

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080824.D
 Acq On : 30 Jan 2024 19:10
 Operator : JC\MD
 Sample : P1187-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Jan 31 03:17:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	102498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	214827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	180713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99340	56.023	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.040%			
35) Dibromofluoromethane	8.171	113	68103	51.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.640%			
50) Toluene-d8	10.570	98	266269	51.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.520%			
62) 4-Bromofluorobenzene	12.847	95	81818	45.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	1374	0.903	ug/l #	44
3) Chloromethane	2.365	50	3373	1.474	ug/l #	62
4) Vinyl Chloride	2.512	62	1590	0.914	ug/l	96
5) Bromomethane	2.959	94	789	1.134	ug/l	92
6) Chloroethane	3.136	64	1393	1.502	ug/l #	42
7) Trichlorofluoromethane	3.500	101	1713	0.761	ug/l #	67
8) Diethyl Ether	3.965	74	476	0.458	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.365	101	787	0.599	ug/l #	66
10) Methyl Iodide	4.606	142	817	0.737	ug/l #	77
11) Tert butyl alcohol	5.512	59	843	2.916	ug/l #	72
12) 1,1-Dichloroethene	4.336	96	871	0.605	ug/l #	1
13) Acrolein	4.177	56	1593m	4.370	ug/l	
14) Allyl chloride	5.018	41	2720	0.956	ug/l #	80
15) Acrylonitrile	5.724	53	3476	3.999	ug/l	98
16) Acetone	4.430	43	3575	5.559	ug/l #	73
17) Carbon Disulfide	4.694	76	3689m	0.824	ug/l	
18) Methyl Acetate	5.036	43	3271m	1.459	ug/l	
19) Methyl tert-butyl Ether	5.788	73	4676m	0.922	ug/l	
20) Methylene Chloride	5.277	84	1994	1.181	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	1201m	0.768	ug/l	
22) Diisopropyl ether	6.683	45	4707	0.750	ug/l #	79
23) Vinyl Acetate	6.606	43	13197	2.907	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	2409	0.757	ug/l #	85
25) 2-Butanone	7.500	43	4786	3.918	ug/l	99
26) 2,2-Dichloropropane	7.477	77	1717	0.668	ug/l #	65
27) cis-1,2-Dichloroethene	7.482	96	1141	0.631	ug/l	96
28) Bromochloromethane	7.818	49	1037	0.616	ug/l #	98
29) Tetrahydrofuran	7.835	42	3274	3.961	ug/l #	59
30) Chloroform	7.959	83	2341	0.792	ug/l #	49
31) Cyclohexane	8.224	56	5987	1.969	ug/l #	55
32) 1,1,1-Trichloroethane	8.159	97	1663m	0.694	ug/l	
36) 1,1-Dichloropropene	8.371	75	1811	0.741	ug/l	98
37) Ethyl Acetate	7.565	43	2075	0.825	ug/l #	89
38) Carbon Tetrachloride	8.335	117	1595m	0.810	ug/l	
39) Methylcyclohexane	9.606	83	1617	0.666	ug/l #	56
40) Benzene	8.606	78	5191	0.723	ug/l #	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080824.D
 Acq On : 30 Jan 2024 19:10
 Operator : JC\MD
 Sample : P1187-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Jan 31 03:17:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	1113	0.751	ug/l #	52
42) 1,2-Dichloroethane	8.671	62	1727	0.738	ug/l #	75
43) Isopropyl Acetate	8.700	43	3522	0.769	ug/l #	88
44) Trichloroethene	9.365	130	1161	0.734	ug/l	96
45) 1,2-Dichloropropane	9.623	63	1611	0.829	ug/l	93
46) Dibromomethane	9.712	93	830	0.721	ug/l #	71
47) Bromodichloromethane	9.888	83	1579	0.675	ug/l #	83
48) Methyl methacrylate	9.682	41	1881	0.847	ug/l	97
49) 1,4-Dioxane	9.706	88	591	22.104	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	8740	3.415	ug/l	92
52) Toluene	10.635	92	3426	0.832	ug/l	83
53) t-1,3-Dichloropropene	10.835	75	1884	0.692	ug/l #	87
54) cis-1,3-Dichloropropene	10.312	75	2361	0.797	ug/l #	74
55) 1,1,2-Trichloroethane	11.018	97	1039	0.657	ug/l #	89
56) Ethyl methacrylate	10.882	69	1269	0.522	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	2311	0.776	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	5431	3.831	ug/l	94
59) 2-Hexanone	11.200	43	6203	3.120	ug/l	92
60) Dibromochloromethane	11.370	129	968m	0.658	ug/l	
61) 1,2-Dibromoethane	11.465	107	1059	0.714	ug/l #	4
64) Tetrachloroethene	11.106	164	761	0.641	ug/l #	71
65) Chlorobenzene	11.900	112	3098	0.785	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.970	131	738	0.575	ug/l #	37
67) Ethyl Benzene	11.970	91	5472	0.746	ug/l #	80
68) m/p-Xylenes	12.082	106	3950	1.517	ug/l	93
69) o-Xylene	12.406	106	1803	0.697	ug/l	80
70) Styrene	12.412	104	2349	0.565	ug/l	94
71) Bromoform	12.576	173	659	0.760	ug/l #	46
73) Isopropylbenzene	12.694	105	4174	0.734	ug/l	89
74) N-amyl acetate	12.500	43	2775	0.786	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	1562	0.780	ug/l #	84
76) 1,2,3-Trichloropropane	13.000	75	1770m	0.945	ug/l	
77) Bromobenzene	12.976	156	846	0.696	ug/l	90
78) n-propylbenzene	13.041	91	5328	0.784	ug/l	94
79) 2-Chlorotoluene	13.123	91	2917	0.675	ug/l	79
80) 1,3,5-Trimethylbenzene	13.176	105	3277	0.723	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.747	75	282m	0.388	ug/l	
82) 4-Chlorotoluene	13.223	91	3064	0.716	ug/l	97
83) tert-Butylbenzene	13.435	119	3274	0.905	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	2814	0.613	ug/l	74
85) sec-Butylbenzene	13.617	105	3092	0.580	ug/l	94
86) p-Isopropyltoluene	13.729	119	2397	0.578	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	1336	0.614	ug/l	91
88) 1,4-Dichlorobenzene	13.806	146	1991m	0.913	ug/l	
89) n-Butylbenzene	14.059	91	3097	0.763	ug/l	85
90) Hexachloroethane	14.335	117	177	0.244	ug/l #	1
91) 1,2-Dichlorobenzene	14.106	146	1496	0.751	ug/l #	65
92) 1,2-Dibromo-3-Chloropr...	14.723	75	328	0.877	ug/l #	47
93) 1,2,4-Trichlorobenzene	15.382	180	644	0.628	ug/l	87
94) Hexachlorobutadiene	15.500	225	305	0.681	ug/l #	59
95) Naphthalene	15.641	128	2484	0.633	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.835	180	516	0.512	ug/l #	30

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
Data File : VN080824.D
Acq On : 30 Jan 2024 19:10
Operator : JC\MD
Sample : P1187-09 0.75PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

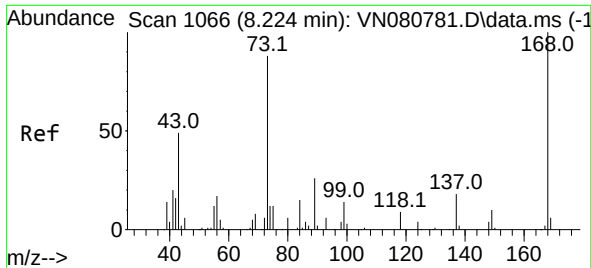
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 03:17:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

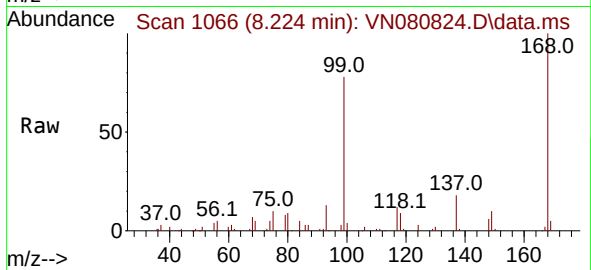
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

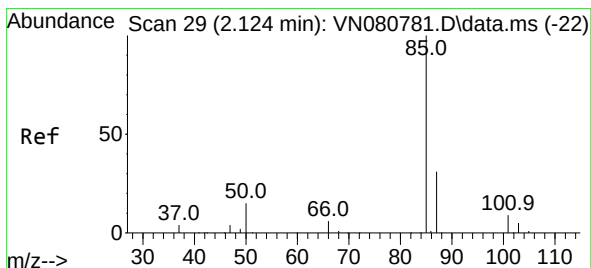
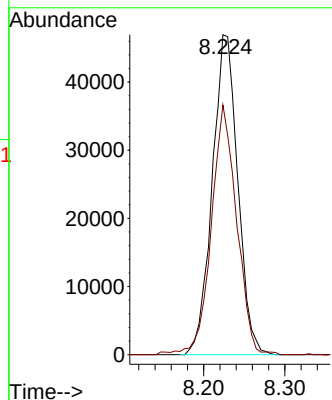
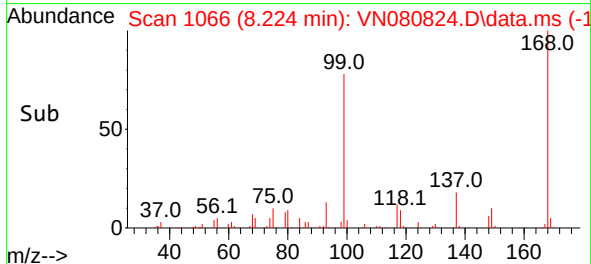
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:168 Resp: 102498
Ion Ratio Lower Upper
168 100
99 78.1 59.9 89.9

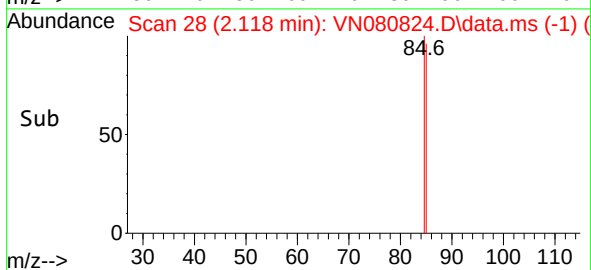
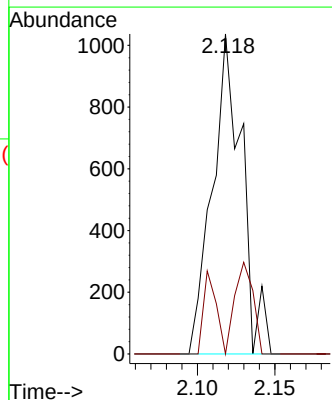
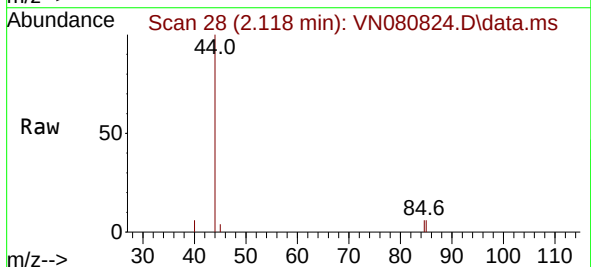
Manual Integrations
APPROVED

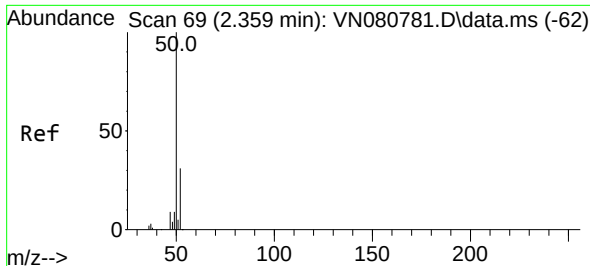
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#2
Dichlorodifluoromethane
Concen: 0.903 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 85 Resp: 1374
Ion Ratio Lower Upper
85 100
87 0.0 15.3 45.9#





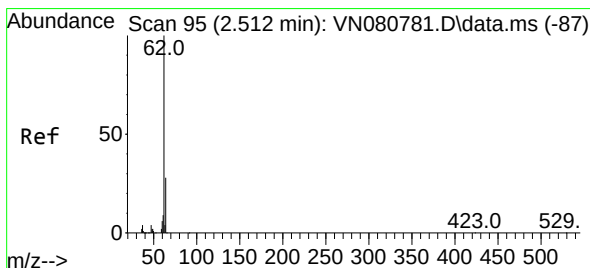
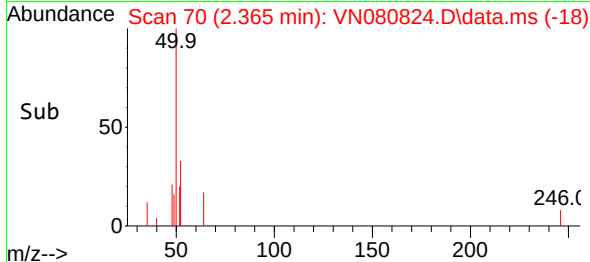
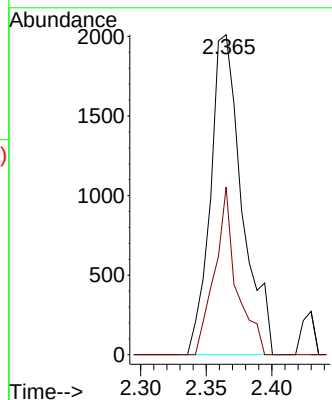
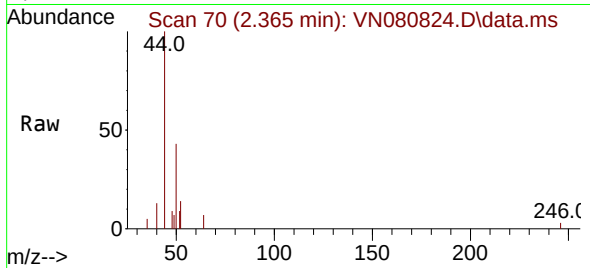
#3
Chloromethane
Concen: 1.474 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 50 Resp: 337
Ion Ratio Lower Upper
50 100
52 52.4 25.0 37.4

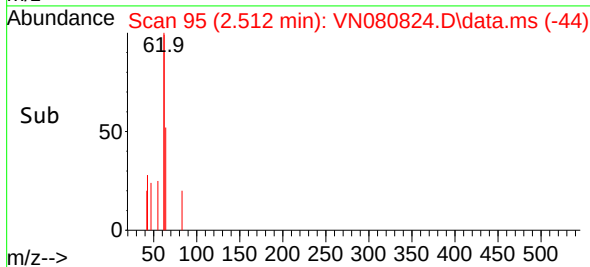
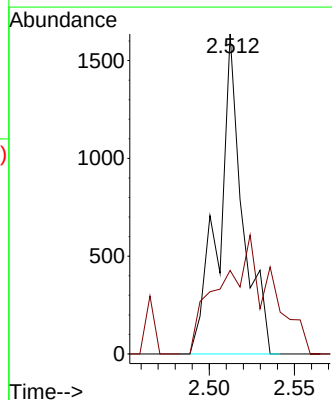
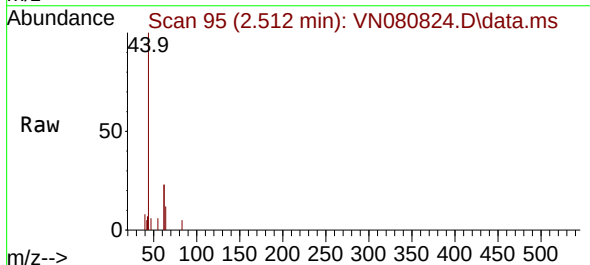
Manual Integrations
APPROVED

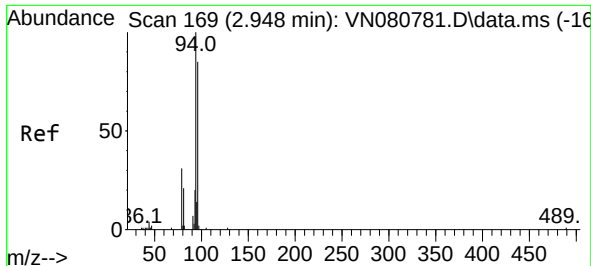
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#4
Vinyl Chloride
Concen: 0.914 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

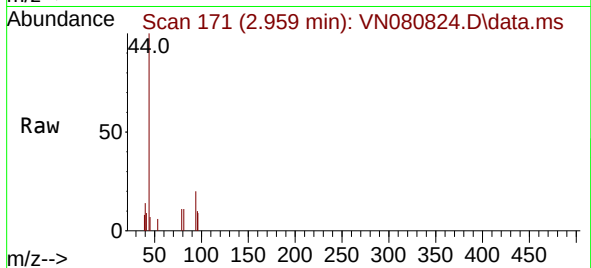
Tgt Ion: 62 Resp: 1590
Ion Ratio Lower Upper
62 100
64 26.1 22.7 34.1





#5
Bromomethane
Concen: 1.134 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

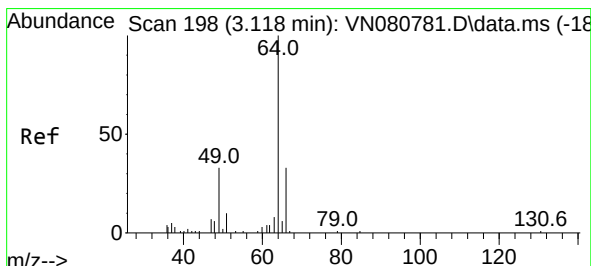
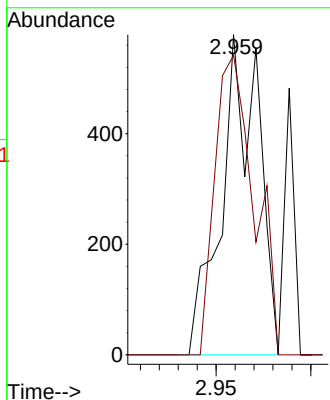
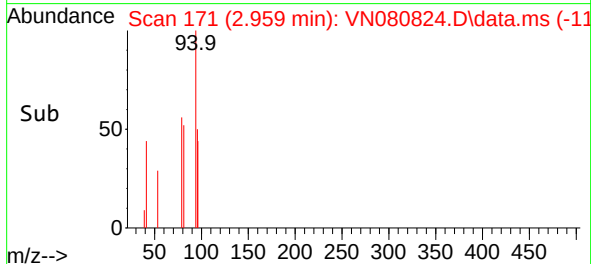
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 94 Resp: 789
Ion Ratio Lower Upper
94 100
96 93.6 69.2 103.8

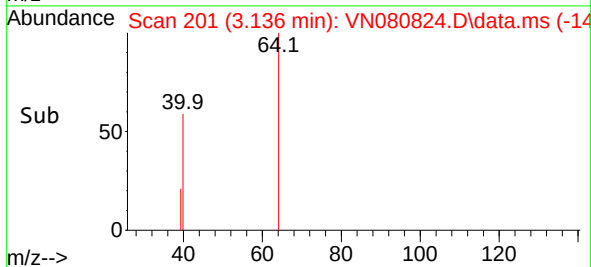
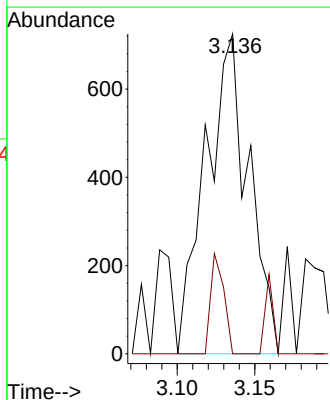
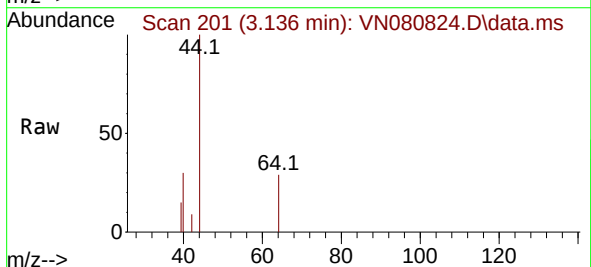
Manual Integrations
APPROVED

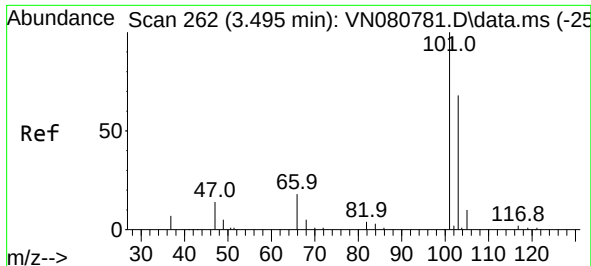
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#6
Chloroethane
Concen: 1.502 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

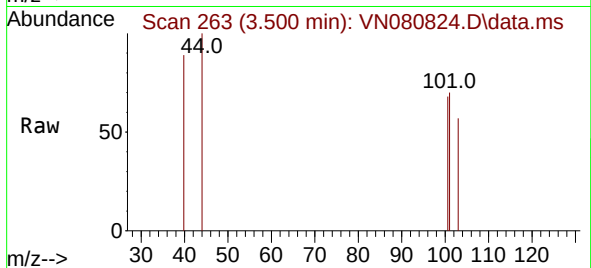
Tgt Ion: 64 Resp: 1393
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#





#7
Trichlorofluoromethane
Concen: 0.761 ug/l
RT: 3.500 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

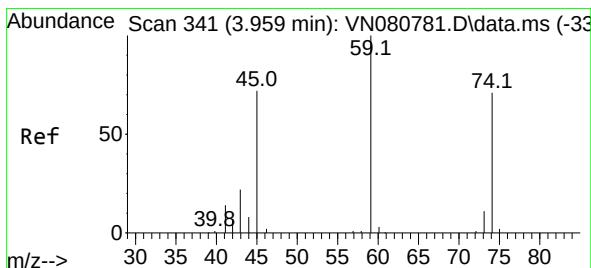
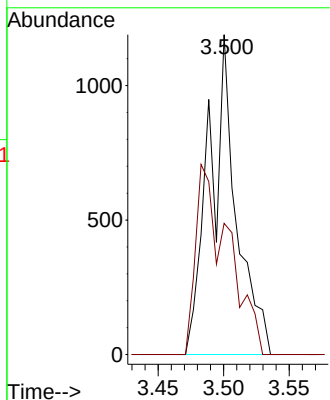
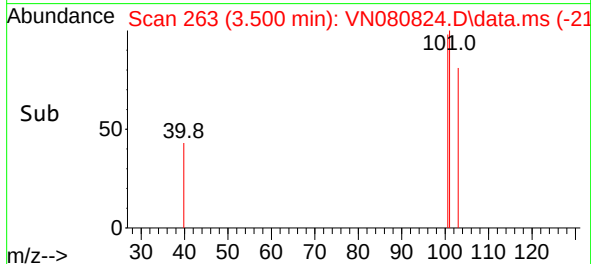
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 101 Resp: 171
Ion Ratio Lower Upper
101 100
103 41.0 54.4 81.6

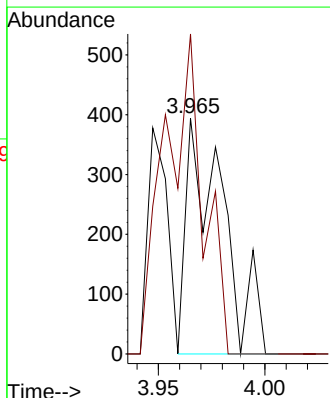
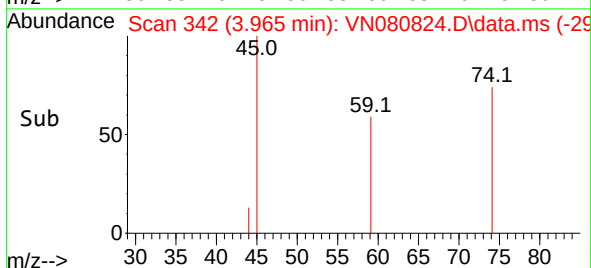
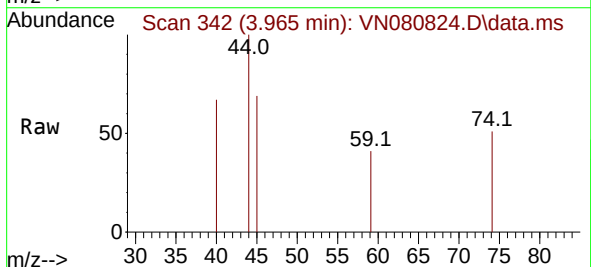
Manual Integrations
APPROVED

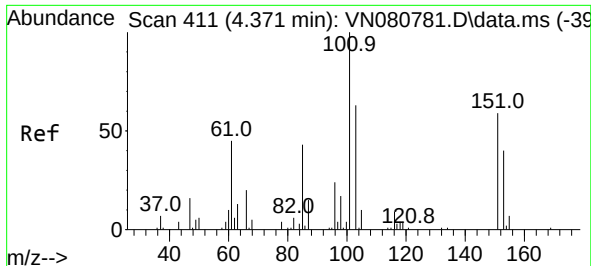
Reviewed By : John Carlone 01/31/2024
Supervised By : Semsettin Yesilyurt 01/31/2024



#8
Diethyl Ether
Concen: 0.458 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 74 Resp: 476
Ion Ratio Lower Upper
74 100
45 140.1 53.3 159.9





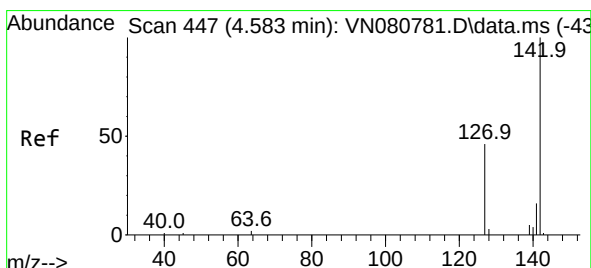
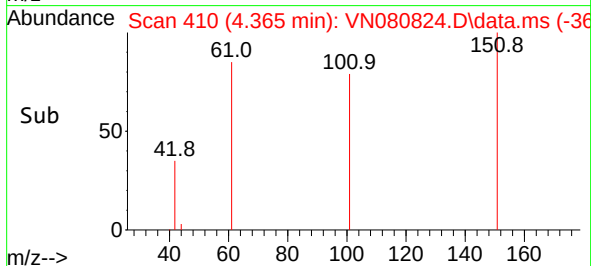
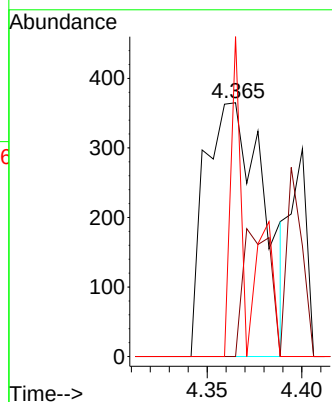
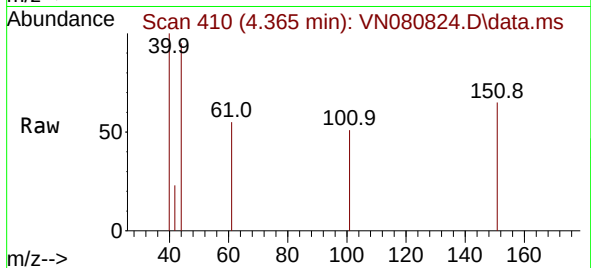
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.599 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:101 Resp: 78
Ion Ratio Lower Upper
101 100
85 23.1 38.1 57.1
151 36.6 49.1 73.7

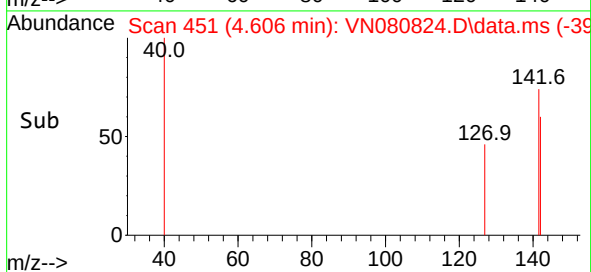
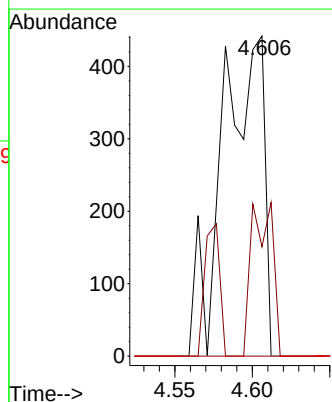
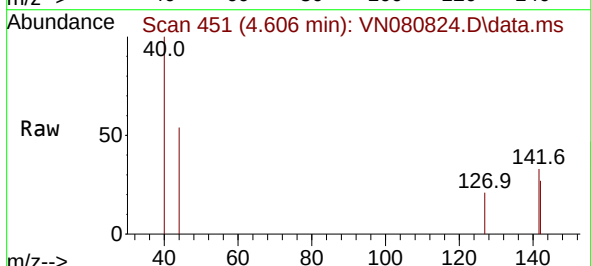
Manual Integrations
APPROVED

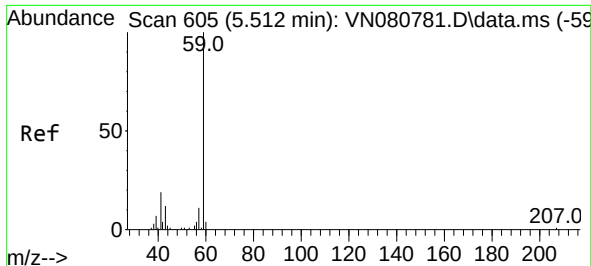
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#10
Methyl Iodide
Concen: 0.737 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.023 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

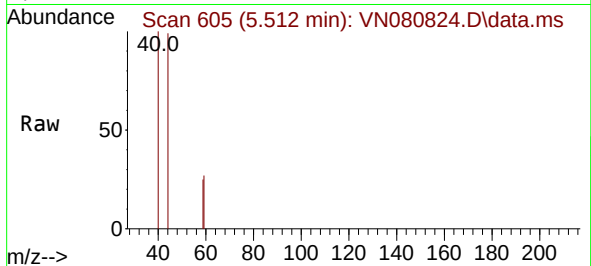
Tgt Ion:142 Resp: 817
Ion Ratio Lower Upper
142 100
127 34.2 37.0 55.4#
141 0.0 12.5 18.7#





#11
Tert butyl alcohol
Concen: 2.916 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

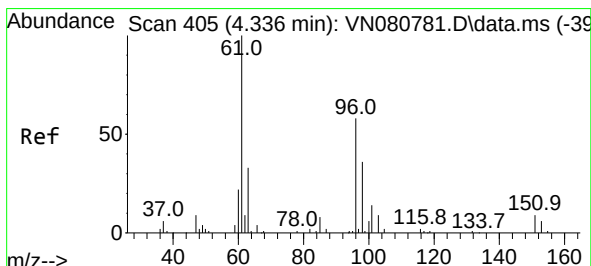
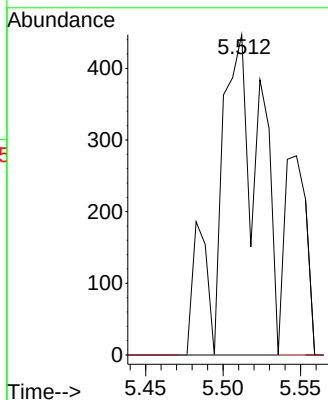
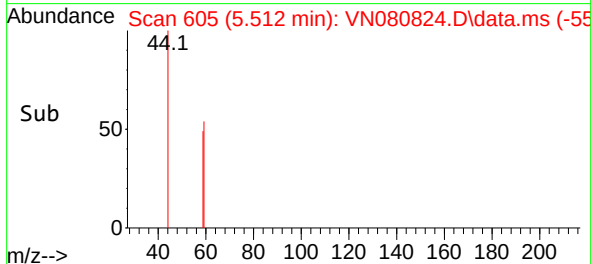
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



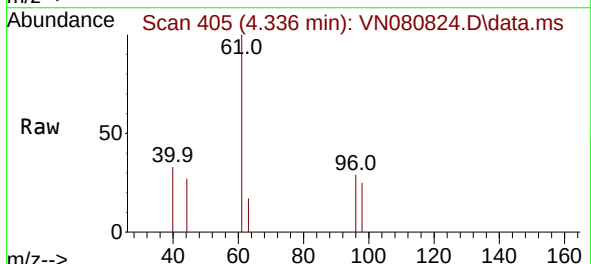
Tgt Ion: 59 Resp: 843
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

Manual Integrations
APPROVED

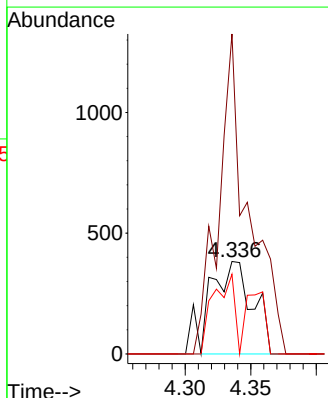
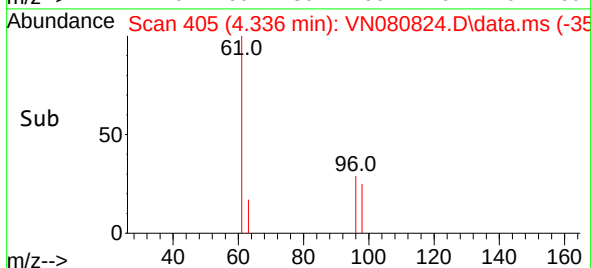
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

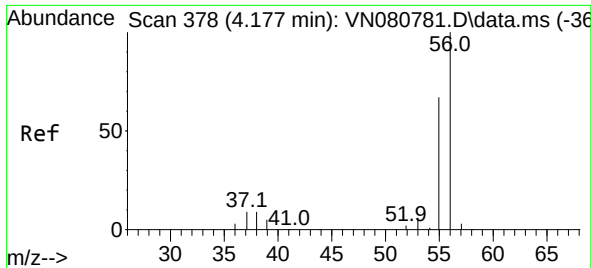


#12
1,1-Dichloroethene
Concen: 0.605 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10



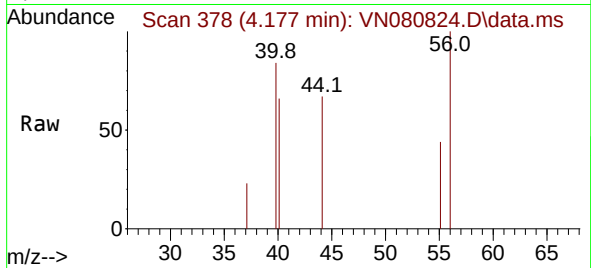
Tgt Ion: 96 Resp: 871
Ion Ratio Lower Upper
96 100
61 346.0 138.2 207.4#
98 86.2 49.2 73.8#





#13
Acrolein
Concen: 4.370 ug/l m
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

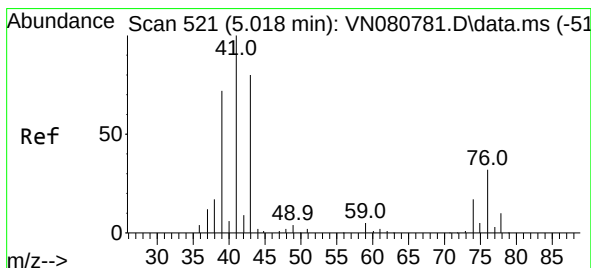
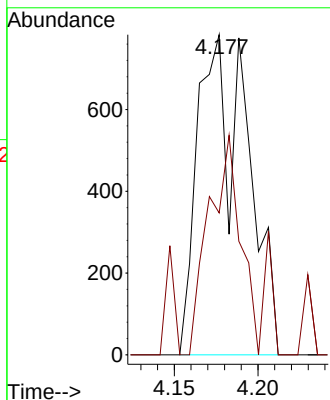
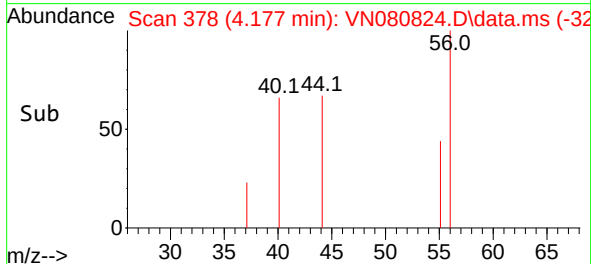
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 44.3 55.3 82.9

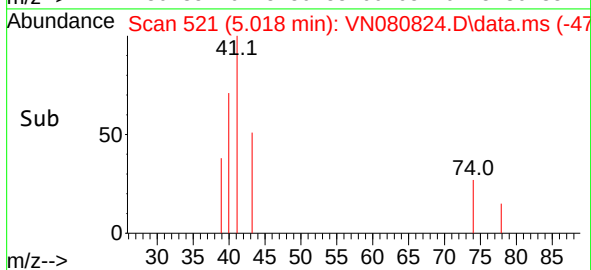
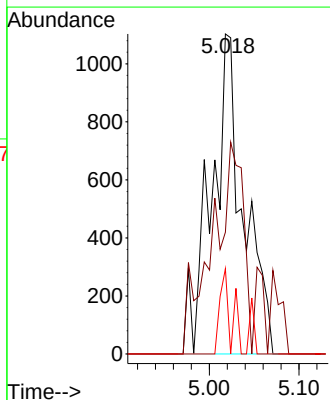
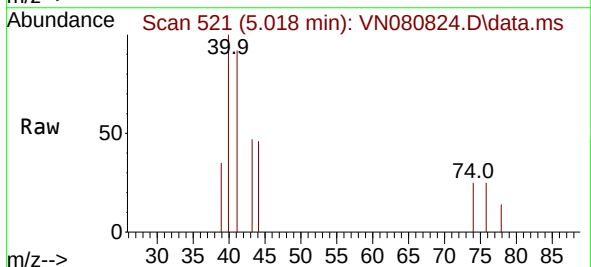
Manual Integrations
APPROVED

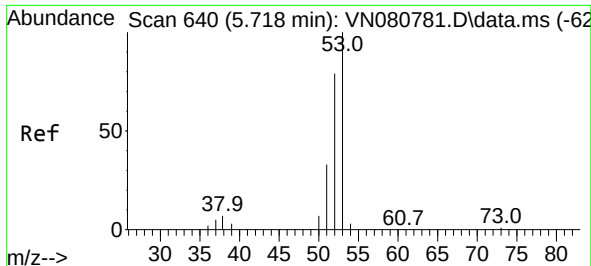
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#14
Allyl chloride
Concen: 0.956 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

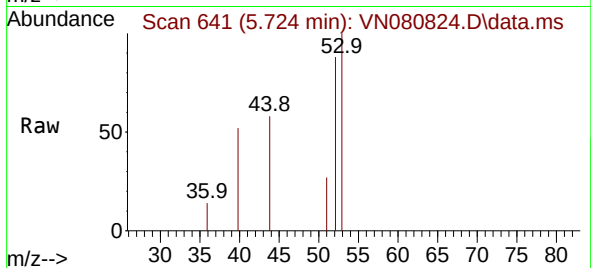
Tgt Ion: 41 Resp: 2720
Ion Ratio Lower Upper
41 100
39 64.7 57.7 86.5
76 9.3 26.8 40.2





#15
Acrylonitrile
Concen: 3.999 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

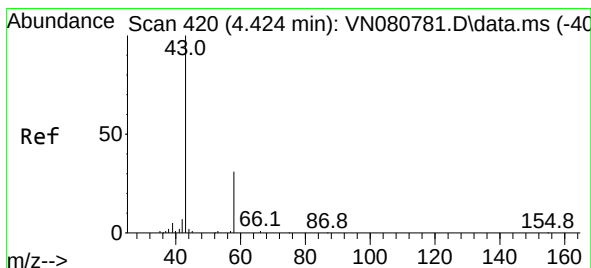
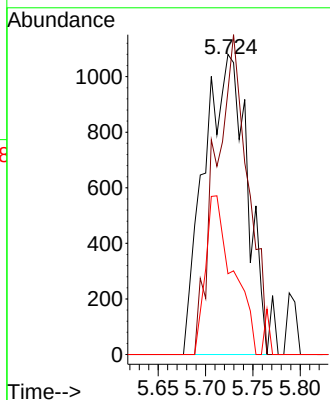
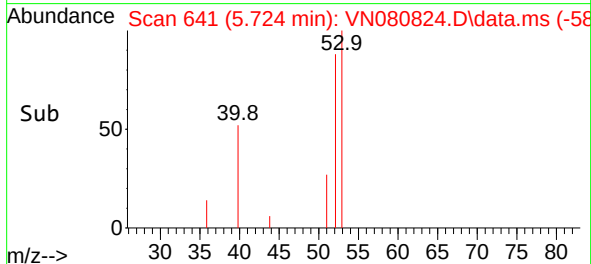
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 53 Resp: 3470
Ion Ratio Lower Upper
53 100
52 78.5 64.8 97.2
51 33.2 26.9 40.3

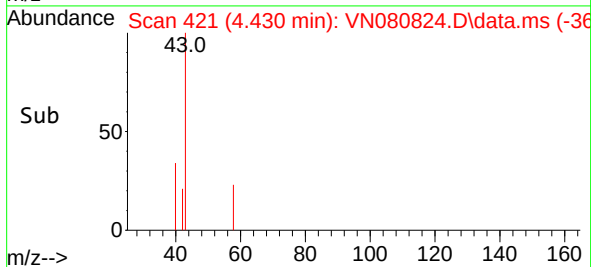
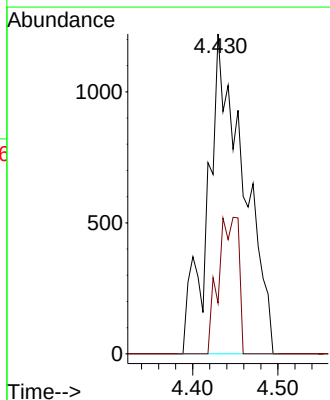
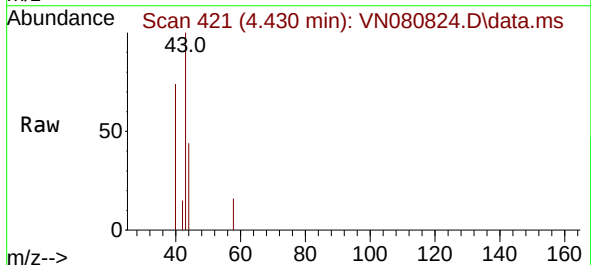
Manual Integrations
APPROVED

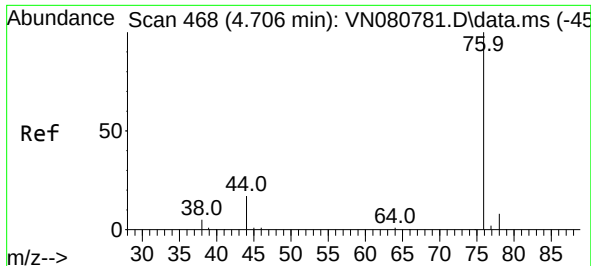
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#16
Acetone
Concen: 5.559 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

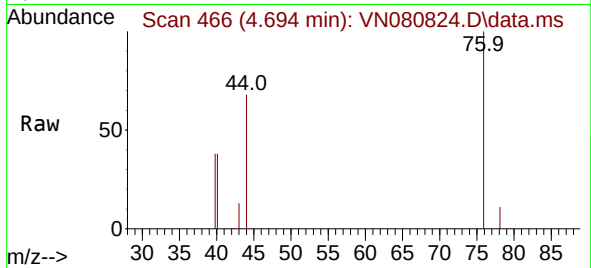
Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
58 15.9 24.8 37.2#





#17
Carbon Disulfide
Concen: 0.824 ug/l m
RT: 4.694 min Scan# 466
Delta R.T. -0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

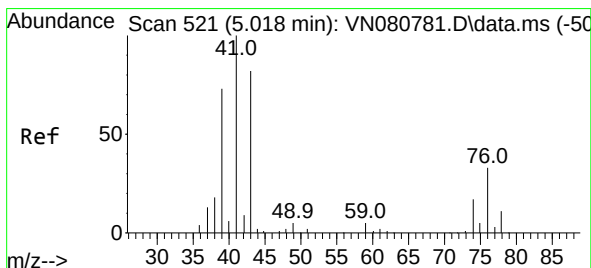
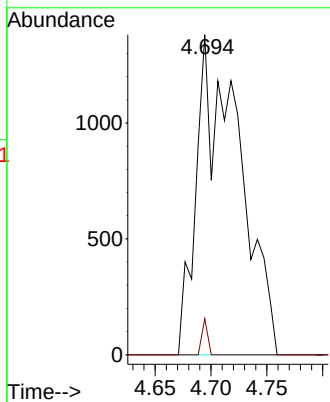
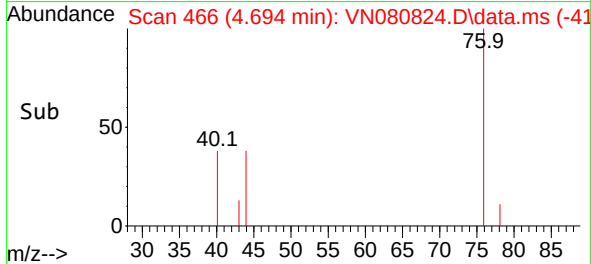
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 76 Resp: 3689
Ion Ratio Lower Upper
76 100
78 11.3 6.3 9.5

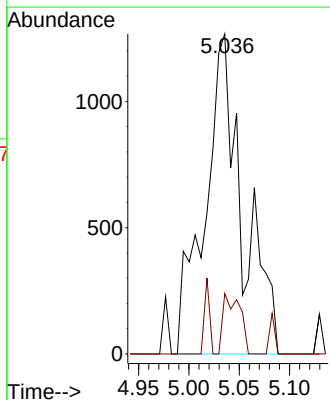
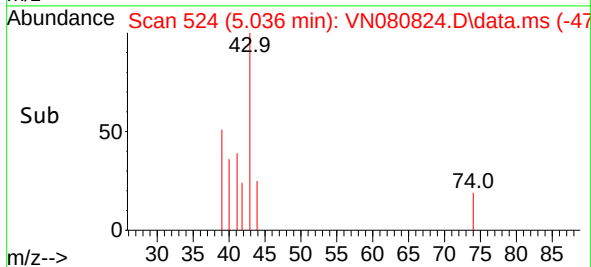
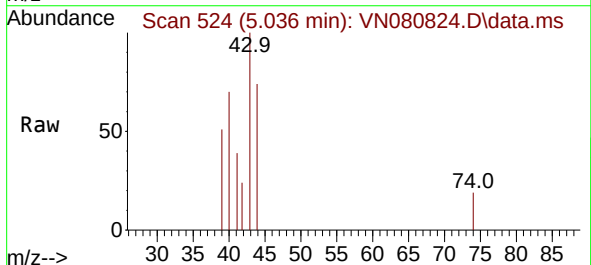
Manual Integrations
APPROVED

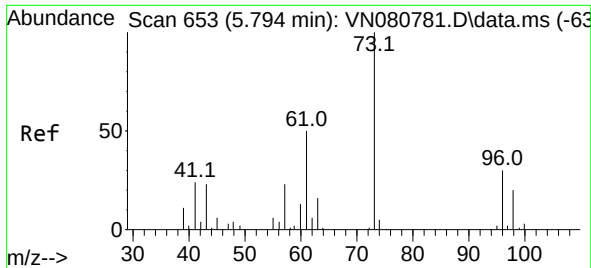
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#18
Methyl Acetate
Concen: 1.459 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

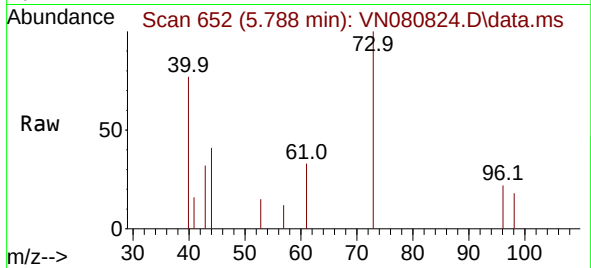
Tgt Ion: 43 Resp: 3271
Ion Ratio Lower Upper
43 100
74 8.6 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 0.922 ug/l m
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

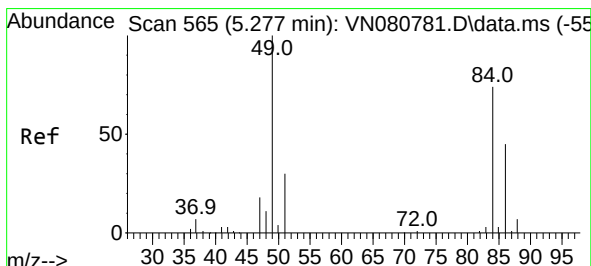
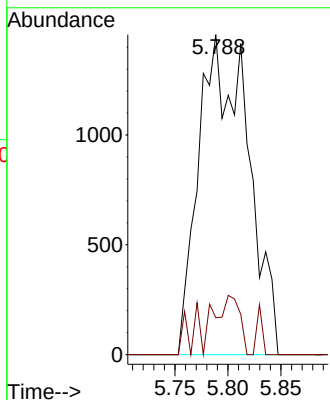
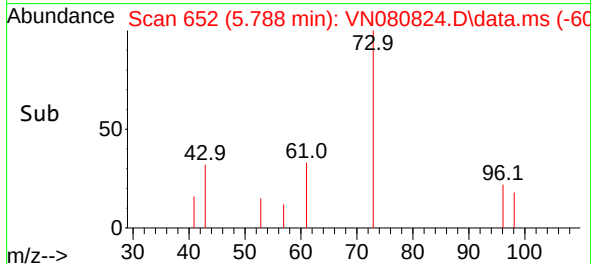
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 73 Resp: 4670
Ion Ratio Lower Upper
73 100
57 11.5 18.2 27.4

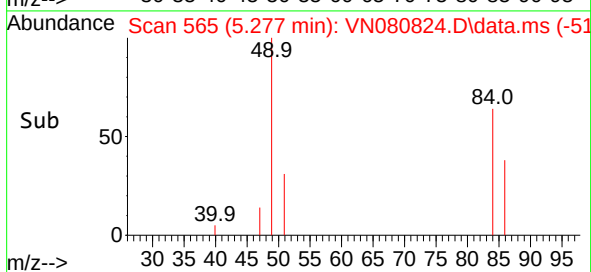
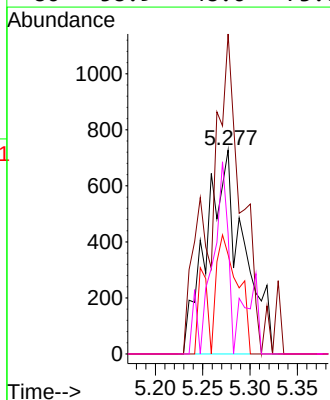
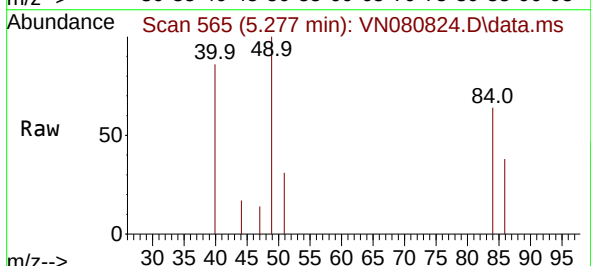
Manual Integrations
APPROVED

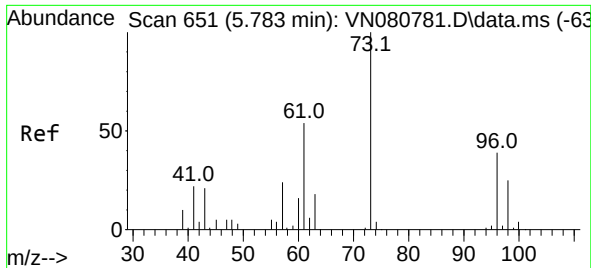
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#20
Methylene Chloride
Concen: 1.181 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

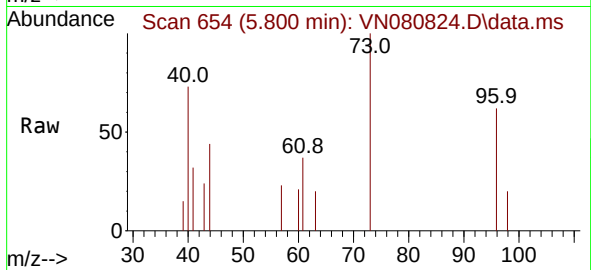
Tgt Ion: 84 Resp: 1994
Ion Ratio Lower Upper
84 100
49 156.9 108.1 162.1
51 48.8 32.9 49.3
86 58.9 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 0.768 ug/l m
RT: 5.800 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

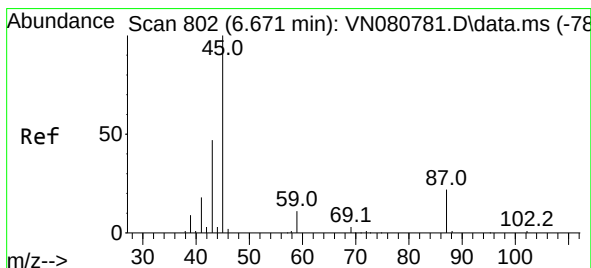
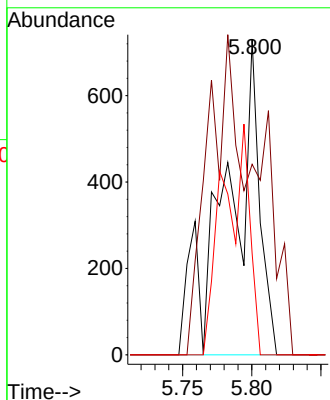
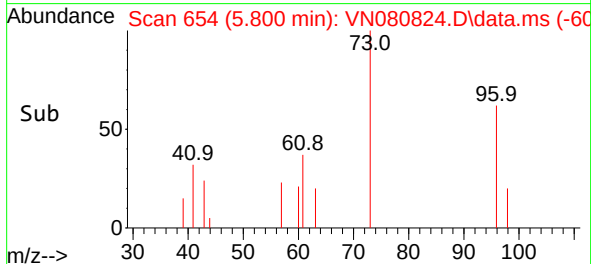
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 96 Resp: 120
Ion Ratio Lower Upper
96 100
61 60.4 112.8 169.2
98 32.2 51.0 76.4

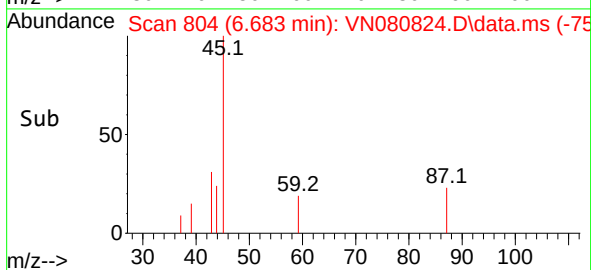
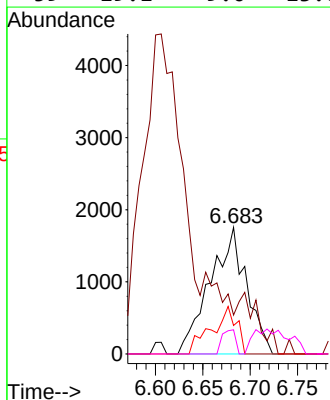
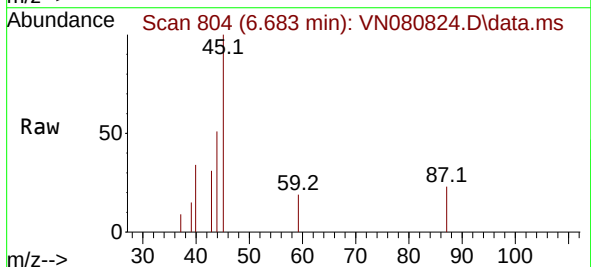
Manual Integrations
APPROVED

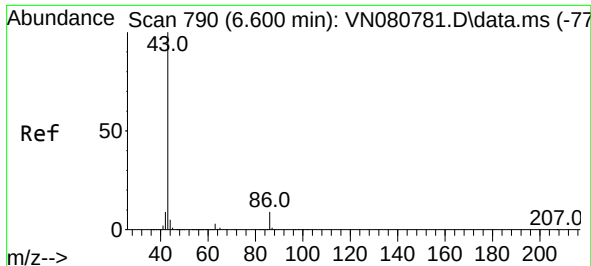
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#22
Diisopropyl ether
Concen: 0.750 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

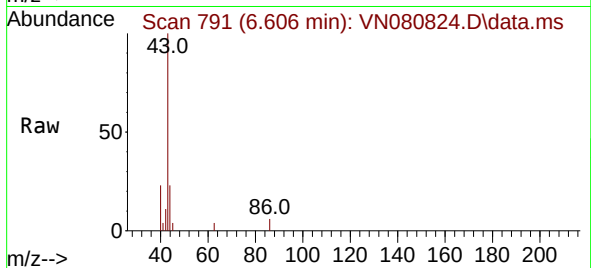
Tgt Ion: 45 Resp: 4707
Ion Ratio Lower Upper
45 100
43 30.8 41.8 62.8#
87 22.6 18.1 27.1
59 19.1 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 2.907 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

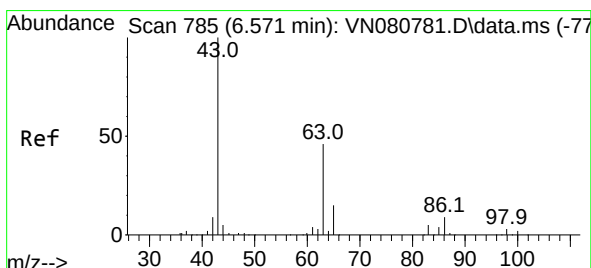
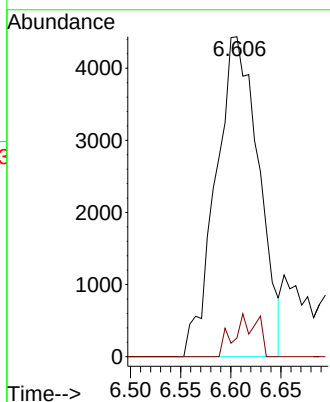
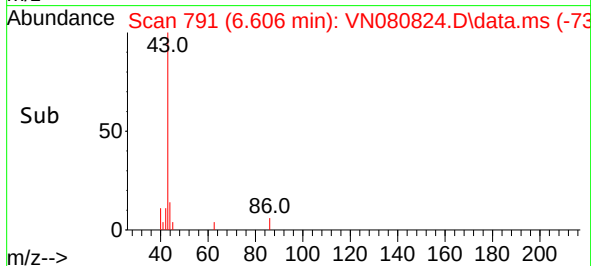
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024



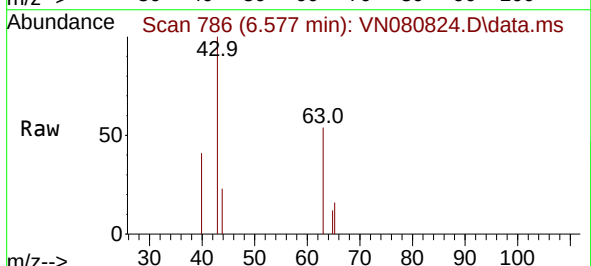
Tgt Ion: 43 Resp: 1319
 Ion Ratio Lower Upper
 43 100
 86 5.8 7.1 10.7

Manual Integrations
 APPROVED

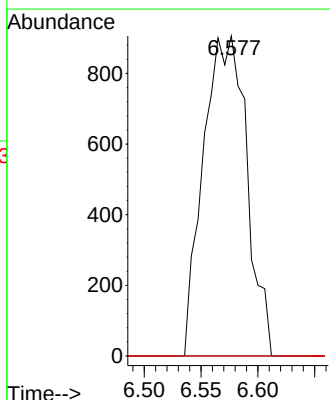
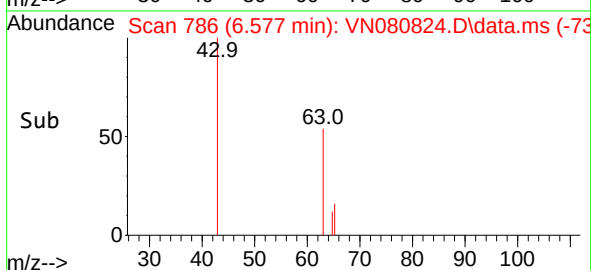
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

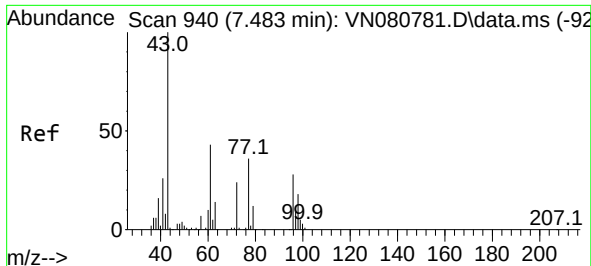


#24
 1,1-Dichloroethane
 Concen: 0.757 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10



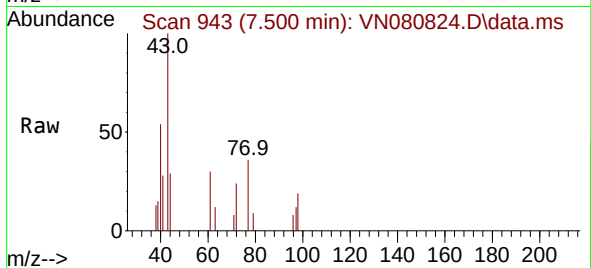
Tgt Ion: 63 Resp: 2409
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.6#
 100 0.0 1.9 5.7#





#25
2-Butanone
Concen: 3.918 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

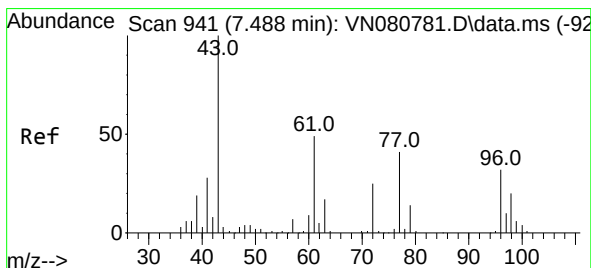
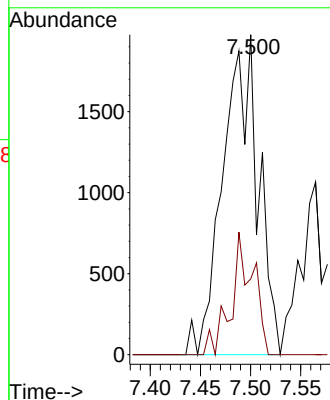
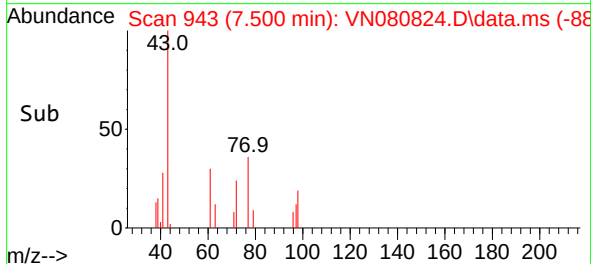
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 4780
Ion Ratio Lower Upper
43 100
72 23.7 19.5 29.3

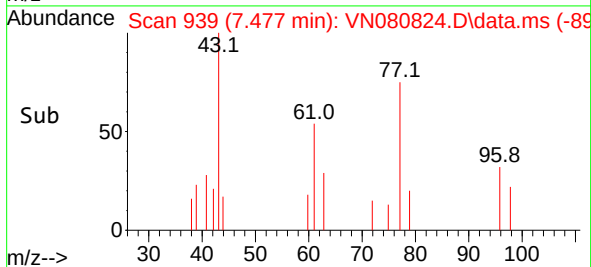
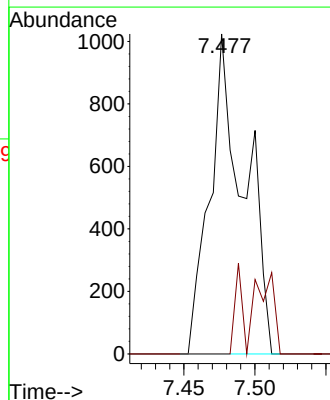
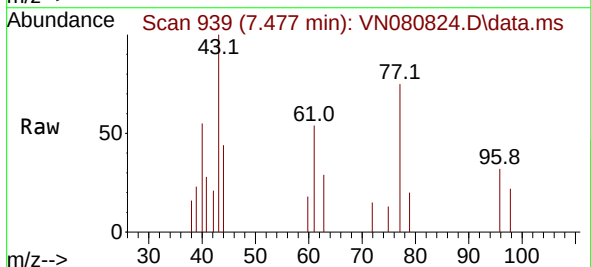
Manual Integrations
APPROVED

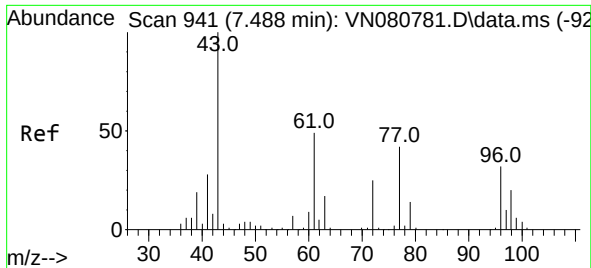
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#26
2,2-Dichloropropane
Concen: 0.668 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

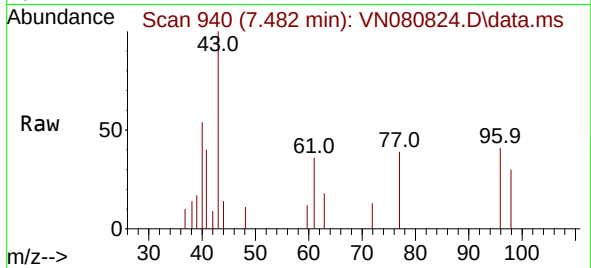
Tgt Ion: 77 Resp: 1717
Ion Ratio Lower Upper
77 100
97 5.9 11.5 34.5#





#27
 cis-1,2-Dichloroethene
 Concen: 0.631 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

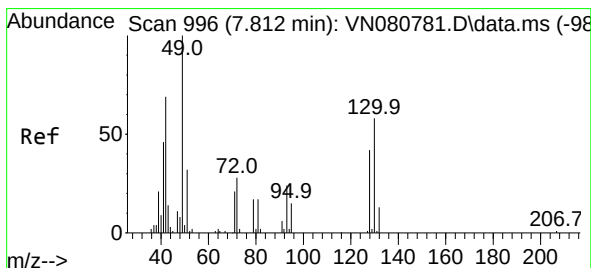
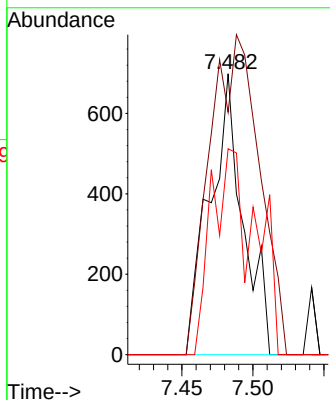
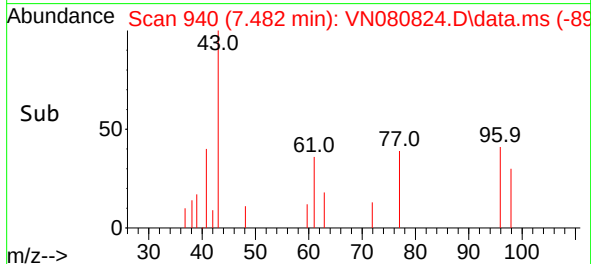
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024



Tgt Ion: 96 Resp: 114
 Ion Ratio Lower Upper
 96 100
 61 170.4 0.0 325.4
 98 65.5 0.0 130.4

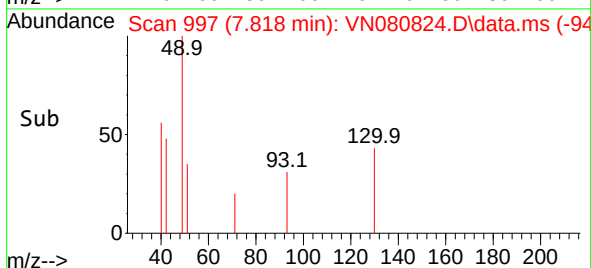
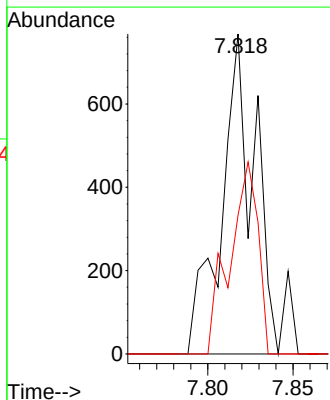
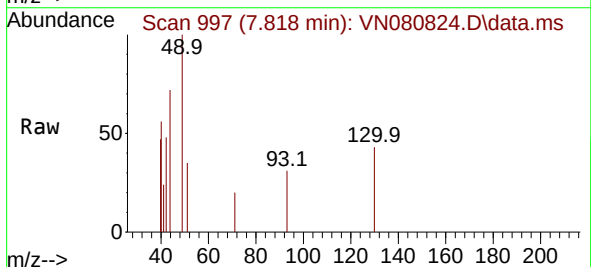
Manual Integrations
 APPROVED

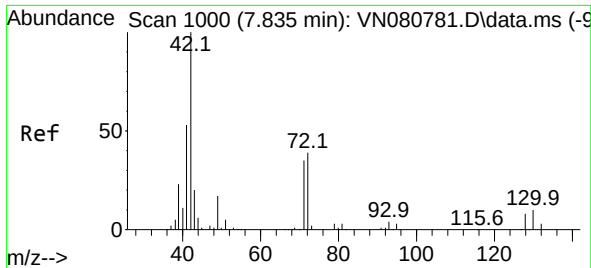
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024



#28
 Bromochloromethane
 Concen: 0.616 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

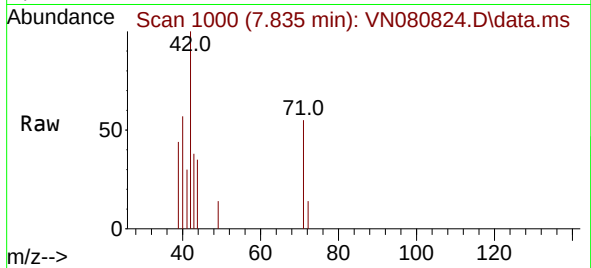
Tgt Ion: 49 Resp: 1037
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.6
 130 51.4 42.3 63.5





#29
Tetrahydrofuran
Concen: 3.961 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

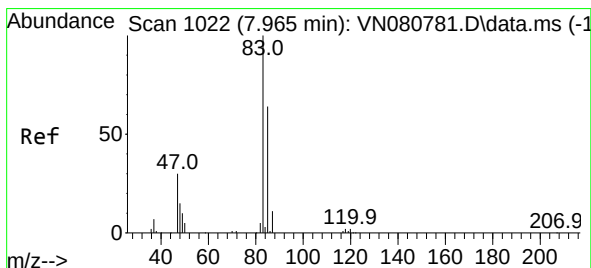
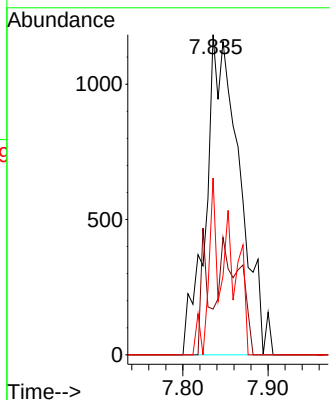
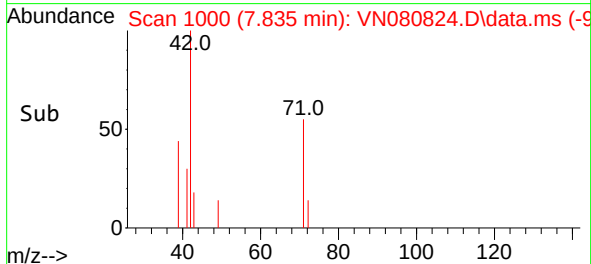
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 42 Resp: 3274
Ion Ratio Lower Upper
42 100
72 8.8 31.1 46.7
71 16.6 28.3 42.5

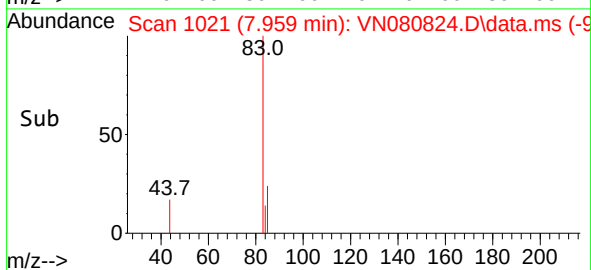
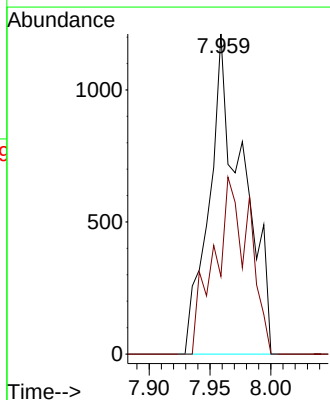
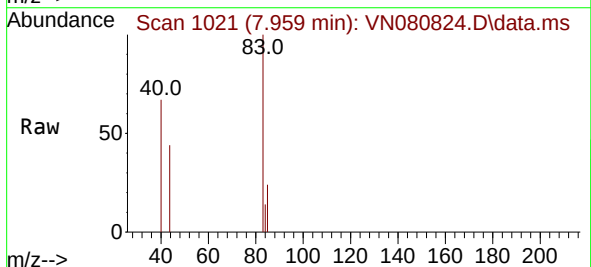
Manual Integrations
APPROVED

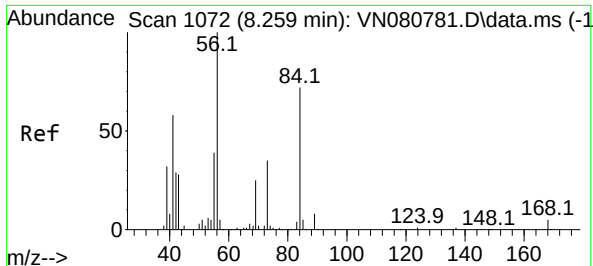
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#30
Chloroform
Concen: 0.792 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

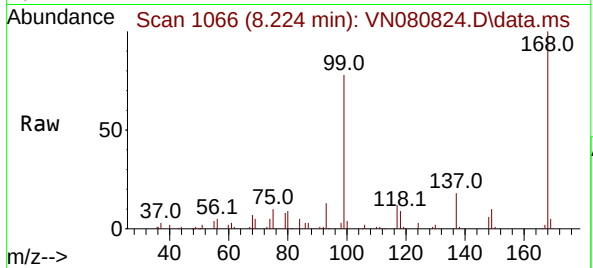
Tgt Ion: 83 Resp: 2341
Ion Ratio Lower Upper
83 100
85 24.3 51.0 76.6





#31
Cyclohexane
Concen: 1.969 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

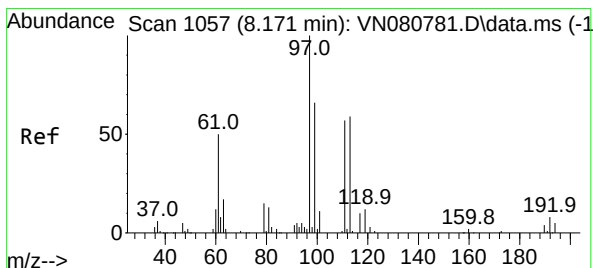
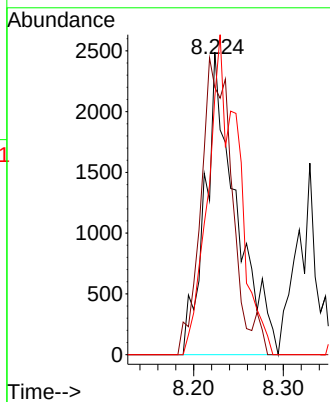
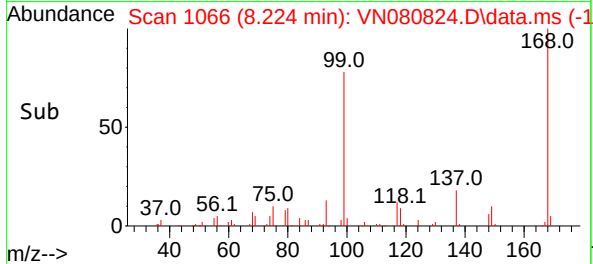
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



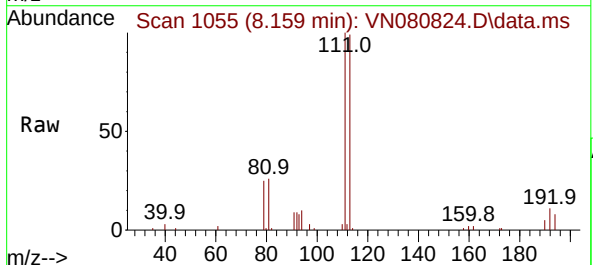
Tgt Ion: 56 Resp: 598
Ion Ratio Lower Upper
56 100
69 88.3 20.1 30.1
84 85.2 56.9 85.3

Manual Integrations
APPROVED

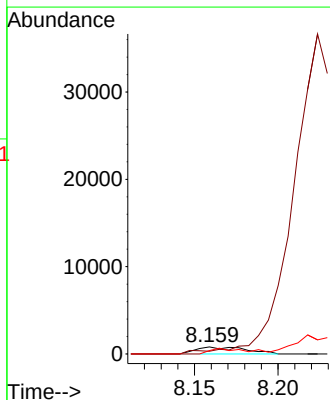
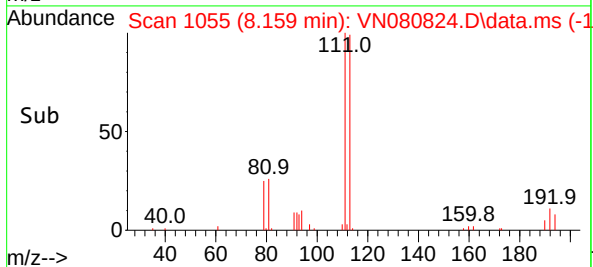
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

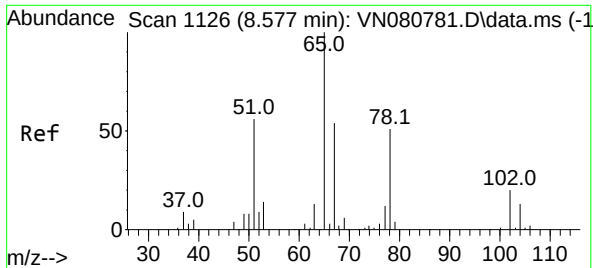


#32
1,1,1-Trichloroethane
Concen: 0.694 ug/l m
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10



Tgt Ion: 97 Resp: 1663
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0#
61 47.1 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 56.023 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 65 Resp: 99340

Ion Ratio Lower Upper

65 100

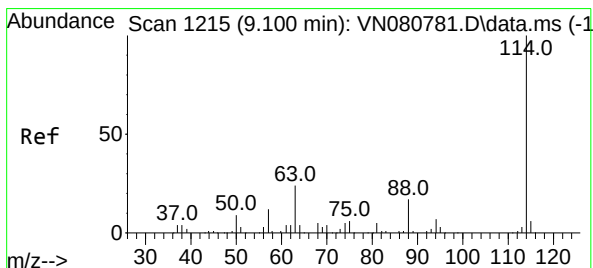
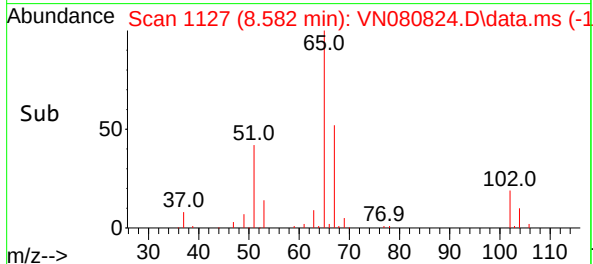
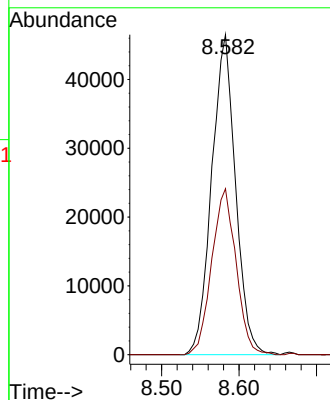
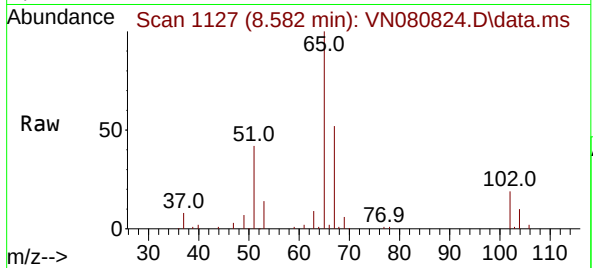
67 53.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

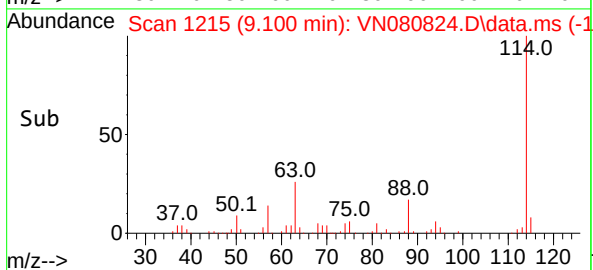
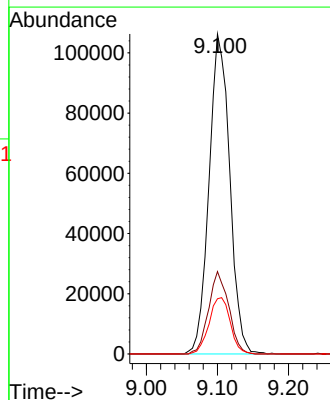
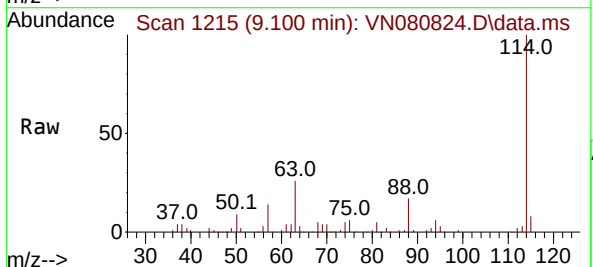
Tgt Ion:114 Resp: 214827

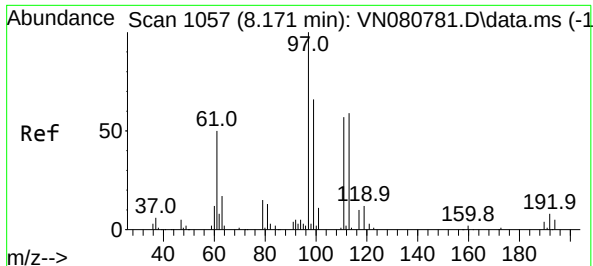
Ion Ratio Lower Upper

114 100

63 25.7 0.0 48.0

88 17.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.816 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

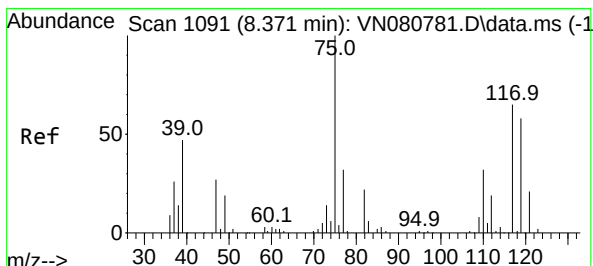
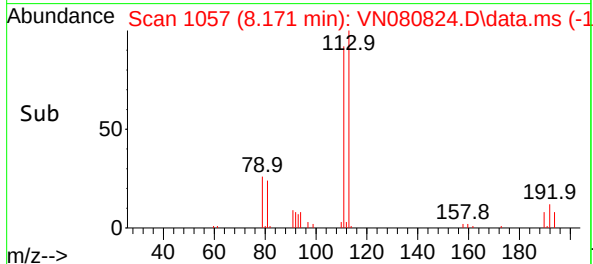
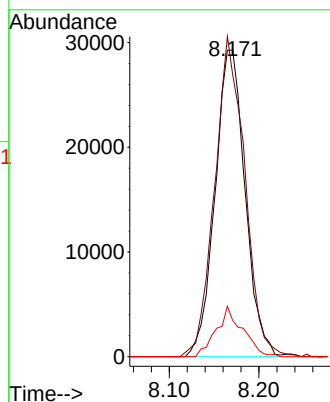
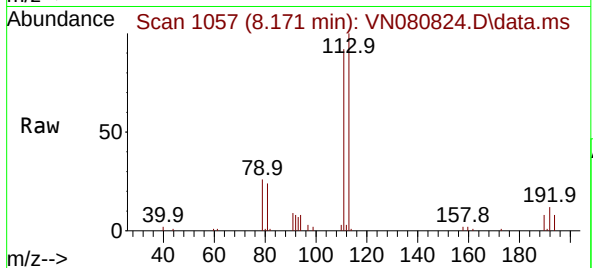
Tgt Ion:	113	Resp:	6810
Ion Ratio	Lower	Upper	
113	100		
111	104.7	82.2	123.4
192	14.4	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#36

1,1-Dichloropropene

Concen: 0.741 ug/l

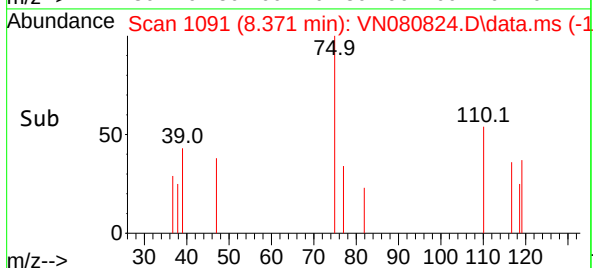
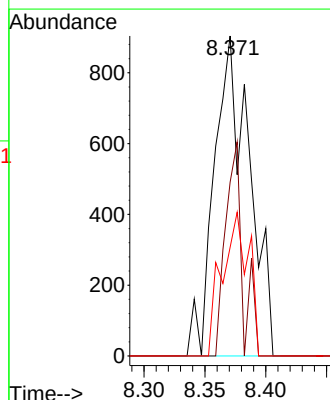
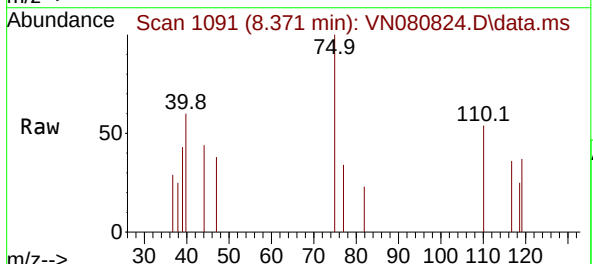
RT: 8.371 min Scan# 1091

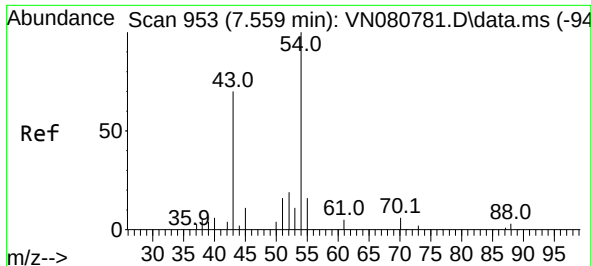
Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

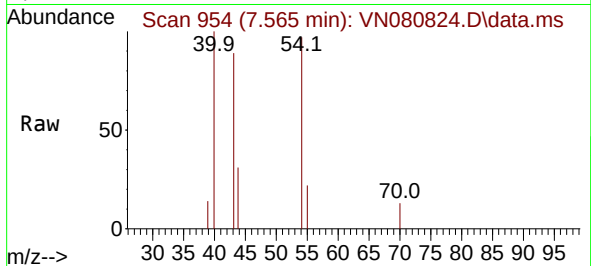
Tgt Ion:	75	Resp:	1811
Ion Ratio	Lower	Upper	
75	100		
110	32.6	16.0	48.0
77	34.1	25.8	38.6





#37
Ethyl Acetate
Concen: 0.825 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

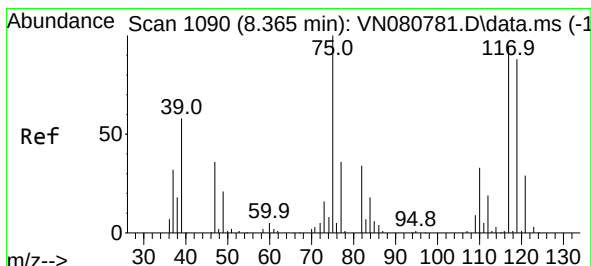
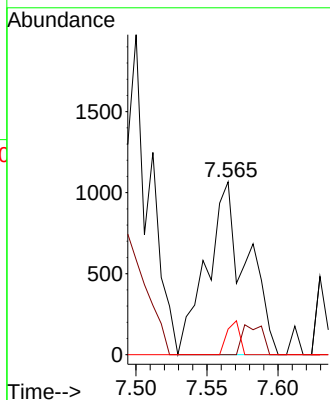
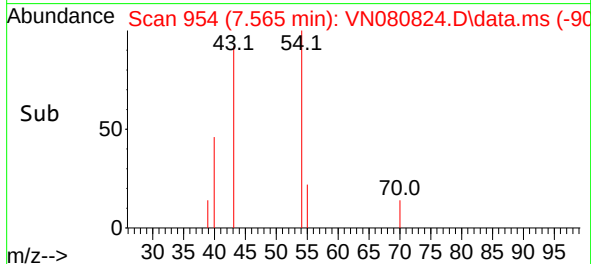
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
61 8.8 10.6 15.8
70 6.3 8.0 12.0

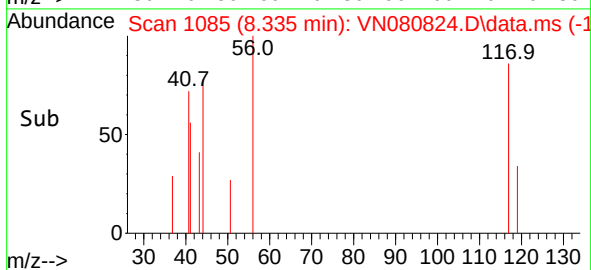
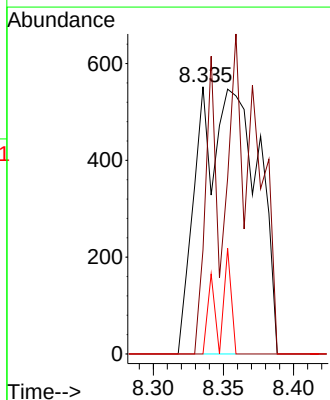
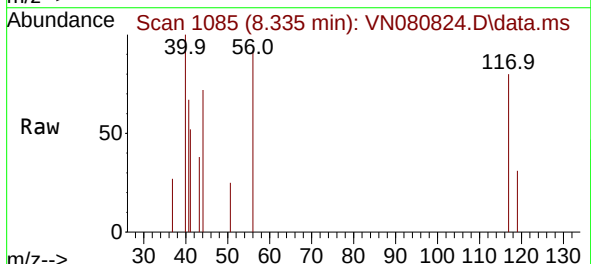
Manual Integrations
APPROVED

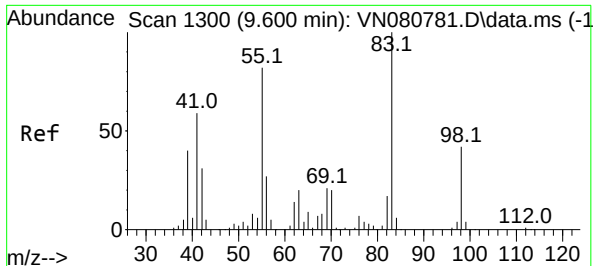
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#38
Carbon Tetrachloride
Concen: 0.810 ug/l m
RT: 8.335 min Scan# 1085
Delta R.T. -0.029 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:117 Resp: 1595
Ion Ratio Lower Upper
117 100
119 38.9 73.4 110.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.666 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

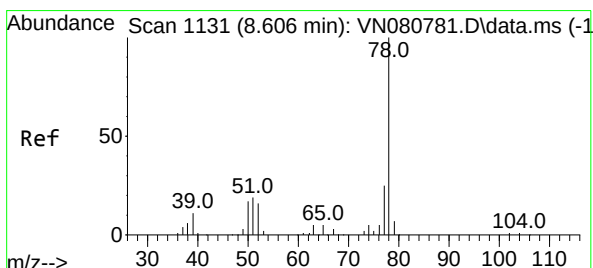
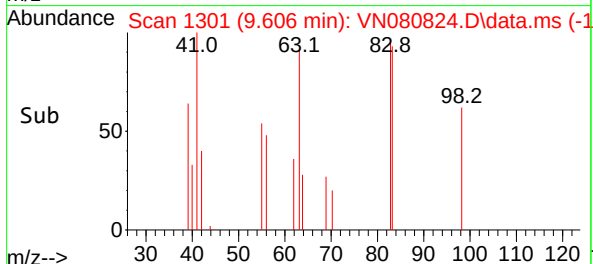
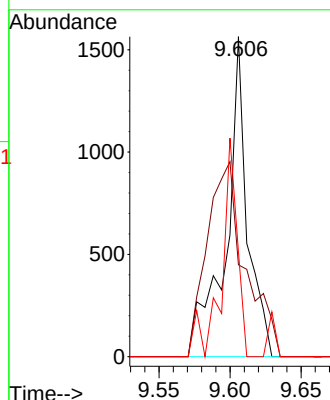
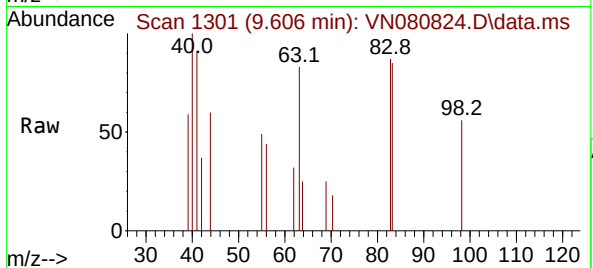
Tgt Ion: 83	Resp: 161
Ion Ratio	Lower Upper
83	100
55	28.7 65.7 98.5
98	32.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#40

Benzene

Concen: 0.723 ug/l

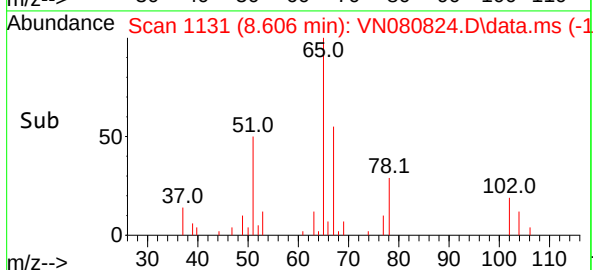
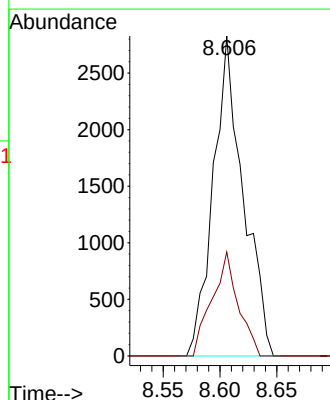
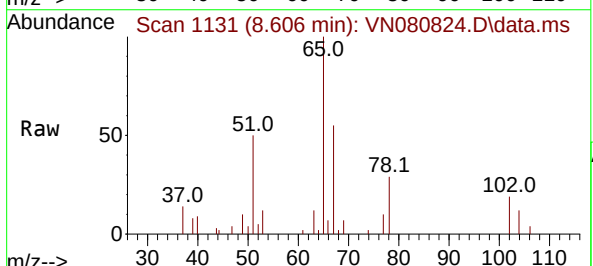
RT: 8.606 min Scan# 1131

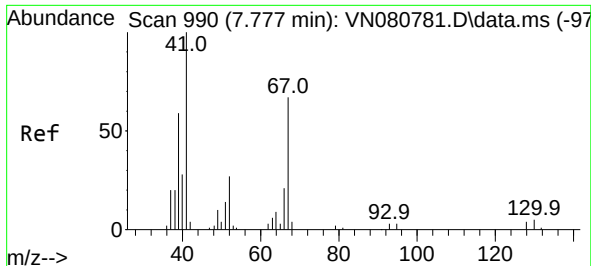
Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

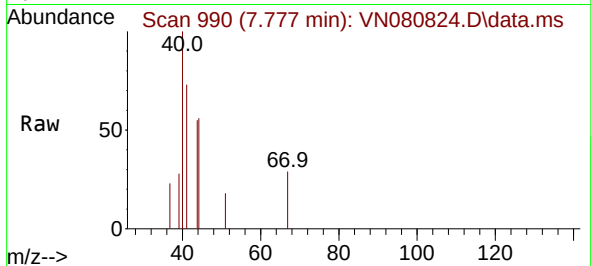
Tgt Ion: 78	Resp: 5191
Ion Ratio	Lower Upper
78	100
77	32.5 20.4 30.6





#41
Methacrylonitrile
Concen: 0.751 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

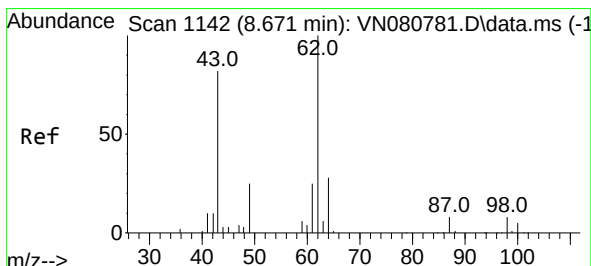
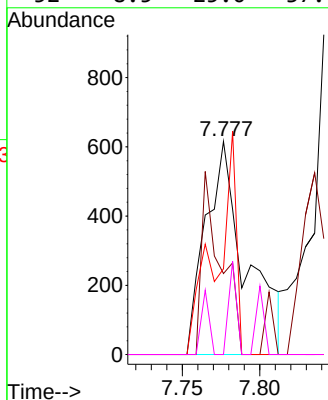
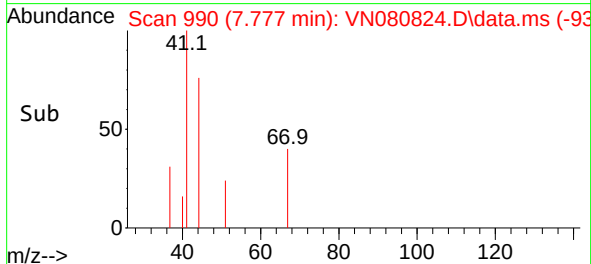
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:	41	Resp:	111
Ion Ratio	100	Lower	Upper
39	0.0	48.4	72.6
67	51.0	56.8	85.2
52	8.5	25.0	37.4

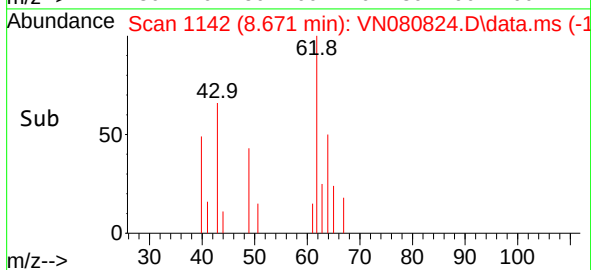
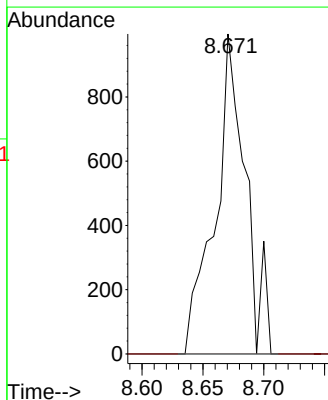
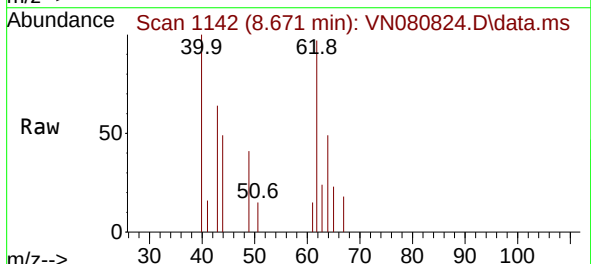
Manual Integrations
APPROVED

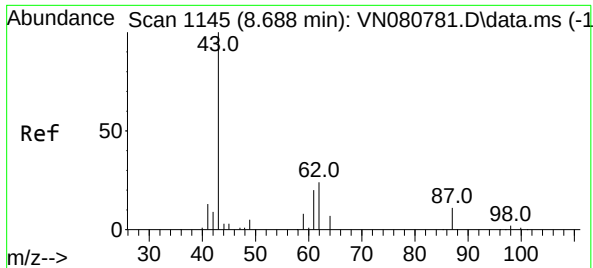
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#42
1,2-Dichloroethane
Concen: 0.738 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:	62	Resp:	1727
Ion Ratio	100	Lower	Upper
98	0.0	0.0	18.0





#43

Isopropyl Acetate

Concen: 0.769 ug/l

RT: 8.700 min Scan# 1145

Delta R.T. 0.012 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 352

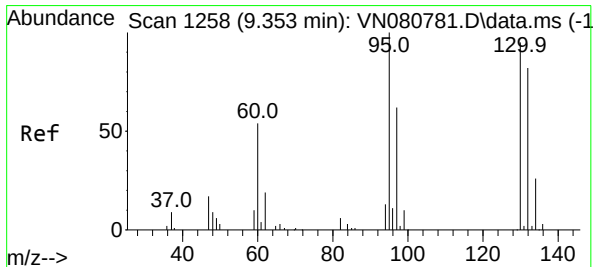
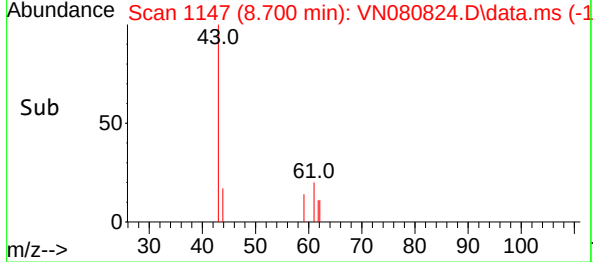
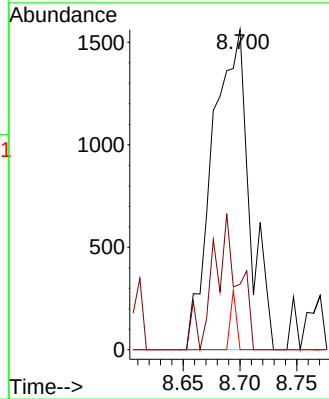
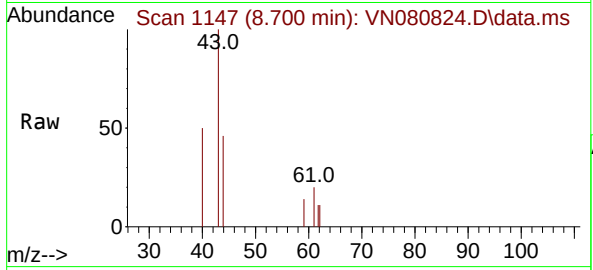
Ion	Ratio	Lower	Upper
43	100		
61	28.9	19.9	29.9
87	2.9	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#44

Trichloroethene

Concen: 0.734 ug/l

RT: 9.365 min Scan# 1260

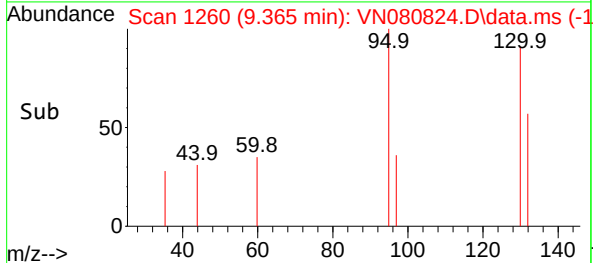
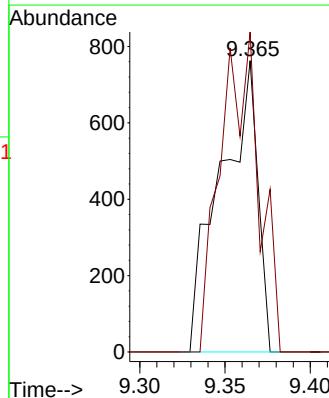
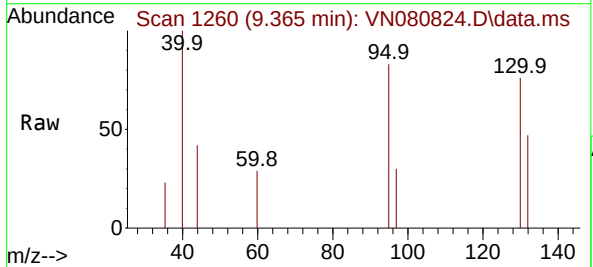
Delta R.T. 0.012 min

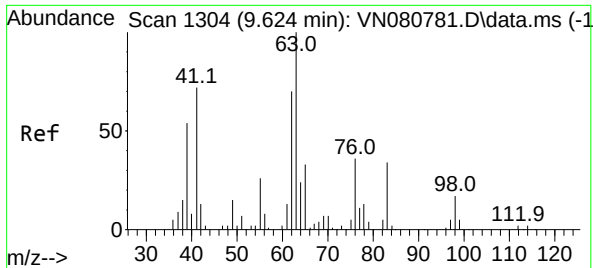
Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Tgt Ion:130 Resp: 1161

Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	210.4





#45

1,2-Dichloropropane

Concen: 0.829 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 63 Resp: 161

Ion Ratio Lower Upper

63 100

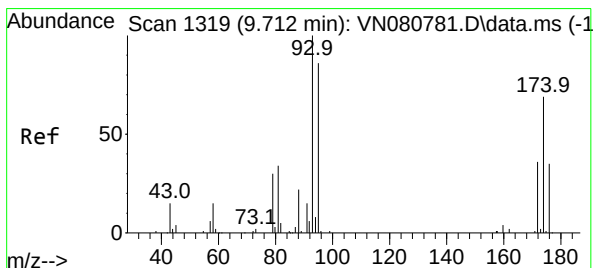
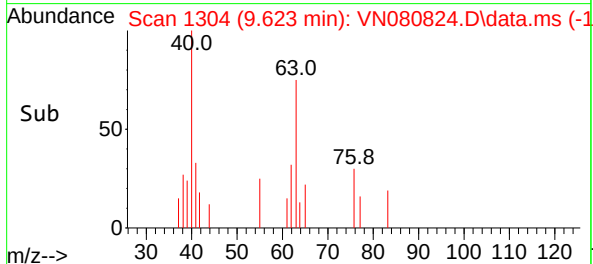
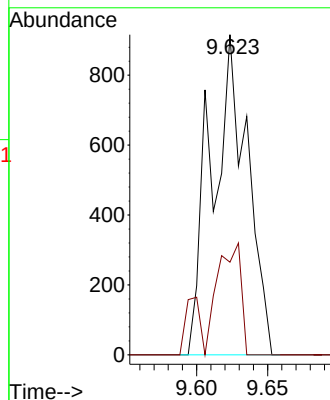
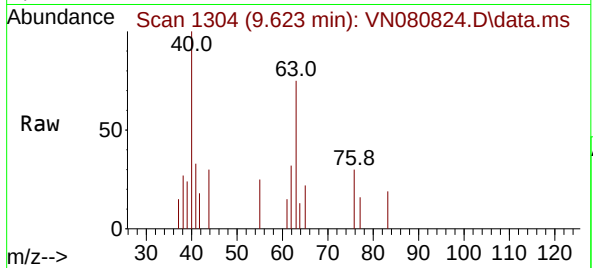
65 28.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#46

Dibromomethane

Concen: 0.721 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

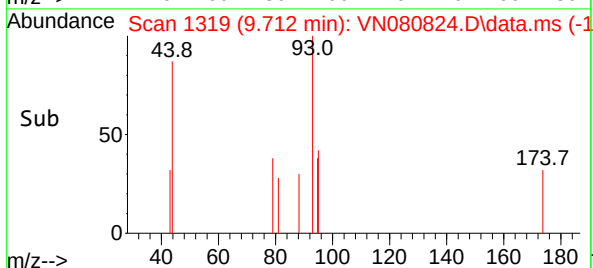
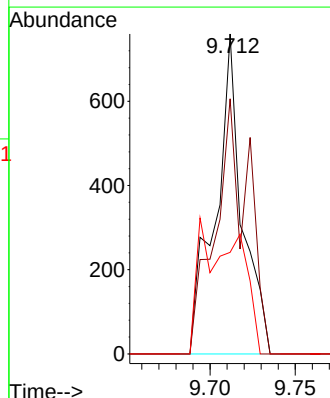
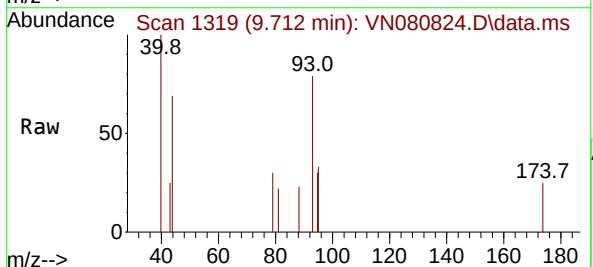
Tgt Ion: 93 Resp: 830

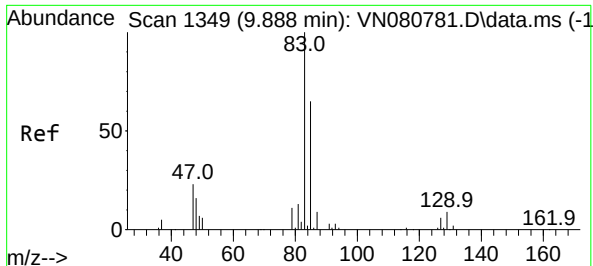
Ion Ratio Lower Upper

93 100

95 97.6 68.1 102.1

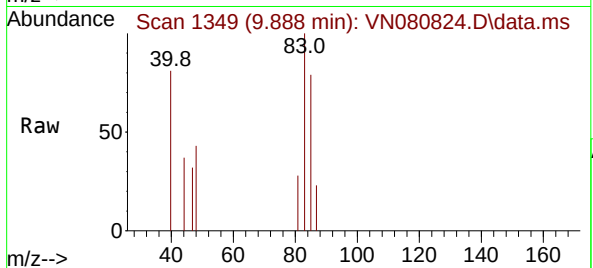
174 31.8 57.2 85.8#





#47
Bromodichloromethane
Concen: 0.675 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

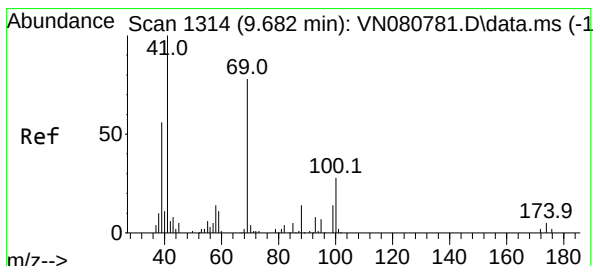
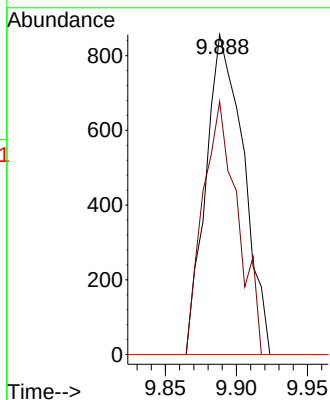
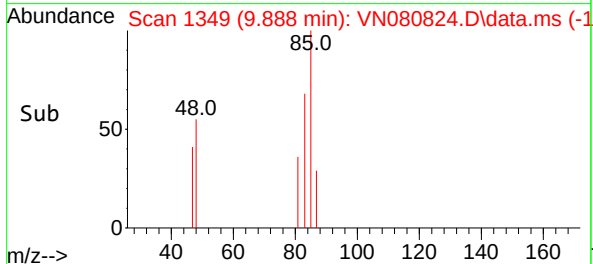
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 83 Resp: 1579
Ion Ratio Lower Upper
83 100
85 79.1 52.3 78.5
127 0.0 4.6 7.0

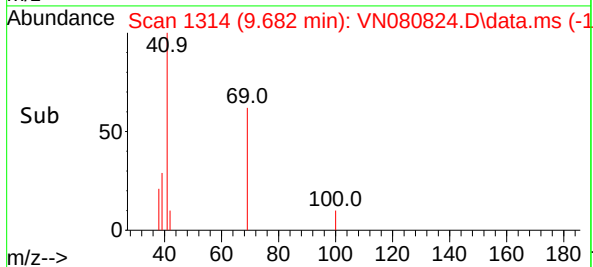
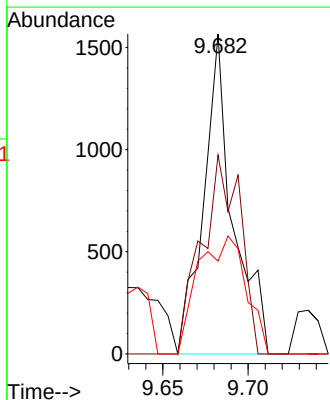
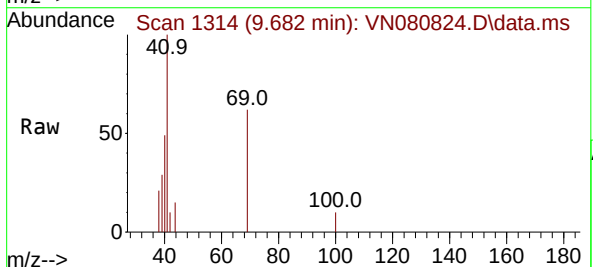
Manual Integrations
APPROVED

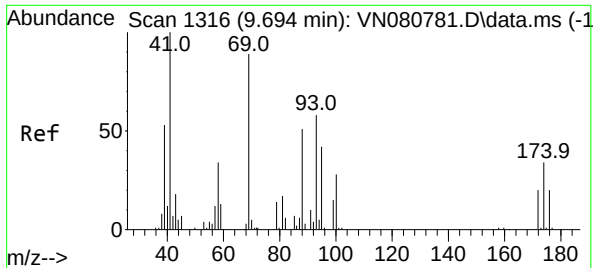
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#48
Methyl methacrylate
Concen: 0.847 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

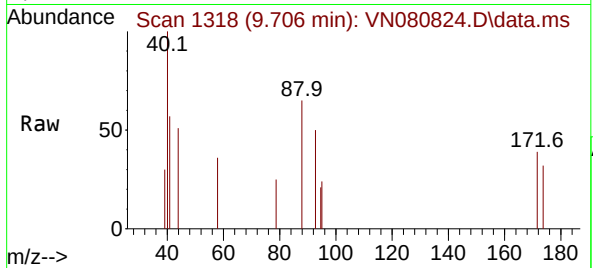
Tgt Ion: 41 Resp: 1881
Ion Ratio Lower Upper
41 100
69 81.2 62.2 93.2
39 59.9 47.6 71.4





#49
1,4-Dioxane
Concen: 22.104 ug/l
RT: 9.706 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

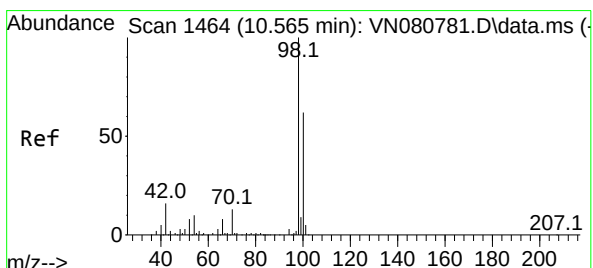
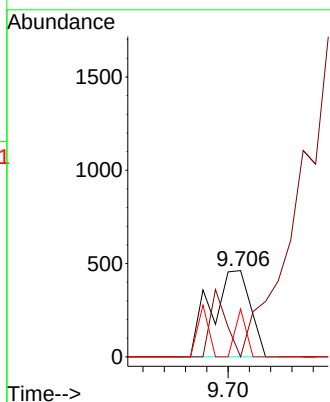
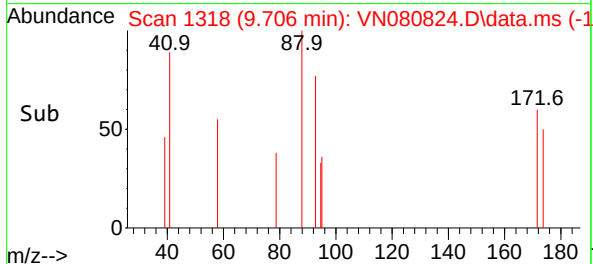
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 15.2 63.9 95.9

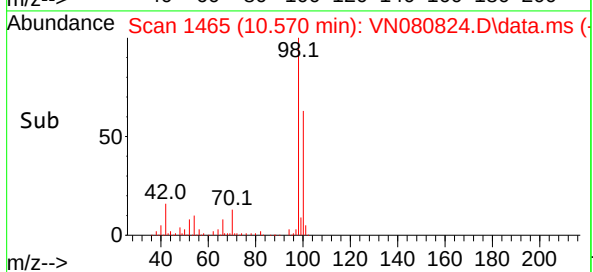
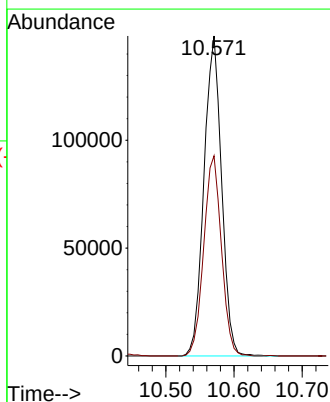
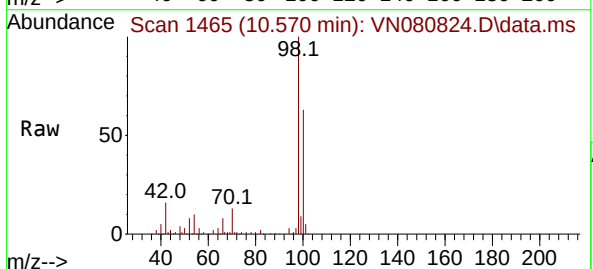
Manual Integrations
APPROVED

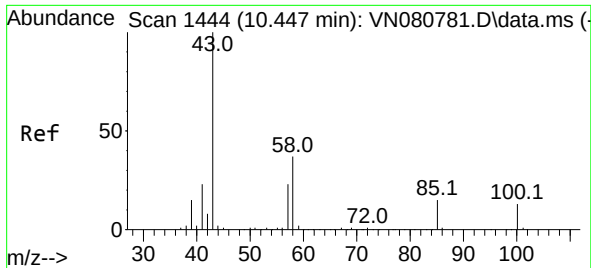
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#50
Toluene-d8
Concen: 51.761 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 98 Resp: 266269
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.0





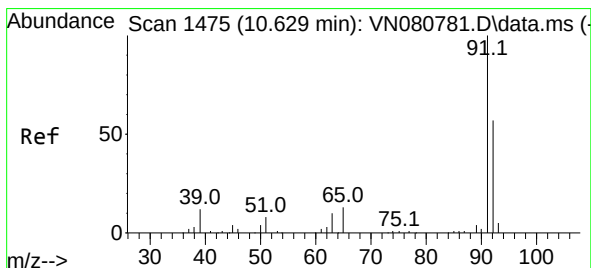
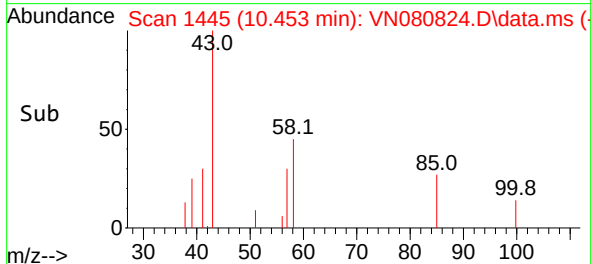
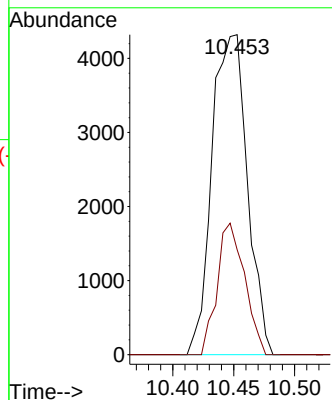
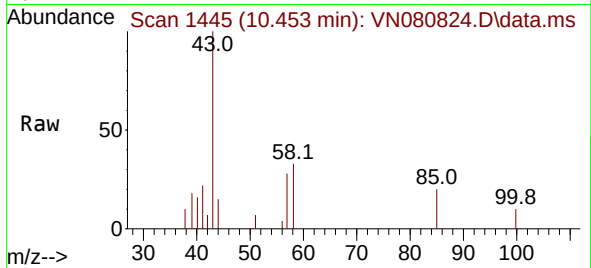
#51
4-Methyl-2-Pentanone
Concen: 3.415 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 8740
Ion Ratio Lower Upper
43 100
58 31.9 29.4 44.0

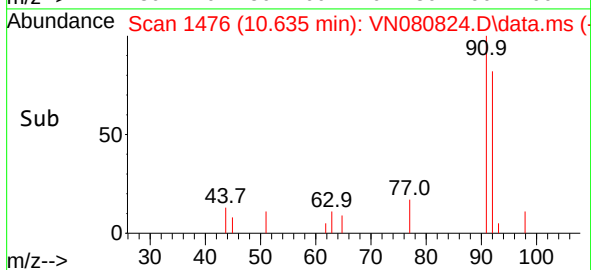
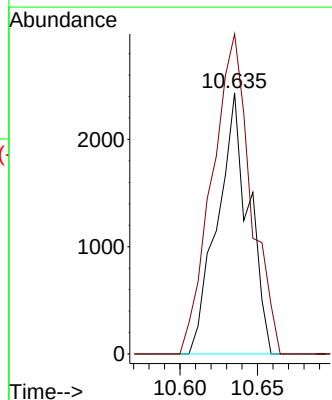
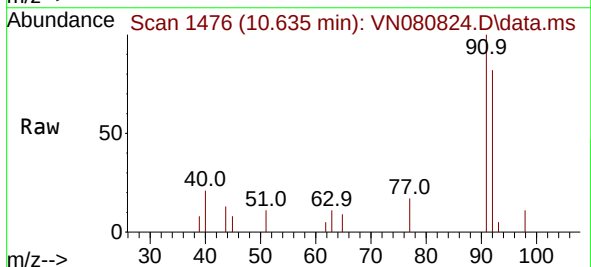
Manual Integrations
APPROVED

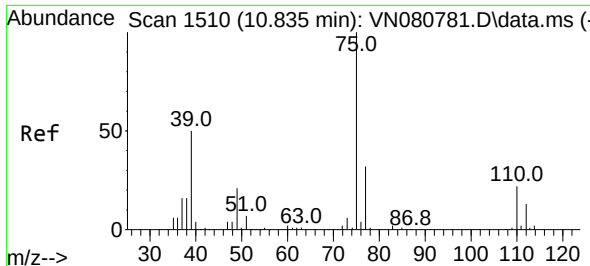
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#52
Toluene
Concen: 0.832 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

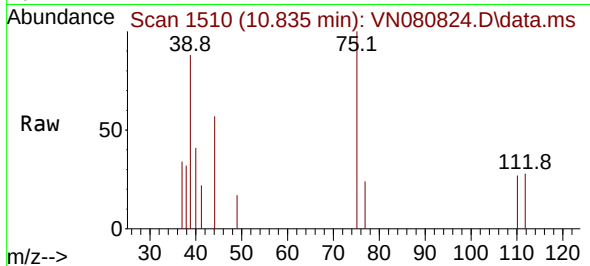
Tgt Ion: 92 Resp: 3426
Ion Ratio Lower Upper
92 100
91 151.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 0.692 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

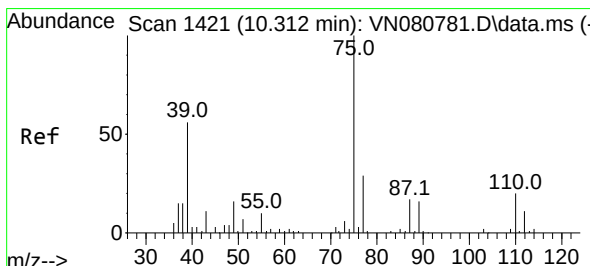
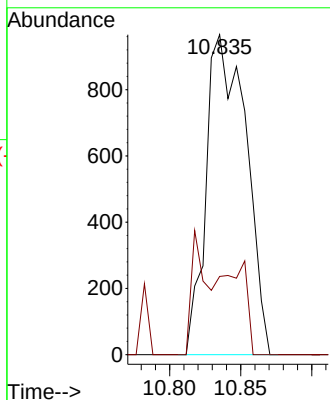
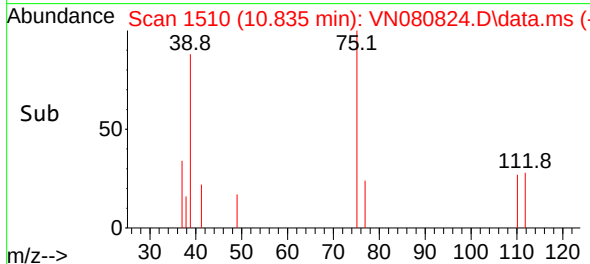
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024



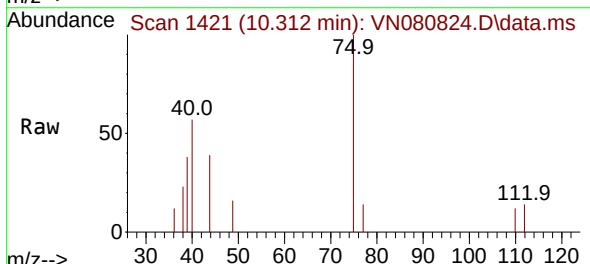
Tgt Ion: 75 Resp: 1884
Ion Ratio Lower Upper
75 100
77 24.4 25.5 38.3#

Manual Integrations
APPROVED

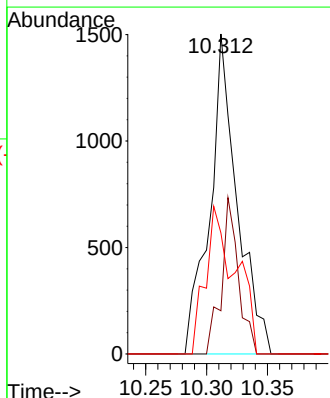
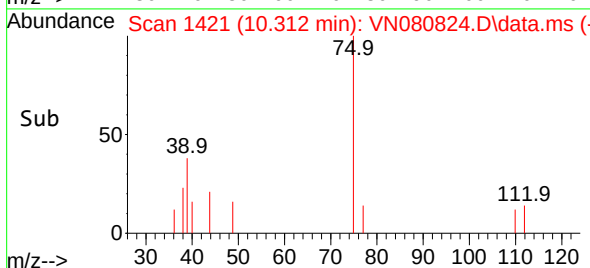
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

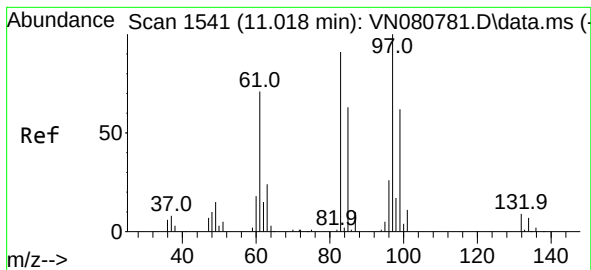


#54
cis-1,3-Dichloropropene
Concen: 0.797 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10



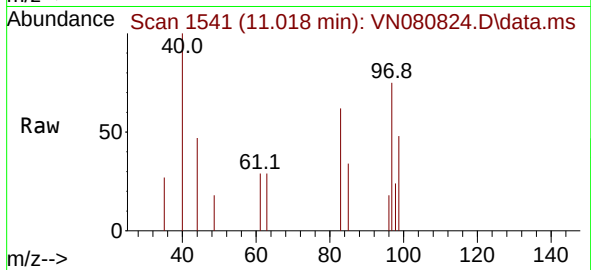
Tgt Ion: 75 Resp: 2361
Ion Ratio Lower Upper
75 100
77 13.5 23.3 34.9#
39 37.8 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 0.657 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

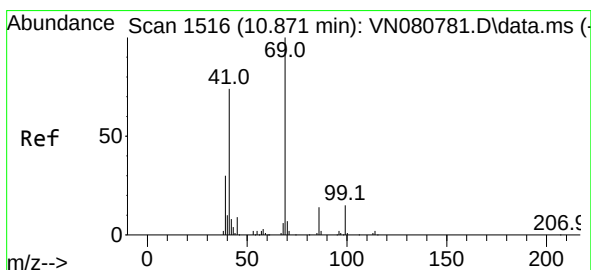
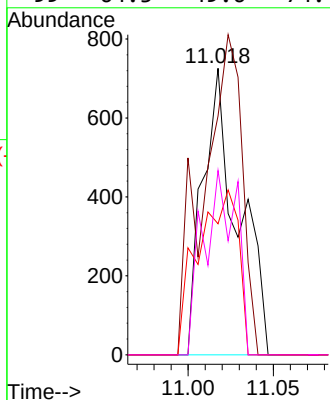
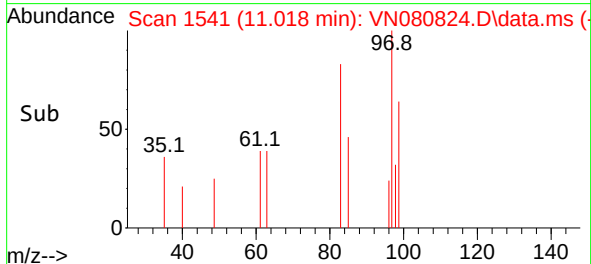
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024



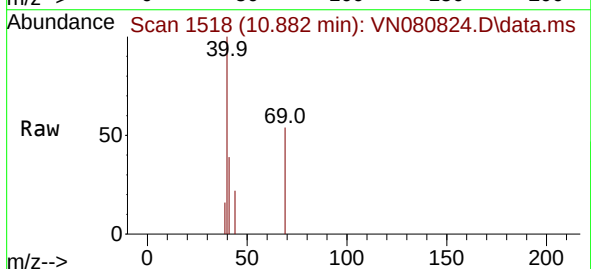
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.9	109.3
85	45.7	50.2	75.2
99	64.3	49.6	74.4

Manual Integrations
APPROVED

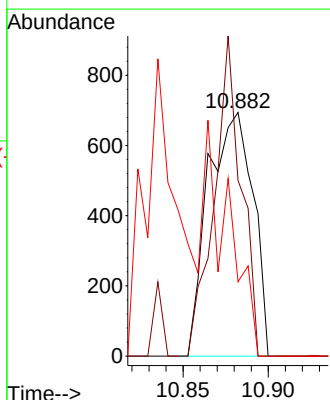
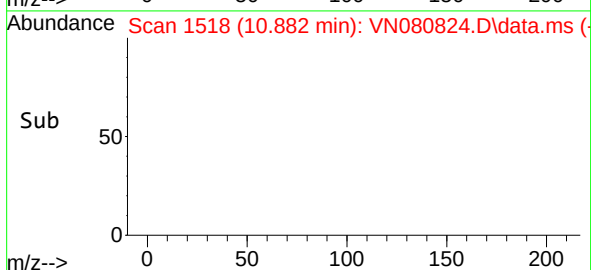
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

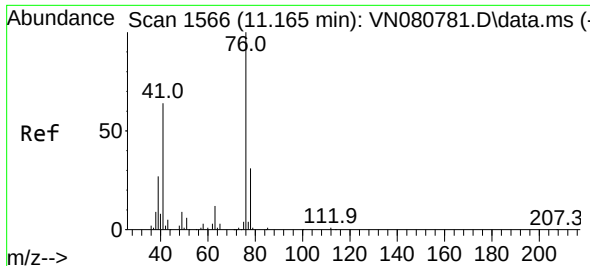


#56
Ethyl methacrylate
Concen: 0.522 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.011 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10



Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.9	61.0	91.6
39	52.5	31.8	47.6





#57

1,3-Dichloropropane

Concen: 0.776 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 76 Resp: 231

Ion Ratio Lower Upper

76 100

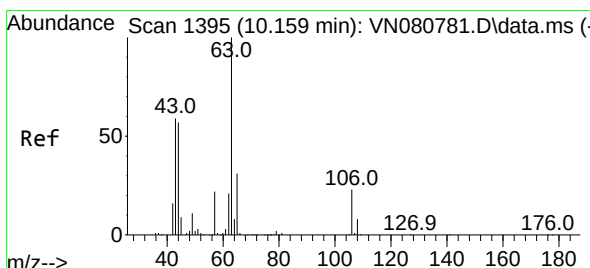
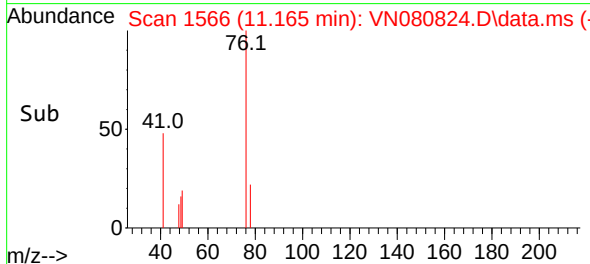
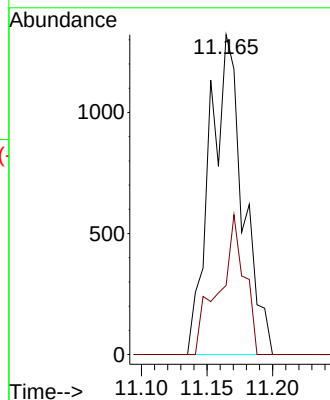
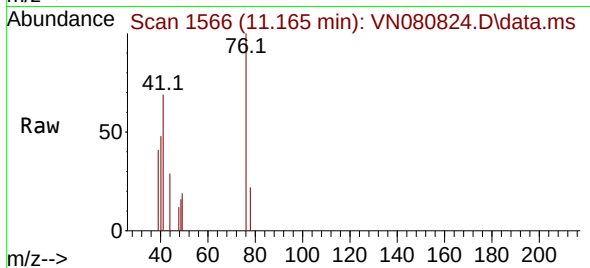
78 33.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 3.831 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080824.D

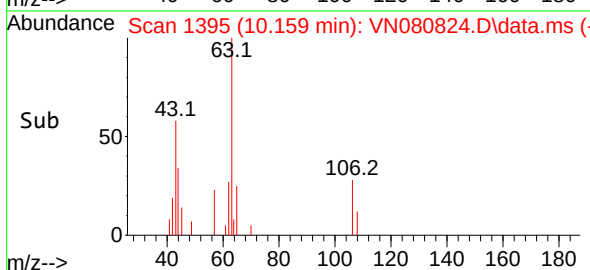
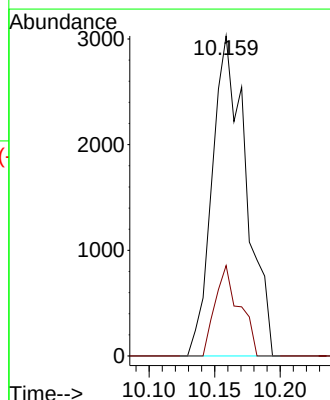
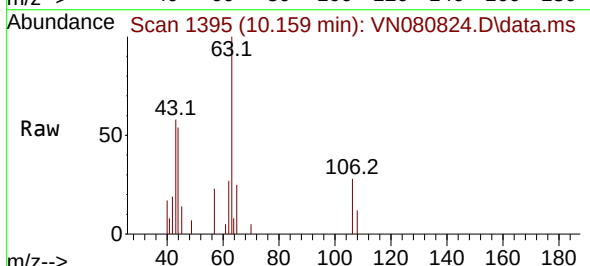
Acq: 30 Jan 2024 19:10

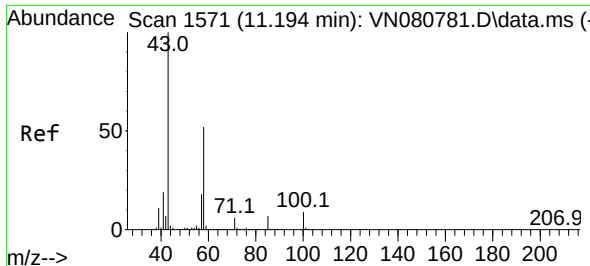
Tgt Ion: 63 Resp: 5431

Ion Ratio Lower Upper

63 100

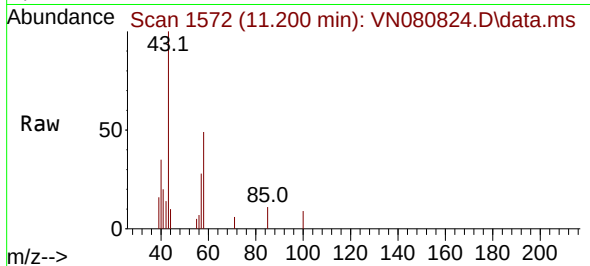
106 20.3 18.6 28.0





#59
2-Hexanone
Concen: 3.120 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

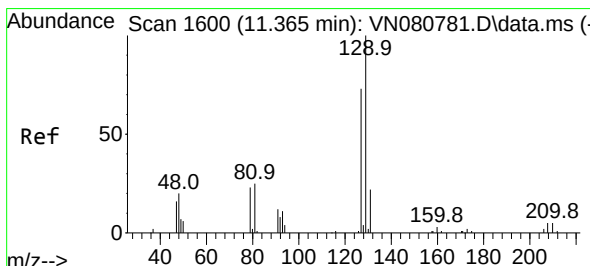
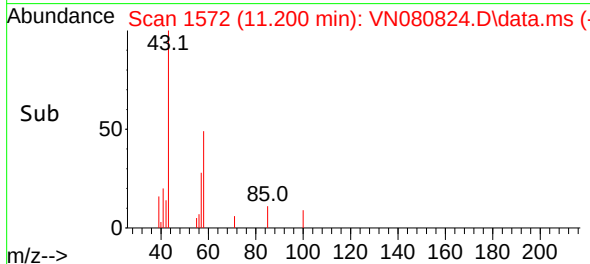
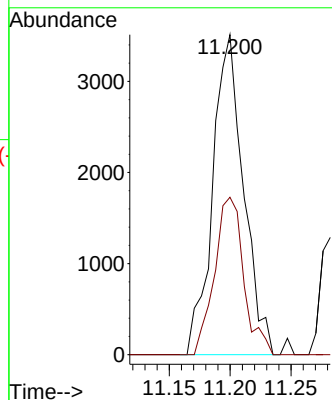
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 46.5 25.9 77.8

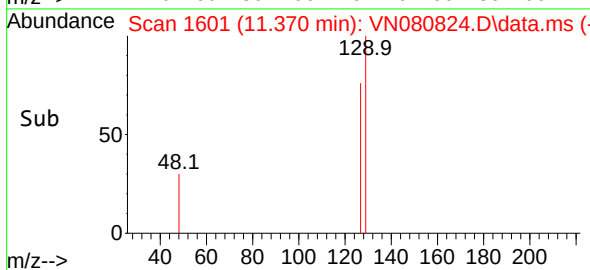
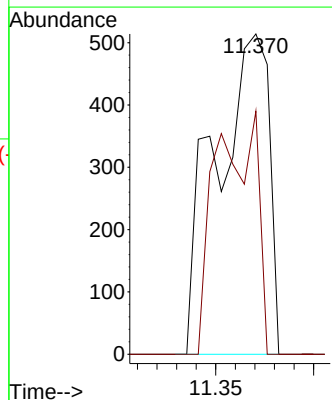
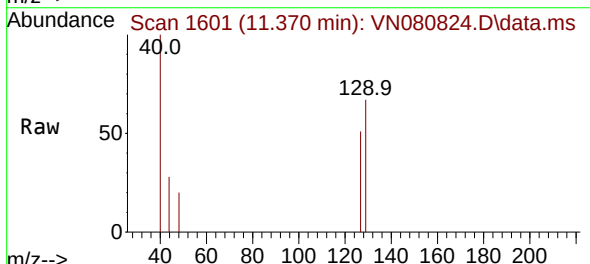
Manual Integrations
APPROVED

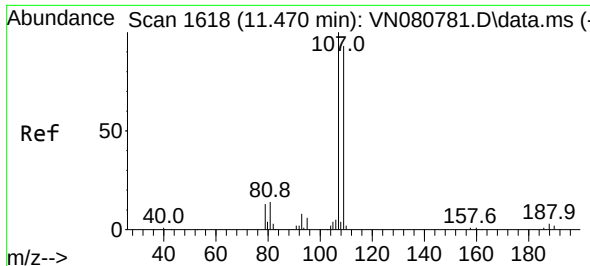
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#60
Dibromochloromethane
Concen: 0.658 ug/l m
RT: 11.370 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

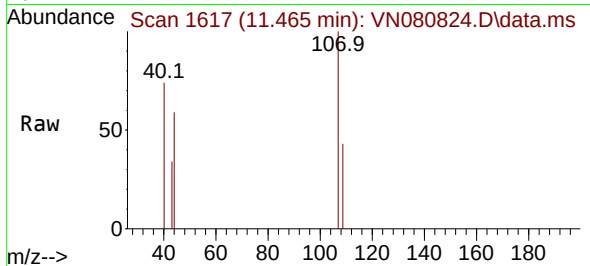
Tgt Ion:129 Resp: 968
Ion Ratio Lower Upper
129 100
127 58.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 0.714 ug/l
RT: 11.465 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

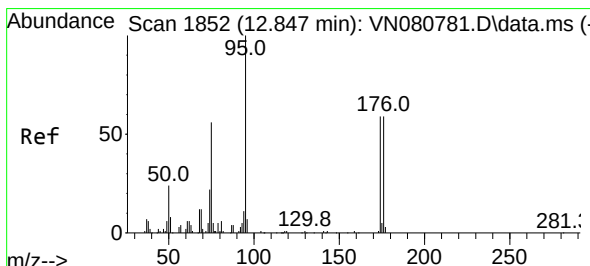
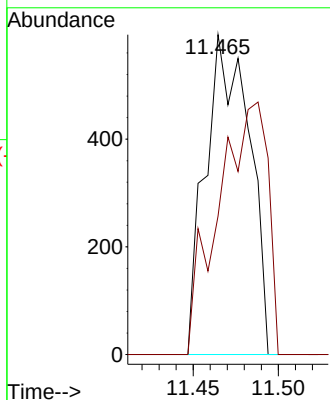
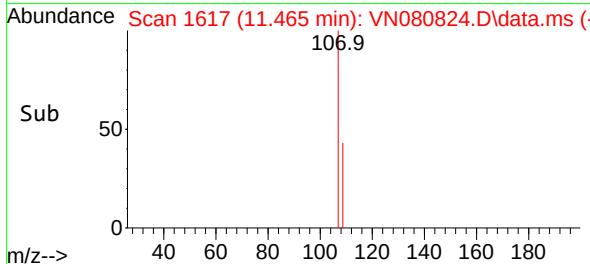
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



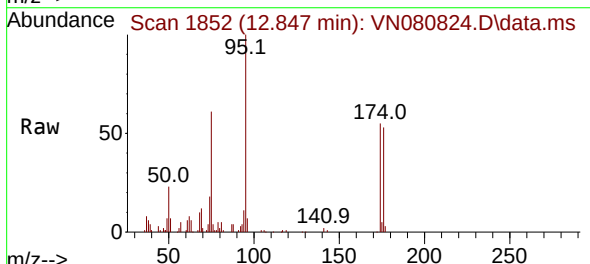
Tgt Ion:107 Resp: 1059
Ion Ratio Lower Upper
107 100
109 0.0 73.4 110.2

Manual Integrations
APPROVED

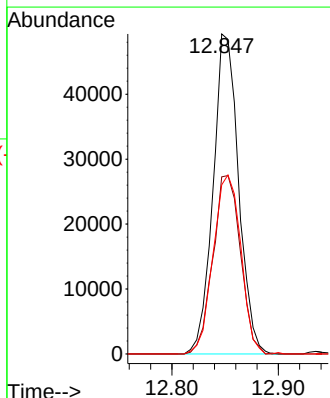
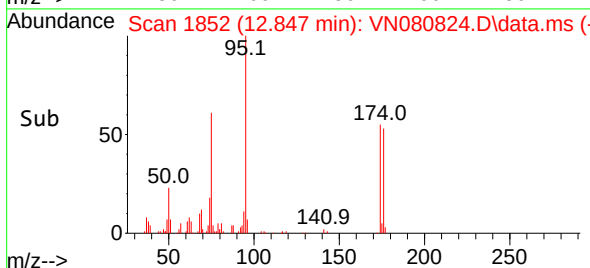
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

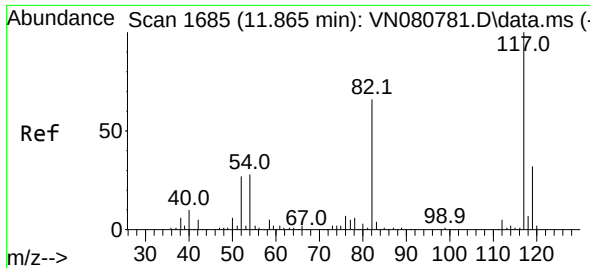


#62
4-Bromofluorobenzene
Concen: 45.642 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10



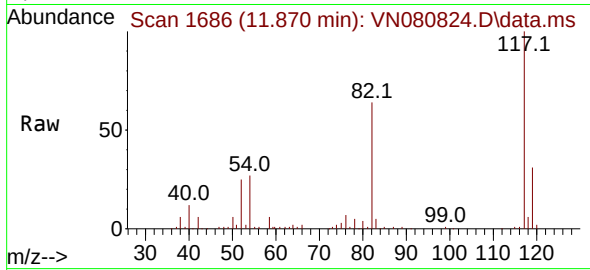
Tgt Ion: 95 Resp: 81818
Ion Ratio Lower Upper
95 100
174 60.3 0.0 120.4
176 60.7 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

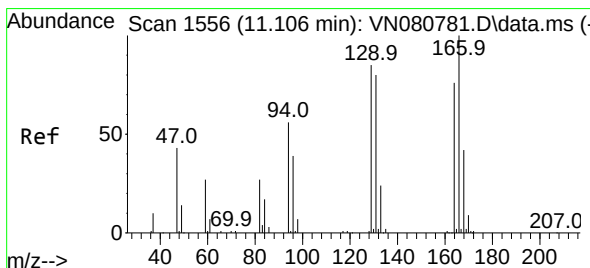
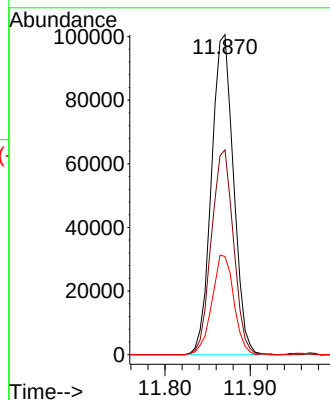
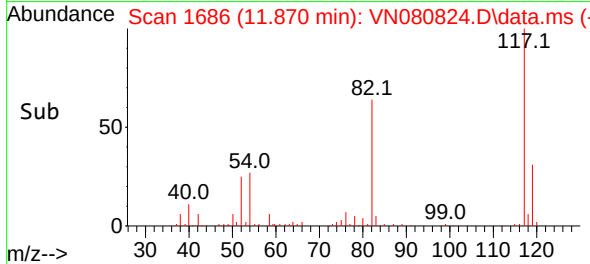
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:117 Resp: 18071
Ion Ratio Lower Upper
117 100
82 64.0 52.7 79.1
119 30.7 25.3 37.9

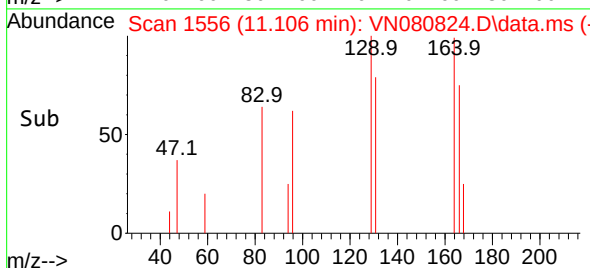
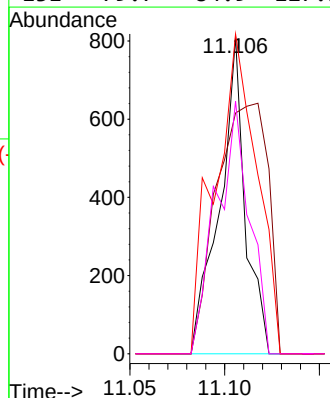
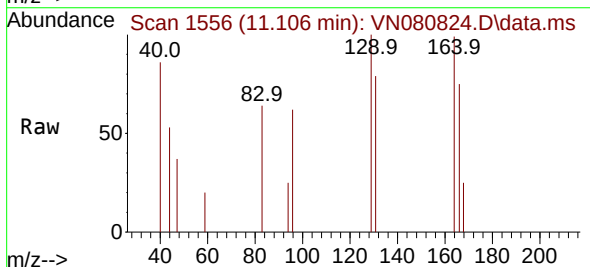
Manual Integrations
APPROVED

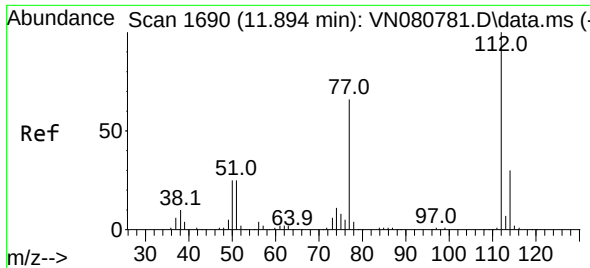
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#64
Tetrachloroethene
Concen: 0.641 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

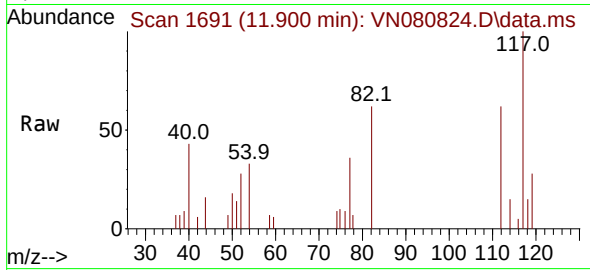
Tgt Ion:164 Resp: 761
Ion Ratio Lower Upper
164 100
166 76.0 105.8 158.6#
129 100.9 89.6 134.4
131 79.7 84.9 127.3#





#65
Chlorobenzene
Concen: 0.785 ug/l
RT: 11.900 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

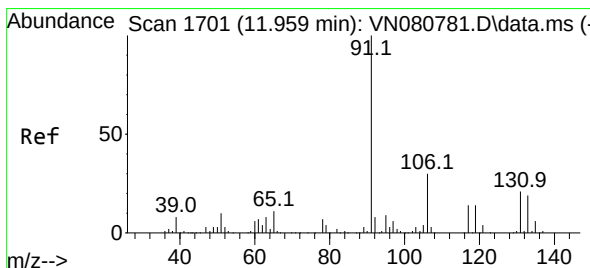
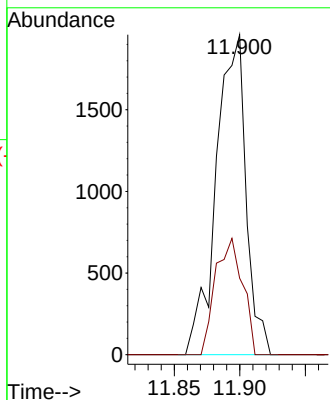
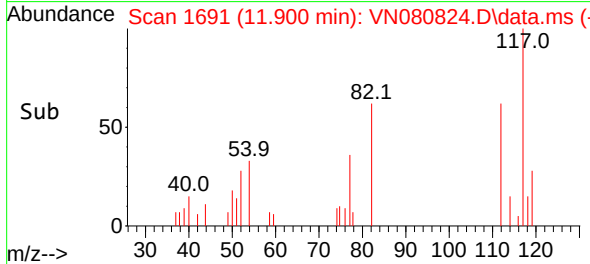
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



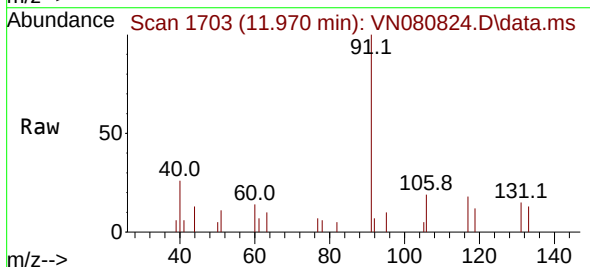
Tgt Ion:112 Resp: 3098
Ion Ratio Lower Upper
112 100
114 23.9 23.7 35.5

Manual Integrations
APPROVED

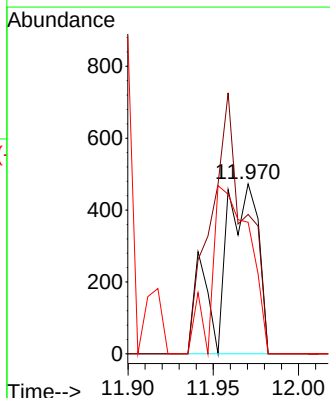
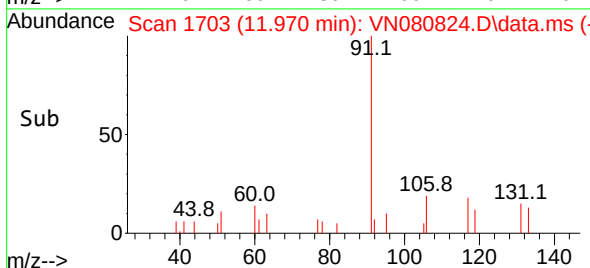
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

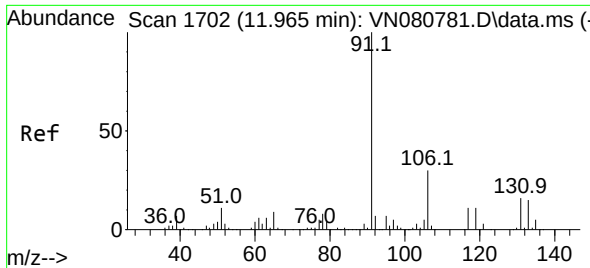


#66
1,1,1,2-Tetrachloroethane
Concen: 0.575 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10



Tgt Ion:131 Resp: 738
Ion Ratio Lower Upper
131 100
133 138.3 46.8 140.3
119 0.0 34.6 103.9#





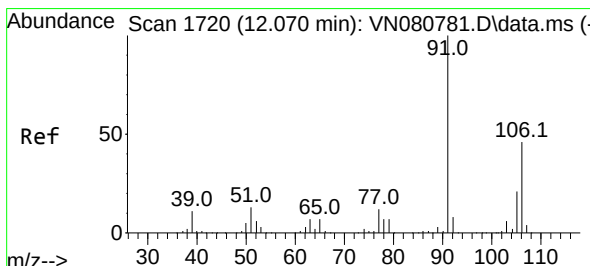
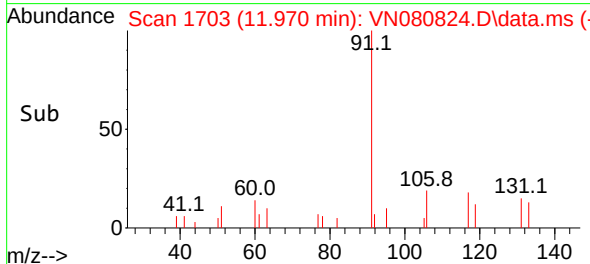
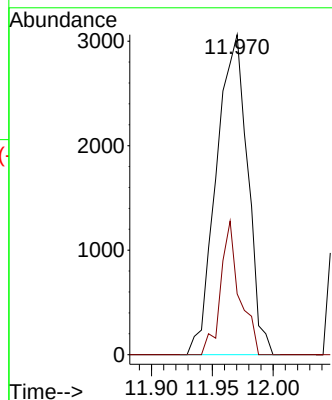
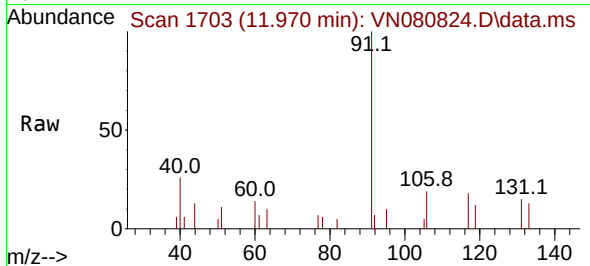
#67
Ethyl Benzene
Concen: 0.746 ug/l
RT: 11.970 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 5472
Ion Ratio Lower Upper
91 100
106 19.0 23.8 35.6

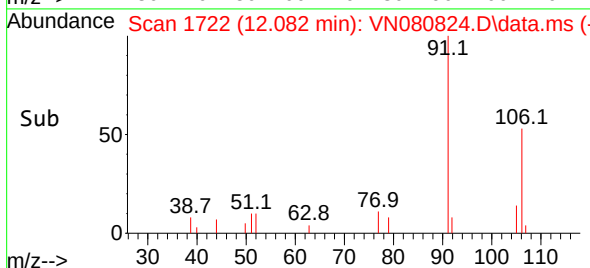
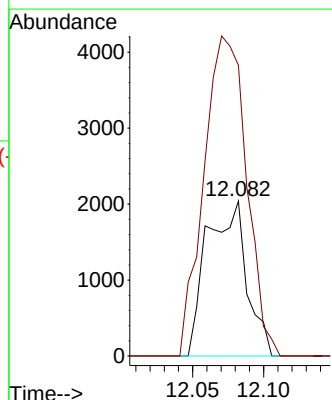
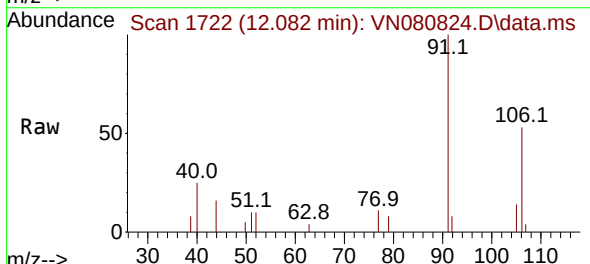
Manual Integrations
APPROVED

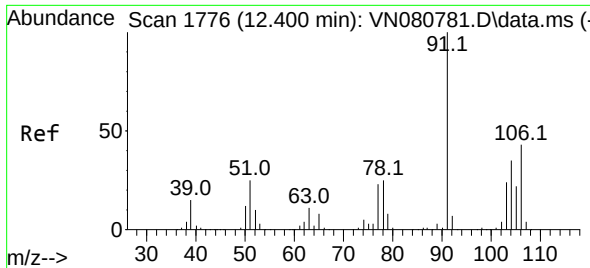
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#68
m/p-Xylenes
Concen: 1.517 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:106 Resp: 3950
Ion Ratio Lower Upper
106 100
91 223.0 169.0 253.6





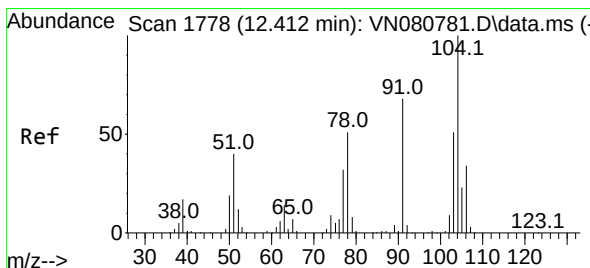
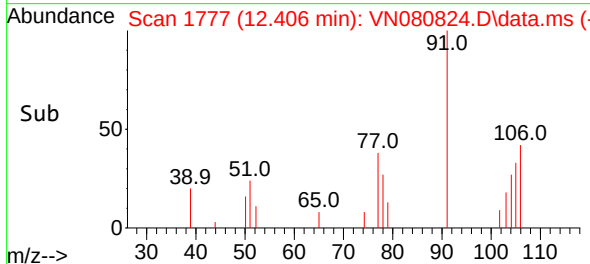
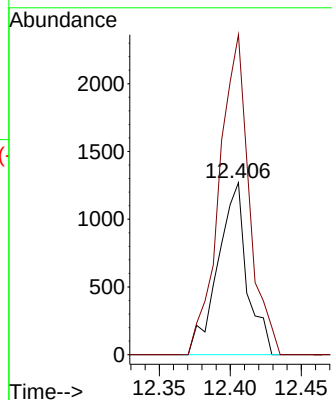
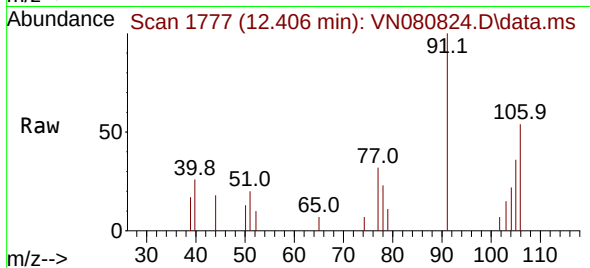
#69
o-Xylene
Concen: 0.697 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:106 Resp: 180
Ion Ratio Lower Upper
106 100
91 192.3 112.1 336.3

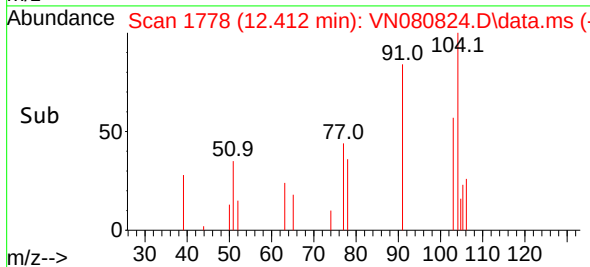
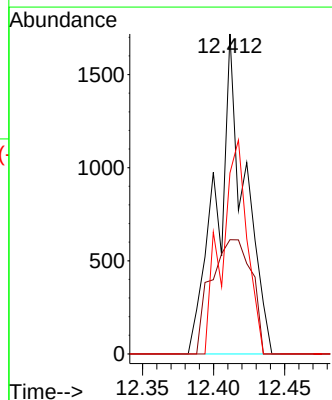
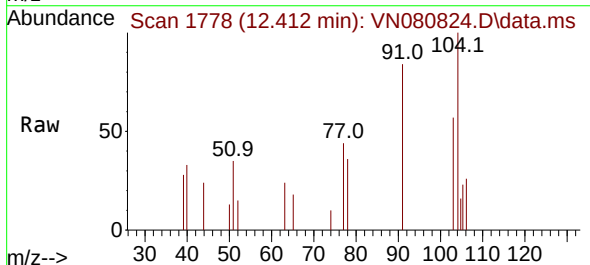
Manual Integrations
APPROVED

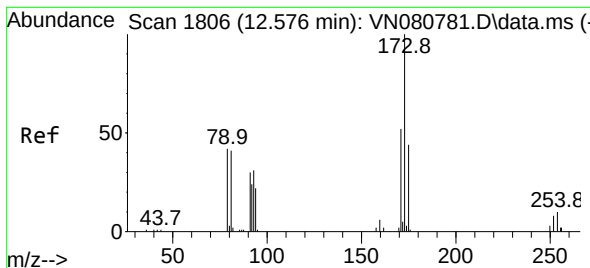
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#70
Styrene
Concen: 0.565 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:104 Resp: 2349
Ion Ratio Lower Upper
104 100
78 51.7 43.8 65.8
103 61.0 44.2 66.2





#71

Bromoform

Concen: 0.760 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

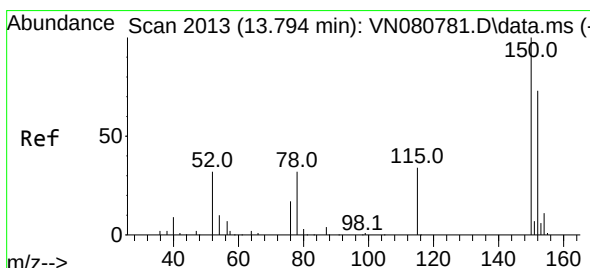
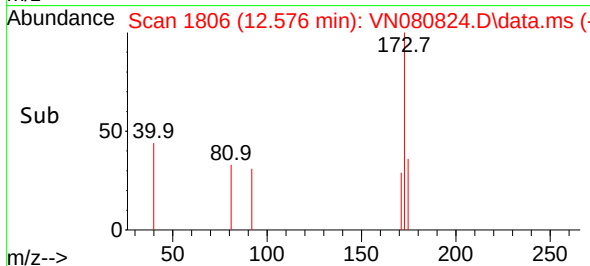
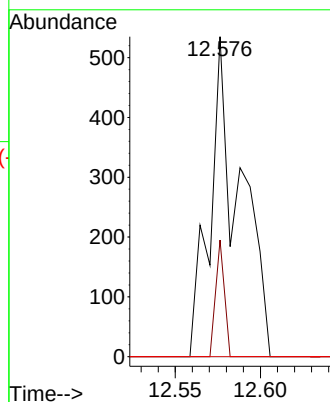
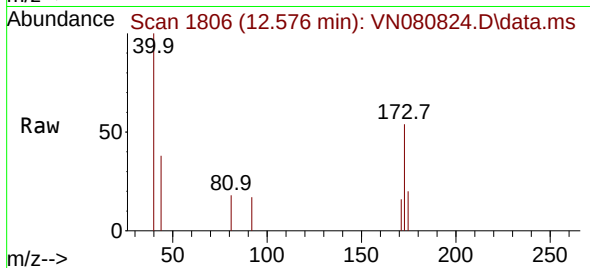
Tgt Ion:	173	Resp:	659
Ion Ratio	Lower	Upper	
173	100		
175	10.5	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

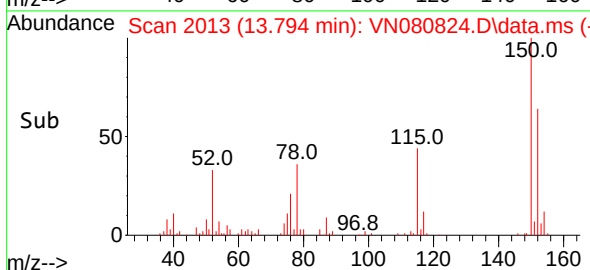
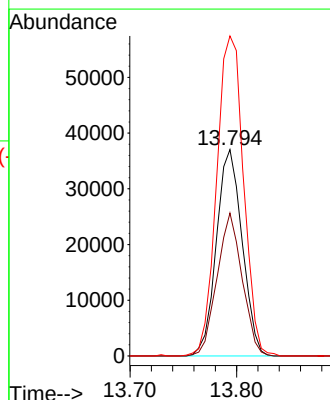
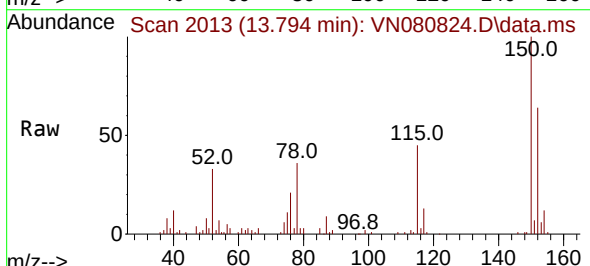
RT: 13.794 min Scan# 2013

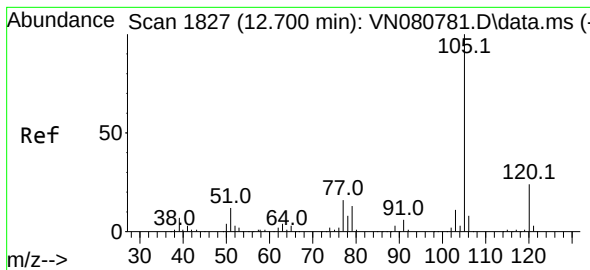
Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Tgt Ion:	152	Resp:	62128
Ion Ratio	Lower	Upper	
152	100		
115	67.4	32.3	96.8
150	161.7	0.0	339.8





#73

Isopropylbenzene

Concen: 0.734 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

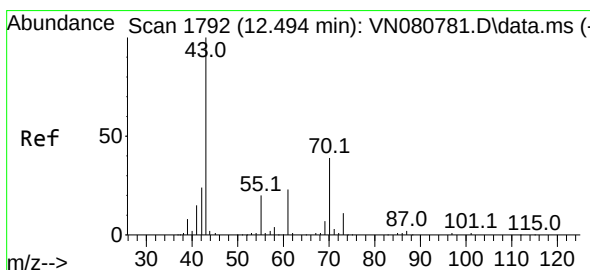
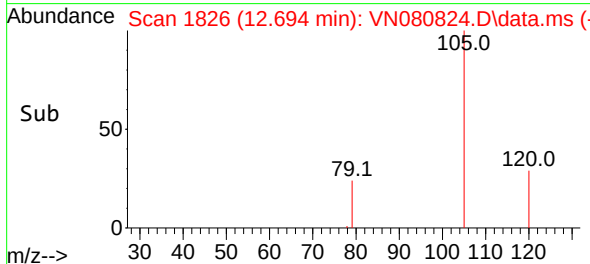
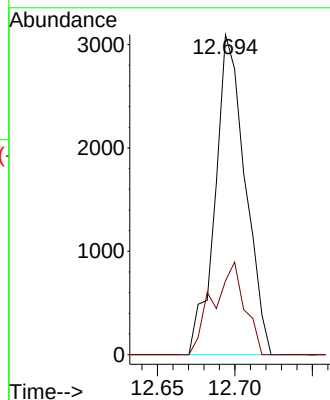
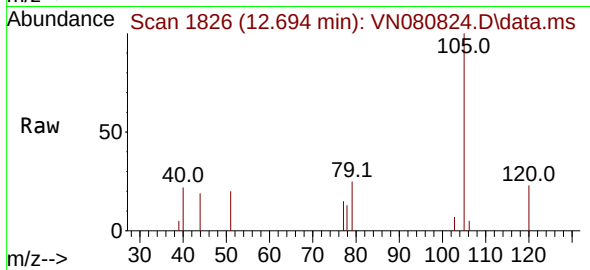
Tgt Ion:105 Resp: 4174
 Ion Ratio Lower Upper
 105 100
 120 30.5 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#74

N-ethyl acetate

Concen: 0.786 ug/l

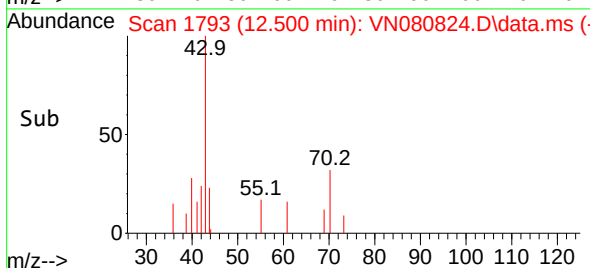
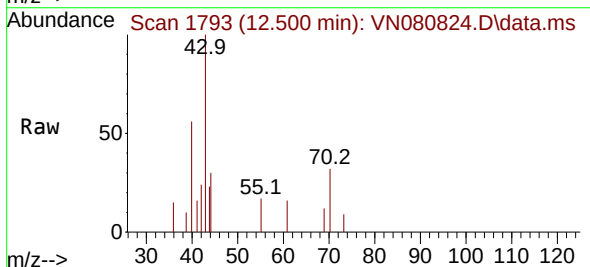
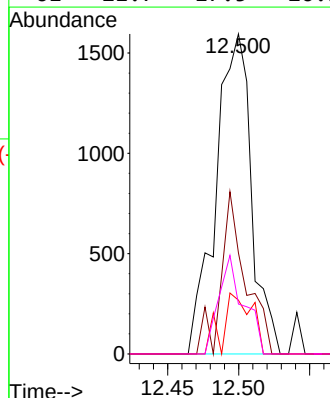
RT: 12.500 min Scan# 1793

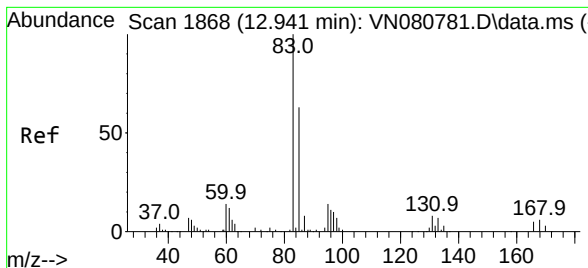
Delta R.T. 0.006 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

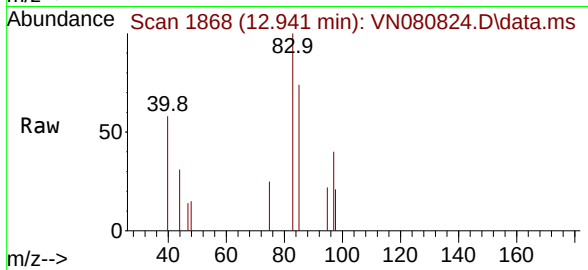
Tgt Ion: 43 Resp: 2775
 Ion Ratio Lower Upper
 43 100
 70 35.1 30.1 45.1
 55 15.6 17.0 25.4#
 61 21.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 0.780 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

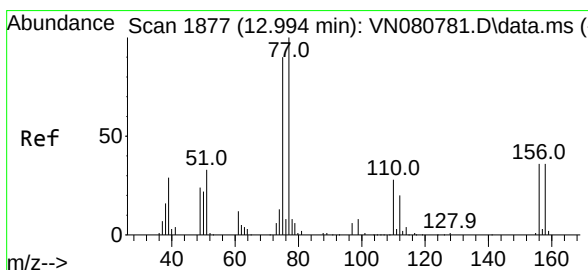
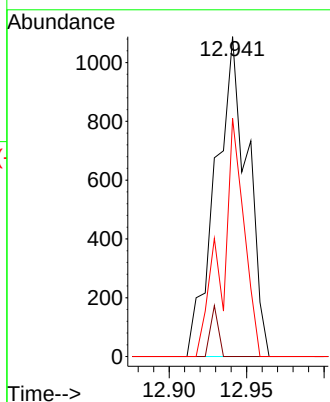
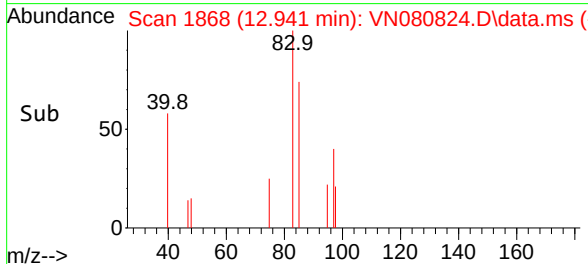
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024



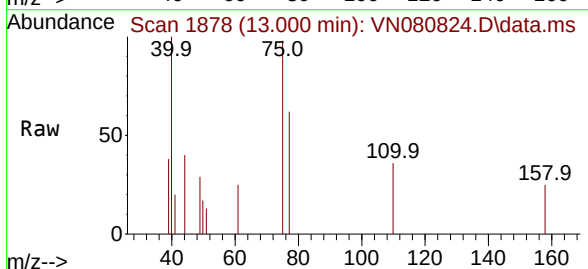
Tgt Ion: 83 Resp: 1562
Ion Ratio Lower Upper
83 100
131 3.9 4.1 12.3
85 51.5 32.1 96.3

Manual Integrations
APPROVED

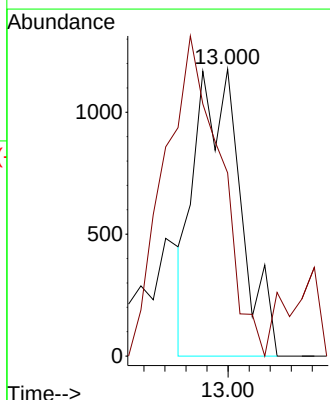
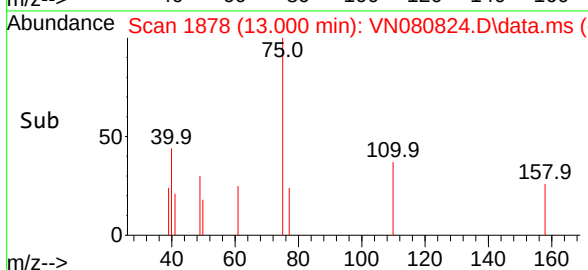
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

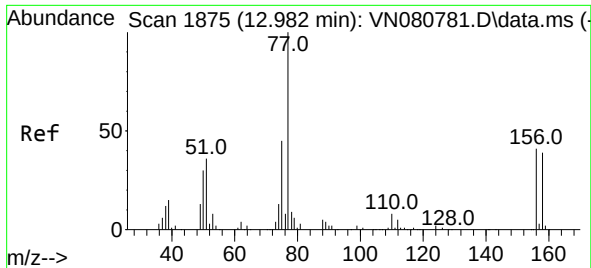


#76
1,2,3-Trichloropropane
Concen: 0.945 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10



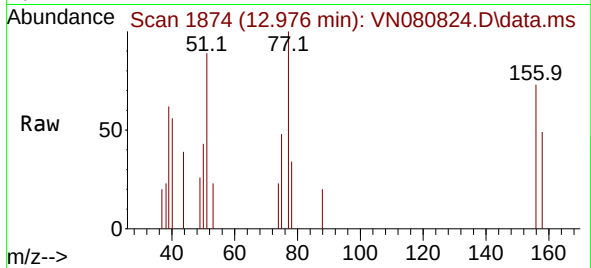
Tgt Ion: 75 Resp: 1770
Ion Ratio Lower Upper
75 100
77 137.3 91.0 272.8





#77
Bromobenzene
Concen: 0.696 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

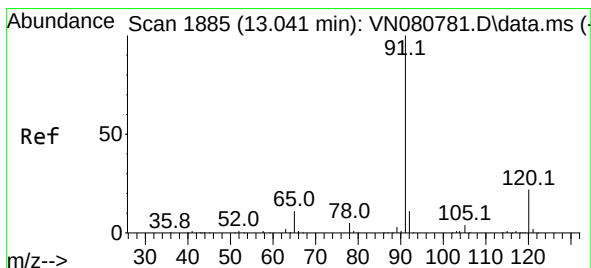
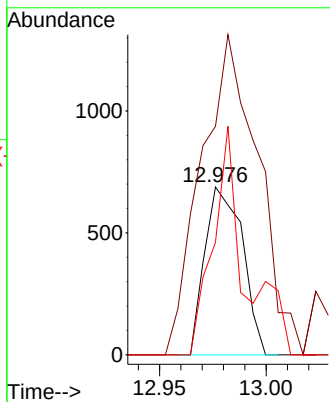
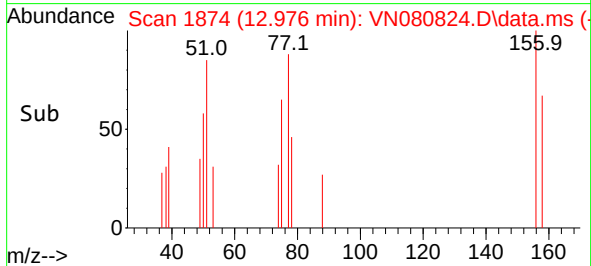
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:156 Resp: 840
Ion Ratio Lower Upper
156 100
77 287.2 138.1 414.3
158 114.7 46.5 139.5

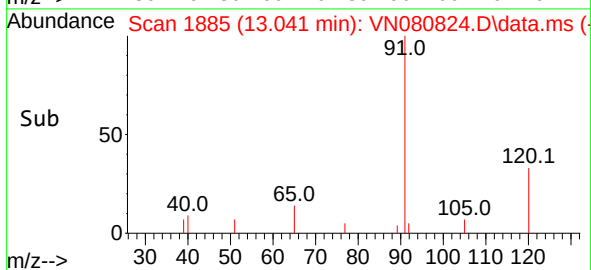
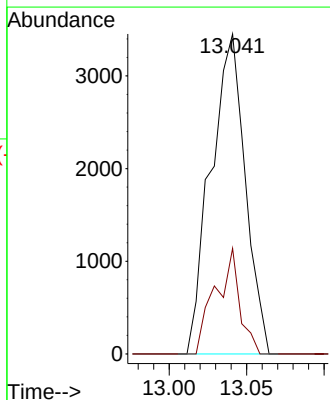
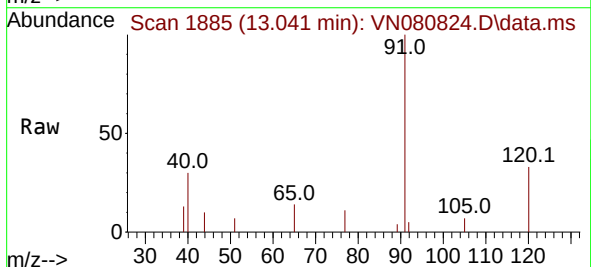
Manual Integrations
APPROVED

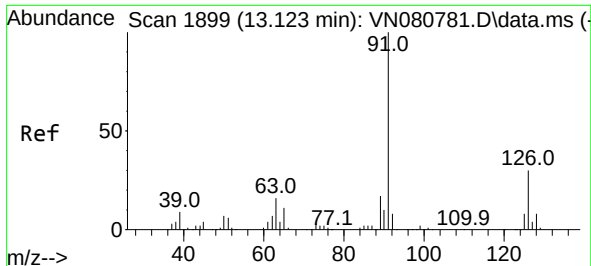
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#78
n-propylbenzene
Concen: 0.784 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion: 91 Resp: 5328
Ion Ratio Lower Upper
91 100
120 23.4 10.3 30.9





#79

2-Chlorotoluene

Concen: 0.675 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

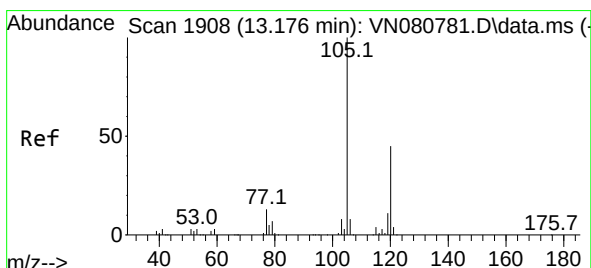
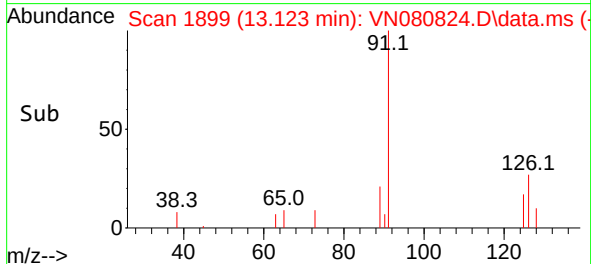
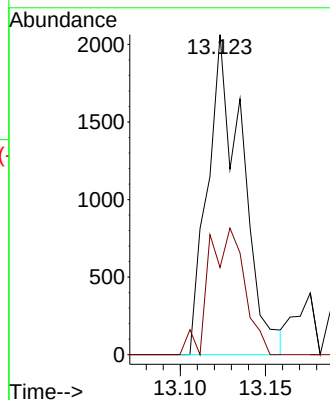
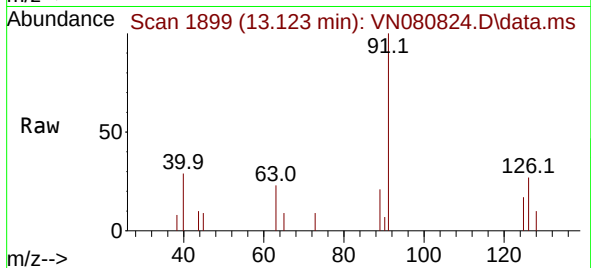
Tgt Ion: 91 Resp: 2917
 Ion Ratio Lower Upper
 91 100
 126 40.7 14.8 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.723 ug/l

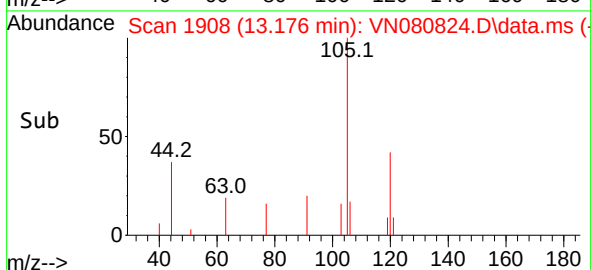
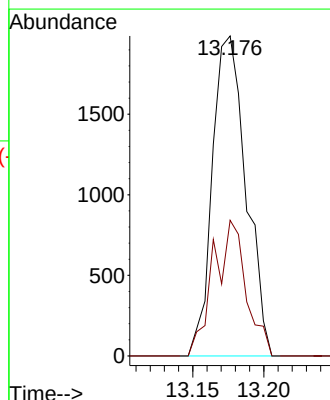
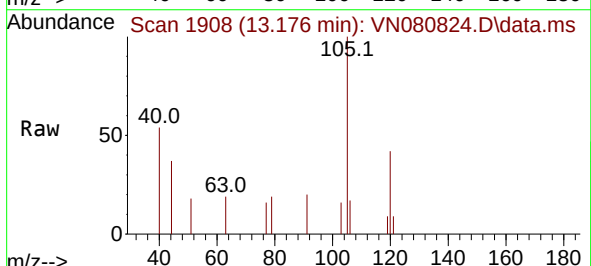
RT: 13.176 min Scan# 1908

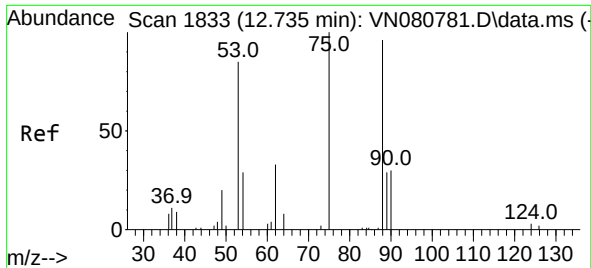
Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

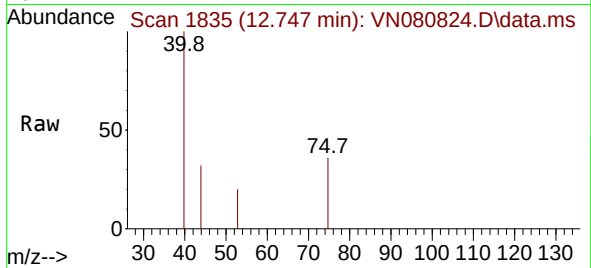
Tgt Ion:105 Resp: 3277
 Ion Ratio Lower Upper
 105 100
 120 41.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 0.388 ug/l m
RT: 12.747 min Scan# 1835
Delta R.T. 0.012 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

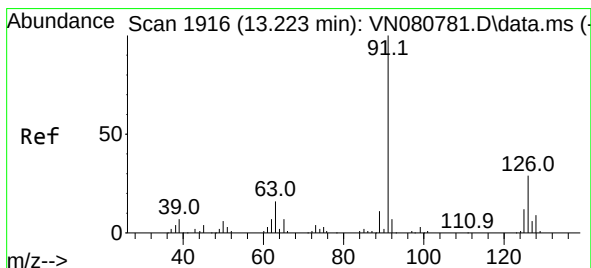
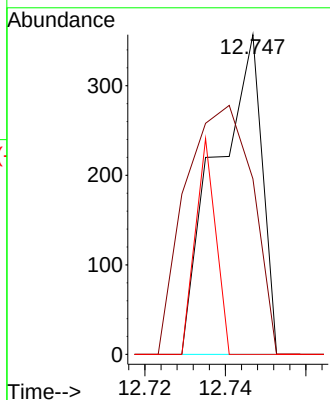
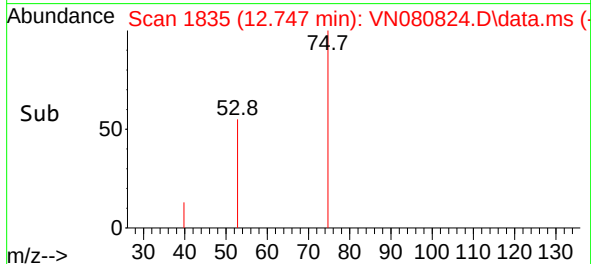
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 75 Resp: 281
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2
89 0.0 33.4 50.0

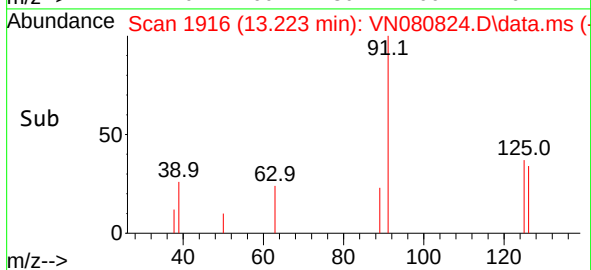
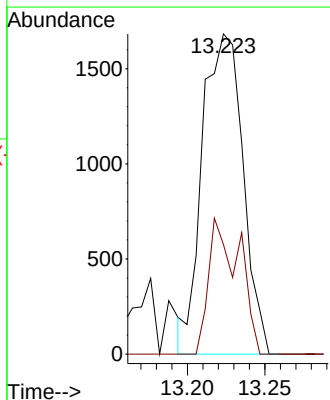
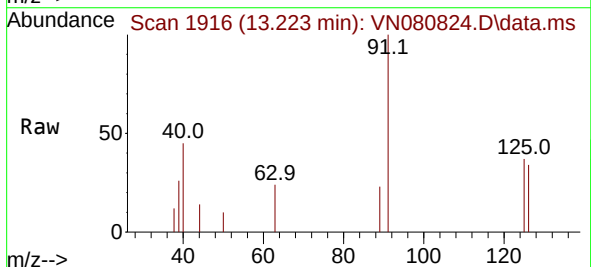
Manual Integrations
APPROVED

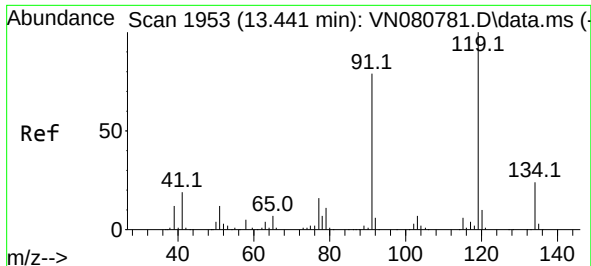
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#82
4-Chlorotoluene
Concen: 0.716 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

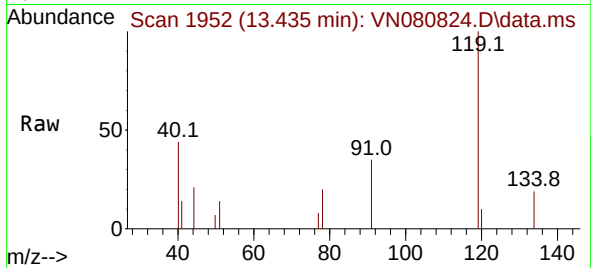
Tgt Ion: 91 Resp: 3064
Ion Ratio Lower Upper
91 100
126 32.0 15.3 45.9





#83
tert-Butylbenzene
Concen: 0.905 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

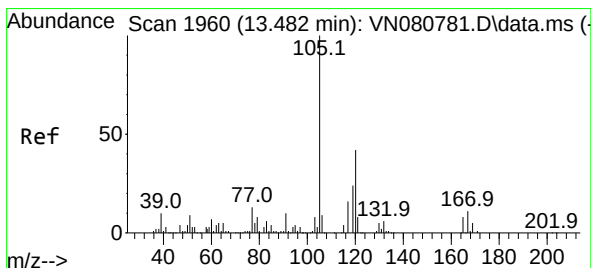
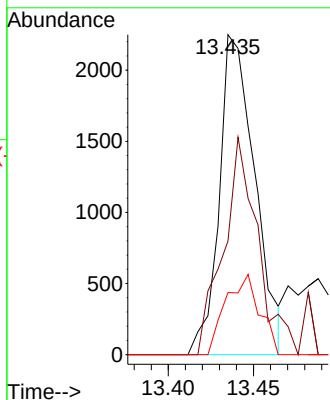
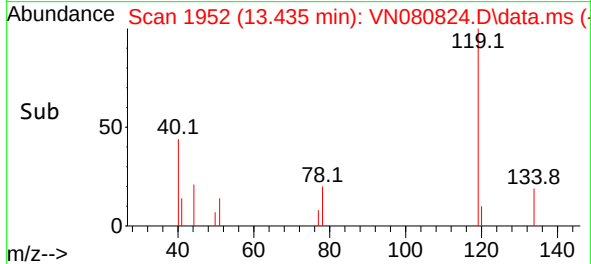
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:119 Resp: 3274
Ion Ratio Lower Upper
119 100
91 65.8 36.8 110.4
134 23.9 12.4 37.4

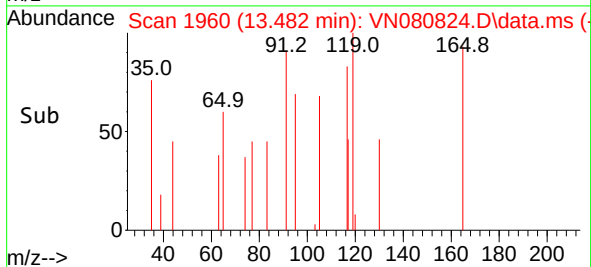
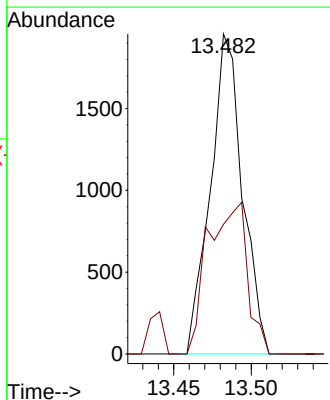
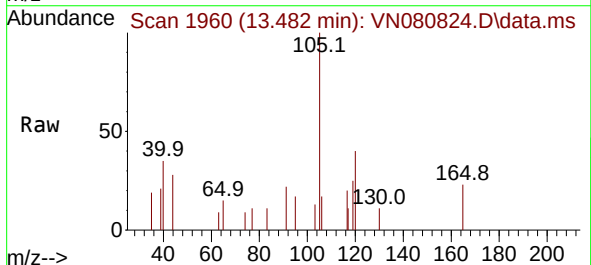
Manual Integrations
APPROVED

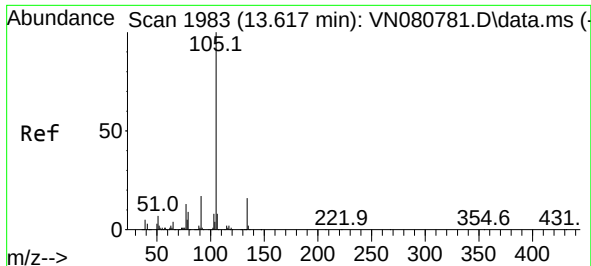
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.613 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

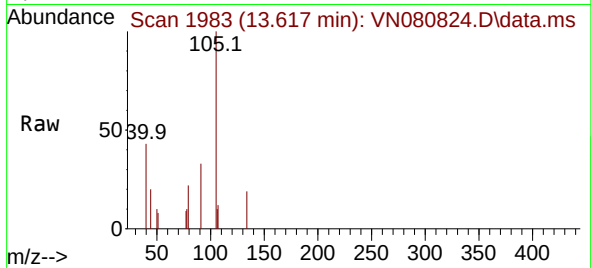
Tgt Ion:105 Resp: 2814
Ion Ratio Lower Upper
105 100
120 58.1 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 0.580 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

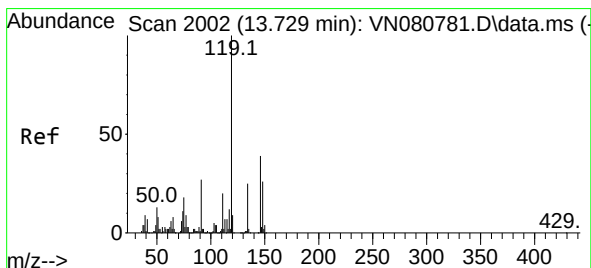
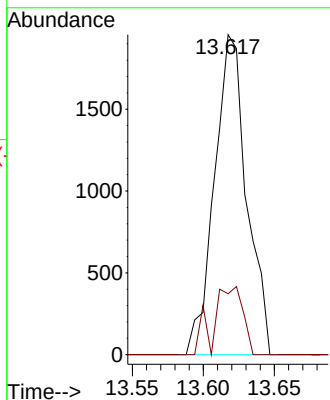
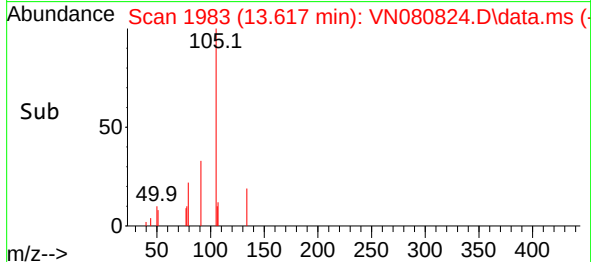
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:105 Resp: 3092
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8

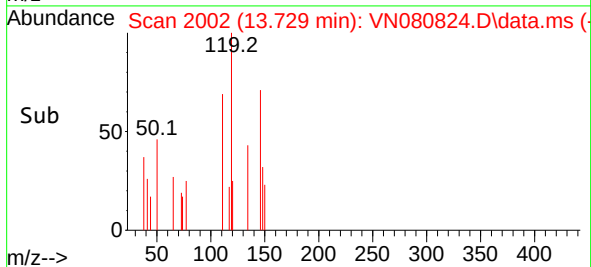
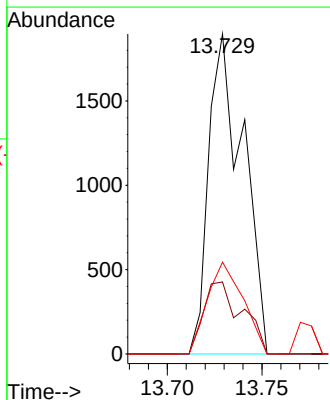
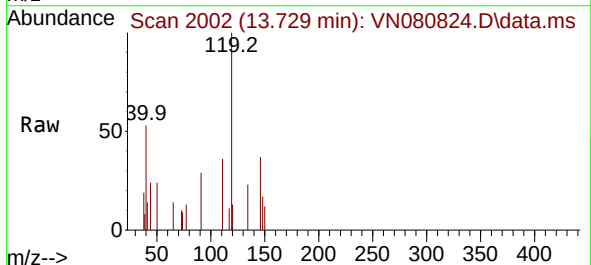
Manual Integrations
 APPROVED

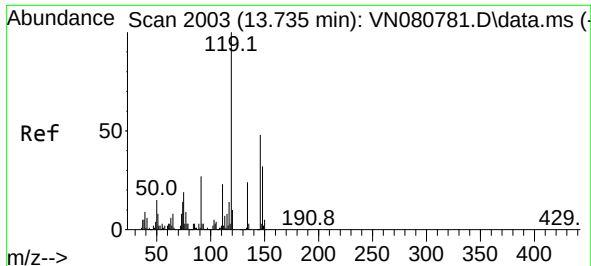
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024



#86
 p-Isopropyltoluene
 Concen: 0.578 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

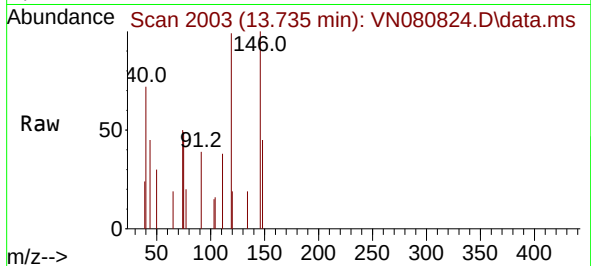
Tgt Ion:119 Resp: 2397
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.4 37.2
 91 29.9 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 0.614 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

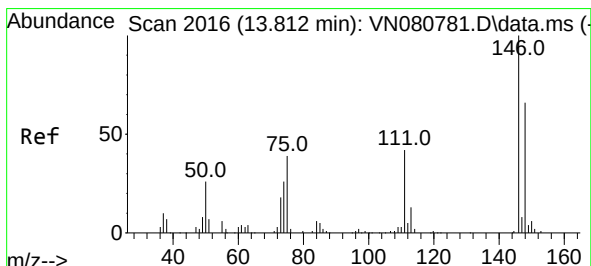
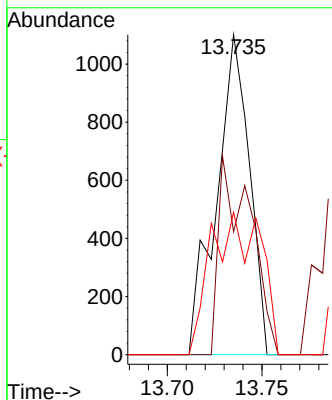
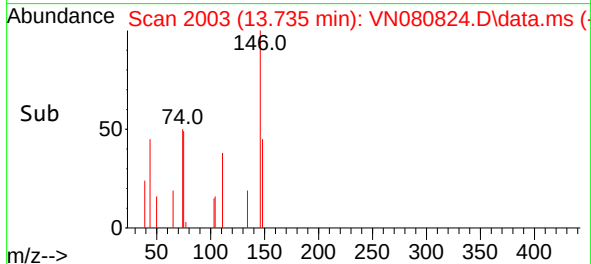
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:146 Resp: 1330
Ion Ratio Lower Upper
146 100
111 59.9 23.9 71.7
148 67.0 32.6 97.7

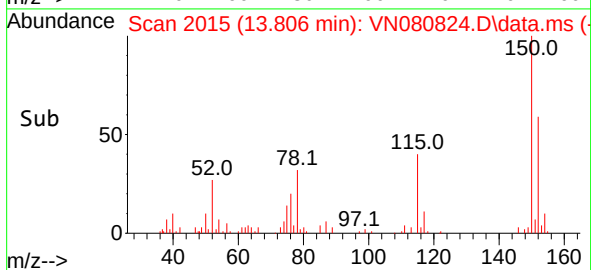
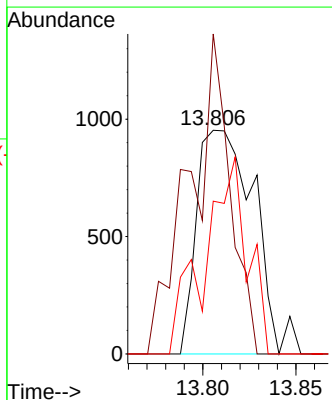
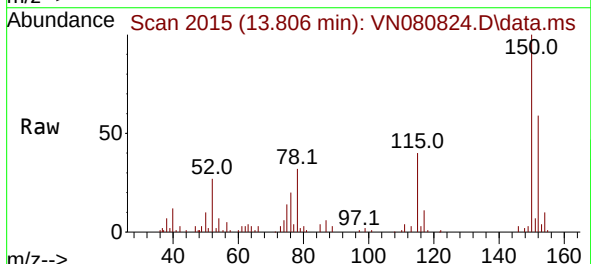
Manual Integrations
APPROVED

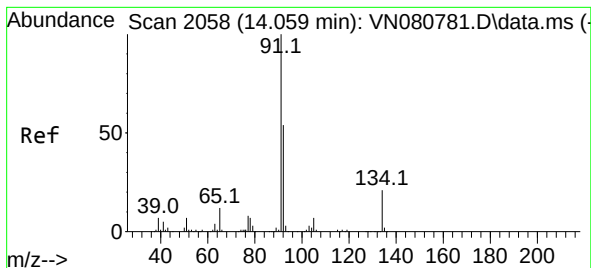
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#88
1,4-Dichlorobenzene
Concen: 0.913 ug/l m
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:146 Resp: 1991
Ion Ratio Lower Upper
146 100
111 40.2 22.6 67.7
148 45.0 31.9 95.5





#89

n-Butylbenzene

Concen: 0.763 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

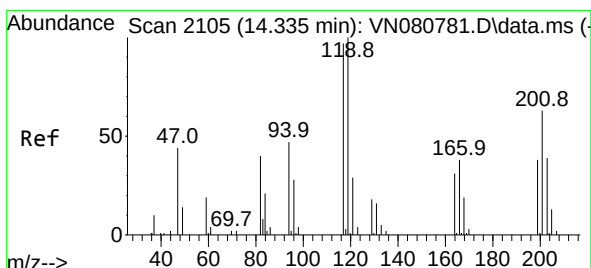
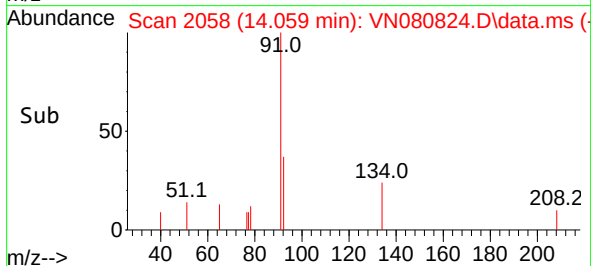
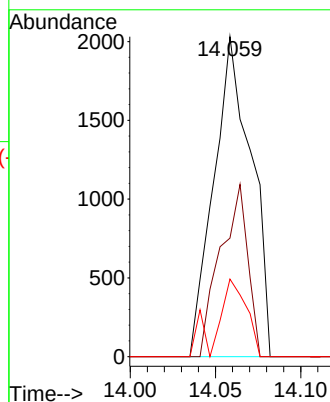
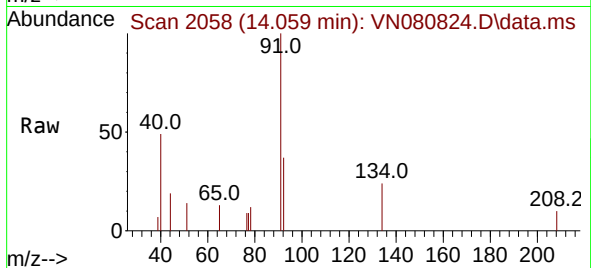
Tgt Ion: 91	Resp: 309
Ion Ratio	Lower Upper
91 100	
92 39.6	26.7 80.1
134 19.2	10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#90

Hexachloroethane

Concen: 0.244 ug/l

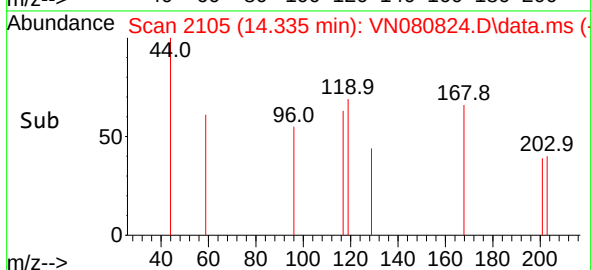
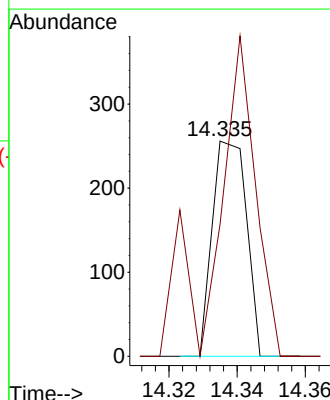
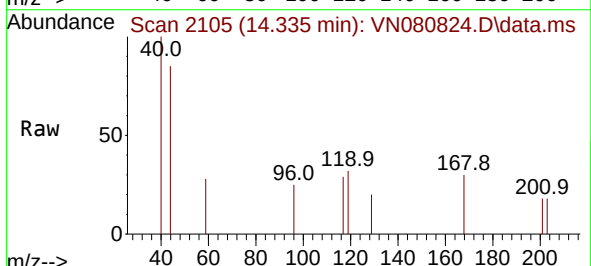
RT: 14.335 min Scan# 2105

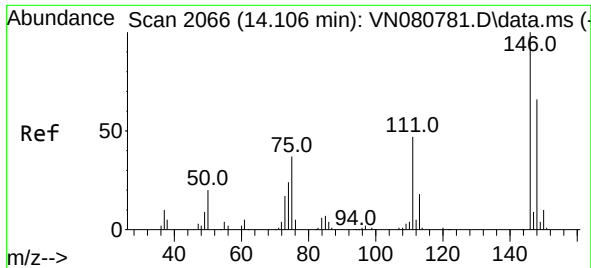
Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Tgt Ion: 117	Resp: 177
Ion Ratio	Lower Upper
117 100	
201 172.3	30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 0.751 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

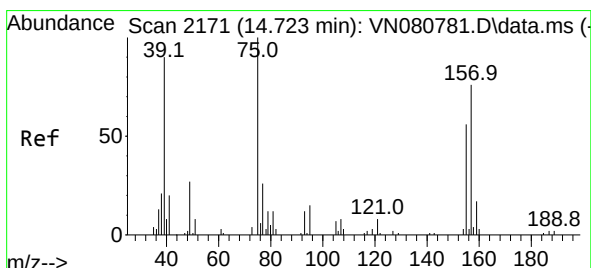
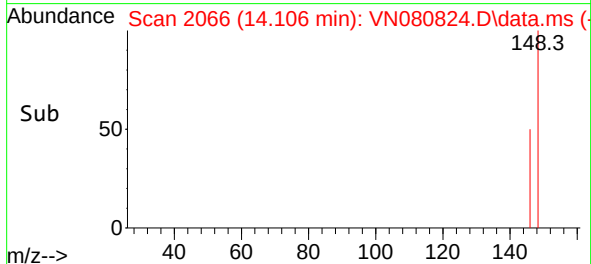
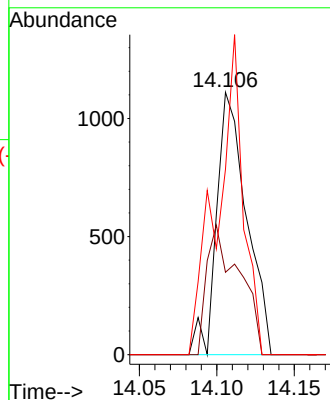
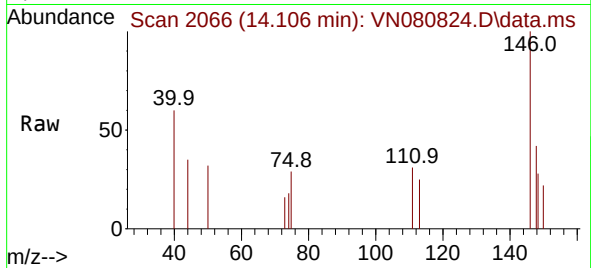
Tgt Ion:146	Resp:	1490
Ion Ratio	Lower	Upper
146	100	
111	53.3	23.9 71.8
148	106.1	31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.877 ug/l

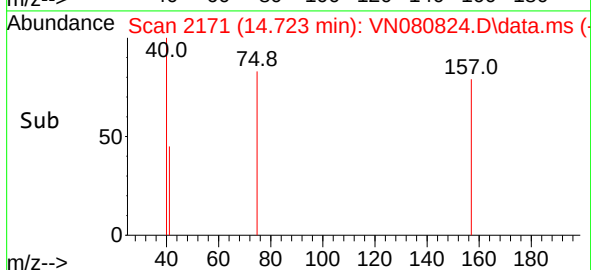
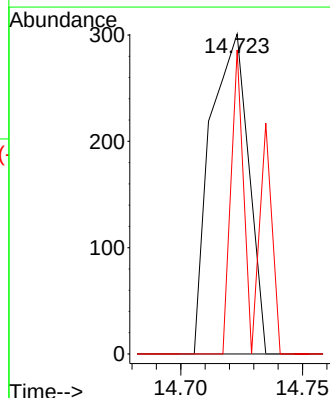
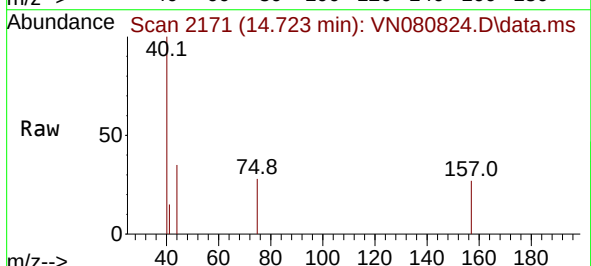
RT: 14.723 min Scan# 2171

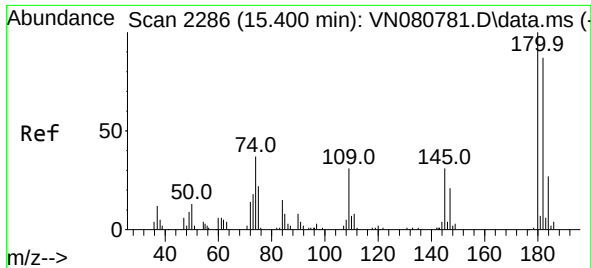
Delta R.T. -0.000 min

Lab File: VN080824.D

Acq: 30 Jan 2024 19:10

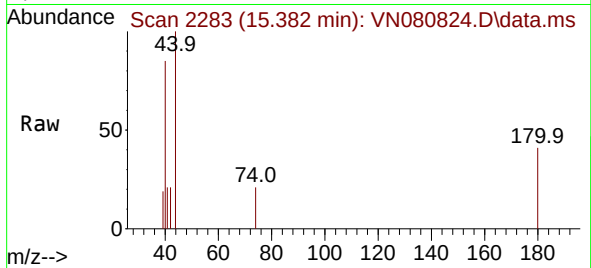
Tgt Ion: 75	Resp:	328
Ion Ratio	Lower	Upper
75	100	
155	0.0	31.8 95.4
157	54.3	41.1 123.4





#93
 1,2,4-Trichlorobenzene
 Concen: 0.628 ug/l
 RT: 15.382 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10

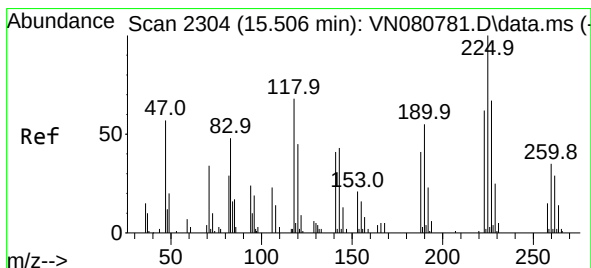
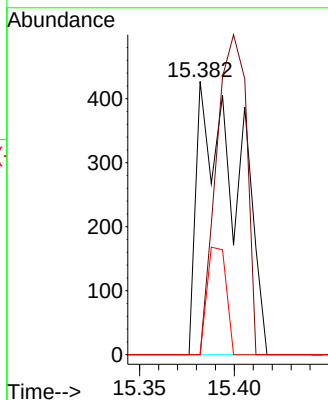
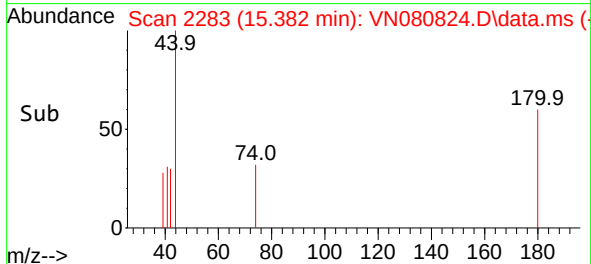
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024



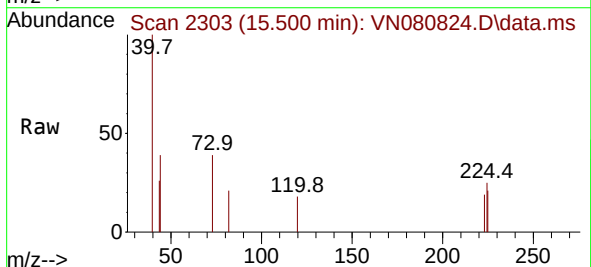
Tgt Ion:180 Resp: 644
 Ion Ratio Lower Upper
 180 100
 182 86.0 46.6 139.7
 145 18.2 16.8 50.3

Manual Integrations
 APPROVED

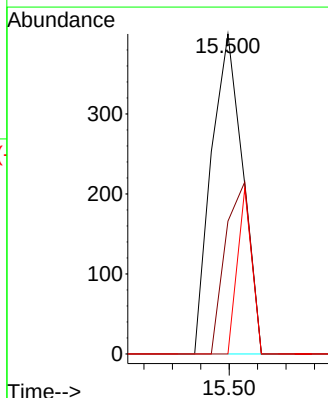
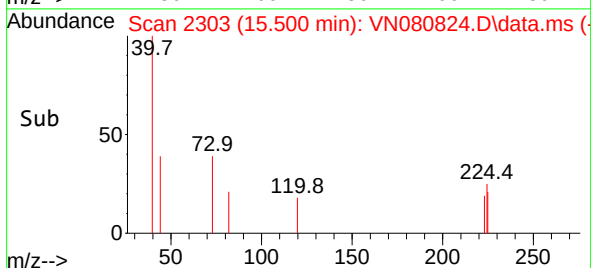
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

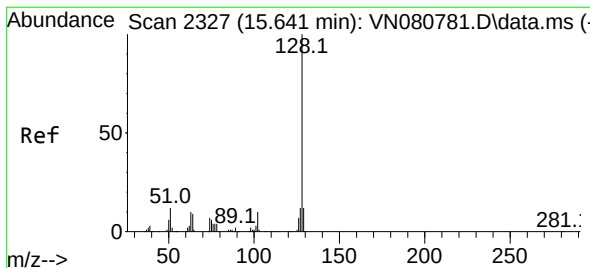


#94
 Hexachlorobutadiene
 Concen: 0.681 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN080824.D
 Acq: 30 Jan 2024 19:10



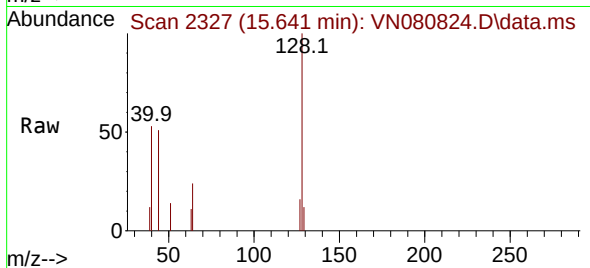
Tgt Ion:225 Resp: 305
 Ion Ratio Lower Upper
 225 100
 223 43.9 33.3 99.8
 227 23.9 33.1 99.2#





#95
Naphthalene
Concen: 0.633 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

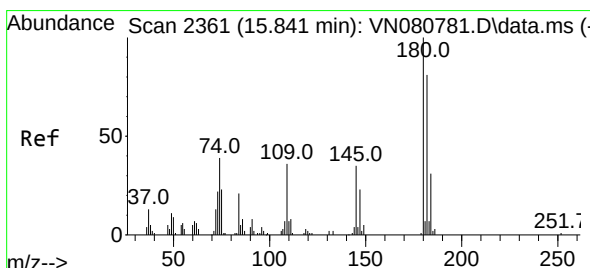
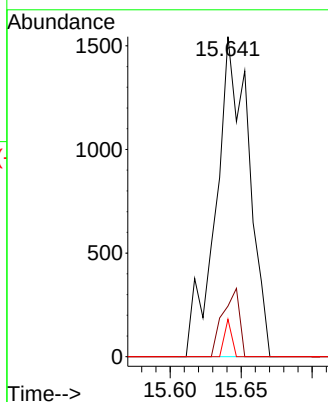
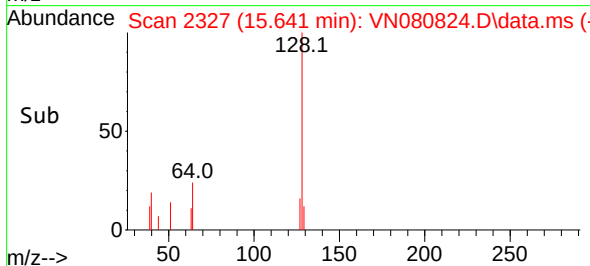
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:128 Resp: 2484
Ion Ratio Lower Upper
128 100
127 10.8 10.0 15.0
129 2.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.512 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN080824.D
Acq: 30 Jan 2024 19:10

Tgt Ion:180 Resp: 516
Ion Ratio Lower Upper
180 100
182 163.6 46.5 139.3#
145 0.0 17.8 53.4#

