

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080802.D
 Acq On : 29 Jan 2024 19:41
 Operator : JC\MD
 Sample : P1187-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 30 02:06:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 02:03:24 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	108860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	229618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	190707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	96453	51.216	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	8.165	113	68311	48.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	10.565	98	267770	48.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.853	95	85594	44.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	4612	2.852	ug/l	91
3) Chloromethane	2.359	50	8971	3.691	ug/l	99
4) Vinyl Chloride	2.512	62	4926	2.666	ug/l #	83
5) Bromomethane	2.959	94	2680	3.626	ug/l	92
6) Chloroethane	3.112	64	3520	3.573	ug/l #	78
7) Trichlorofluoromethane	3.489	101	6337	2.650	ug/l #	81
8) Diethyl Ether	3.959	74	2916	2.643	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.365	101	3525m	2.528	ug/l	
10) Methyl Iodide	4.589	142	2849m	2.420	ug/l	
11) Tert butyl alcohol	5.530	59	4457m	14.518	ug/l	
12) 1,1-Dichloroethene	4.330	96	4303	2.816	ug/l #	81
13) Acrolein	4.171	56	5936	15.333	ug/l	91
14) Allyl chloride	5.012	41	7538m	2.496	ug/l	
15) Acrylonitrile	5.724	53	14050	15.218	ug/l #	95
16) Acetone	4.430	43	10624	15.555	ug/l #	85
17) Carbon Disulfide	4.700	76	11792	2.479	ug/l	100
18) Methyl Acetate	5.024	43	11708	4.919	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	14546	2.702	ug/l #	82
20) Methylene Chloride	5.283	84	5269	2.939	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	4714m	2.840	ug/l	
22) Diisopropyl ether	6.665	45	18307	2.747	ug/l #	96
23) Vinyl Acetate	6.600	43	54407	11.284	ug/l	96
24) 1,1-Dichloroethane	6.577	63	9550	2.826	ug/l #	96
25) 2-Butanone	7.488	43	18891	14.562	ug/l	96
26) 2,2-Dichloropropane	7.494	77	6523	2.388	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	5558	2.892	ug/l	95
28) Bromochloromethane	7.800	49	4771	2.666	ug/l #	71
29) Tetrahydrofuran	7.847	42	13200	15.037	ug/l	93
30) Chloroform	7.971	83	8843	2.816	ug/l	86
31) Cyclohexane	8.241	56	12624m	3.909	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	6902	2.711	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	6951	2.662	ug/l #	88
37) Ethyl Acetate	7.565	43	7735	2.878	ug/l #	95
38) Carbon Tetrachloride	8.353	117	5258	2.499	ug/l #	76
39) Methylcyclohexane	9.594	83	6231	2.401	ug/l #	73
40) Benzene	8.600	78	20434	2.663	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080802.D
 Acq On : 29 Jan 2024 19:41
 Operator : JC\MD
 Sample : P1187-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 30 02:06:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 02:03:24 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	4127m	2.605	ug/l	
42) 1,2-Dichloroethane	8.659	62	7325	2.930	ug/l	86
43) Isopropyl Acetate	8.694	43	12870	2.630	ug/l	94
44) Trichloroethene	9.353	130	4609	2.727	ug/l	97
45) 1,2-Dichloropropane	9.618	63	5164	2.486	ug/l #	88
46) Dibromomethane	9.712	93	3276	2.661	ug/l	89
47) Bromodichloromethane	9.894	83	6604	2.642	ug/l	96
48) Methyl methacrylate	9.682	41	6839	2.883	ug/l	93
49) 1,4-Dioxane	9.700	88	1413	49.444	ug/l #	70
51) 4-Methyl-2-Pentanone	10.441	43	36698	13.414	ug/l	99
52) Toluene	10.635	92	12914	2.935	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	6598	2.266	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	7914	2.499	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	3994	2.362	ug/l #	82
56) Ethyl methacrylate	10.882	69	5035	1.937	ug/l #	81
57) 1,3-Dichloropropane	11.159	76	8788	2.761	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	17880	11.799	ug/l	92
59) 2-Hexanone	11.194	43	26657	12.544	ug/l	98
60) Dibromochloromethane	11.359	129	4151	2.639	ug/l	91
61) 1,2-Dibromoethane	11.471	107	4308	2.718	ug/l	97
64) Tetrachloroethene	11.100	164	3544	2.827	ug/l #	72
65) Chlorobenzene	11.894	112	10965	2.634	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.971	131	4037	2.983	ug/l	92
67) Ethyl Benzene	11.965	91	19909	2.574	ug/l	97
68) m/p-Xylenes	12.071	106	14436	5.255	ug/l	96
69) o-Xylene	12.400	106	6337	2.321	ug/l	86
70) Styrene	12.412	104	9799	2.235	ug/l	96
71) Bromoform	12.576	173	2346	2.564	ug/l #	88
73) Isopropylbenzene	12.700	105	16220	2.504	ug/l	99
74) N-amyl acetate	12.494	43	11099	2.760	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	6626	2.909	ug/l	95
76) 1,2,3-Trichloropropane	13.000	75	5802m	2.720	ug/l	
77) Bromobenzene	12.982	156	3441	2.486	ug/l	90
78) n-propylbenzene	13.035	91	18941	2.448	ug/l	100
79) 2-Chlorotoluene	13.129	91	11861	2.412	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	13392	2.596	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	2029	2.451	ug/l	96
82) 4-Chlorotoluene	13.223	91	12511	2.569	ug/l	95
83) tert-Butylbenzene	13.435	119	10428	2.532	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	13073	2.502	ug/l	99
85) sec-Butylbenzene	13.623	105	15007	2.471	ug/l	99
86) p-Isopropyltoluene	13.735	119	11620	2.462	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	5443	2.198	ug/l	91
88) 1,4-Dichlorobenzene	13.812	146	6444m	2.596	ug/l	
89) n-Butylbenzene	14.059	91	10756	2.329	ug/l	97
90) Hexachloroethane	14.335	117	1993	2.414	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	6315	2.786	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1274	2.992	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	2764	2.369	ug/l	95
94) Hexachlorobutadiene	15.500	225	1413	2.773	ug/l	78
95) Naphthalene	15.647	128	9340	2.092	ug/l	95
96) 1,2,3-Trichlorobenzene	15.847	180	2785	2.429	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
Data File : VN080802.D
Acq On : 29 Jan 2024 19:41
Operator : JC\MD
Sample : P1187-07 2.5PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 02:06:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 02:03:24 2024
Response via : Initial Calibration

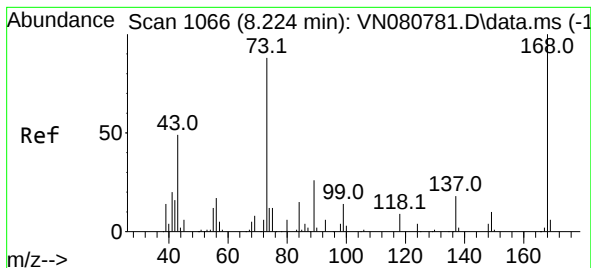
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:168 Resp: 108860

Ion Ratio Lower Upper

168 100

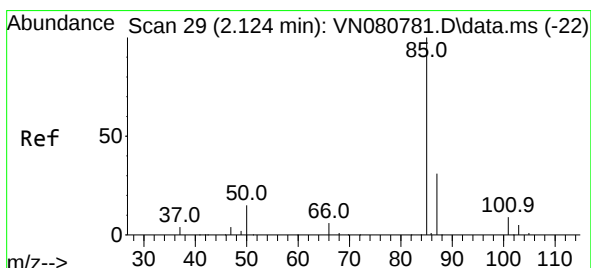
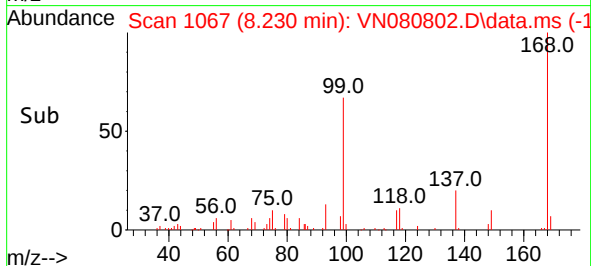
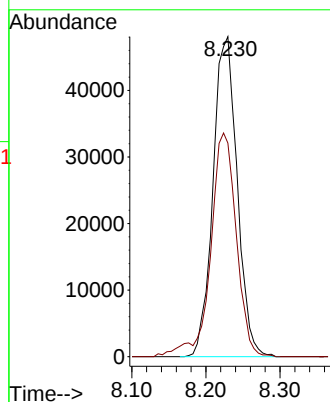
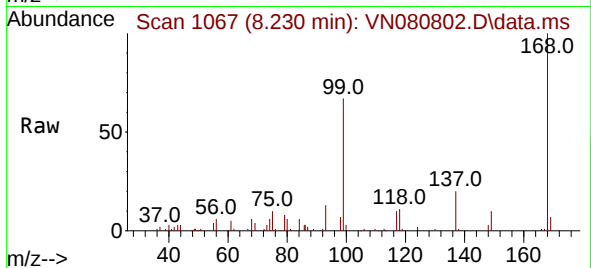
99 66.7 59.9 89.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#2

Dichlorodifluoromethane

Concen: 2.852 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080802.D

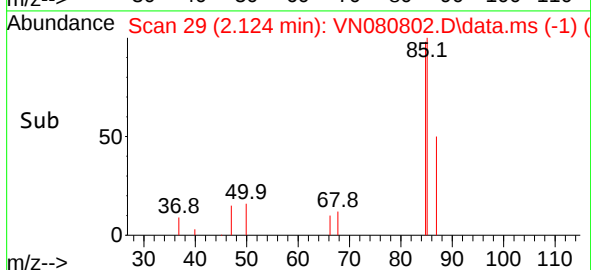
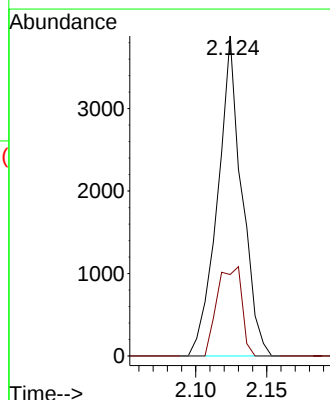
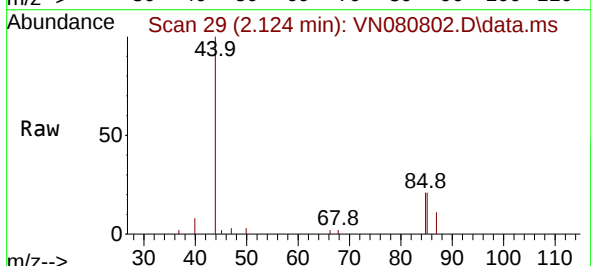
Acq: 29 Jan 2024 19:41

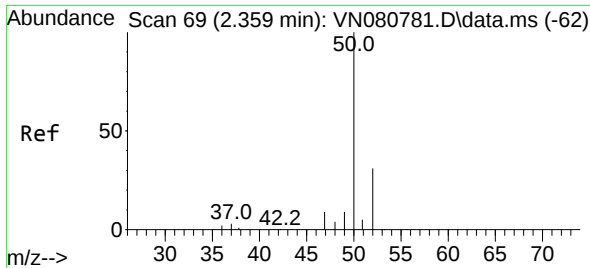
Tgt Ion: 85 Resp: 4612

Ion Ratio Lower Upper

85 100

87 25.5 15.3 45.9





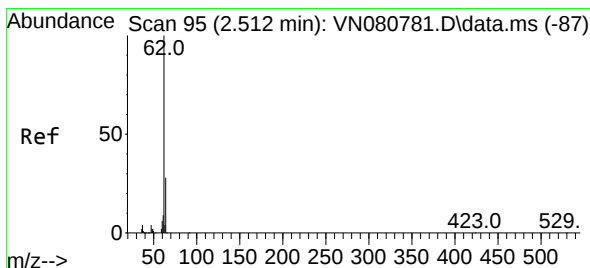
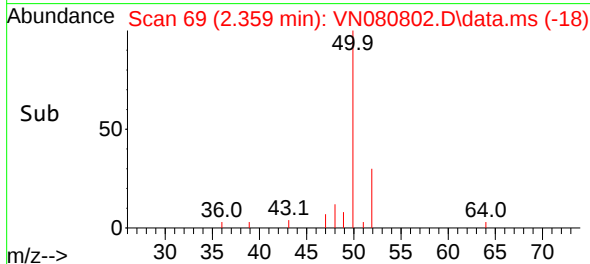
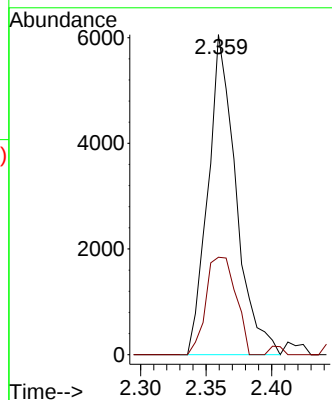
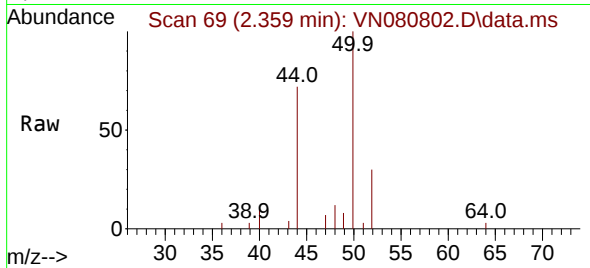
#3
Chloromethane
Concen: 3.691 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 50 Resp: 897
Ion Ratio Lower Upper
50 100
52 30.5 25.0 37.4

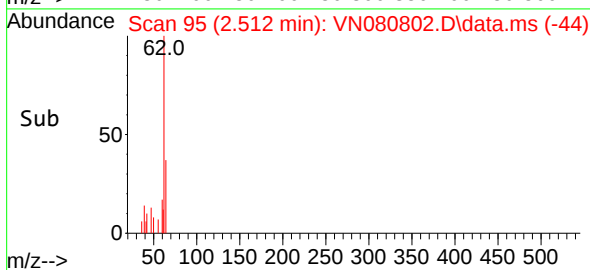
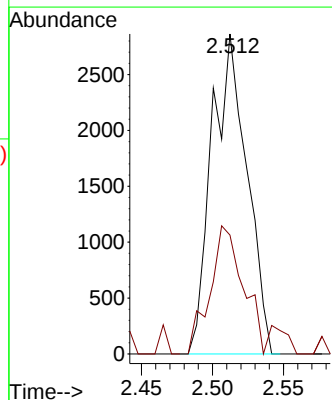
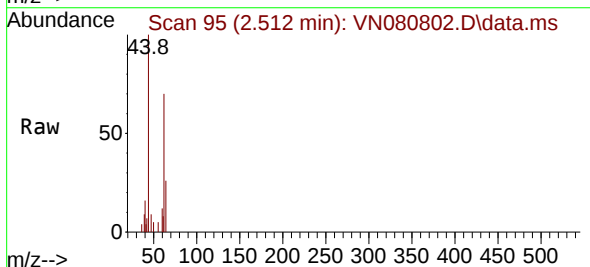
Manual Integrations
APPROVED

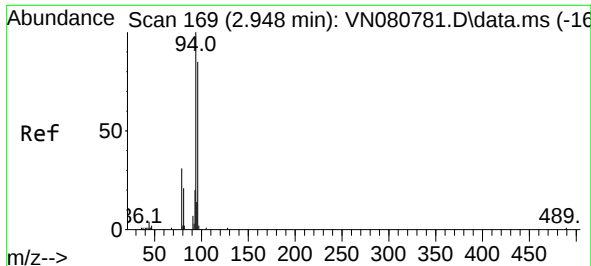
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#4
Vinyl Chloride
Concen: 2.666 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

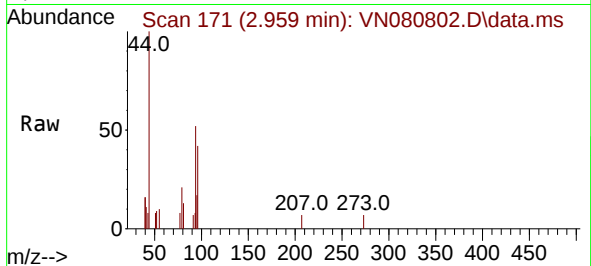
Tgt Ion: 62 Resp: 4926
Ion Ratio Lower Upper
62 100
64 37.2 22.7 34.1#





#5
Bromomethane
Concen: 3.626 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

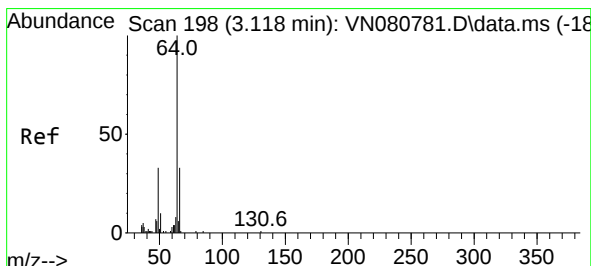
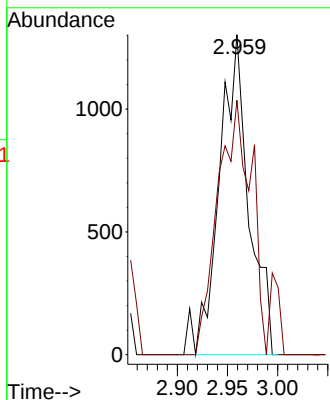
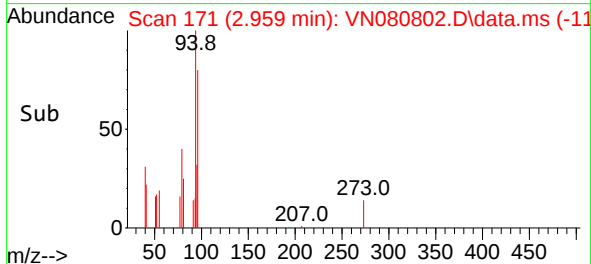
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 94 Resp: 2680
Ion Ratio Lower Upper
94 100
96 79.5 69.2 103.8

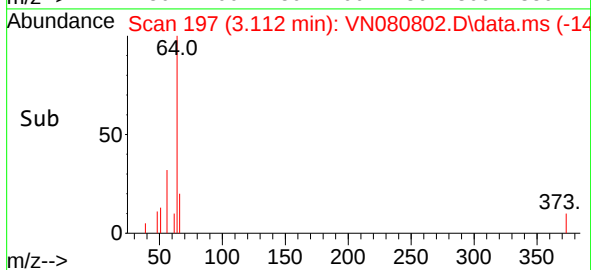
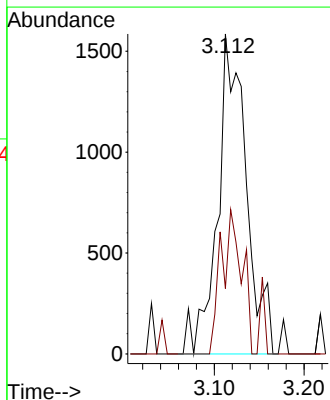
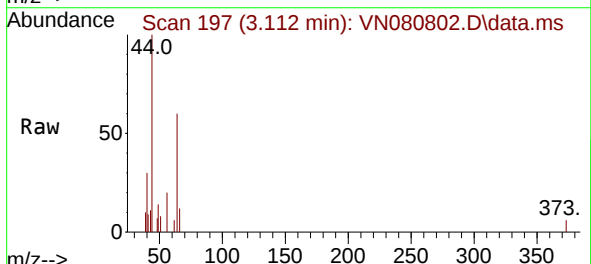
Manual Integrations
APPROVED

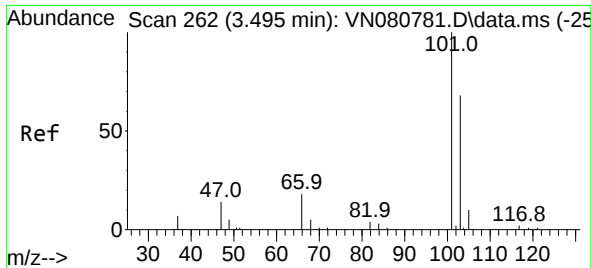
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#6
Chloroethane
Concen: 3.573 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Tgt Ion: 64 Resp: 3520
Ion Ratio Lower Upper
64 100
66 20.4 26.4 39.6#





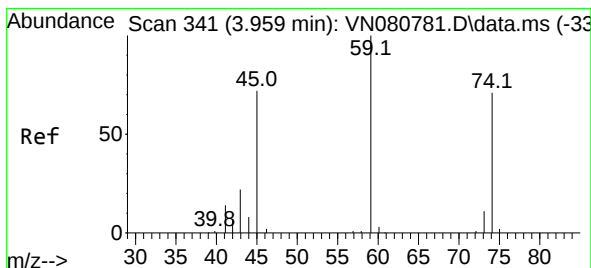
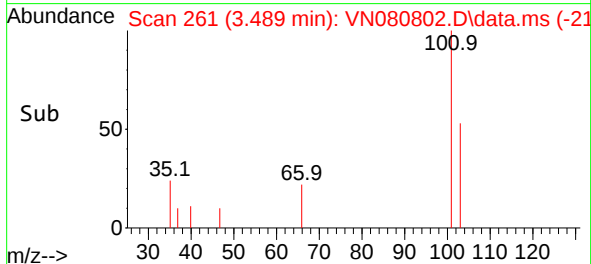
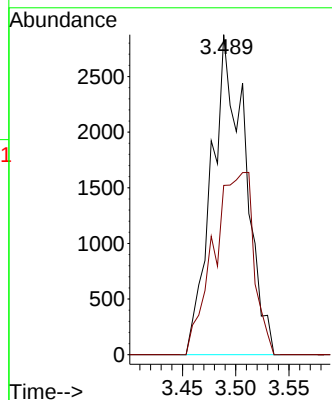
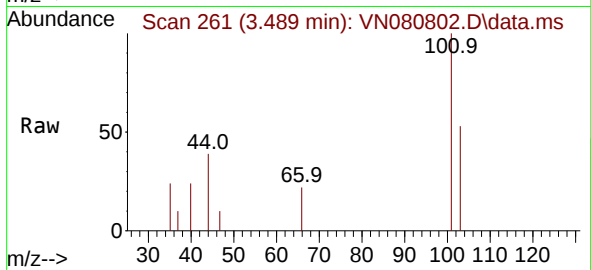
#7
Trichlorofluoromethane
Concen: 2.650 ug/l
RT: 3.489 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:101 Resp: 633
Ion Ratio Lower Upper
101 100
103 52.9 54.4 81.6

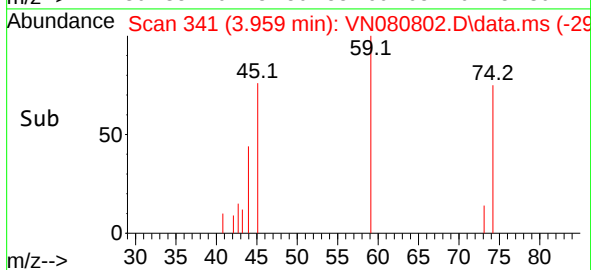
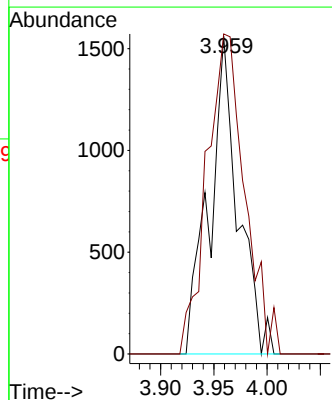
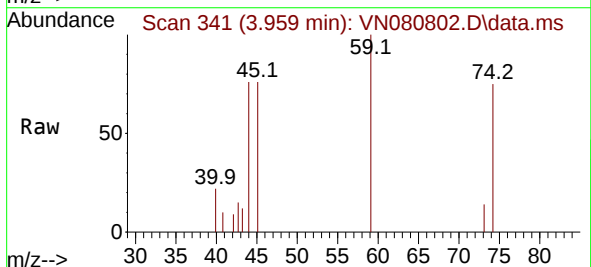
Manual Integrations
APPROVED

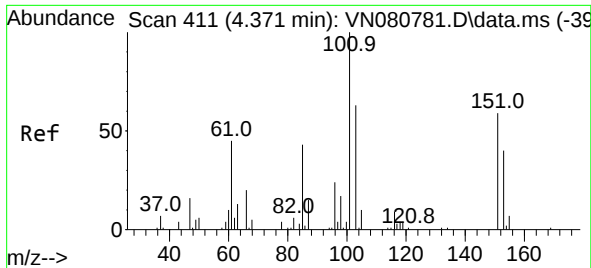
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#8
Diethyl Ether
Concen: 2.643 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Tgt Ion: 74 Resp: 2916
Ion Ratio Lower Upper
74 100
45 132.7 53.3 159.9





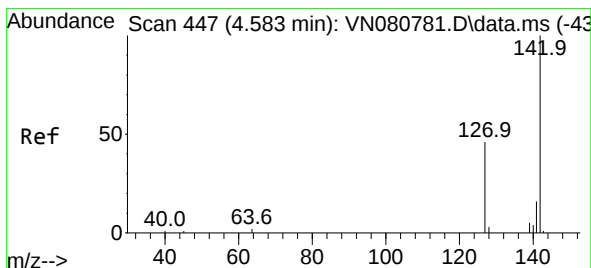
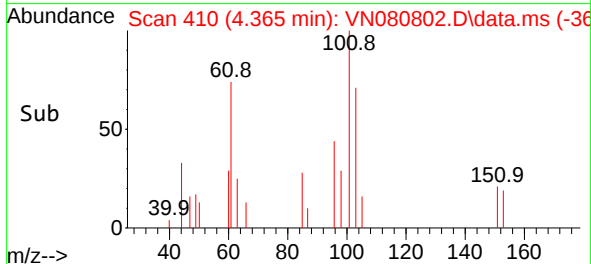
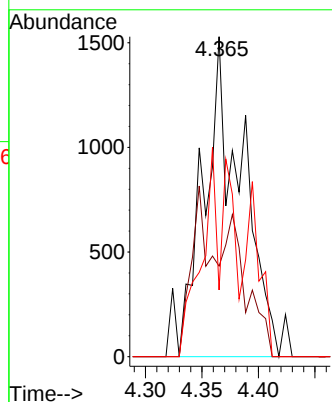
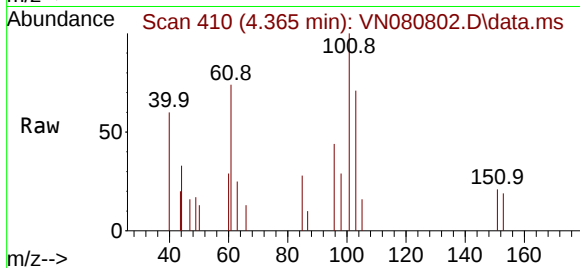
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.528 ug/l m
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:101 Resp: 352
Ion Ratio Lower Upper
101 100
85 29.3 38.1 57.1
151 28.2 49.1 73.7

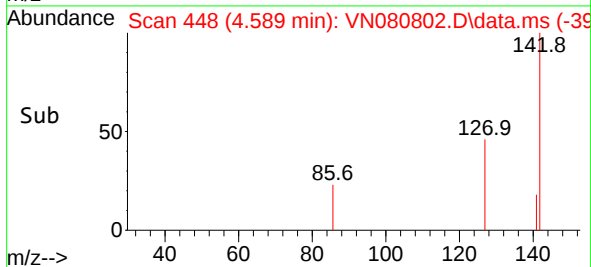
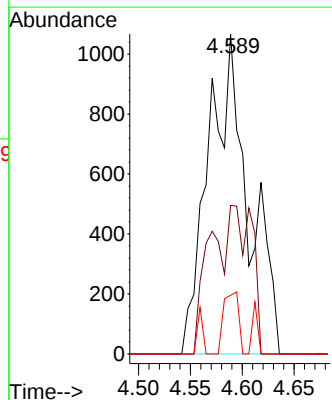
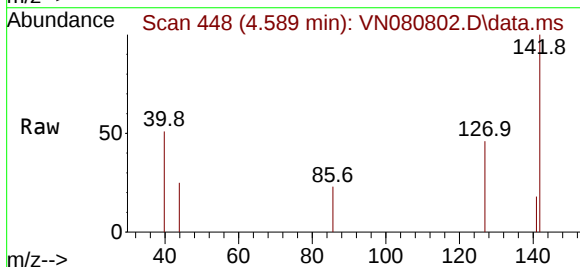
Manual Integrations
APPROVED

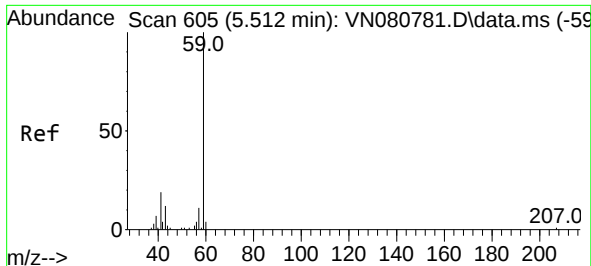
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#10
Methyl Iodide
Concen: 2.420 ug/l m
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

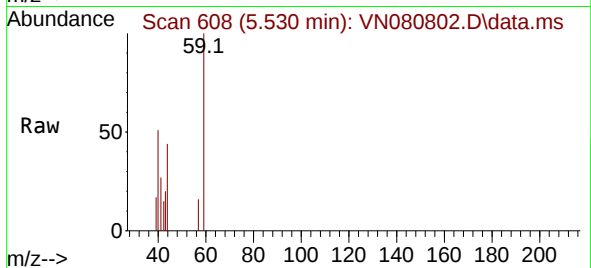
Tgt Ion:142 Resp: 2849
Ion Ratio Lower Upper
142 100
127 46.4 37.0 55.4
141 18.4 12.5 18.7





#11
Tert butyl alcohol
Concen: 14.518 ug/l m
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

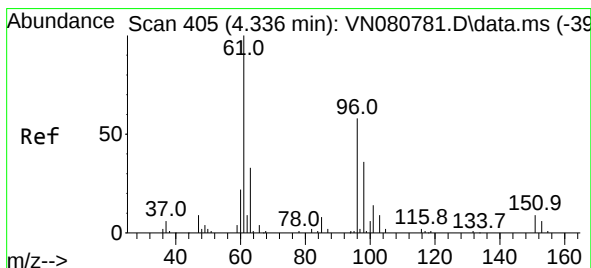
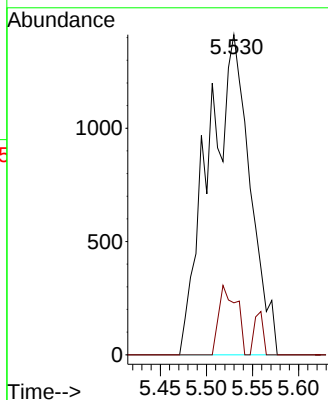
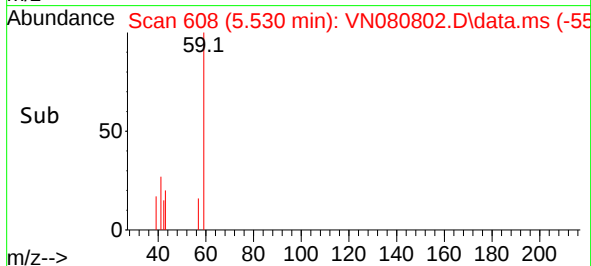
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



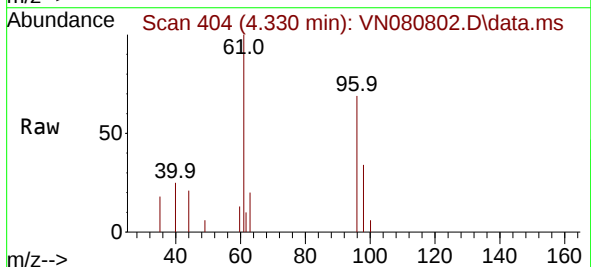
Tgt Ion: 59 Resp: 445
Ion Ratio Lower Upper
59 100
57 9.2 8.6 12.8

Manual Integrations
APPROVED

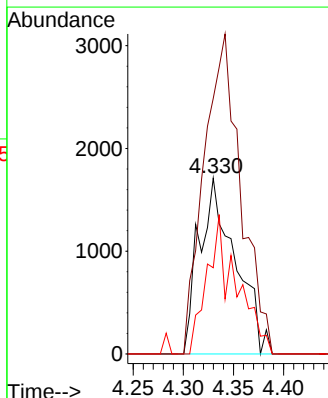
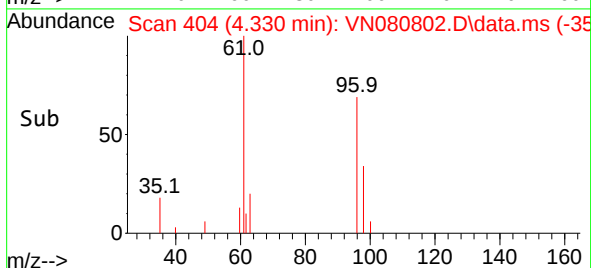
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

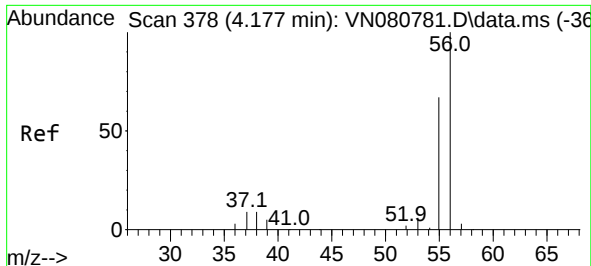


#12
1,1-Dichloroethene
Concen: 2.816 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



Tgt Ion: 96 Resp: 4303
Ion Ratio Lower Upper
96 100
61 145.3 138.2 207.4
98 49.1 49.2 73.8#





#13

Acrolein

Concen: 15.333 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

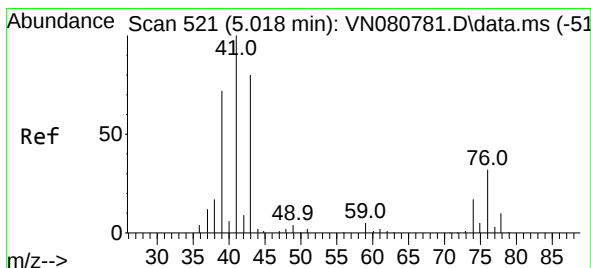
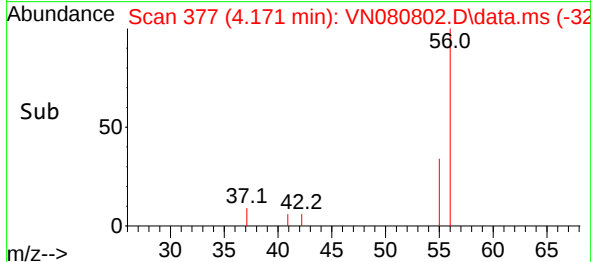
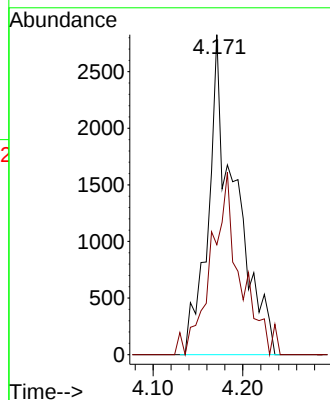
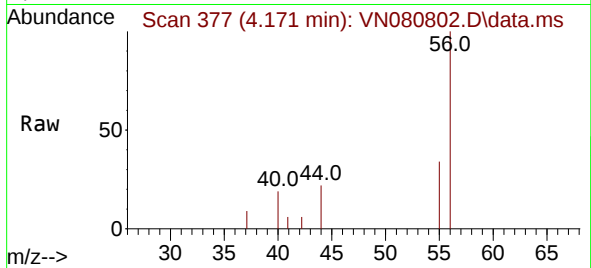
Tgt Ion: 56 Resp: 5936
 Ion Ratio Lower Upper
 56 100
 55 61.5 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#14

Allyl chloride

Concen: 2.496 ug/l m

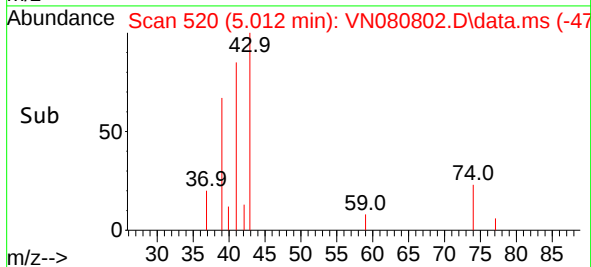
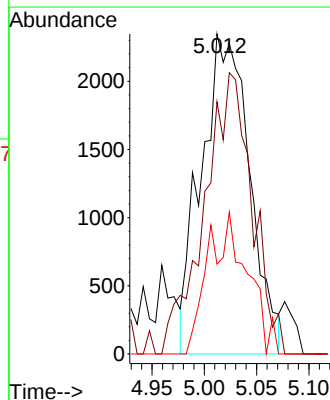
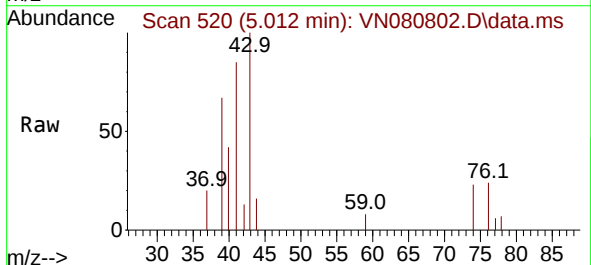
RT: 5.012 min Scan# 520

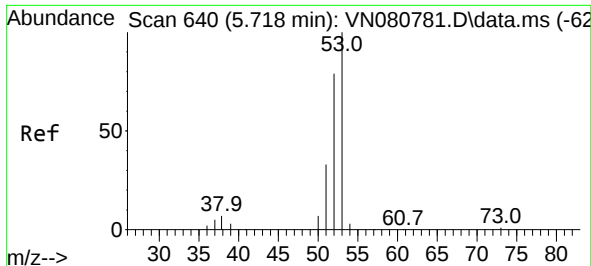
Delta R.T. -0.006 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

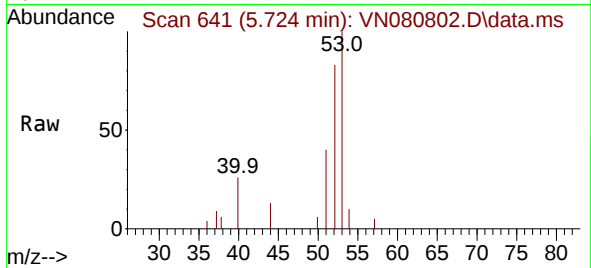
Tgt Ion: 41 Resp: 7538
 Ion Ratio Lower Upper
 41 100
 39 86.8 57.7 86.5#
 76 12.8 26.8 40.2#





#15
Acrylonitrile
Concen: 15.218 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

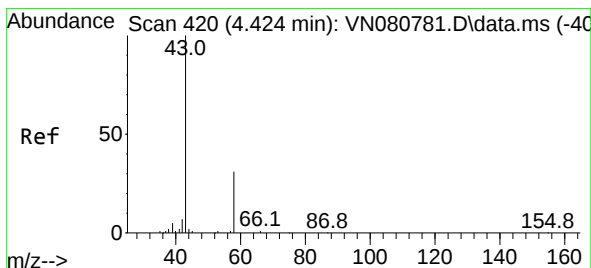
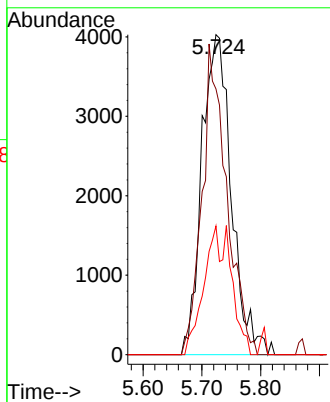
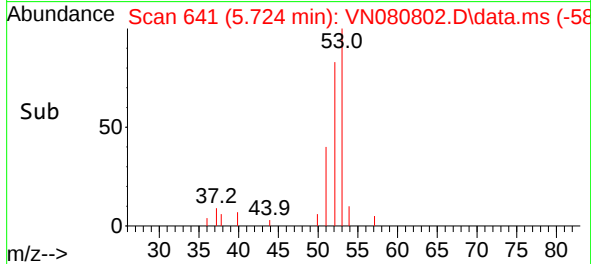
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



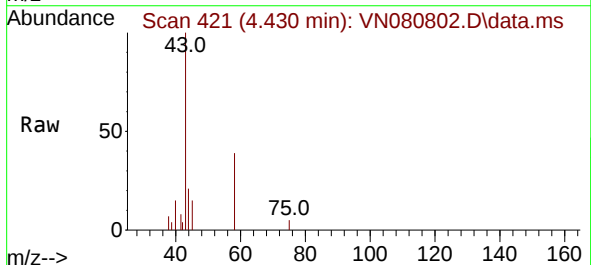
Tgt Ion: 53 Resp: 14050
Ion Ratio Lower Upper
53 100
52 80.8 64.8 97.2
51 24.9 26.9 40.3

Manual Integrations
APPROVED

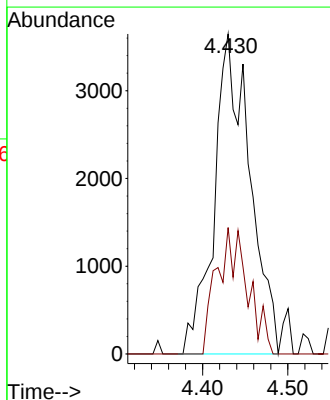
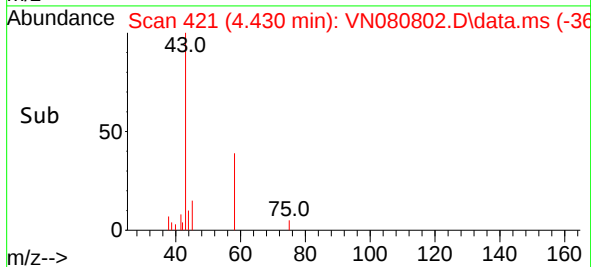
Reviewed By :John Carbone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

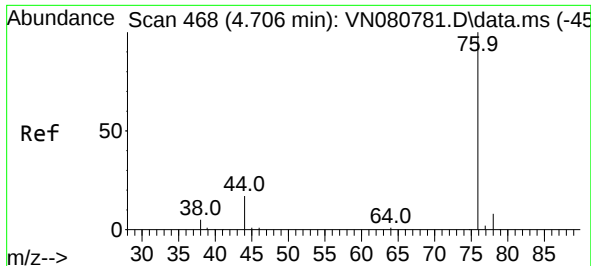


#16
Acetone
Concen: 15.555 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



Tgt Ion: 43 Resp: 10624
Ion Ratio Lower Upper
43 100
58 39.5 24.8 37.2





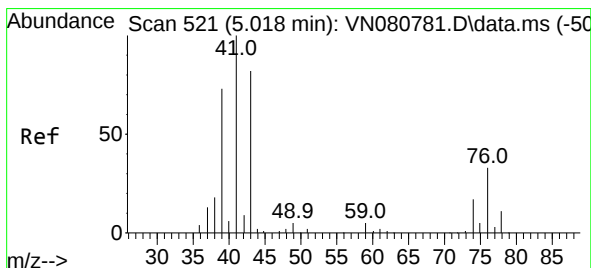
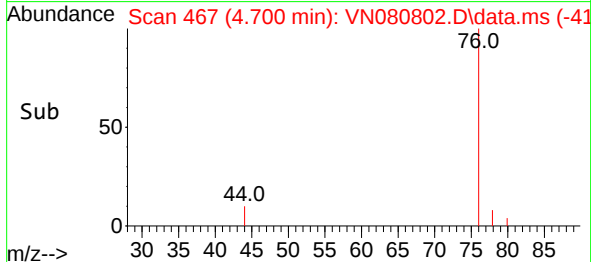
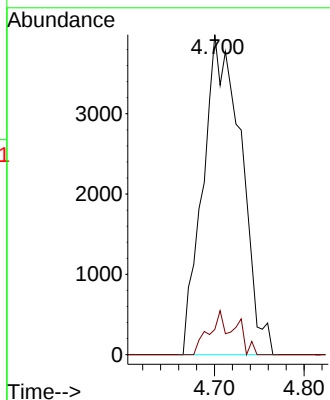
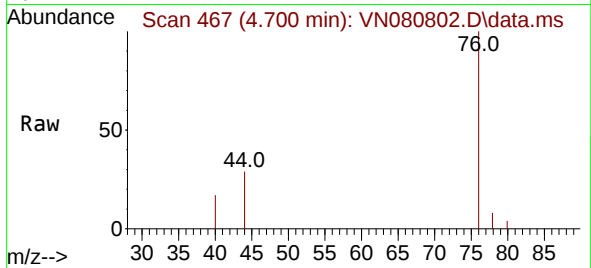
#17
Carbon Disulfide
Concen: 2.479 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 76 Resp: 11792
Ion Ratio Lower Upper
76 100
78 7.9 6.3 9.5

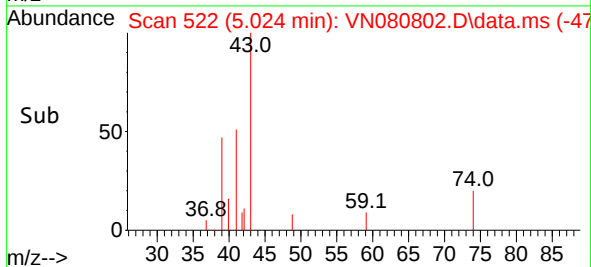
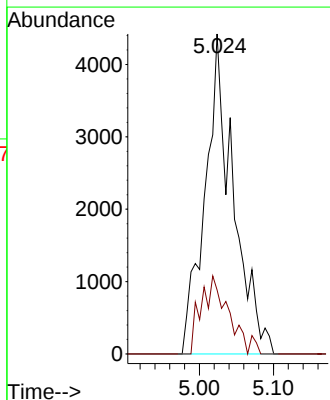
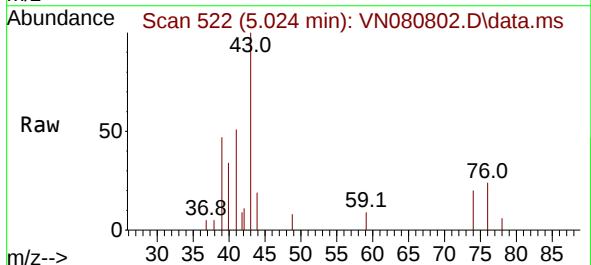
Manual Integrations
APPROVED

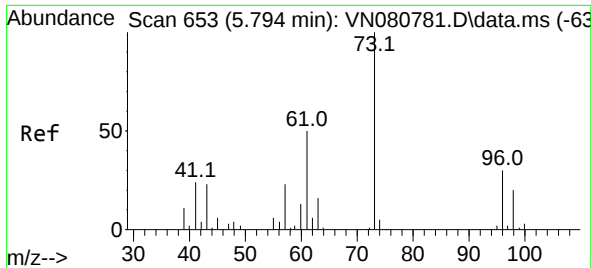
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#18
Methyl Acetate
Concen: 4.919 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Tgt Ion: 43 Resp: 11708
Ion Ratio Lower Upper
43 100
74 22.8 17.3 25.9





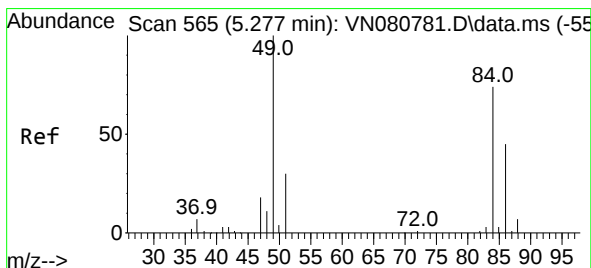
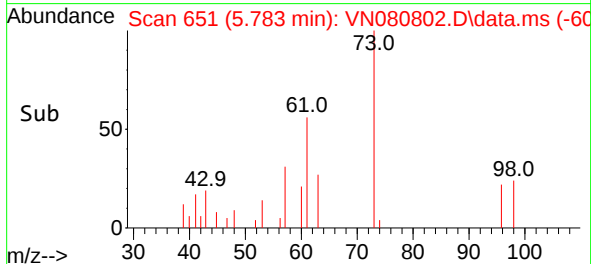
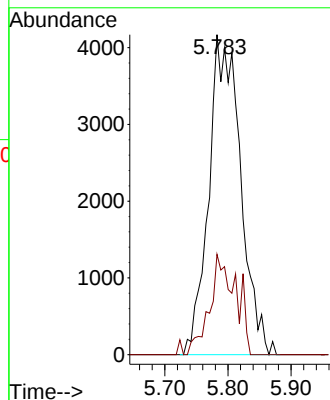
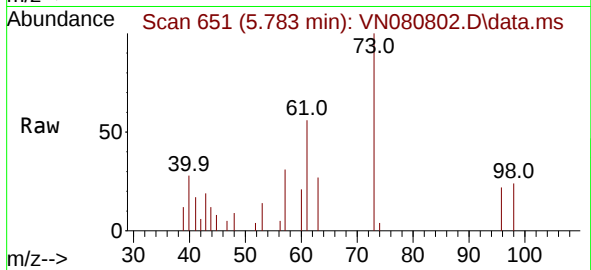
#19
Methyl tert-butyl Ether
Concen: 2.702 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 73 Resp: 14540
Ion Ratio Lower Upper
73 100
57 31.4 18.2 27.4

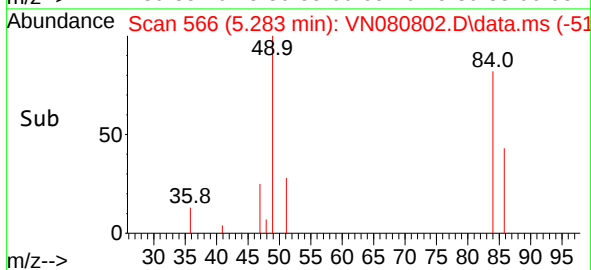
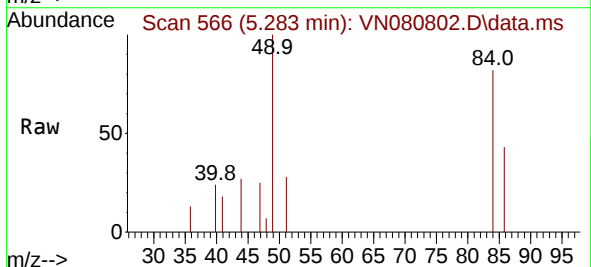
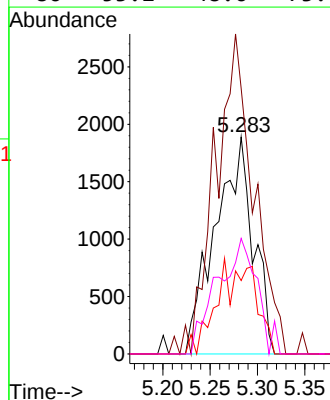
Manual Integrations
APPROVED

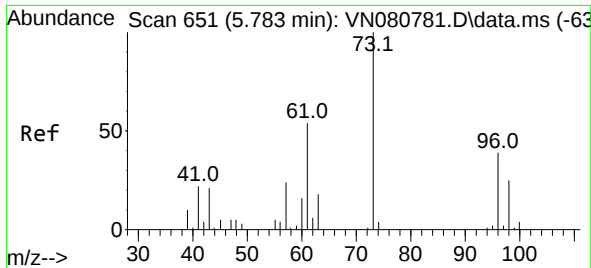
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#20
Methylene Chloride
Concen: 2.939 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

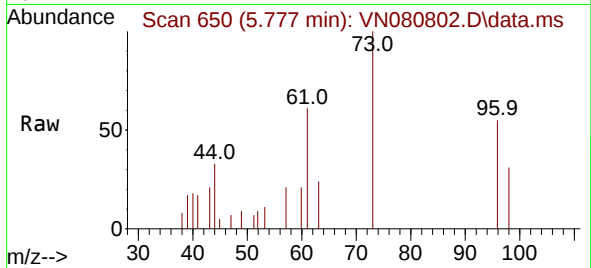
Tgt Ion: 84 Resp: 5269
Ion Ratio Lower Upper
84 100
49 122.4 108.1 162.1
51 33.9 32.9 49.3
86 53.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 2.840 ug/l m
RT: 5.777 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

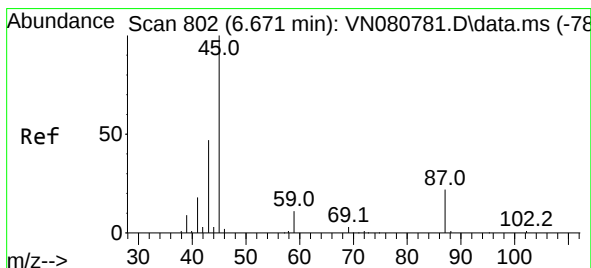
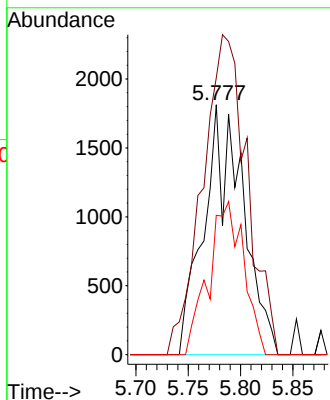
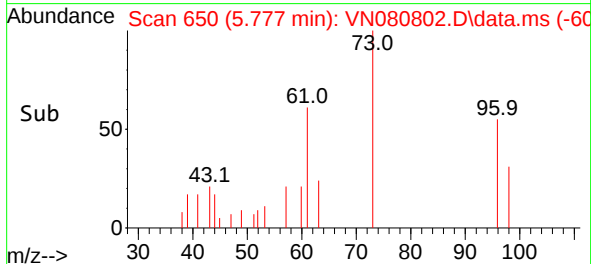
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 96 Resp: 4714
Ion Ratio Lower Upper
96 100
61 110.7 112.8 169.2
98 55.7 51.0 76.4

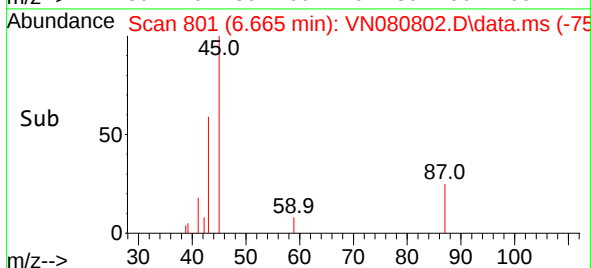
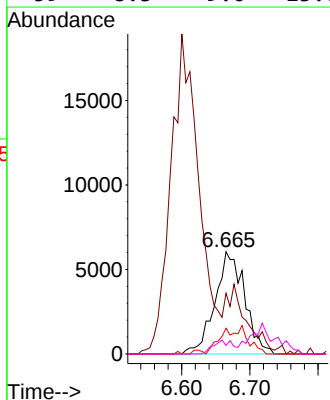
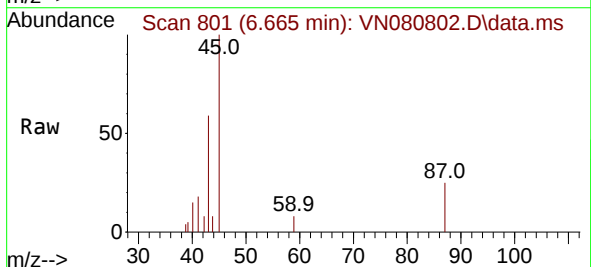
Manual Integrations
APPROVED

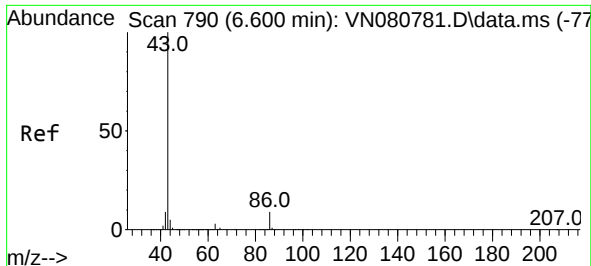
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#22
Diisopropyl ether
Concen: 2.747 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

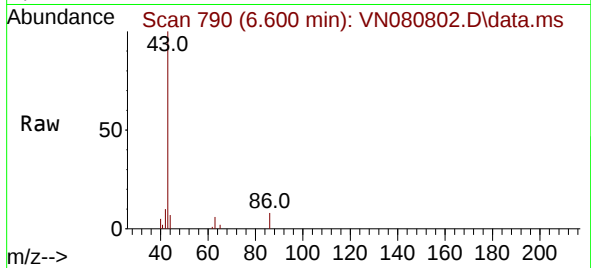
Tgt Ion: 45 Resp: 18307
Ion Ratio Lower Upper
45 100
43 53.6 41.8 62.8
87 25.2 18.1 27.1
59 8.3 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 11.284 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080802.D
 Acq: 29 Jan 2024 19:41

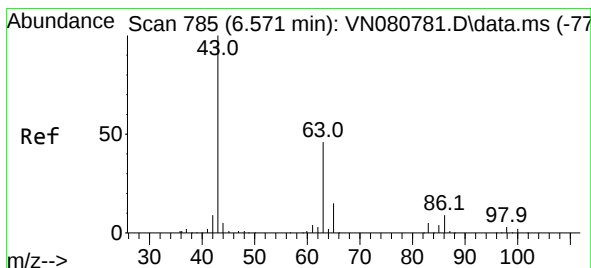
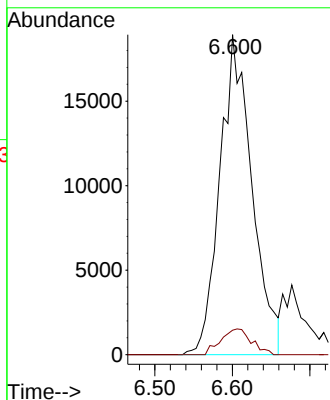
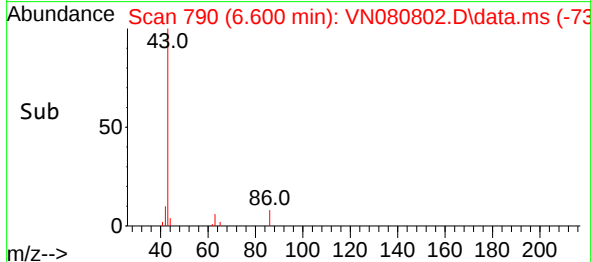
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



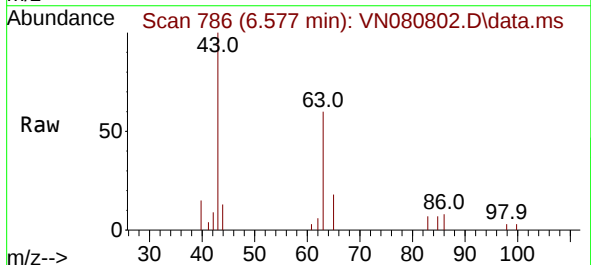
Tgt Ion: 43 Resp: 5440
 Ion Ratio Lower Upper
 43 100
 86 7.6 7.1 10.7

Manual Integrations
 APPROVED

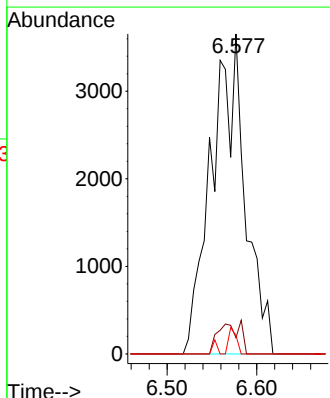
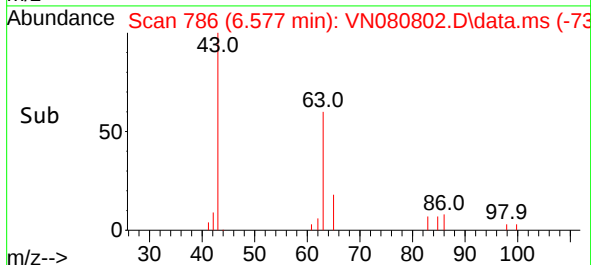
Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024

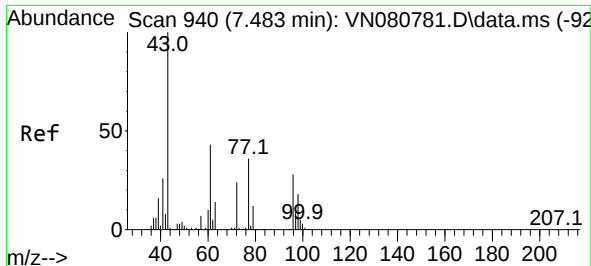


#24
 1,1-Dichloroethane
 Concen: 2.826 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN080802.D
 Acq: 29 Jan 2024 19:41



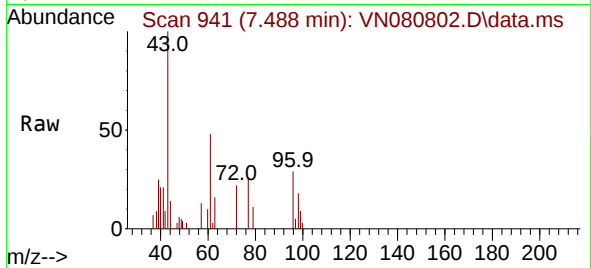
Tgt Ion: 63 Resp: 9550
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.9 8.6
 100 5.8 1.9 5.7#





#25
2-Butanone
Concen: 14.562 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

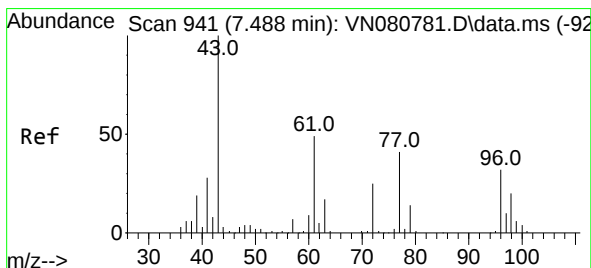
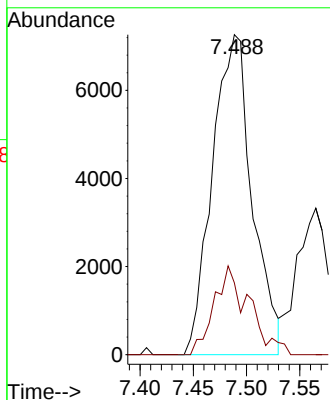
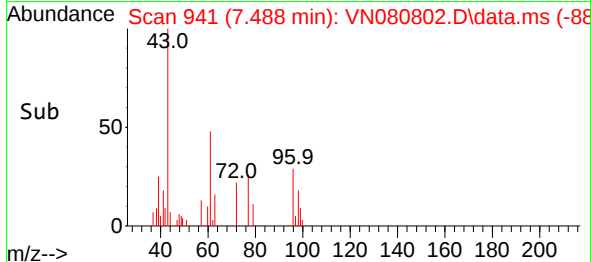
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
72 22.5 19.5 29.3

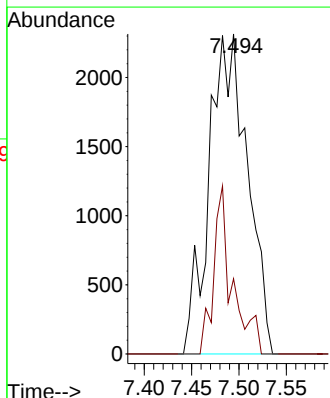
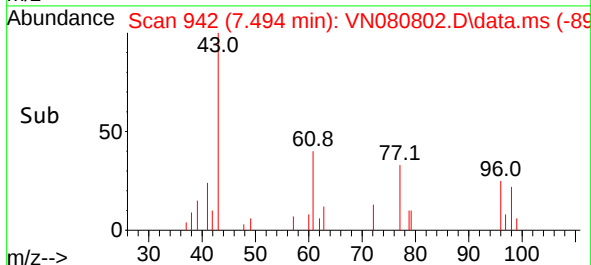
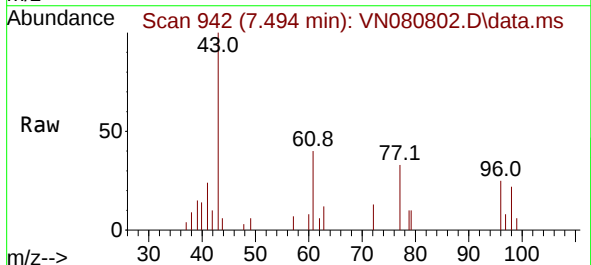
Manual Integrations
APPROVED

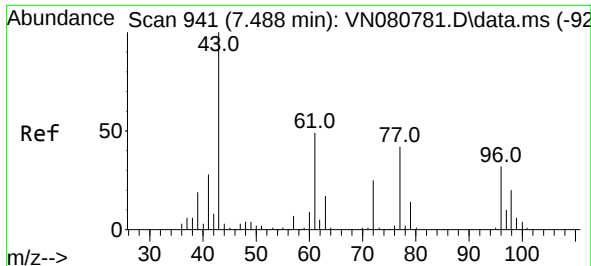
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#26
2,2-Dichloropropane
Concen: 2.388 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

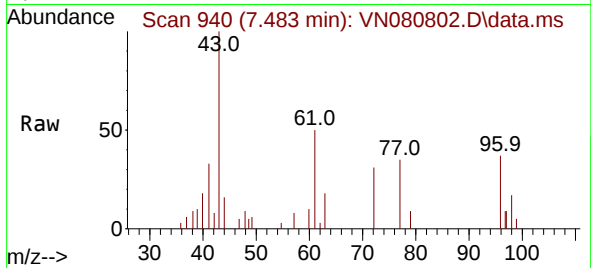
Tgt Ion: 77 Resp: 6523
Ion Ratio Lower Upper
77 100
97 25.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 2.892 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080802.D
 Acq: 29 Jan 2024 19:41

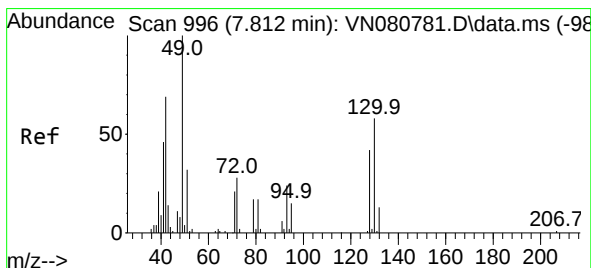
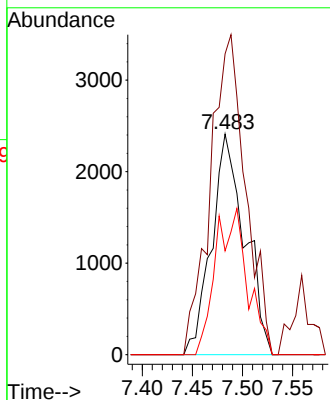
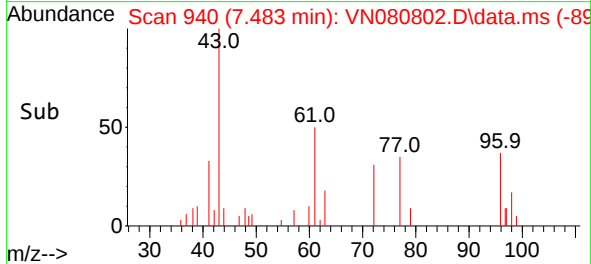
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 96 Resp: 5558
 Ion Ratio Lower Upper
 96 100
 61 154.1 0.0 325.4
 98 63.4 0.0 130.4

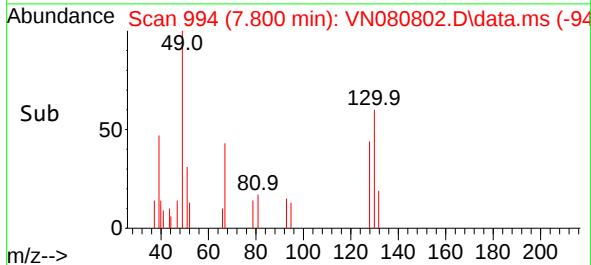
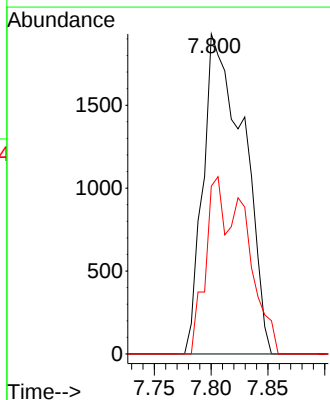
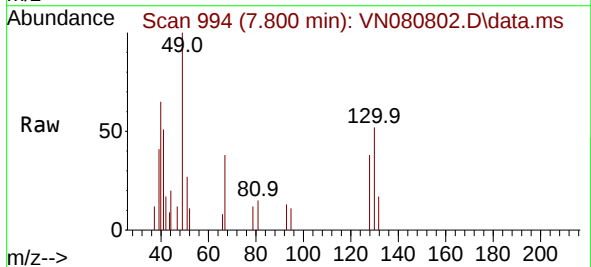
Manual Integrations
 APPROVED

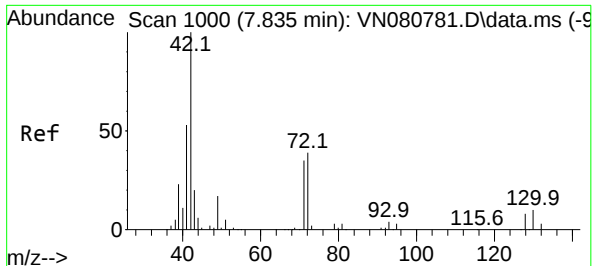
Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#28
 Bromochloromethane
 Concen: 2.666 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.012 min
 Lab File: VN080802.D
 Acq: 29 Jan 2024 19:41

Tgt Ion: 49 Resp: 4771
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.6
 130 31.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 15.037 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

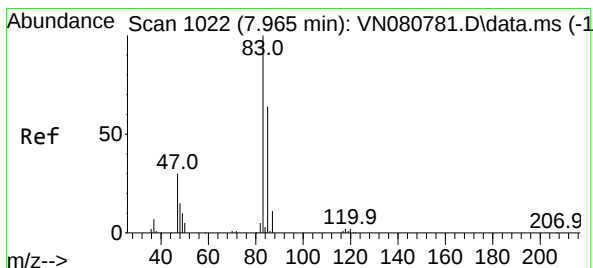
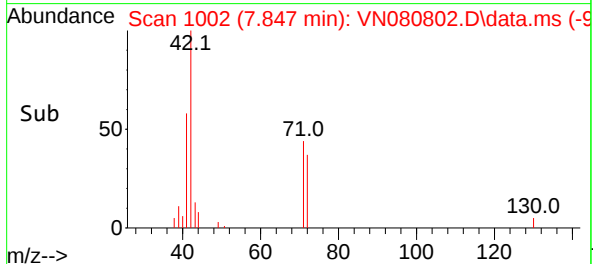
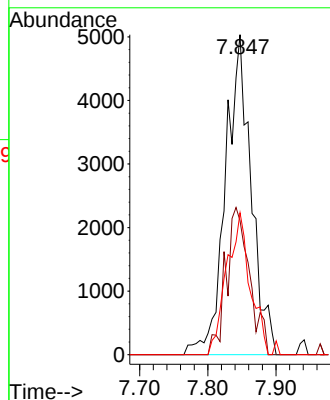
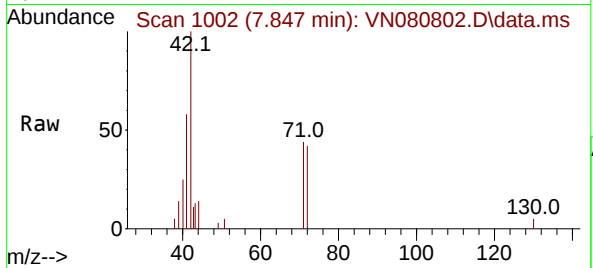
Tgt Ion:	42	Resp:	13200
Ion	Ratio	Lower	Upper
42	100		
72	42.0	31.1	46.7
71	40.6	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#30

Chloroform

Concen: 2.816 ug/l

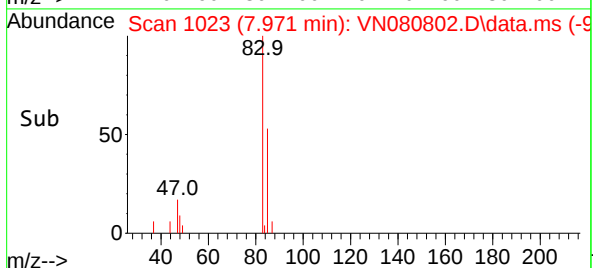
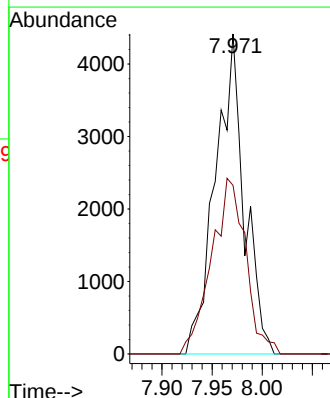
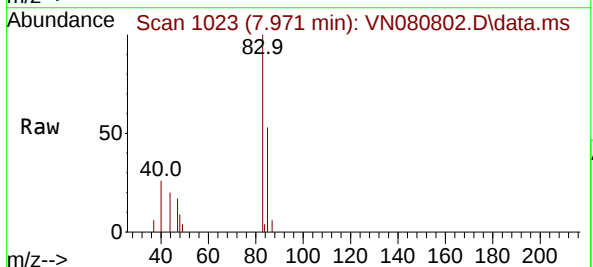
RT: 7.971 min Scan# 1023

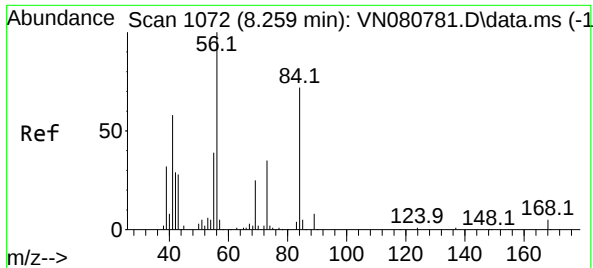
Delta R.T. 0.006 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

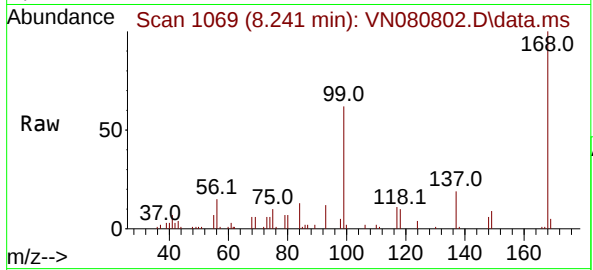
Tgt Ion:	83	Resp:	8843
Ion	Ratio	Lower	Upper
83	100		
85	52.7	51.0	76.6





#31
Cyclohexane
Concen: 3.909 ug/l m
RT: 8.241 min Scan# 1069
Delta R.T. -0.018 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

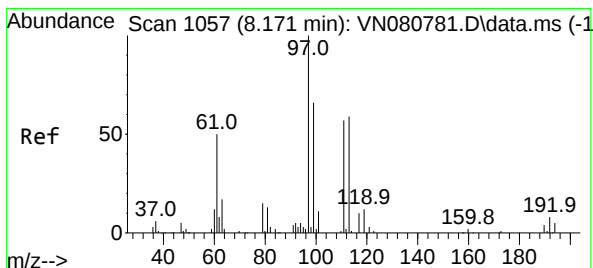
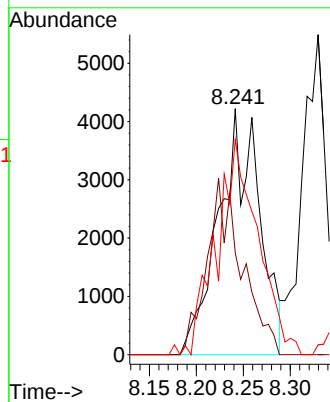
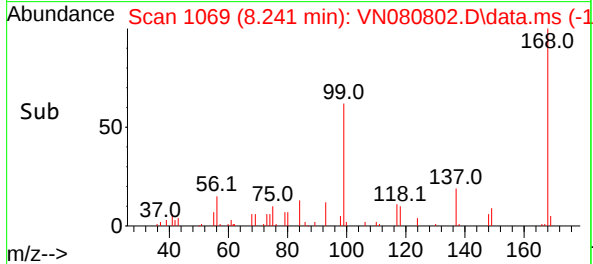
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



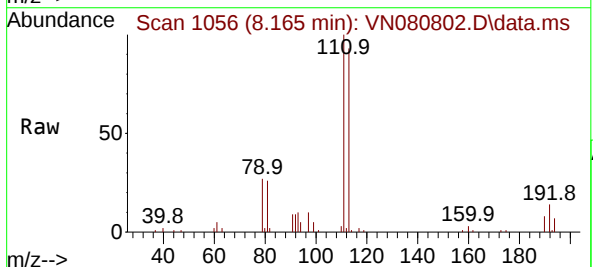
Tgt Ion: 56 Resp: 12624
Ion Ratio Lower Upper
56 100
69 41.4 20.1 30.1
84 87.5 56.9 85.3

Manual Integrations
APPROVED

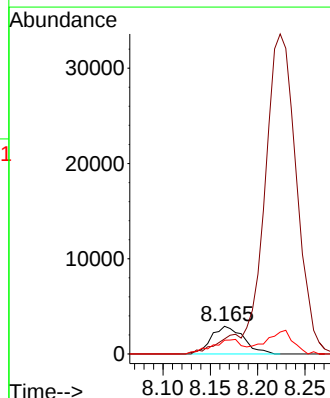
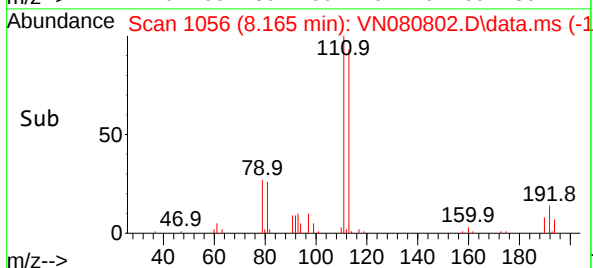
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

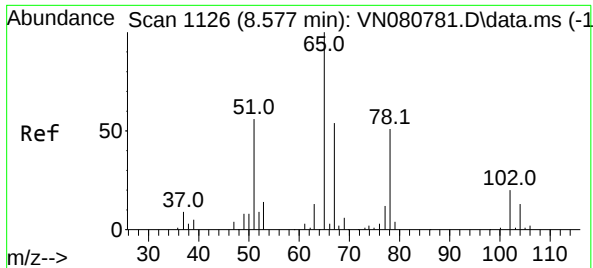


#32
1,1,1-Trichloroethane
Concen: 2.711 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



Tgt Ion: 97 Resp: 6902
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0
61 48.9 43.8 65.8





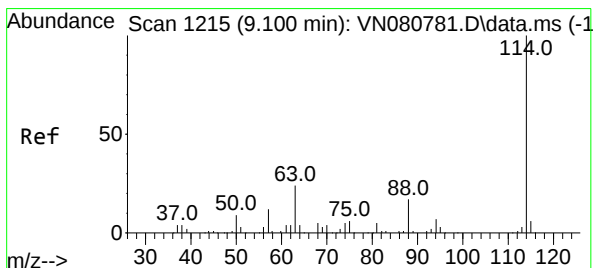
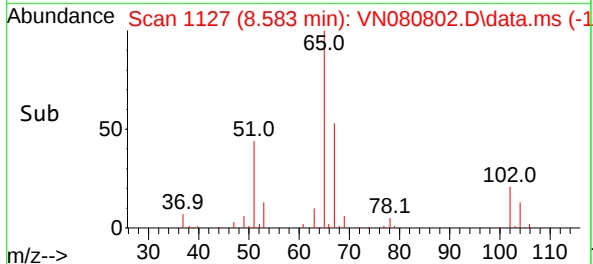
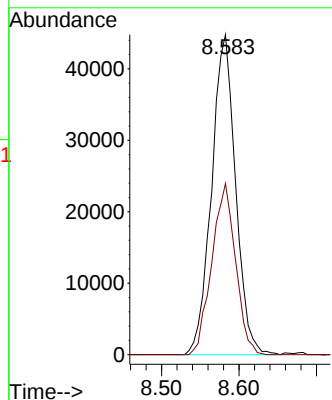
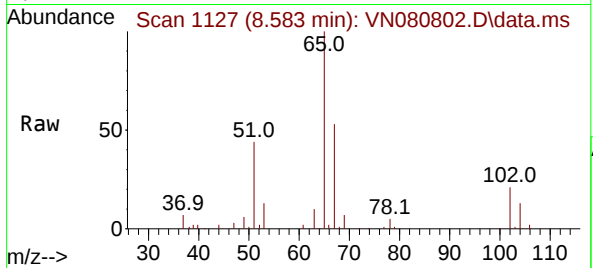
#33
1,2-Dichloroethane-d4
Concen: 51.216 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 65 Resp: 9645
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4

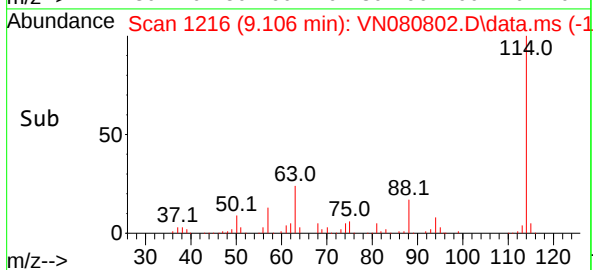
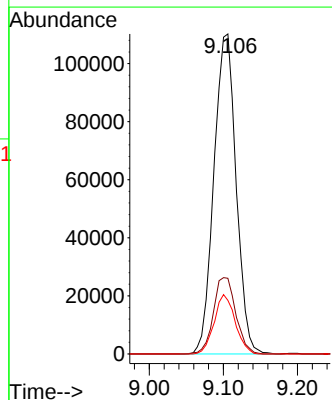
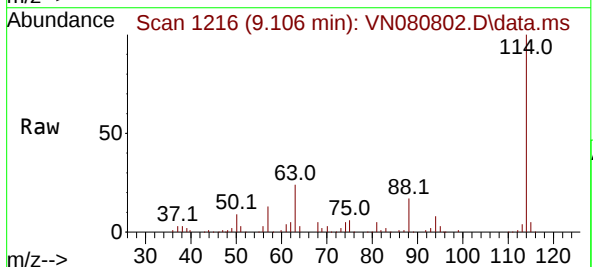
Manual Integrations
APPROVED

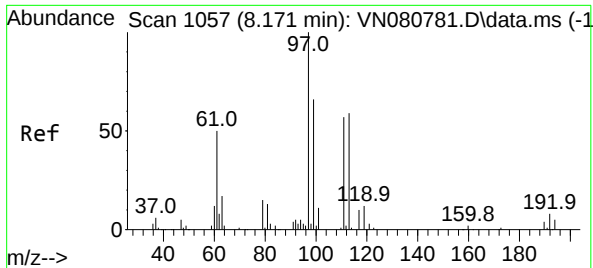
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

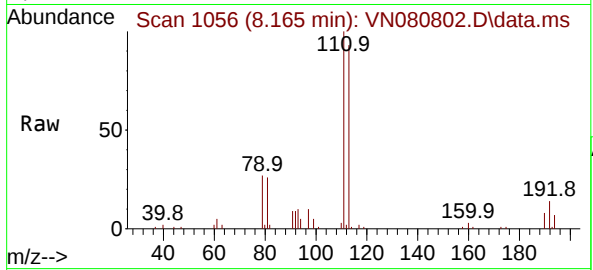
Tgt Ion:114 Resp: 229618
Ion Ratio Lower Upper
114 100
63 23.6 0.0 48.0
88 16.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 48.626 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

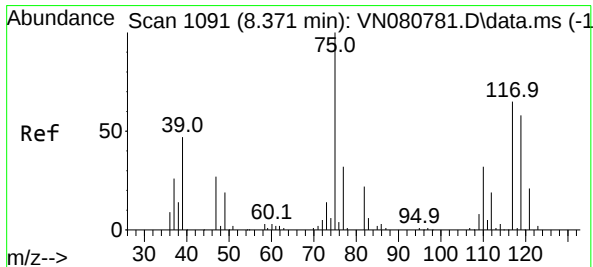
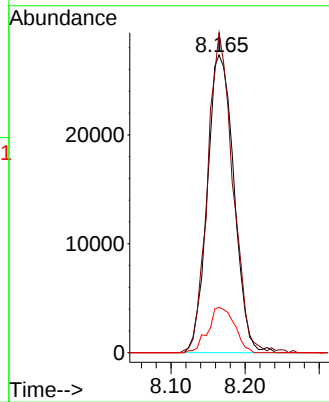
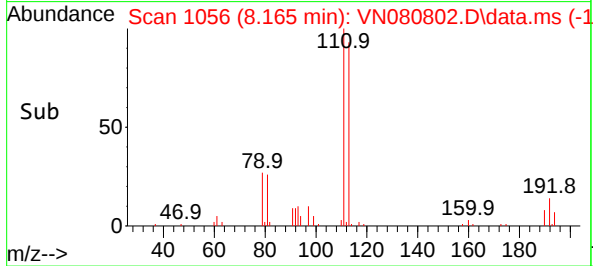
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 113 Resp: 6831
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 15.2 12.5 18.7

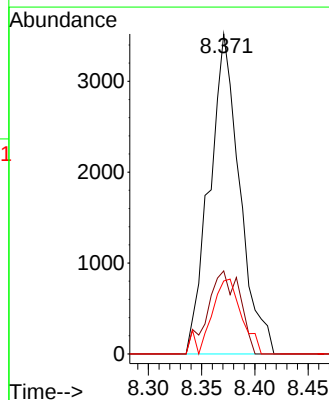
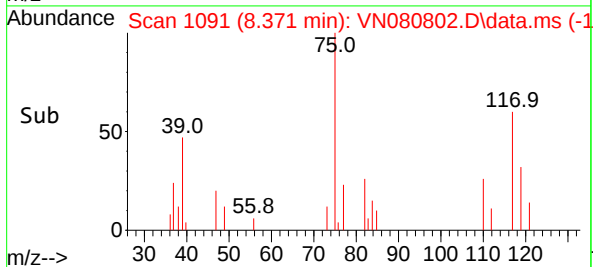
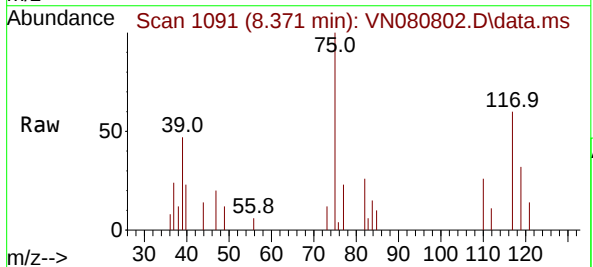
Manual Integrations
APPROVED

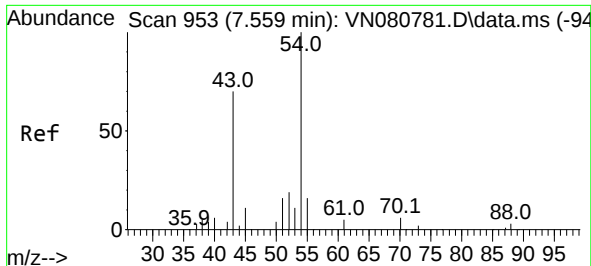
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#36
1,1-Dichloropropene
Concen: 2.662 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

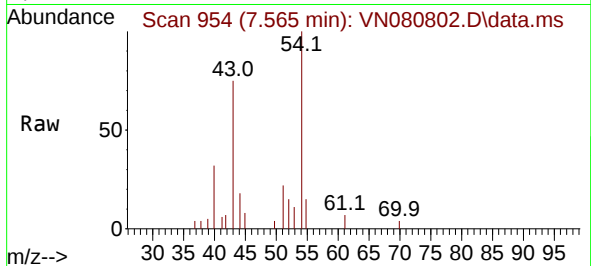
Tgt Ion: 75 Resp: 6951
Ion Ratio Lower Upper
75 100
110 27.6 16.0 48.0
77 23.4 25.8 38.6





#37
Ethyl Acetate
Concen: 2.878 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

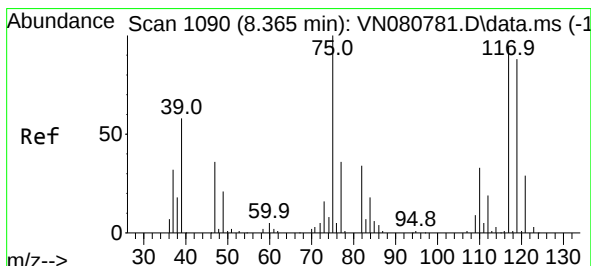
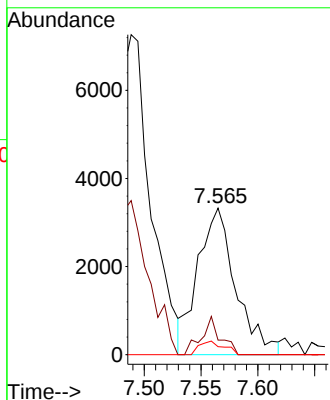
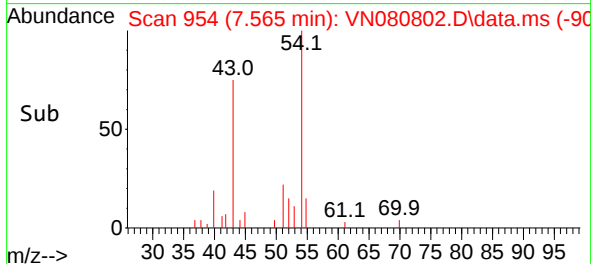
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 43 Resp: 773
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 5.9 8.0 12.0

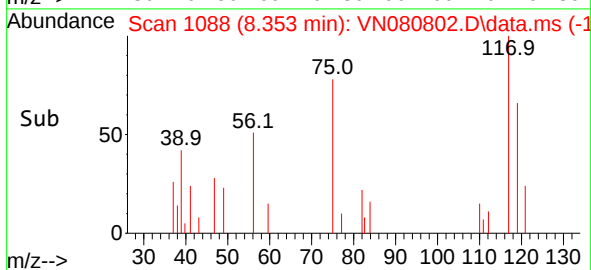
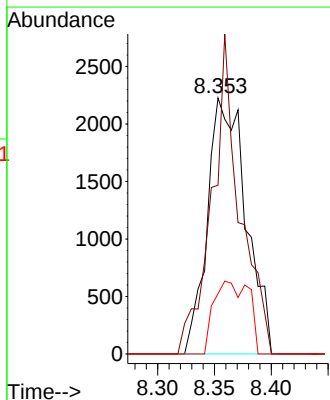
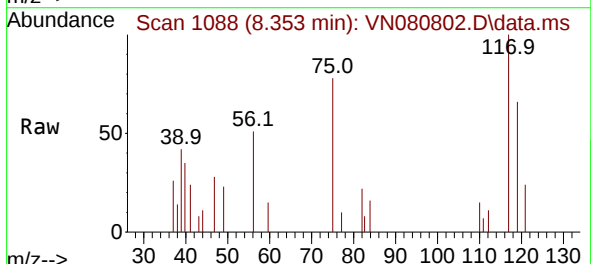
Manual Integrations
APPROVED

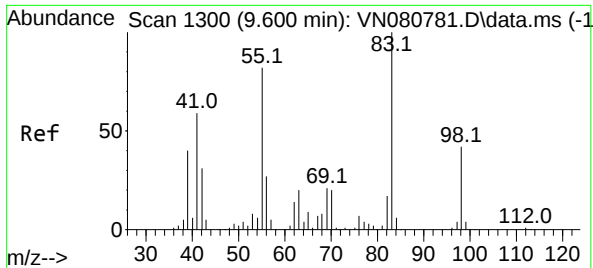
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#38
Carbon Tetrachloride
Concen: 2.499 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

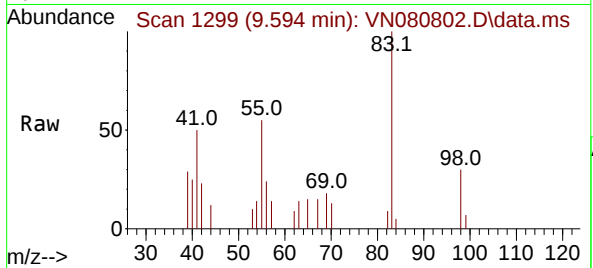
Tgt Ion:117 Resp: 5258
Ion Ratio Lower Upper
117 100
119 65.9 73.4 110.2#
121 23.6 24.4 36.6#





#39
Methylcyclohexane
Concen: 2.401 ug/l
RT: 9.594 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

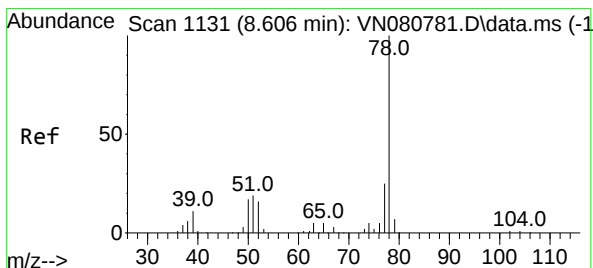
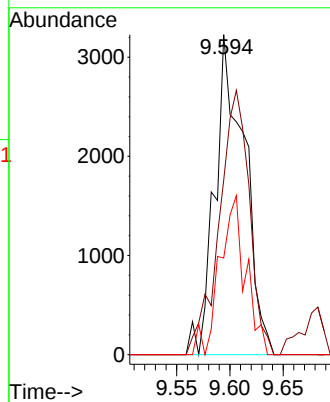
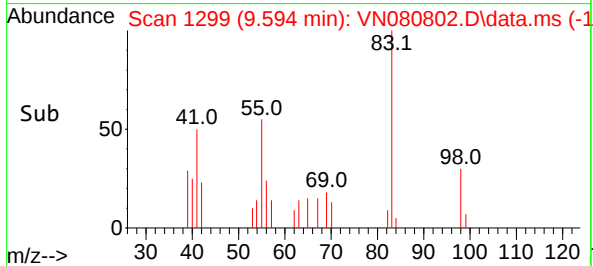
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 83 Resp: 623
Ion Ratio Lower Upper
83 100
55 54.6 65.7 98.5
98 30.2 33.8 50.6

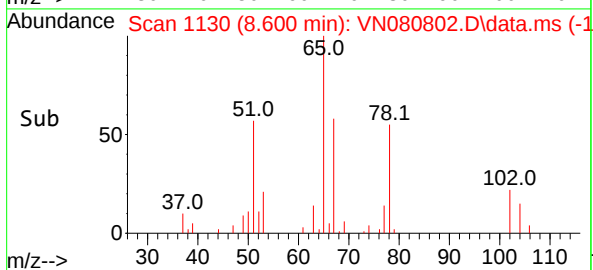
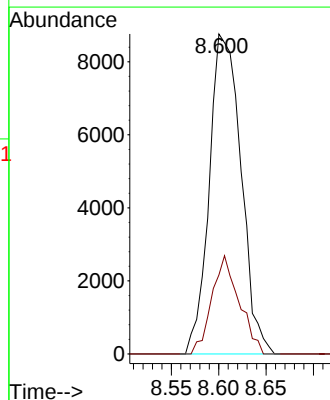
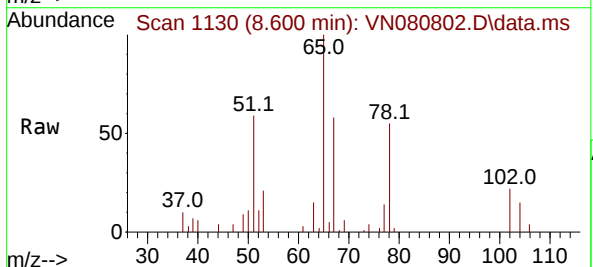
Manual Integrations
APPROVED

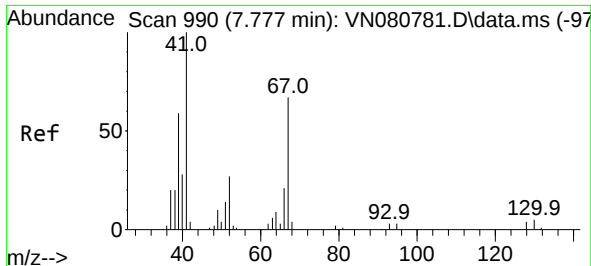
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#40
Benzene
Concen: 2.663 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

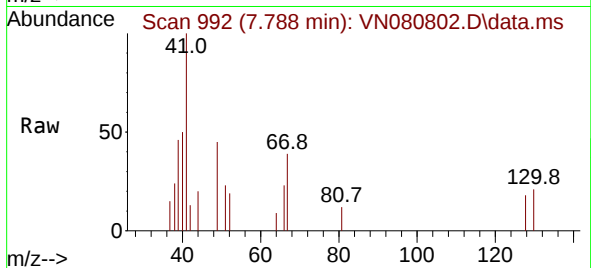
Tgt Ion: 78 Resp: 20434
Ion Ratio Lower Upper
78 100
77 24.7 20.4 30.6





#41
Methacrylonitrile
Concen: 2.605 ug/l m
RT: 7.788 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

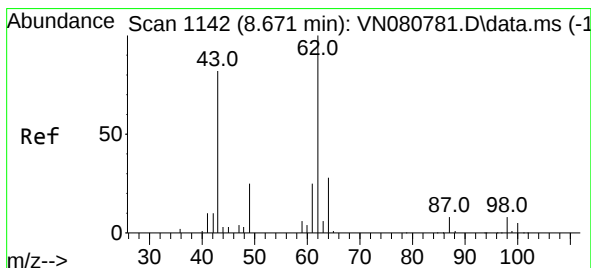
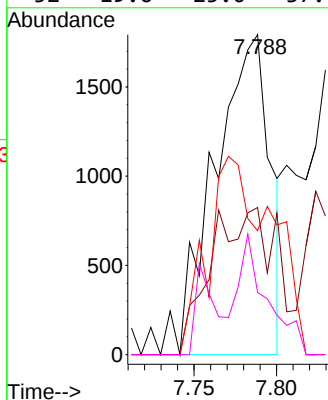
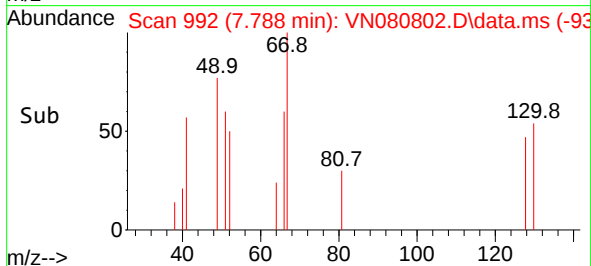
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 41 Resp: 412
Ion Ratio Lower Upper
41 100
39 53.3 48.4 72.6
67 50.1 56.8 85.2
52 19.6 25.0 37.4#

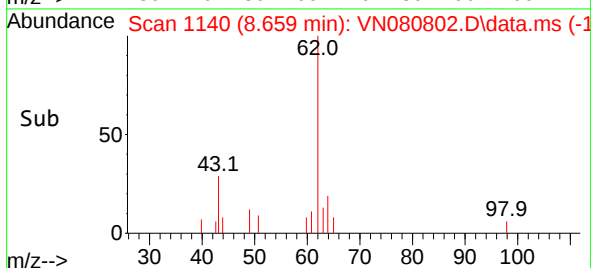
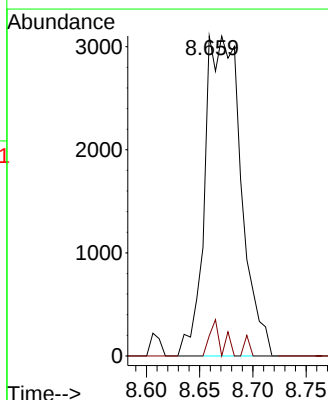
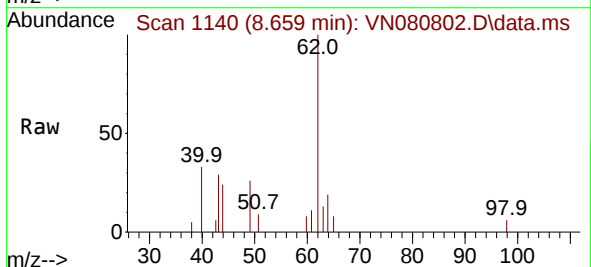
Manual Integrations
APPROVED

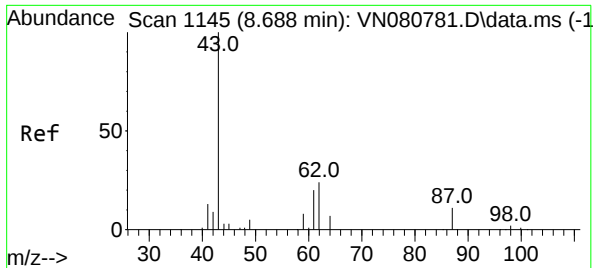
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#42
1,2-Dichloroethane
Concen: 2.930 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.012 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

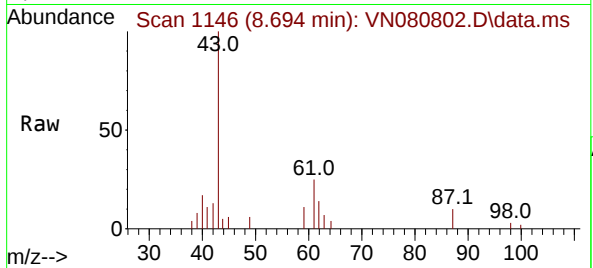
Tgt Ion: 62 Resp: 7325
Ion Ratio Lower Upper
62 100
98 3.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 2.630 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

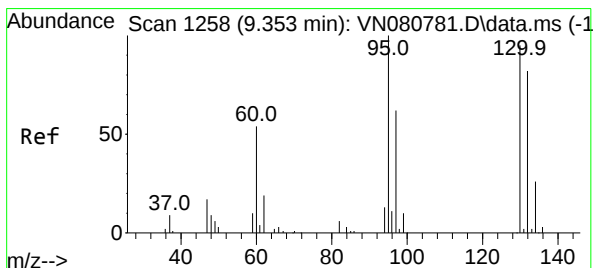
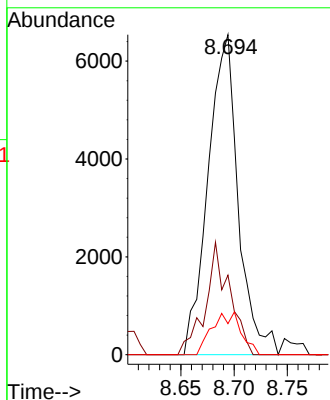
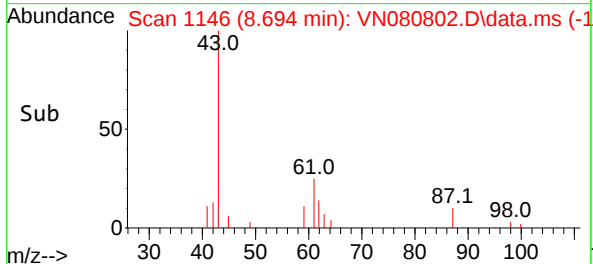
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



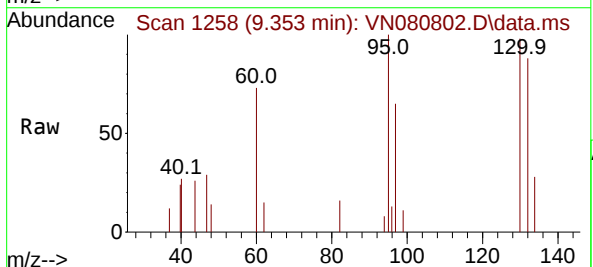
Tgt Ion: 43 Resp: 12870
Ion Ratio Lower Upper
43 100
61 28.4 19.9 29.9
87 12.7 9.0 13.6

Manual Integrations
APPROVED

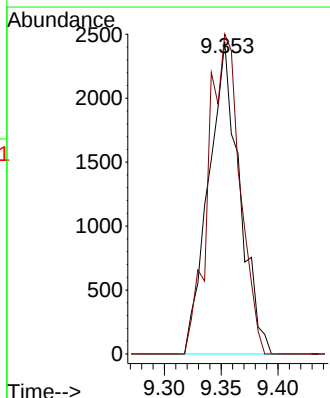
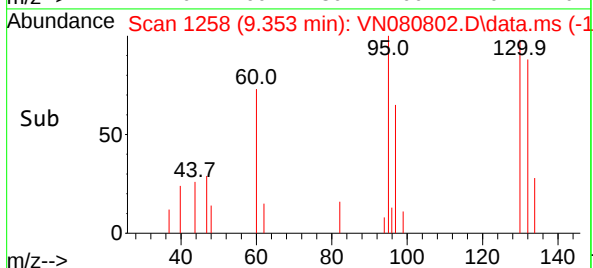
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

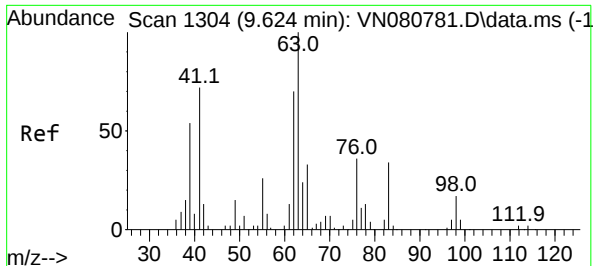


#44
Trichloroethene
Concen: 2.727 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



Tgt Ion:130 Resp: 4609
Ion Ratio Lower Upper
130 100
95 102.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 2.486 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 63 Resp: 5164

Ion Ratio Lower Upper

63 100

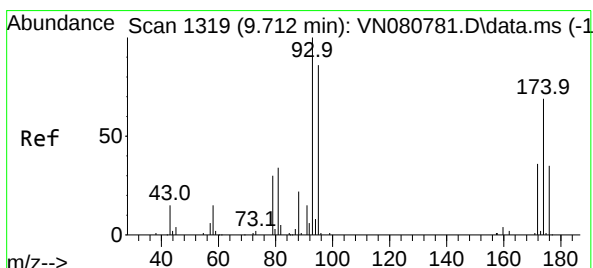
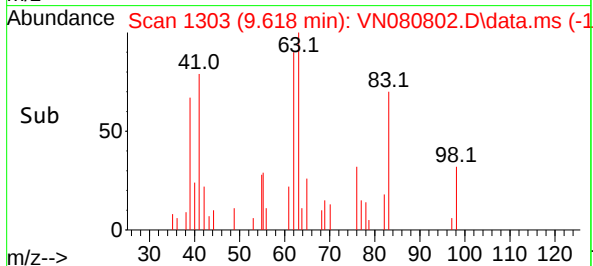
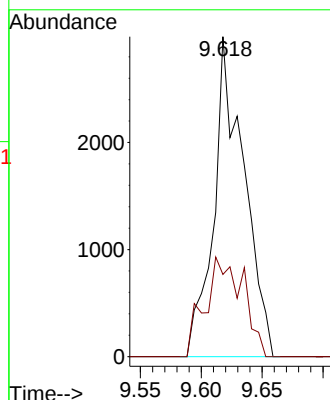
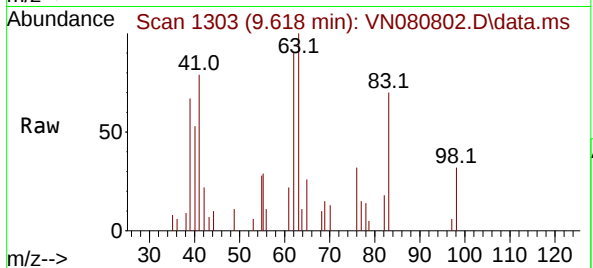
65 25.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#46

Dibromomethane

Concen: 2.661 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

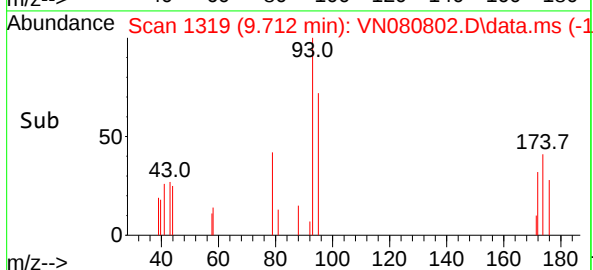
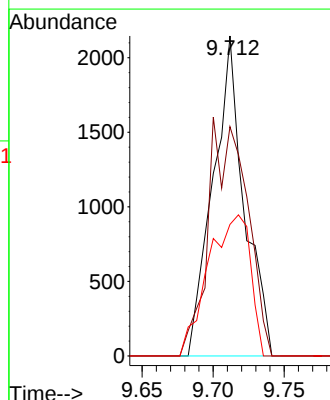
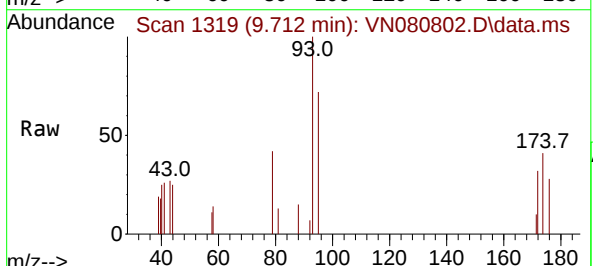
Tgt Ion: 93 Resp: 3276

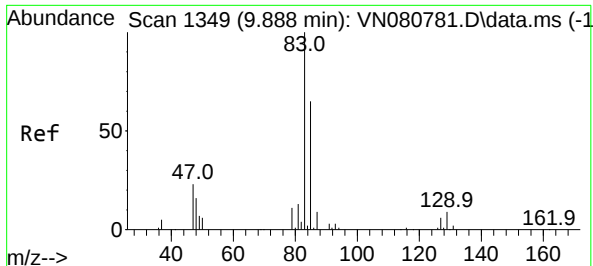
Ion Ratio Lower Upper

93 100

95 92.2 68.1 102.1

174 59.6 57.2 85.8





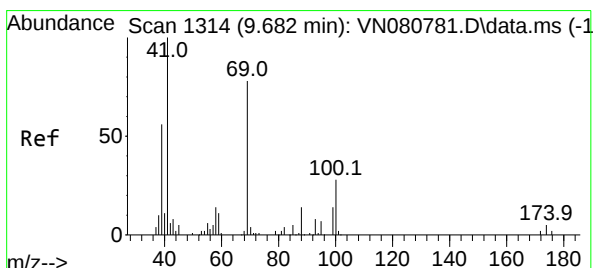
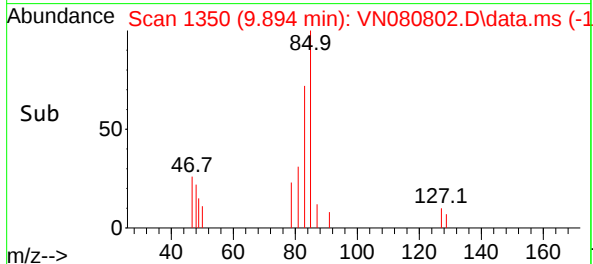
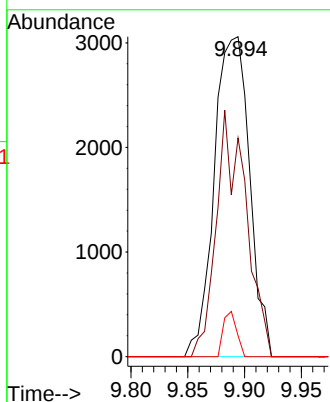
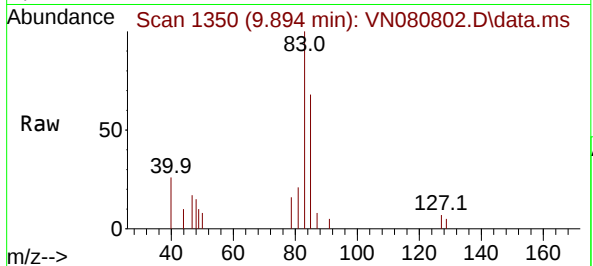
#47
Bromodichloromethane
Concen: 2.642 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 83 Resp: 6604
Ion Ratio Lower Upper
83 100
85 68.3 52.3 78.5
127 6.6 4.6 7.0

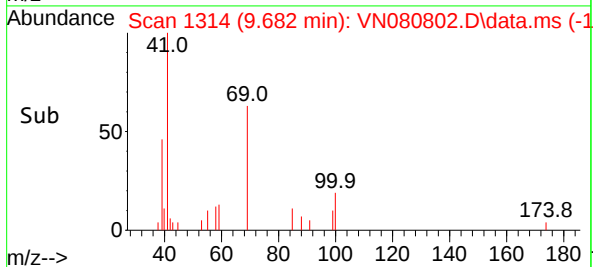
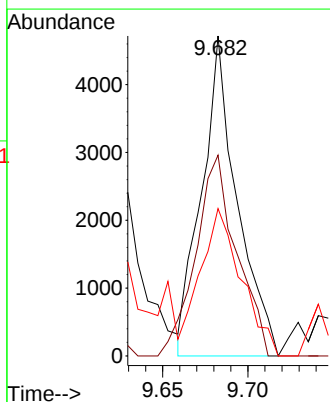
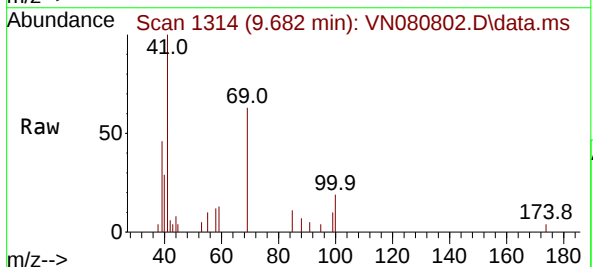
Manual Integrations
APPROVED

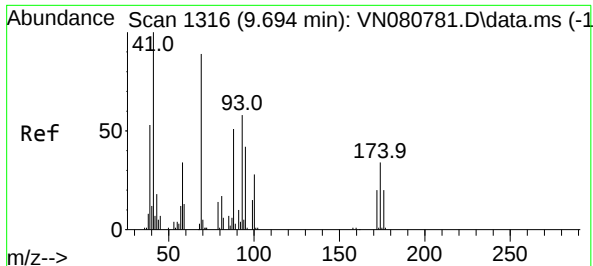
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#48
Methyl methacrylate
Concen: 2.883 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Tgt Ion: 41 Resp: 6839
Ion Ratio Lower Upper
41 100
69 72.2 62.2 93.2
39 53.5 47.6 71.4





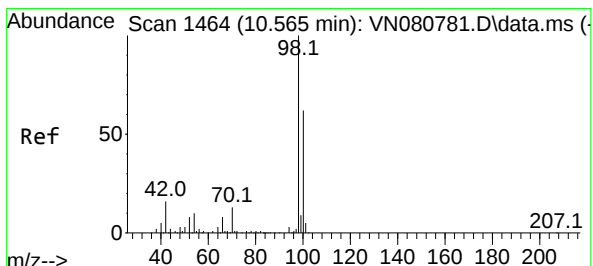
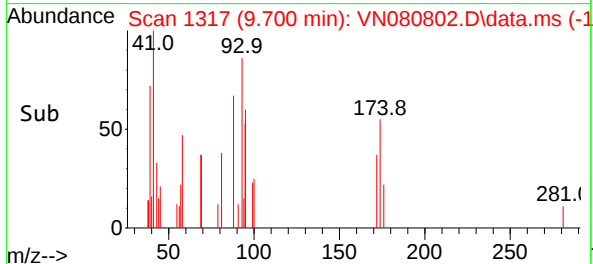
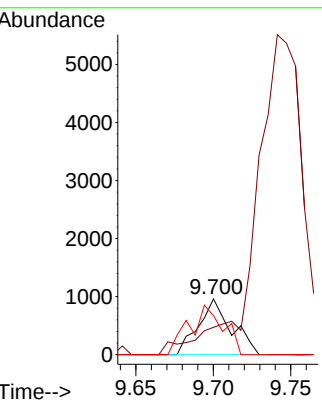
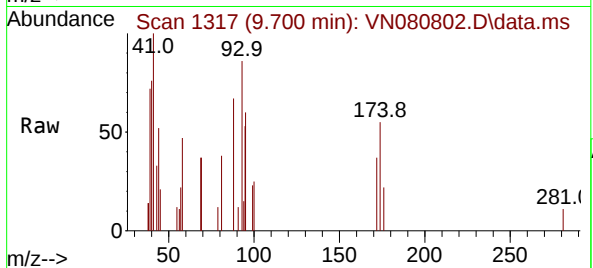
#49
1,4-Dioxane
Concen: 49.444 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 88 Resp: 141
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 93.1 63.9 95.9

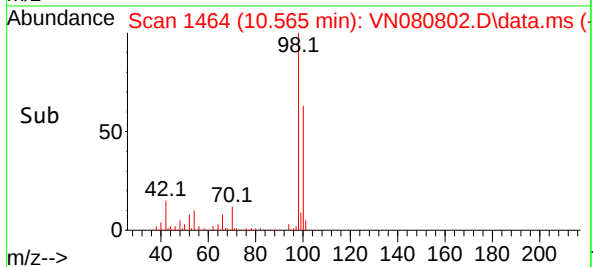
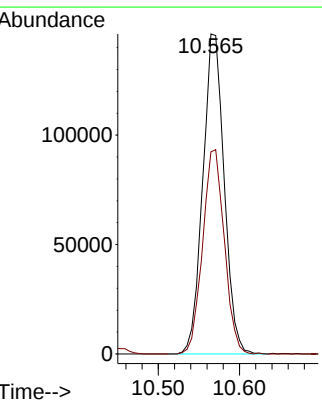
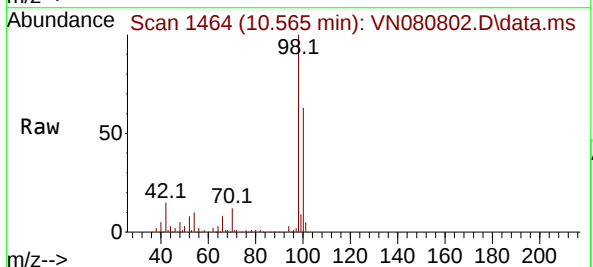
Manual Integrations
APPROVED

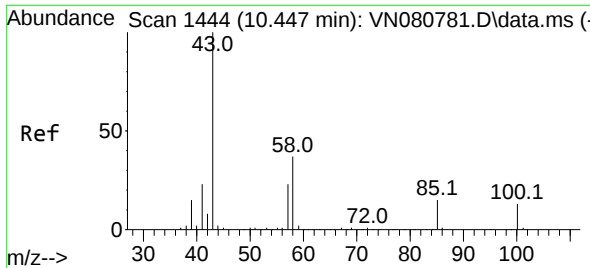
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#50
Toluene-d8
Concen: 48.700 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Tgt Ion: 98 Resp: 267770
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0





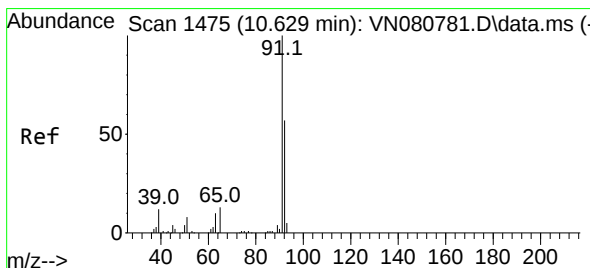
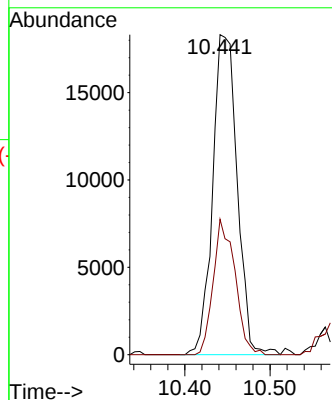
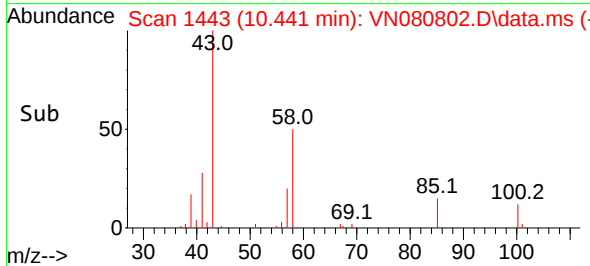
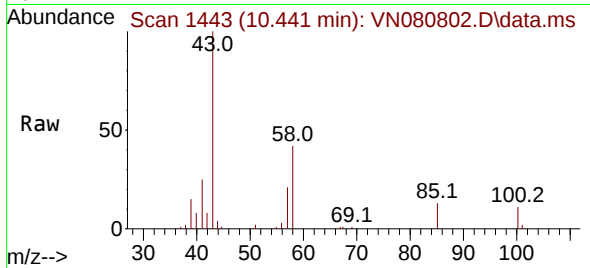
#51
4-Methyl-2-Pentanone
Concen: 13.414 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 43 Resp: 36698
Ion Ratio Lower Upper
43 100
58 37.5 29.4 44.0

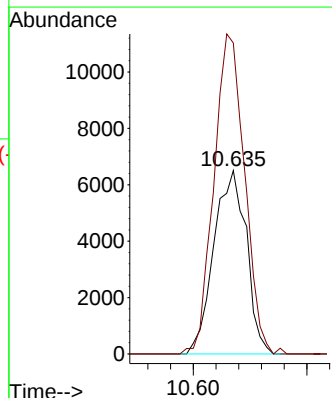
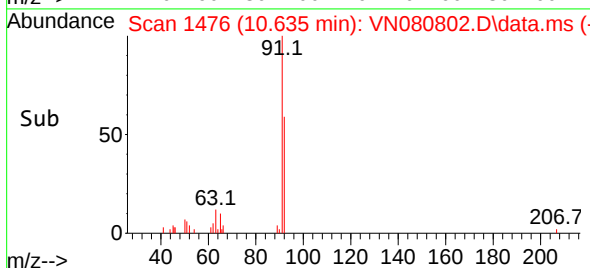
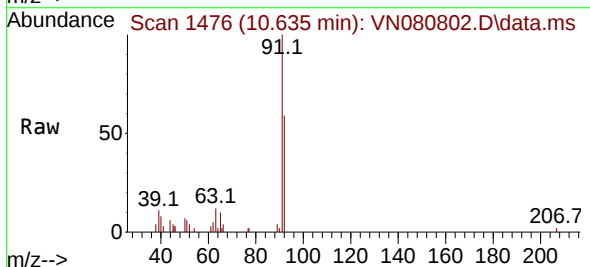
Manual Integrations
APPROVED

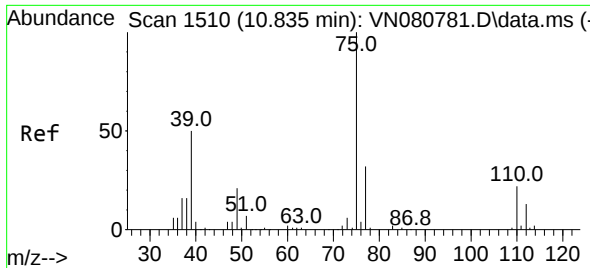
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#52
Toluene
Concen: 2.935 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

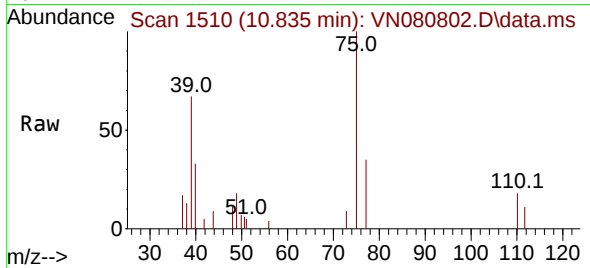
Tgt Ion: 92 Resp: 12914
Ion Ratio Lower Upper
92 100
91 165.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 2.266 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

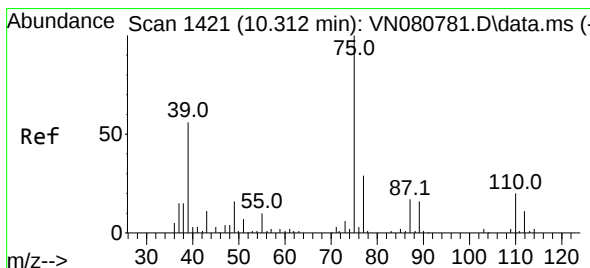
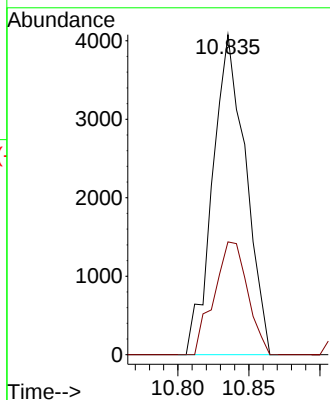
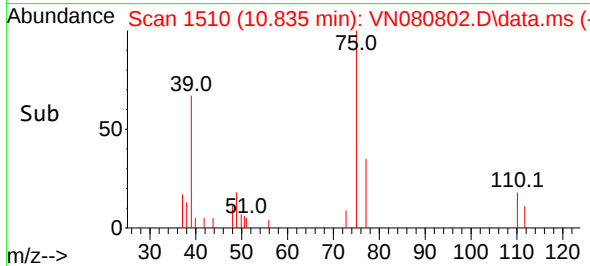
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



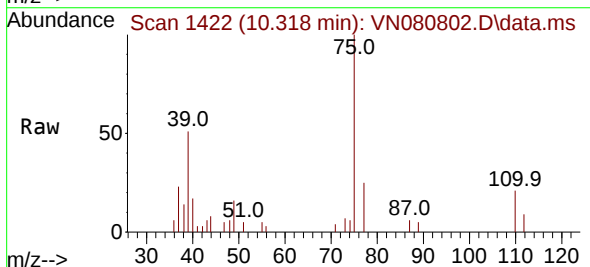
Tgt Ion: 75 Resp: 6598
Ion Ratio Lower Upper
75 100
77 35.3 25.5 38.3

Manual Integrations
APPROVED

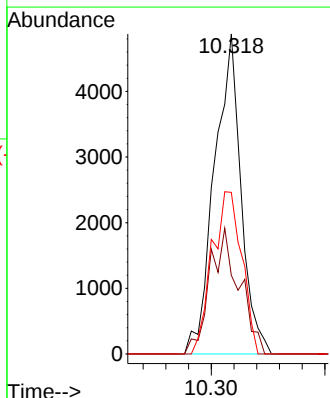
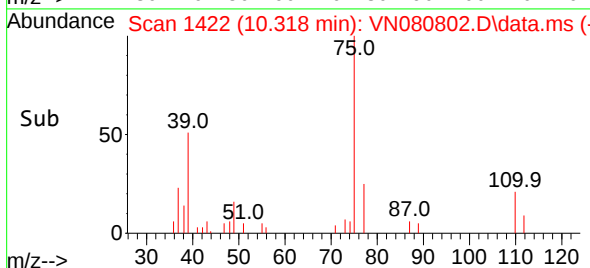
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

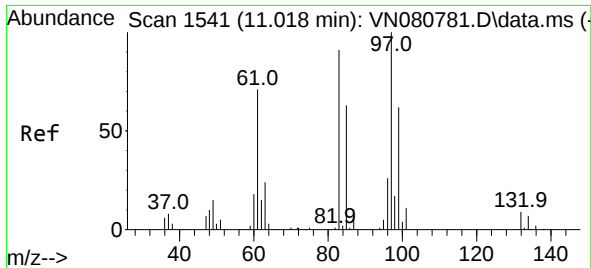


#54
cis-1,3-Dichloropropene
Concen: 2.499 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



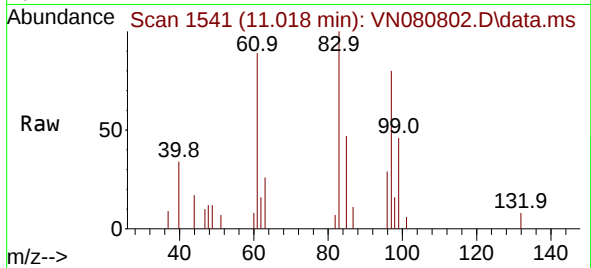
Tgt Ion: 75 Resp: 7914
Ion Ratio Lower Upper
75 100
77 24.6 23.3 34.9
39 50.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 2.362 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

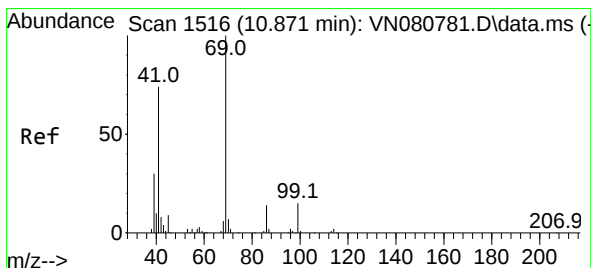
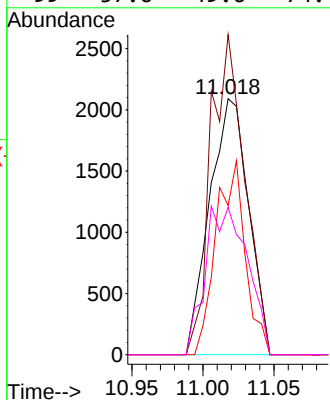
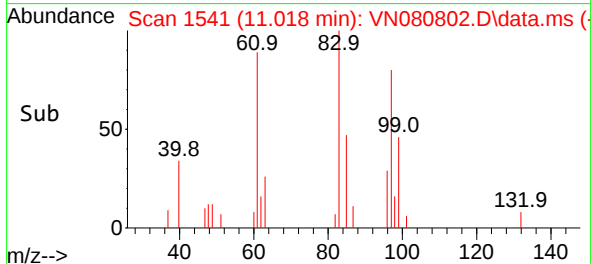
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



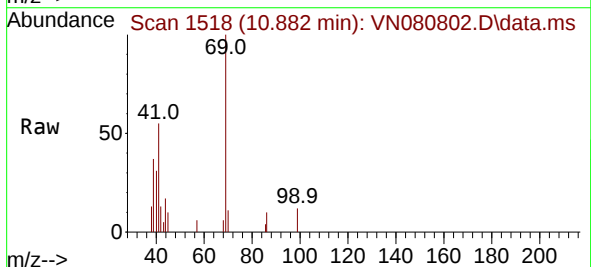
Tgt Ion: 97 Resp: 3994
Ion Ratio Lower Upper
97 100
83 125.0 72.9 109.3
85 58.3 50.2 75.2
99 57.6 49.6 74.4

Manual Integrations
APPROVED

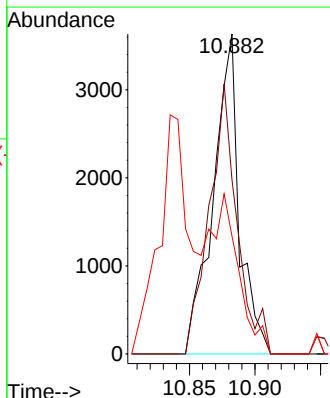
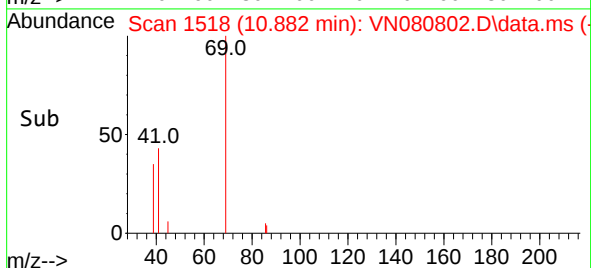
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

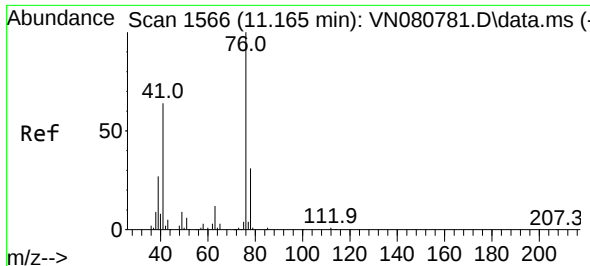


#56
Ethyl methacrylate
Concen: 1.937 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.011 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



Tgt Ion: 69 Resp: 5035
Ion Ratio Lower Upper
69 100
41 90.0 61.0 91.6
39 54.2 31.8 47.6





#57

1,3-Dichloropropane

Concen: 2.761 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.006 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 76 Resp: 878

Ion Ratio Lower Upper

76 100

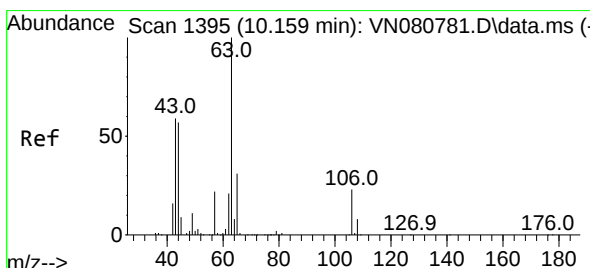
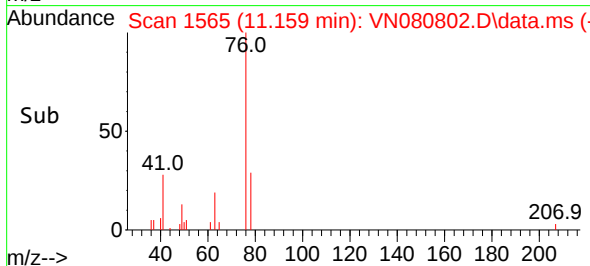
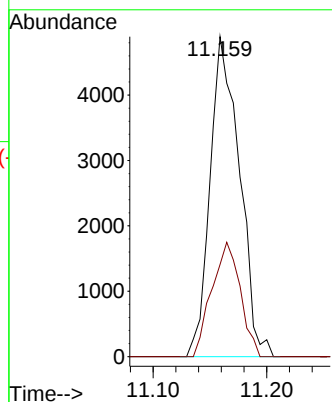
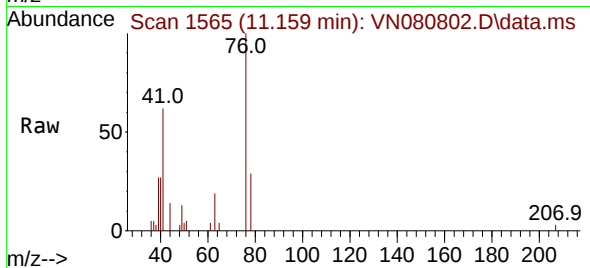
78 34.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#58

2-Chloroethyl Vinyl ether

Concen: 11.799 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080802.D

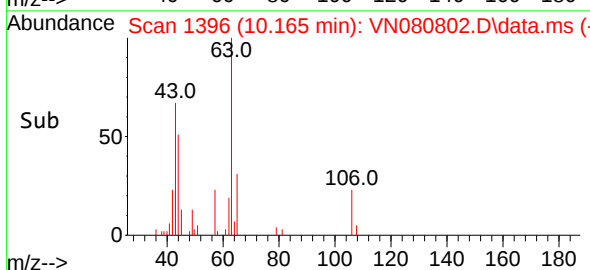
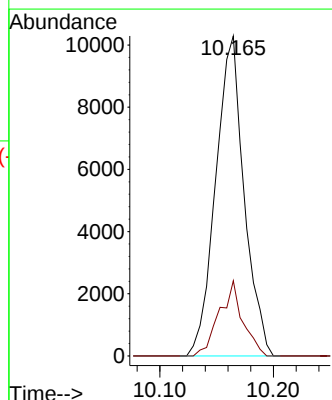
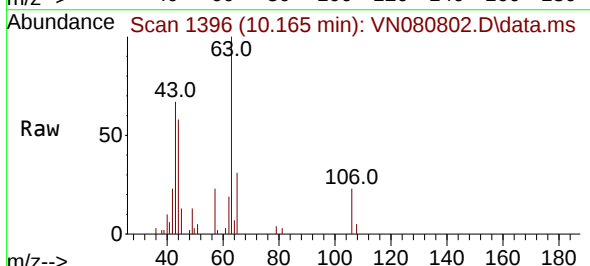
Acq: 29 Jan 2024 19:41

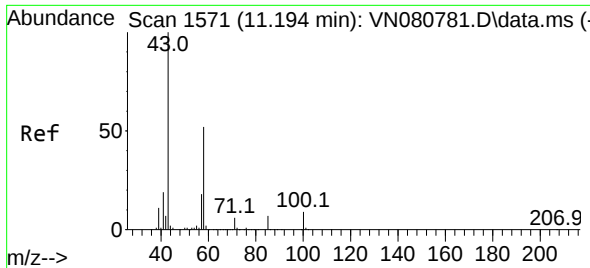
Tgt Ion: 63 Resp: 17880

Ion Ratio Lower Upper

63 100

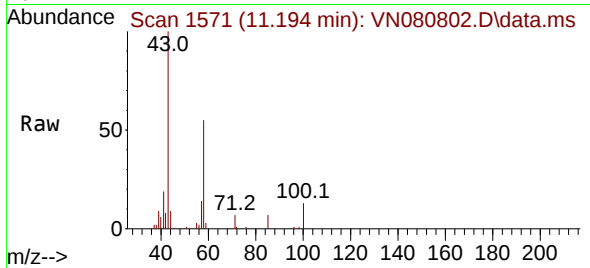
106 19.4 18.6 28.0





#59
2-Hexanone
Concen: 12.544 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

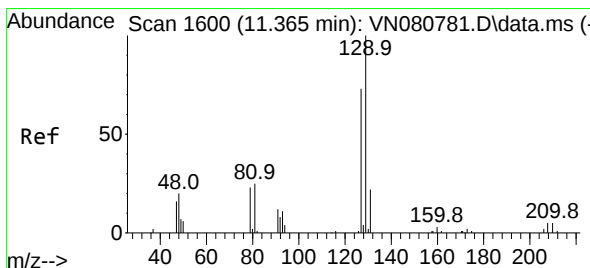
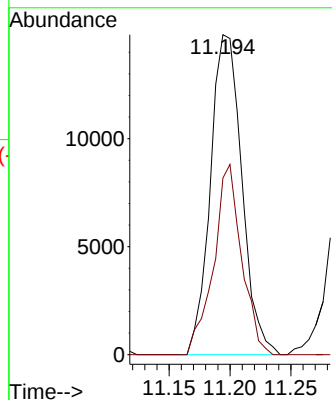
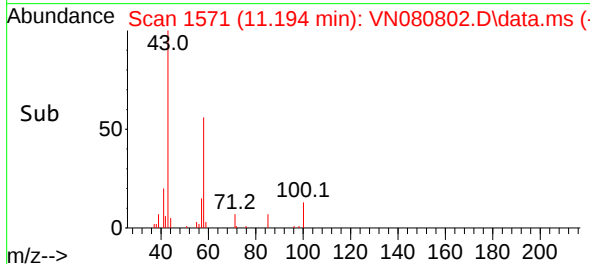
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 43 Resp: 2665
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.8

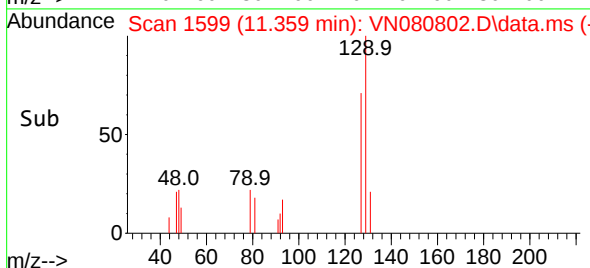
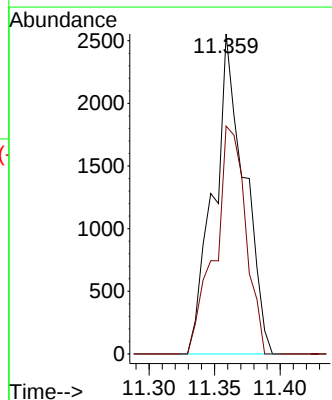
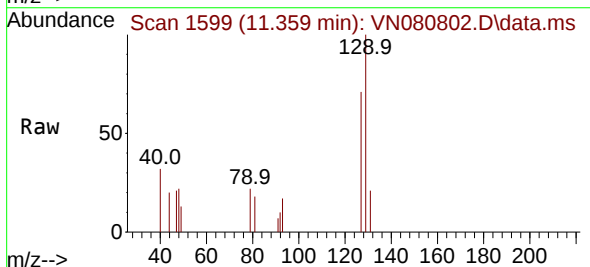
Manual Integrations
APPROVED

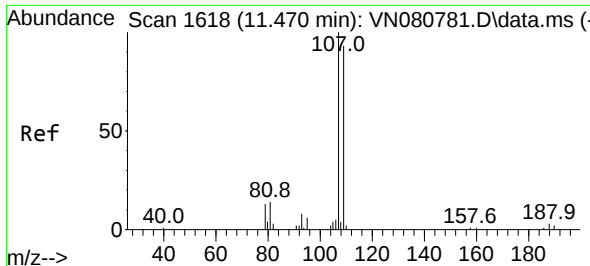
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#60
Dibromochloromethane
Concen: 2.639 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

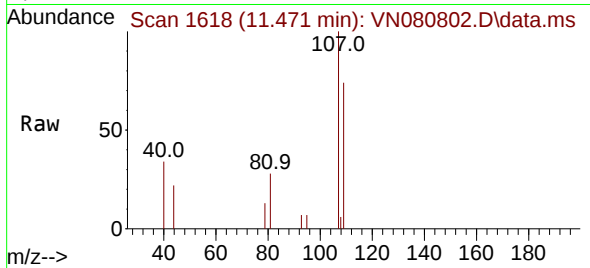
Tgt Ion:129 Resp: 4151
Ion Ratio Lower Upper
129 100
127 71.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 2.718 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

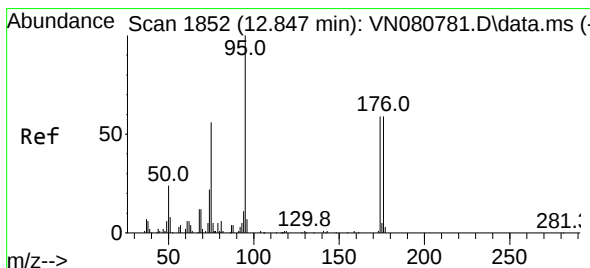
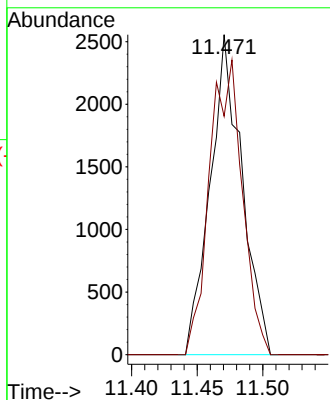
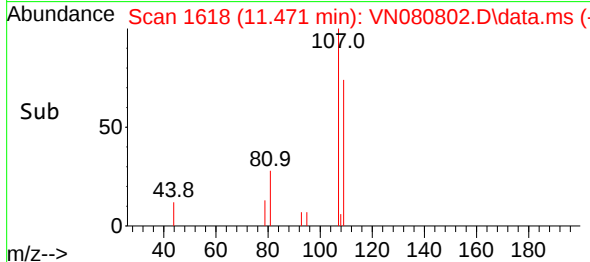
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



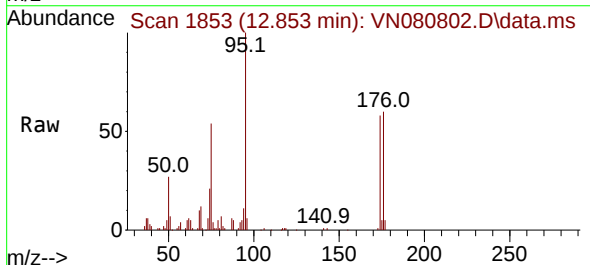
Tgt Ion:107 Resp: 4308
Ion Ratio Lower Upper
107 100
109 95.1 73.4 110.2

Manual Integrations
APPROVED

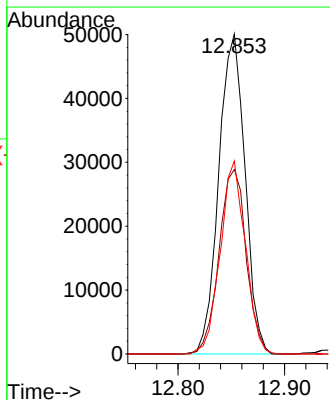
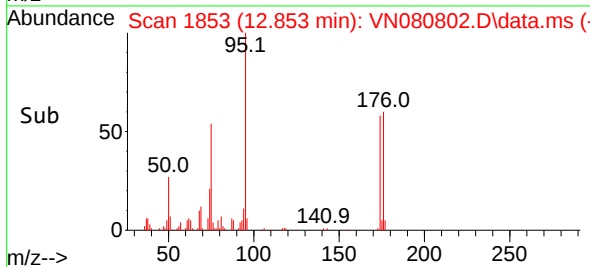
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

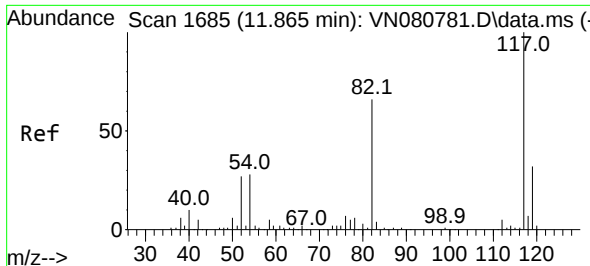


#62
4-Bromofluorobenzene
Concen: 44.673 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



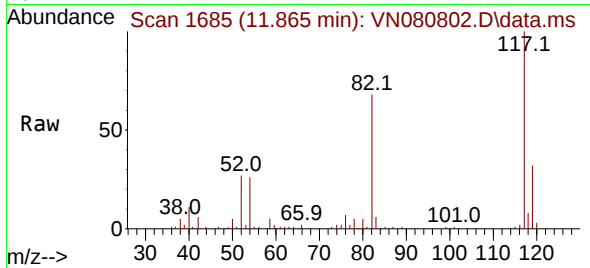
Tgt Ion: 95 Resp: 85594
Ion Ratio Lower Upper
95 100
174 59.6 0.0 120.4
176 57.9 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

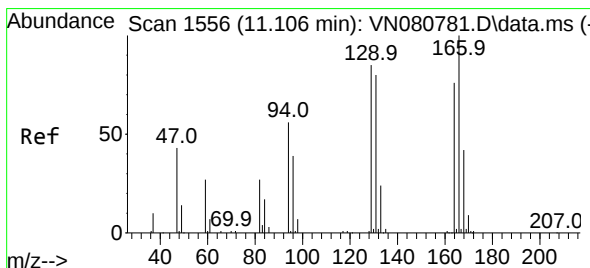
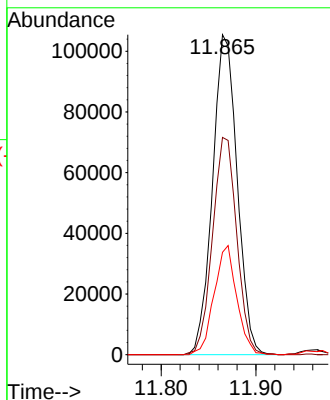
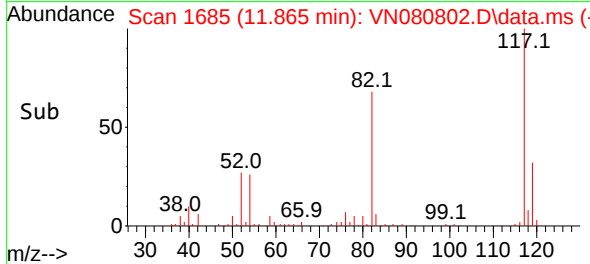
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



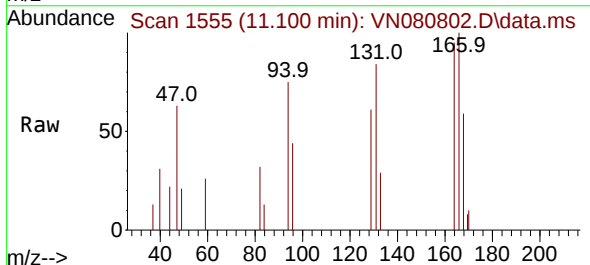
Tgt Ion:117 Resp: 19070
Ion Ratio Lower Upper
117 100
82 67.9 52.7 79.1
119 32.0 25.3 37.9

Manual Integrations
APPROVED

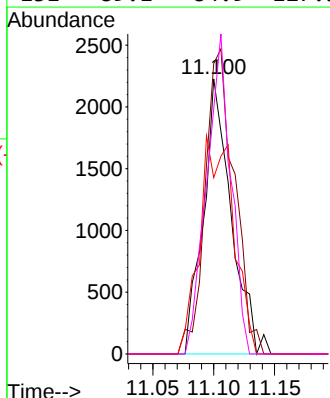
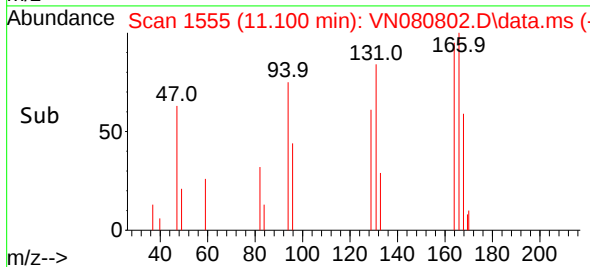
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

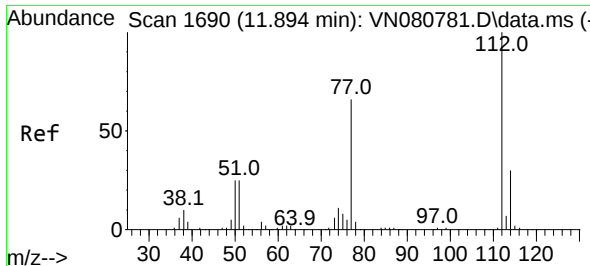


#64
Tetrachloroethene
Concen: 2.827 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



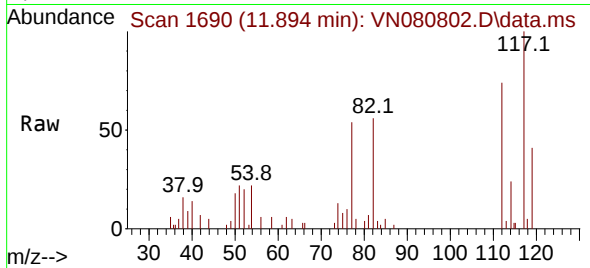
Tgt Ion:164 Resp: 3544
Ion Ratio Lower Upper
164 100
166 105.5 105.8 158.6#
129 64.1 89.6 134.4#
131 89.1 84.9 127.3





#65
Chlorobenzene
Concen: 2.634 ug/l
RT: 11.894 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

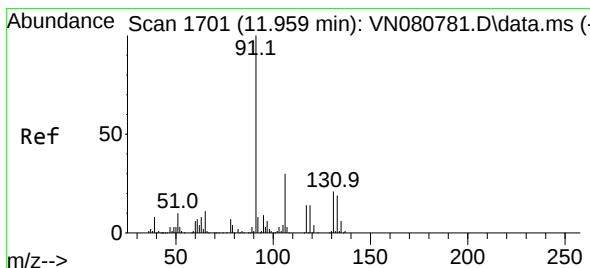
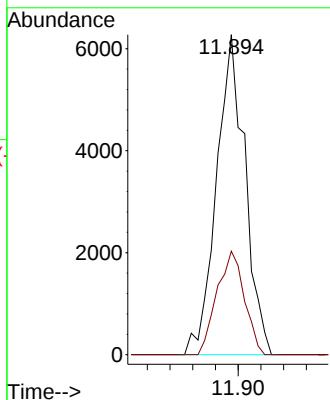
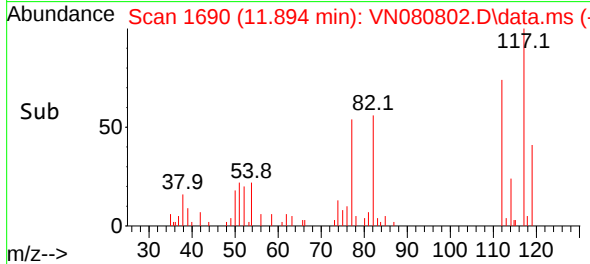
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:112 Resp: 1096
Ion Ratio Lower Upper
112 100
114 32.3 23.7 35.5

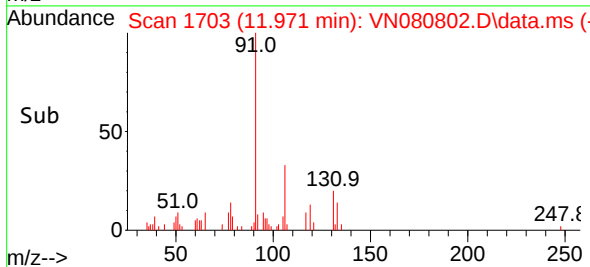
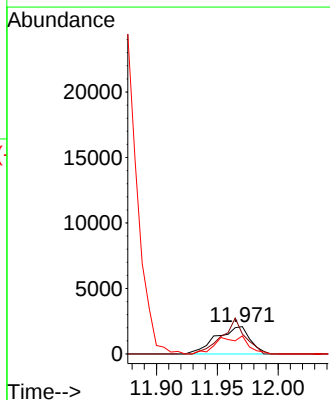
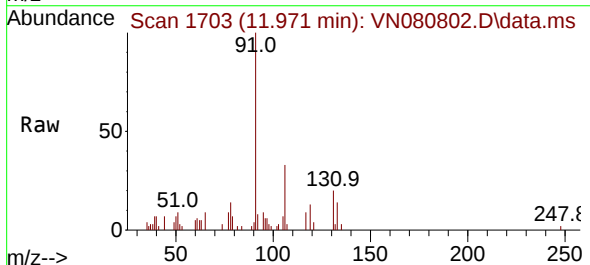
Manual Integrations
APPROVED

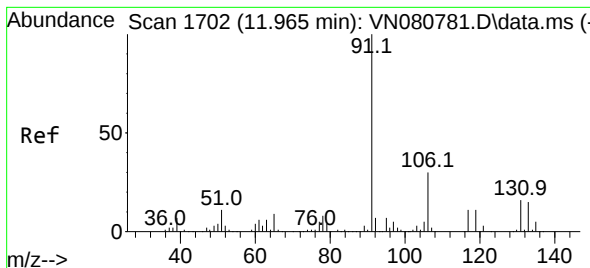
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.983 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Tgt Ion:131 Resp: 4037
Ion Ratio Lower Upper
131 100
133 88.9 46.8 140.3
119 58.6 34.6 103.9





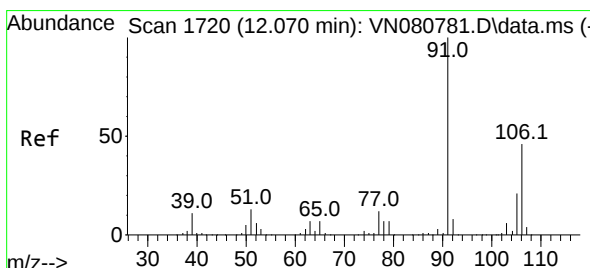
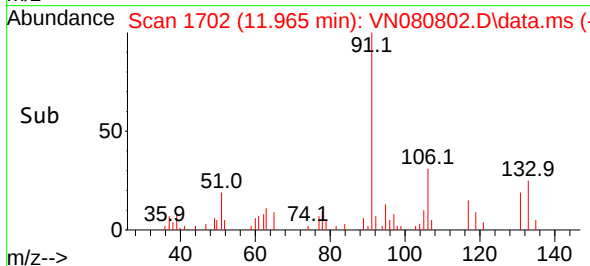
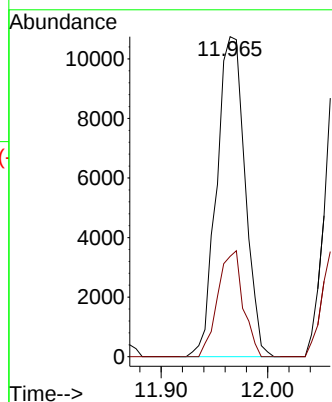
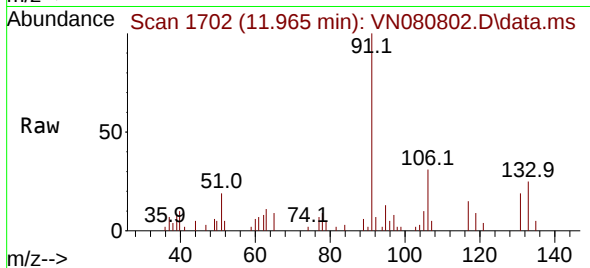
#67
Ethyl Benzene
Concen: 2.574 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 91 Resp: 1990
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6

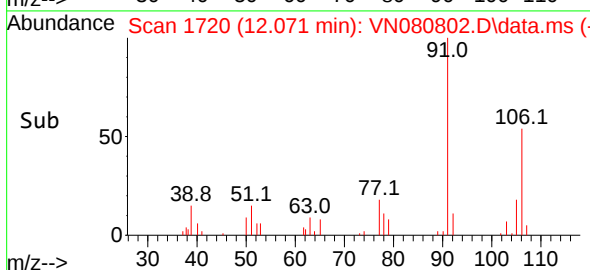
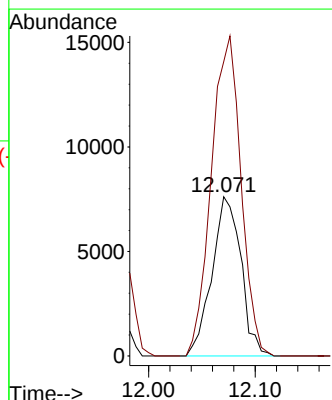
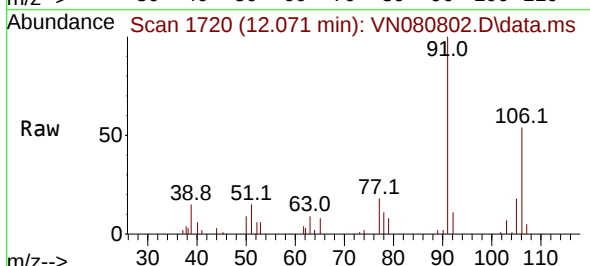
Manual Integrations
APPROVED

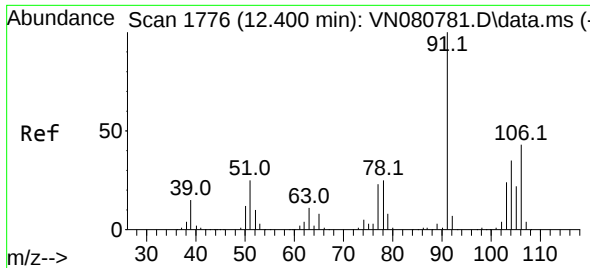
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#68
m/p-Xylenes
Concen: 5.255 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Tgt Ion:106 Resp: 14436
Ion Ratio Lower Upper
106 100
91 205.5 169.0 253.6





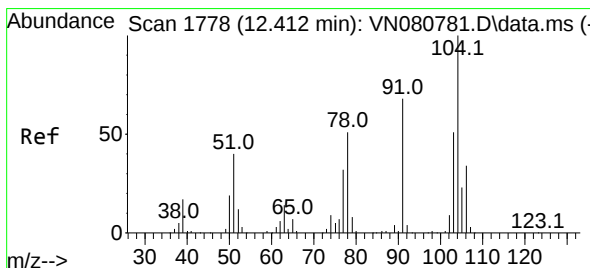
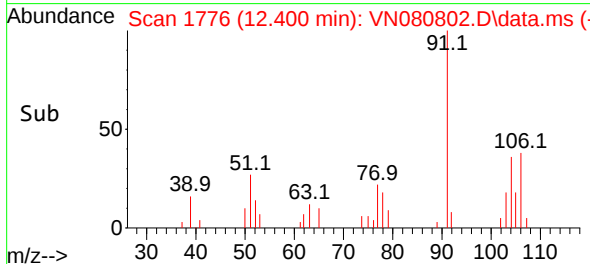
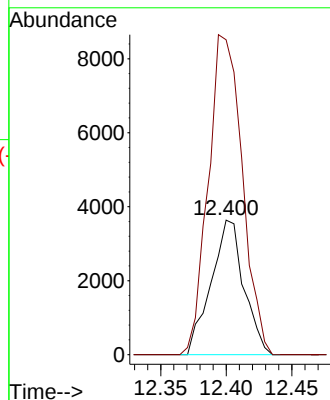
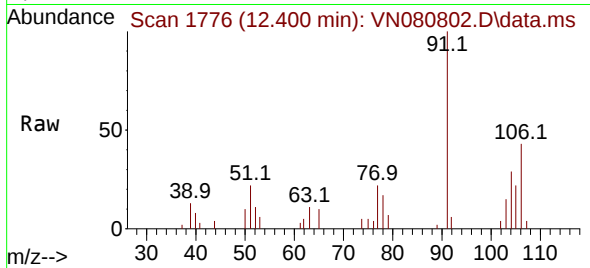
#69
o-Xylene
Concen: 2.321 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:106 Resp: 633
Ion Ratio Lower Upper
106 100
91 246.3 112.1 336.3

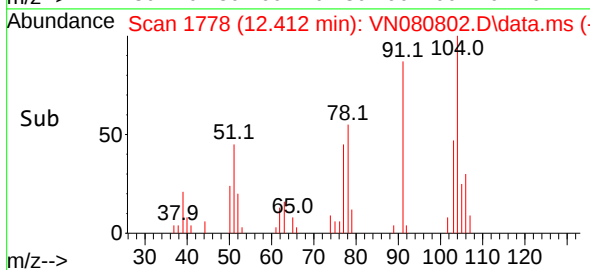
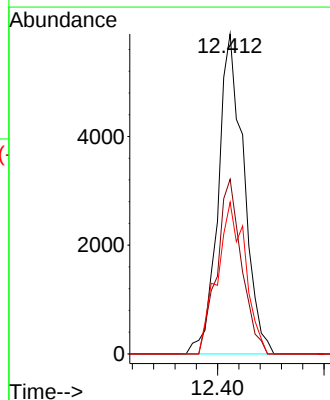
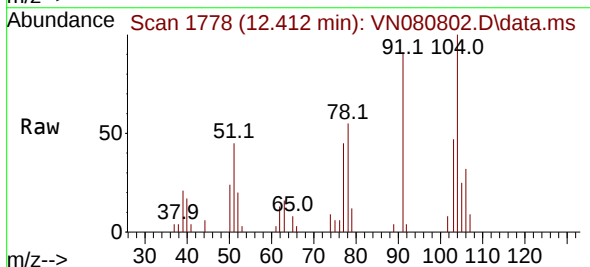
Manual Integrations
APPROVED

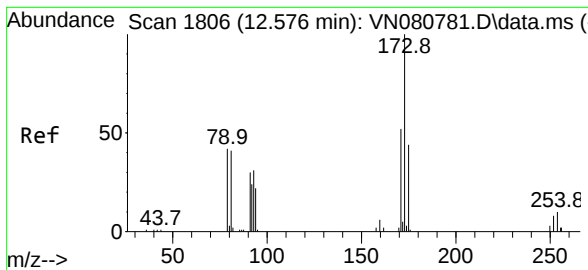
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#70
Styrene
Concen: 2.235 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

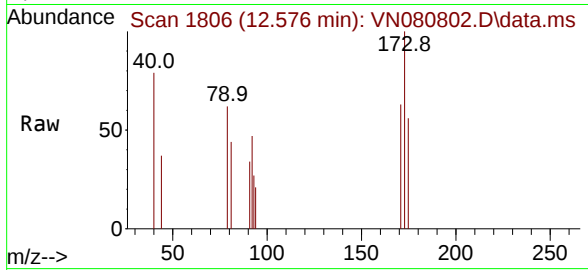
Tgt Ion:104 Resp: 9799
Ion Ratio Lower Upper
104 100
78 52.5 43.8 65.8
103 52.4 44.2 66.2





#71
Bromoform
Concen: 2.564 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

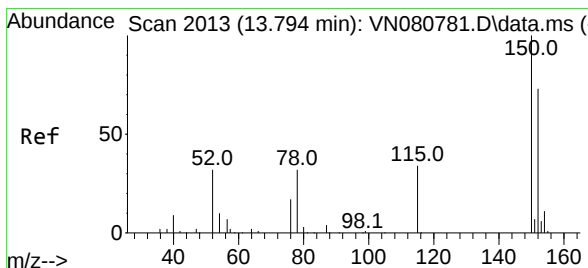
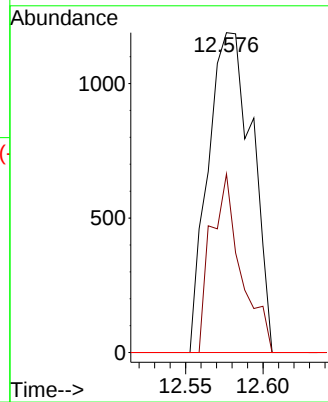
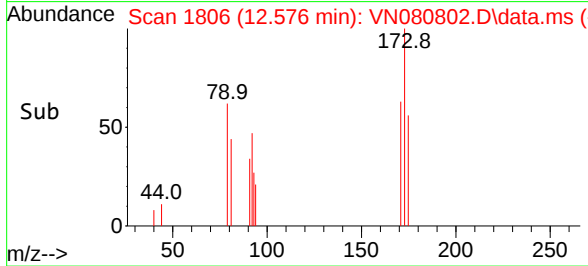
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



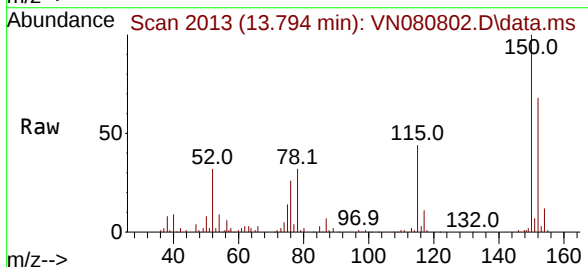
Tgt Ion:173 Resp: 2340
Ion Ratio Lower Upper
173 100
175 38.2 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

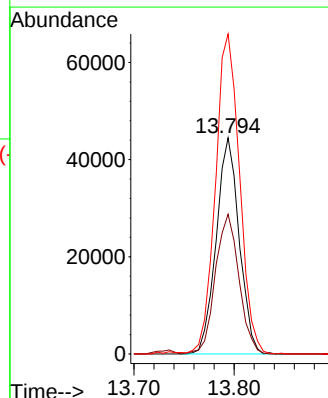
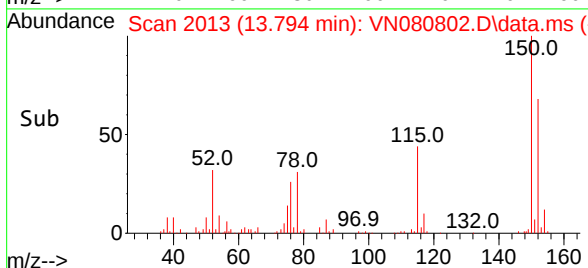
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

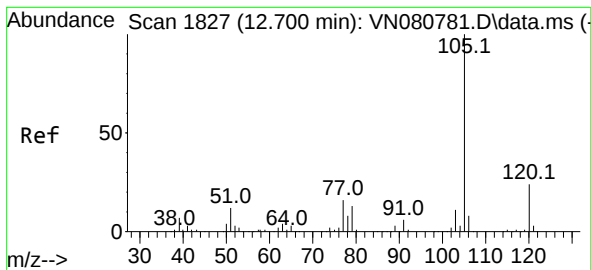


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



Tgt Ion:152 Resp: 70722
Ion Ratio Lower Upper
152 100
115 66.5 32.3 96.8
150 155.1 0.0 339.8





#73

Isopropylbenzene

Concen: 2.504 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

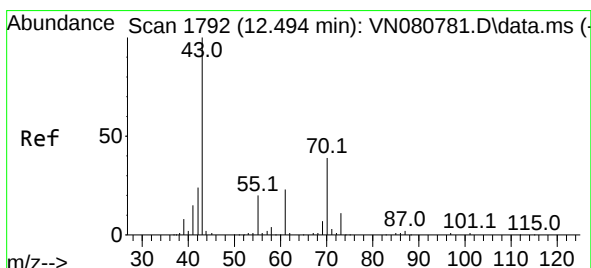
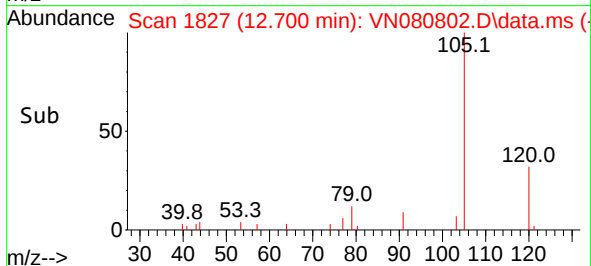
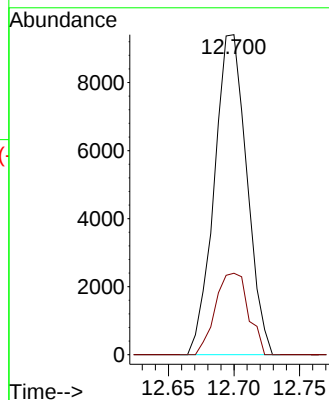
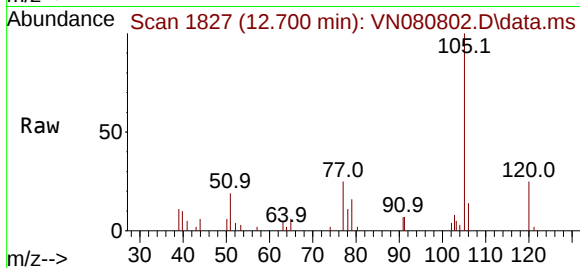
Tgt Ion:105 Resp: 16220
 Ion Ratio Lower Upper
 105 100
 120 25.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#74

N-ethyl acetate

Concen: 2.760 ug/l

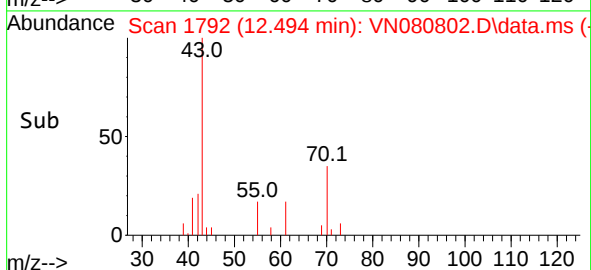
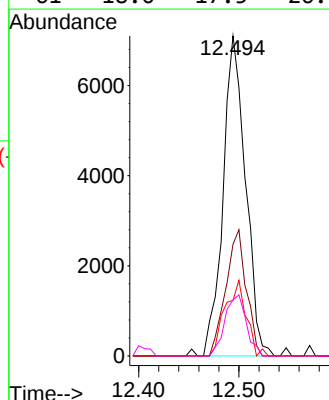
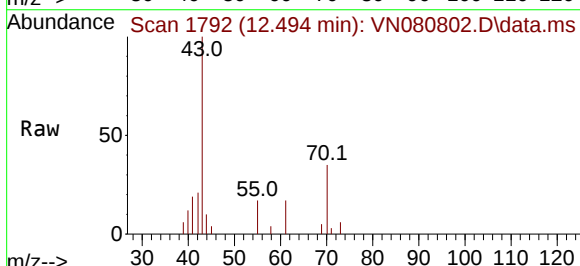
RT: 12.494 min Scan# 1792

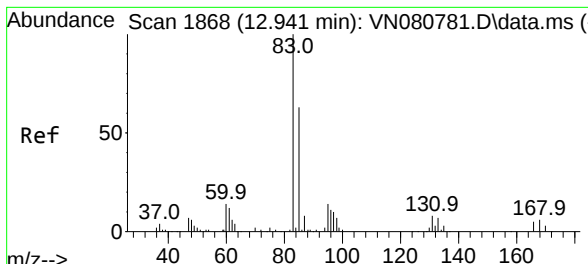
Delta R.T. 0.000 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

Tgt Ion: 43 Resp: 11099
 Ion Ratio Lower Upper
 43 100
 70 35.7 30.1 45.1
 55 22.2 17.0 25.4
 61 18.0 17.5 26.3





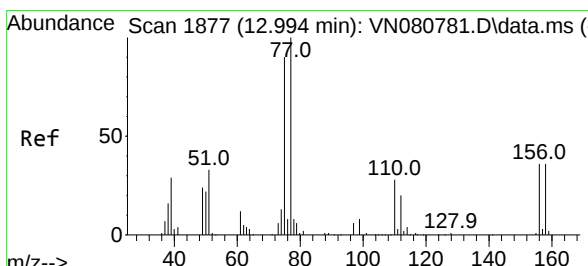
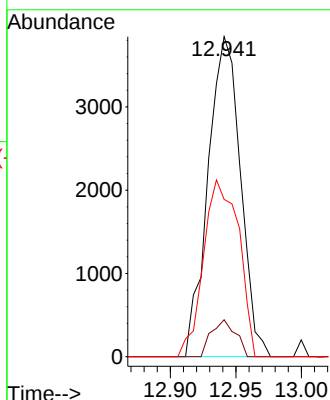
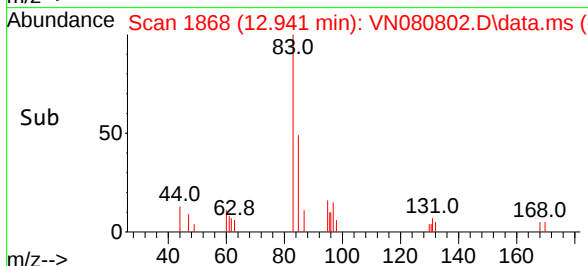
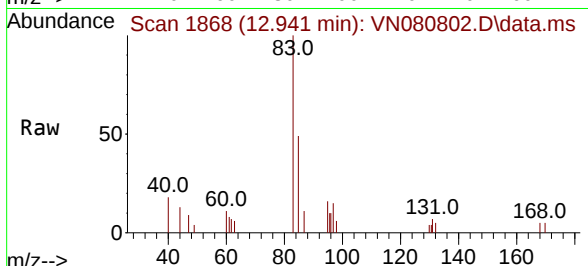
#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.909 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080802.D
 Acq: 29 Jan 2024 19:41

Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 83 Resp: 6620
 Ion Ratio Lower Upper
 83 100
 131 8.6 4.1 12.3
 85 59.9 32.1 96.3

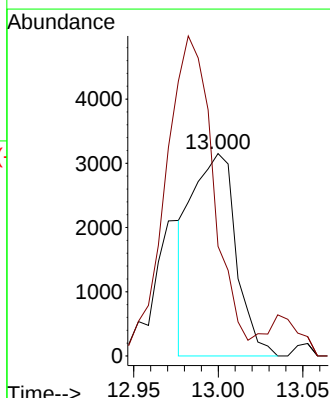
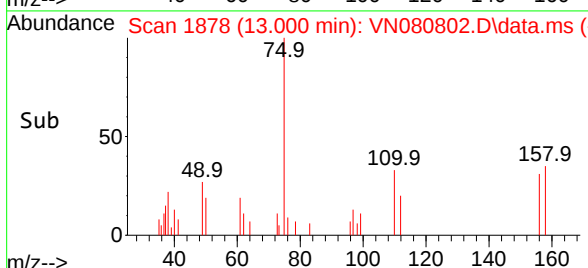
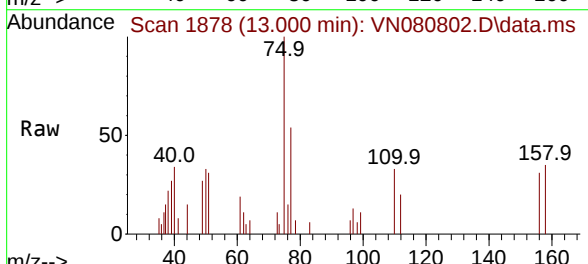
Manual Integrations
 APPROVED

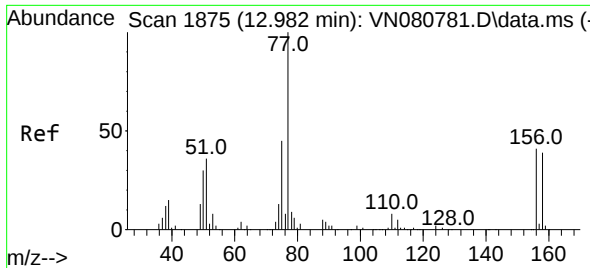
Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#76
 1,2,3-Trichloropropane
 Concen: 2.720 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VN080802.D
 Acq: 29 Jan 2024 19:41

Tgt Ion: 75 Resp: 5802
 Ion Ratio Lower Upper
 75 100
 77 170.4 91.0 272.8





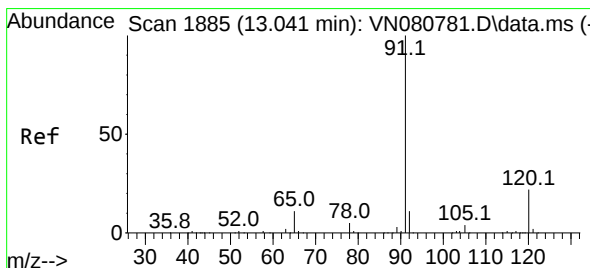
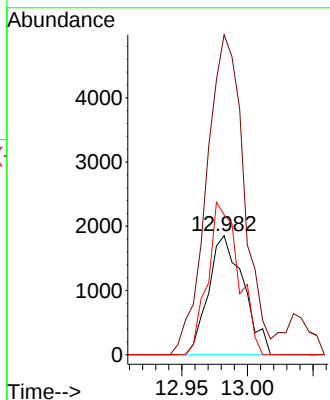
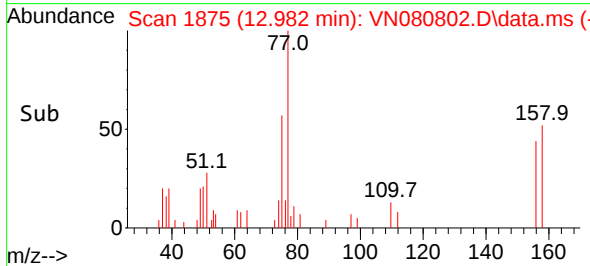
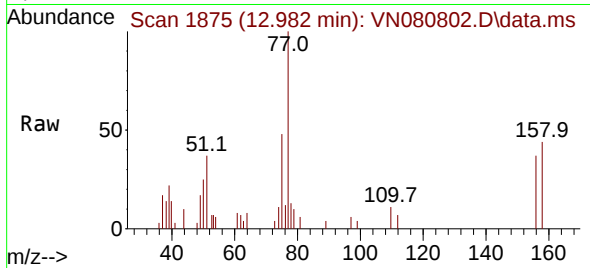
#77
Bromobenzene
Concen: 2.486 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion:156 Resp: 344
Ion Ratio Lower Upper
156 100
77 287.2 138.1 414.3
158 113.5 46.5 139.5

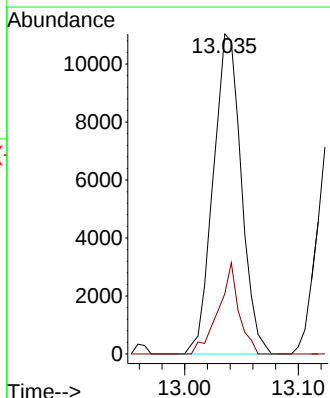
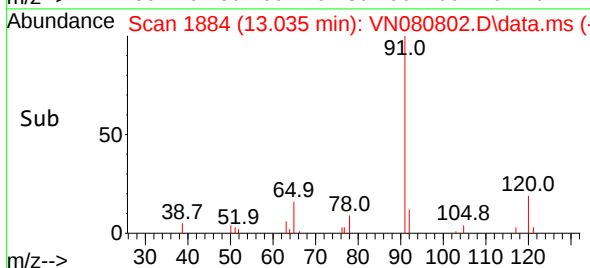
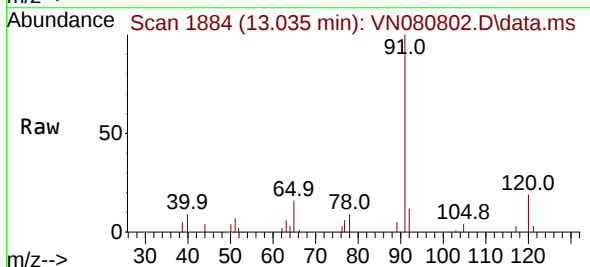
Manual Integrations
APPROVED

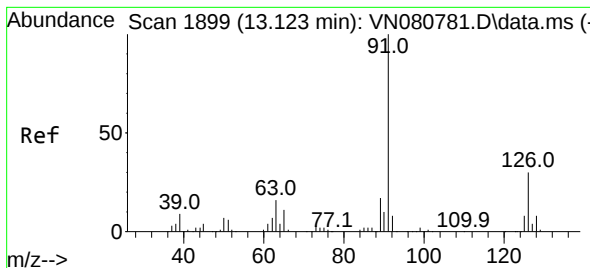
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#78
n-propylbenzene
Concen: 2.448 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Tgt Ion: 91 Resp: 18941
Ion Ratio Lower Upper
91 100
120 20.8 10.3 30.9





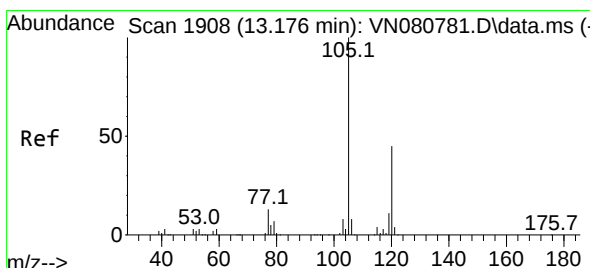
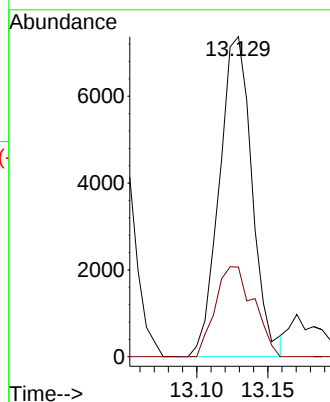
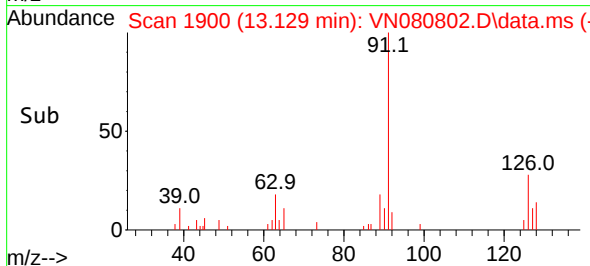
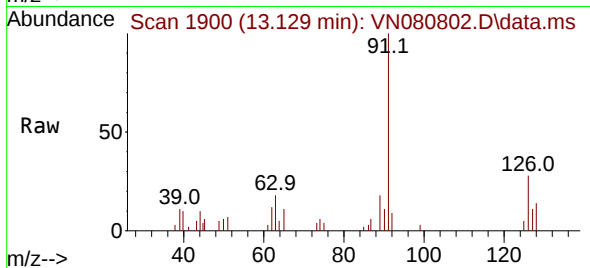
#79
2-Chlorotoluene
Concen: 2.412 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 91 Resp: 1186
Ion Ratio Lower Upper
91 100
126 32.8 14.8 44.4

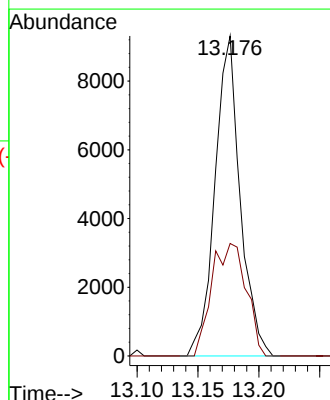
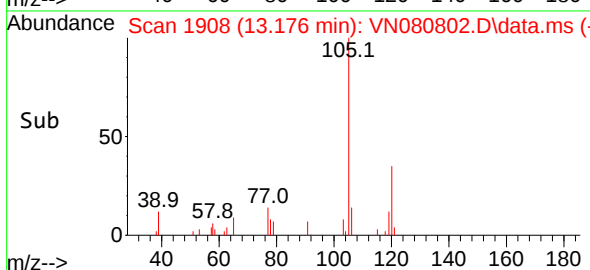
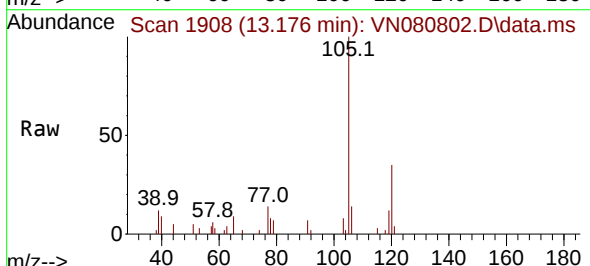
Manual Integrations
APPROVED

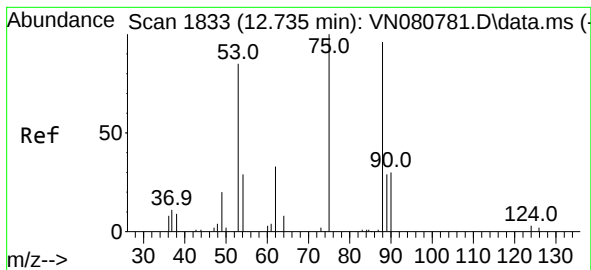
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.596 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

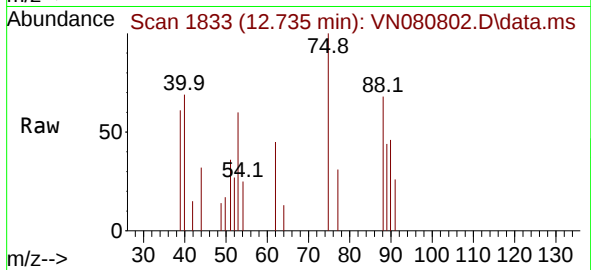
Tgt Ion:105 Resp: 13392
Ion Ratio Lower Upper
105 100
120 48.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 2.451 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

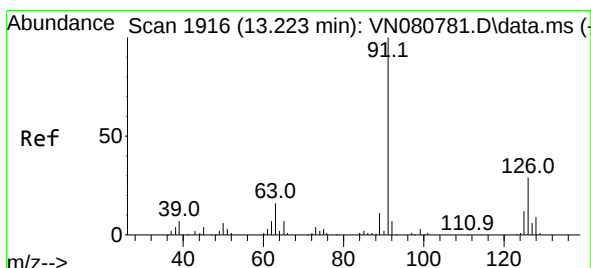
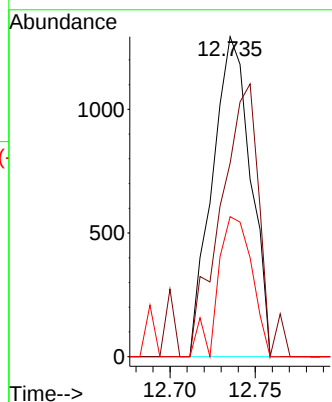
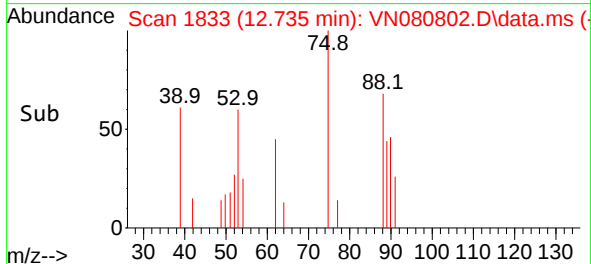
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 75 Resp: 2029
Ion Ratio Lower Upper
75 100
53 85.7 71.4 107.2
89 38.9 33.4 50.0

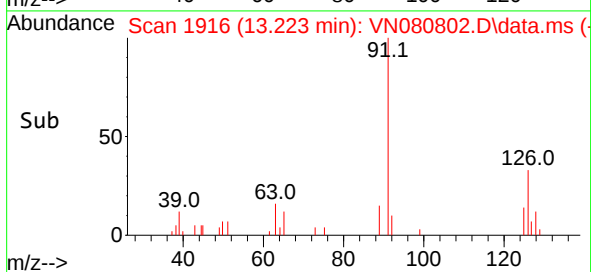
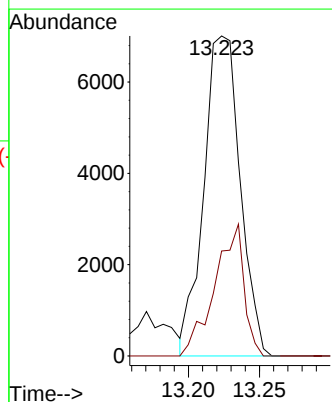
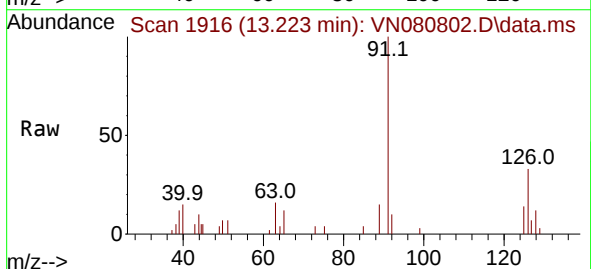
Manual Integrations
APPROVED

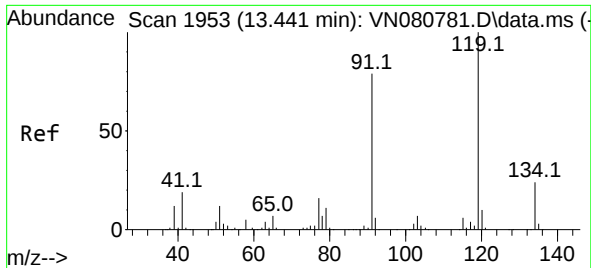
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#82
4-Chlorotoluene
Concen: 2.569 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

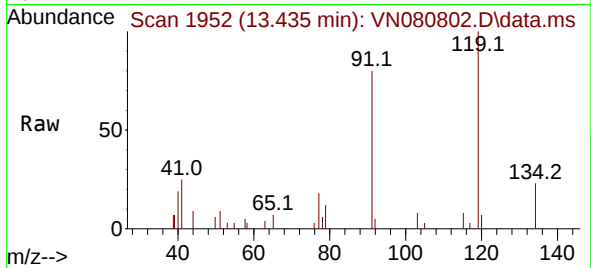
Tgt Ion: 91 Resp: 12511
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9





#83
tert-Butylbenzene
Concen: 2.532 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

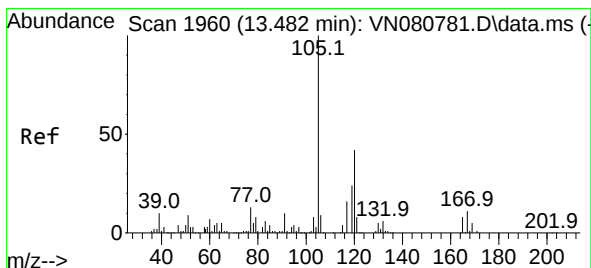
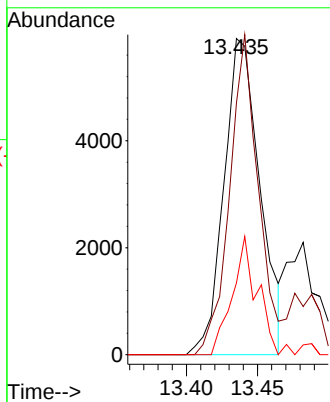
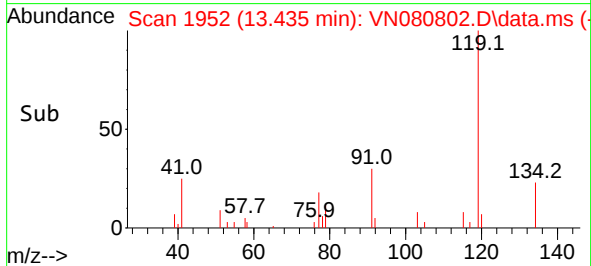
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



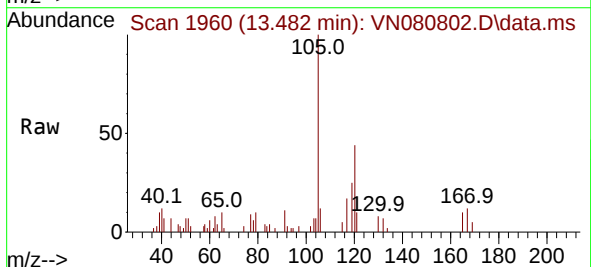
Tgt Ion:119 Resp: 10428
Ion Ratio Lower Upper
119 100
91 80.3 36.8 110.4
134 26.4 12.4 37.4

Manual Integrations
APPROVED

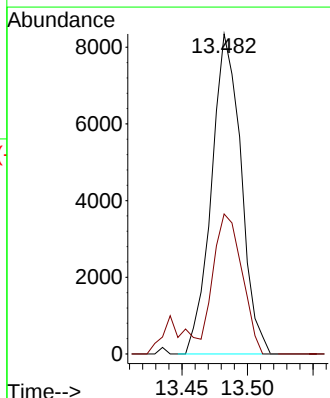
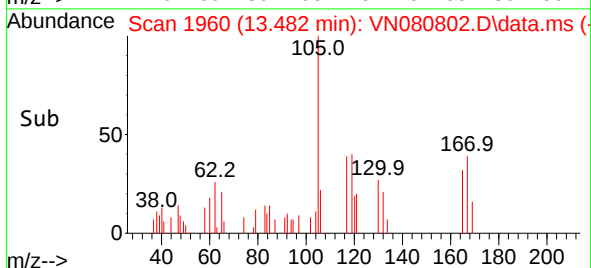
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

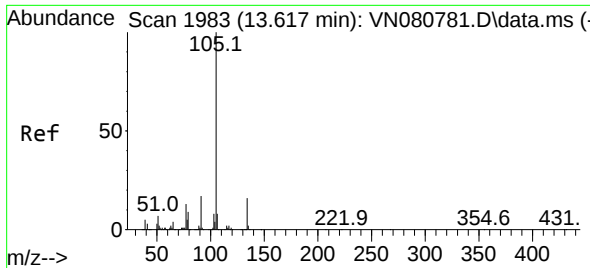


#84
1,2,4-Trimethylbenzene
Concen: 2.502 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



Tgt Ion:105 Resp: 13073
Ion Ratio Lower Upper
105 100
120 42.2 20.9 62.7





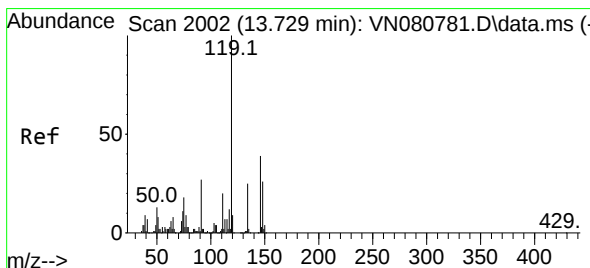
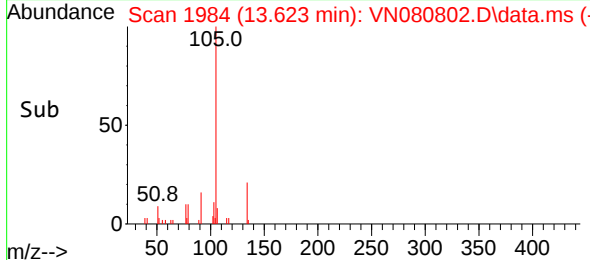
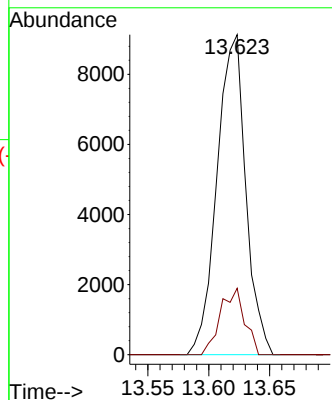
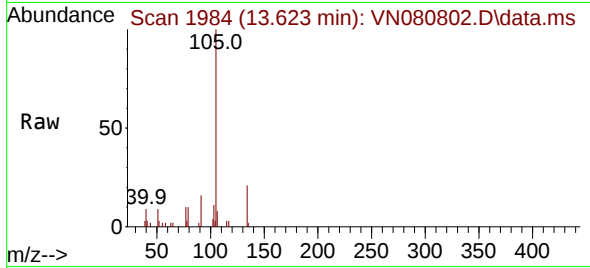
#85
 sec-Butylbenzene
 Concen: 2.471 ug/l
 RT: 13.623 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VN080802.D
 Acq: 29 Jan 2024 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Tgt Ion:105 Resp: 1500
 Ion Ratio Lower Upper
 105 100
 134 17.5 8.6 25.8

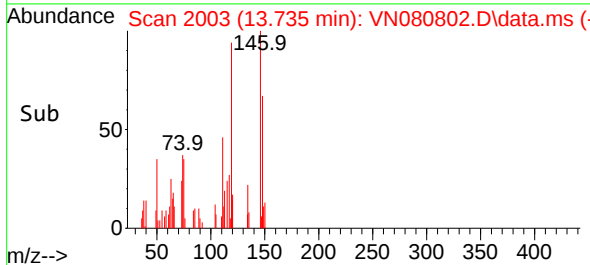
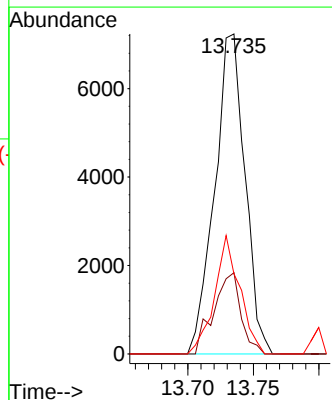
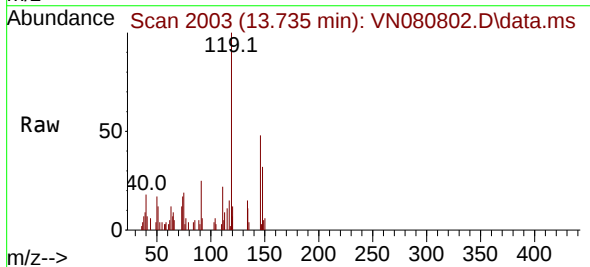
Manual Integrations
 APPROVED

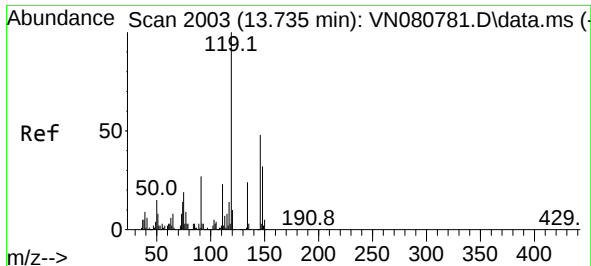
Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#86
 p-Isopropyltoluene
 Concen: 2.462 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080802.D
 Acq: 29 Jan 2024 19:41

Tgt Ion:119 Resp: 11620
 Ion Ratio Lower Upper
 119 100
 134 22.9 12.4 37.2
 91 30.8 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 2.198 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

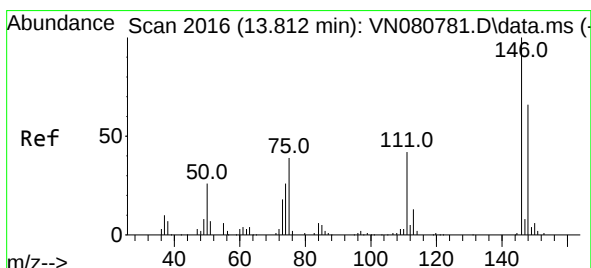
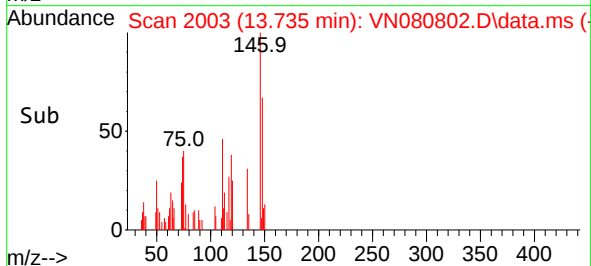
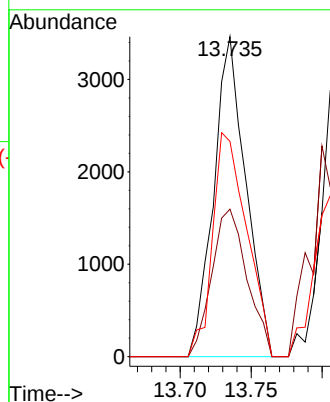
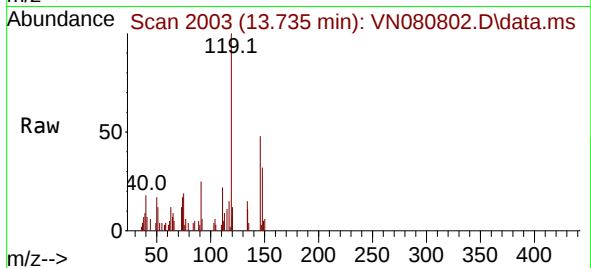
Tgt Ion:146	Resp:	544
Ion Ratio	Lower	Upper
146	100	
111	50.8	23.9 71.7
148	74.4	32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#88

1,4-Dichlorobenzene

Concen: 2.596 ug/l m

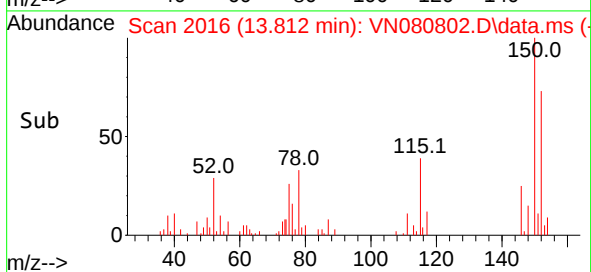
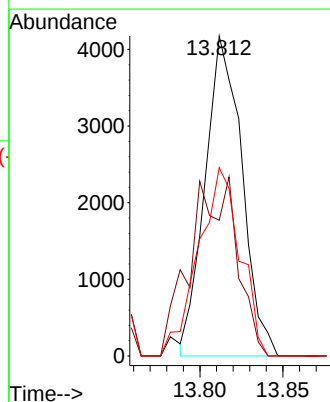
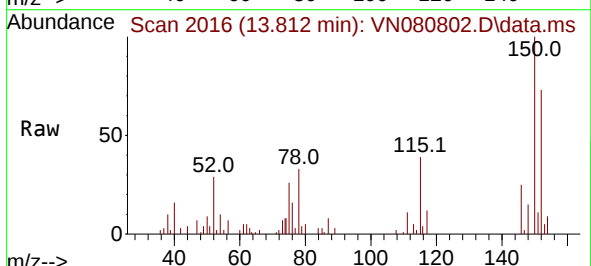
RT: 13.812 min Scan# 2016

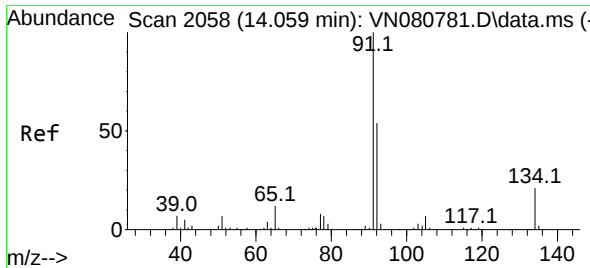
Delta R.T. 0.000 min

Lab File: VN080802.D

Acq: 29 Jan 2024 19:41

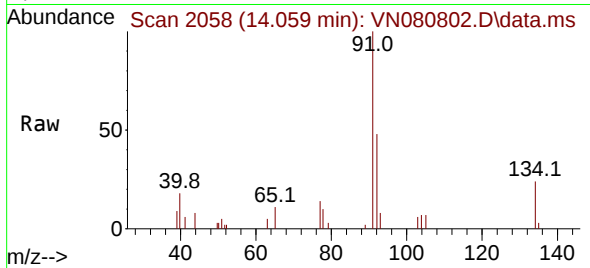
Tgt Ion:146	Resp:	6444
Ion Ratio	Lower	Upper
146	100	
111	42.9	22.6 67.7
148	62.9	31.9 95.5





#89
n-Butylbenzene
Concen: 2.329 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

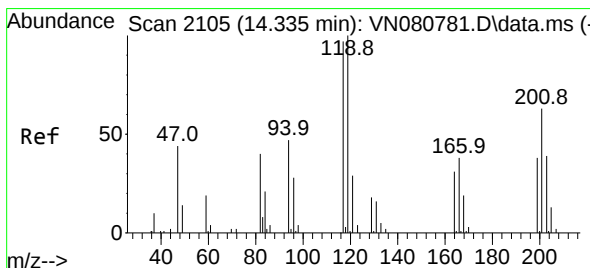
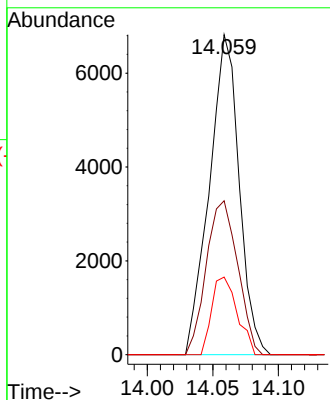
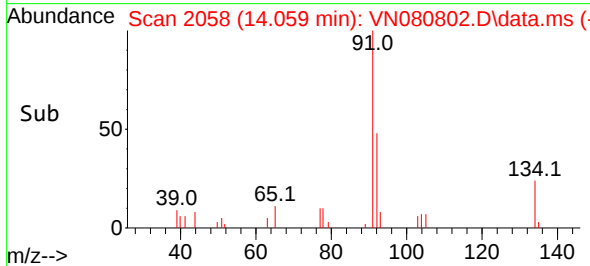
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 91 Resp: 10750
Ion Ratio Lower Upper
91 100
92 50.8 26.7 80.1
134 20.8 10.8 32.4

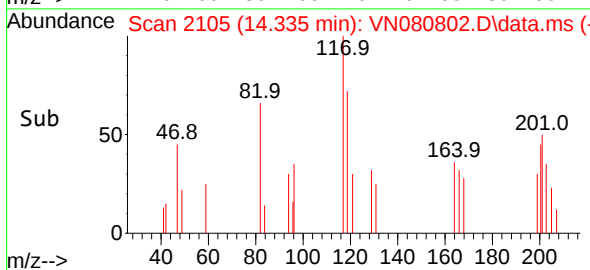
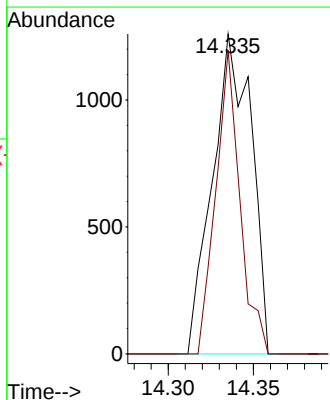
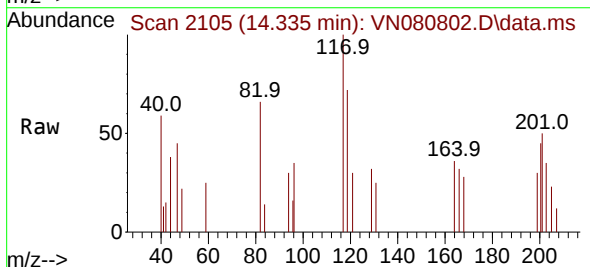
Manual Integrations
APPROVED

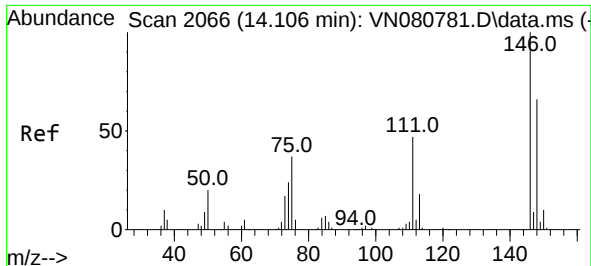
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#90
Hexachloroethane
Concen: 2.414 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Tgt Ion:117 Resp: 1993
Ion Ratio Lower Upper
117 100
201 59.0 30.0 90.0





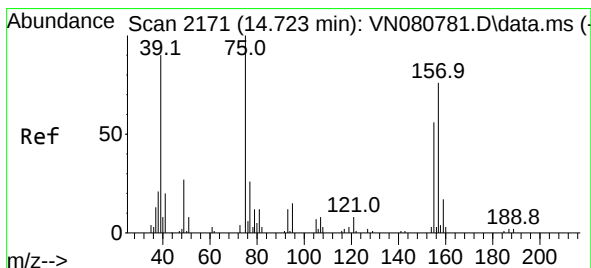
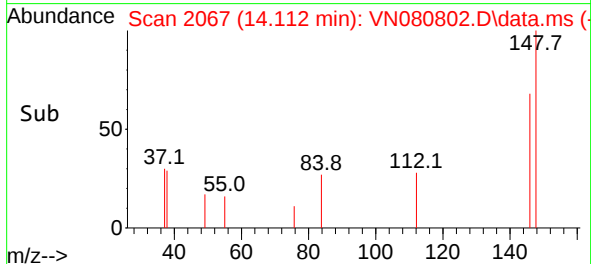
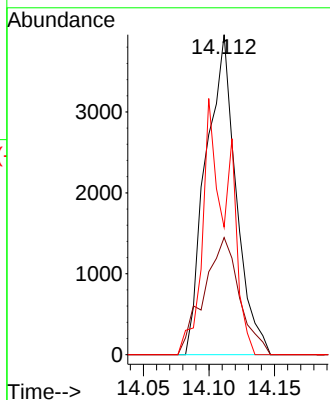
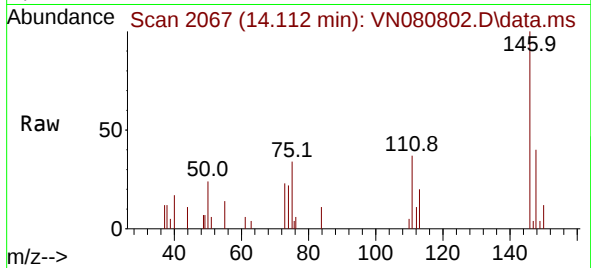
#91
1,2-Dichlorobenzene
Concen: 2.786 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:146 Resp: 631
Ion Ratio Lower Upper
146 100
111 43.0 23.9 71.8
148 68.0 31.4 94.0

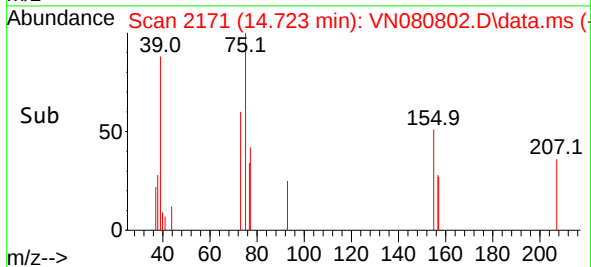
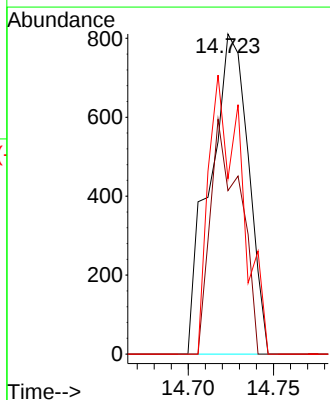
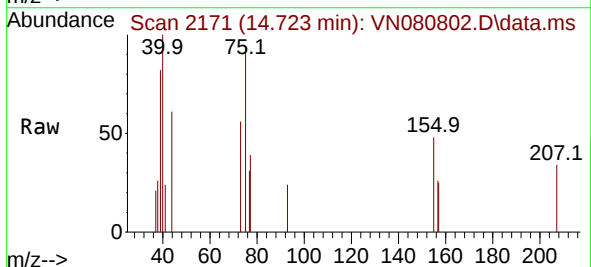
Manual Integrations
APPROVED

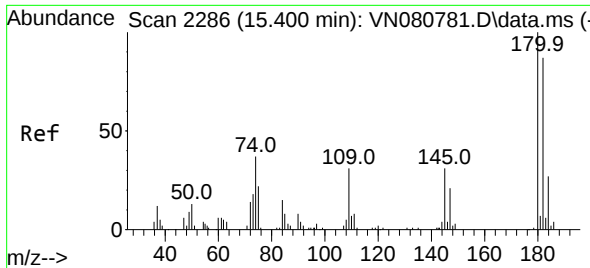
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.992 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

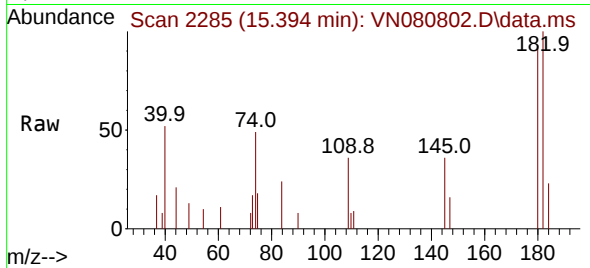
Tgt Ion: 75 Resp: 1274
Ion Ratio Lower Upper
75 100
155 56.8 31.8 95.4
157 74.4 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 2.369 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

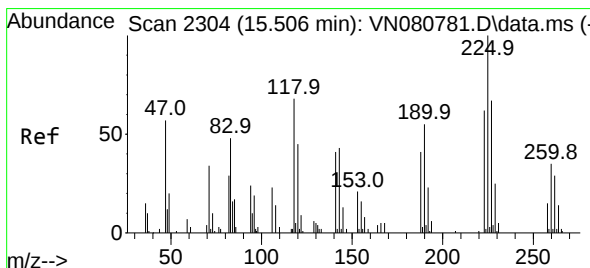
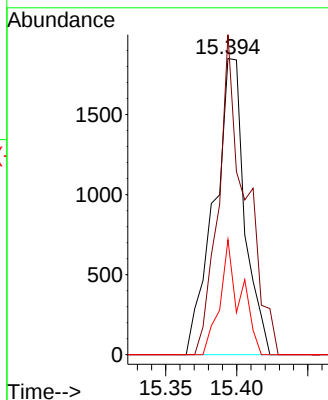
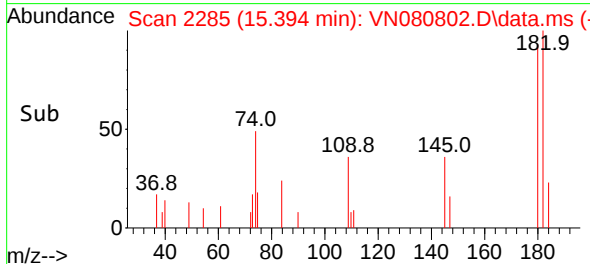
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



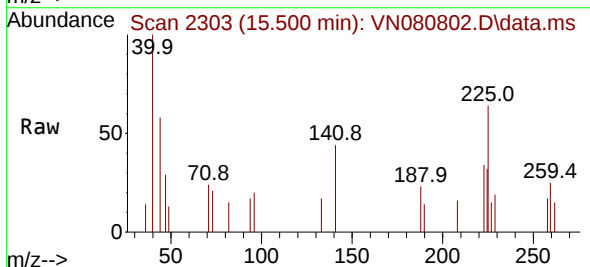
Tgt Ion:180 Resp: 2764
Ion Ratio Lower Upper
180 100
182 95.5 46.6 139.7
145 26.3 16.8 50.3

Manual Integrations
APPROVED

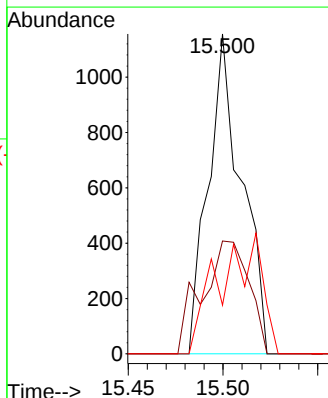
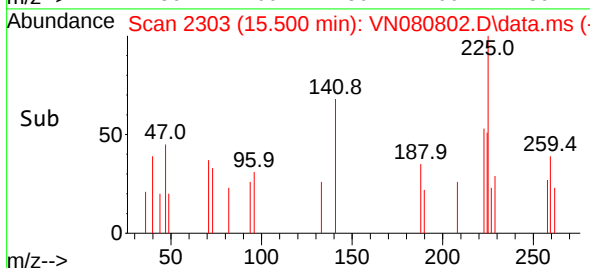
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

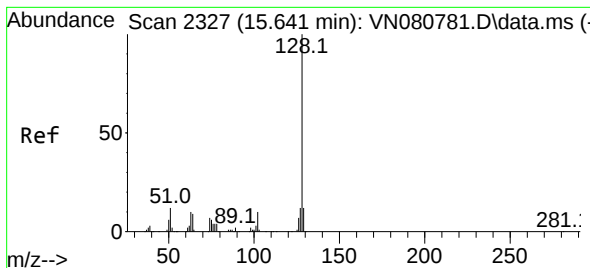


#94
Hexachlorobutadiene
Concen: 2.773 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



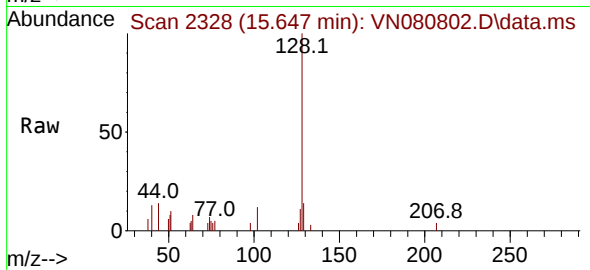
Tgt Ion:225 Resp: 1413
Ion Ratio Lower Upper
225 100
223 49.5 33.3 99.8
227 48.5 33.1 99.2





#95
Naphthalene
Concen: 2.092 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41

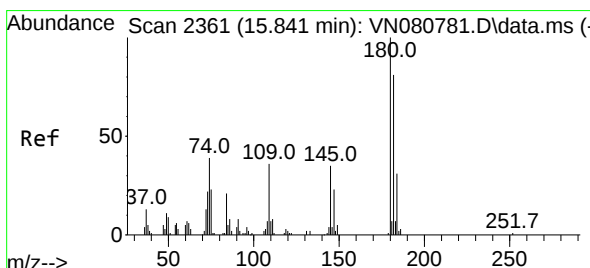
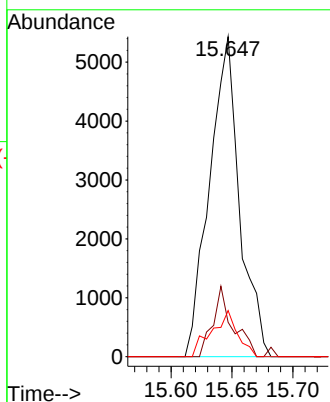
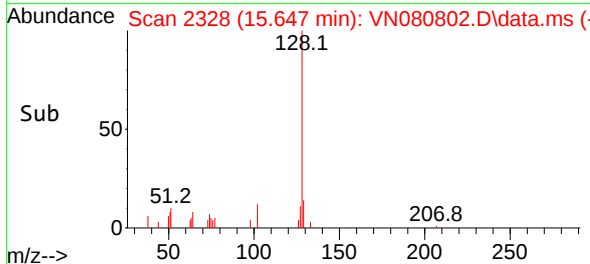
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



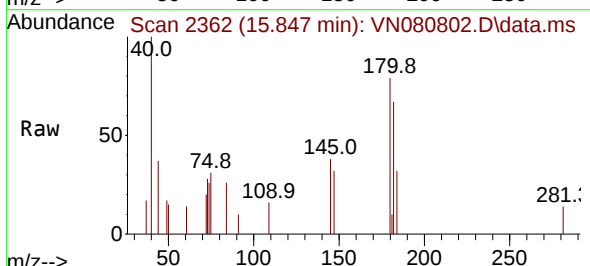
Tgt Ion:128 Resp: 9340
Ion Ratio Lower Upper
128 100
127 14.6 10.0 15.0
129 12.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#96
1,2,3-Trichlorobenzene
Concen: 2.429 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080802.D
Acq: 29 Jan 2024 19:41



Tgt Ion:180 Resp: 2785
Ion Ratio Lower Upper
180 100
182 97.2 46.5 139.3
145 33.8 17.8 53.4

