

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080988.D
 Acq On : 09 Feb 2024 14:36
 Operator : JC\MD
 Sample : P1187-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 10 03:14:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	92668	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	535937	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	467728	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	218739	31.414	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.700%
60) 4-Bromofluorobenzene	12.853	95	206301	28.851	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.167%
63) Toluene-d8	10.571	98	652383	31.081	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	15587	2.474	ug/l	93
3) Chloromethane	2.359	50	20770	3.280	ug/l	97
4) Vinyl Chloride	2.512	62	20532	2.720	ug/l	99
5) Bromomethane	2.959	94	14840	2.927	ug/l	91
6) Chloroethane	3.124	64	13766	2.797	ug/l	95
7) Trichlorofluoromethane	3.495	101	26424	2.658	ug/l	84
8) Diethyl Ether	3.959	74	8844	2.531	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	16169	2.997	ug/l	73
10) 1,1-Dichloroethene	4.336	96	13507	2.554	ug/l	88
11) Methyl Iodide	4.600	142	13193m	2.329	ug/l	
12) Methyl Acetate	5.036	43	14723	3.072	ug/l #	77
13) Acrolein	4.183	56	13518	12.935	ug/l	99
14) Acrylonitrile	5.724	53	31527	13.249	ug/l	66
15) Acetone	4.442	58	8412m	15.367	ug/l	
16) Carbon Disulfide	4.718	76	36781	2.534	ug/l #	80
17) Allyl chloride	5.018	41	18218	2.743	ug/l	89
18) Methylene Chloride	5.283	84	17185m	2.844	ug/l	
19) trans-1,2-Dichloroethene	5.794	96	15155	2.524	ug/l #	75
20) Diisopropyl ether	6.671	45	41205	2.581	ug/l #	88
21) 1,1-Dichloroethane	6.565	63	27478	2.686	ug/l #	91
22) cis-1,2-Dichloroethene	7.477	96	18386m	2.636	ug/l	
23) tert-Butyl Alcohol	5.518	59	11573m	13.350	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	46018	2.625	ug/l #	87
25) Chloroform	7.971	83	30868	2.720	ug/l	90
26) Cyclohexane	8.259	56	20875	2.710	ug/l #	86
29) 1,1-Dichloropropene	8.371	75	21175	2.652	ug/l	96
30) 2-Butanone	7.494	43	42811	14.616	ug/l #	96
31) 2,2-Dichloropropane	7.494	77	24173	2.660	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	28291	2.817	ug/l	100
33) Carbon Tetrachloride	8.359	117	20664	2.442	ug/l	91
34) Benzene	8.612	78	67628	2.772	ug/l #	84
35) Methacrylonitrile	7.788	41	9465m	2.749	ug/l	
36) 1,2-Dichloroethane	8.671	62	23388	2.857	ug/l	99
37) Trichloroethene	9.359	130	16996	2.620	ug/l	90
38) Methylcyclohexane	9.600	83	20690	2.597	ug/l	95
39) 1,2-Dichloropropane	9.629	63	16860	2.914	ug/l	100
40) Dibromomethane	9.712	93	11952	2.715	ug/l	94
41) Bromodichloromethane	9.888	83	22977	2.667	ug/l	97
42) Vinyl Acetate	6.606	43	154134	12.303	ug/l #	92

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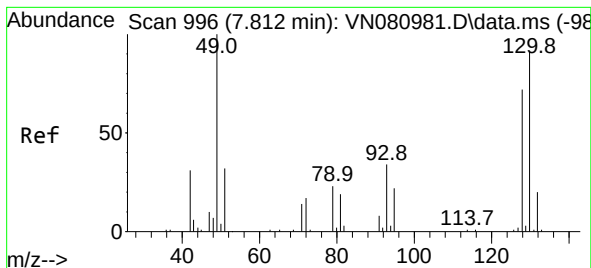
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	15660	2.567	ug/l #	92
44) Isopropyl Acetate	8.694	43	29778	2.717	ug/l #	64
45) 1,4-Dioxane	9.706	88	5924	56.984	ug/l #	88
46) Methyl methacrylate	9.682	41	12508	2.494	ug/l	90
47) n-amyl Acetate	12.500	43	22199	2.322	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	24053	2.664	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	24032	2.456	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	21077	3.460	ug/l	89
51) Ethyl methacrylate	10.876	69	22632	2.658	ug/l	90
52) 1,3-Dichloropropane	11.165	76	27472	2.731	ug/l	100
53) Dibromochloromethane	11.359	129	15959	2.404	ug/l	96
54) 1,2-Dibromoethane	11.476	107	15952	2.531	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	54703	12.538	ug/l	97
56) Bromoform	12.576	173	8970	2.121	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	85388	14.062	ug/l	93
59) 2-Hexanone	11.200	43	59007	13.212	ug/l	97
61) Tetrachloroethene	11.106	164	18883	3.534	ug/l #	85
62) Toluene	10.635	91	75346	2.941	ug/l	98
64) Chlorobenzene	11.900	112	43245	2.756	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	16040	2.756	ug/l	95
66) Ethyl Benzene	11.970	91	68552	2.545	ug/l	94
67) m/p-Xylenes	12.070	106	52167	4.931	ug/l	98
68) o-Xylene	12.400	106	26162	2.523	ug/l	95
69) Styrene	12.417	104	40357	2.364	ug/l	97
70) Isopropylbenzene	12.700	105	60887	2.410	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	22394	2.874	ug/l #	97
72) 1,2,3-Trichloropropane	12.994	75	16144m	2.647	ug/l	
73) Bromobenzene	12.982	156	16663	2.652	ug/l	97
74) n-propylbenzene	13.041	91	69843	2.432	ug/l	98
75) 2-Chlorotoluene	13.129	91	44877	2.517	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	49445	2.392	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	4869	2.110	ug/l	87
78) 4-Chlorotoluene	13.223	91	43924	2.460	ug/l	91
79) tert-butylbenzene	13.441	119	41197	2.401	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	47595	2.311	ug/l	97
81) sec-Butylbenzene	13.617	105	54074	2.250	ug/l	94
82) p-Isopropyltoluene	13.735	119	44604	2.211	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	26896	2.380	ug/l	96
84) 1,4-Dichlorobenzene	13.817	146	27781	2.449	ug/l	97
85) n-Butylbenzene	14.059	91	38113	2.289	ug/l	96
86) Hexachloroethane	14.335	117	7028	2.208	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	27737	2.521	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	3385	2.407	ug/l	90
89) 1,2,4-Trichlorobenzene	15.847	180	12595	2.340	ug/l	95
90) Hexachlorobutadiene	15.506	225	6261	2.651	ug/l	96
91) Naphthalene	15.647	128	42401	2.219	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	12595	2.340	ug/l	95

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

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MSVOA_N

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LOD-MDL-WATER-01-QT1-2024

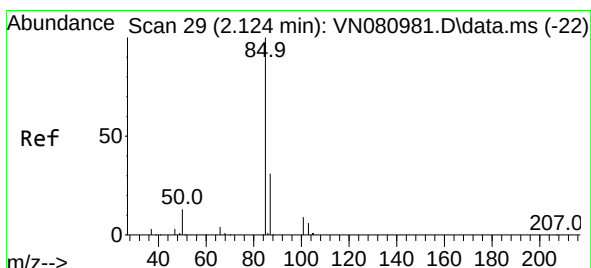
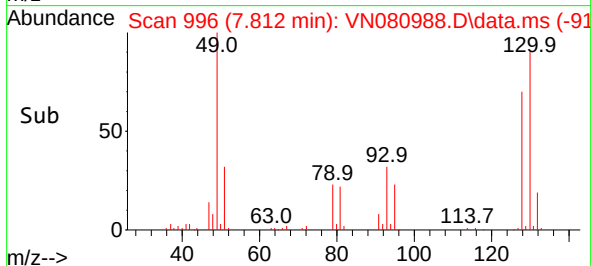
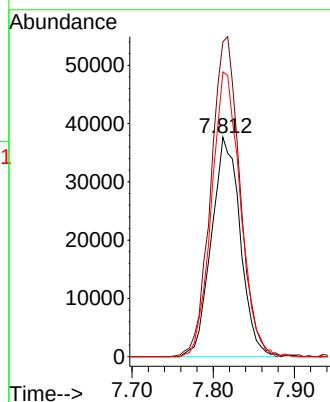
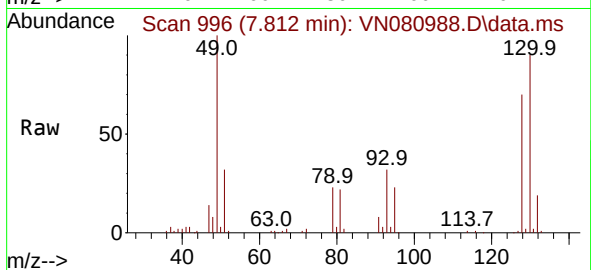
Tgt Ion:	128	Resp:	9266
Ion	Ratio	Lower	Upper
128	100		
49	147.4	0.0	403.7
130	130.1	0.0	323.3

Manual Integrations

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Supervised By :Mahesh Dadoda 02/12/2024



#2

Dichlorodifluoromethane

Concen: 2.474 ug/l

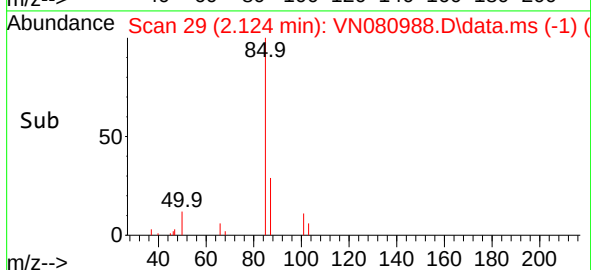
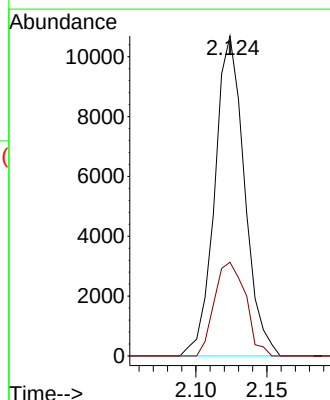
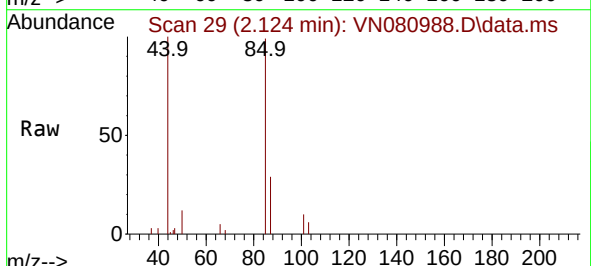
RT: 2.124 min Scan# 29

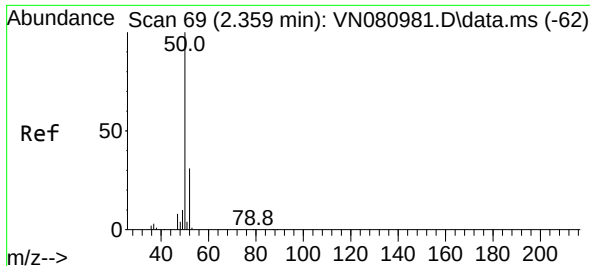
Delta R.T. -0.000 min

Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

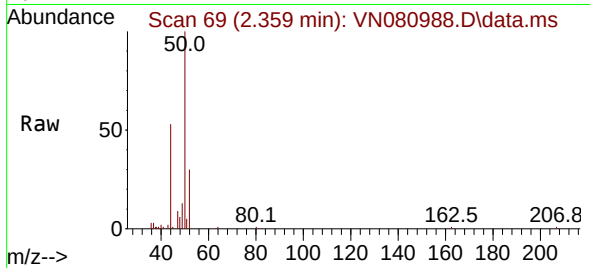
Tgt Ion:	85	Resp:	15587
Ion	Ratio	Lower	Upper
85	100		
87	29.3	16.8	50.3





#3
Chloromethane
Concen: 3.280 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

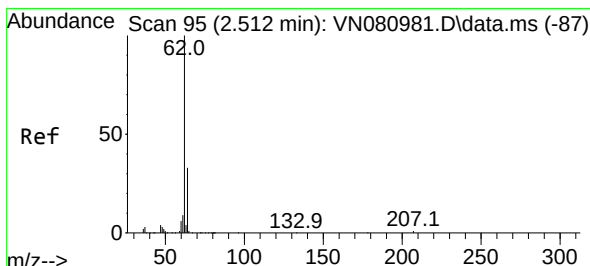
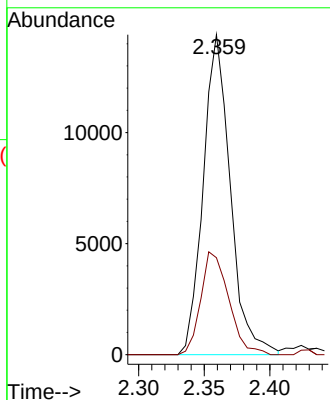
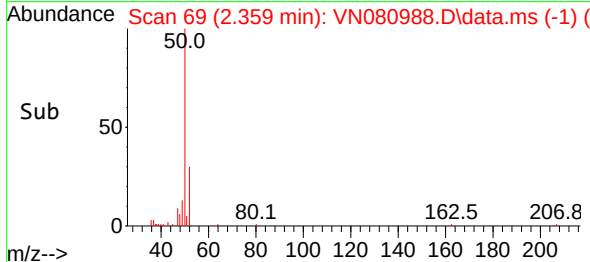
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



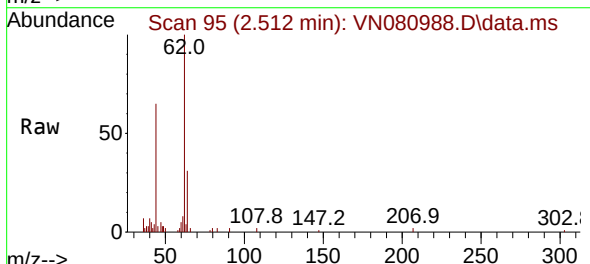
Tgt Ion: 50 Resp: 20770
Ion Ratio Lower Upper
50 100
52 30.3 25.4 38.0

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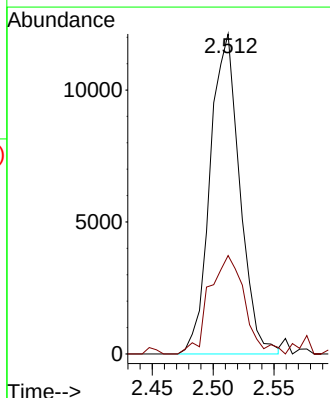
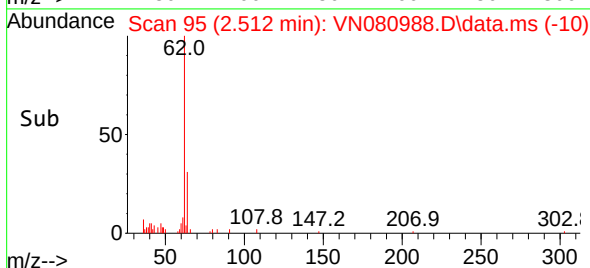
Reviewed By :John Carlone 02/12/2024
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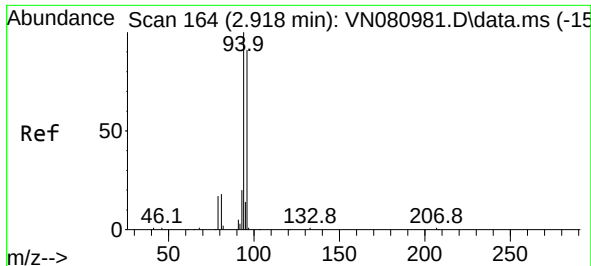


#4
Vinyl Chloride
Concen: 2.720 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36



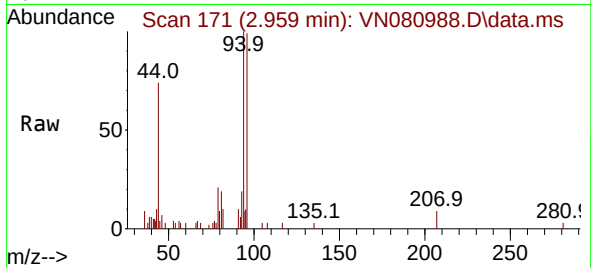
Tgt Ion: 62 Resp: 20532
Ion Ratio Lower Upper
62 100
64 30.7 24.1 36.1





#5
Bromomethane
Concen: 2.927 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

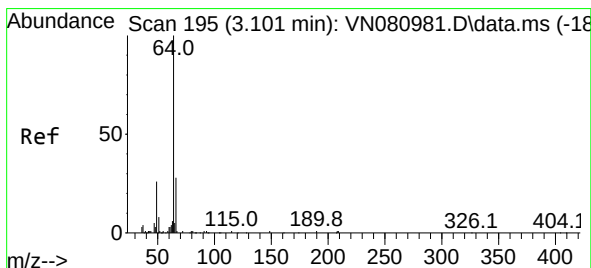
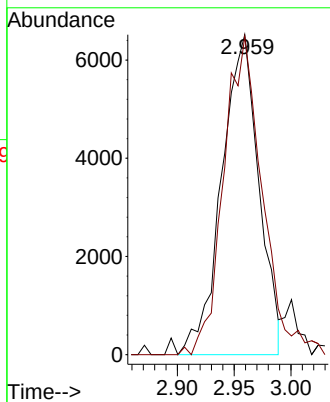
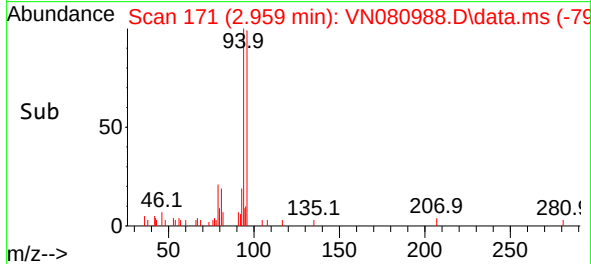
Instrument :
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Tgt Ion: 94 Resp: 14840
Ion Ratio Lower Upper
94 100
96 99.4 72.8 109.2

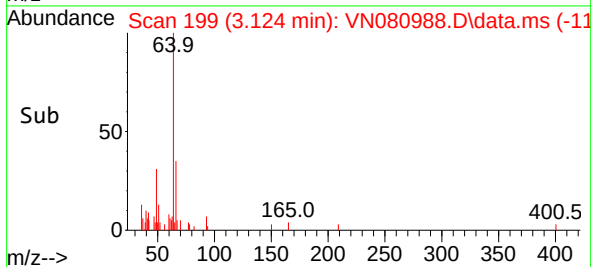
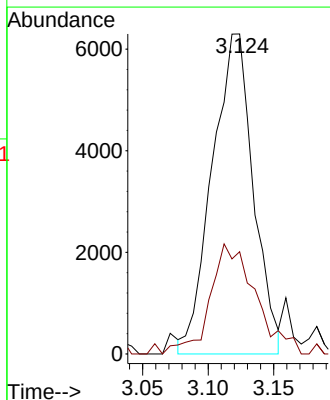
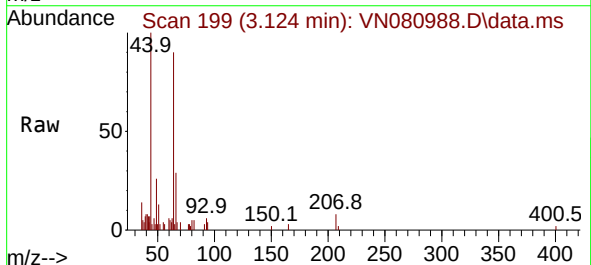
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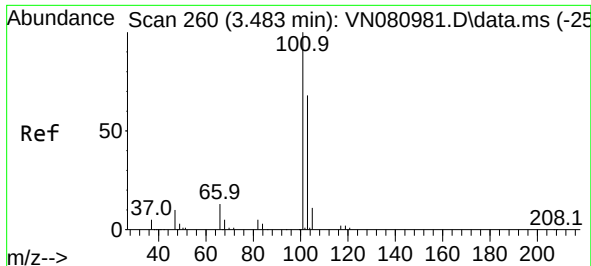
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#6
Chloroethane
Concen: 2.797 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 64 Resp: 13766
Ion Ratio Lower Upper
64 100
66 30.5 26.7 40.1





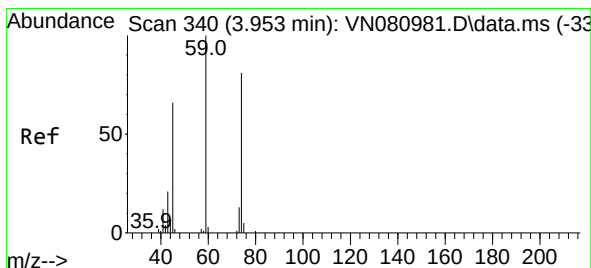
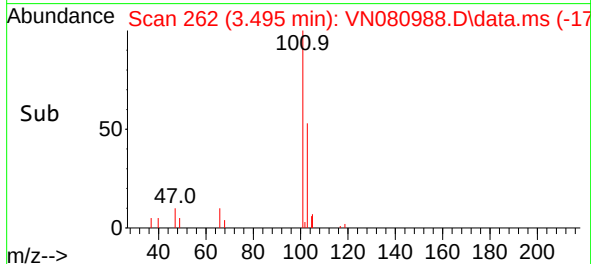
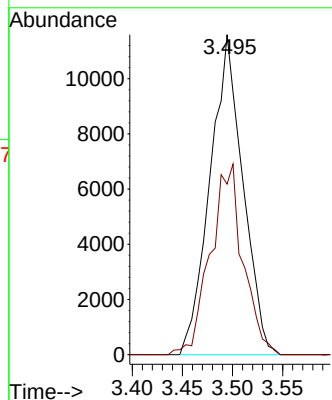
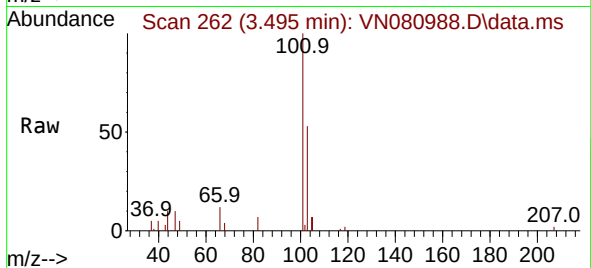
#7
Trichlorofluoromethane
Concen: 2.658 ug/l
RT: 3.495 min Scan# 260
Delta R.T. 0.012 min
Lab File: VN080988.D
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Tgt Ion:101 Resp: 26424
Ion Ratio Lower Upper
101 100
103 53.3 53.0 79.4

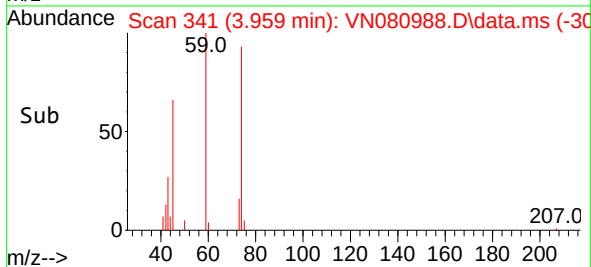
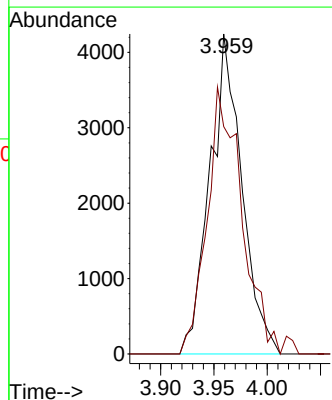
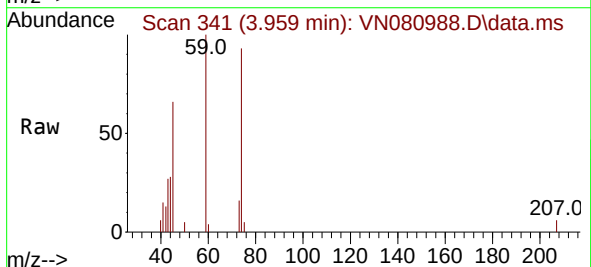
Manual Integrations
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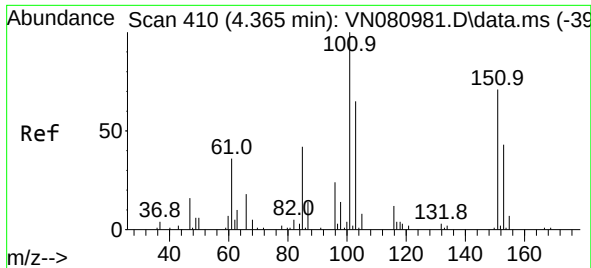
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#8
Diethyl Ether
Concen: 2.531 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 74 Resp: 8844
Ion Ratio Lower Upper
74 100
45 59.2 16.4 147.4





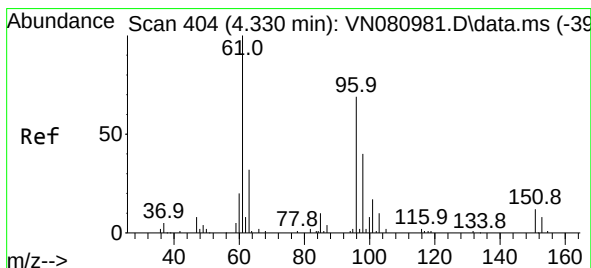
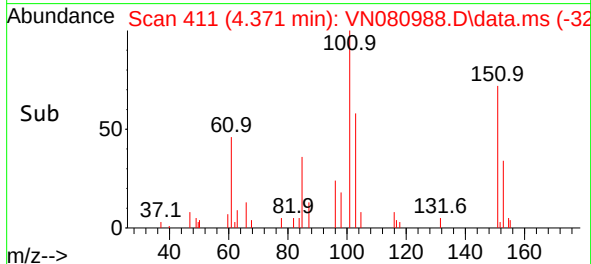
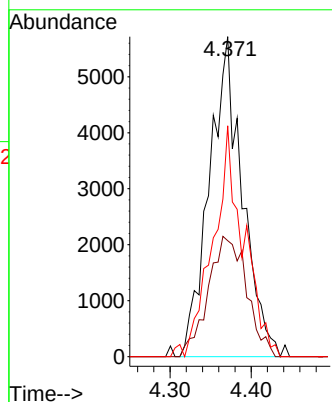
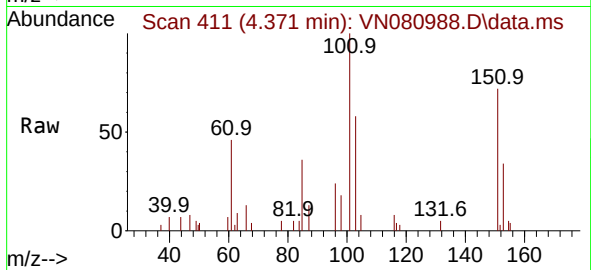
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.997 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN080988.D
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Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:101 Resp: 1616
Ion Ratio Lower Upper
101 100
85 32.2 0.0 90.6
151 51.4 0.0 157.6

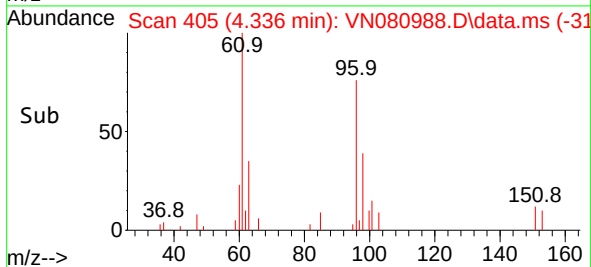
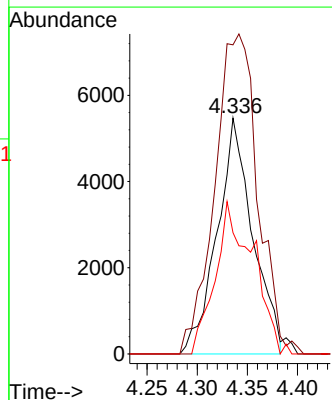
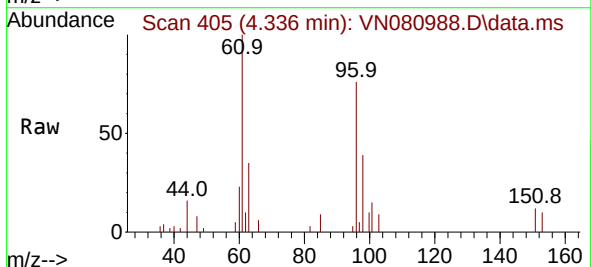
Manual Integrations
APPROVED

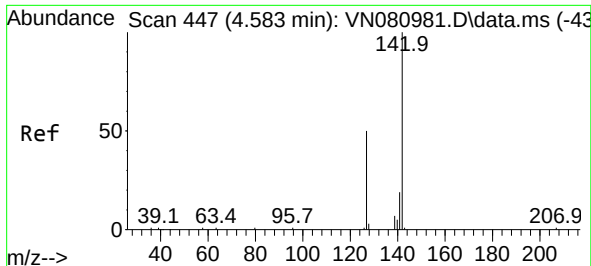
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
1,1-Dichloroethene
Concen: 2.554 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

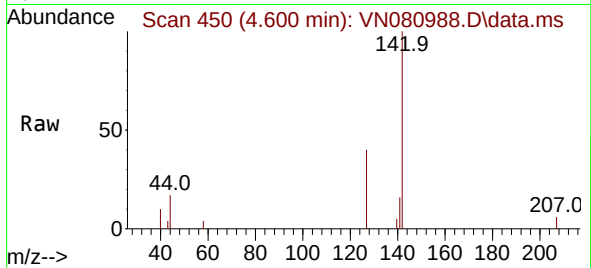
Tgt Ion: 96 Resp: 13507
Ion Ratio Lower Upper
96 100
61 131.1 117.6 176.4
98 51.4 48.4 72.6





#11
Methyl Iodide
Concen: 2.329 ug/l m
RT: 4.600 min Scan# 447
Delta R.T. 0.018 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

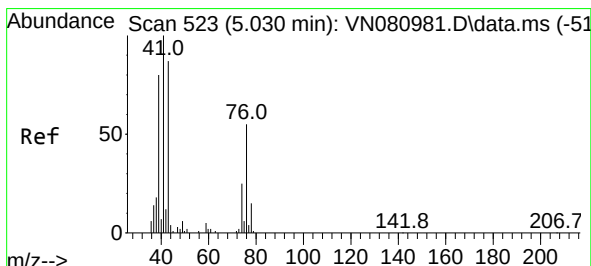
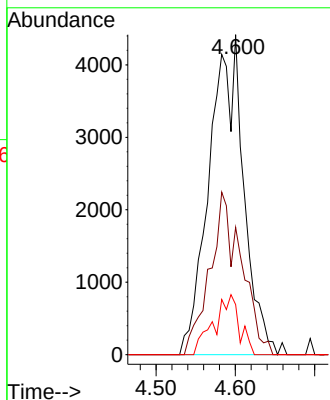
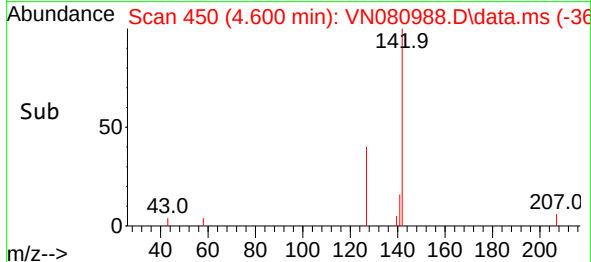
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:142 Resp: 1319
Ion Ratio Lower Upper
142 100
127 39.8 26.3 78.9
141 15.7 8.3 24.9

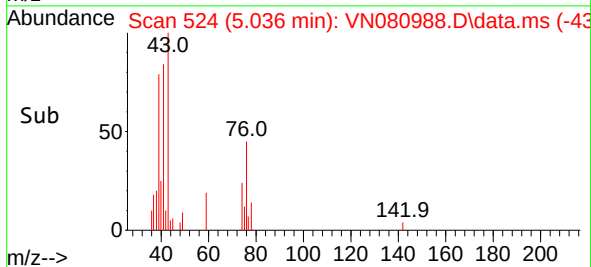
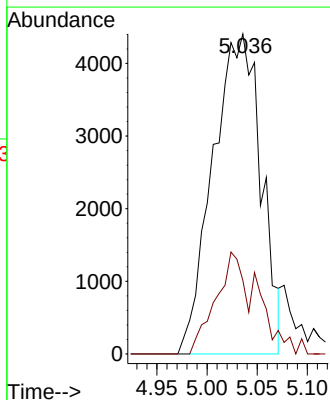
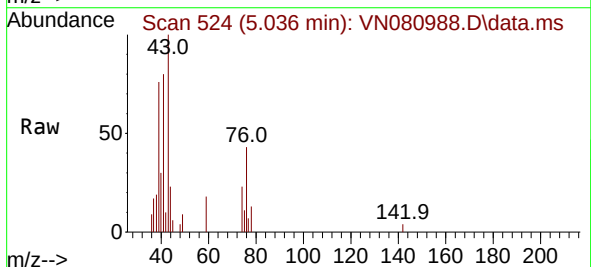
Manual Integrations
APPROVED

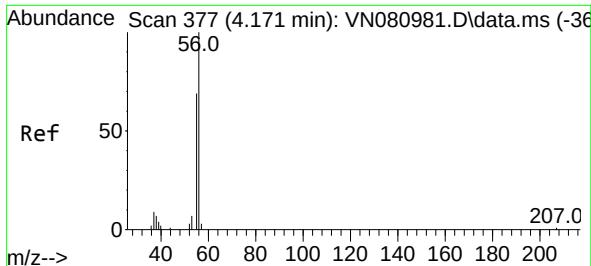
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 3.072 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

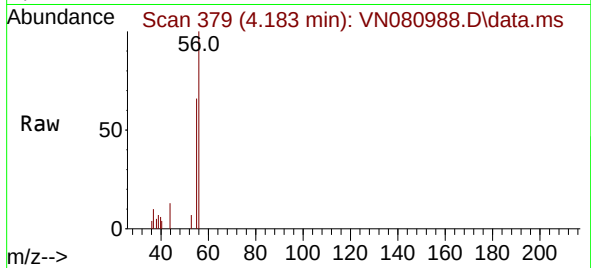
Tgt Ion: 43 Resp: 14723
Ion Ratio Lower Upper
43 100
74 21.5 27.7 41.5#





#13
Acrolein
Concen: 12.935 ug/l
RT: 4.183 min Scan# 377
Delta R.T. 0.012 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

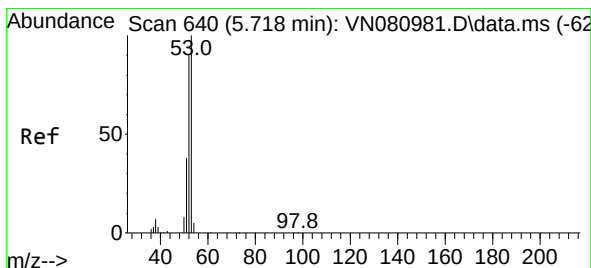
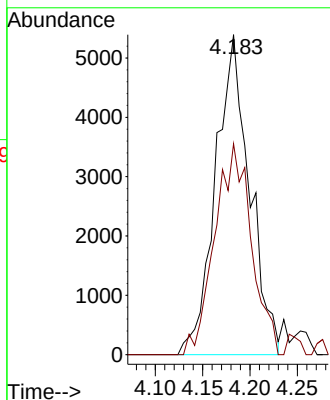
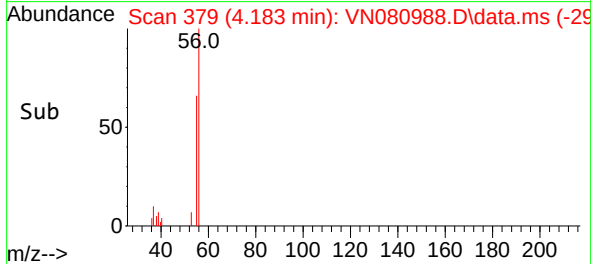
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 56 Resp: 13518
Ion Ratio Lower Upper
56 100
55 70.4 55.5 83.3

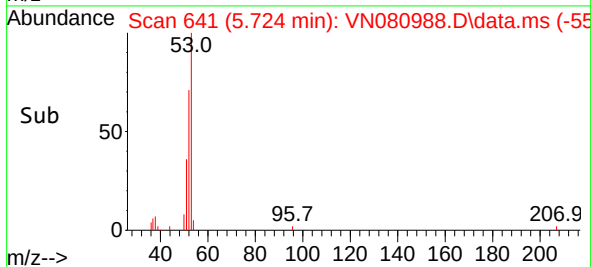
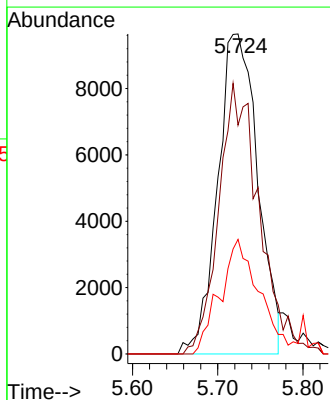
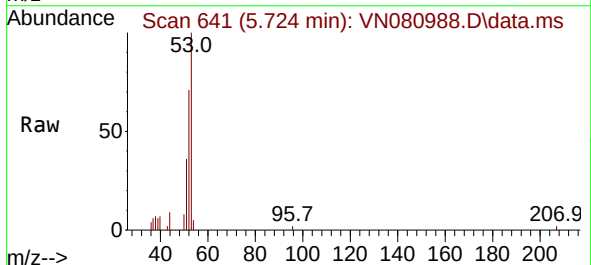
Manual Integrations
APPROVED

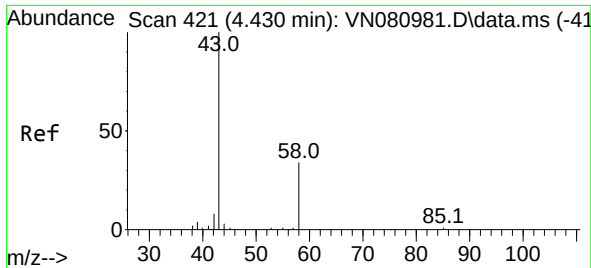
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#14
Acrylonitrile
Concen: 13.249 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 53 Resp: 31527
Ion Ratio Lower Upper
53 100
52 43.2 41.3 123.9
51 28.0 16.8 50.3





#15

Acetone

Concen: 15.367 ug/l m

RT: 4.442 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 58 Resp: 841

Ion Ratio Lower Upper

58 100

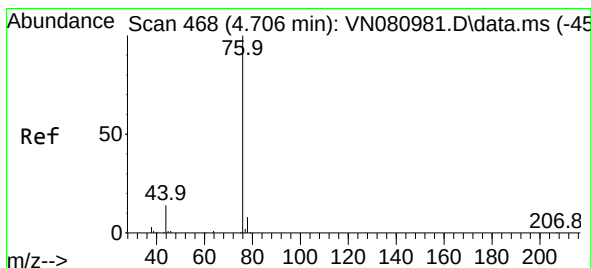
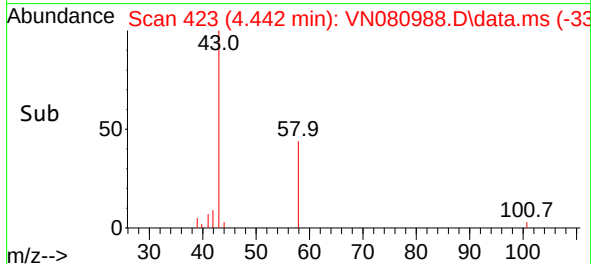
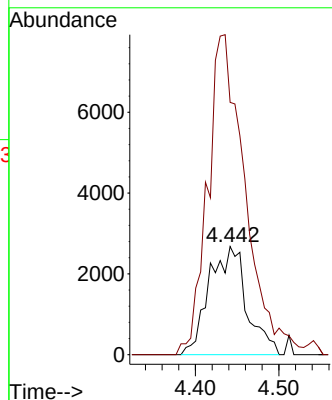
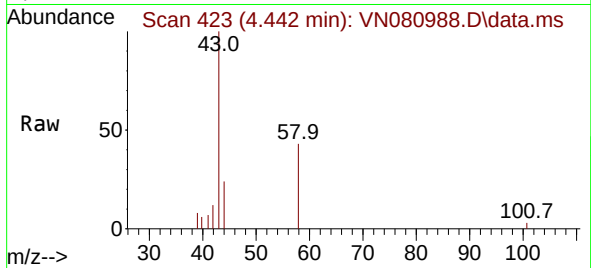
43 233.2 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#16

Carbon Disulfide

Concen: 2.534 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN080988.D

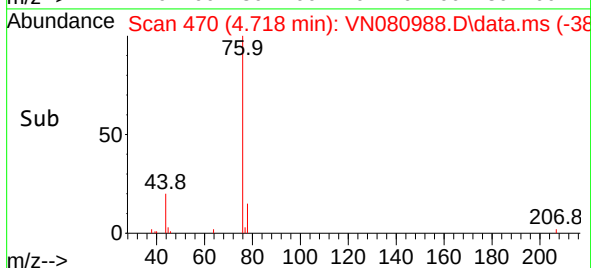
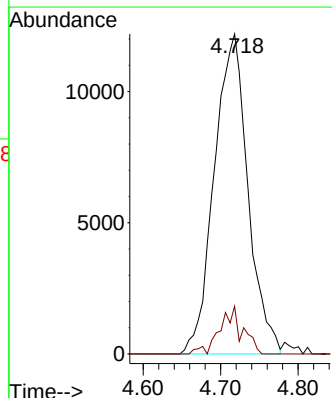
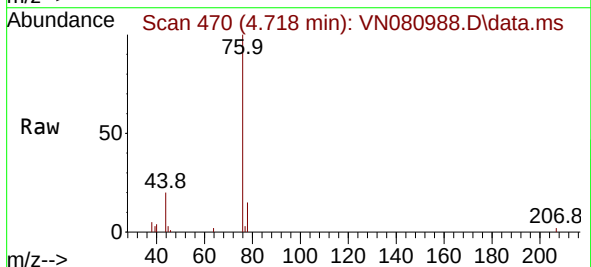
Acq: 09 Feb 2024 14:36

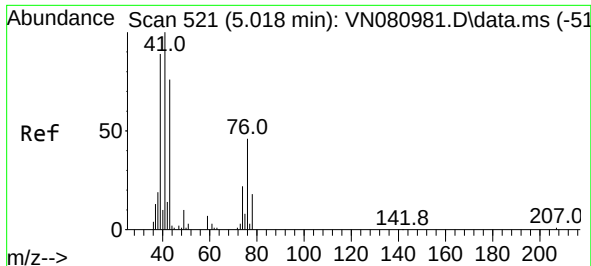
Tgt Ion: 76 Resp: 36781

Ion Ratio Lower Upper

76 100

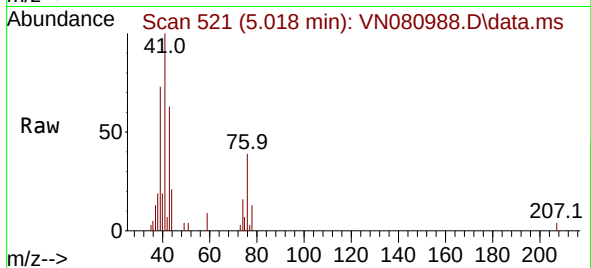
78 14.9 6.3 9.5#





#17
 Allyl chloride
 Concen: 2.743 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN080988.D
 Acq: 09 Feb 2024 14:36

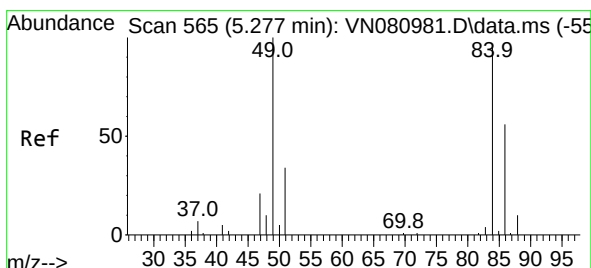
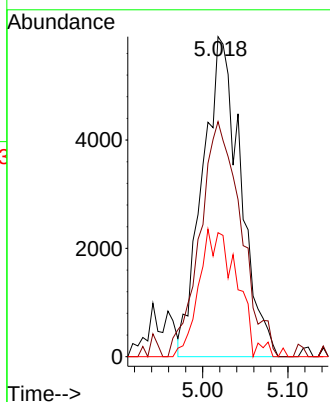
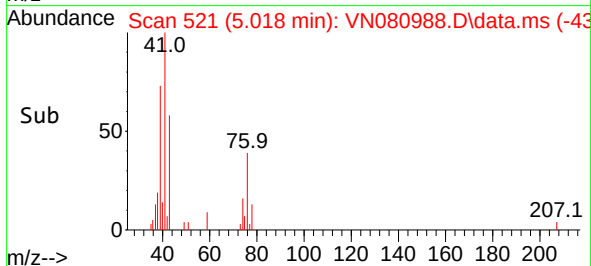
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 41 Resp: 18218
 Ion Ratio Lower Upper
 41 100
 39 73.4 37.6 112.9
 76 38.8 27.8 83.4

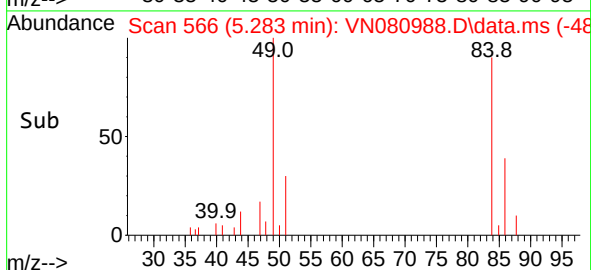
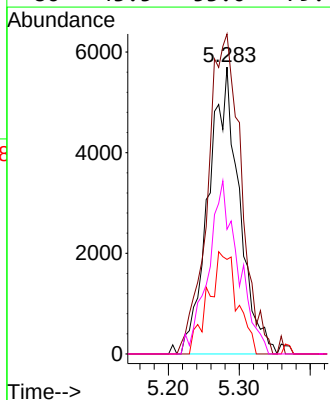
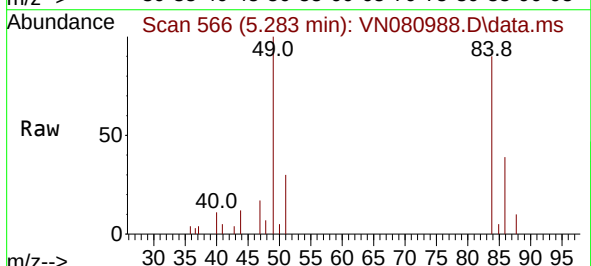
Manual Integrations
 APPROVED

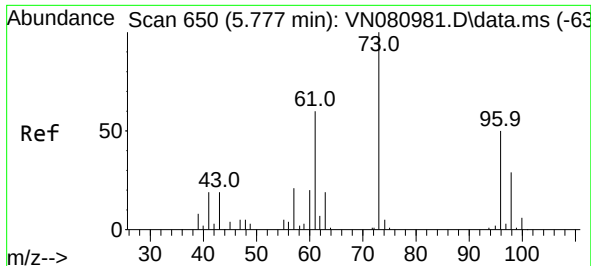
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#18
 Methylene Chloride
 Concen: 2.844 ug/l m
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN080988.D
 Acq: 09 Feb 2024 14:36

Tgt Ion: 84 Resp: 17185
 Ion Ratio Lower Upper
 84 100
 49 111.5 86.0 129.0
 51 32.9 30.0 45.0
 86 43.5 53.0 79.4#





#19

trans-1,2-Dichloroethene

Concen: 2.524 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.018 min

Lab File: VN080988.D

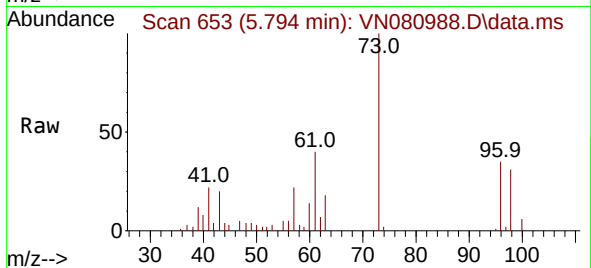
Acq: 09 Feb 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 96 Resp: 1515

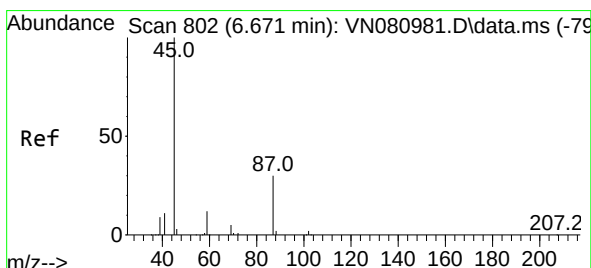
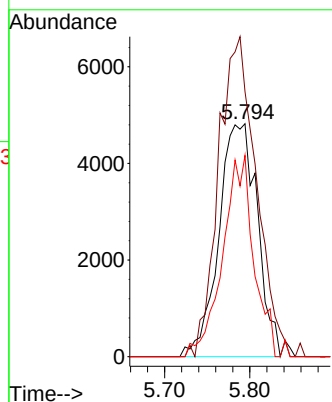
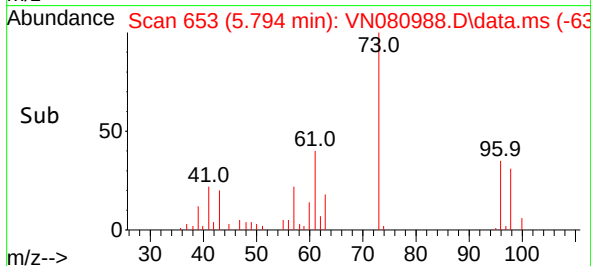
Ion	Ratio	Lower	Upper
96	100		
61	113.8	111.8	167.6
98	86.5	49.2	73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#20

Diisopropyl ether

Concen: 2.581 ug/l

RT: 6.671 min Scan# 802

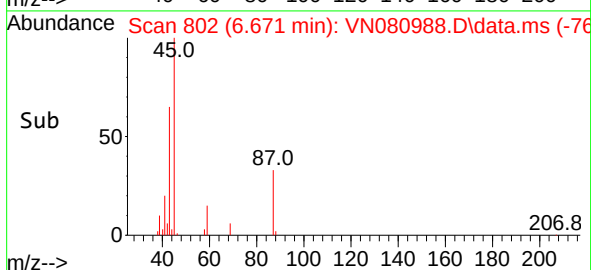
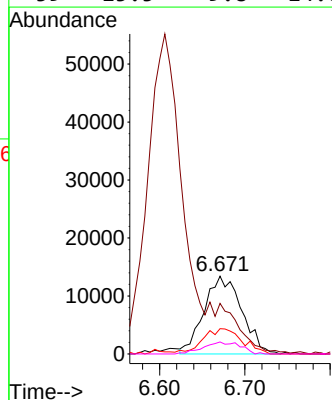
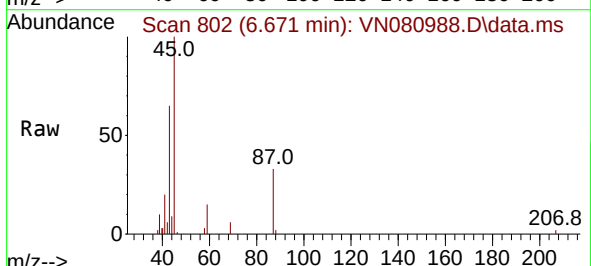
Delta R.T. -0.000 min

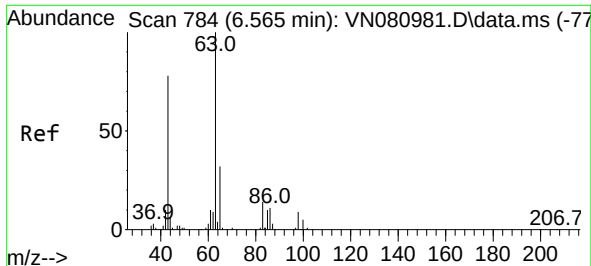
Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

Tgt Ion: 45 Resp: 41205

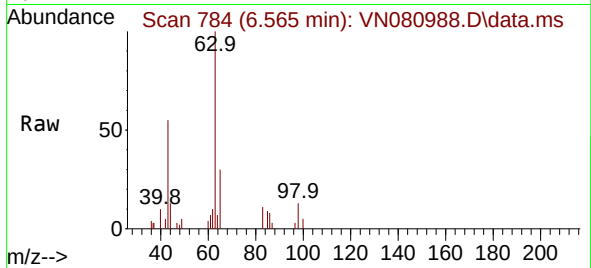
Ion	Ratio	Lower	Upper
45	100		
43	62.5	40.4	60.6
87	32.6	23.8	35.8
59	15.5	9.8	14.6





#21
1,1-Dichloroethane
Concen: 2.686 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

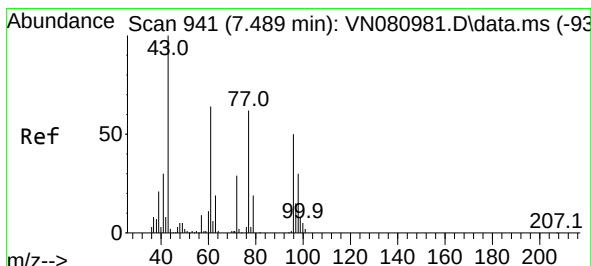
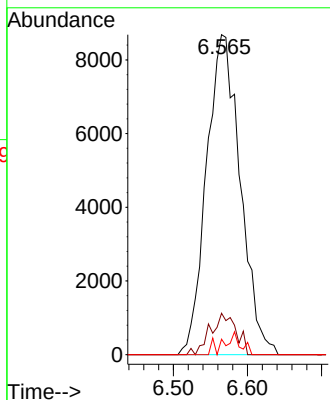
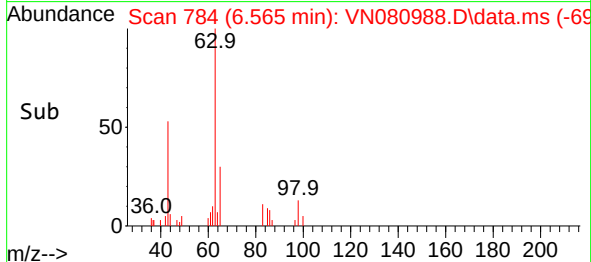
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 63 Resp: 27478
Ion Ratio Lower Upper
63 100
98 13.0 4.1 12.3
100 4.8 3.0 9.0

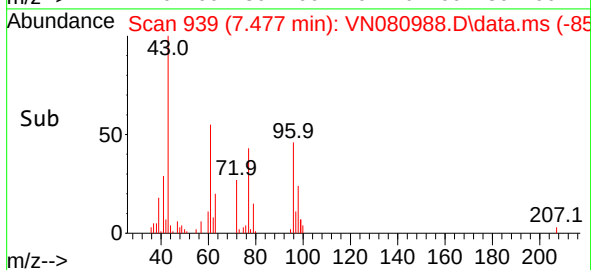
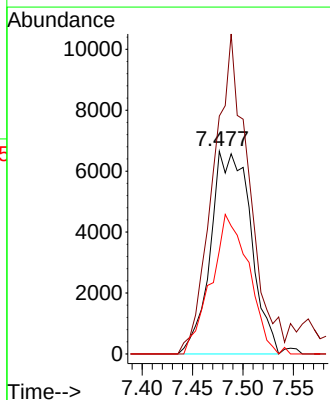
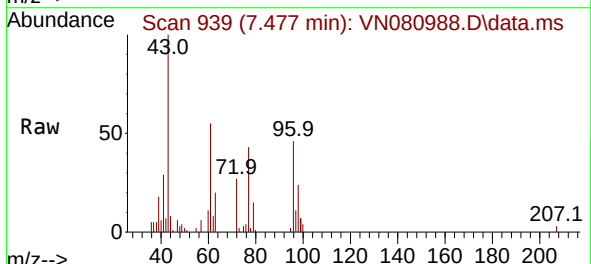
Manual Integrations
APPROVED

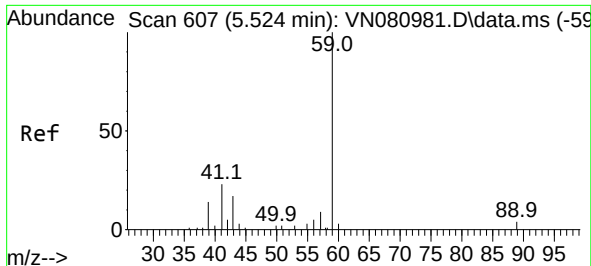
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
cis-1,2-Dichloroethene
Concen: 2.636 ug/l m
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

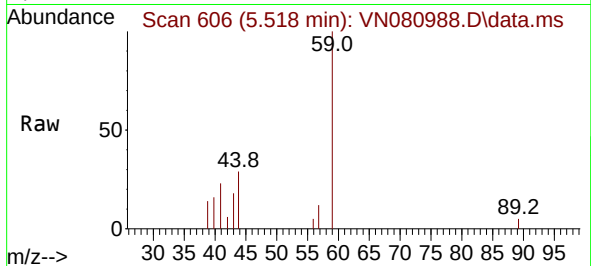
Tgt Ion: 96 Resp: 18386
Ion Ratio Lower Upper
96 100
61 140.0 113.5 170.3
98 64.3 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 13.350 ug/l m
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

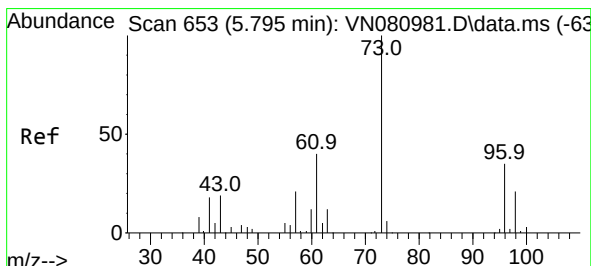
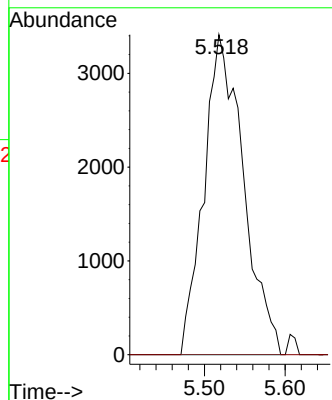
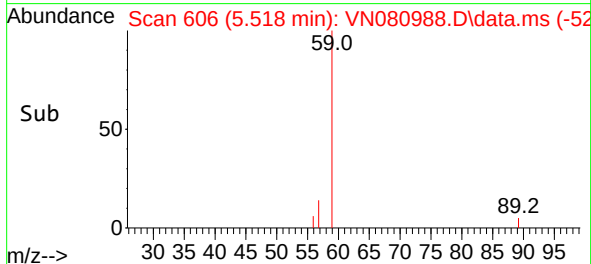
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 59 Resp: 1157
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

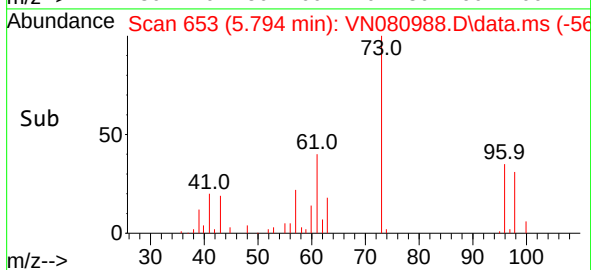
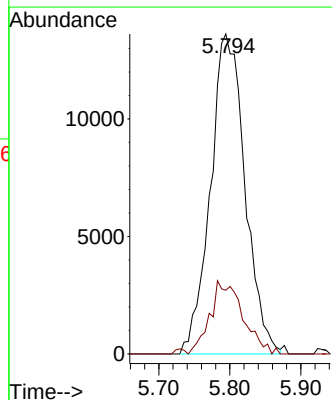
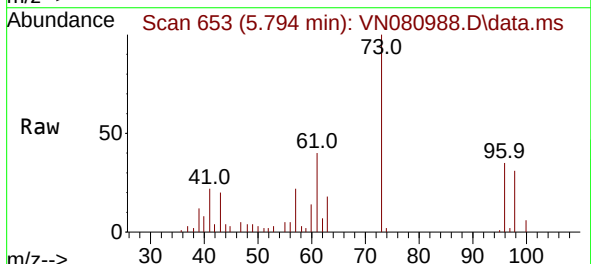
Manual Integrations
APPROVED

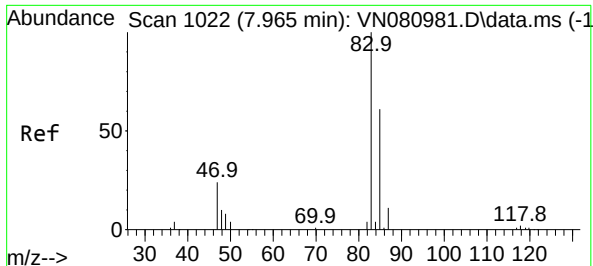
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#24
Methyl tert-Butyl Ether
Concen: 2.625 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 73 Resp: 46018
Ion Ratio Lower Upper
73 100
43 11.0 13.4 20.2#





#25

Chloroform

Concen: 2.720 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 83 Resp: 3086

Ion Ratio Lower Upper

83 100

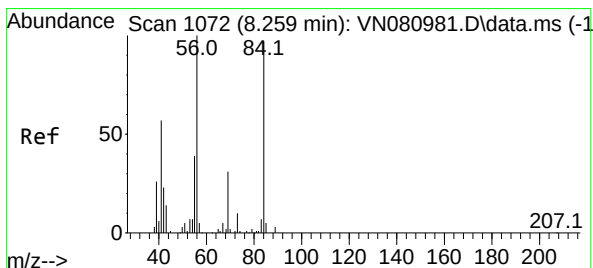
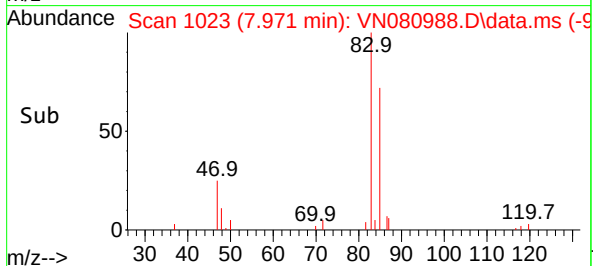
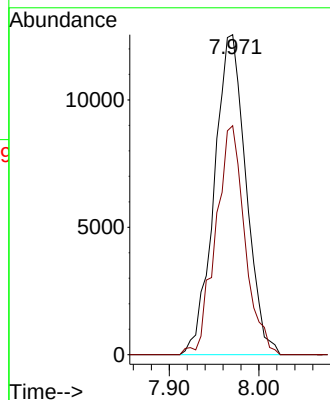
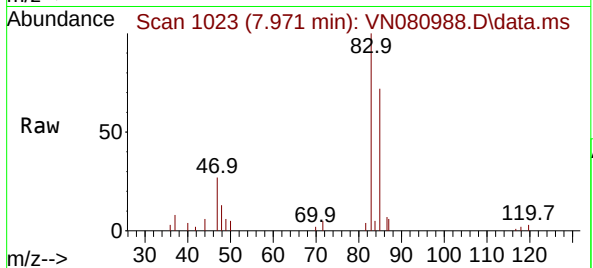
85 71.5 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#26

Cyclohexane

Concen: 2.710 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

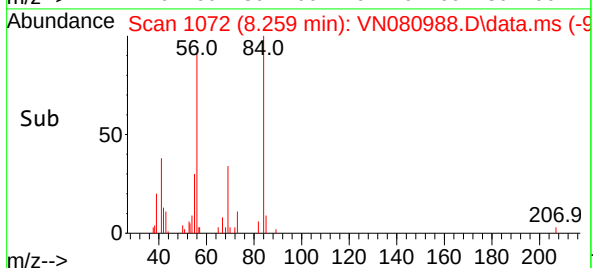
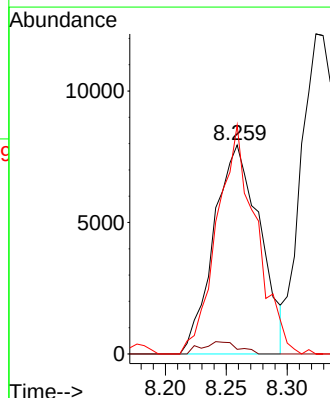
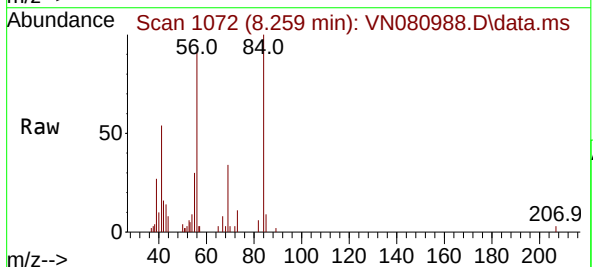
Tgt Ion: 56 Resp: 20875

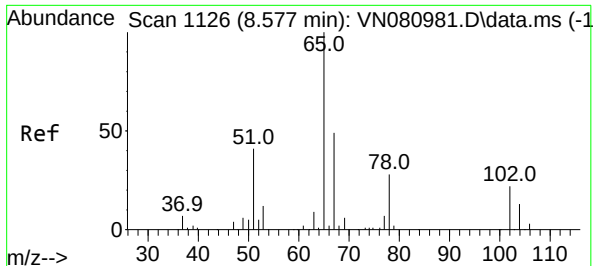
Ion Ratio Lower Upper

56 100

89 0.6 19.3 28.9#

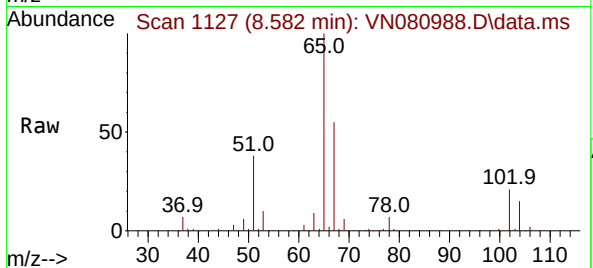
84 93.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.414 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

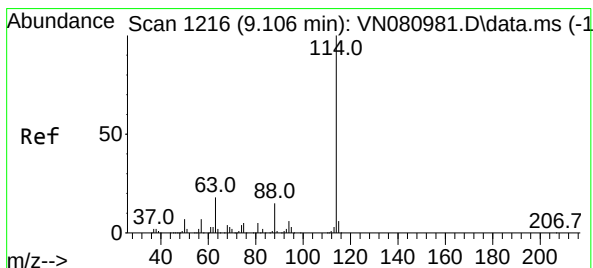
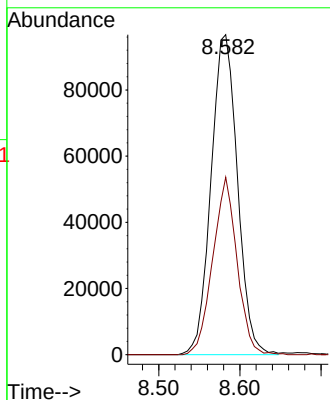
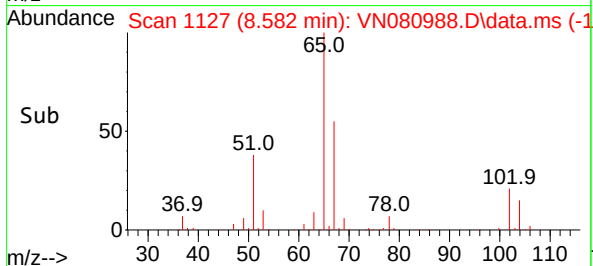
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



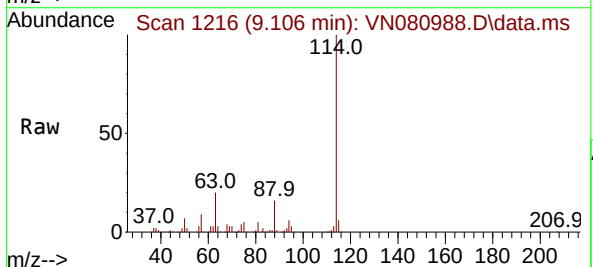
Tgt Ion: 65 Resp: 218739
Ion Ratio Lower Upper
65 100
67 50.7 43.2 64.8

Manual Integrations
APPROVED

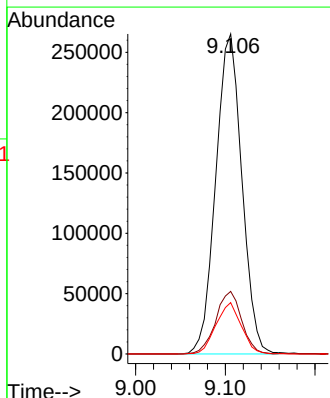
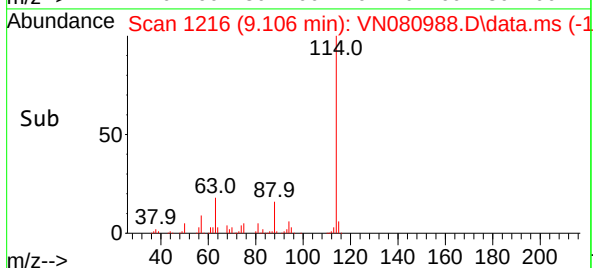
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

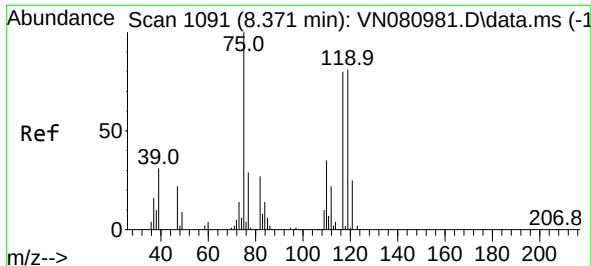


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36



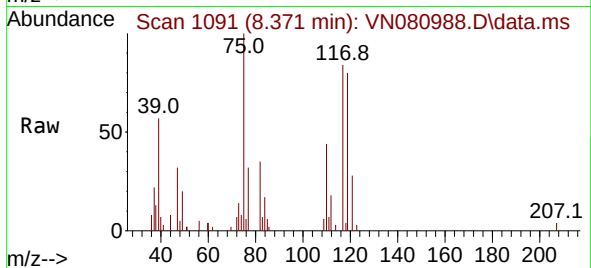
Tgt Ion:114 Resp: 535937
Ion Ratio Lower Upper
114 100
63 19.4 15.9 23.9
88 15.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 2.652 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

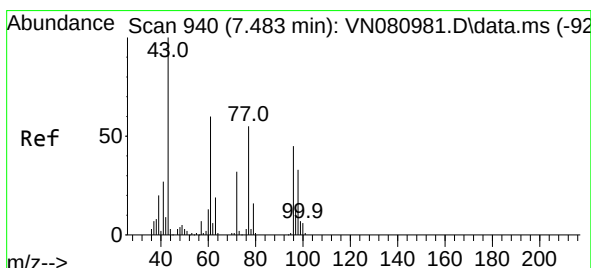
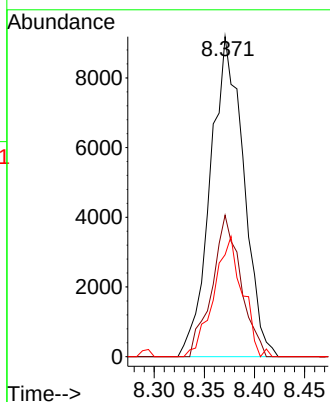
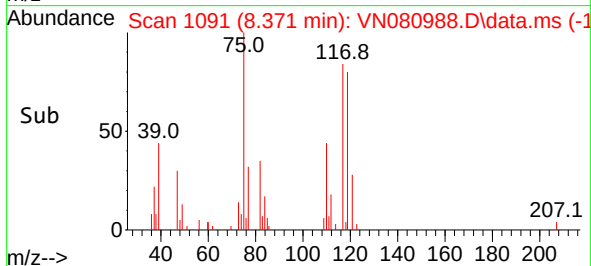
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 75	Resp: 2117
Ion Ratio	Lower Upper
75 100	
110 38.2	0.0 70.2
77 32.1	0.0 61.4

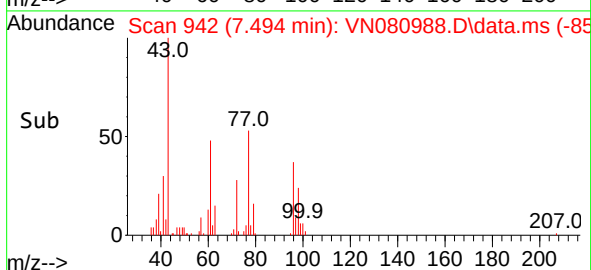
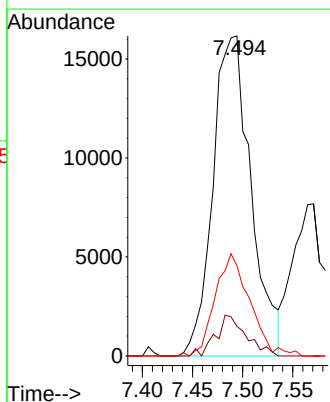
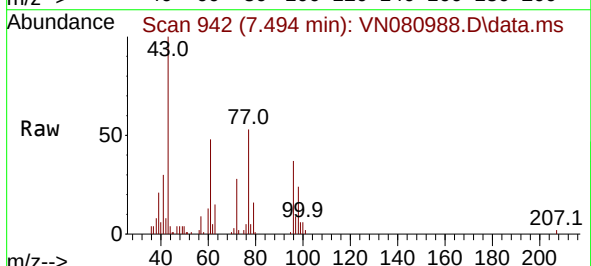
Manual Integrations
APPROVED

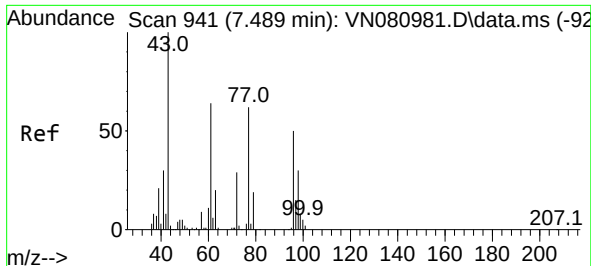
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 14.616 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 43	Resp: 42811
Ion Ratio	Lower Upper
43 100	
57 5.9	6.7 10.1
72 28.0	24.0 36.0





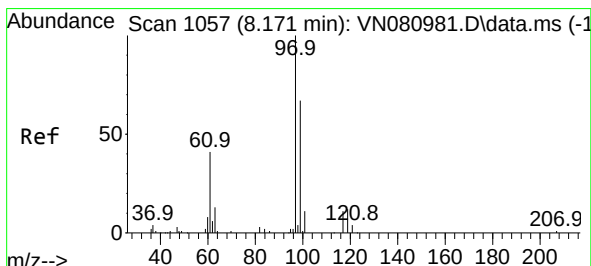
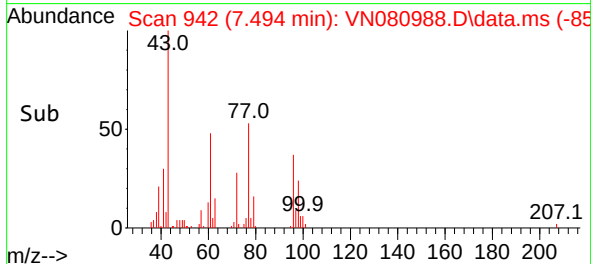
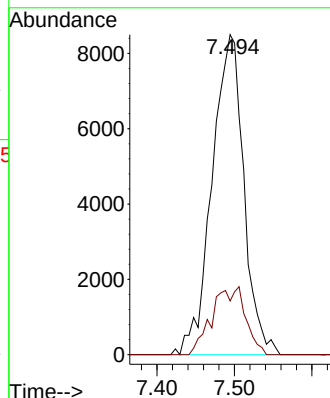
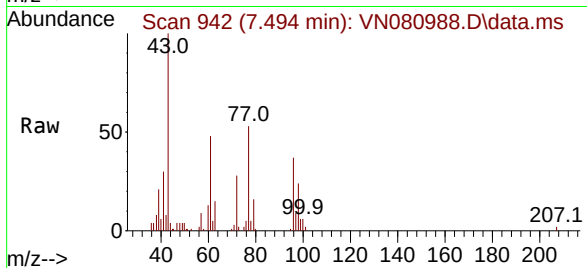
#31
2,2-Dichloropropane
Concen: 2.660 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

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

Tgt Ion: 77 Resp: 2417
Ion Ratio Lower Upper
77 100
97 13.3 18.3 27.5

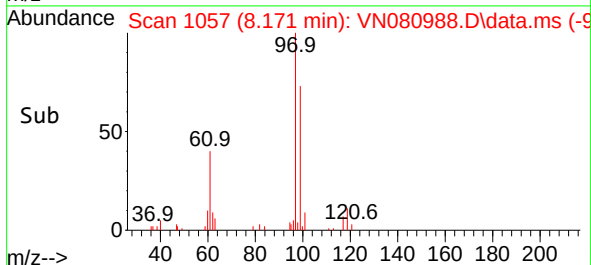
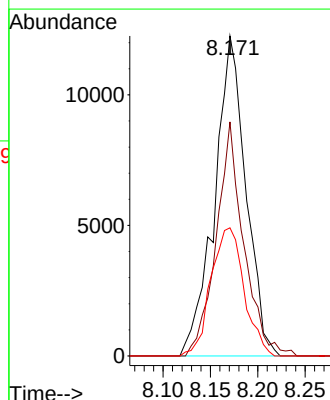
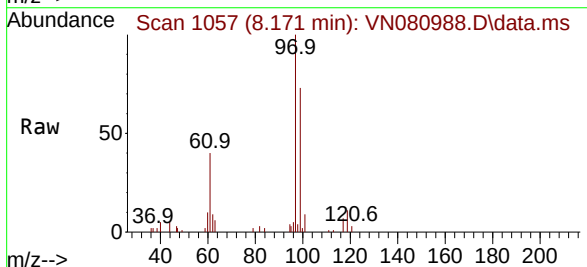
Manual Integrations
APPROVED

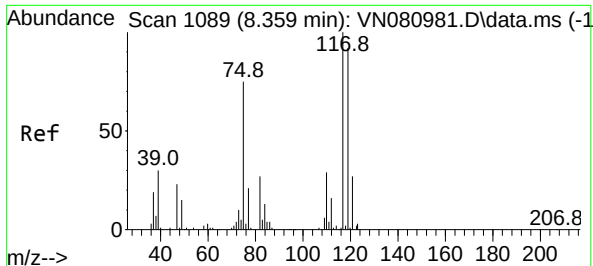
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#32
1,1,1-Trichloroethane
Concen: 2.817 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

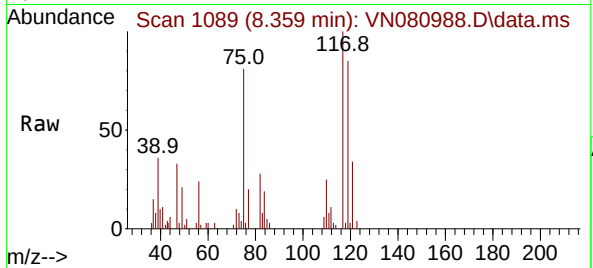
Tgt Ion: 97 Resp: 28291
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 42.2 33.8 50.8





#33
Carbon Tetrachloride
Concen: 2.442 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

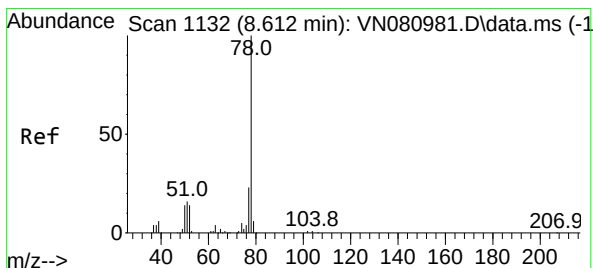
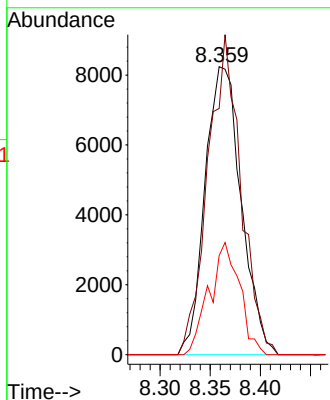
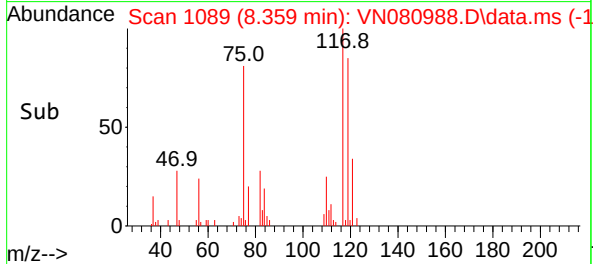
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 117 Resp: 20664
Ion Ratio Lower Upper
117 100
119 85.5 77.7 116.5
121 34.4 27.0 40.6

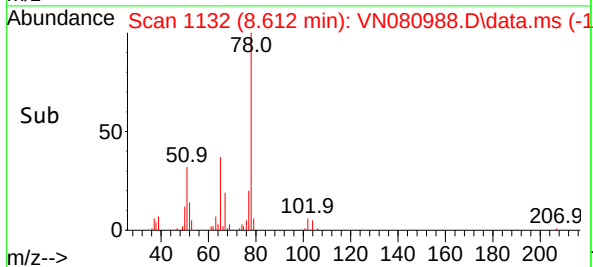
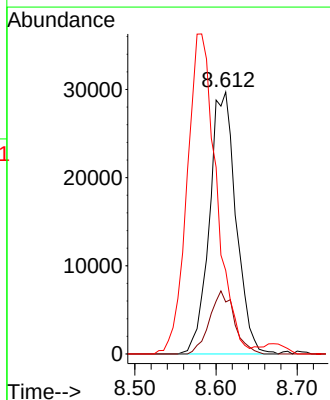
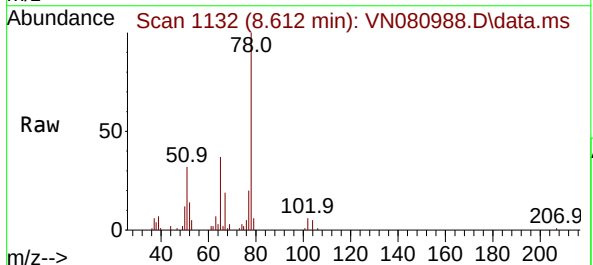
Manual Integrations
APPROVED

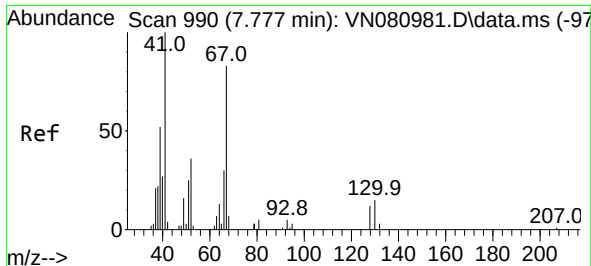
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 2.772 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 78 Resp: 67628
Ion Ratio Lower Upper
78 100
77 19.8 19.2 28.8
51 28.1 13.3 19.9#





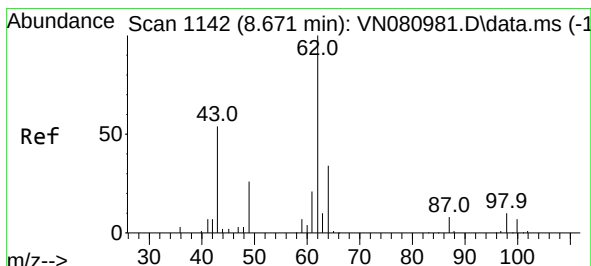
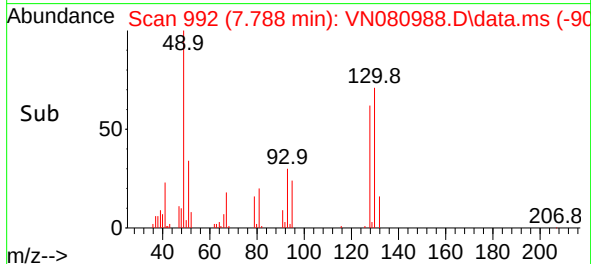
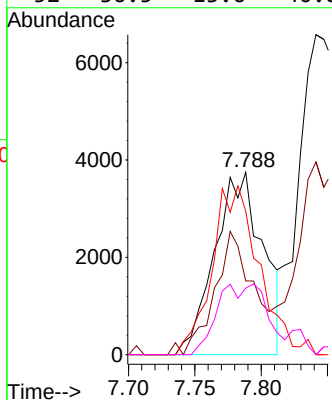
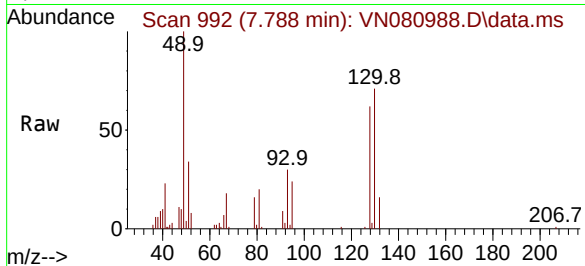
#35
Methacrylonitrile
Concen: 2.749 ug/l m
RT: 7.788 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

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

Tgt Ion: 41 Resp: 946
Ion Ratio Lower Upper
41 100
39 40.4 25.3 75.9
67 78.7 38.7 116.1
52 36.5 13.6 40.8

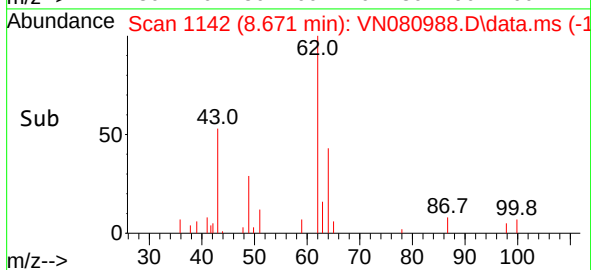
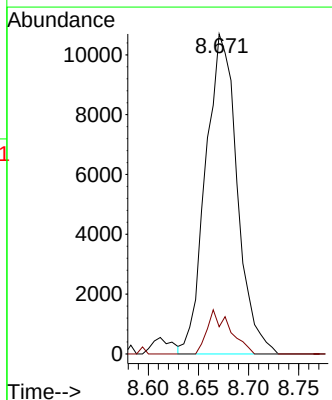
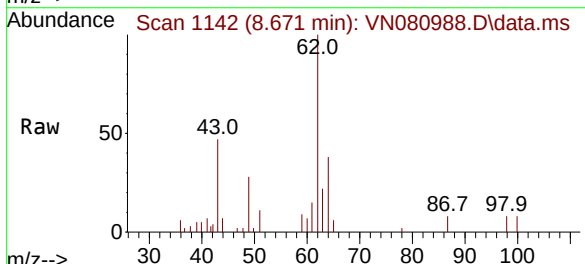
Manual Integrations
APPROVED

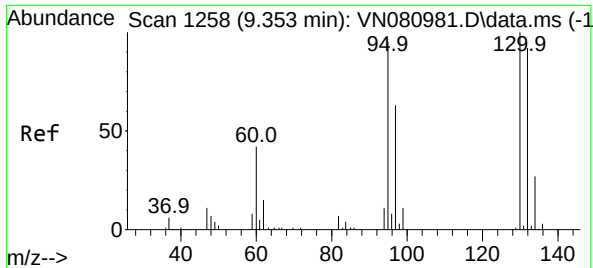
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 2.857 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

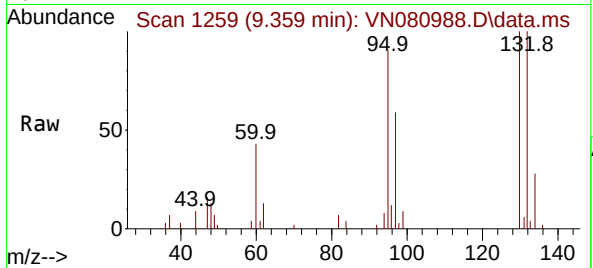
Tgt Ion: 62 Resp: 23388
Ion Ratio Lower Upper
62 100
98 10.1 8.2 12.4





#37
Trichloroethene
Concen: 2.620 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

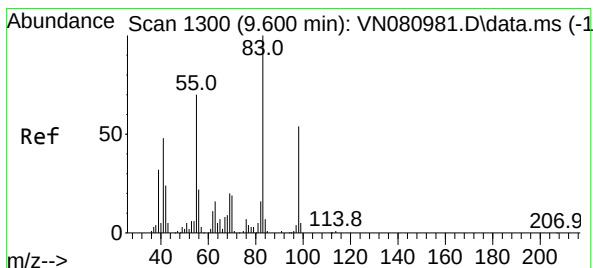
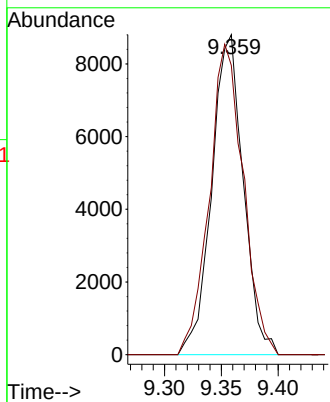
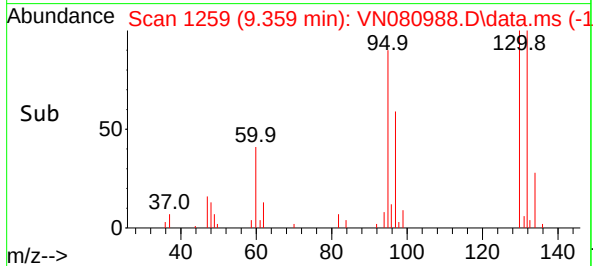
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



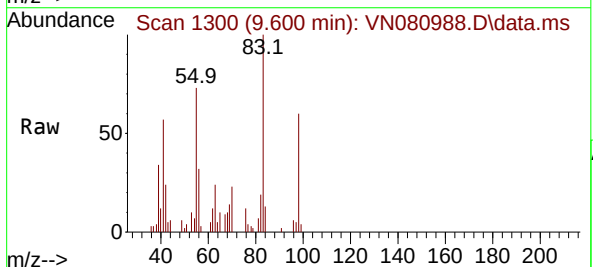
Tgt Ion:130 Resp: 16990
Ion Ratio Lower Upper
130 100
95 90.4 80.2 120.4

Manual Integrations
APPROVED

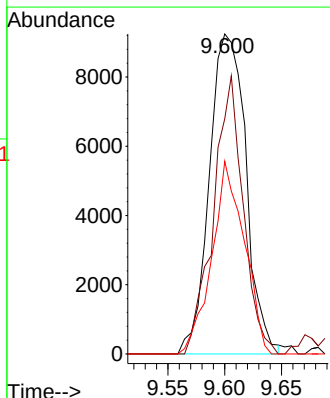
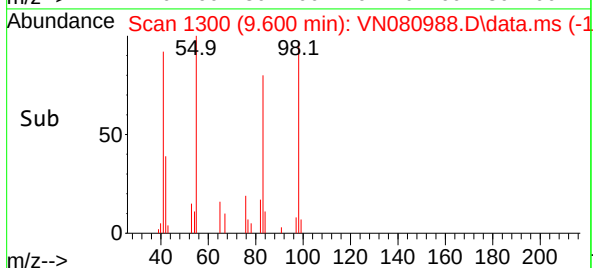
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

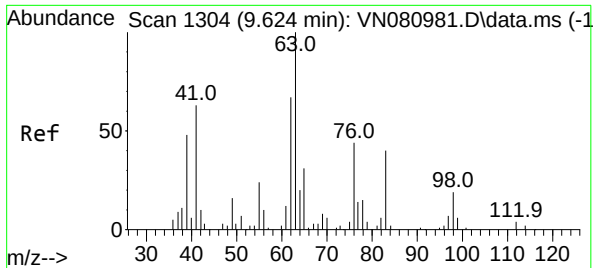


#38
Methylcyclohexane
Concen: 2.597 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36



Tgt Ion: 83 Resp: 20690
Ion Ratio Lower Upper
83 100
55 71.0 36.6 109.9
98 53.5 23.8 71.5





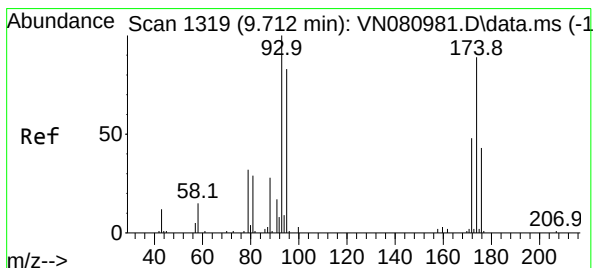
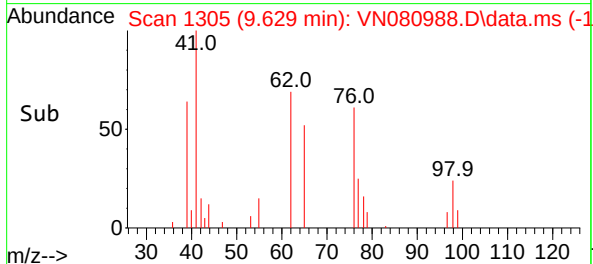
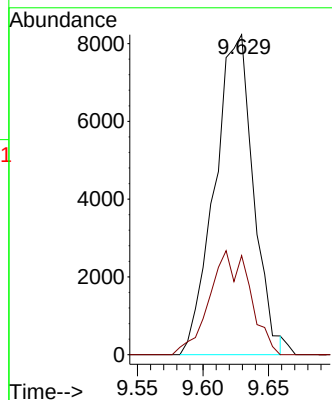
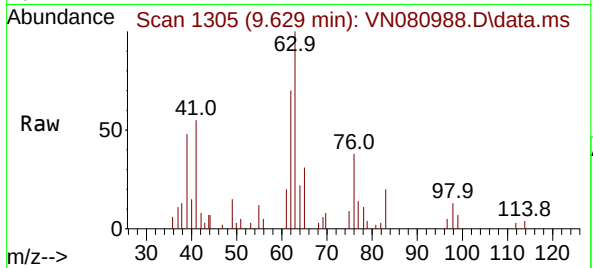
#39
1,2-Dichloropropane
Concen: 2.914 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

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

Tgt Ion: 63 Resp: 1686
Ion Ratio Lower Upper
63 100
65 31.0 25.0 37.4

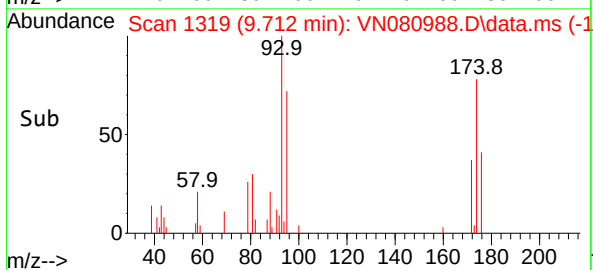
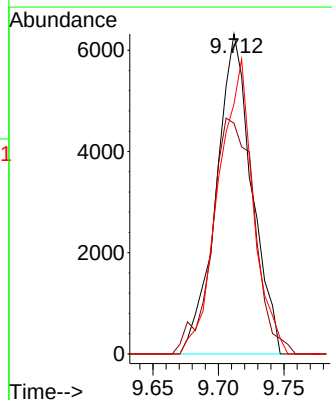
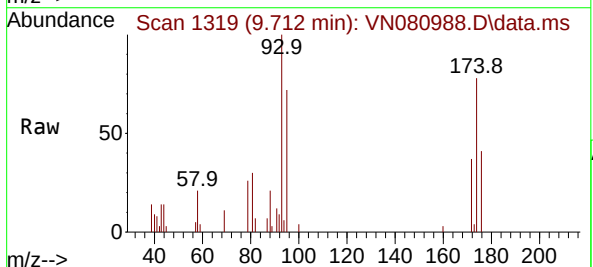
Manual Integrations
APPROVED

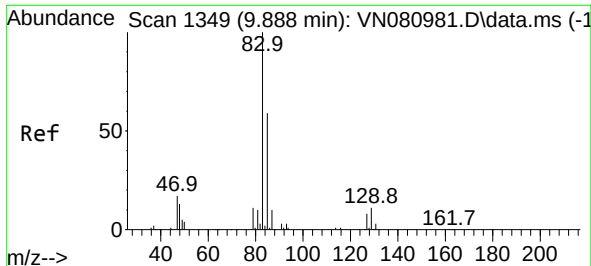
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#40
Dibromomethane
Concen: 2.715 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

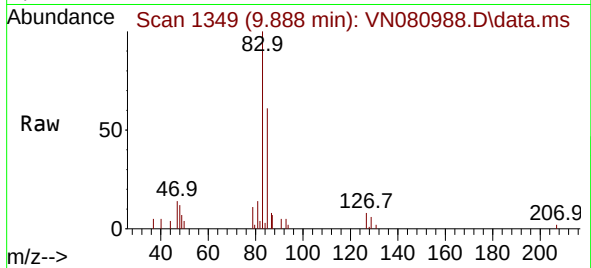
Tgt Ion: 93 Resp: 11952
Ion Ratio Lower Upper
93 100
95 87.0 0.0 164.6
174 90.1 0.0 193.2





#41
Bromodichloromethane
Concen: 2.667 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

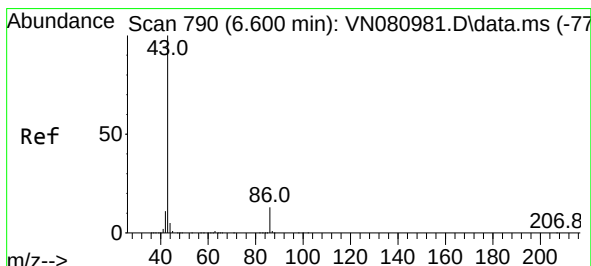
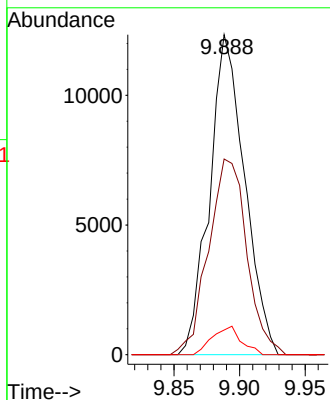
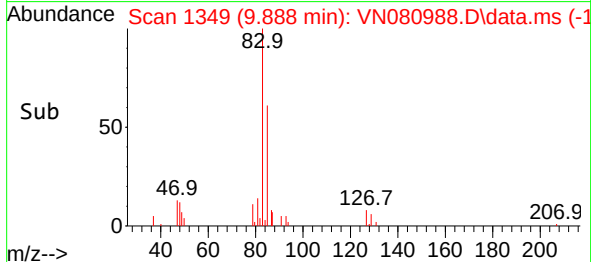
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 83 Resp: 2297
Ion Ratio Lower Upper
83 100
85 59.5 49.4 74.2
127 7.7 7.3 10.9

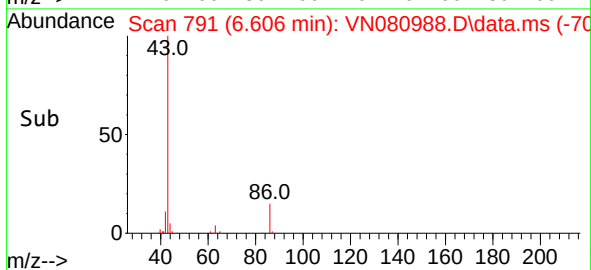
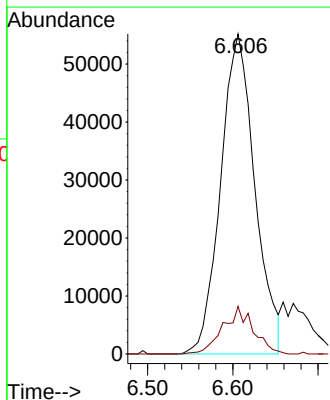
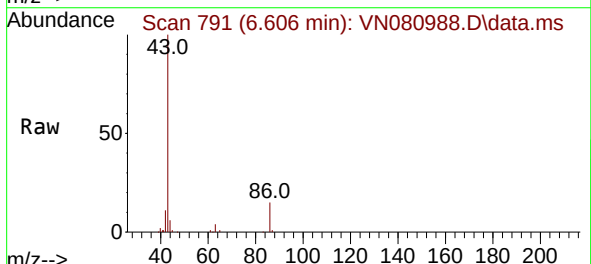
Manual Integrations
APPROVED

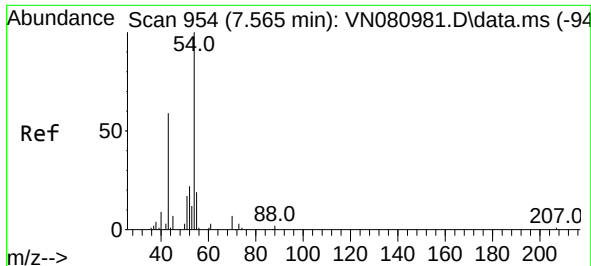
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#42
Vinyl Acetate
Concen: 12.303 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

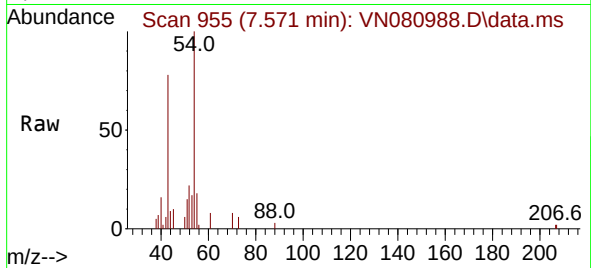
Tgt Ion: 43 Resp: 154134
Ion Ratio Lower Upper
43 100
86 8.7 9.4 14.2#





#43
Ethyl Acetate
Concen: 2.567 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

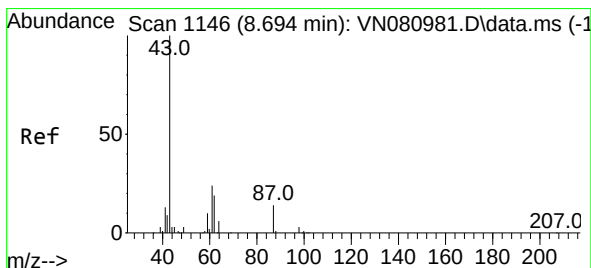
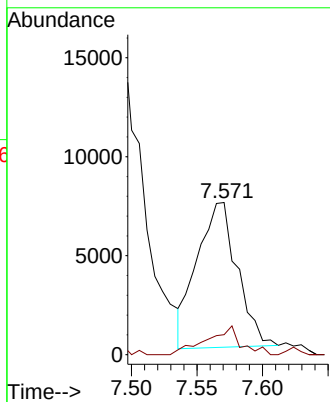
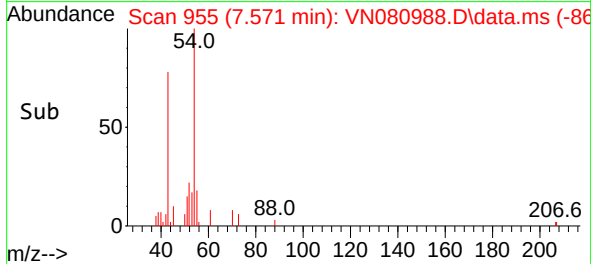
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 43 Resp: 15660
Ion Ratio Lower Upper
43 100
45 16.6 10.6 15.8

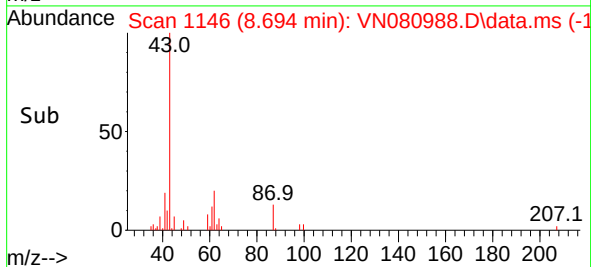
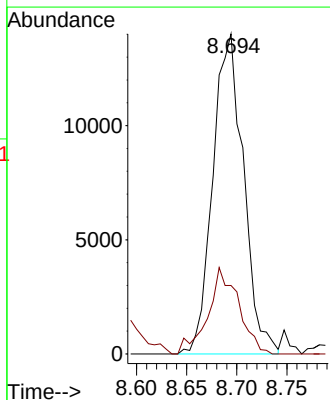
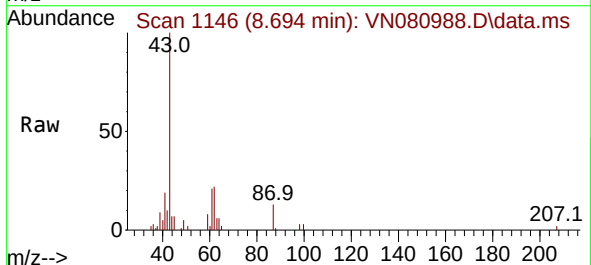
Manual Integrations
APPROVED

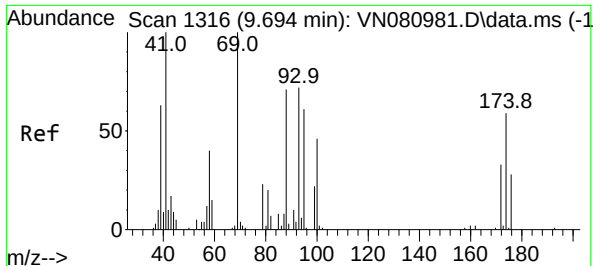
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#44
Isopropyl Acetate
Concen: 2.717 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 43 Resp: 29778
Ion Ratio Lower Upper
43 100
61 11.5 25.0 37.4





#45

1,4-Dioxane

Concen: 56.984 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.012 min

Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 88 Resp: 5924

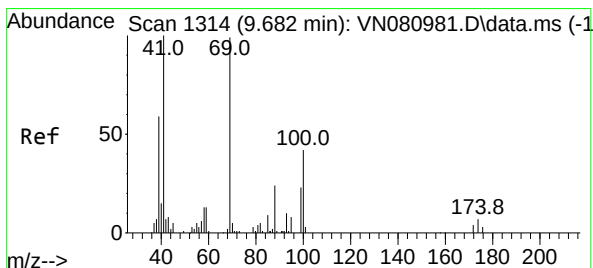
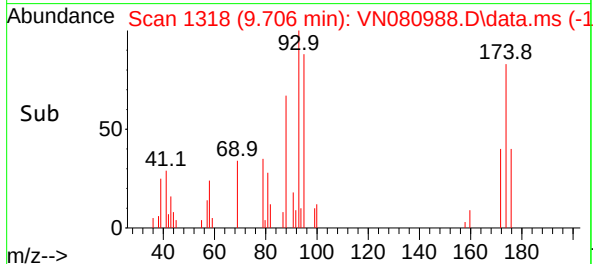
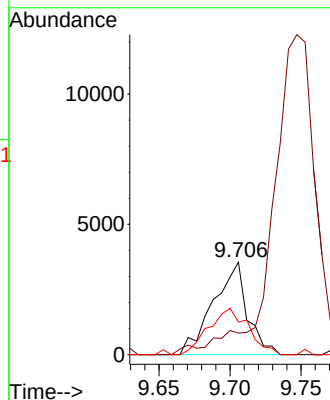
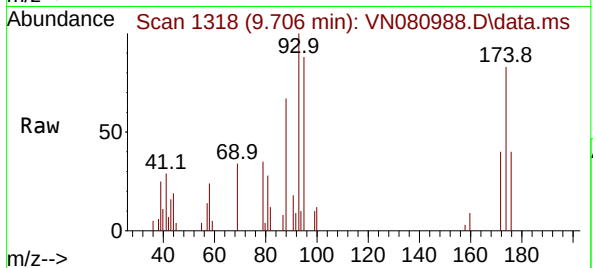
Ion	Ratio	Lower	Upper
88	100		
43	19.7	19.8	29.6
58	58.4	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#46

Methyl methacrylate

Concen: 2.494 ug/l

RT: 9.682 min Scan# 1314

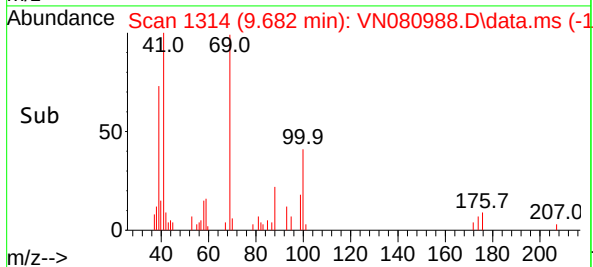
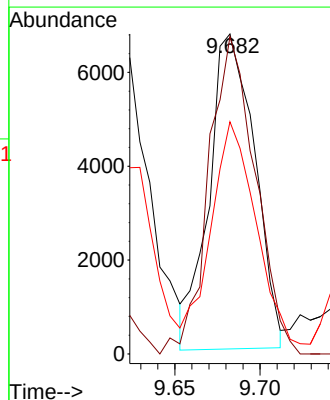
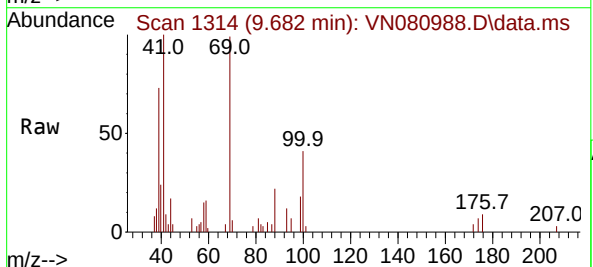
Delta R.T. -0.000 min

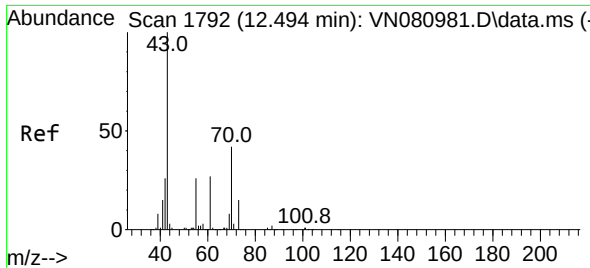
Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

Tgt Ion: 41 Resp: 12508

Ion	Ratio	Lower	Upper
41	100		
69	103.7	51.1	153.3
39	69.6	25.8	77.3





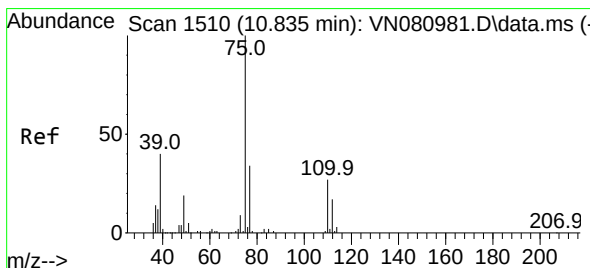
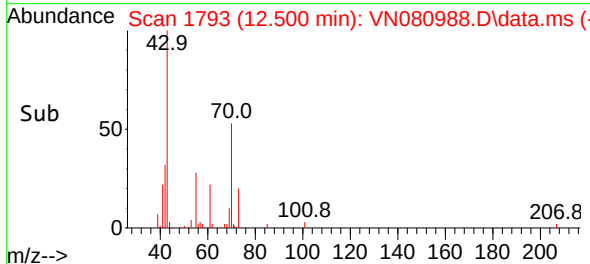
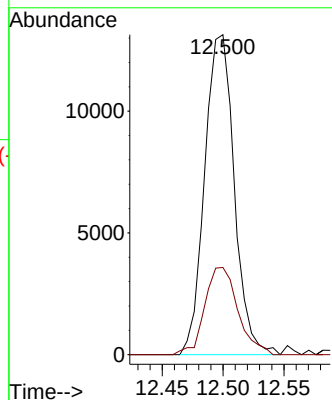
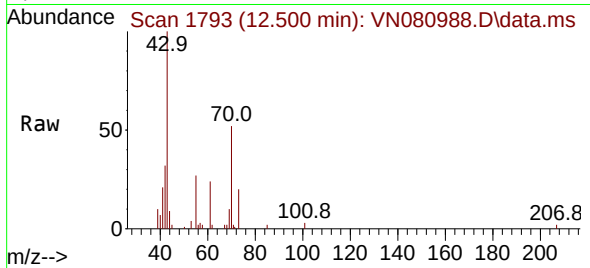
#47
n-amy1 Acetate
Concen: 2.322 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

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

Tgt Ion: 43 Resp: 2219
Ion Ratio Lower Upper
43 100
55 29.8 23.4 35.2

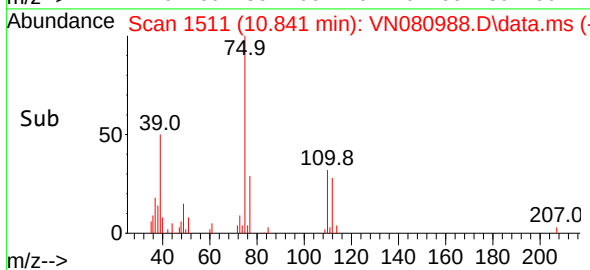
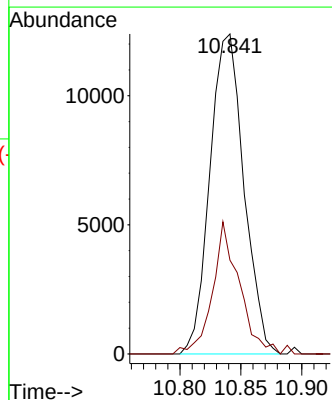
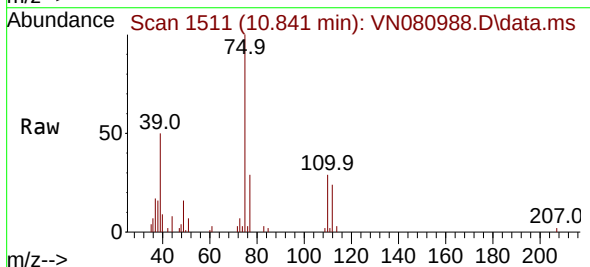
Manual Integrations
APPROVED

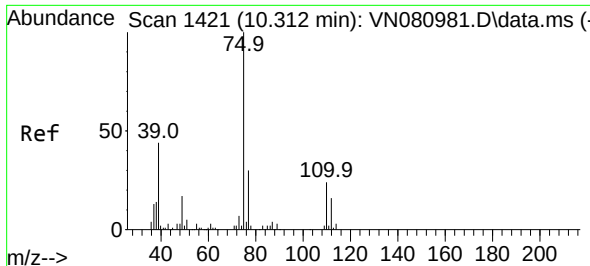
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#48
t-1,3-Dichloropropene
Concen: 2.664 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

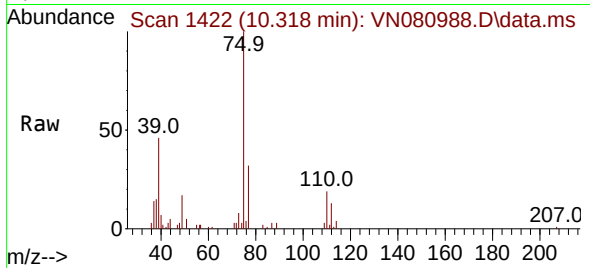
Tgt Ion: 75 Resp: 24053
Ion Ratio Lower Upper
75 100
77 29.3 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 2.456 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

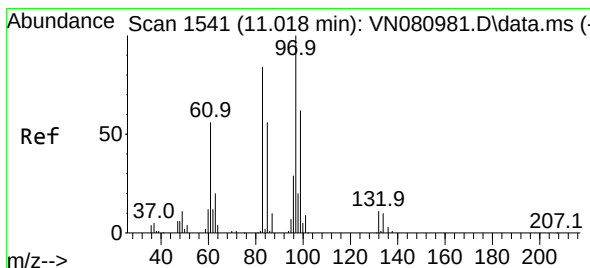
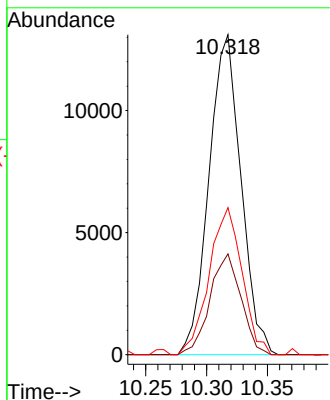
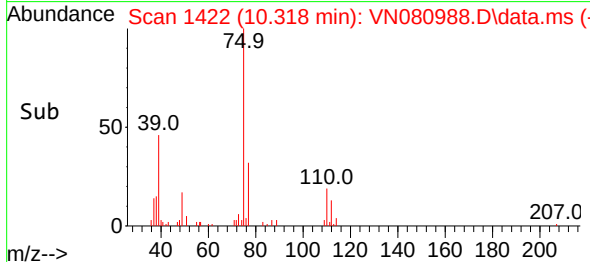
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 75 Resp: 2403
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3
39 45.9 31.0 46.6

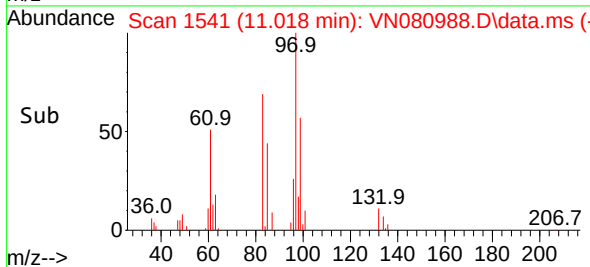
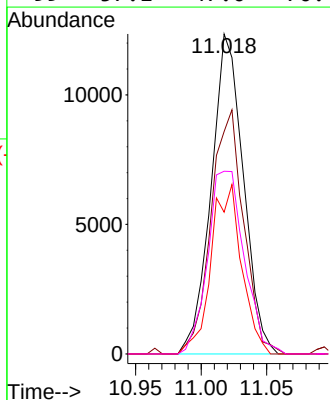
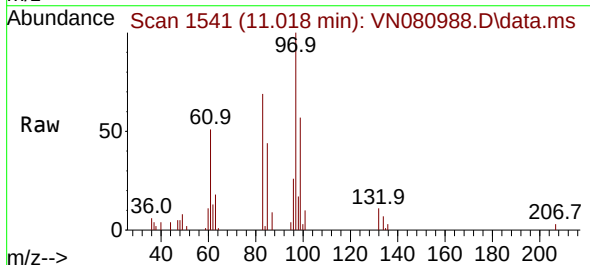
Manual Integrations
APPROVED

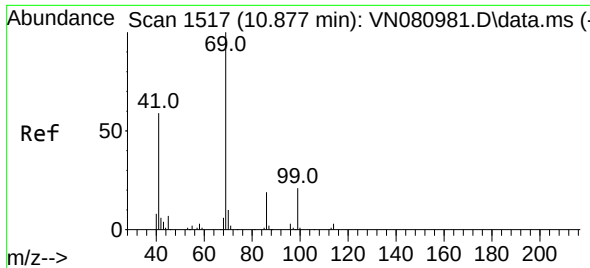
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#50
1,1,2-Trichloroethane
Concen: 3.460 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

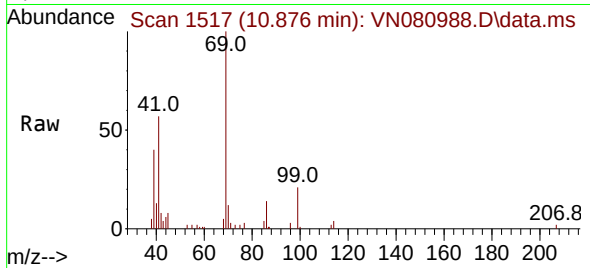
Tgt Ion: 97 Resp: 21077
Ion Ratio Lower Upper
97 100
83 69.5 68.1 102.1
85 44.3 41.8 62.6
99 57.1 47.0 70.4





#51
Ethyl methacrylate
Concen: 2.658 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

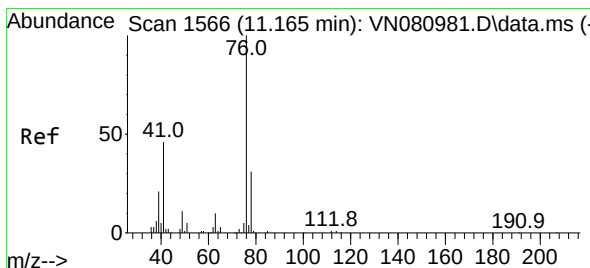
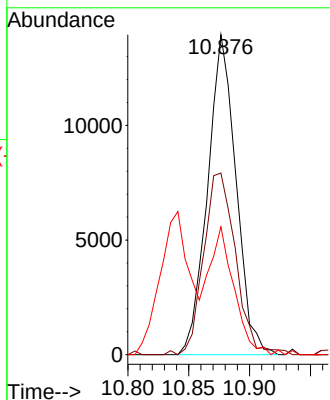
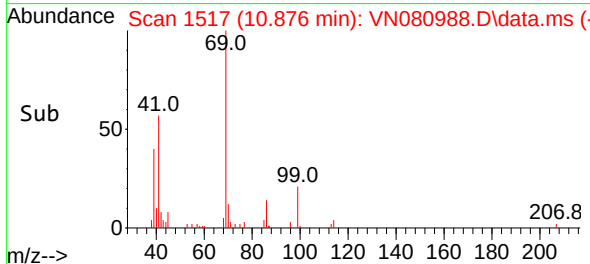
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 69 Resp: 22632
Ion Ratio Lower Upper
69 100
41 56.7 25.5 76.5
39 38.5 16.0 47.9

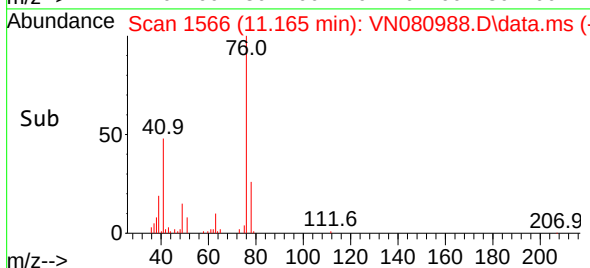
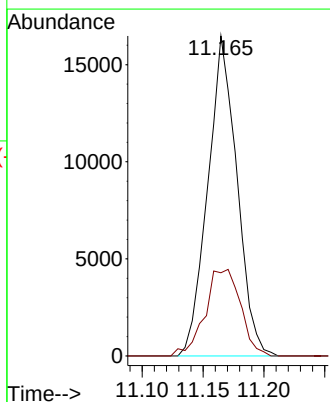
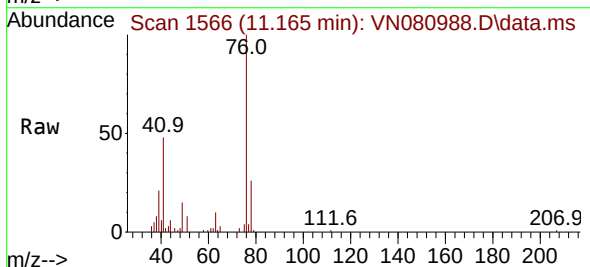
Manual Integrations
APPROVED

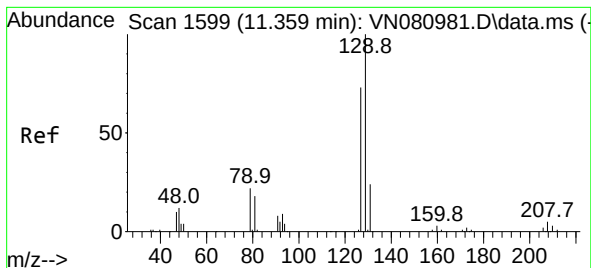
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#52
1,3-Dichloropropane
Concen: 2.731 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

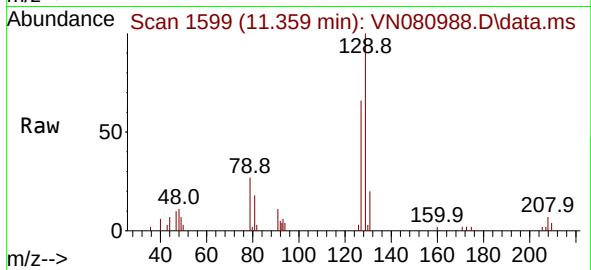
Tgt Ion: 76 Resp: 27472
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.8





#53
Dibromochloromethane
Concen: 2.404 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

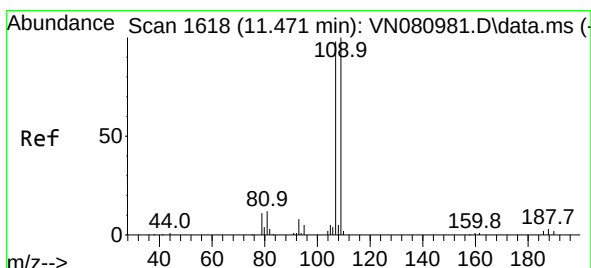
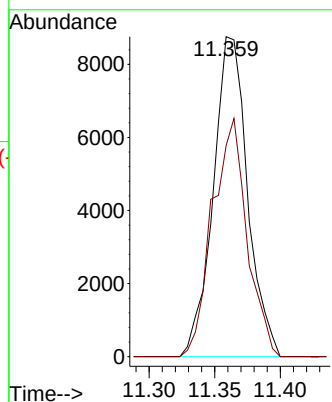
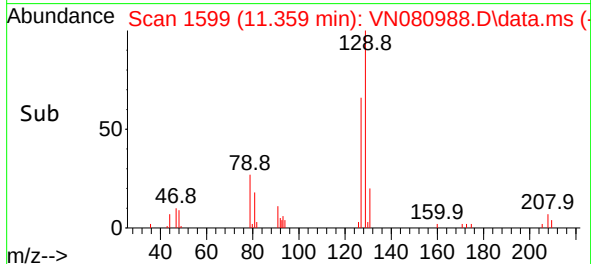
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



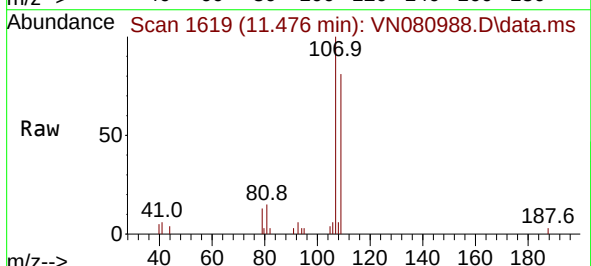
Tgt Ion:129 Resp: 1595
Ion Ratio Lower Upper
129 100
127 75.0 39.4 118.1

Manual Integrations
APPROVED

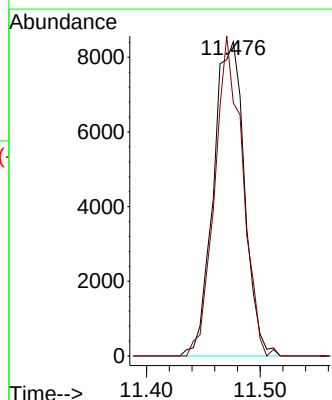
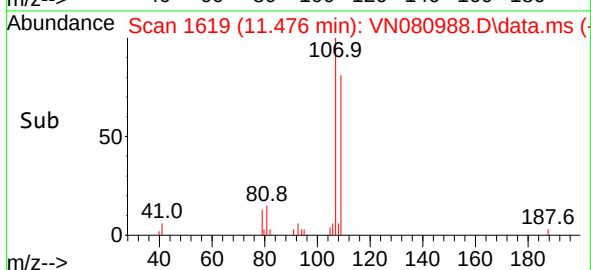
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

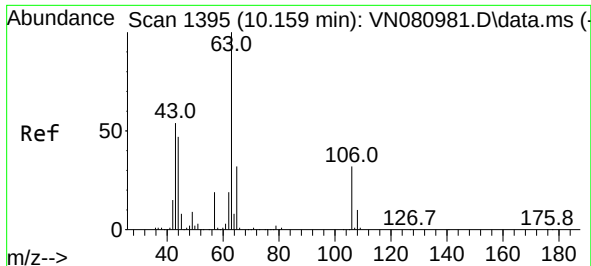


#54
1,2-Dibromoethane
Concen: 2.531 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36



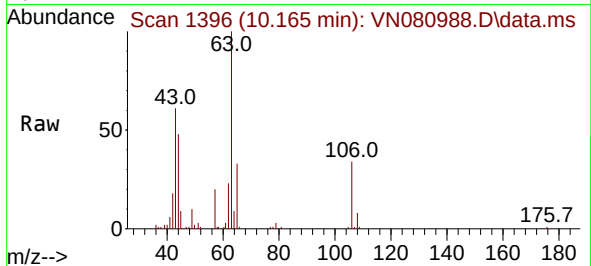
Tgt Ion:107 Resp: 15952
Ion Ratio Lower Upper
107 100
109 91.3 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 12.538 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

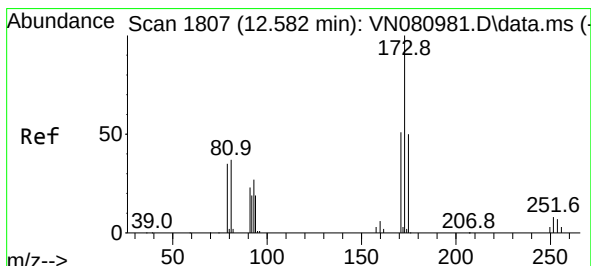
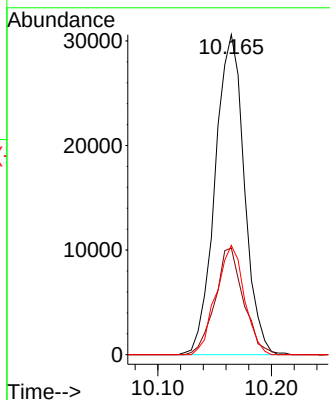
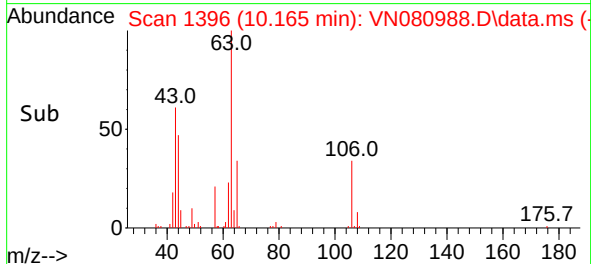
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 63 Resp: 5470
Ion Ratio Lower Upper
63 100
65 32.5 26.2 39.2
106 33.0 23.8 35.8

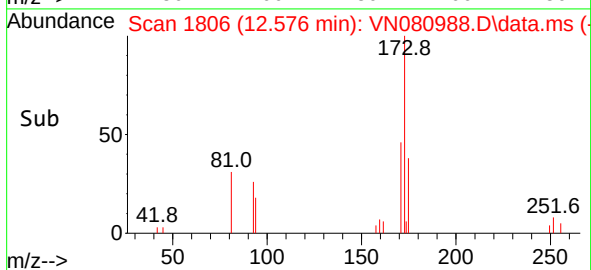
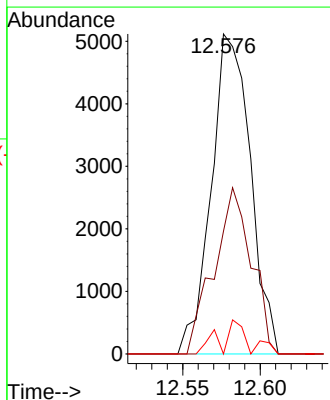
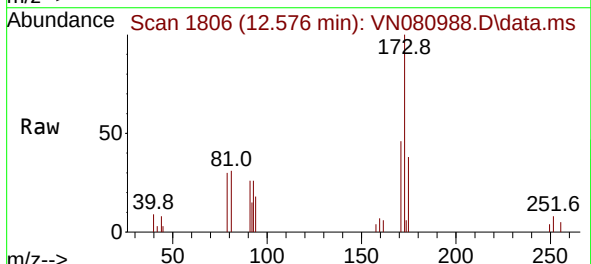
Manual Integrations
APPROVED

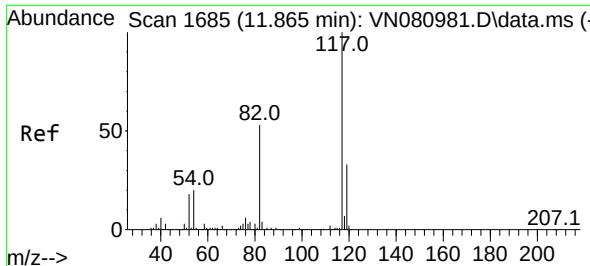
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 2.121 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

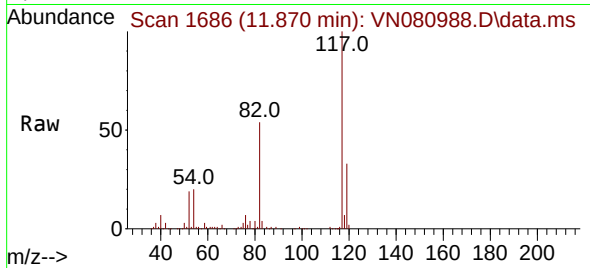
Tgt Ion:173 Resp: 8970
Ion Ratio Lower Upper
173 100
175 50.1 40.0 60.0
254 3.8 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

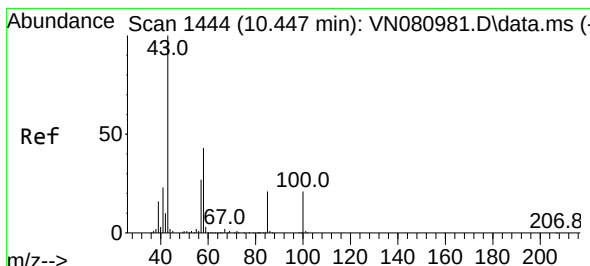
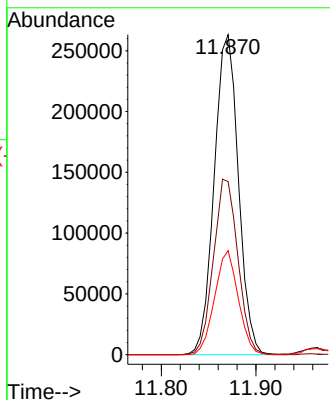
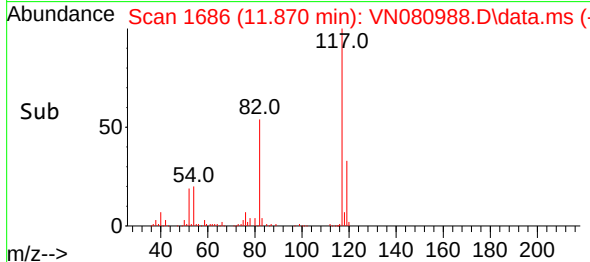
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 117 Resp: 467728
Ion Ratio Lower Upper
117 100
82 55.5 46.6 69.8
119 31.7 25.4 38.2

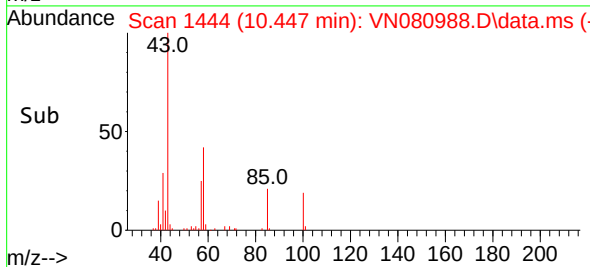
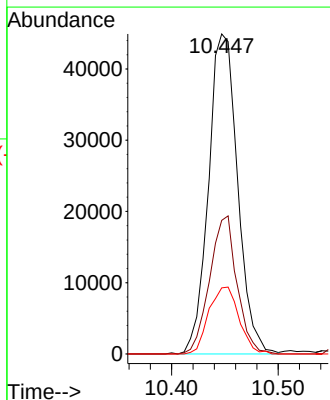
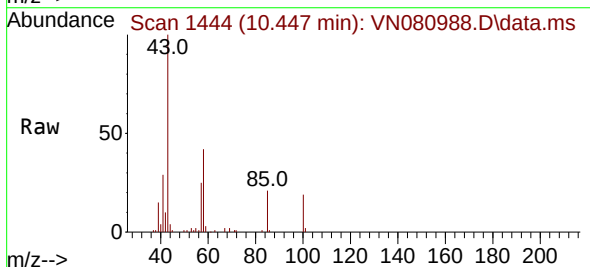
Manual Integrations
APPROVED

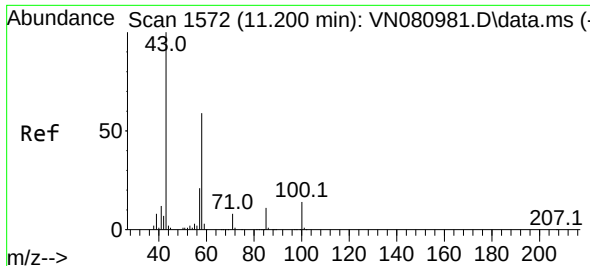
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 14.062 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

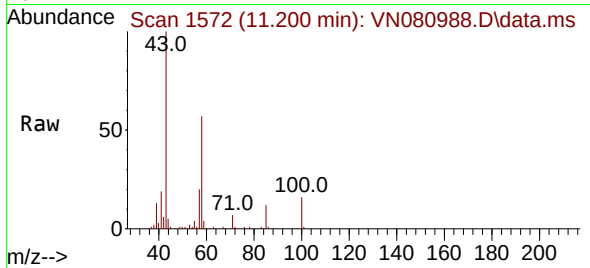
Tgt Ion: 43 Resp: 85388
Ion Ratio Lower Upper
43 100
58 40.4 36.5 54.7
85 21.6 19.5 29.3





#59
2-Hexanone
Concen: 13.212 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

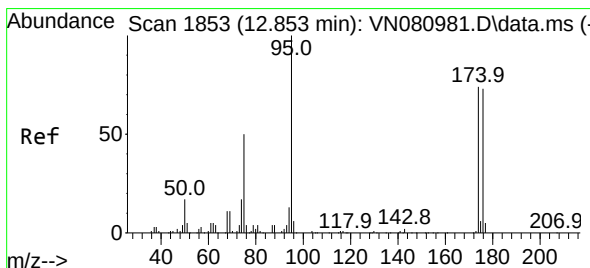
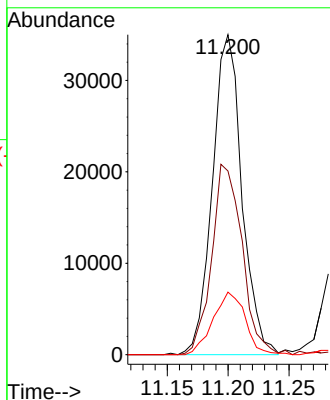
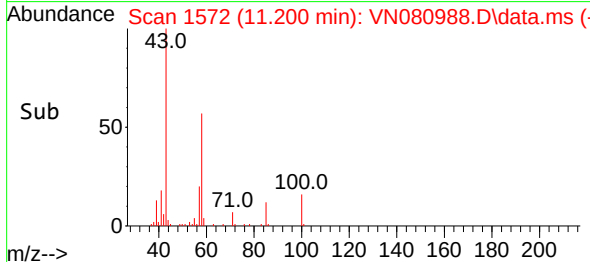
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



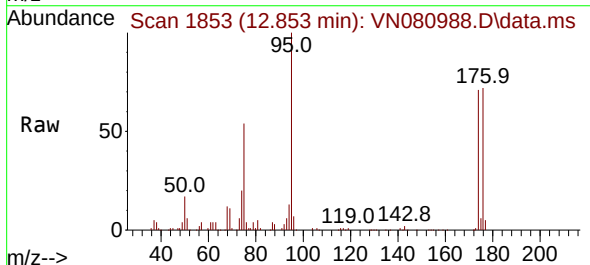
Tgt Ion: 43 Resp: 5900
Ion Ratio Lower Upper
43 100
58 61.4 50.4 75.6
57 21.3 18.6 27.8

Manual Integrations
APPROVED

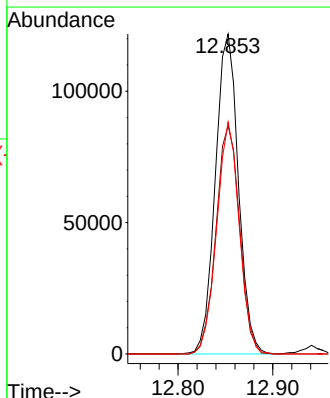
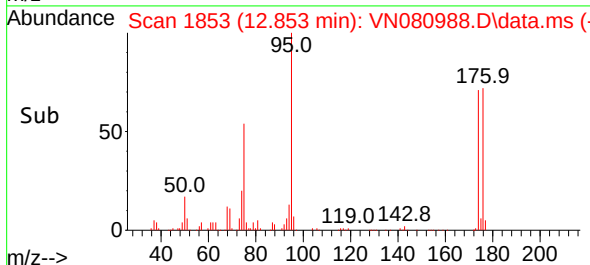
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

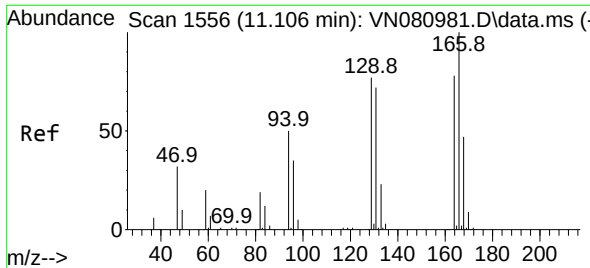


#60
4-Bromofluorobenzene
Concen: 28.851 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36



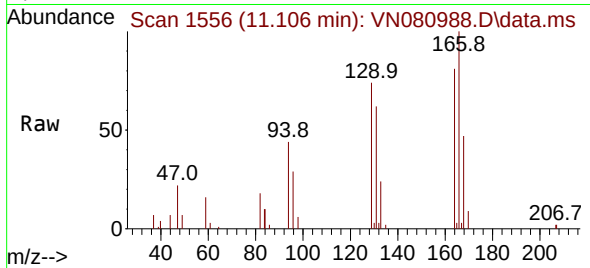
Tgt Ion: 95 Resp: 206301
Ion Ratio Lower Upper
95 100
174 72.7 60.5 90.7
176 71.0 57.8 86.6





#61
Tetrachloroethene
Concen: 3.534 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

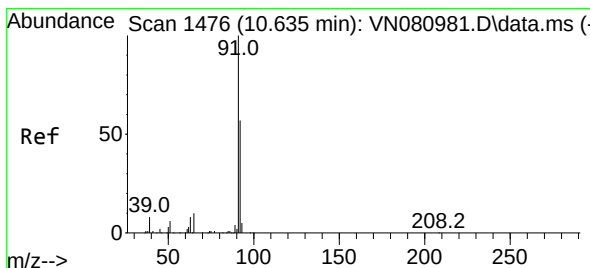
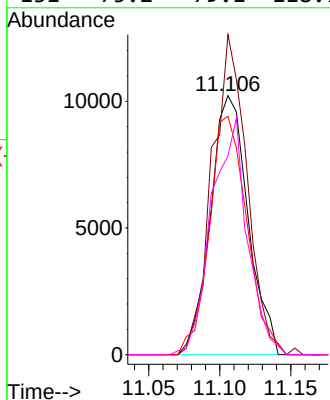
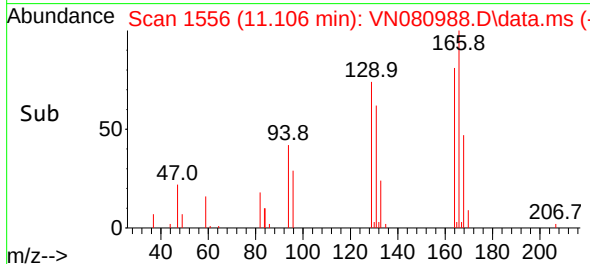
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:164 Resp: 1888
Ion Ratio Lower Upper
164 100
166 123.5 106.7 160.1
129 92.0 85.8 128.6
131 75.2 79.1 118.7#

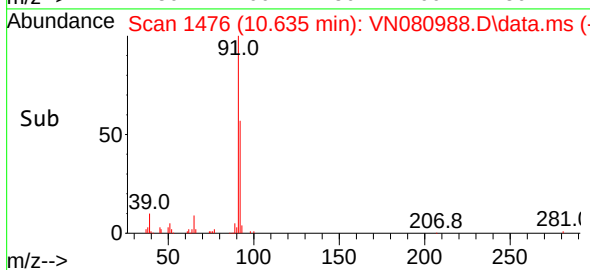
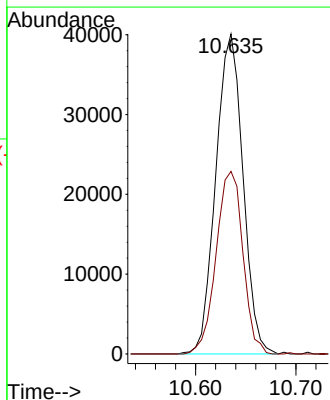
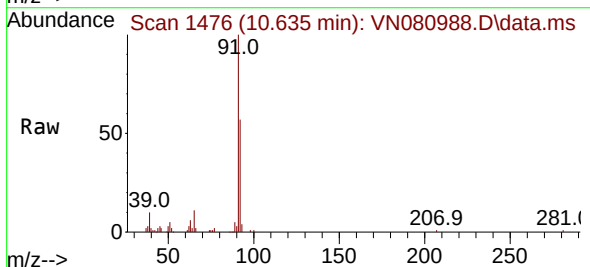
Manual Integrations
APPROVED

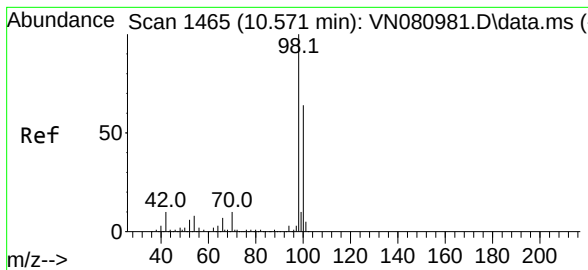
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#62
Toluene
Concen: 2.941 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

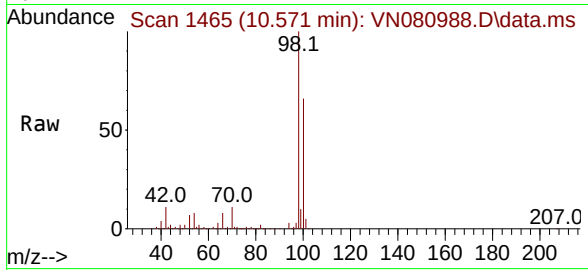
Tgt Ion: 91 Resp: 75346
Ion Ratio Lower Upper
91 100
92 56.3 46.5 69.7





#63
Toluene-d8
Concen: 31.081 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

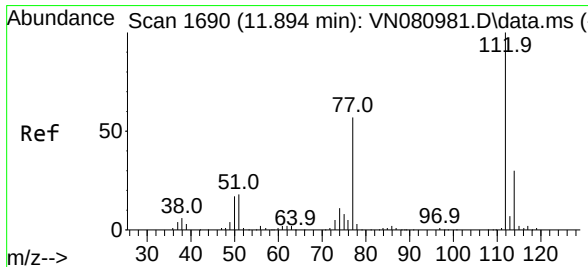
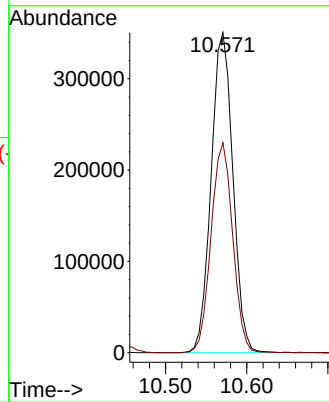
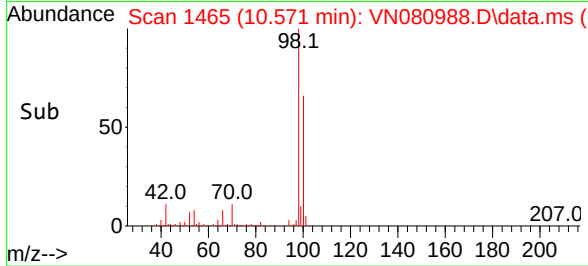
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 98 Resp: 65238
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

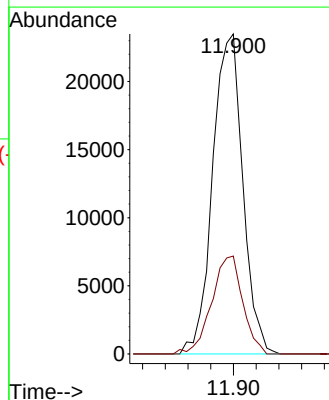
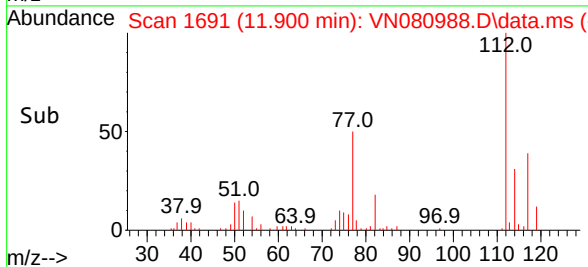
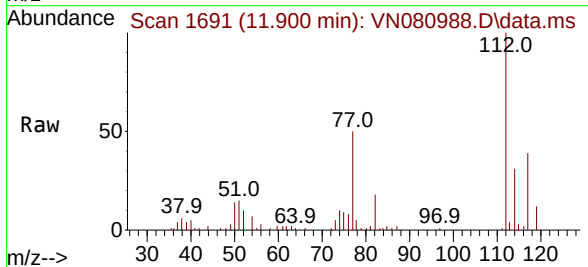
Manual Integrations
APPROVED

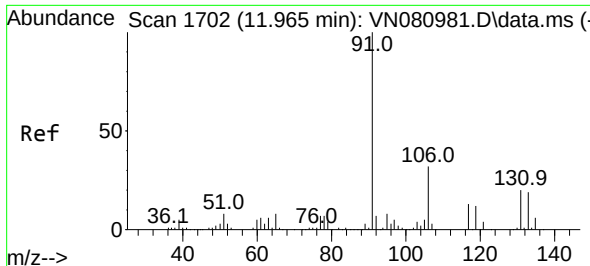
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#64
Chlorobenzene
Concen: 2.756 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

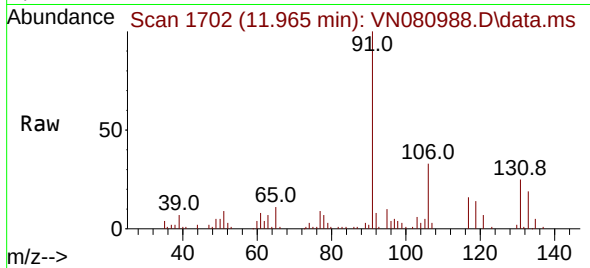
Tgt Ion:112 Resp: 43245
Ion Ratio Lower Upper
112 100
114 30.6 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 2.756 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

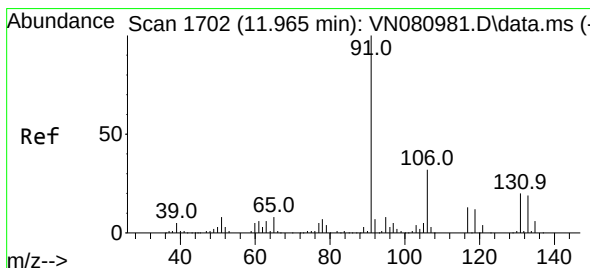
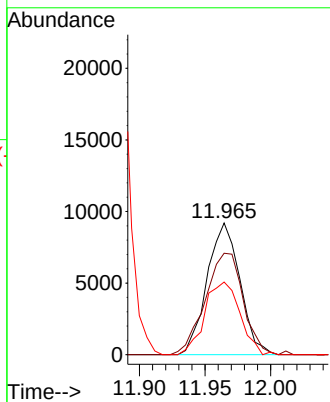
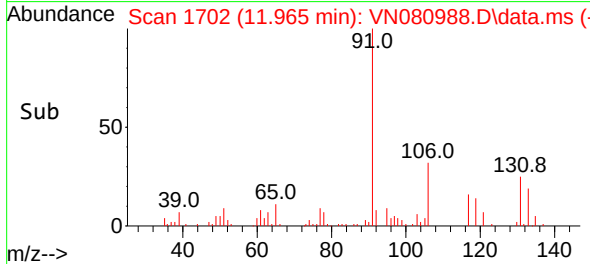
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:131 Resp: 16040
Ion Ratio Lower Upper
131 100
133 88.5 0.0 188.0
119 58.8 0.0 122.8

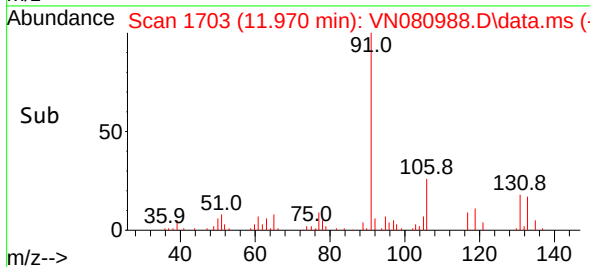
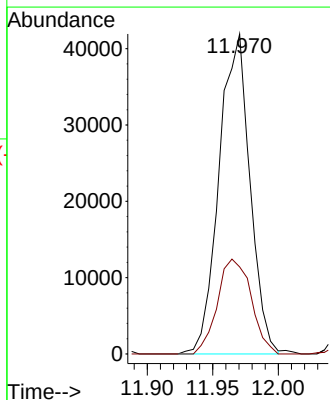
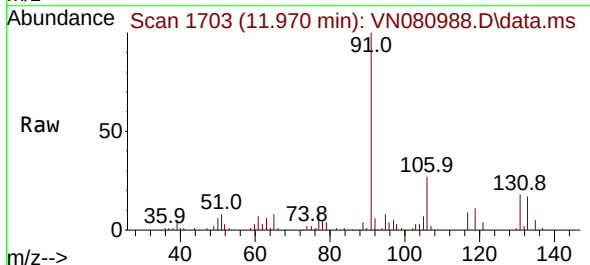
Manual Integrations
APPROVED

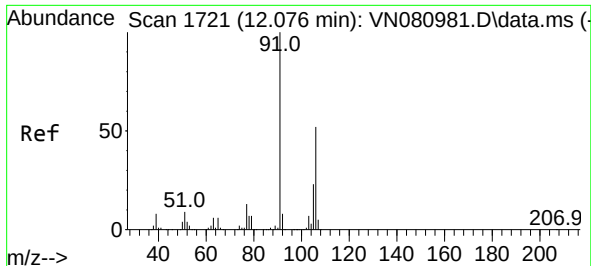
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#66
Ethyl Benzene
Concen: 2.545 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 91 Resp: 68552
Ion Ratio Lower Upper
91 100
106 27.2 24.4 36.6





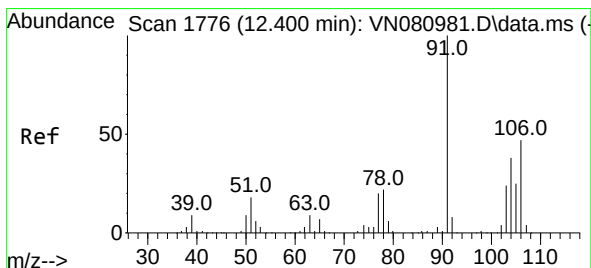
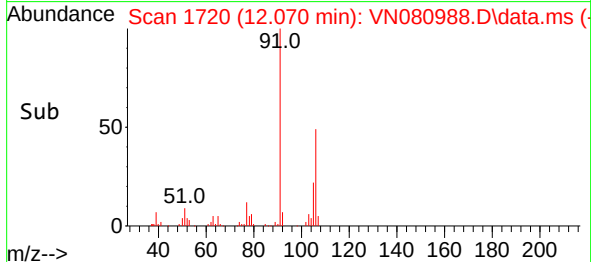
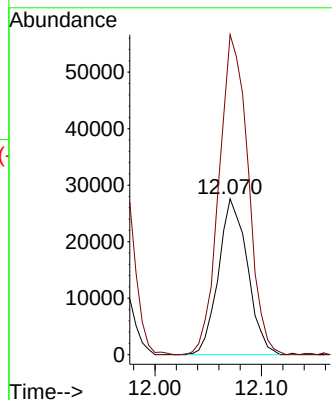
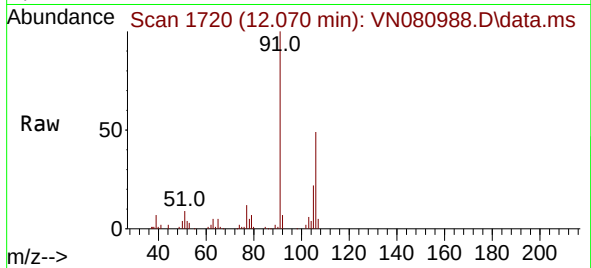
#67
m/p-Xylenes
Concen: 4.931 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

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

Tgt Ion:106 Resp: 5216
Ion Ratio Lower Upper
106 100
91 205.6 166.6 249.8

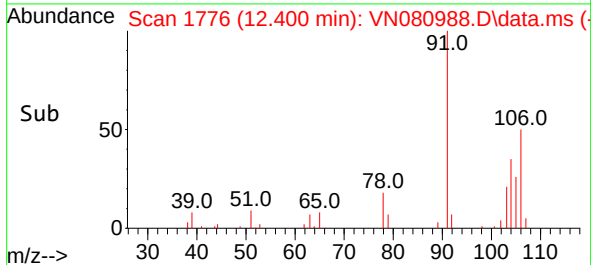
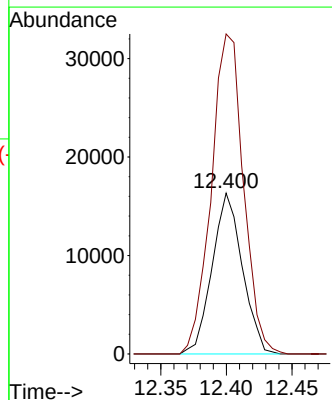
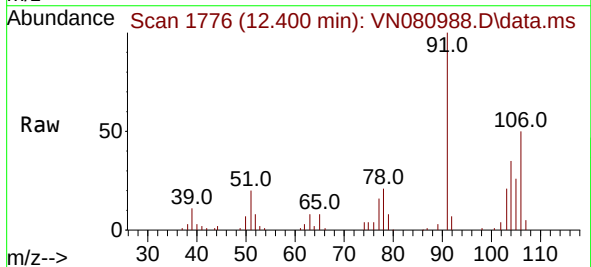
Manual Integrations
APPROVED

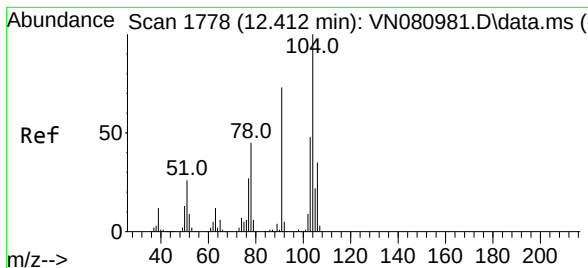
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 2.523 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion:106 Resp: 26162
Ion Ratio Lower Upper
106 100
91 211.9 110.0 330.0





#69

Styrene

Concen: 2.364 ug/l

RT: 12.417 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

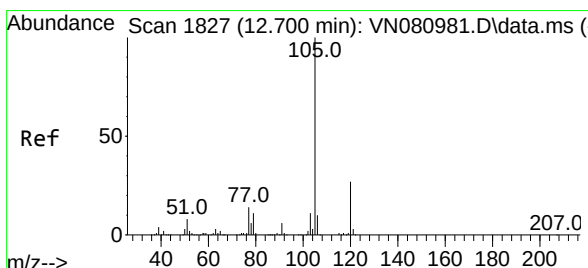
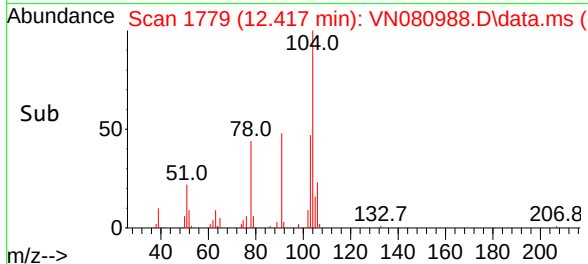
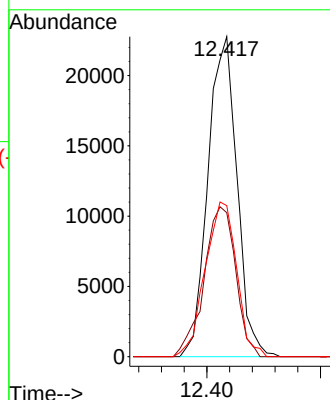
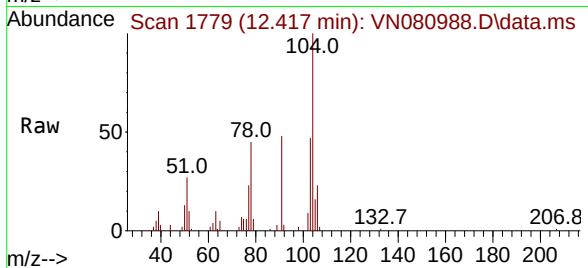
Tgt Ion:104	Resp:	4035
Ion Ratio	Lower	Upper
104	100	
78	51.2	42.6 64.0
103	52.4	43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#70

Isopropylbenzene

Concen: 2.410 ug/l

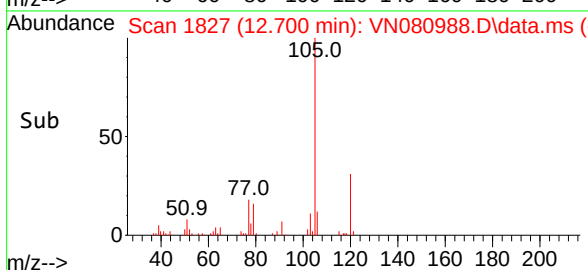
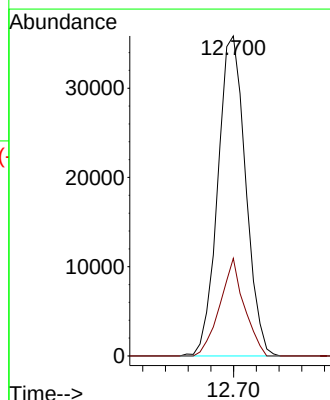
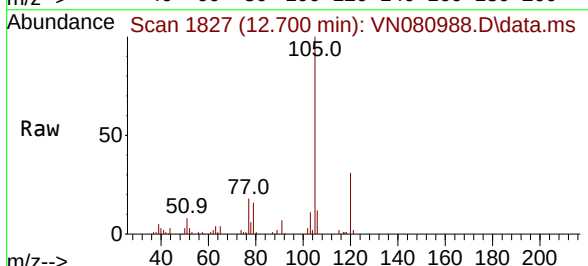
RT: 12.700 min Scan# 1827

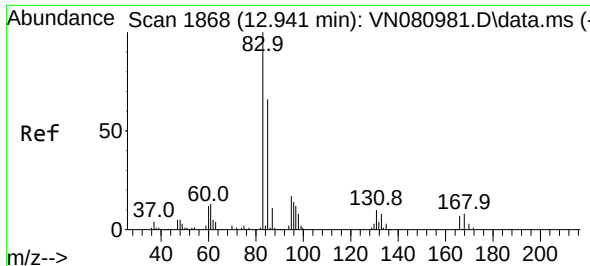
Delta R.T. -0.000 min

Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

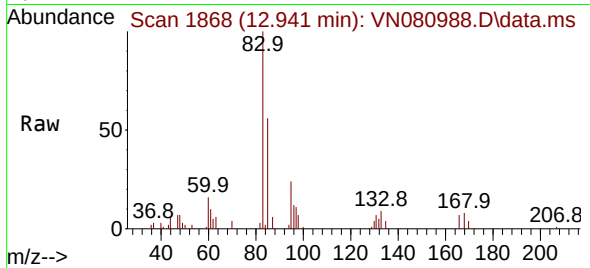
Tgt Ion:105	Resp:	60887
Ion Ratio	Lower	Upper
105	100	
120	26.8	17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 2.874 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

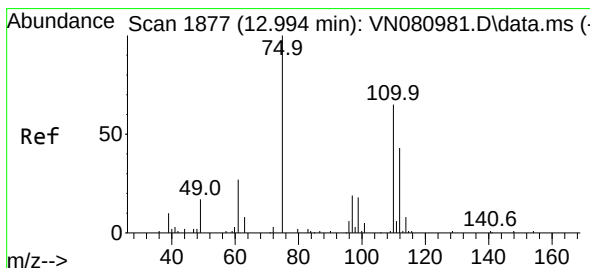
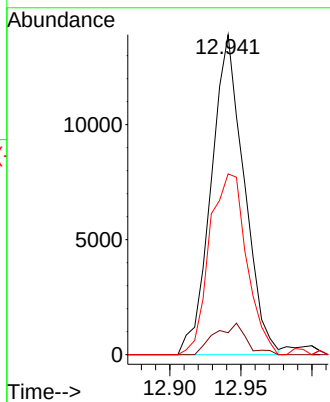
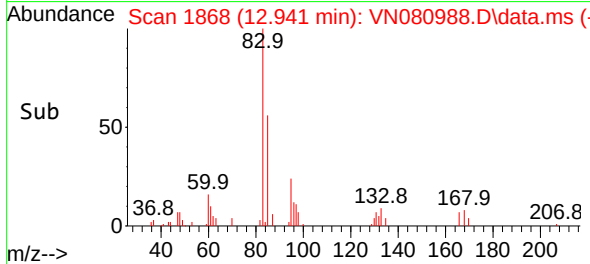
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 83 Resp: 22394
Ion Ratio Lower Upper
83 100
131 3.7 5.2 15.6
85 63.8 32.3 96.8

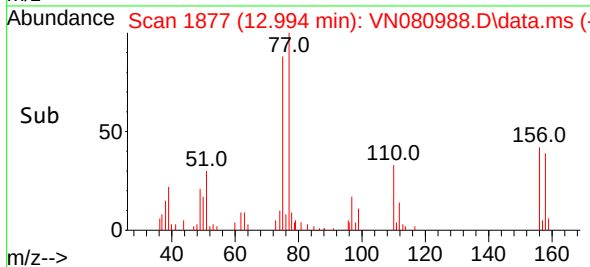
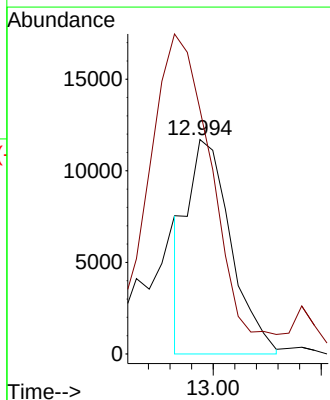
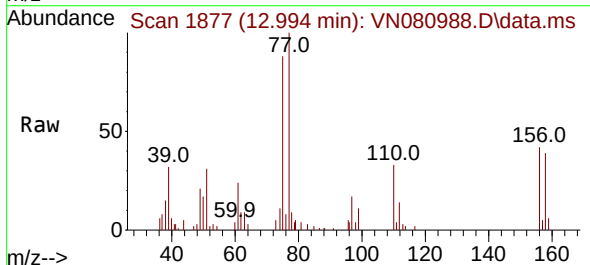
Manual Integrations
APPROVED

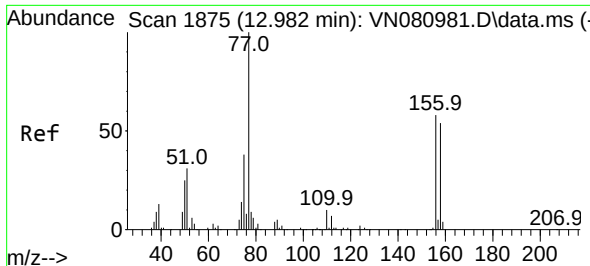
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#72
1,2,3-Trichloropropane
Concen: 2.647 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 75 Resp: 16144
Ion Ratio Lower Upper
75 100
77 223.4 0.0 367.6





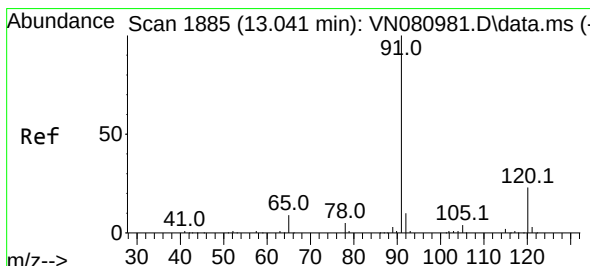
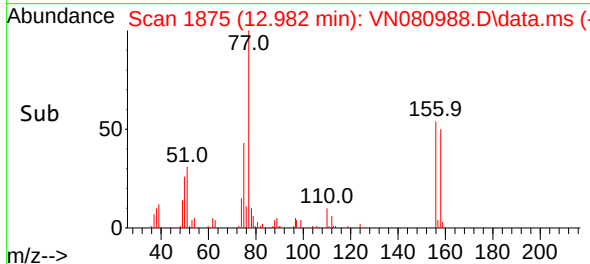
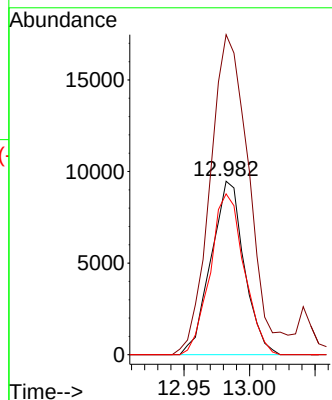
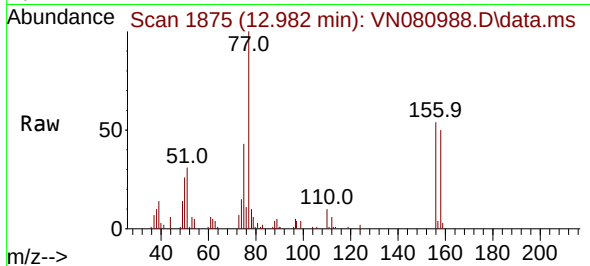
#73
Bromobenzene
Concen: 2.652 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

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

Tgt Ion:156 Resp: 1666
Ion Ratio Lower Upper
156 100
77 216.4 0.0 437.6
158 94.8 0.0 203.8

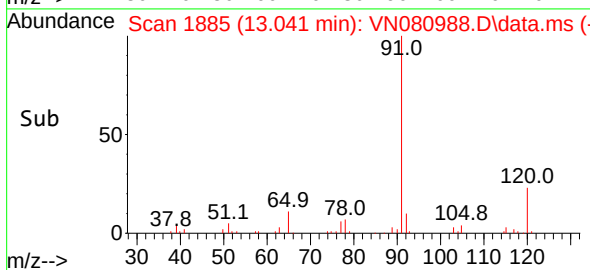
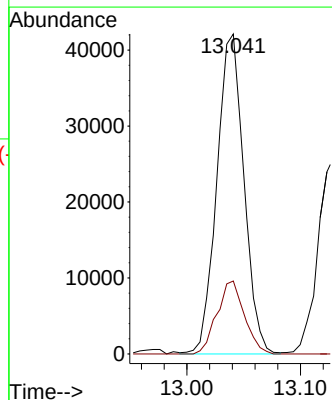
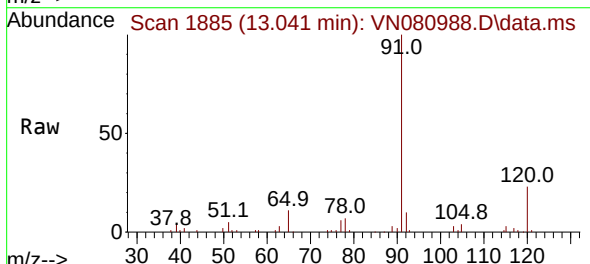
Manual Integrations
APPROVED

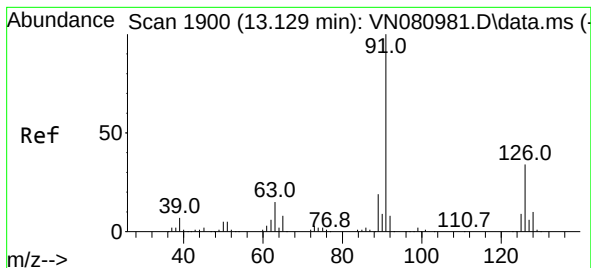
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#74
n-propylbenzene
Concen: 2.432 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 91 Resp: 69843
Ion Ratio Lower Upper
91 100
120 23.0 0.0 43.8





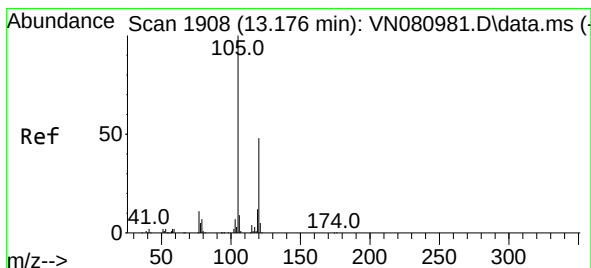
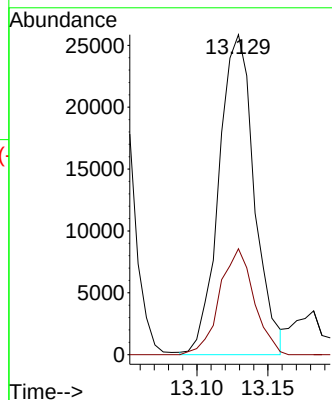
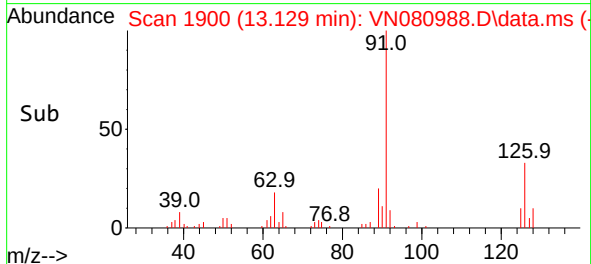
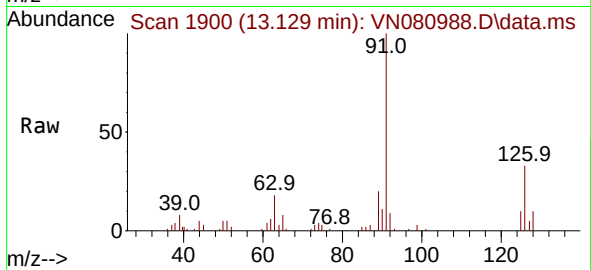
#75
2-Chlorotoluene
Concen: 2.517 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

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

Tgt Ion: 91 Resp: 4487
Ion Ratio Lower Upper
91 100
126 32.2 0.0 61.2

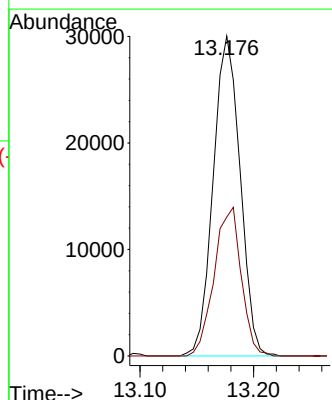
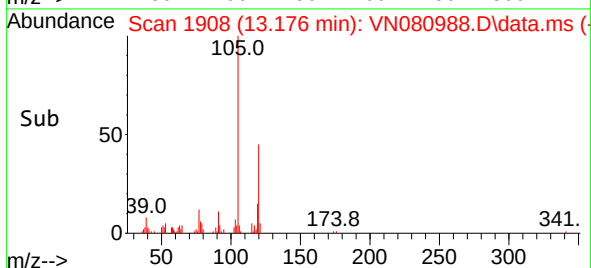
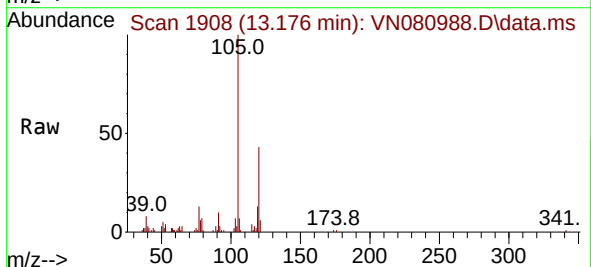
Manual Integrations
APPROVED

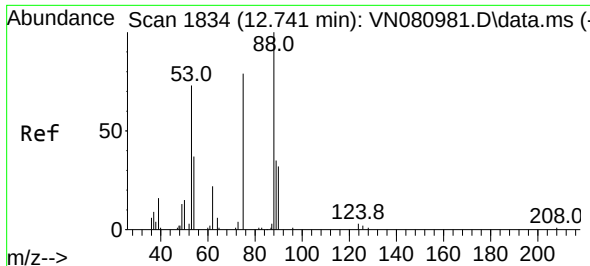
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 2.392 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

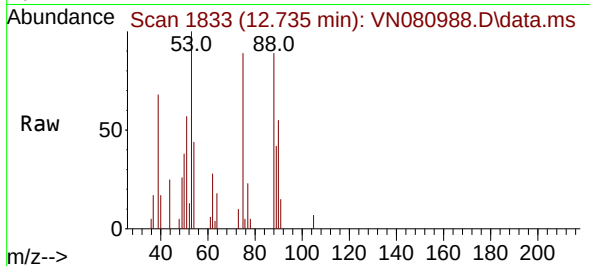
Tgt Ion:105 Resp: 49445
Ion Ratio Lower Upper
105 100
120 46.7 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 2.110 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

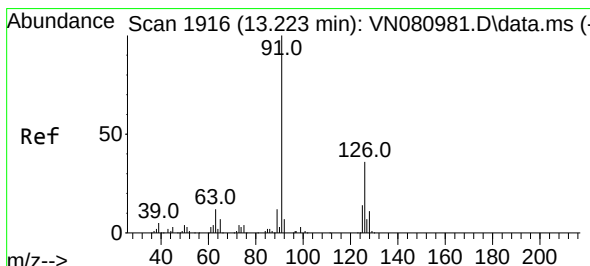
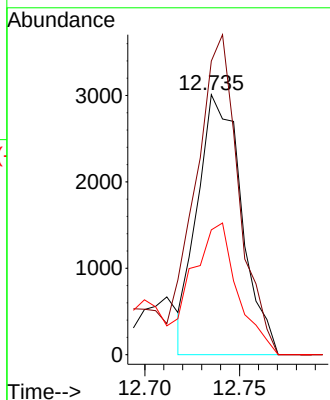
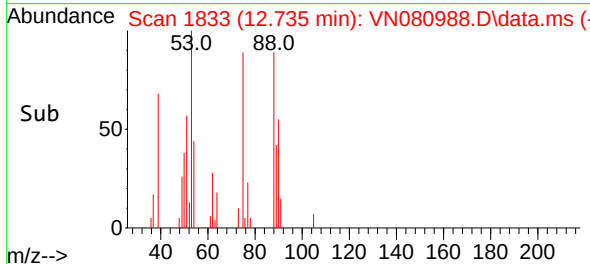
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 75 Resp: 4869
Ion Ratio Lower Upper
75 100
53 106.5 45.9 137.7
89 45.2 25.9 77.7

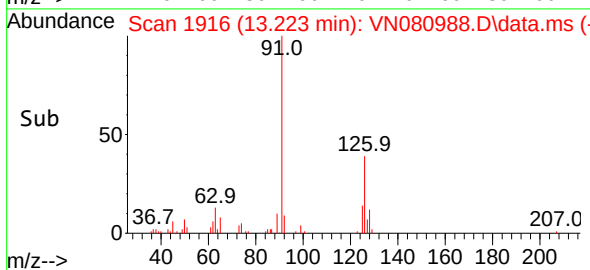
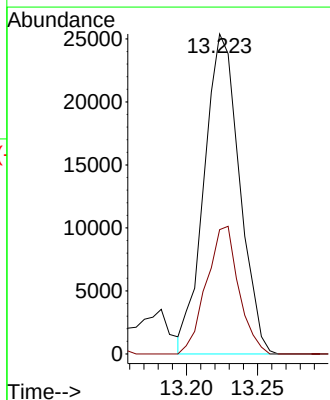
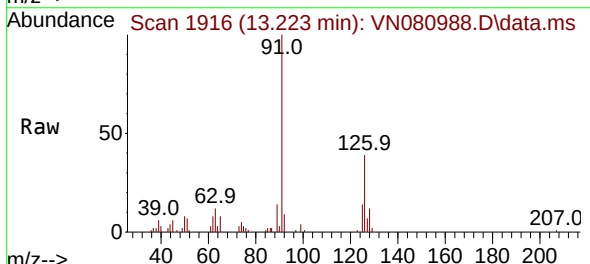
Manual Integrations
APPROVED

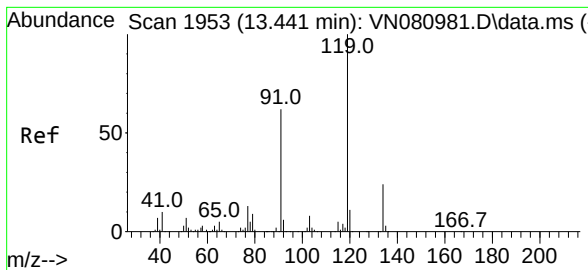
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#78
4-Chlorotoluene
Concen: 2.460 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion: 91 Resp: 43924
Ion Ratio Lower Upper
91 100
126 36.4 0.0 62.8





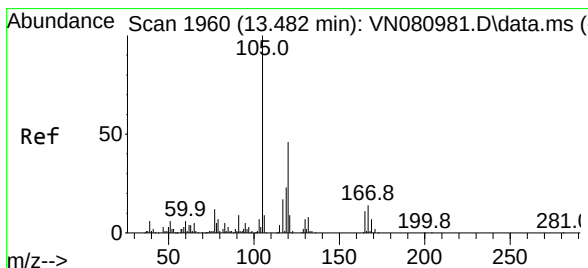
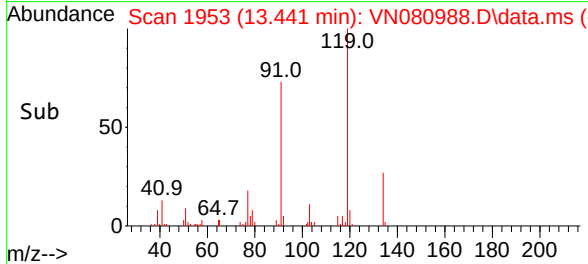
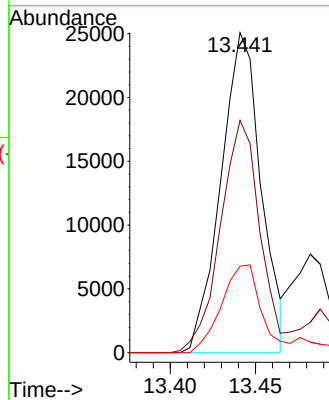
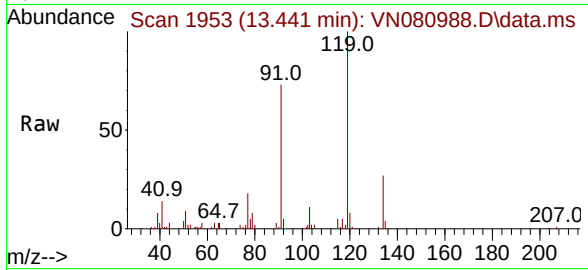
#79
tert-butylbenzene
Concen: 2.401 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

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

Tgt Ion:119 Resp: 41197
Ion Ratio Lower Upper
119 100
91 70.7 0.0 138.8
134 27.2 0.0 48.6

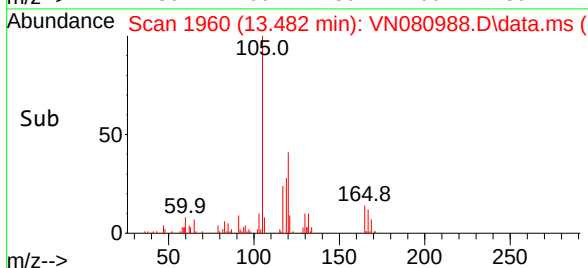
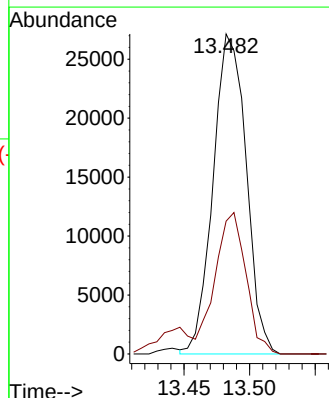
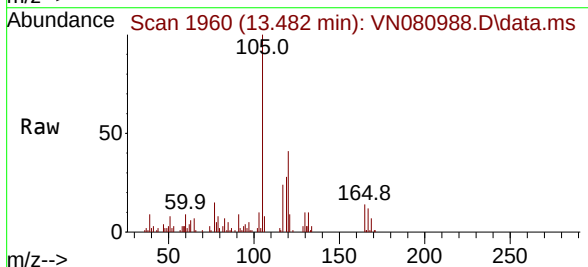
Manual Integrations
APPROVED

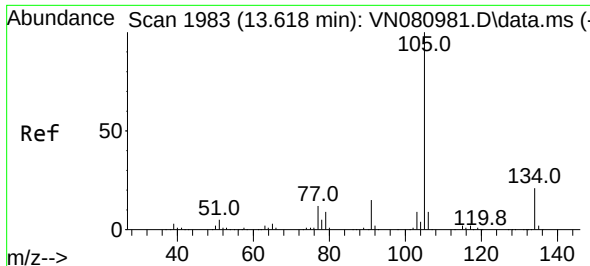
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 2.311 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion:105 Resp: 47595
Ion Ratio Lower Upper
105 100
120 41.2 0.0 86.8





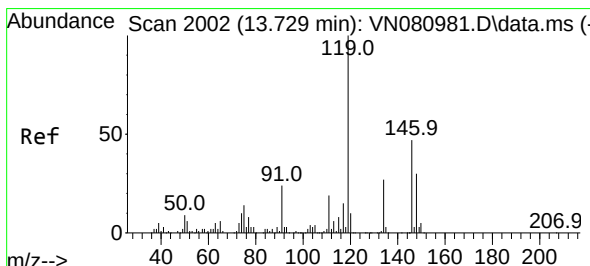
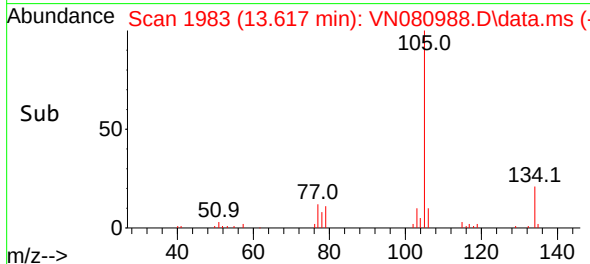
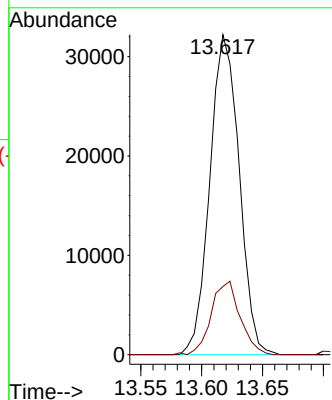
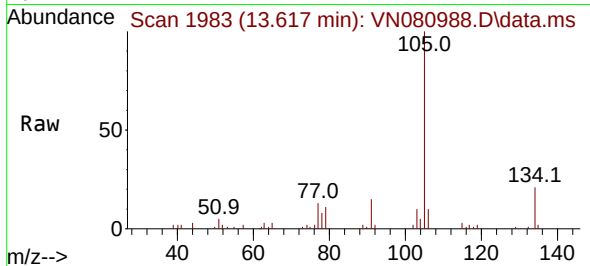
#81
 sec-Butylbenzene
 Concen: 2.250 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080988.D
 Acq: 09 Feb 2024 14:36

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

Tgt Ion:105 Resp: 54074
 Ion Ratio Lower Upper
 105 100
 134 22.4 0.0 39.0

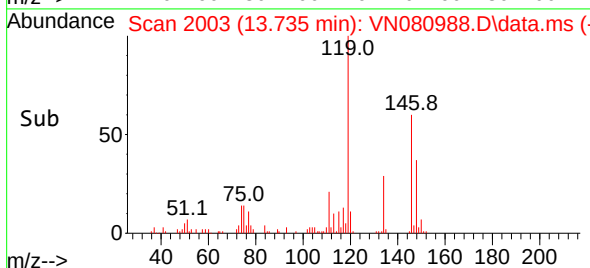
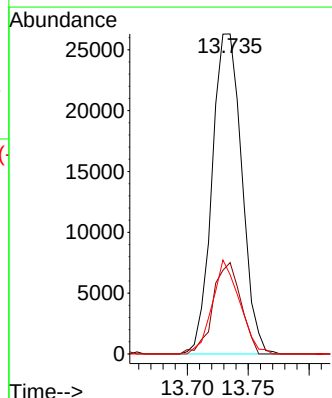
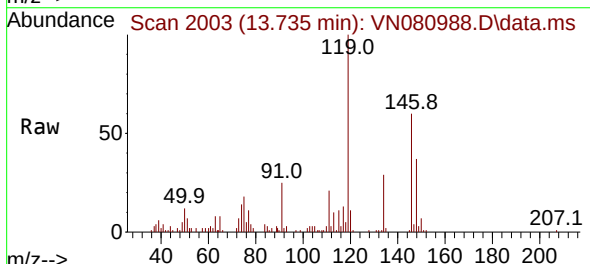
Manual Integrations
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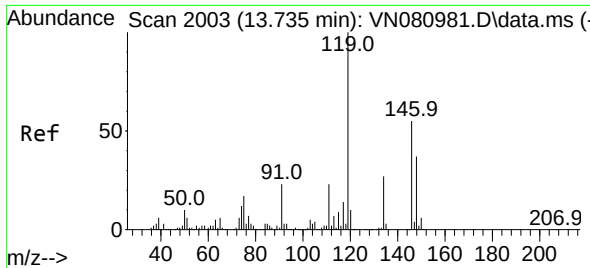
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#82
 p-Isopropyltoluene
 Concen: 2.211 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080988.D
 Acq: 09 Feb 2024 14:36

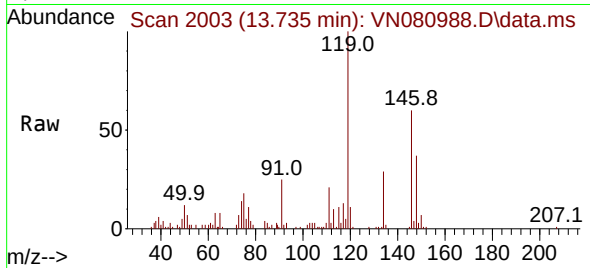
Tgt Ion:119 Resp: 44604
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 49.2
 91 27.0 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 2.380 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

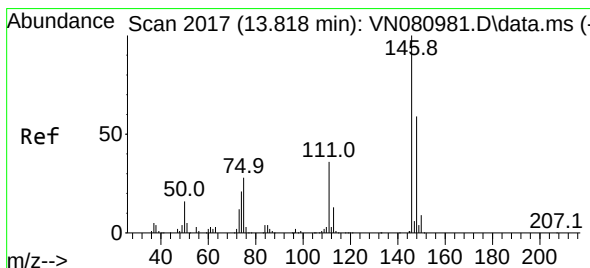
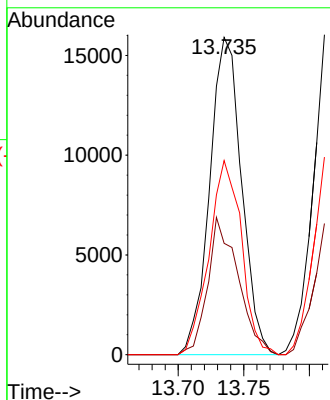
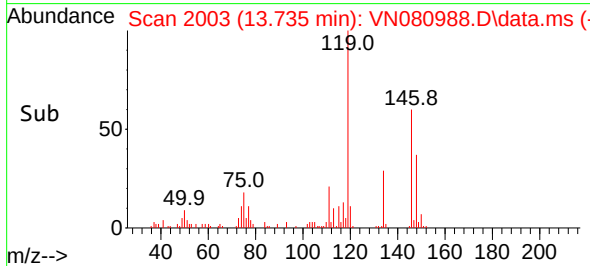
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



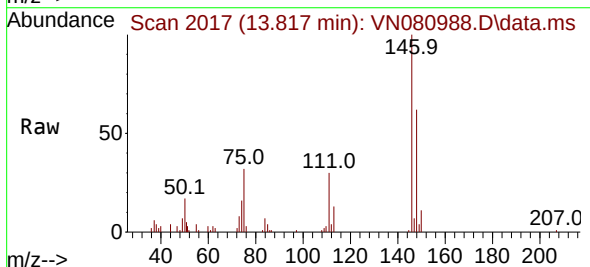
Tgt Ion:146 Resp: 26890
Ion Ratio Lower Upper
146 100
111 41.4 22.4 67.0
148 62.2 32.1 96.5

Manual Integrations
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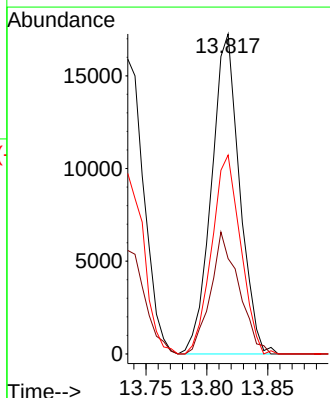
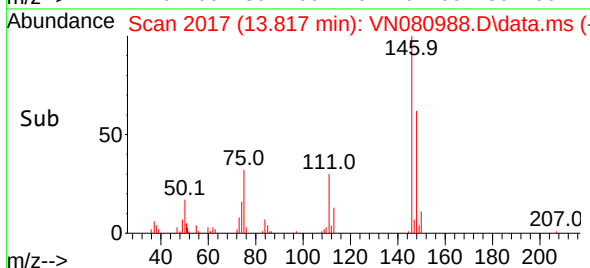
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

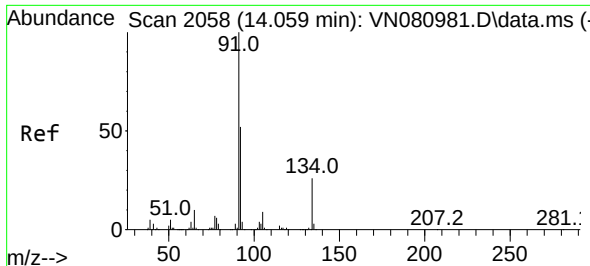


#84
1,4-Dichlorobenzene
Concen: 2.449 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36



Tgt Ion:146 Resp: 27781
Ion Ratio Lower Upper
146 100
111 38.2 21.3 63.9
148 63.4 31.9 95.5





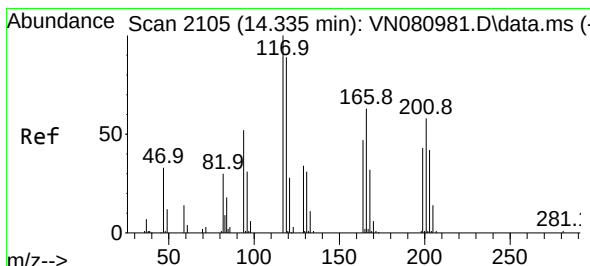
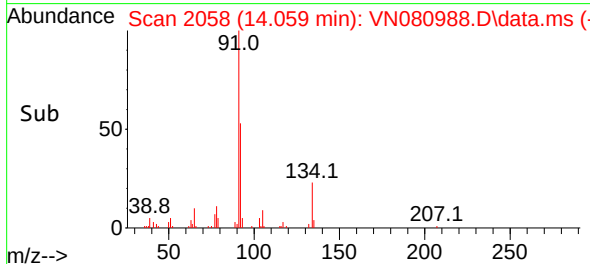
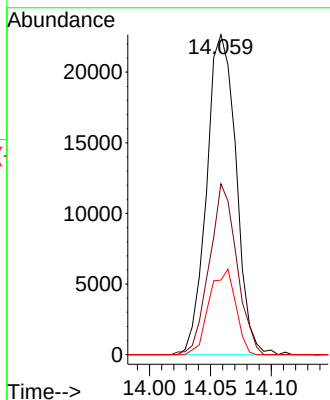
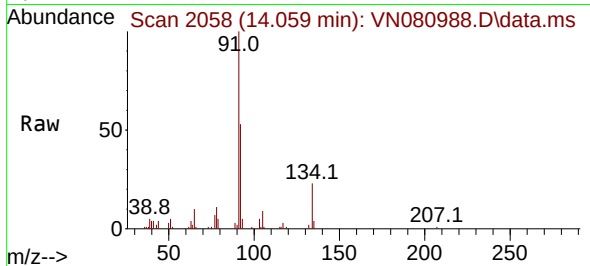
#85
n-Butylbenzene
Concen: 2.289 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

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

Tgt Ion: 91 Resp: 3811
Ion Ratio Lower Upper
91 100
92 49.8 0.0 105.0
134 24.0 0.0 51.8

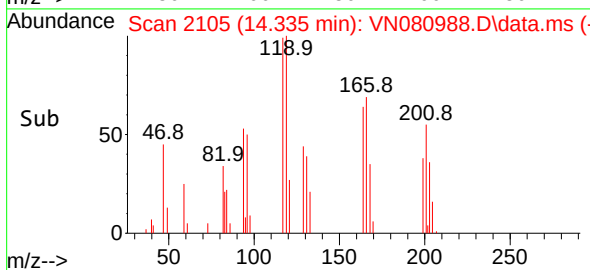
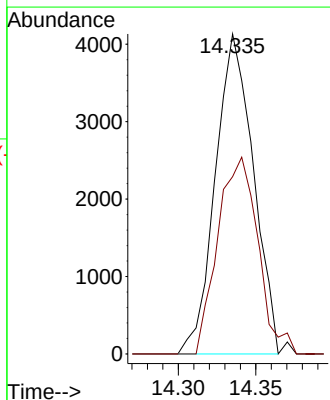
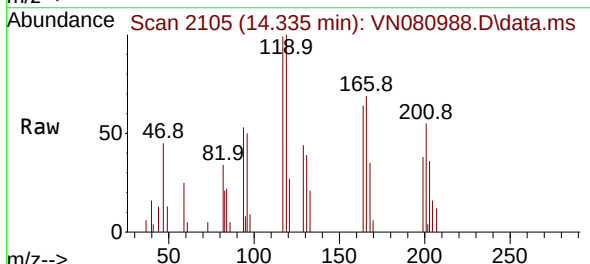
Manual Integrations
APPROVED

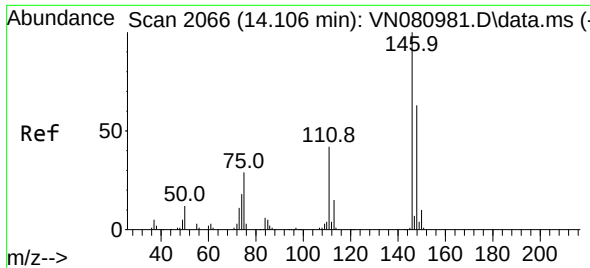
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#86
Hexachloroethane
Concen: 2.208 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion:117 Resp: 7028
Ion Ratio Lower Upper
117 100
201 63.9 38.0 114.0





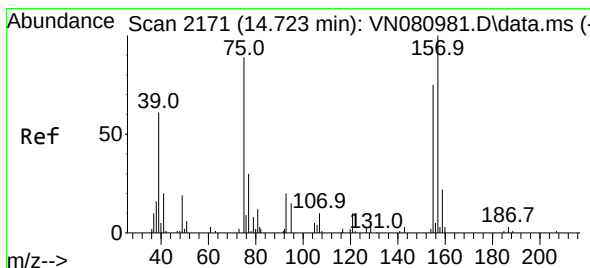
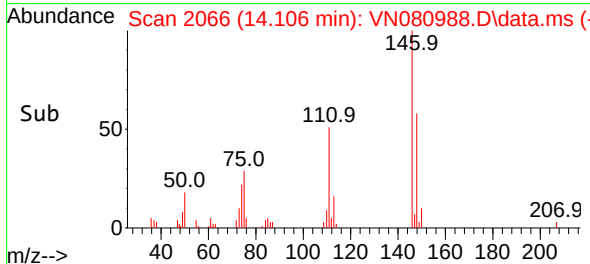
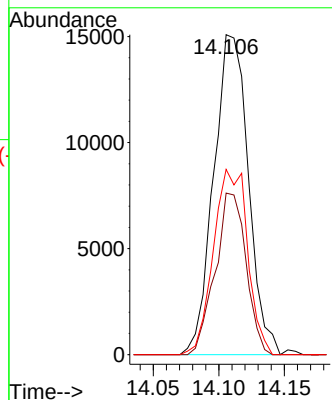
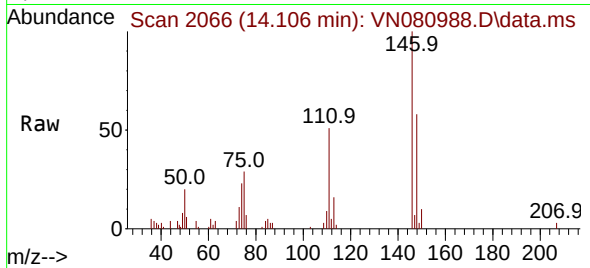
#87
 1,2-Dichlorobenzene
 Concen: 2.521 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN080988.D
 Acq: 09 Feb 2024 14:36

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

Tgt Ion:146 Resp: 2773
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.6 67.8
 148 56.9 31.3 93.8

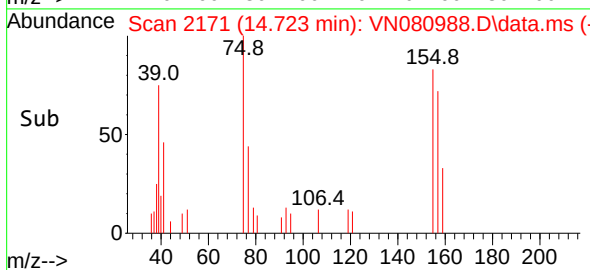
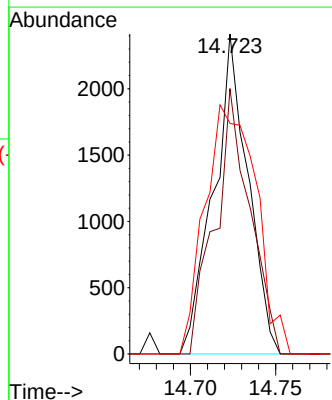
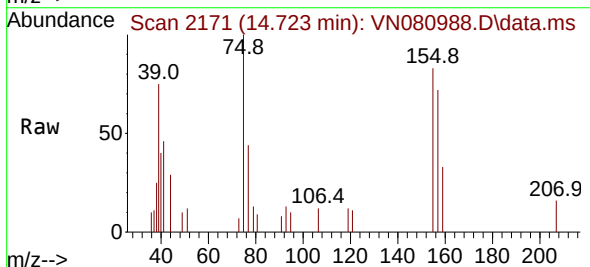
Manual Integrations
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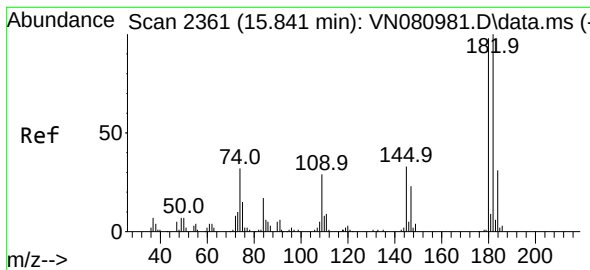
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.407 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN080988.D
 Acq: 09 Feb 2024 14:36

Tgt Ion: 75 Resp: 3385
 Ion Ratio Lower Upper
 75 100
 155 84.0 61.7 92.5
 157 115.5 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 2.340 ug/l

RT: 15.847 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

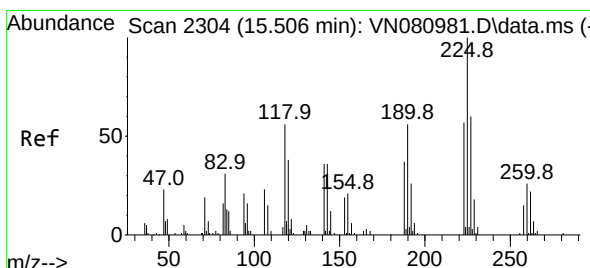
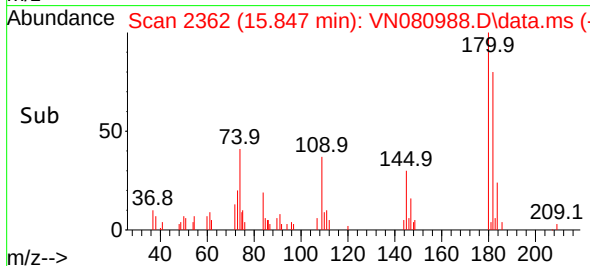
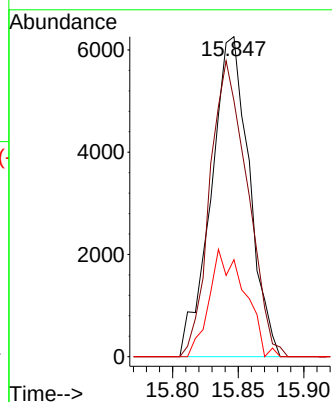
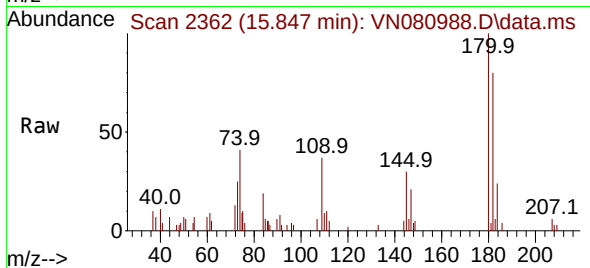
Tgt Ion:180	Resp:	1259	
Ion Ratio	Lower	Upper	
180	100		
182	91.4	76.4	114.6
145	30.8	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#90

Hexachlorobutadiene

Concen: 2.651 ug/l

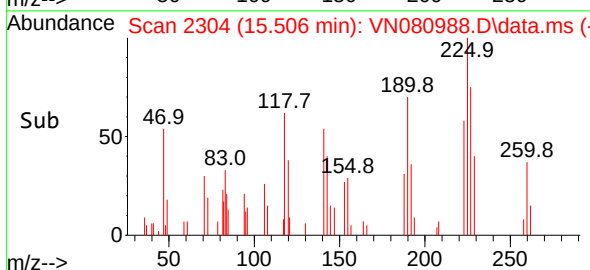
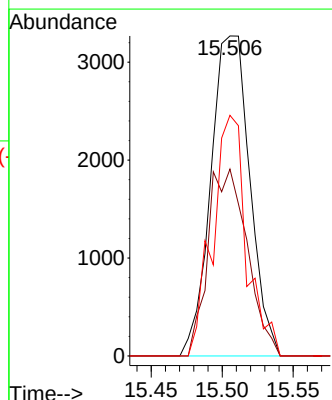
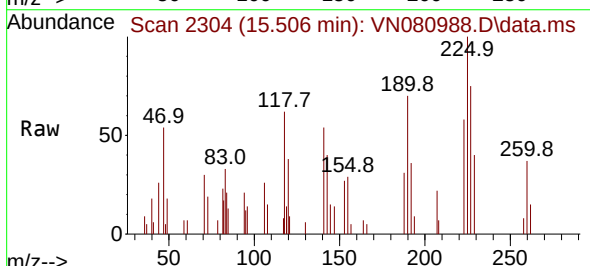
RT: 15.506 min Scan# 2304

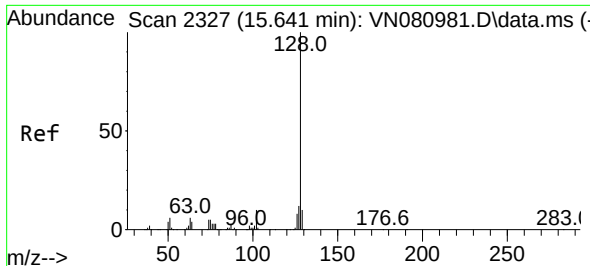
Delta R.T. -0.000 min

Lab File: VN080988.D

Acq: 09 Feb 2024 14:36

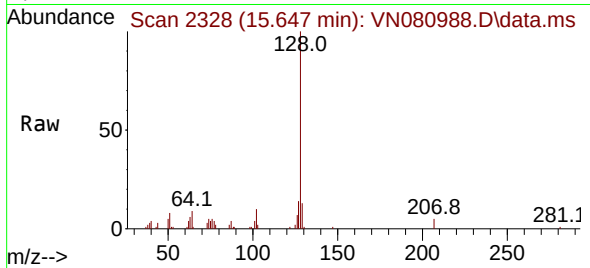
Tgt Ion:225	Resp:	6261	
Ion Ratio	Lower	Upper	
225	100		
223	58.6	0.0	126.6
227	65.2	0.0	126.6





#91
Naphthalene
Concen: 2.219 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

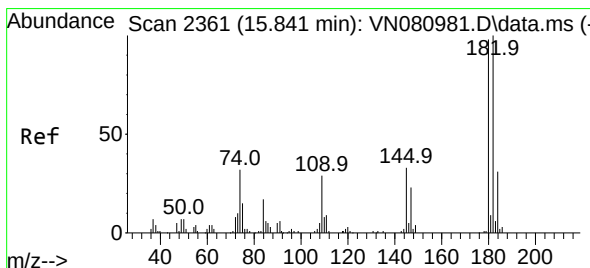
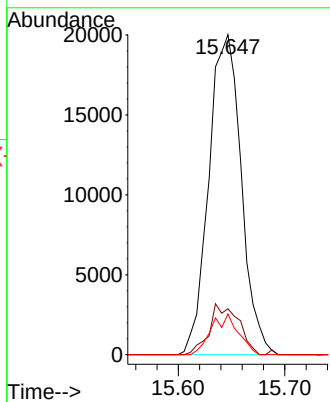
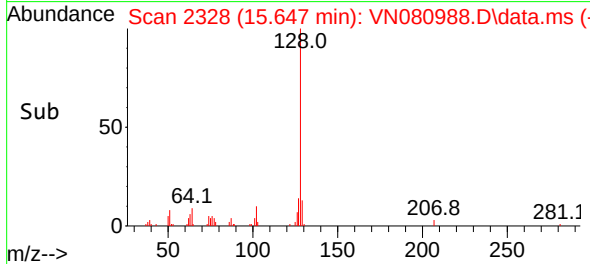
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:128 Resp: 4240
Ion Ratio Lower Upper
128 100
127 14.3 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 2.340 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080988.D
Acq: 09 Feb 2024 14:36

Tgt Ion:180 Resp: 12595
Ion Ratio Lower Upper
180 100
182 91.4 0.0 191.0
145 30.8 0.0 71.0

