

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082157.D
 Acq On : 16 May 2024 13:19
 Operator : JC\MD
 Sample : P2403-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: May 17 04:11:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	174120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143969	52.364	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.720%	
35) Dibromofluoromethane	8.165	113	94456	50.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.700%	
50) Toluene-d8	10.565	98	350270	48.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	12.853	95	112231	43.719	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 87.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	1609	0.641	ug/l	92
3) Chloromethane	2.365	50	2453	0.862	ug/l	96
4) Vinyl Chloride	2.512	62	1657	0.620	ug/l	96
5) Bromomethane	2.965	94	1765	1.148	ug/l	90
6) Chloroethane	3.124	64	1472	0.843	ug/l	89
7) Trichlorofluoromethane	3.500	101	2548	0.728	ug/l	99
8) Diethyl Ether	3.971	74	772	0.619	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	4.371	101	1534	0.750	ug/l #	83
10) Methyl Iodide	4.583	142	1151	0.560	ug/l #	84
11) Tert butyl alcohol	5.506	59	689	1.561	ug/l #	92
12) 1,1-Dichloroethene	4.341	96	1419	0.746	ug/l	93
13) Acrolein	4.183	56	955	2.920	ug/l #	68
14) Allyl chloride	5.024	41	2819	0.692	ug/l #	84
15) Acrylonitrile	5.718	53	4074	3.564	ug/l #	86
16) Acetone	4.436	43	4219	3.741	ug/l #	78
17) Carbon Disulfide	4.706	76	4669	0.760	ug/l #	74
18) Methyl Acetate	5.041	43	2152	0.766	ug/l #	52
19) Methyl tert-butyl Ether	5.794	73	5157	0.742	ug/l	92
20) Methylene Chloride	5.277	84	1392	0.612	ug/l #	73
21) trans-1,2-Dichloroethene	5.783	96	1339	0.646	ug/l	98
22) Diisopropyl ether	6.677	45	5448	0.641	ug/l #	81
23) Vinyl Acetate	6.600	43	20551	3.066	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	3176	0.725	ug/l #	81
25) 2-Butanone	7.482	43	5735	3.354	ug/l	95
26) 2,2-Dichloropropane	7.482	77	2481	0.676	ug/l #	74
27) cis-1,2-Dichloroethene	7.494	96	1768	0.723	ug/l	78
28) Bromochloromethane	7.806	49	1532	0.750	ug/l #	62
29) Tetrahydrofuran	7.847	42	3744	3.410	ug/l #	75
30) Chloroform	7.965	83	3087	0.738	ug/l	98
31) Cyclohexane	8.229	56	7585	1.727	ug/l #	35
32) 1,1,1-Trichloroethane	8.171	97	2765	0.745	ug/l #	51
36) 1,1-Dichloropropene	8.382	75	2046	0.650	ug/l #	41
37) Ethyl Acetate	7.565	43	2514	0.714	ug/l #	71
38) Carbon Tetrachloride	8.365	117	2267	0.711	ug/l #	73
39) Methylcyclohexane	9.600	83	1879	0.545	ug/l #	75
40) Benzene	8.606	78	6242	0.665	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	1356	0.655	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	2523	0.699	ug/l #	73
43) Isopropyl Acetate	8.688	43	3849	0.617	ug/l #	60
44) Trichloroethene	9.347	130	1629	0.764	ug/l	87
45) 1,2-Dichloropropane	9.629	63	1687	0.697	ug/l	90
46) Dibromomethane	9.712	93	1186	0.746	ug/l #	78
47) Bromodichloromethane	9.888	83	2147	0.640	ug/l #	96
48) Methyl methacrylate	9.676	41	2019	0.679	ug/l #	75
49) 1,4-Dioxane	9.700	88	582	13.971	ug/l #	64
51) 4-Methyl-2-Pentanone	10.447	43	11450	3.230	ug/l #	86
52) Toluene	10.629	92	3932	0.698	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	2286	0.659	ug/l #	83
54) cis-1,3-Dichloropropene	10.312	75	2536	0.690	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	1481	0.724	ug/l #	81
56) Ethyl methacrylate	10.876	69	1951	0.562	ug/l #	54
57) 1,3-Dichloropropane	11.170	76	2735	0.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	5637	3.146	ug/l	91
59) 2-Hexanone	11.200	43	8115	3.126	ug/l	87
60) Dibromochloromethane	11.359	129	1449	0.642	ug/l	91
61) 1,2-Dibromoethane	11.465	107	1418	0.675	ug/l #	77
64) Tetrachloroethene	11.106	164	1507	0.767	ug/l #	89
65) Chlorobenzene	11.894	112	4203	0.718	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	1116	0.579	ug/l #	57
67) Ethyl Benzene	11.965	91	6407	0.612	ug/l	97
68) m/p-Xylenes	12.070	106	4809	1.253	ug/l	91
69) o-Xylene	12.400	106	2403	0.646	ug/l	94
70) Styrene	12.412	104	3312	0.536	ug/l	96
71) Bromoform	12.576	173	795	0.574	ug/l #	99
73) Isopropylbenzene	12.694	105	6080	0.710	ug/l	98
74) N-amyl acetate	12.500	43	3059	0.649	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	2186	0.885	ug/l #	77
76) 1,2,3-Trichloropropane	12.994	75	2717	1.197	ug/l	60
77) Bromobenzene	12.982	156	1833	0.898	ug/l	84
78) n-propylbenzene	13.035	91	6783	0.668	ug/l	89
79) 2-Chlorotoluene	13.129	91	4463	0.700	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	4290	0.619	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	66967	68.995	ug/l #	12
82) 4-Chlorotoluene	13.223	91	4281	0.687	ug/l	87
83) tert-Butylbenzene	13.441	119	4060	0.670	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	4310	0.608	ug/l	91
85) sec-Butylbenzene	13.617	105	5443	0.648	ug/l	99
86) p-Isopropyltoluene	13.729	119	3832	0.561	ug/l #	88
87) 1,3-Dichlorobenzene	13.729	146	2571	0.695	ug/l	92
88) 1,4-Dichlorobenzene	13.729	146	2571	0.681	ug/l	91
89) n-Butylbenzene	14.053	91	3663	0.597	ug/l	92
90) Hexachloroethane	14.335	117	841	0.665	ug/l	78
91) 1,2-Dichlorobenzene	14.111	146	2423	0.692	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.723	75	172	0.339	ug/l #	55
93) 1,2,4-Trichlorobenzene	15.388	180	1227	0.625	ug/l	92
94) Hexachlorobutadiene	15.500	225	616	0.715	ug/l	79
95) Naphthalene	15.641	128	3336	0.542	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.847	180	1152	0.586	ug/l	82

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ClientSampleId :
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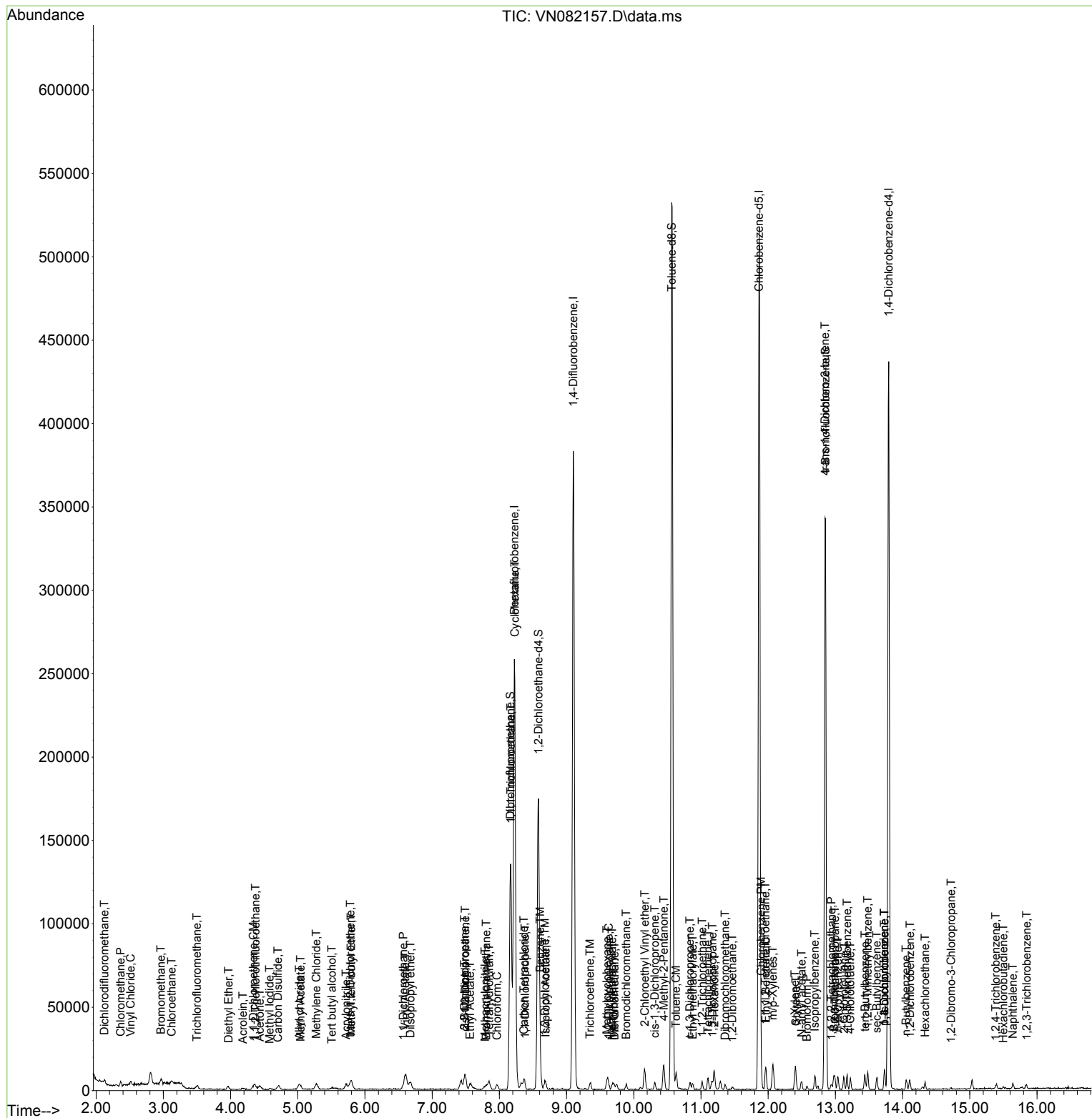
Quant Time: May 17 04:11:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 04:08:43 2024
Response via : Initial Calibration

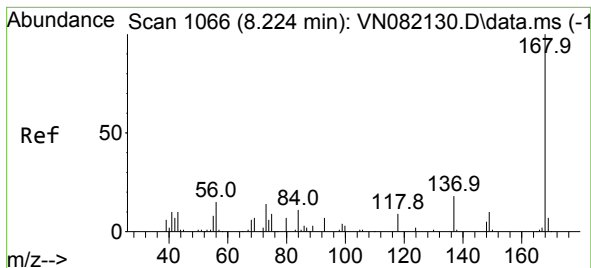
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-OT2-2024

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-OT2-2024





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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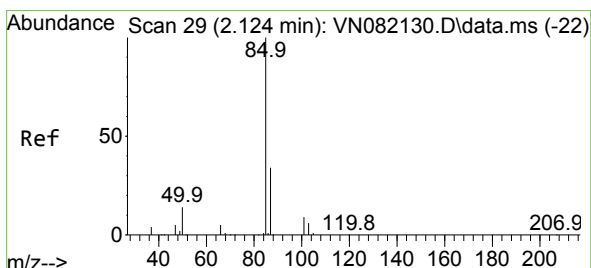
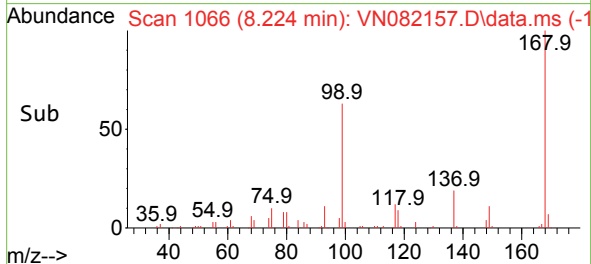
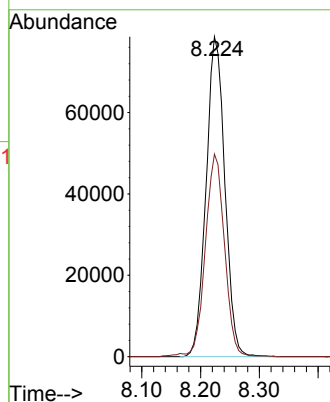
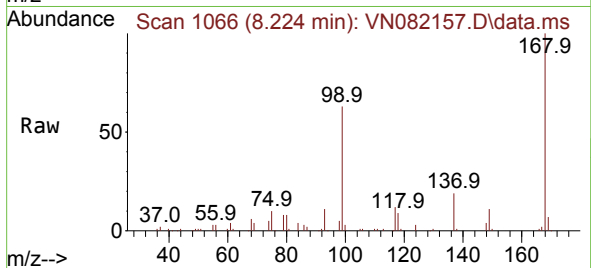
MDL-WATER-03-QT2-2024

Tgt Ion:168 Resp: 174120

Ion Ratio Lower Upper

168 100

99 63.3 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 0.641 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082157.D

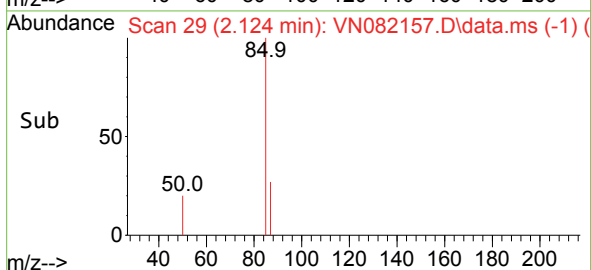
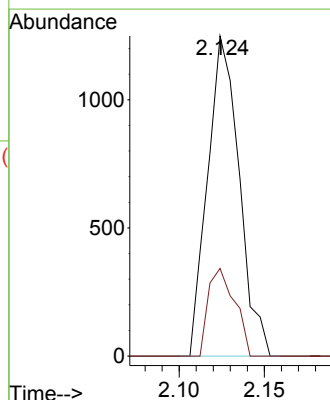
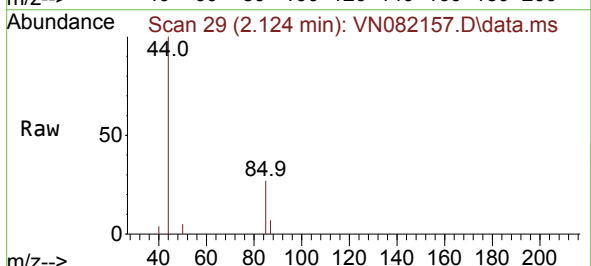
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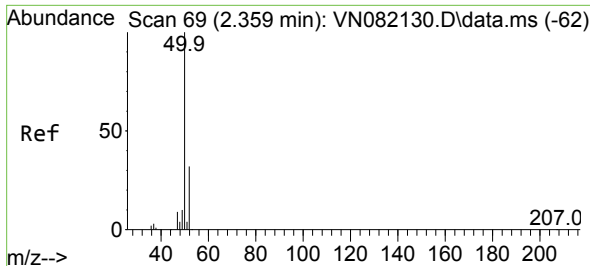
Tgt Ion: 85 Resp: 1609

Ion Ratio Lower Upper

85 100

87 27.4 15.8 47.4

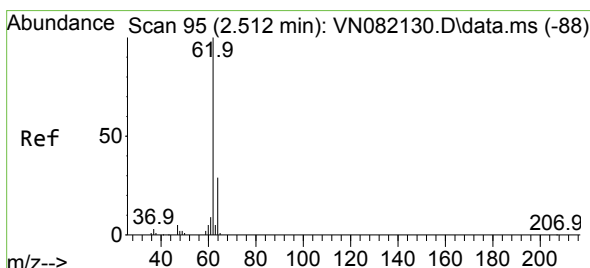
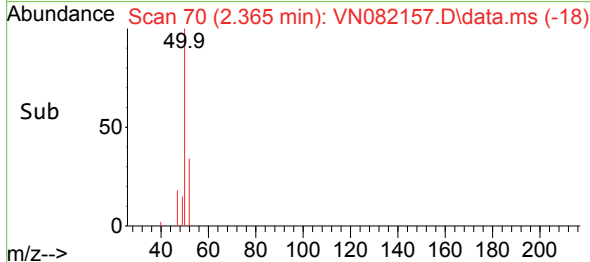
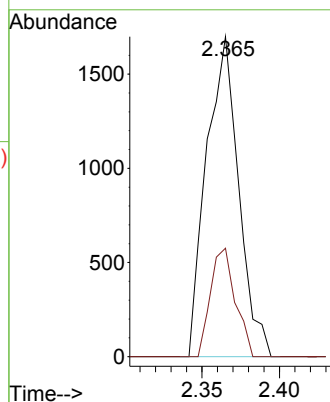
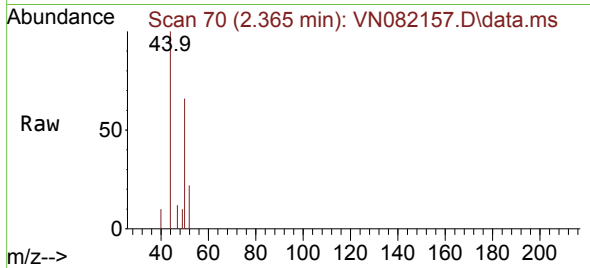




#3
Chloromethane
Concen: 0.862 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

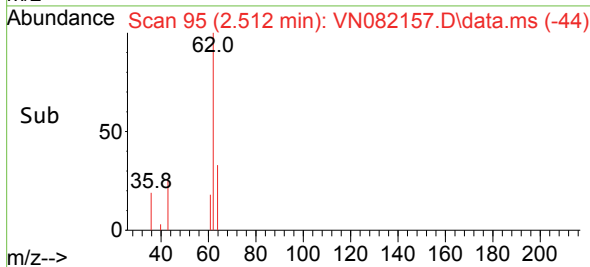
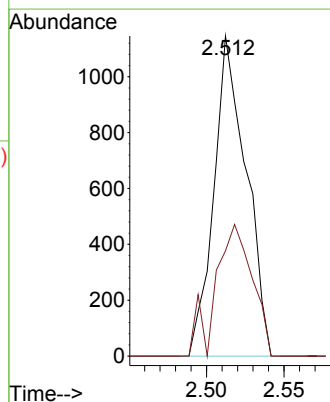
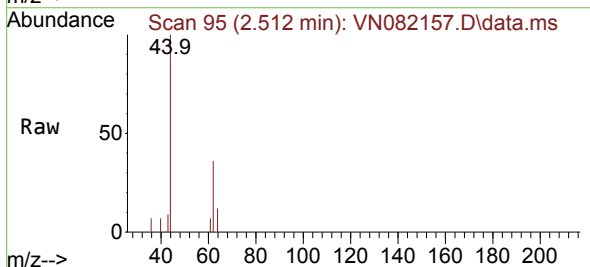
Instrument :
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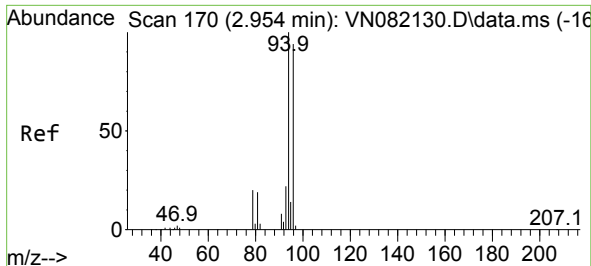
Tgt Ion: 50 Resp: 2453
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3



#4
Vinyl Chloride
Concen: 0.620 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 62 Resp: 1657
Ion Ratio Lower Upper
62 100
64 32.9 24.6 37.0

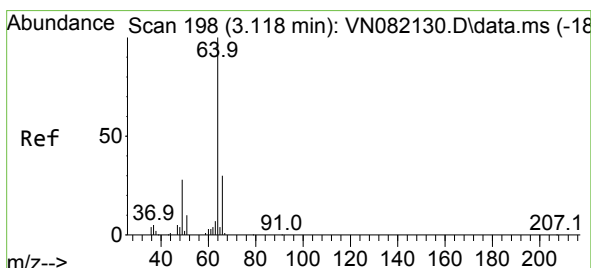
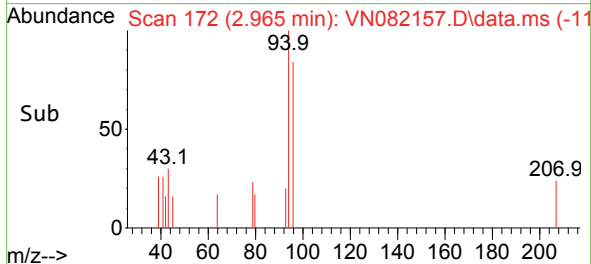
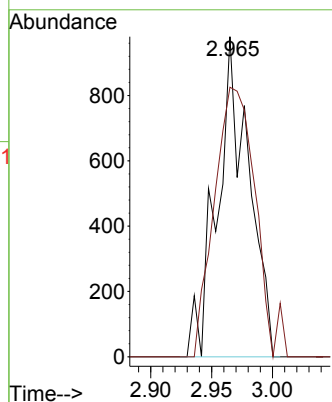
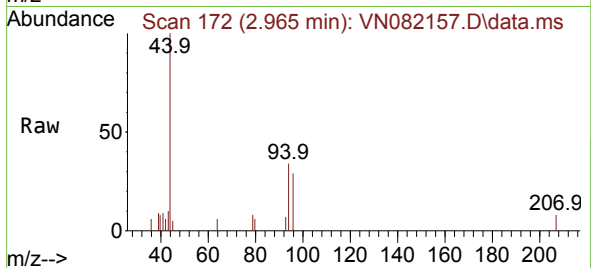




#5
Bromomethane
Concen: 1.148 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

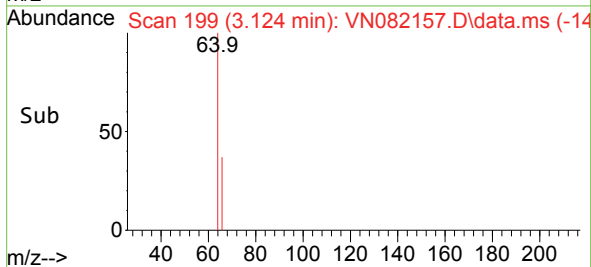
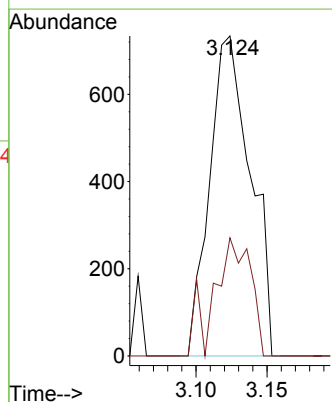
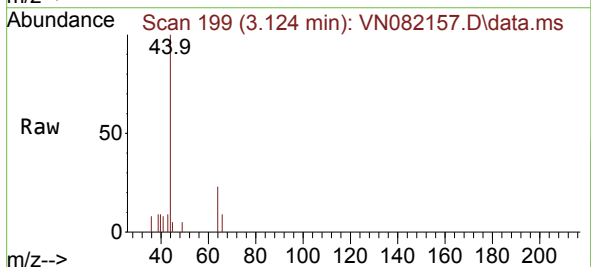
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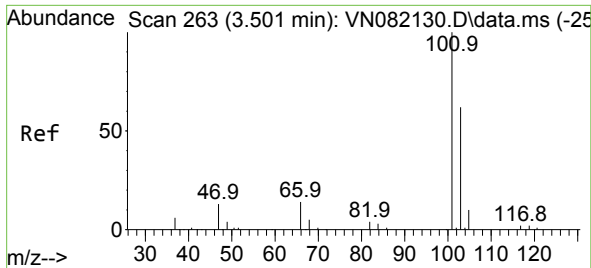
Tgt Ion: 94 Resp: 1765
Ion Ratio Lower Upper
94 100
96 84.2 74.8 112.2



#6
Chloroethane
Concen: 0.843 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 64 Resp: 1472
Ion Ratio Lower Upper
64 100
66 36.9 24.7 37.1

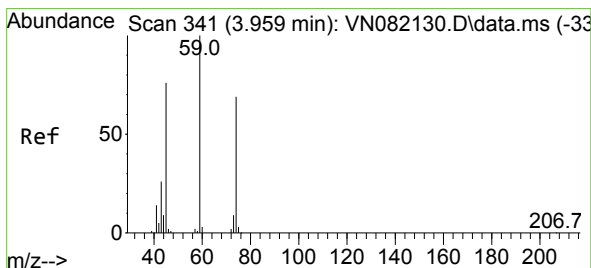
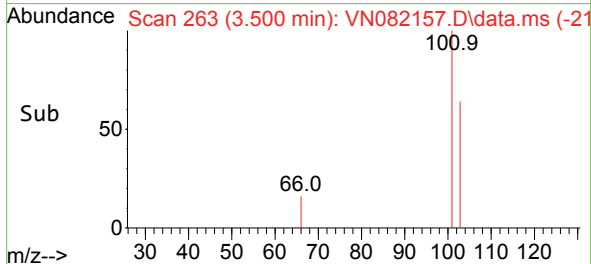
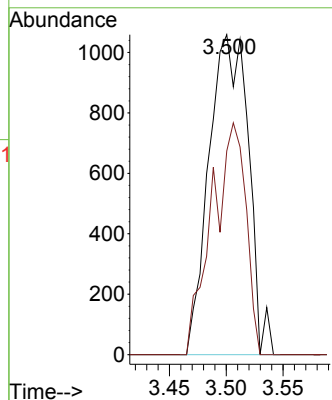
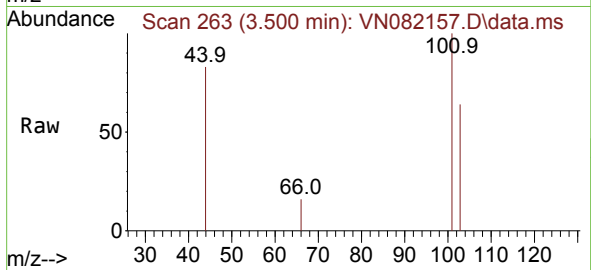




#7
 Trichlorofluoromethane
 Concen: 0.728 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN082157.D
 Acq: 16 May 2024 13:19

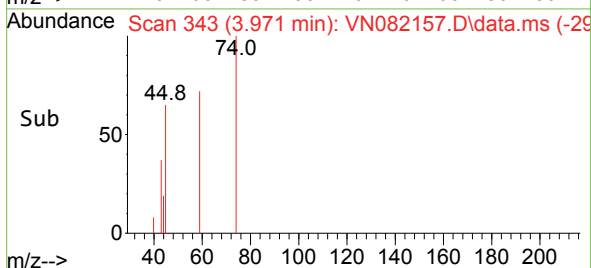
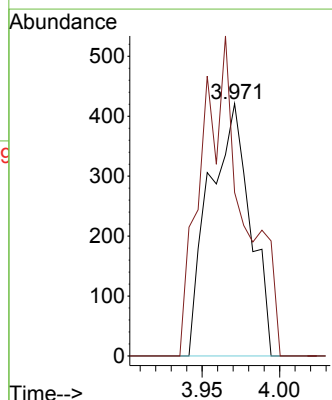
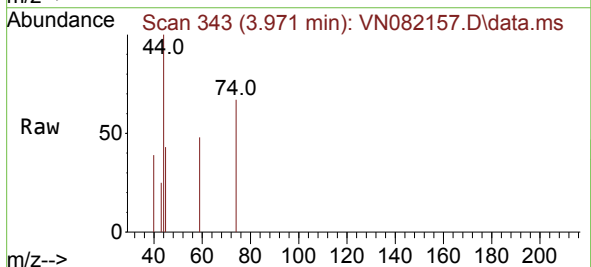
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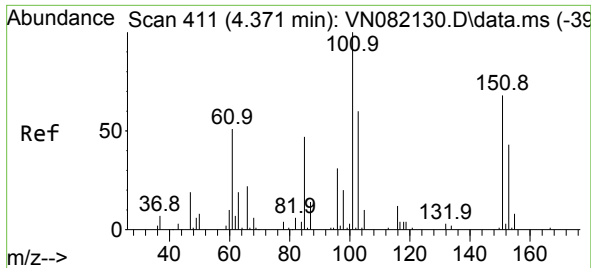
Tgt Ion:101 Resp: 2548
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.6 75.8



#8
 Diethyl Ether
 Concen: 0.619 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.012 min
 Lab File: VN082157.D
 Acq: 16 May 2024 13:19

Tgt Ion: 74 Resp: 772
 Ion Ratio Lower Upper
 74 100
 45 130.8 42.4 127.3#

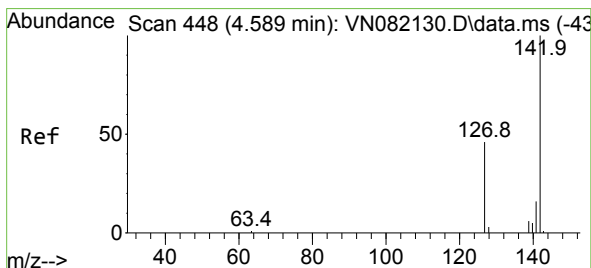
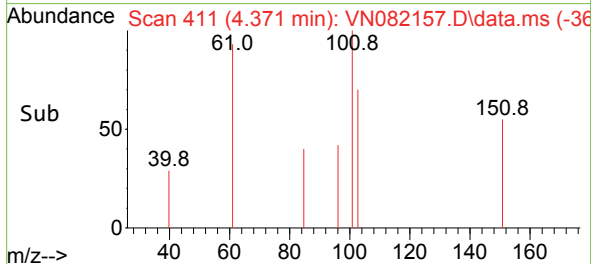
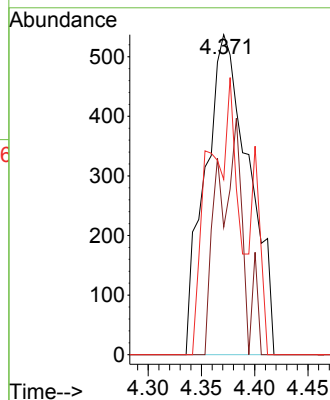
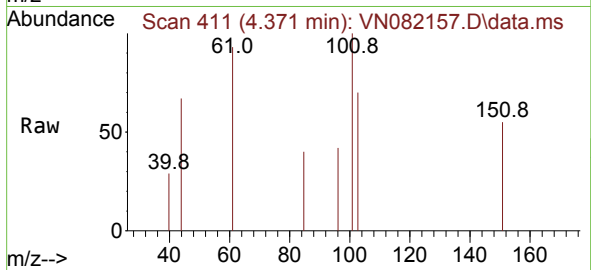




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.750 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

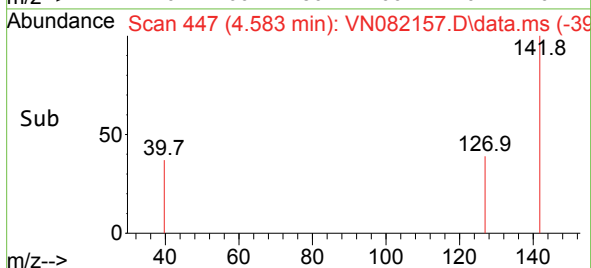
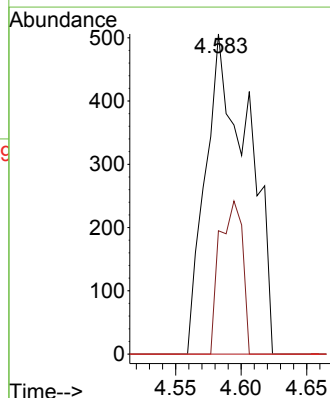
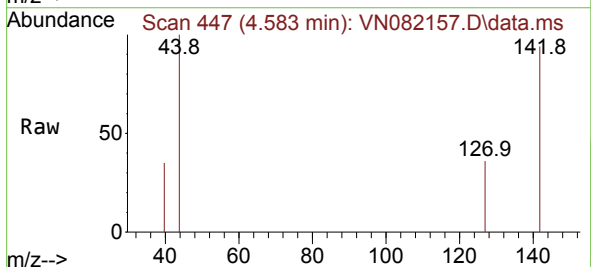
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

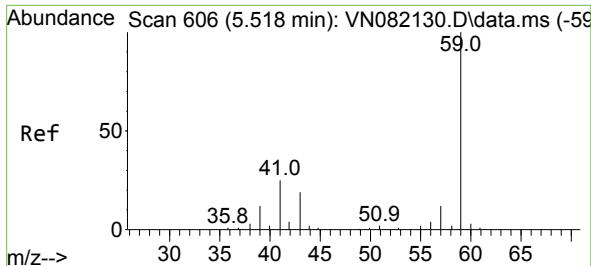
Tgt Ion:101	Resp:	1534
Ion	Ratio	Lower Upper
101	100	
85	41.9	37.3 55.9
151	54.6	59.2 88.8#



#10
Methyl Iodide
Concen: 0.560 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion:142	Resp:	1151
Ion	Ratio	Lower Upper
142	100	
127	38.5	35.8 53.6
141	0.0	11.4 17.2#

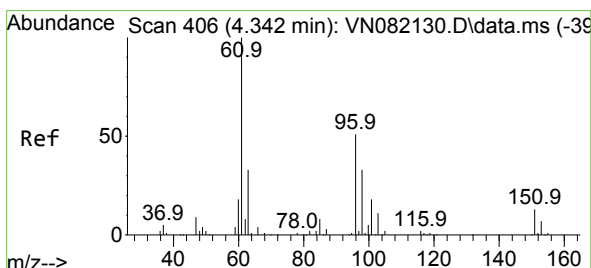
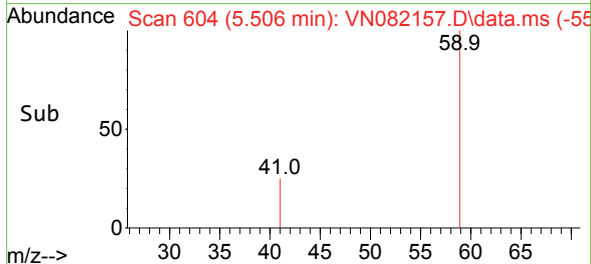
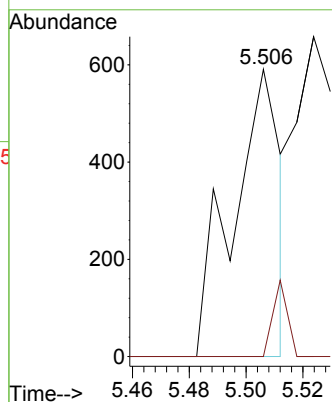
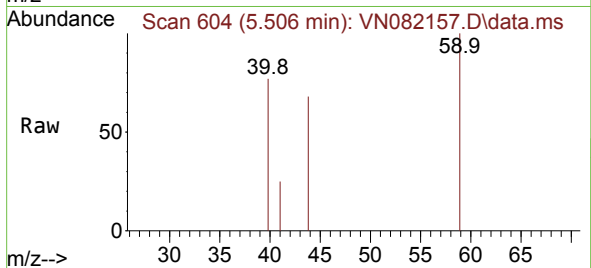




#11
Tert butyl alcohol
Concen: 1.561 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

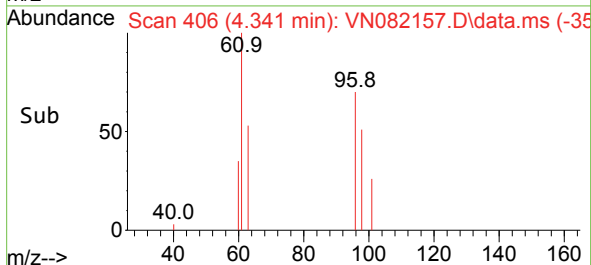
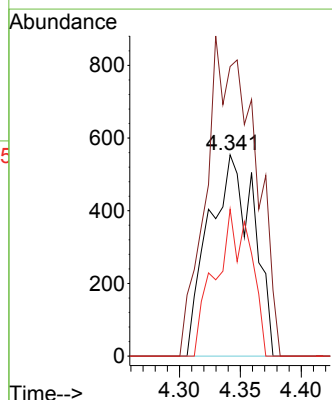
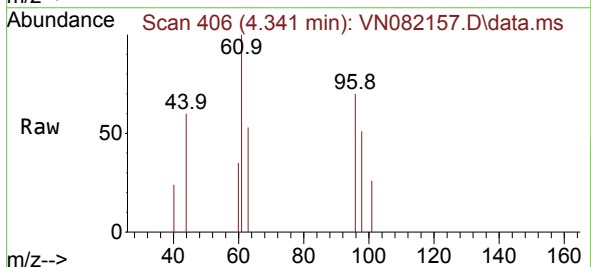
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

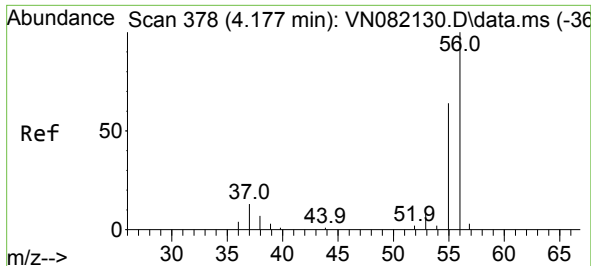
Tgt Ion: 59 Resp: 689
Ion Ratio Lower Upper
59 100
57 8.0 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 0.746 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 96 Resp: 1419
Ion Ratio Lower Upper
96 100
61 143.9 119.7 179.5
98 72.9 49.6 74.4

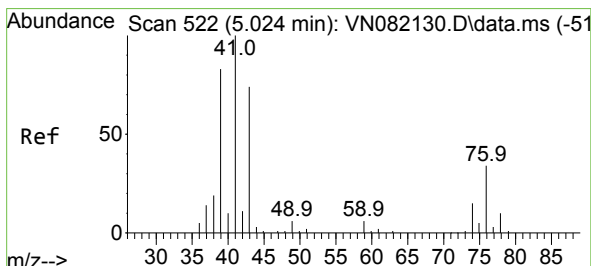
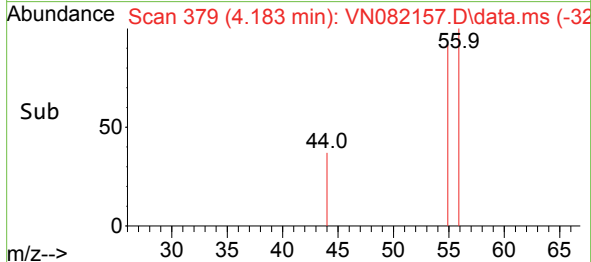
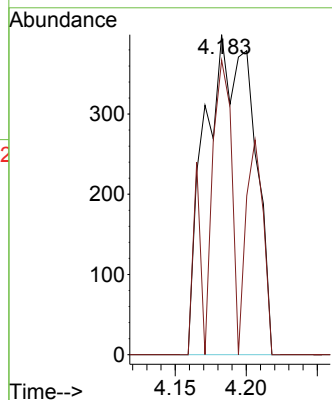
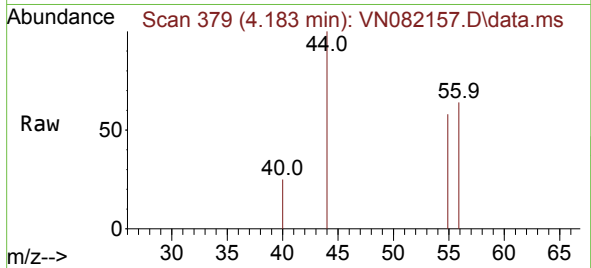




#13
Acrolein
Concen: 2.920 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

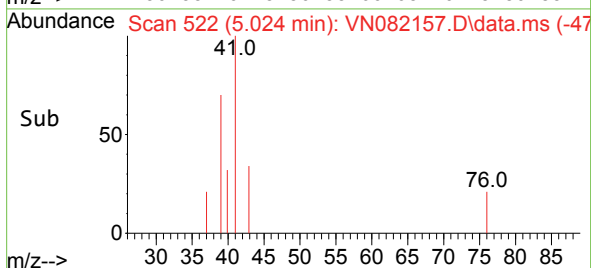
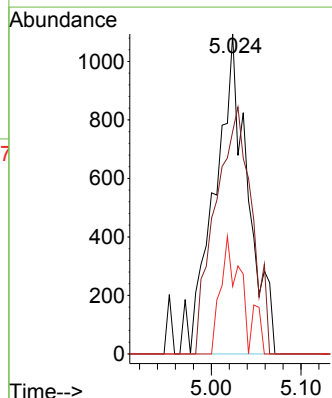
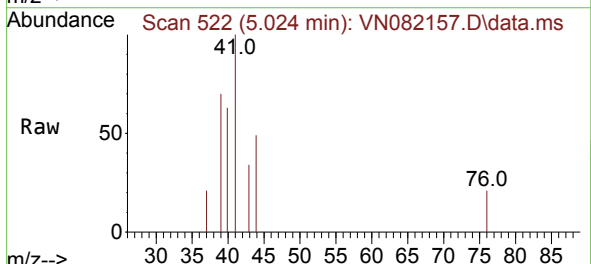
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

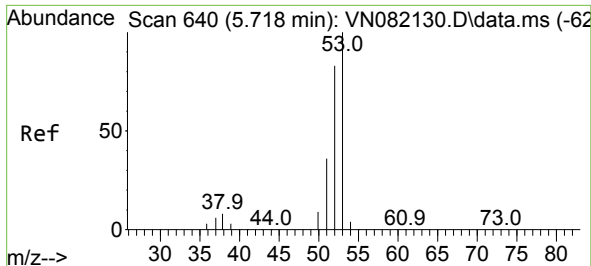
Tgt Ion: 56 Resp: 955
Ion Ratio Lower Upper
56 100
55 43.8 55.8 83.8#



#14
Allyl chloride
Concen: 0.692 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 41 Resp: 2819
Ion Ratio Lower Upper
41 100
39 83.7 65.4 98.0
76 20.3 37.3 55.9#

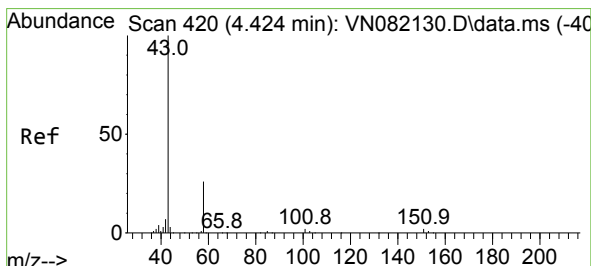
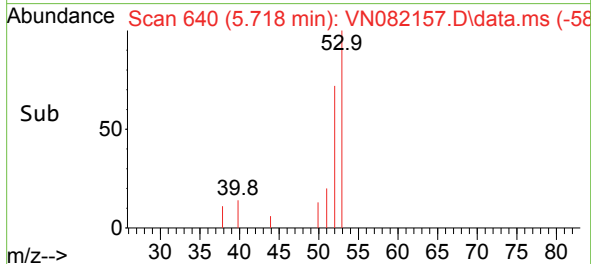
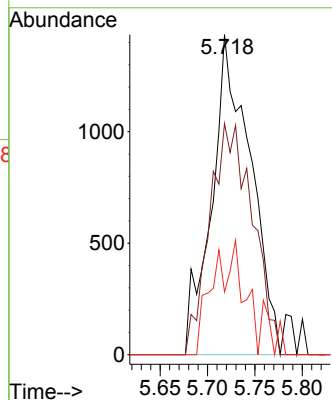
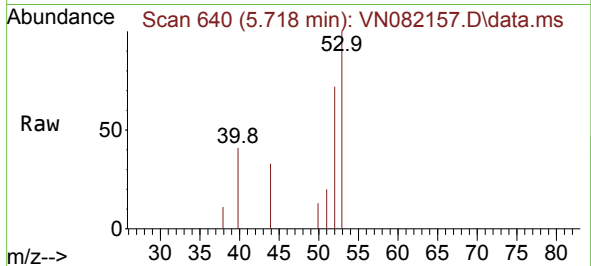




#15
Acrylonitrile
Concen: 3.564 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

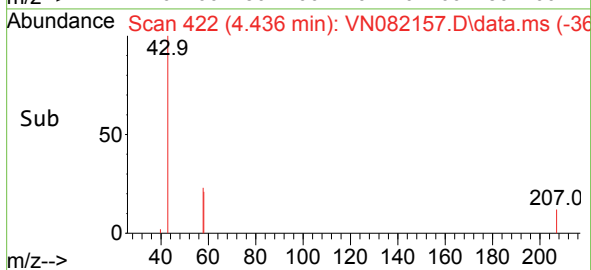
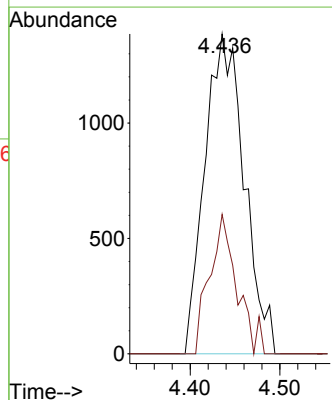
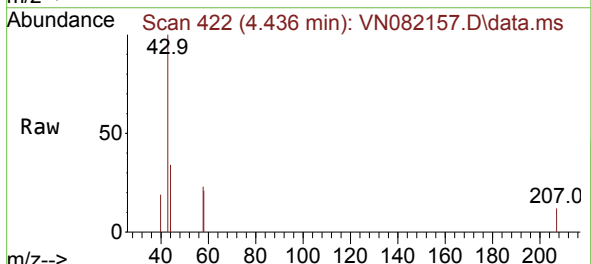
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

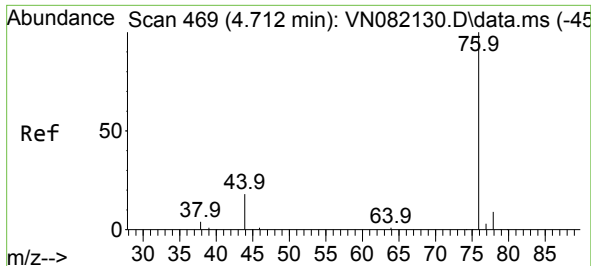
Tgt Ion: 53 Resp: 4074
Ion Ratio Lower Upper
53 100
52 80.2 66.1 99.1
51 13.8 29.4 44.2#



#16
Acetone
Concen: 3.741 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 43 Resp: 4219
Ion Ratio Lower Upper
43 100
58 43.6 25.2 37.8#

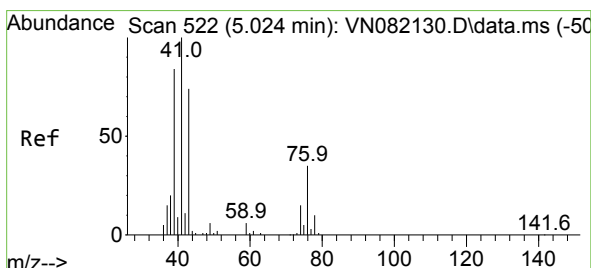
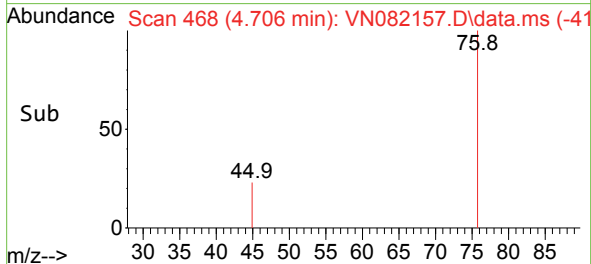
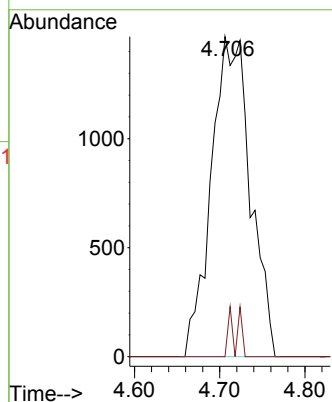
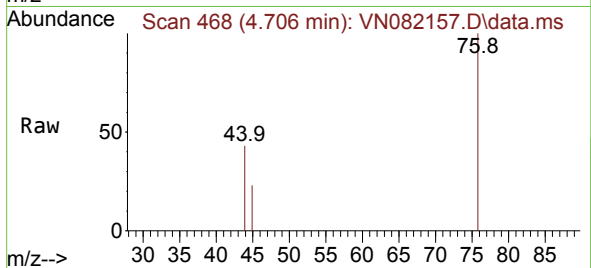




#17
Carbon Disulfide
Concen: 0.760 ug/l
RT: 4.706 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

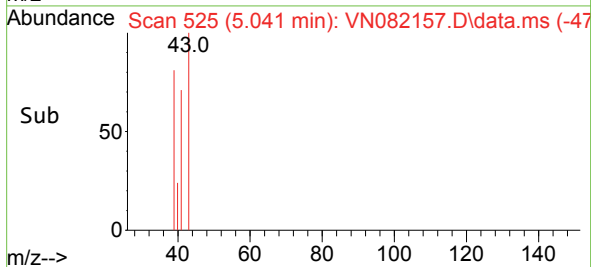
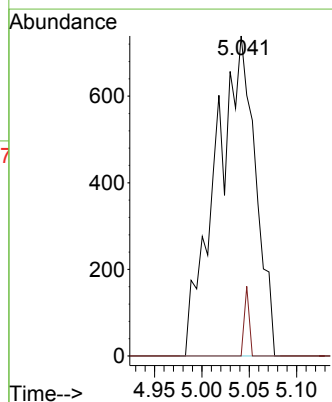
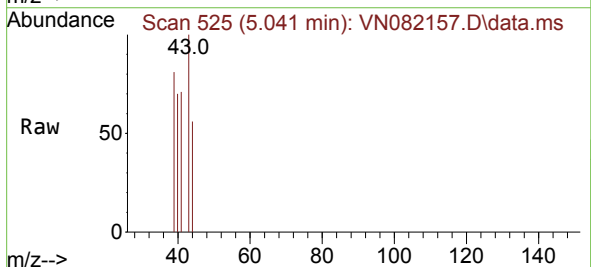
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

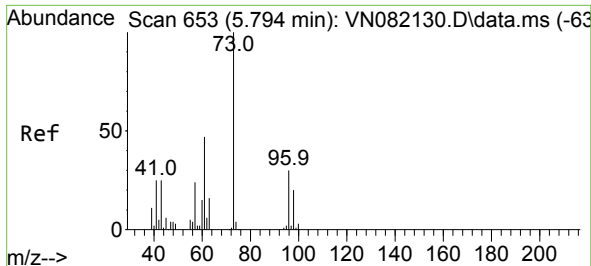
Tgt Ion: 76 Resp: 4669
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 0.766 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.017 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 43 Resp: 2152
Ion Ratio Lower Upper
43 100
74 2.6 22.2 33.2#

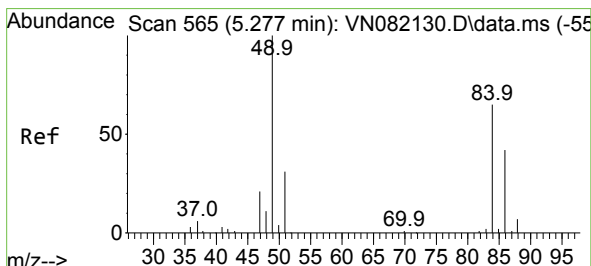
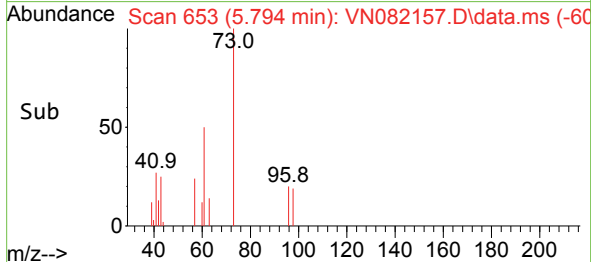
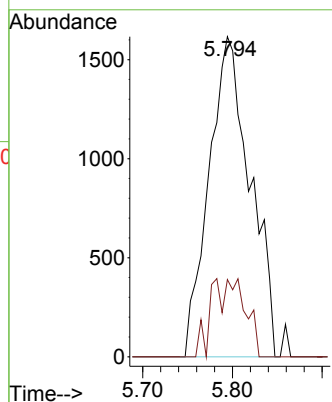
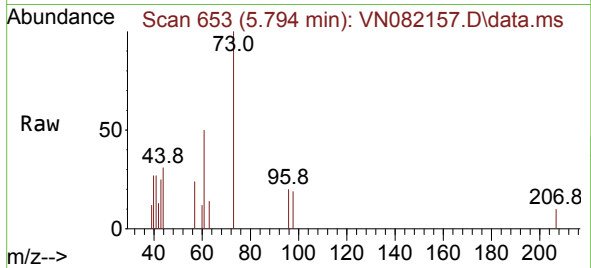




#19
Methyl tert-butyl Ether
Concen: 0.742 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

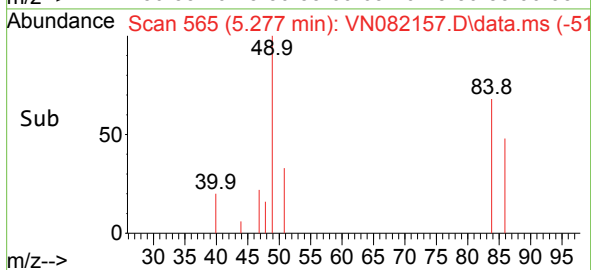
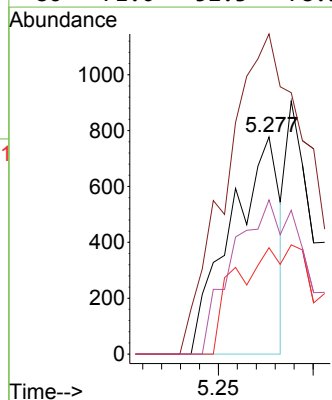
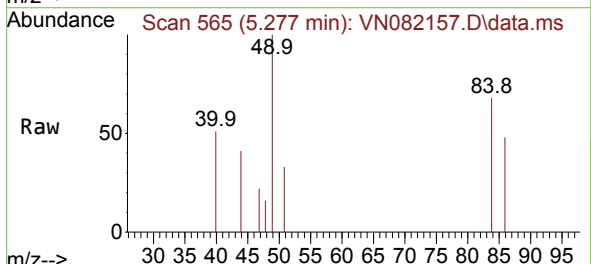
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

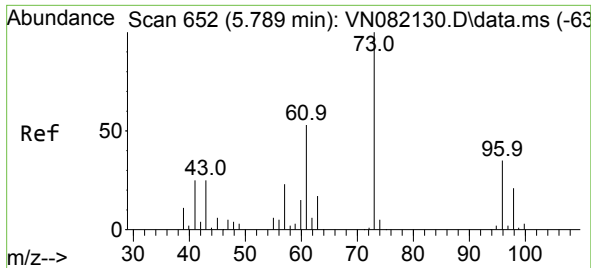
Tgt Ion: 73 Resp: 5157
Ion Ratio Lower Upper
73 100
57 24.1 16.5 24.7



#20
Methylene Chloride
Concen: 0.612 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 84 Resp: 1392
Ion Ratio Lower Upper
84 100
49 147.5 84.9 127.3#
51 49.0 27.0 40.6#
86 71.0 52.3 78.5

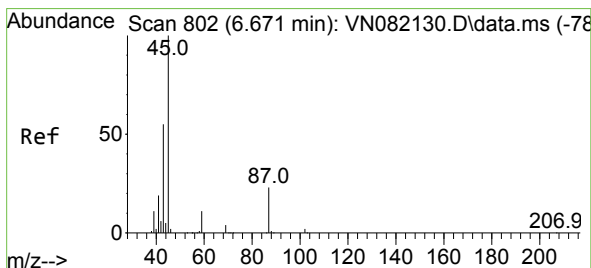
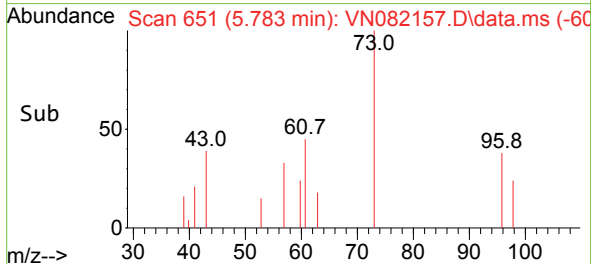
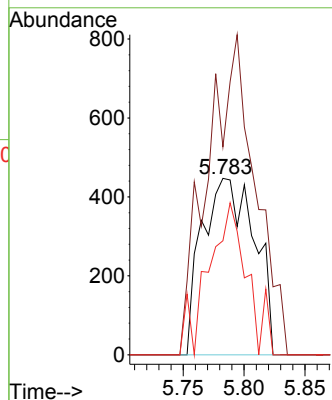
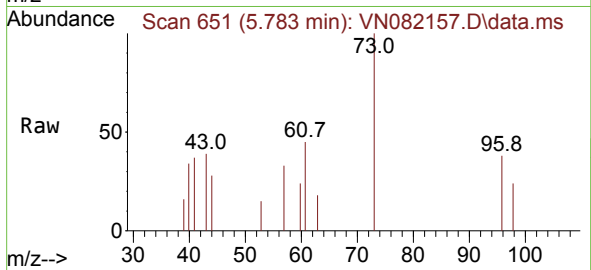




#21
trans-1,2-Dichloroethene
Concen: 0.646 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

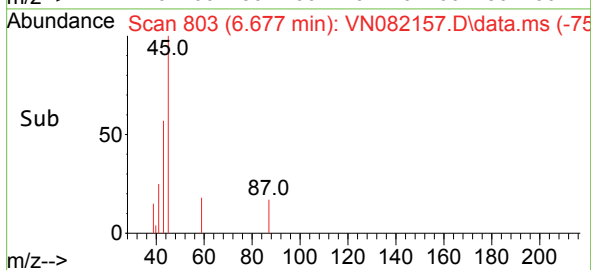
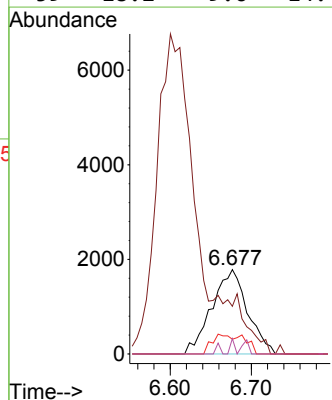
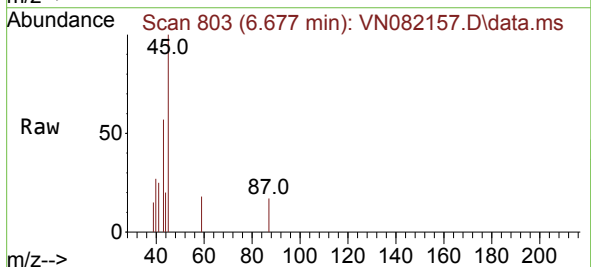
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

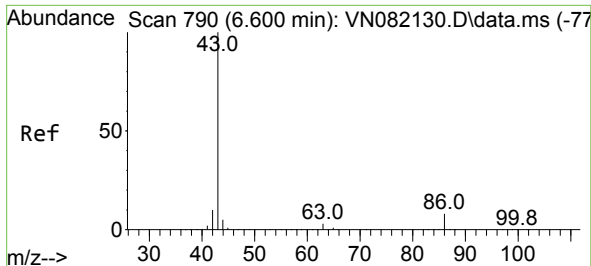
Tgt Ion: 96 Resp: 1339
Ion Ratio Lower Upper
96 100
61 117.9 96.5 144.7
98 64.7 51.3 76.9



#22
Diisopropyl ether
Concen: 0.641 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 45 Resp: 5448
Ion Ratio Lower Upper
45 100
43 45.7 44.1 66.1
87 17.5 27.0 40.6#
59 18.2 9.6 14.4#

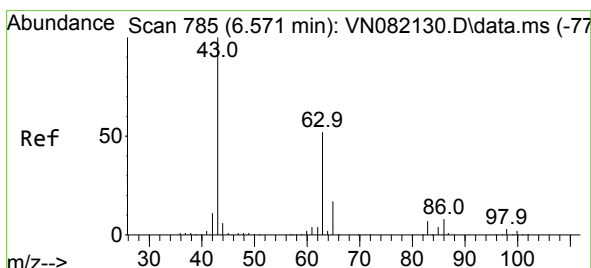
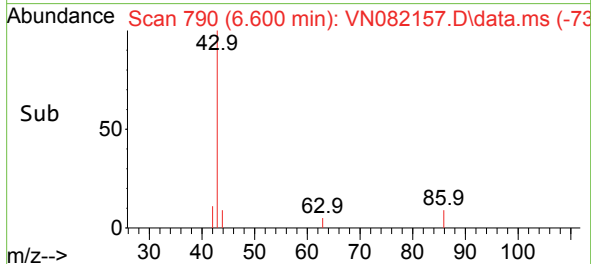
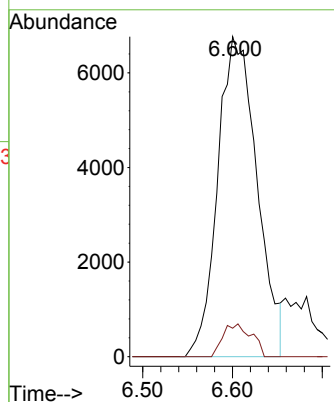
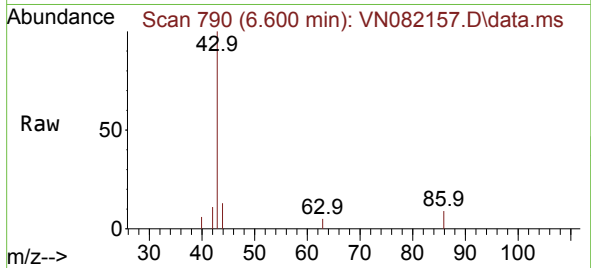




#23
 Vinyl Acetate
 Concen: 3.066 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082157.D
 Acq: 16 May 2024 13:19

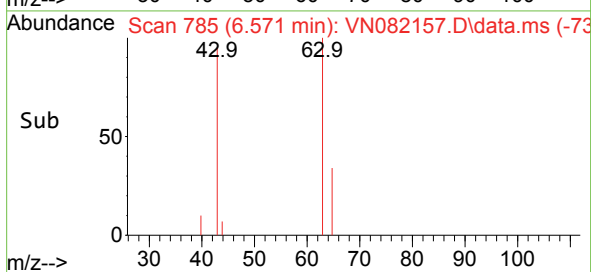
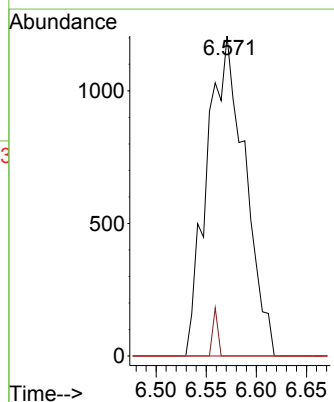
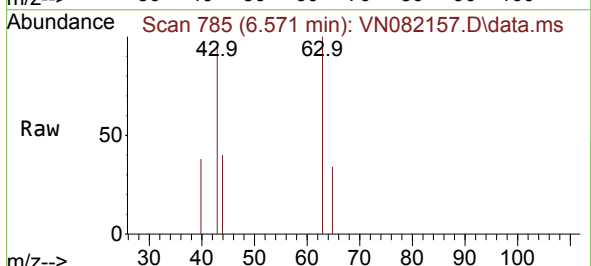
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

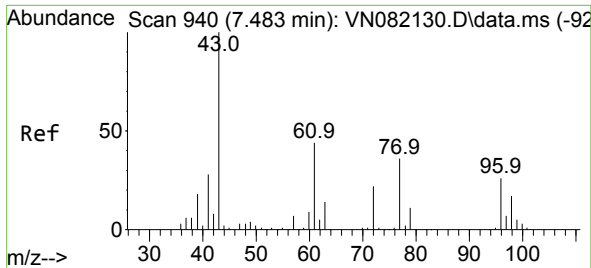
Tgt Ion: 43 Resp: 20551
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 0.725 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082157.D
 Acq: 16 May 2024 13:19

Tgt Ion: 63 Resp: 3176
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.6 7.8#

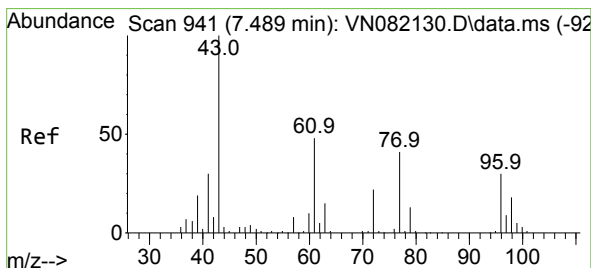
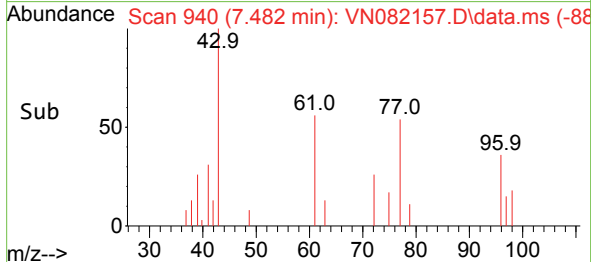
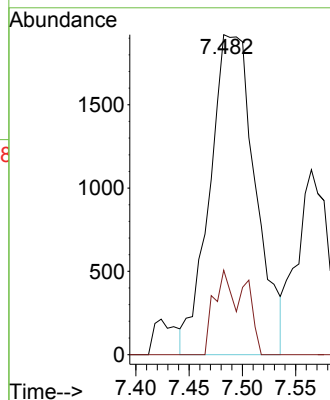
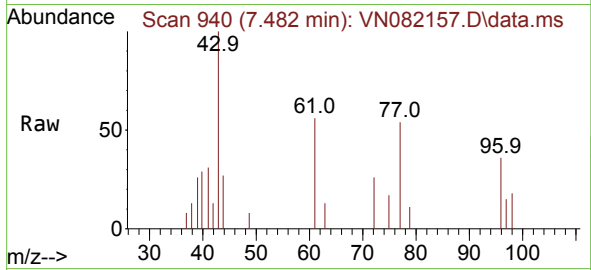




#25
2-Butanone
Concen: 3.354 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

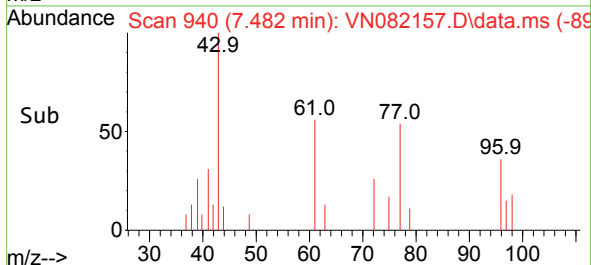
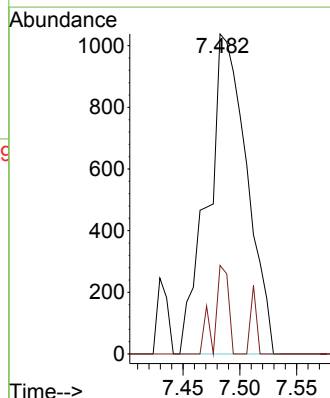
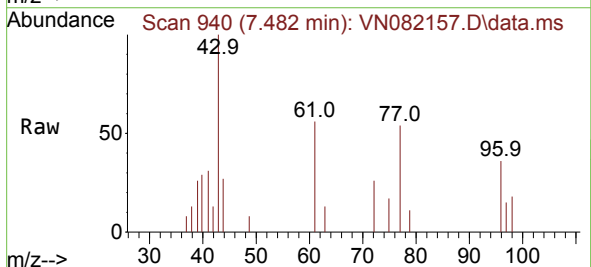
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

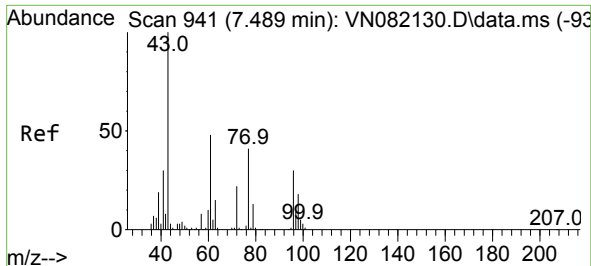
Tgt Ion: 43 Resp: 5735
Ion Ratio Lower Upper
43 100
72 28.7 25.3 37.9



#26
2,2-Dichloropropane
Concen: 0.676 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 77 Resp: 2481
Ion Ratio Lower Upper
77 100
97 10.0 11.3 33.9#





#27

cis-1,2-Dichloroethene

Concen: 0.723 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN082157.D

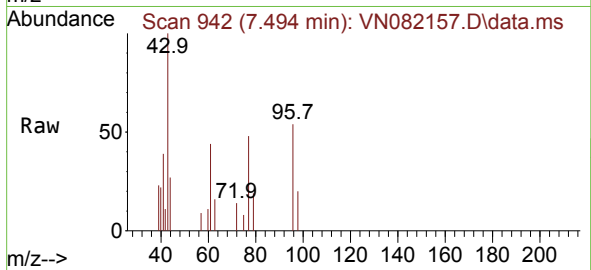
Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



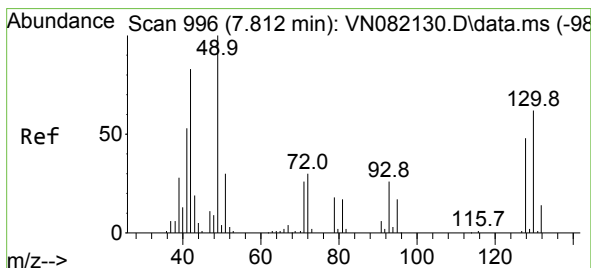
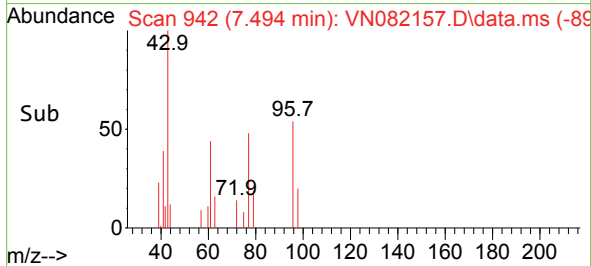
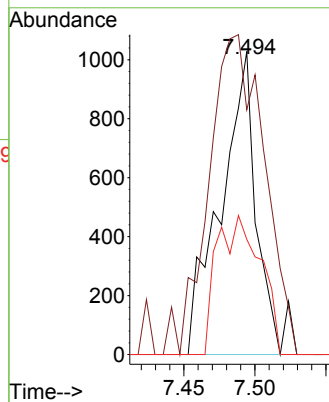
Tgt Ion: 96 Resp: 1768

Ion Ratio Lower Upper

96 100

61 167.9 0.0 268.0

98 57.1 0.0 126.8



#28

Bromochloromethane

Concen: 0.750 ug/l

RT: 7.806 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

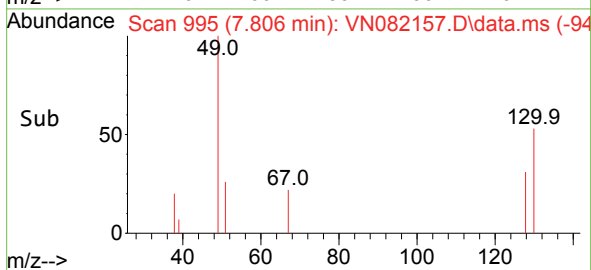
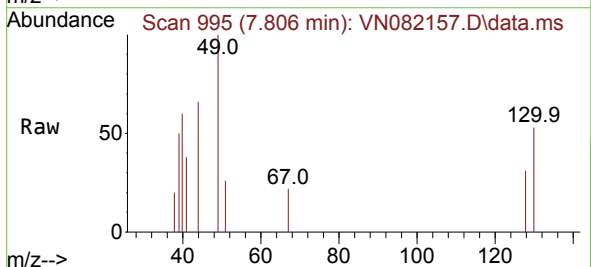
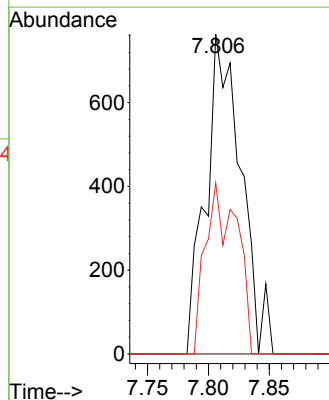
Tgt Ion: 49 Resp: 1532

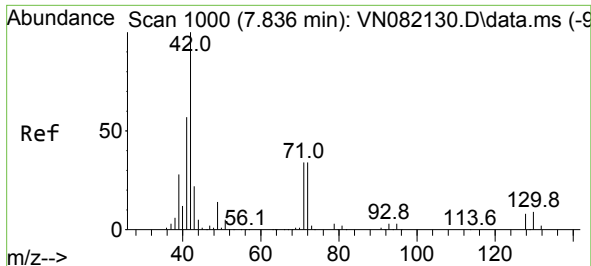
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 48.0 66.7 100.1#





#29

Tetrahydrofuran

Concen: 3.410 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.011 min

Lab File: VN082157.D

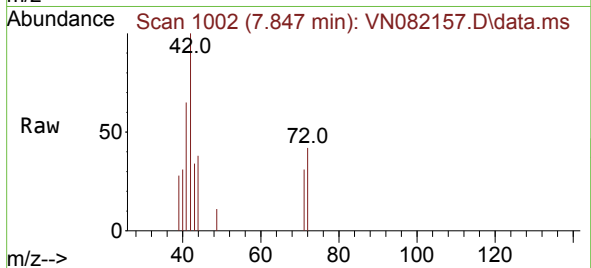
Acq: 16 May 2024 13:19

Instrument :

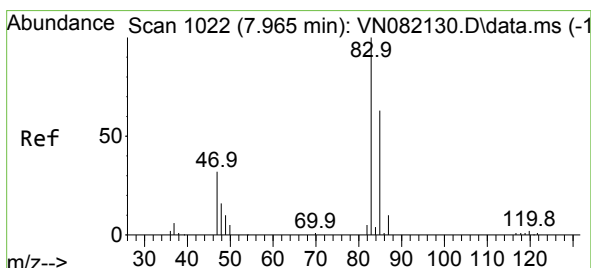
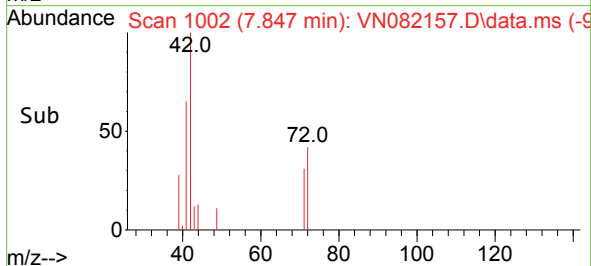
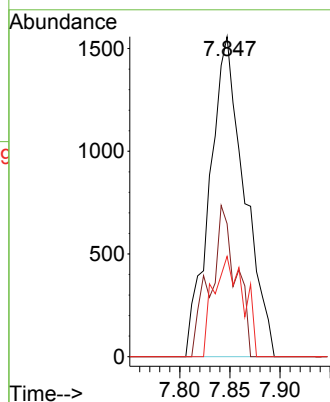
MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:	42	Resp:	3744
Ion	Ratio	Lower	Upper
42	100		
72	35.4	39.3	58.9#
71	27.1	37.4	56.0#



#30

Chloroform

Concen: 0.738 ug/l

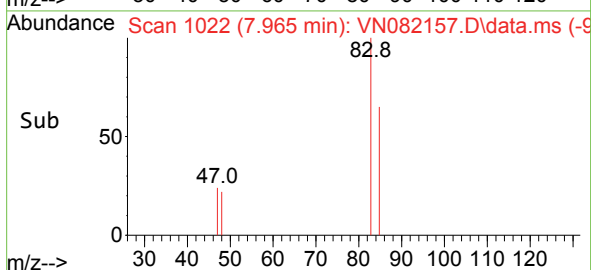
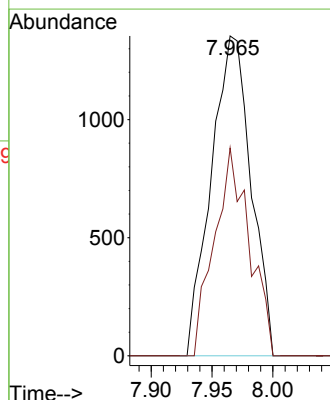
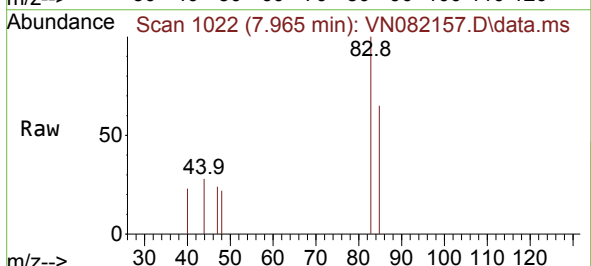
RT: 7.965 min Scan# 1022

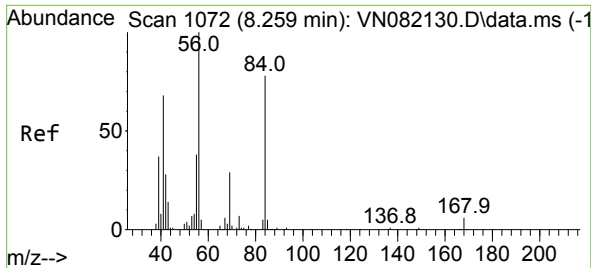
Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Tgt Ion:	83	Resp:	3087
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.7	76.1

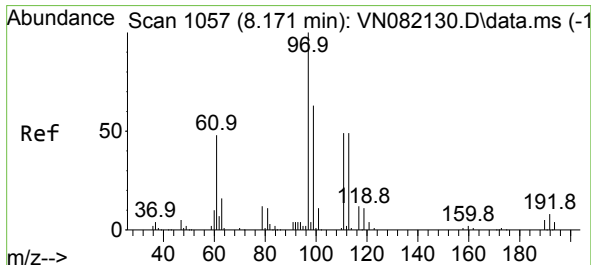
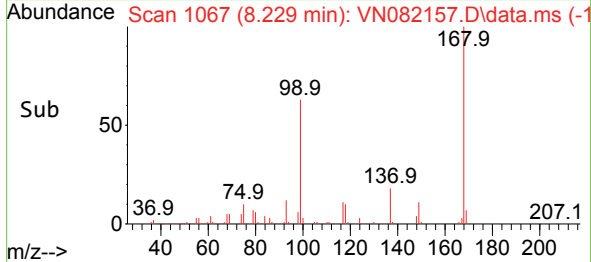
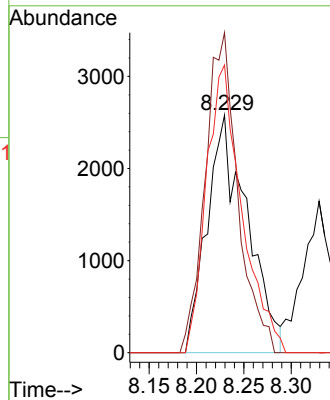
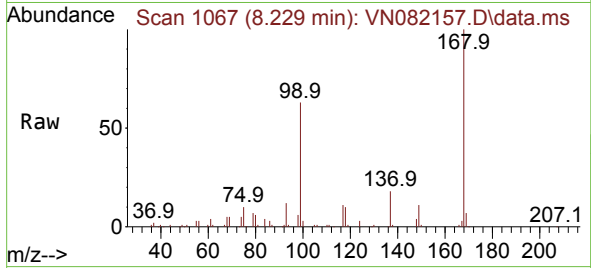




#31
Cyclohexane
Concen: 1.727 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

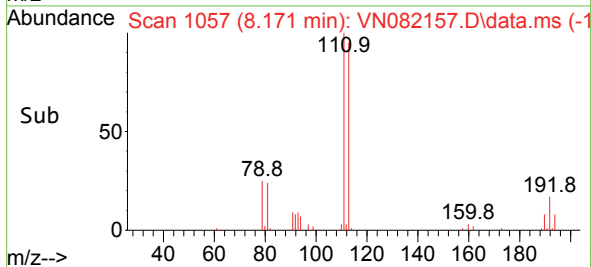
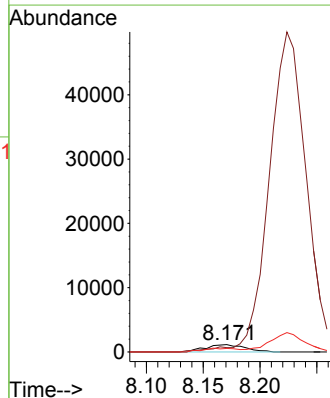
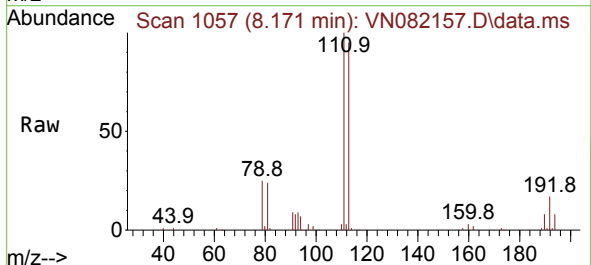
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

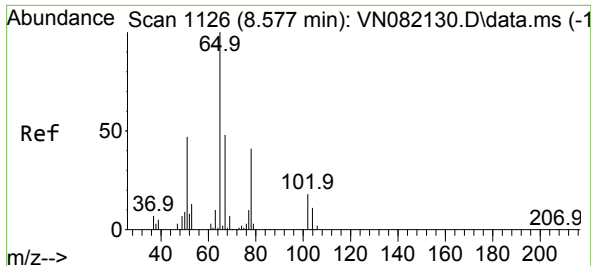
Tgt Ion: 56 Resp: 7585
Ion Ratio Lower Upper
56 100
69 134.7 24.4 36.6#
84 121.1 77.0 115.4#



#32
1,1,1-Trichloroethane
Concen: 0.745 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 97 Resp: 2765
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 43.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.364 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

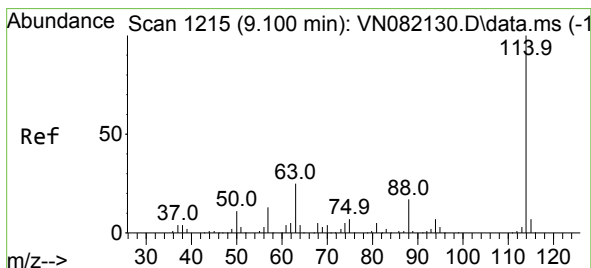
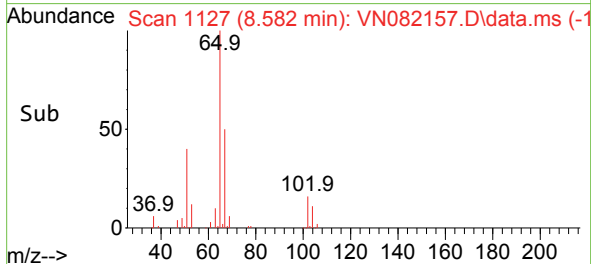
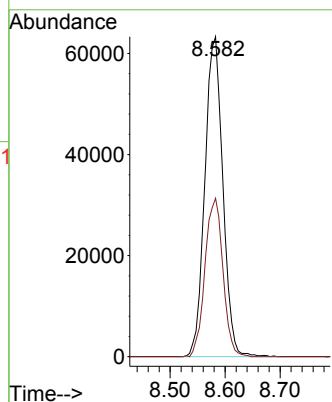
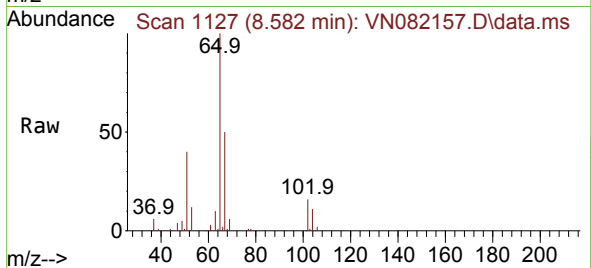
MDL-WATER-03-QT2-2024

Tgt Ion: 65 Resp: 143969

Ion Ratio Lower Upper

65 100

67 49.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

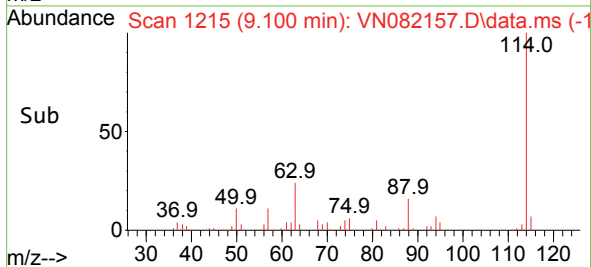
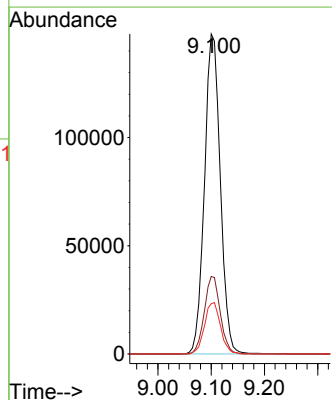
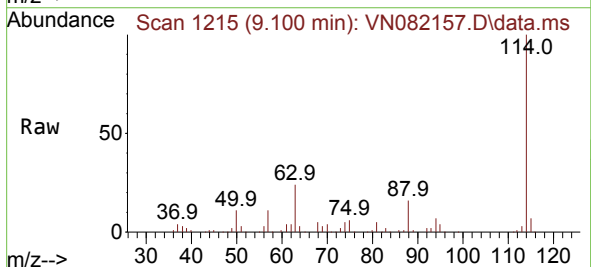
Tgt Ion: 114 Resp: 304959

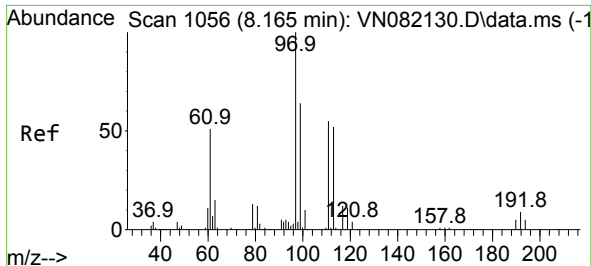
Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 15.7 0.0 31.4

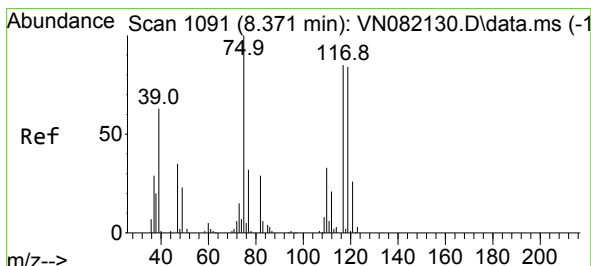
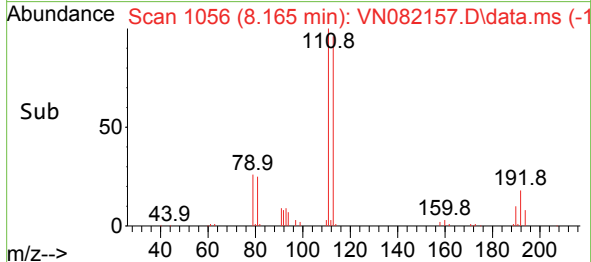
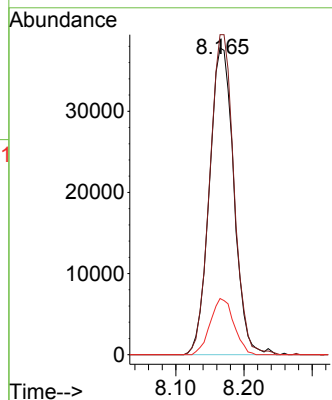
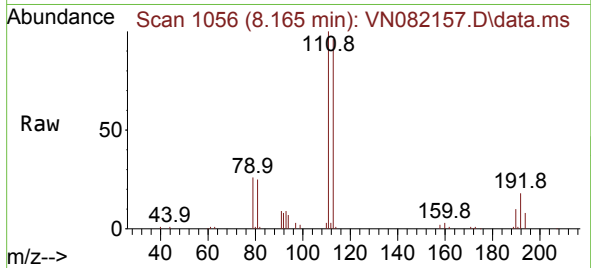




#35
Dibromofluoromethane
Concen: 50.351 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

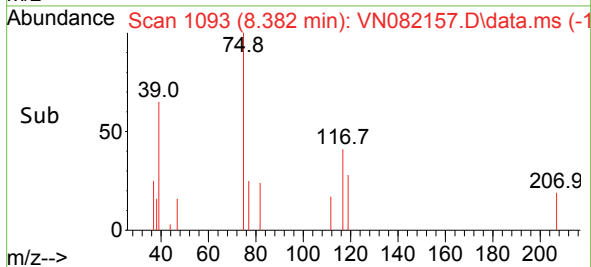
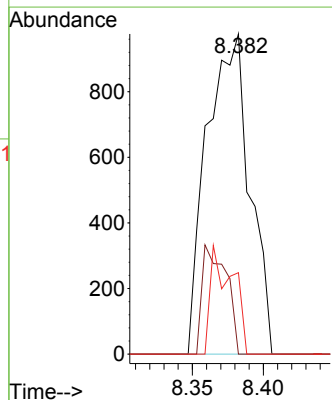
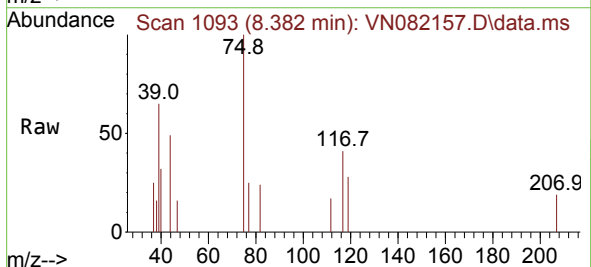
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

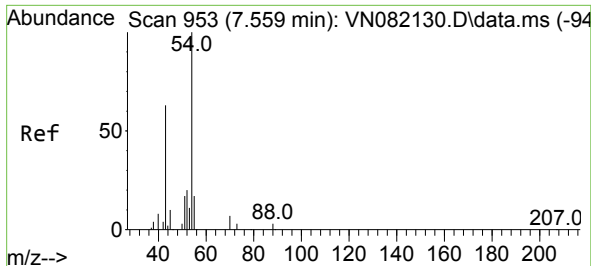
Tgt Ion:113 Resp: 94456
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 17.7 14.0 21.0



#36
1,1-Dichloropropene
Concen: 0.650 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 75 Resp: 2046
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 25.0 37.4#

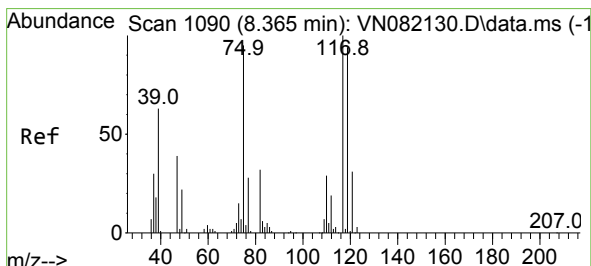
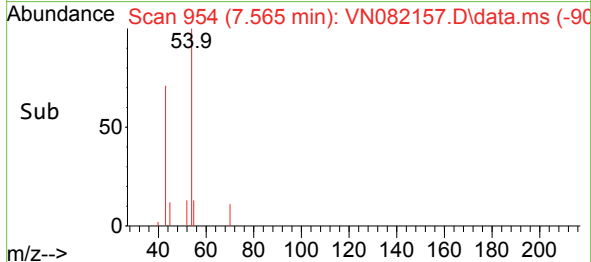
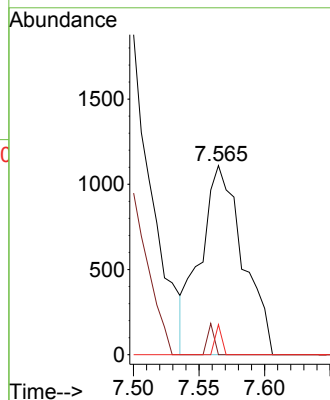
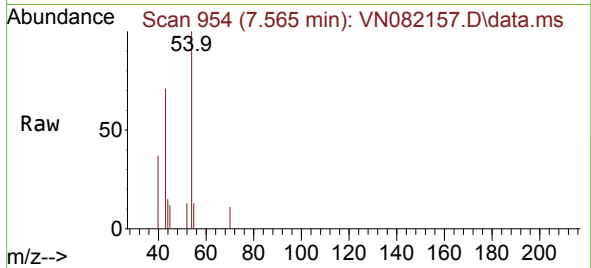




#37
Ethyl Acetate
Concen: 0.714 ug/l
RT: 7.565 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

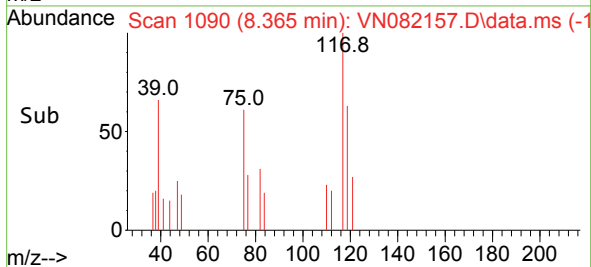
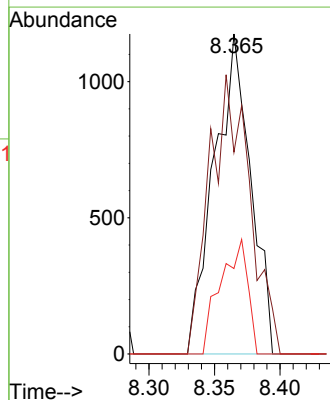
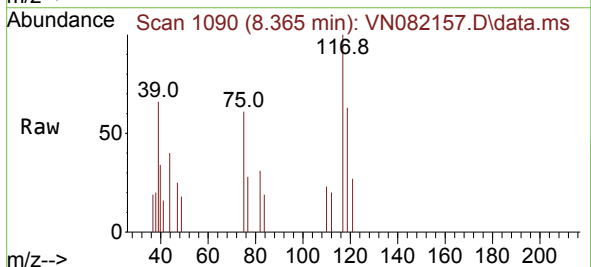
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

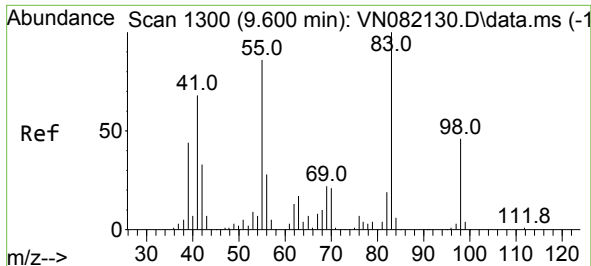
Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 2.5 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 0.711 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 117 Resp: 2267
Ion Ratio Lower Upper
117 100
119 63.1 76.5 114.7#
121 26.7 23.9 35.9





#39

Methylcyclohexane

Concen: 0.545 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

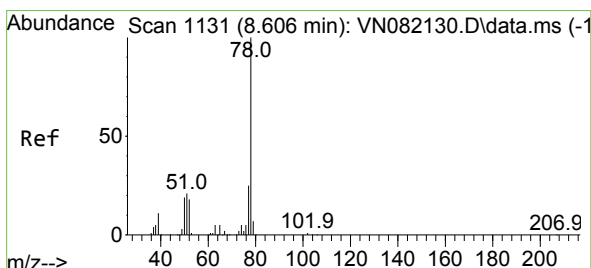
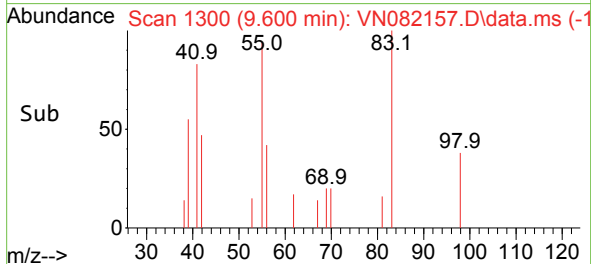
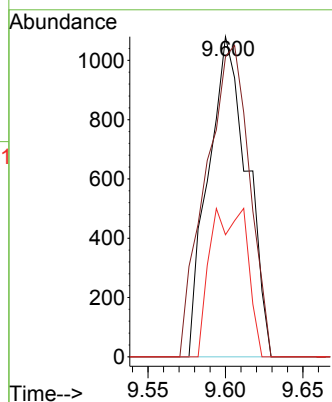
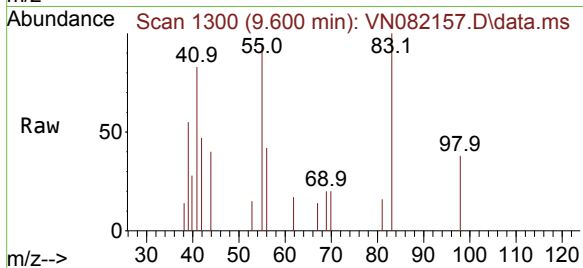
Tgt Ion: 83 Resp: 1879

Ion Ratio Lower Upper

83 100

55 93.7 53.0 79.6#

98 38.1 37.1 55.7



#40

Benzene

Concen: 0.665 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082157.D

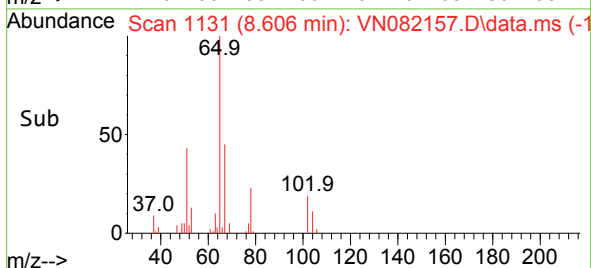
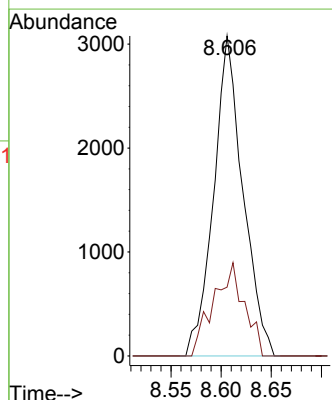
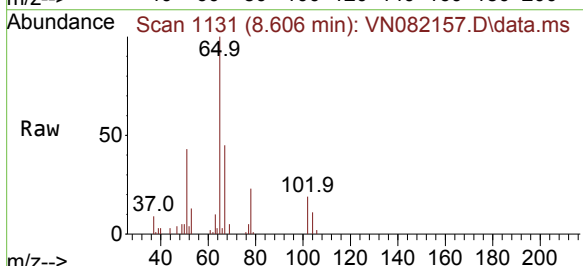
Acq: 16 May 2024 13:19

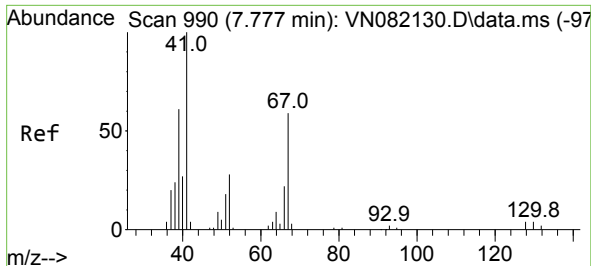
Tgt Ion: 78 Resp: 6242

Ion Ratio Lower Upper

78 100

77 21.5 20.0 30.0

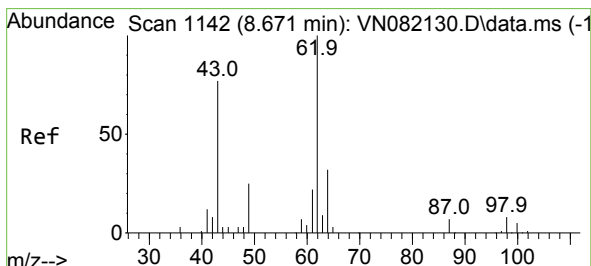
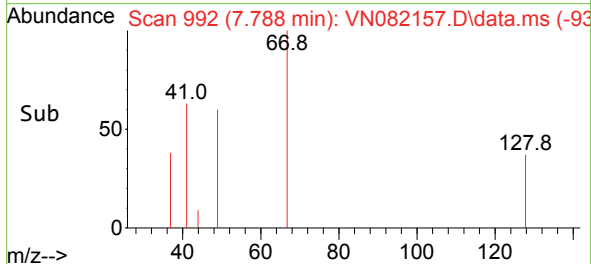
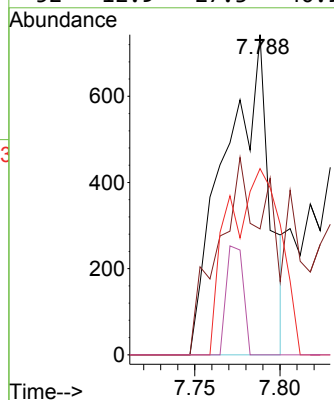
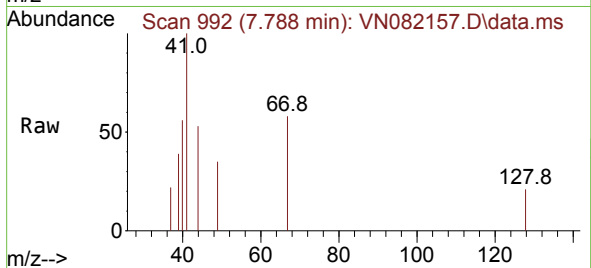




#41
Methacrylonitrile
Concen: 0.655 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

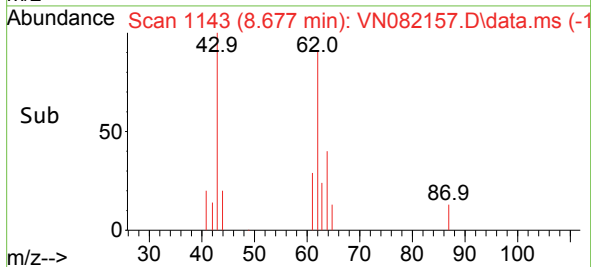
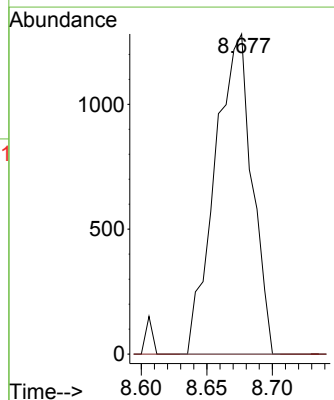
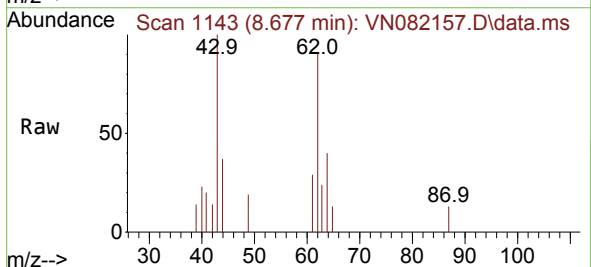
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

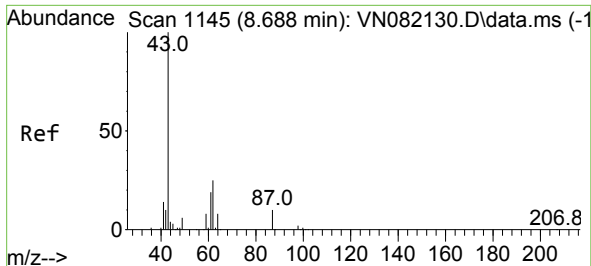
Tgt Ion: 41	Resp: 1356
Ion Ratio	Lower Upper
41 100	
39 52.0	46.6 69.8
67 67.6	67.3 100.9
52 12.9	27.3 40.9#



#42
1,2-Dichloroethane
Concen: 0.699 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 62	Resp: 2523
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 19.6

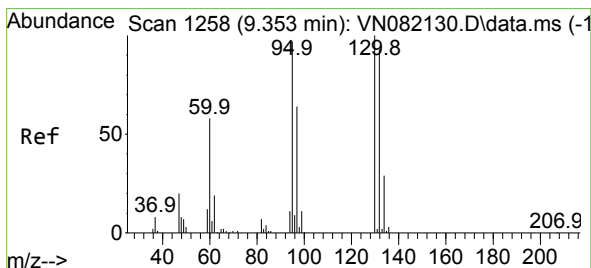
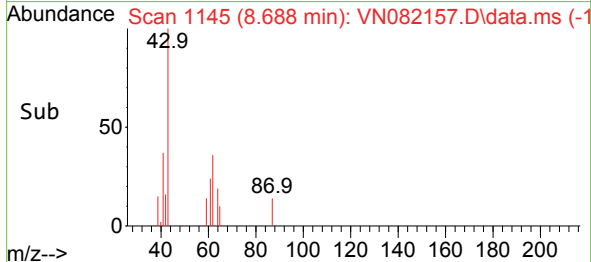
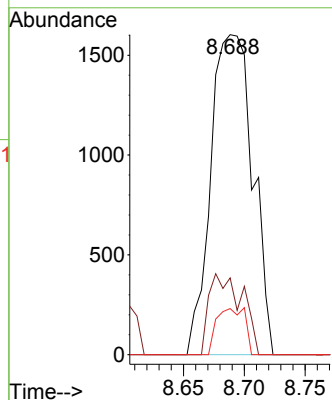
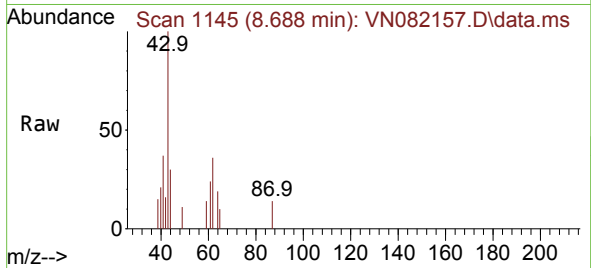




#43
Isopropyl Acetate
Concen: 0.617 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

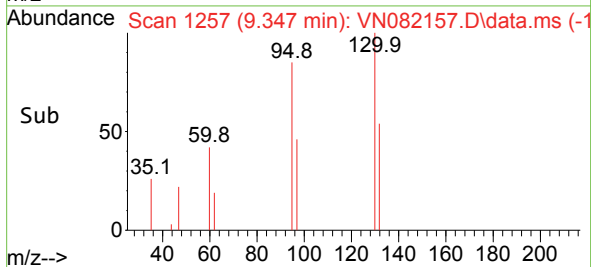
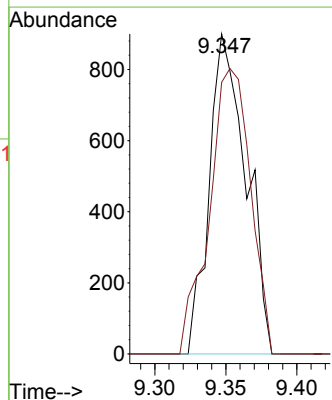
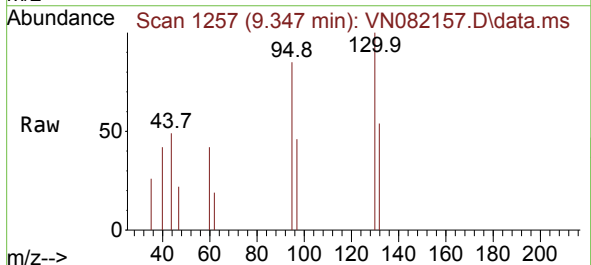
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

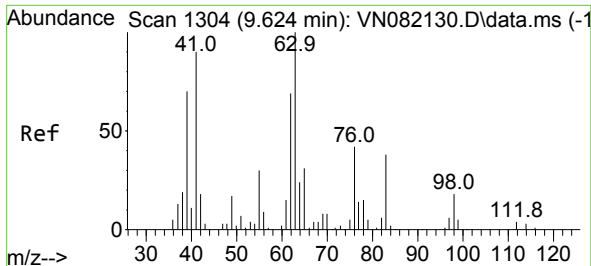
Tgt Ion: 43 Resp: 3849
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 9.7 12.0 18.0#



#44
Trichloroethene
Concen: 0.764 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion:130 Resp: 1629
Ion Ratio Lower Upper
130 100
95 84.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 0.697 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

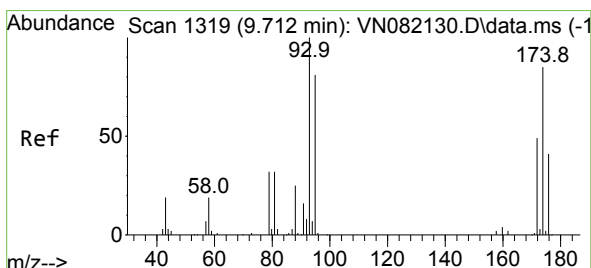
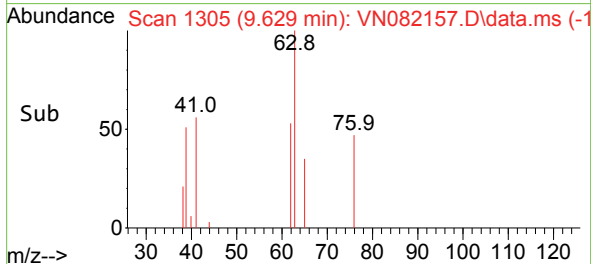
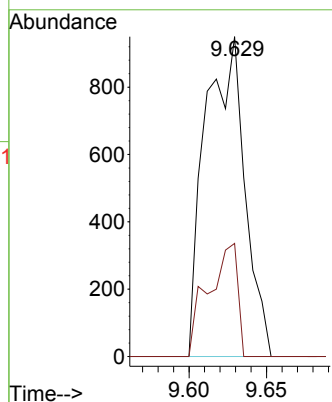
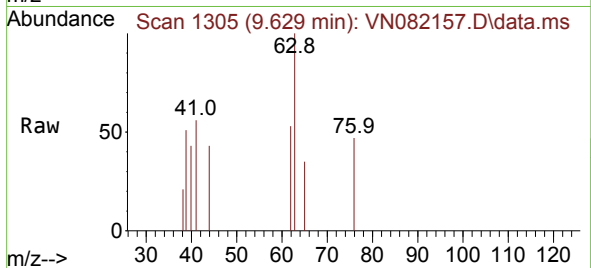
MDL-WATER-03-QT2-2024

Tgt Ion: 63 Resp: 1687

Ion Ratio Lower Upper

63 100

65 35.4 24.1 36.1



#46

Dibromomethane

Concen: 0.746 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

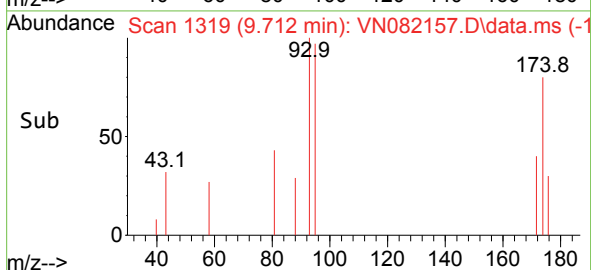
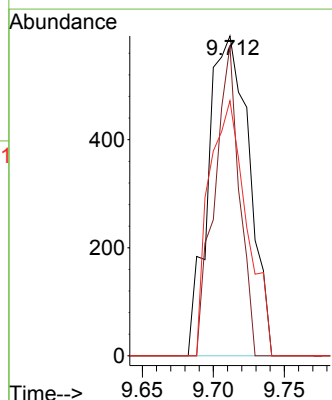
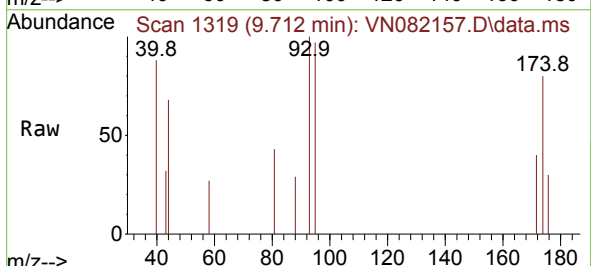
Tgt Ion: 93 Resp: 1186

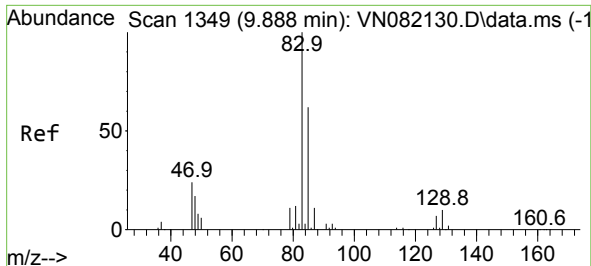
Ion Ratio Lower Upper

93 100

95 59.0 64.8 97.2#

174 73.4 73.4 110.0

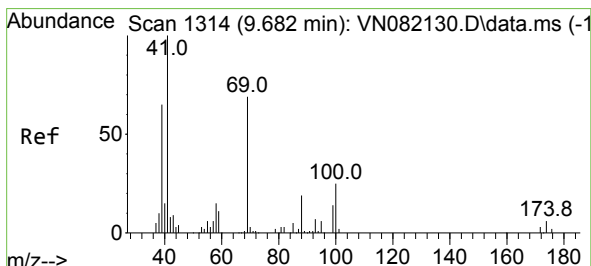
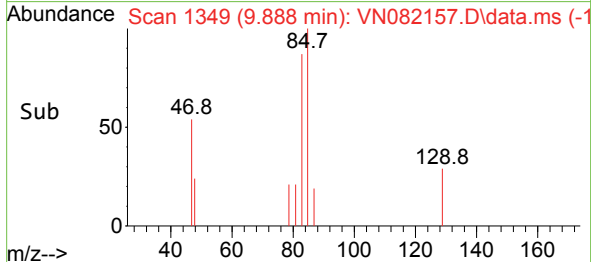
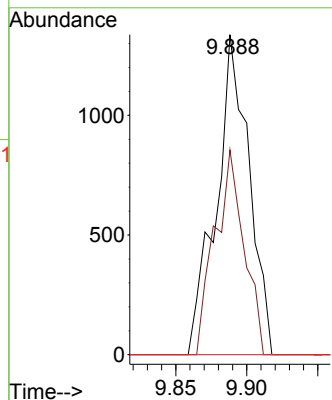
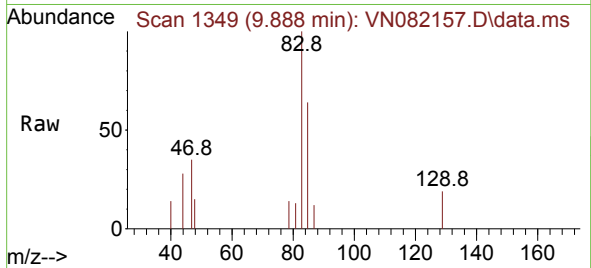




#47
Bromodichloromethane
Concen: 0.640 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

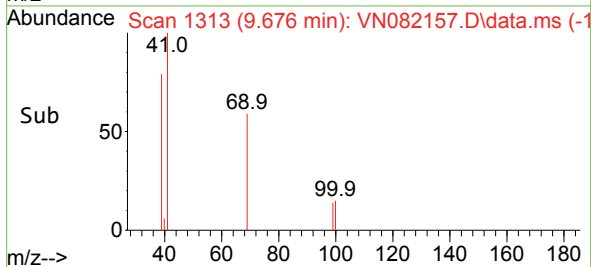
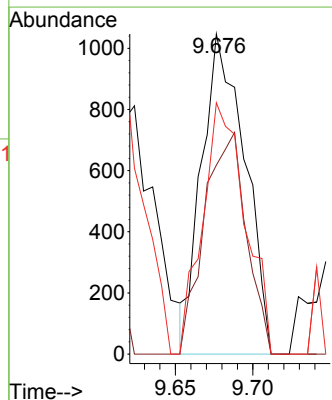
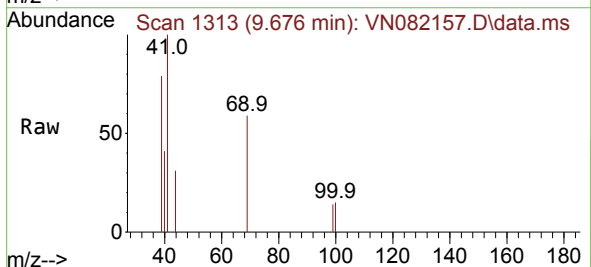
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

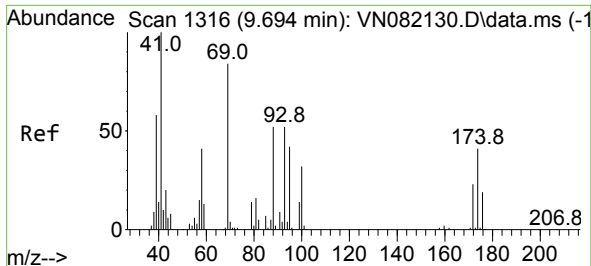
Tgt Ion: 83 Resp: 2147
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 0.0 7.5 11.3#



#48
Methyl methacrylate
Concen: 0.679 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 41 Resp: 2019
Ion Ratio Lower Upper
41 100
69 67.9 77.9 116.9#
39 77.9 50.9 76.3#





#49

1,4-Dioxane

Concen: 13.971 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082157.D

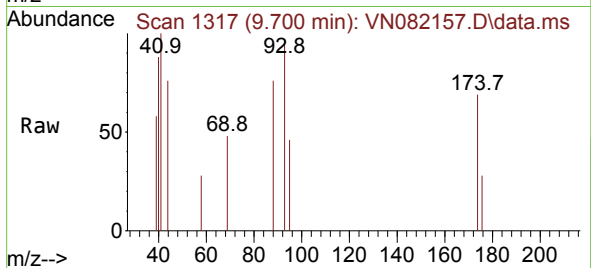
Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



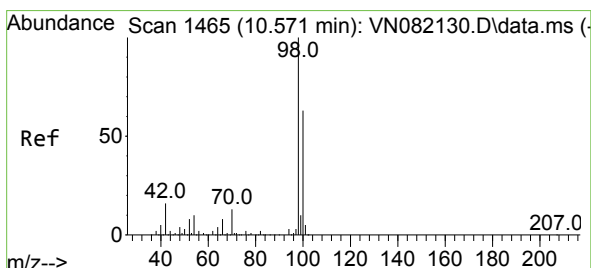
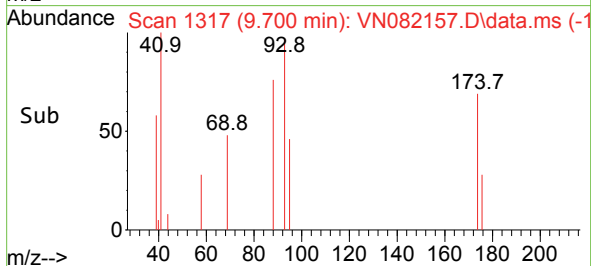
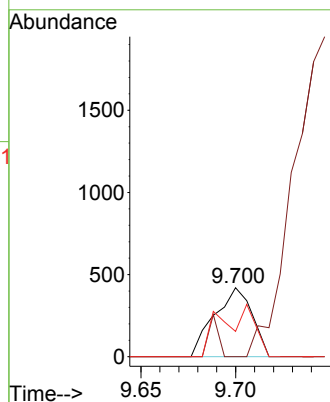
Tgt Ion: 88 Resp: 582

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 39.0 50.6 76.0#



#50

Toluene-d8

Concen: 48.701 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082157.D

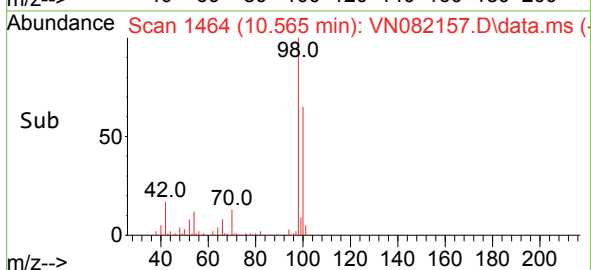
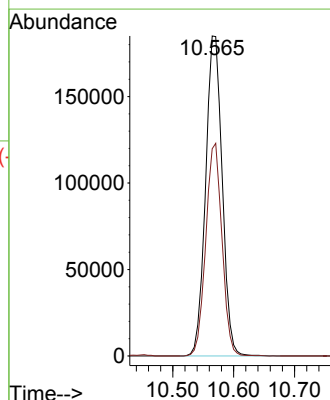
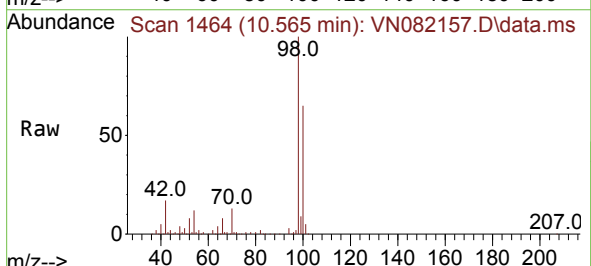
Acq: 16 May 2024 13:19

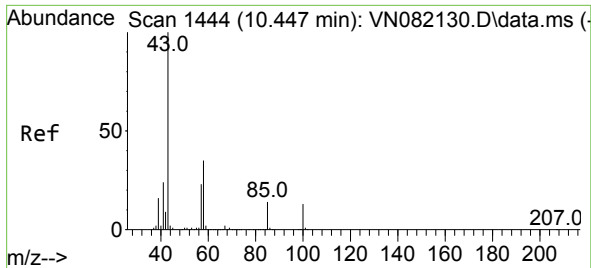
Tgt Ion: 98 Resp: 350270

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

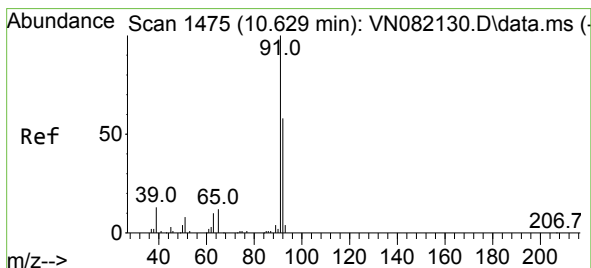
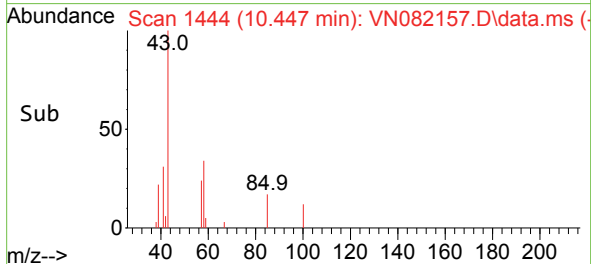
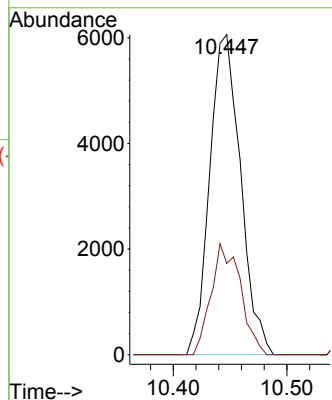
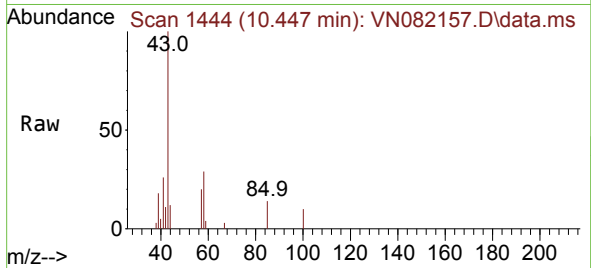




#51
4-Methyl-2-Pentanone
Concen: 3.230 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

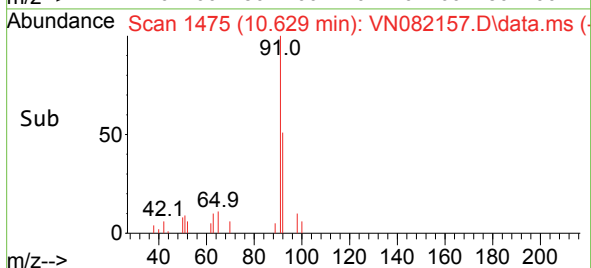
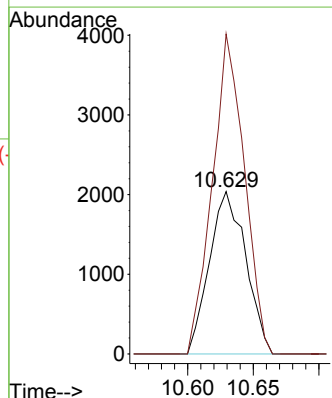
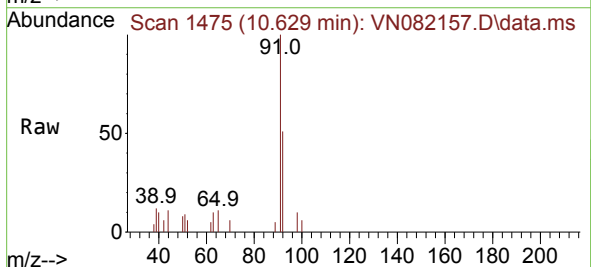
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

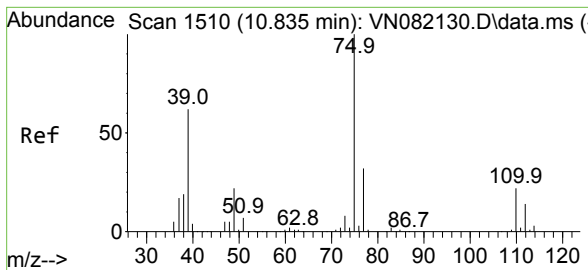
Tgt Ion: 43 Resp: 11450
Ion Ratio Lower Upper
43 100
58 33.0 33.2 49.8#



#52
Toluene
Concen: 0.698 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 92 Resp: 3932
Ion Ratio Lower Upper
92 100
91 174.1 136.7 205.1

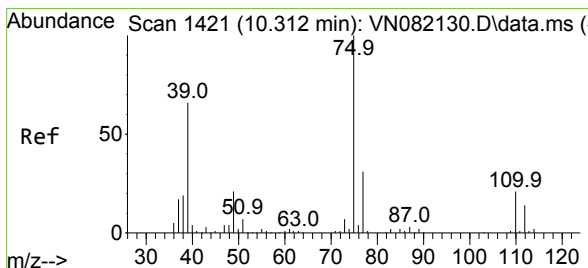
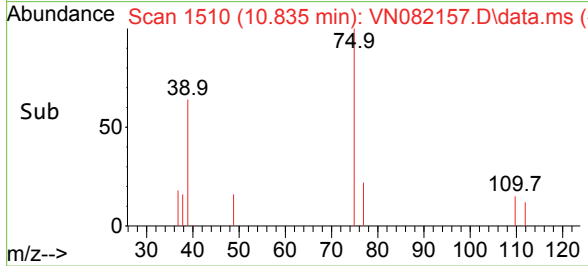
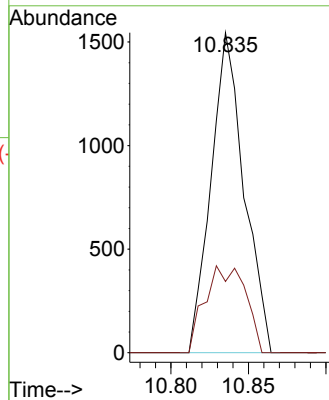
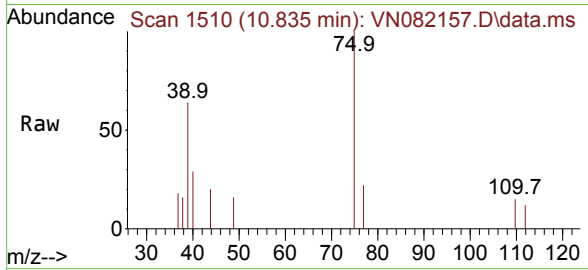




#53
 t-1,3-Dichloropropene
 Concen: 0.659 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082157.D
 Acq: 16 May 2024 13:19

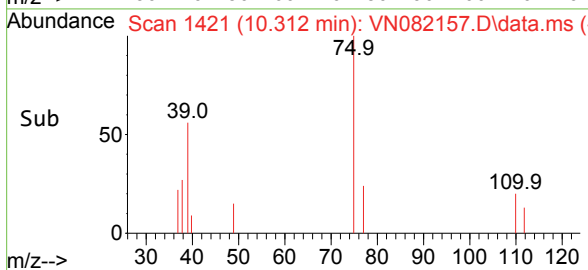
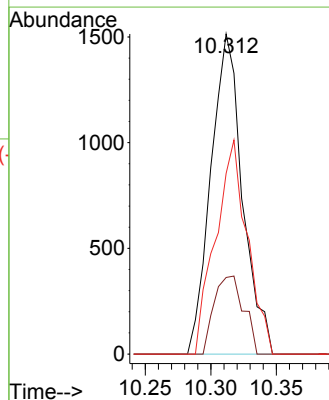
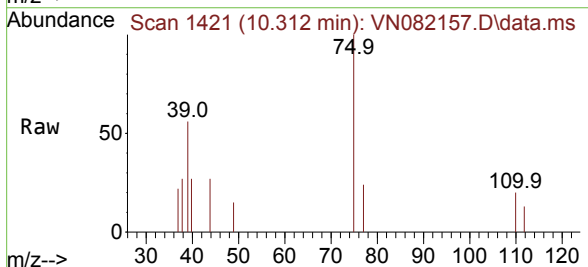
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2024

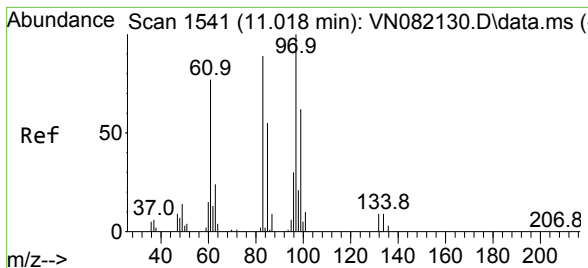
Tgt Ion: 75 Resp: 2286
 Ion Ratio Lower Upper
 75 100
 77 22.3 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.690 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082157.D
 Acq: 16 May 2024 13:19

Tgt Ion: 75 Resp: 2536
 Ion Ratio Lower Upper
 75 100
 77 23.9 25.0 37.4#
 39 56.4 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 0.724 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082157.D

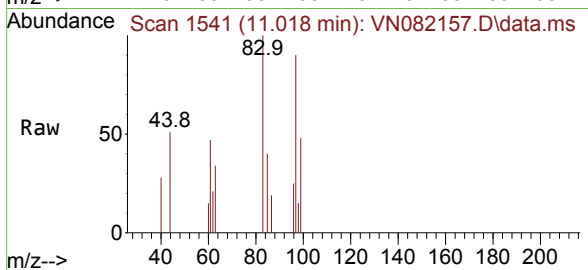
Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion: 97 Resp: 1481

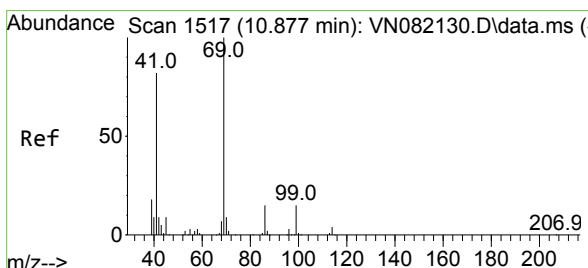
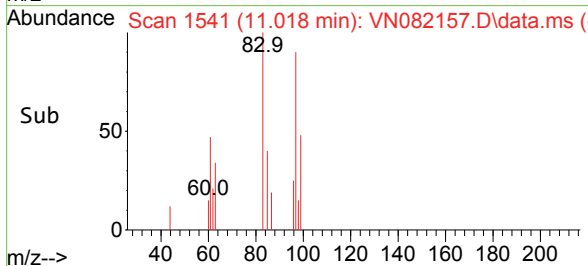
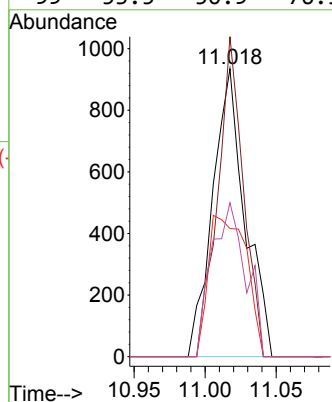
Ion Ratio Lower Upper

97 100

83 111.1 70.4 105.6#

85 44.5 45.6 68.4#

99 53.5 50.9 76.3



#56

Ethyl methacrylate

Concen: 0.562 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

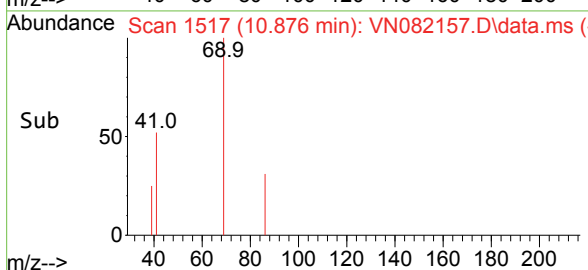
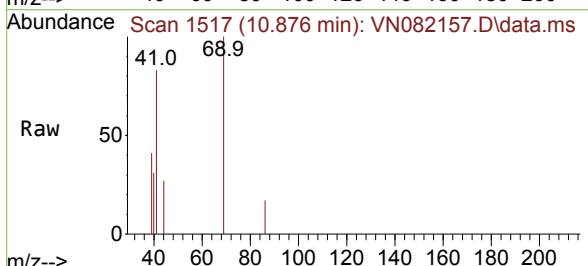
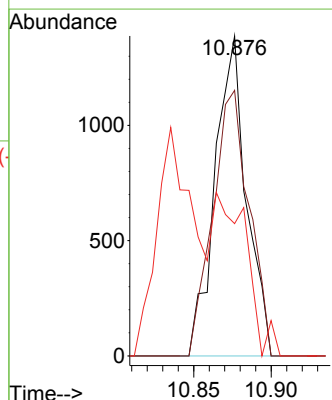
Tgt Ion: 69 Resp: 1951

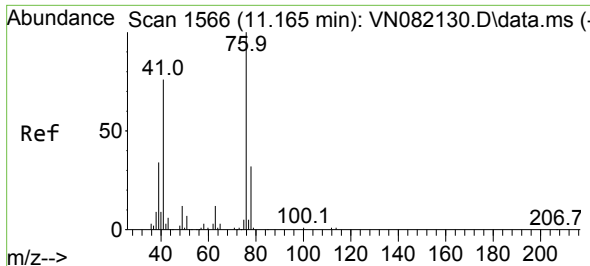
Ion Ratio Lower Upper

69 100

41 96.4 46.6 70.0#

39 54.3 26.5 39.7#

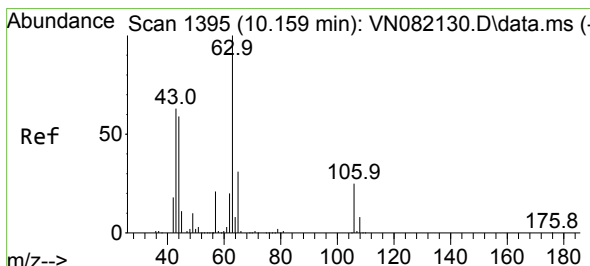
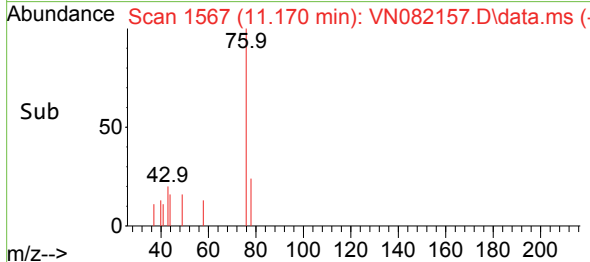
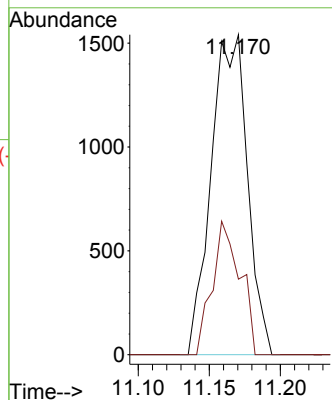
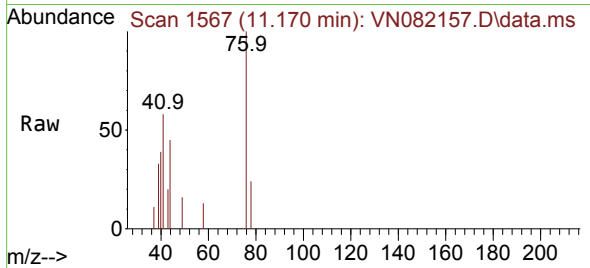




#57
1,3-Dichloropropane
Concen: 0.715 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

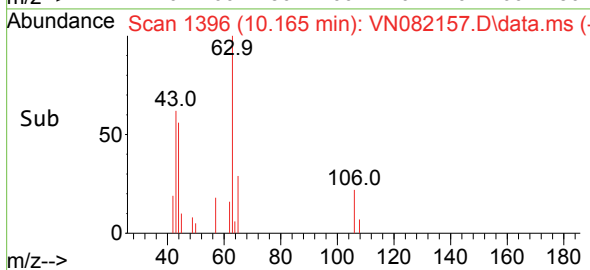
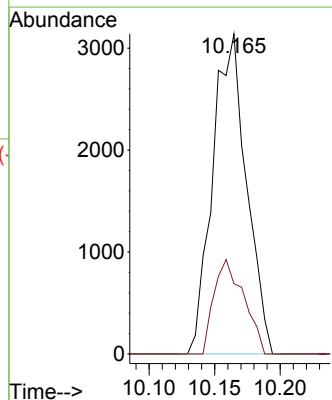
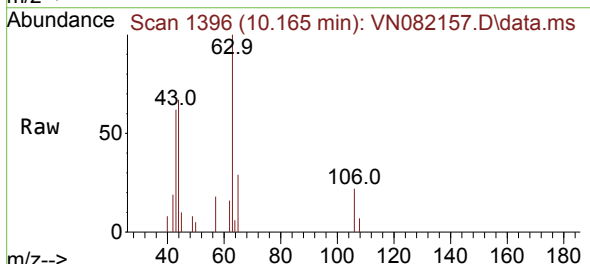
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

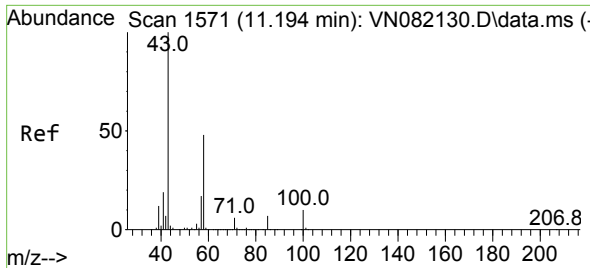
Tgt Ion: 76 Resp: 2735
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 3.146 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 63 Resp: 5637
Ion Ratio Lower Upper
63 100
106 26.0 24.6 36.8

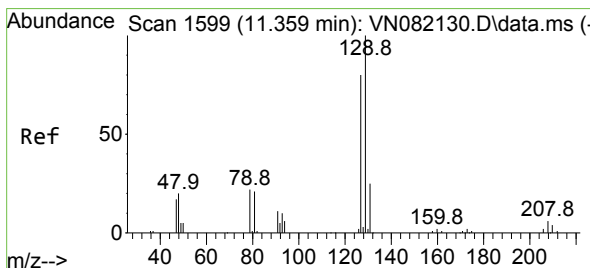
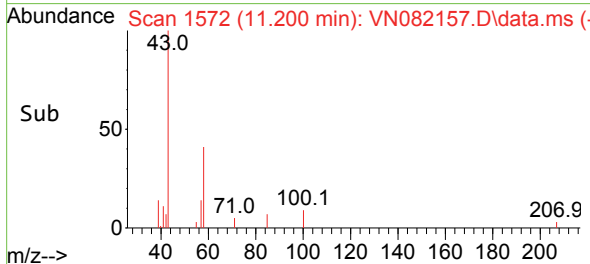
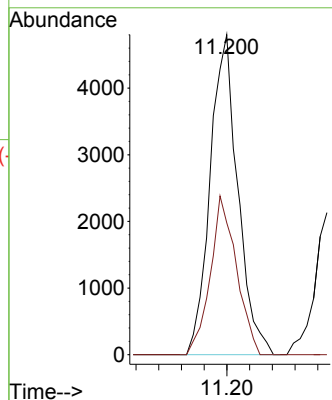
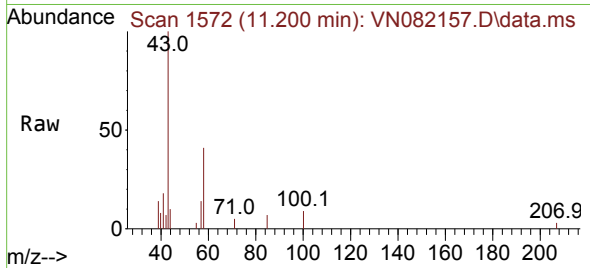




#59
2-Hexanone
Concen: 3.126 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

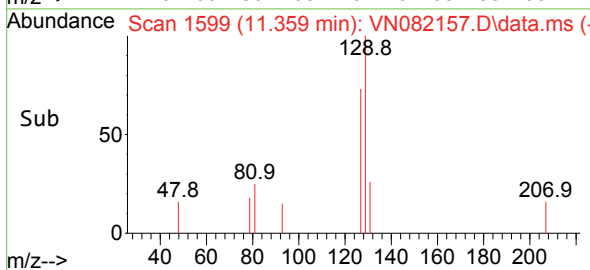
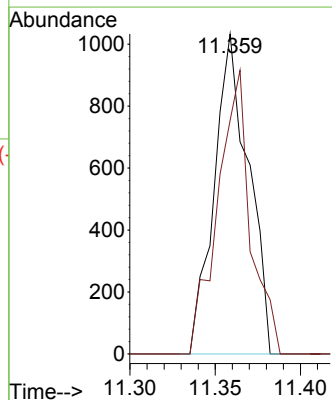
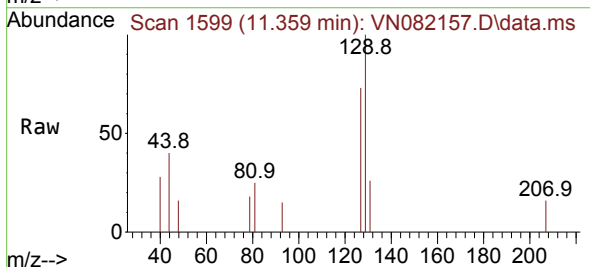
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

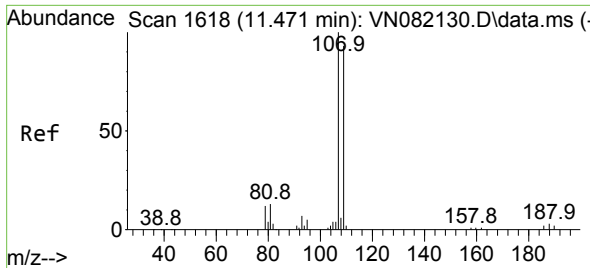
Tgt Ion: 43 Resp: 8115
Ion Ratio Lower Upper
43 100
58 46.8 28.3 84.9



#60
Dibromochloromethane
Concen: 0.642 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 129 Resp: 1449
Ion Ratio Lower Upper
129 100
127 84.5 38.3 114.8

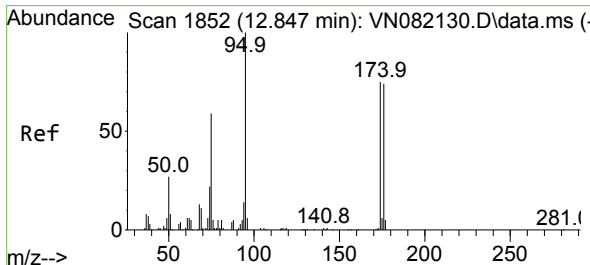
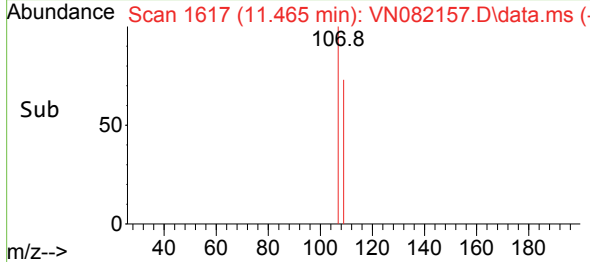
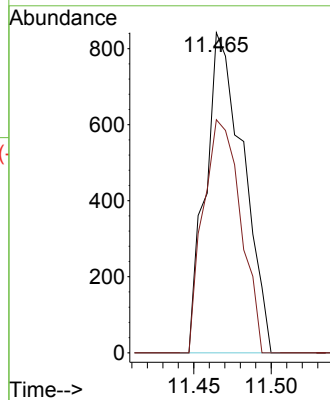
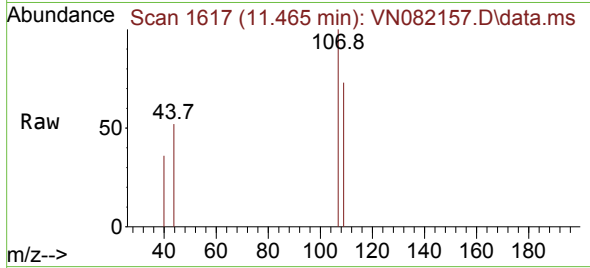




#61
1,2-Dibromoethane
Concen: 0.675 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

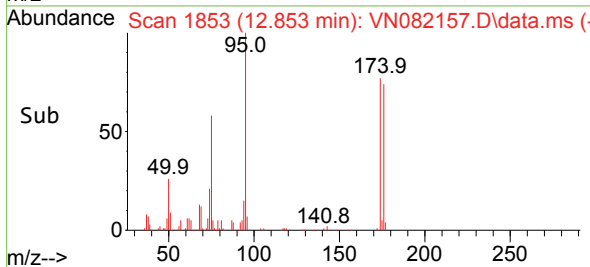
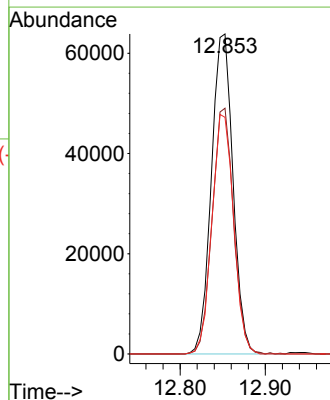
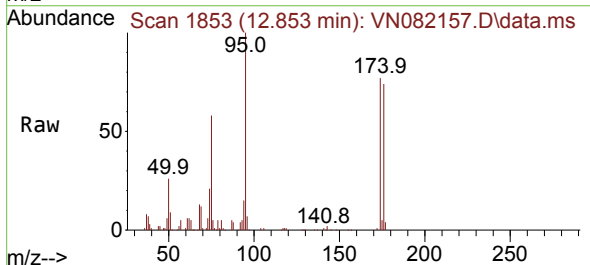
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

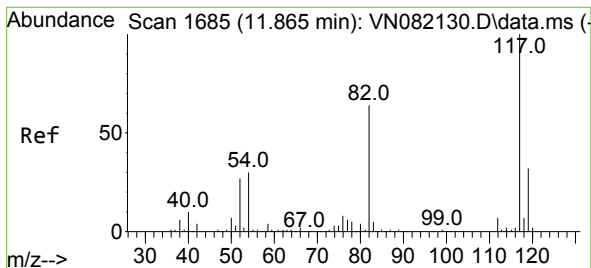
Tgt Ion:107 Resp: 1418
Ion Ratio Lower Upper
107 100
109 72.4 75.8 113.6#



#62
4-Bromofluorobenzene
Concen: 43.719 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 95 Resp: 112231
Ion Ratio Lower Upper
95 100
174 76.2 0.0 160.6
176 75.1 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

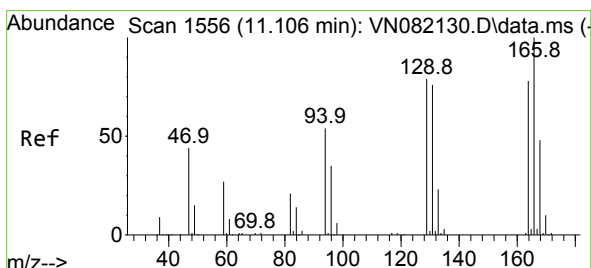
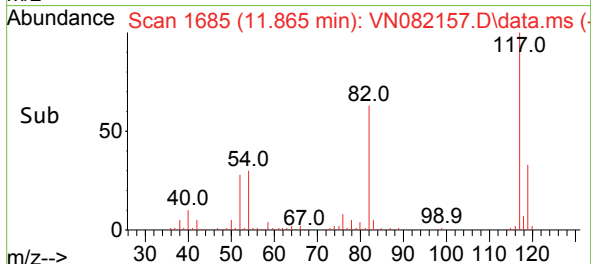
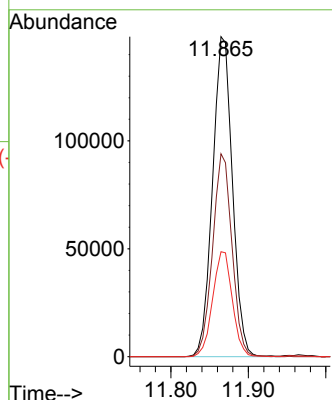
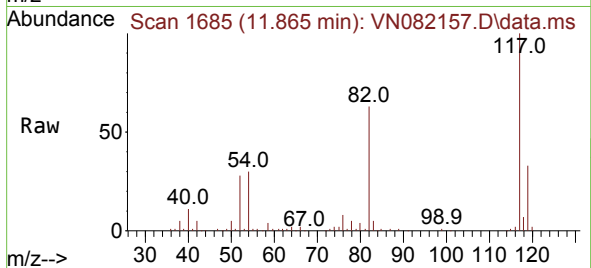
Tgt Ion:117 Resp: 264956

Ion Ratio Lower Upper

117 100

82 63.4 44.6 66.8

119 32.8 25.9 38.9



#64

Tetrachloroethene

Concen: 0.767 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Tgt Ion:164 Resp: 1507

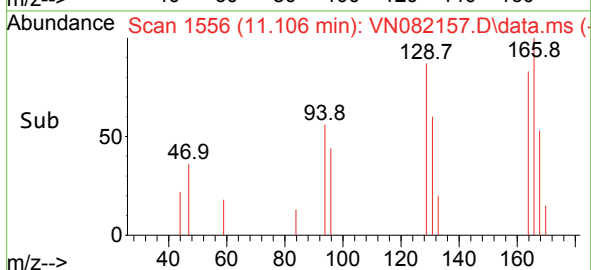
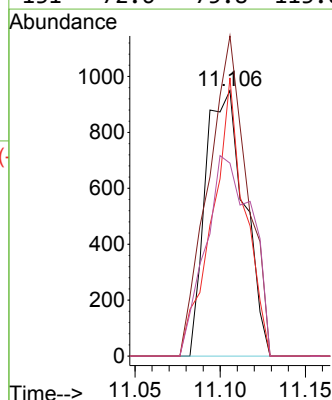
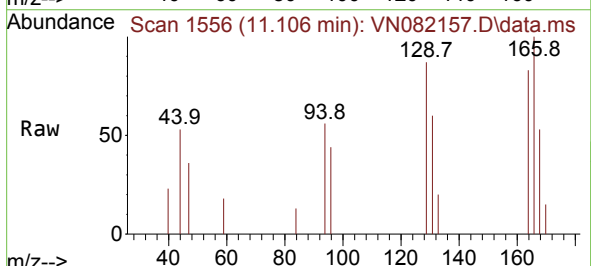
Ion Ratio Lower Upper

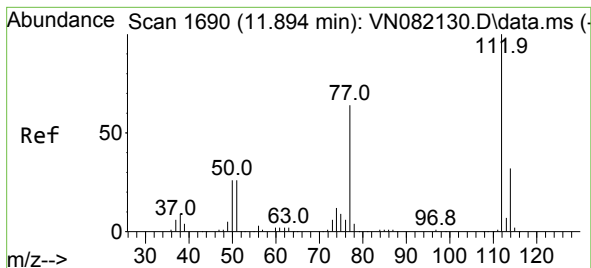
164 100

166 120.5 97.6 146.4

129 104.7 73.7 110.5

131 72.6 75.8 113.6#





#65

Chlorobenzene

Concen: 0.718 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

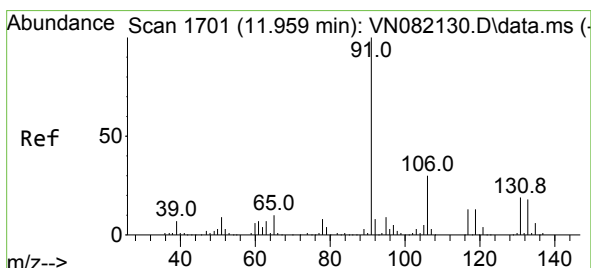
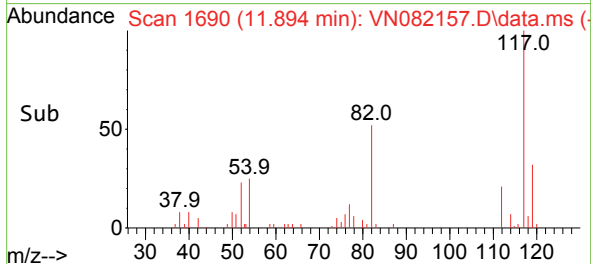
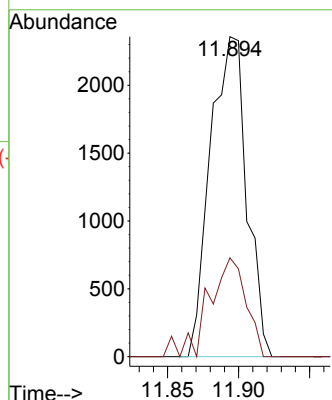
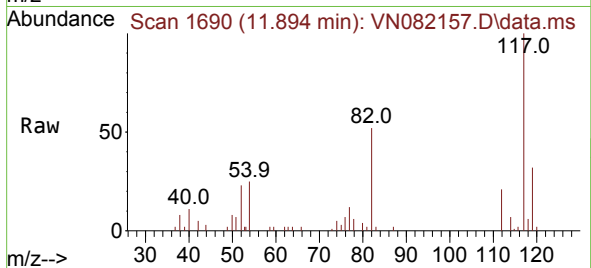
MDL-WATER-03-QT2-2024

Tgt Ion:112 Resp: 4203

Ion Ratio Lower Upper

112 100

114 30.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 0.579 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

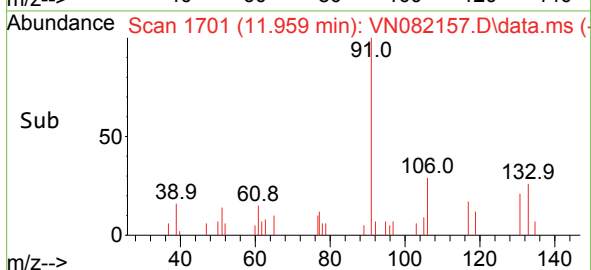
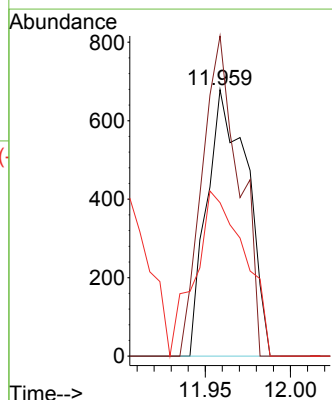
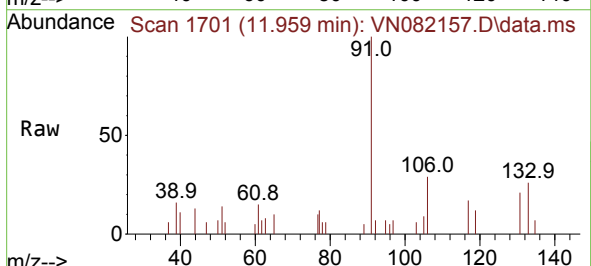
Tgt Ion:131 Resp: 1116

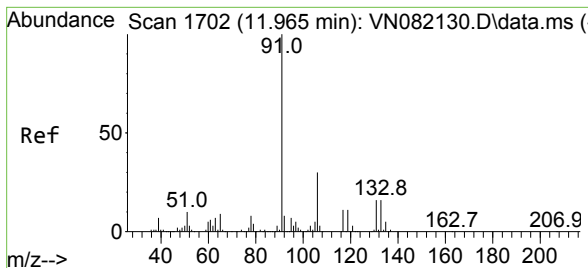
Ion Ratio Lower Upper

131 100

133 110.4 47.5 142.6

119 0.0 32.9 98.7#





#67

Ethyl Benzene

Concen: 0.612 ug/l

RT: 11.965 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

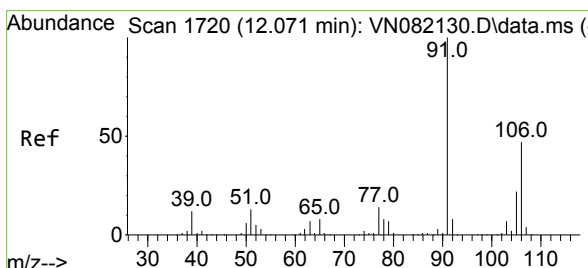
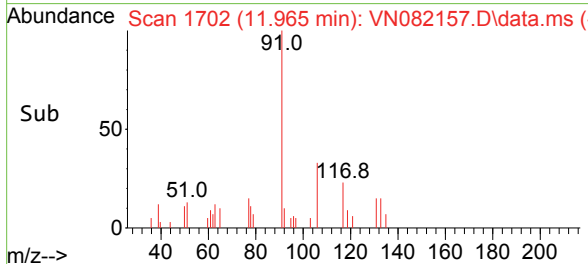
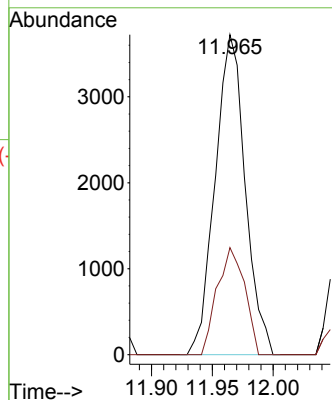
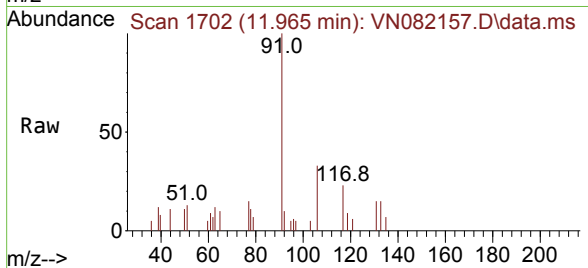
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 6407

Ion Ratio Lower Upper

91 100

106 33.5 25.3 37.9



#68

m/p-Xylenes

Concen: 1.253 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082157.D

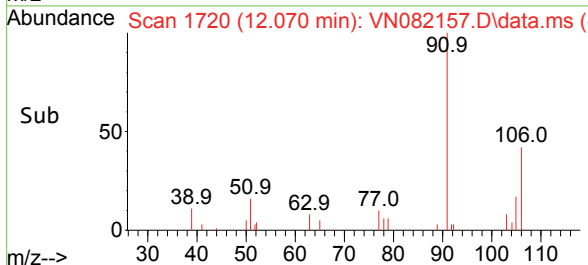
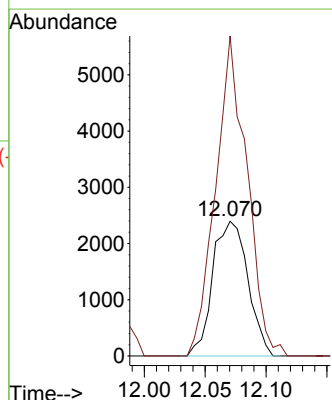
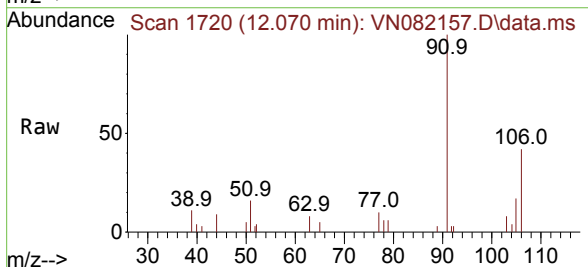
Acq: 16 May 2024 13:19

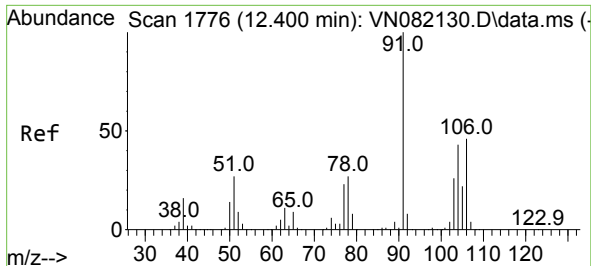
Tgt Ion: 106 Resp: 4809

Ion Ratio Lower Upper

106 100

91 212.5 159.4 239.0

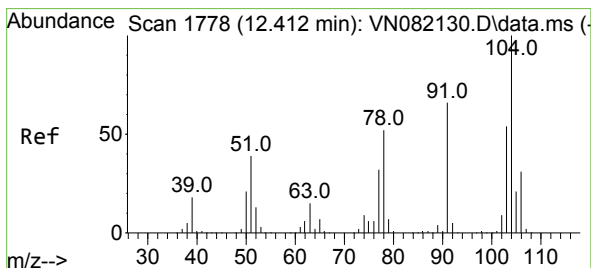
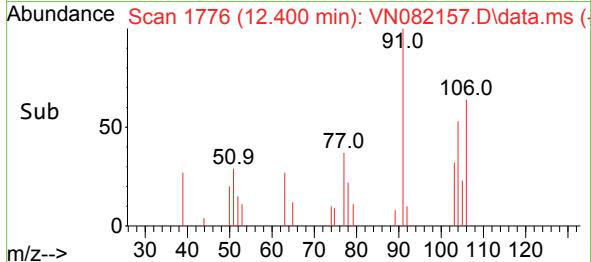
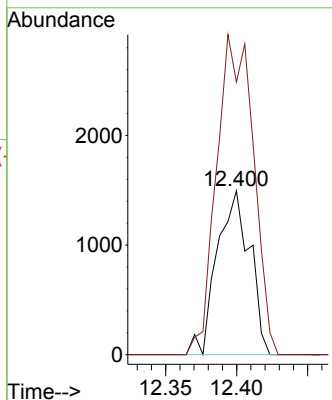
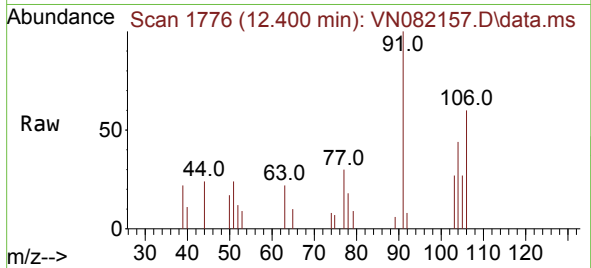




#69
o-Xylene
Concen: 0.646 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

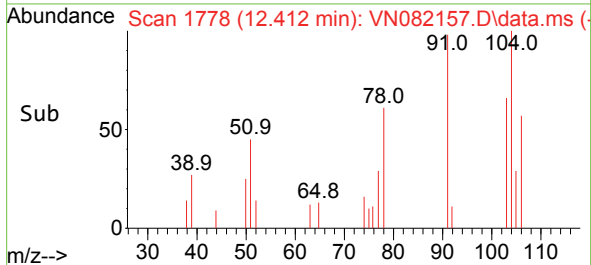
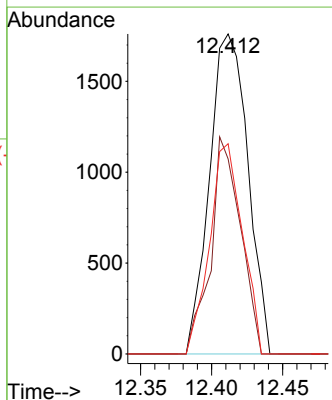
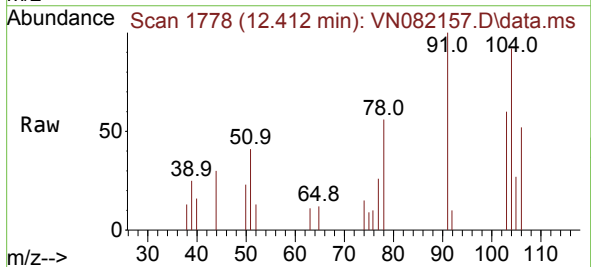
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

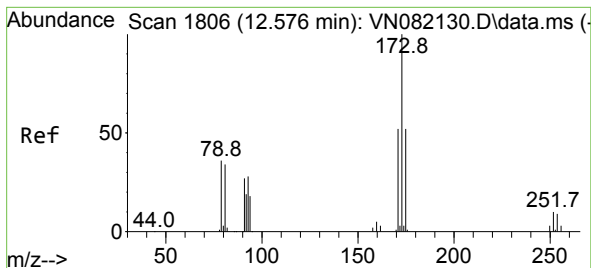
Tgt Ion:106 Resp: 2403
Ion Ratio Lower Upper
106 100
91 219.0 104.7 314.1



#70
Styrene
Concen: 0.536 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion:104 Resp: 3312
Ion Ratio Lower Upper
104 100
78 52.5 38.6 58.0
103 56.4 43.8 65.6





#71

Bromoform

Concen: 0.574 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

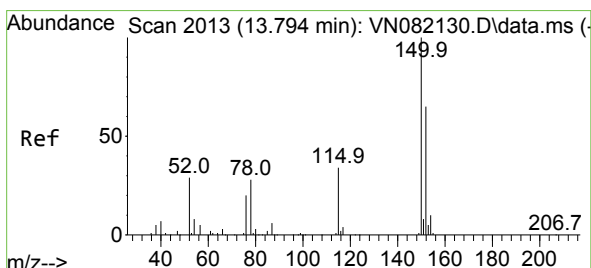
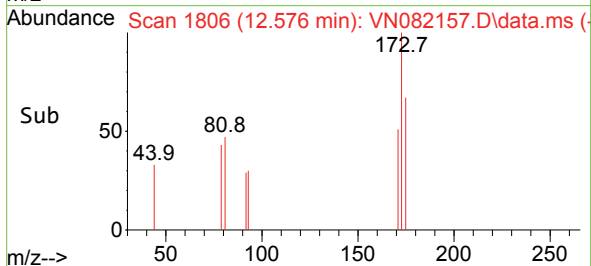
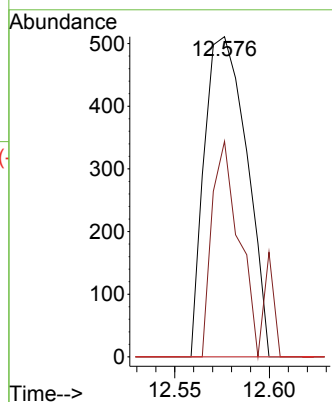
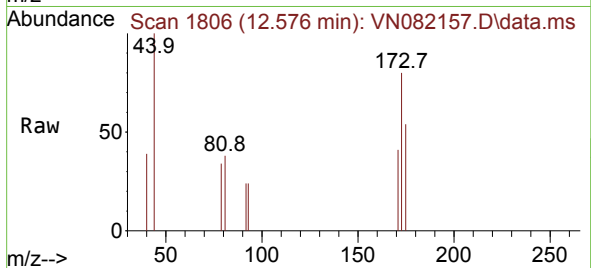
Tgt Ion:173 Resp: 795

Ion Ratio Lower Upper

173 100

175 50.3 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

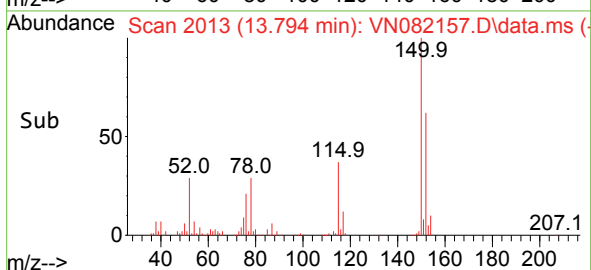
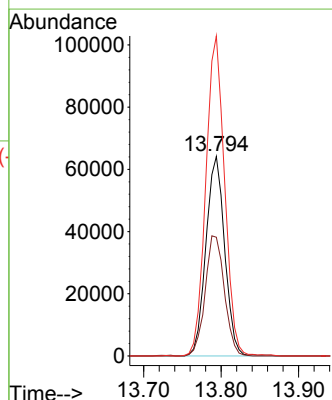
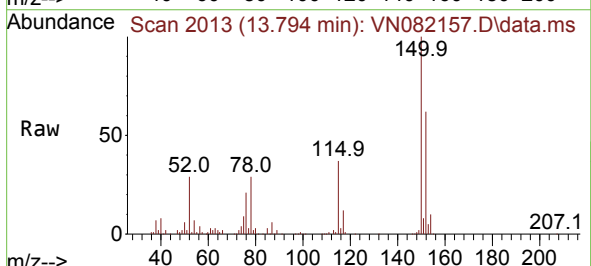
Tgt Ion:152 Resp: 107860

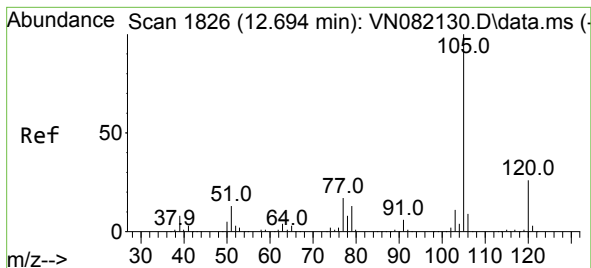
Ion Ratio Lower Upper

152 100

115 61.7 30.4 91.3

150 160.2 0.0 353.2





#73

Isopropylbenzene

Concen: 0.710 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

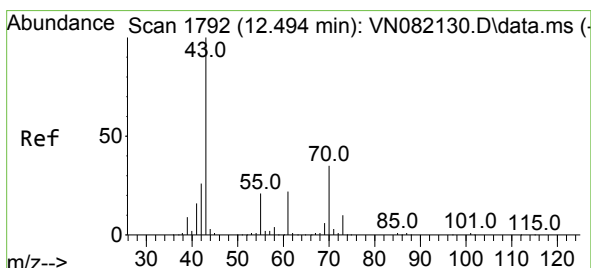
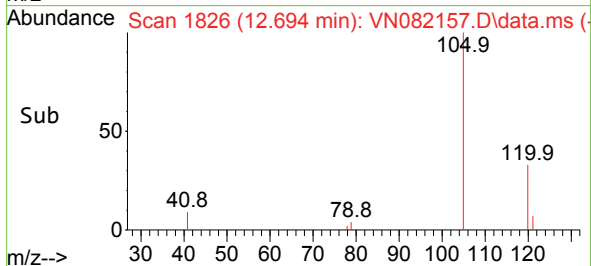
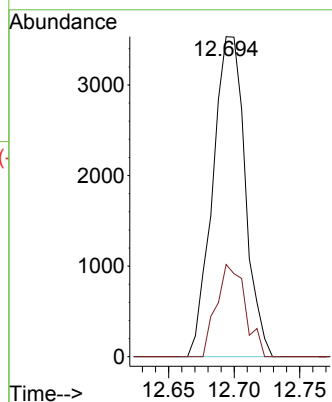
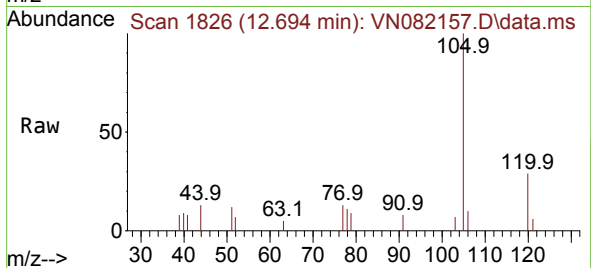
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 6080

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-ethyl acetate

Concen: 0.649 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Tgt Ion: 43 Resp: 3059

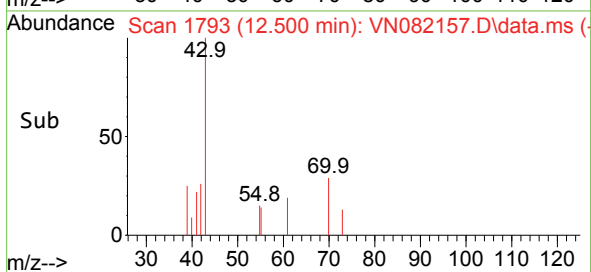
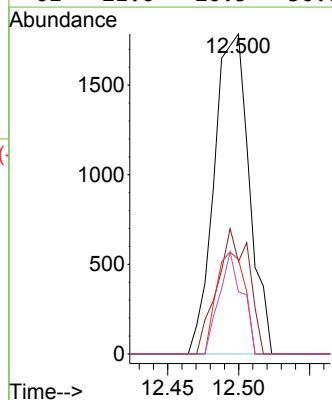
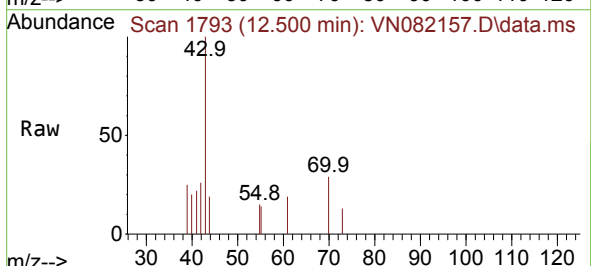
Ion Ratio Lower Upper

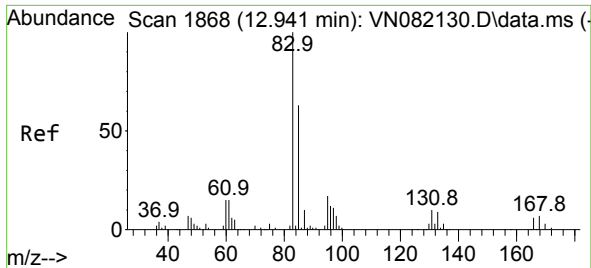
43 100

70 35.2 39.0 58.4#

55 25.8 21.3 31.9

61 21.0 20.5 30.7

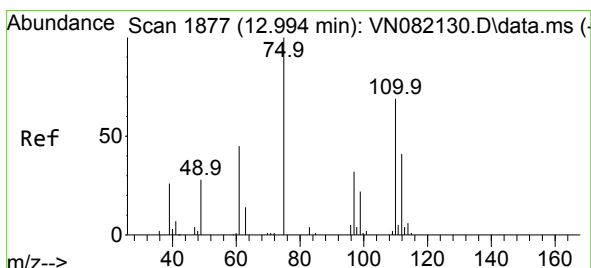
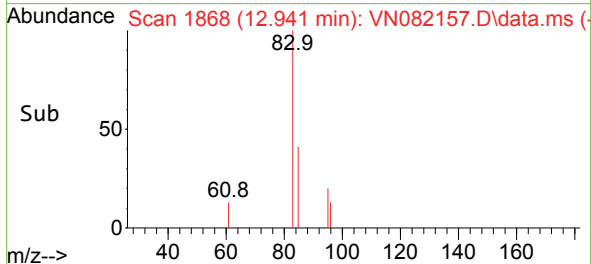
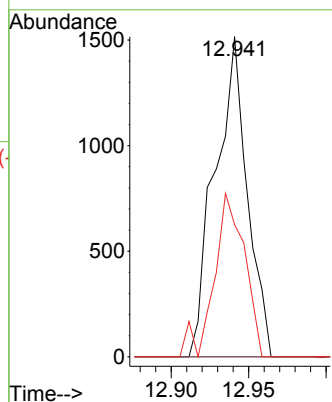
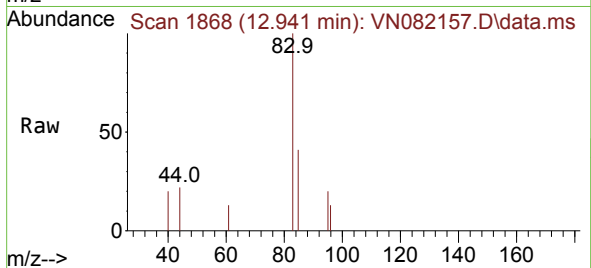




#75
1,1,2,2-Tetrachloroethane
Concen: 0.885 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

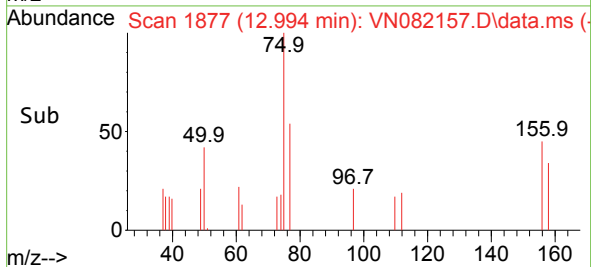
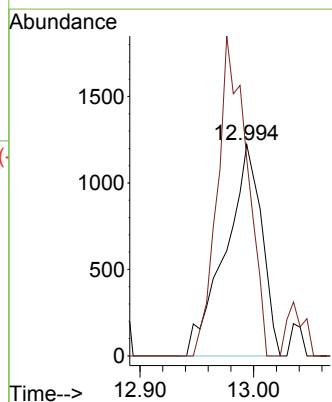
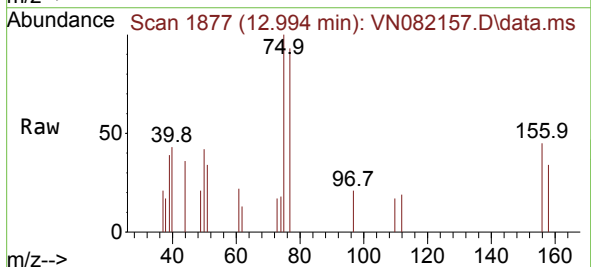
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

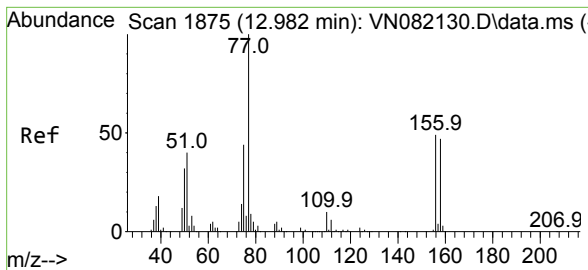
Tgt Ion: 83 Resp: 2186
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 48.2 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 1.197 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 75 Resp: 2717
Ion Ratio Lower Upper
75 100
77 124.4 90.5 271.3





#77

Bromobenzene

Concen: 0.898 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

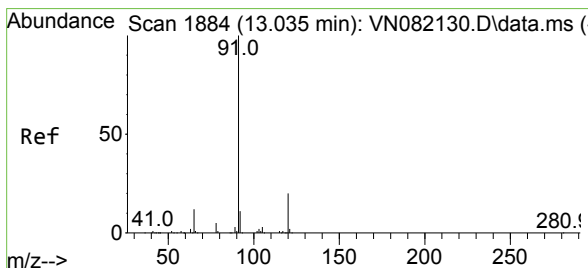
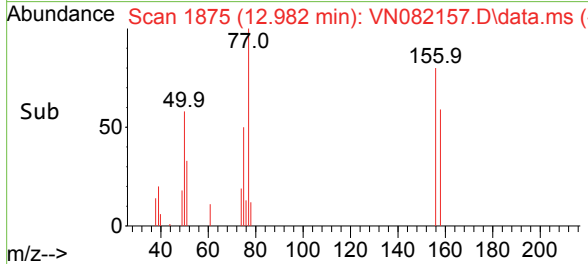
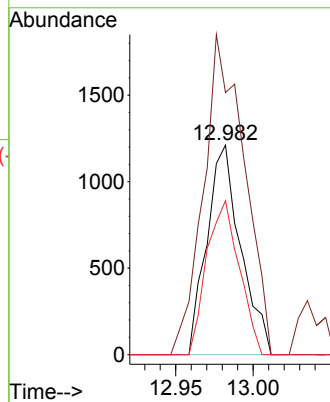
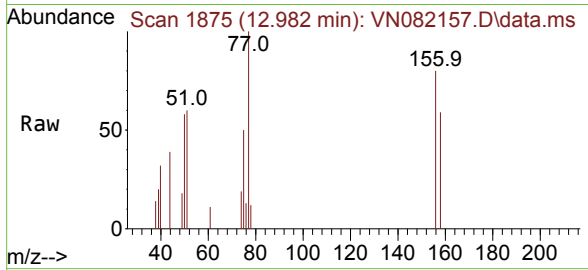
Tgt Ion:156 Resp: 1833

Ion Ratio Lower Upper

156 100

77 184.5 100.2 300.6

158 70.9 49.1 147.3



#78

n-propylbenzene

Concen: 0.668 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082157.D

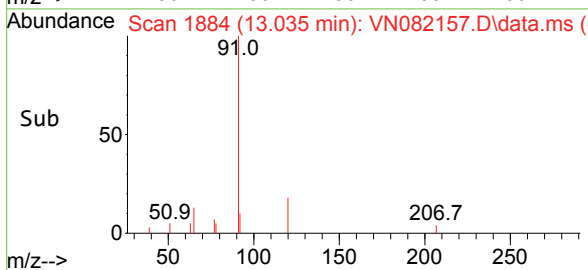
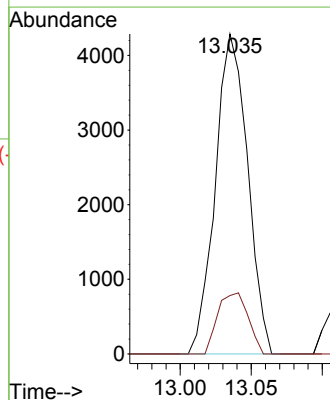
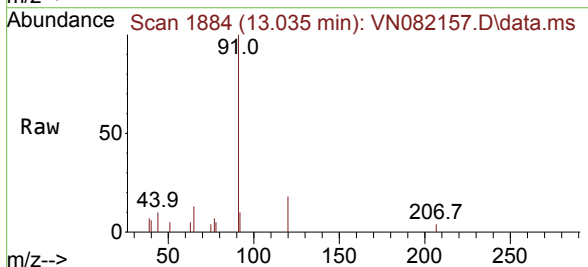
Acq: 16 May 2024 13:19

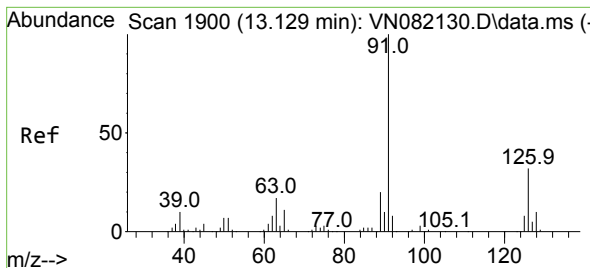
Tgt Ion: 91 Resp: 6783

Ion Ratio Lower Upper

91 100

120 17.9 11.7 35.0





#79

2-Chlorotoluene

Concen: 0.700 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

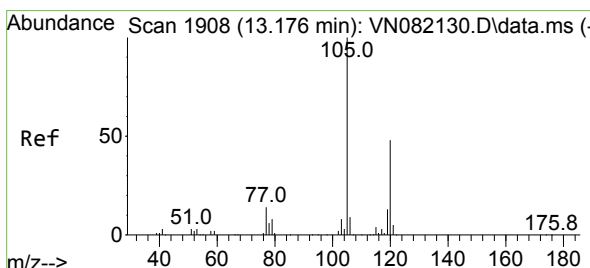
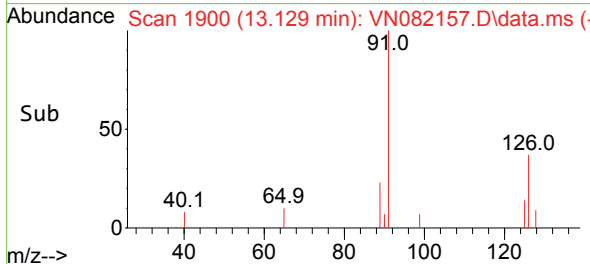
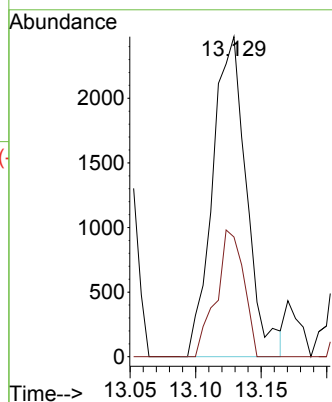
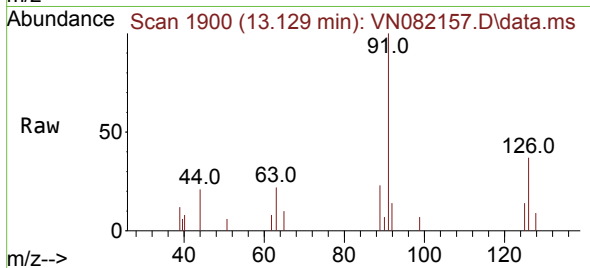
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 4463

Ion Ratio Lower Upper

91 100

126 31.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 0.619 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082157.D

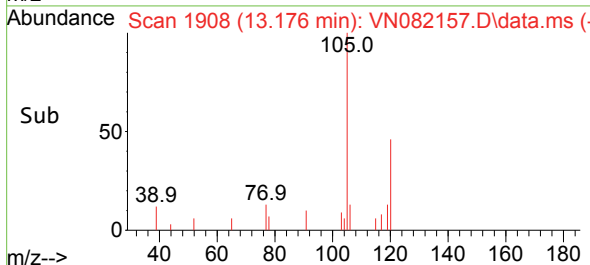
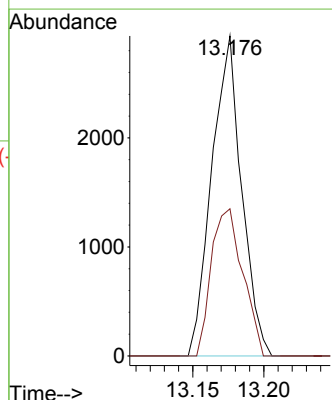
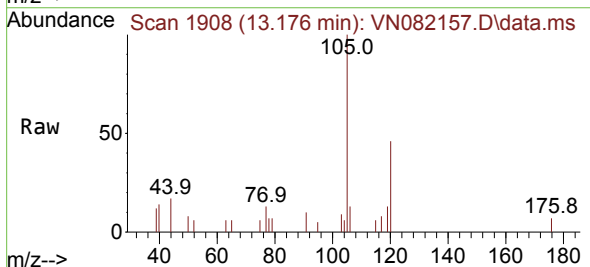
Acq: 16 May 2024 13:19

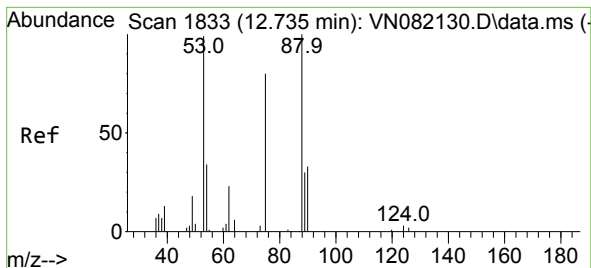
Tgt Ion:105 Resp: 4290

Ion Ratio Lower Upper

105 100

120 48.4 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 68.995 ug/l

RT: 12.847 min Scan# 1833

Delta R.T. 0.112 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

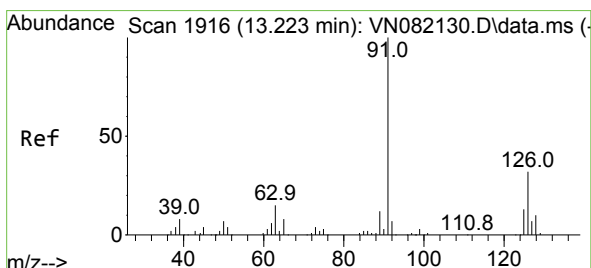
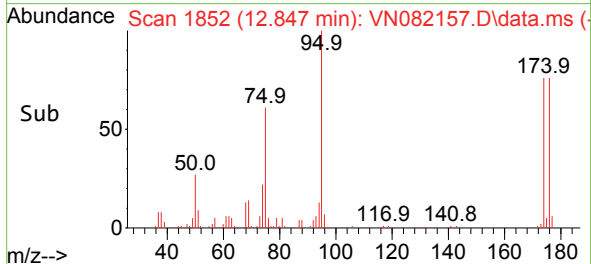
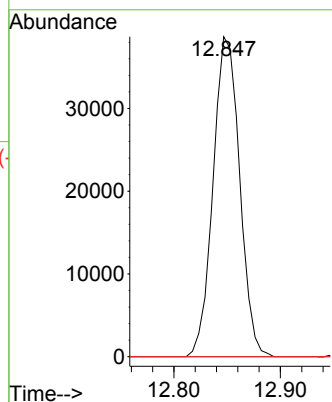
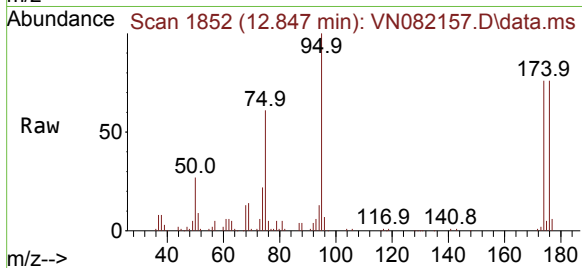
Tgt Ion: 75 Resp: 66967

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#



#82

4-Chlorotoluene

Concen: 0.687 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. -0.000 min

Lab File: VN082157.D

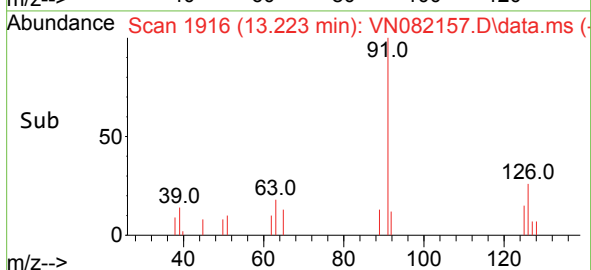
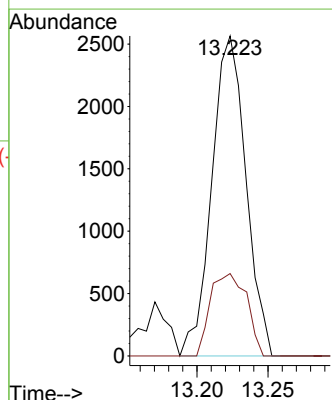
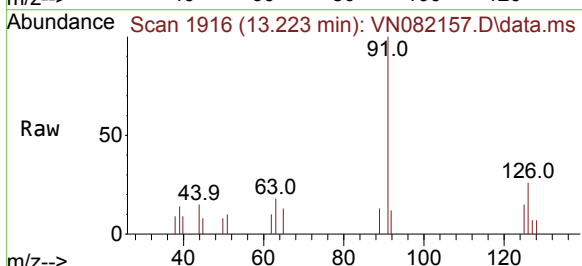
Acq: 16 May 2024 13:19

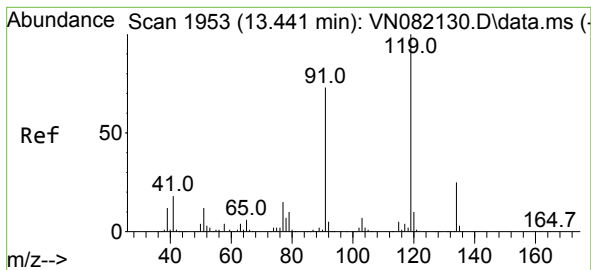
Tgt Ion: 91 Resp: 4281

Ion Ratio Lower Upper

91 100

126 27.4 17.4 52.3





#83

tert-Butylbenzene

Concen: 0.670 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

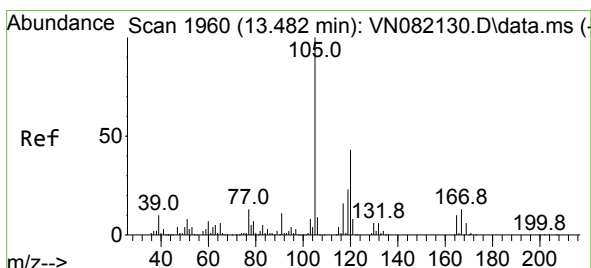
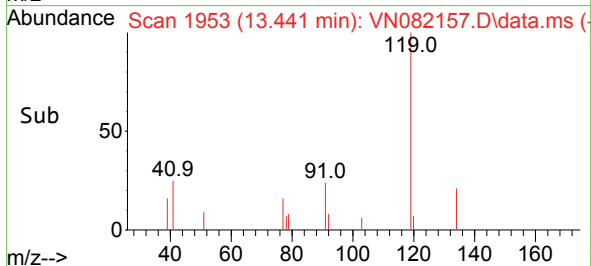
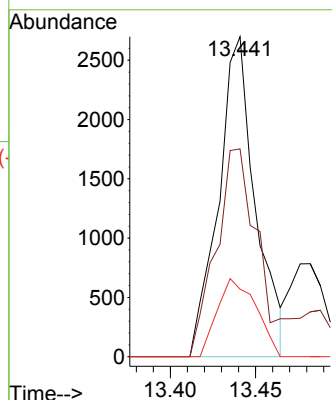
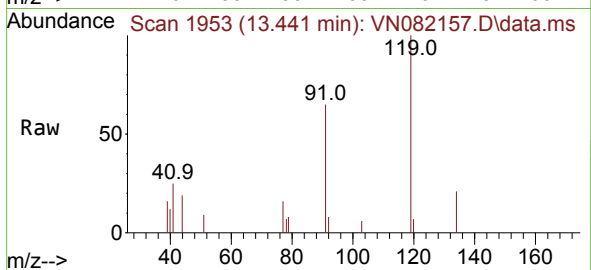
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	119	Resp:	4060
Ion	Ratio	Lower	Upper
119	100		
91	72.6	32.6	97.8
134	25.8	12.4	37.0



#84

1,2,4-Trimethylbenzene

Concen: 0.608 ug/l

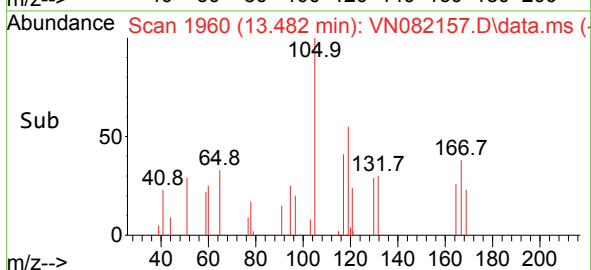
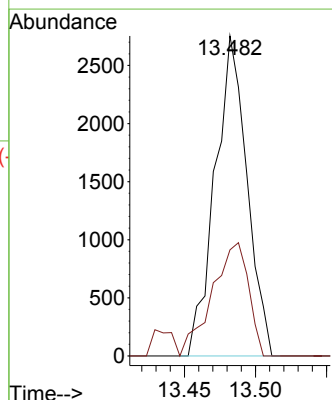
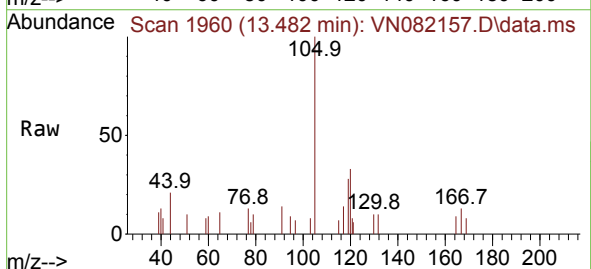
RT: 13.482 min Scan# 1960

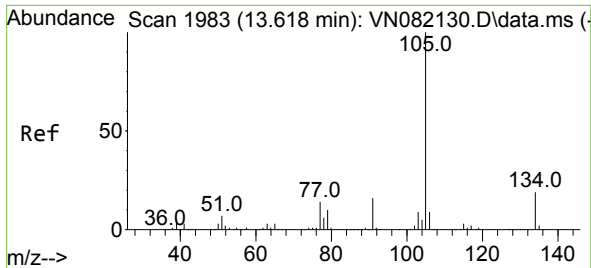
Delta R.T. -0.000 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Tgt Ion:	105	Resp:	4310
Ion	Ratio	Lower	Upper
105	100		
120	40.2	22.9	68.7

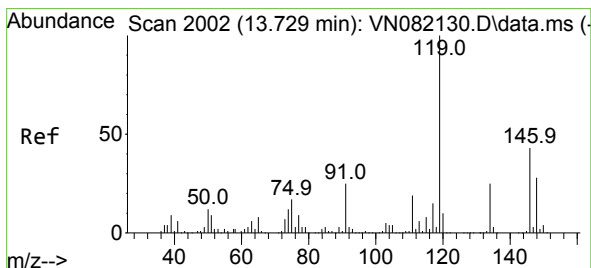
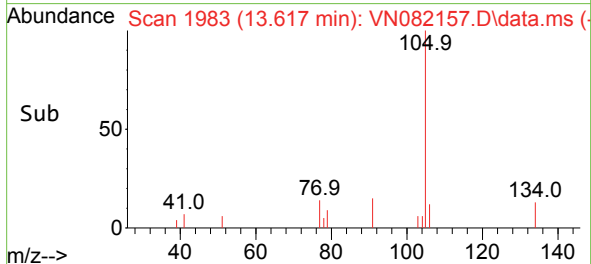
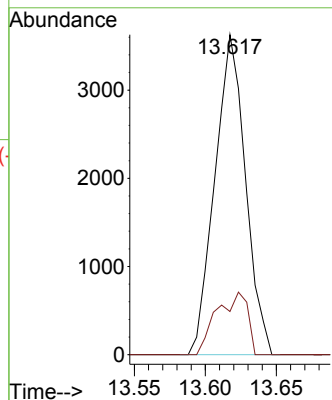
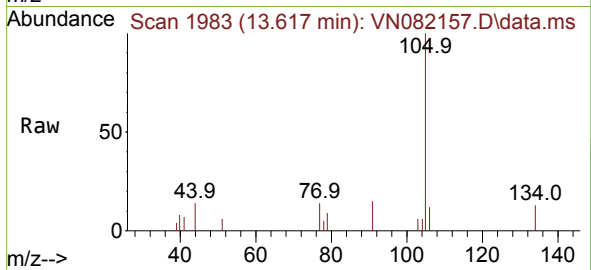




#85
 sec-Butylbenzene
 Concen: 0.648 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082157.D
 Acq: 16 May 2024 13:19

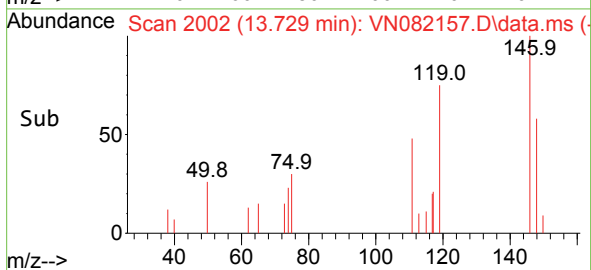
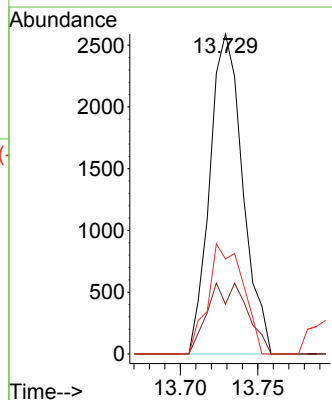
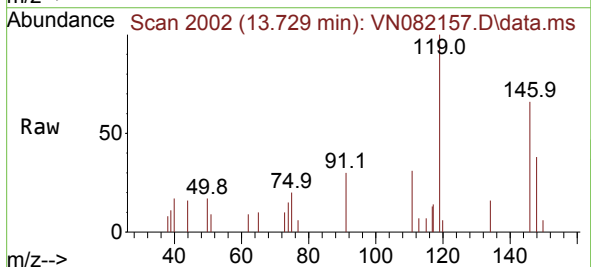
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2024

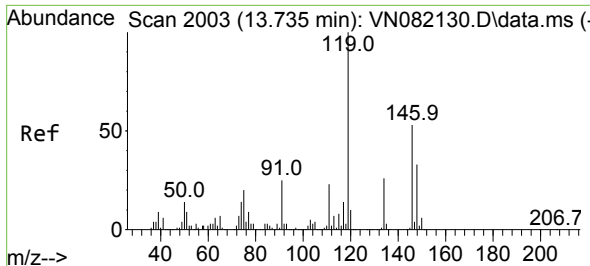
Tgt Ion:105 Resp: 5443
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.561 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082157.D
 Acq: 16 May 2024 13:19

Tgt Ion:119 Resp: 3832
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 36.2 11.8 35.3#

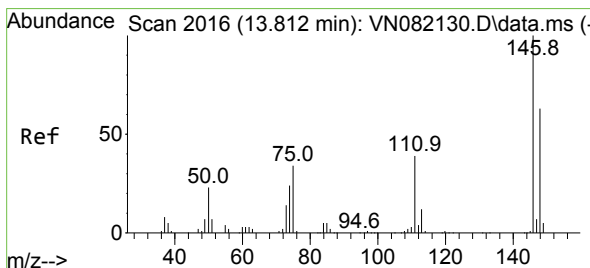
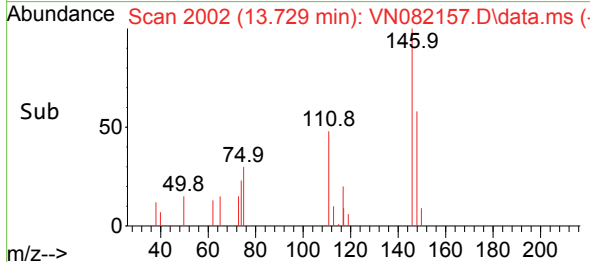
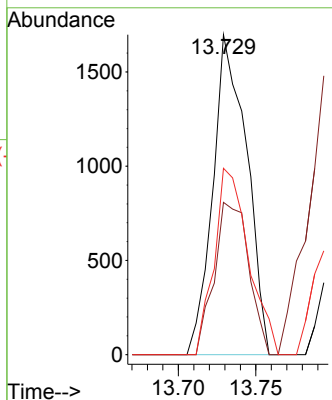
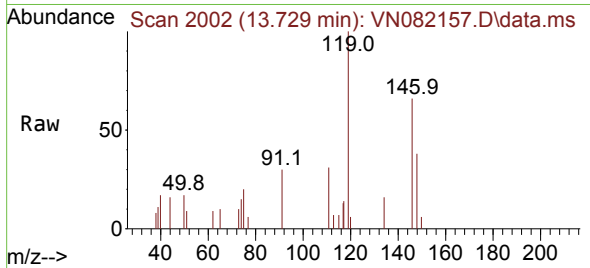




#87
1,3-Dichlorobenzene
Concen: 0.695 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

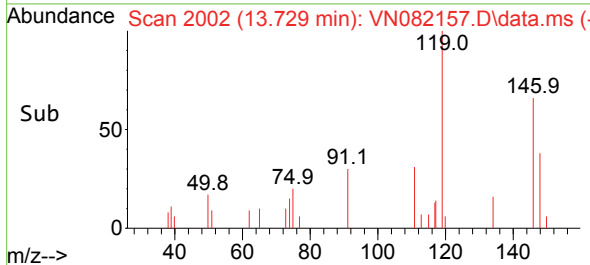
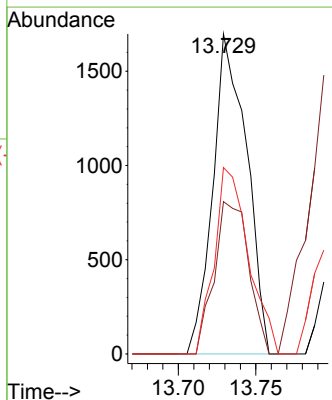
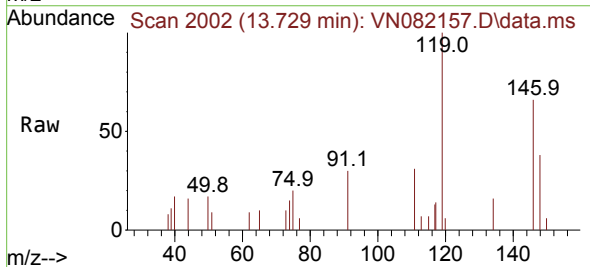
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

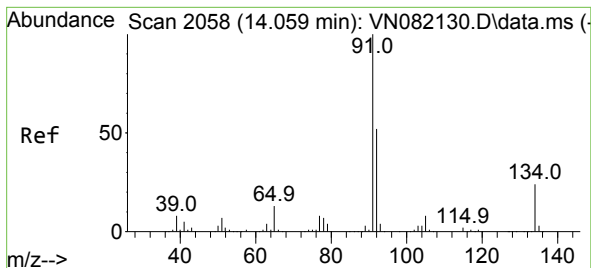
Tgt Ion:146 Resp: 2571
Ion Ratio Lower Upper
146 100
111 48.6 20.8 62.5
148 59.3 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 0.681 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.083 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion:146 Resp: 2571
Ion Ratio Lower Upper
146 100
111 48.6 19.3 57.9
148 59.3 31.3 93.9





#89

n-Butylbenzene

Concen: 0.597 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN082157.D

Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

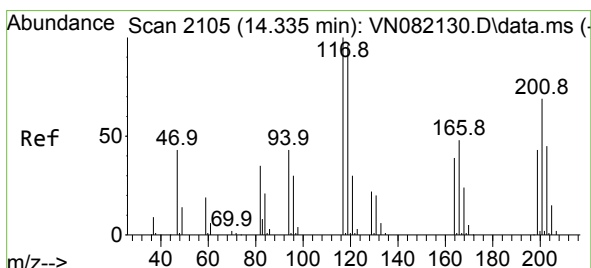
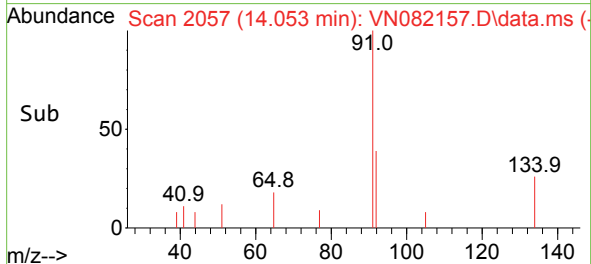
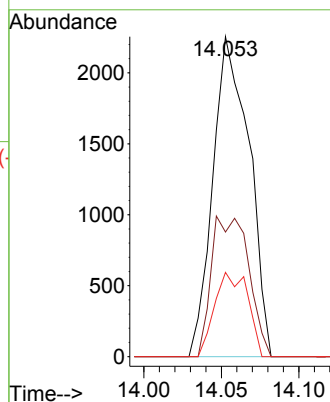
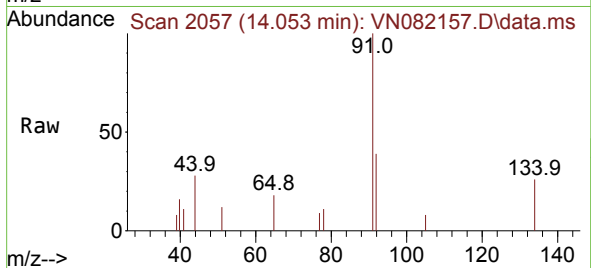
Tgt Ion: 91 Resp: 3663

Ion Ratio Lower Upper

91 100

92 45.0 26.2 78.5

134 24.1 13.2 39.5



#90

Hexachloroethane

Concen: 0.665 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082157.D

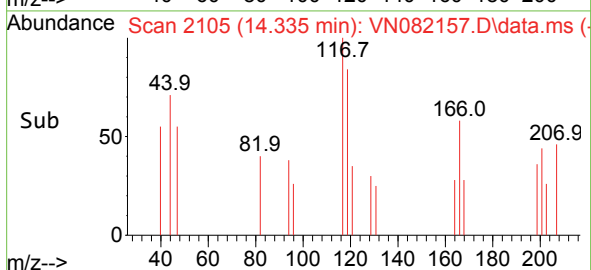
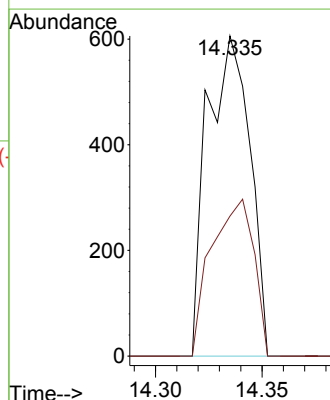
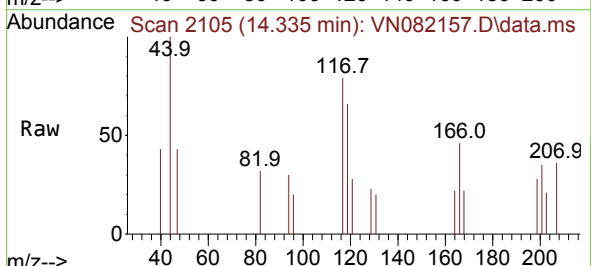
Acq: 16 May 2024 13:19

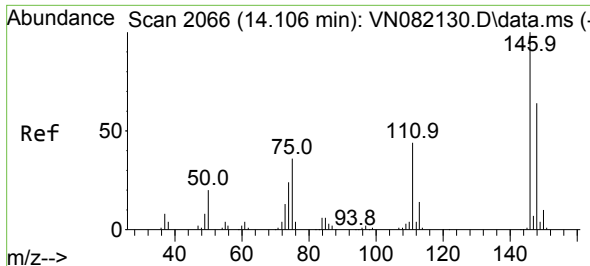
Tgt Ion: 117 Resp: 841

Ion Ratio Lower Upper

117 100

201 48.9 33.3 99.8

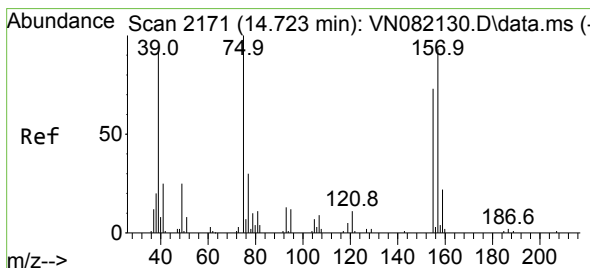
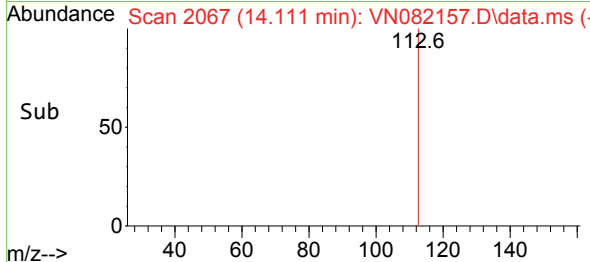
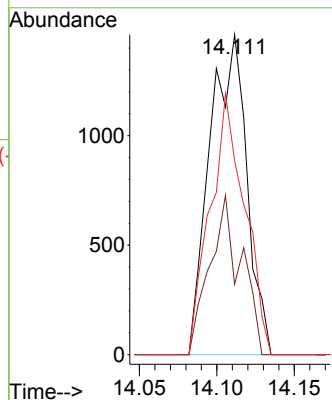
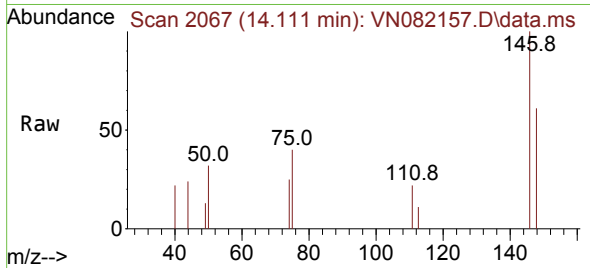




#91
1,2-Dichlorobenzene
Concen: 0.692 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

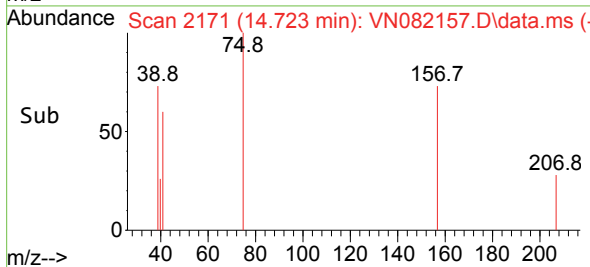
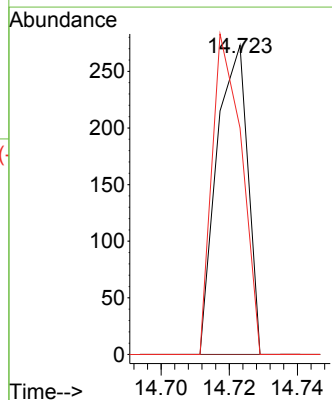
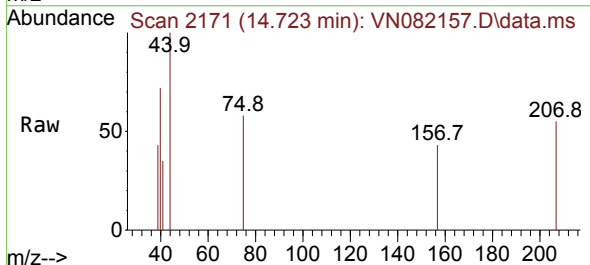
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

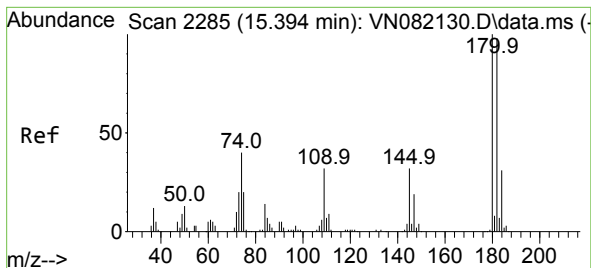
Tgt Ion:146 Resp: 2423
Ion Ratio Lower Upper
146 100
111 42.2 21.3 64.0
148 76.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.339 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion: 75 Resp: 172
Ion Ratio Lower Upper
75 100
155 0.0 42.6 128.0#
157 98.8 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 0.625 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN082157.D

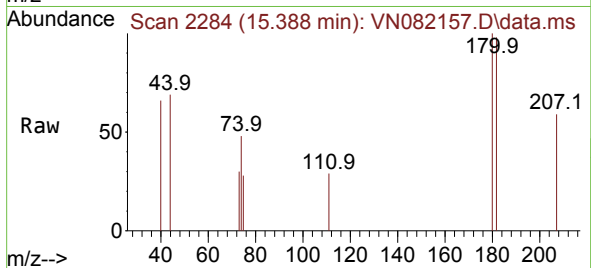
Acq: 16 May 2024 13:19

Instrument :

MSVOA_N

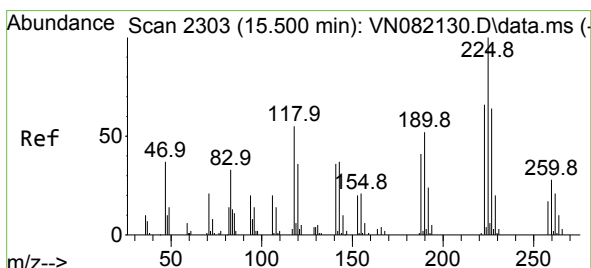
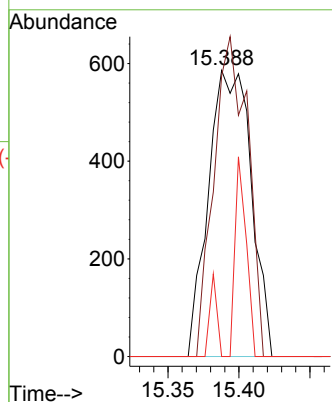
ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:180 Resp: 1227

Ion	Ratio	Lower	Upper
180	100		
182	88.6	46.7	140.0
145	23.2	16.2	48.6



#94

Hexachlorobutadiene

Concen: 0.715 ug/l

RT: 15.500 min Scan# 2303

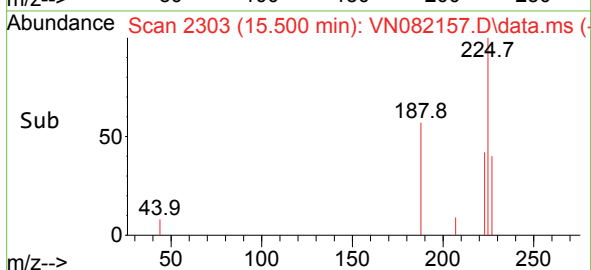
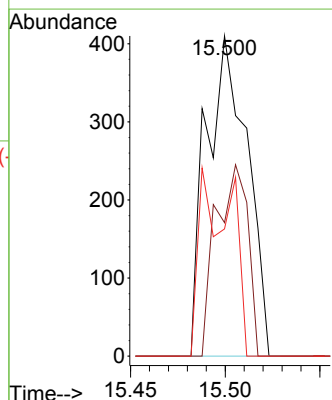
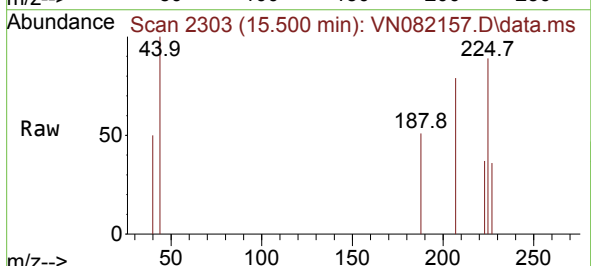
Delta R.T. -0.000 min

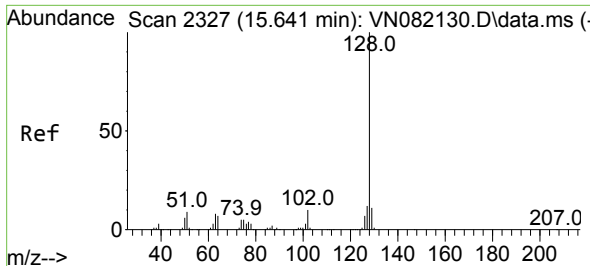
Lab File: VN082157.D

Acq: 16 May 2024 13:19

Tgt Ion:225 Resp: 616

Ion	Ratio	Lower	Upper
225	100		
223	46.3	31.1	93.2
227	45.0	30.6	91.6

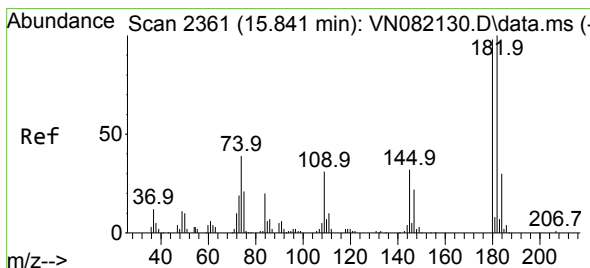
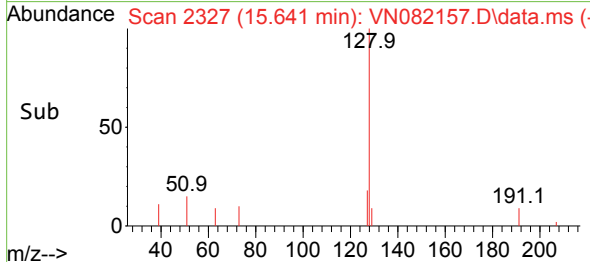
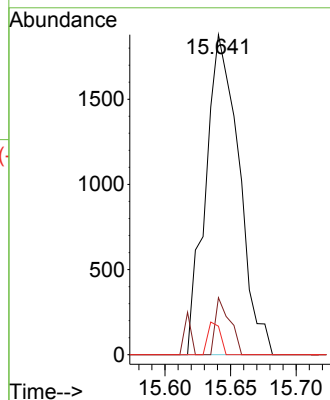
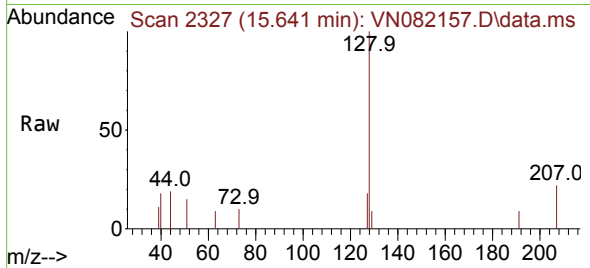




#95
Naphthalene
Concen: 0.542 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:128 Resp: 3336
Ion Ratio Lower Upper
128 100
127 7.7 10.1 15.1#
129 3.8 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.586 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN082157.D
Acq: 16 May 2024 13:19

Tgt Ion:180 Resp: 1152
Ion Ratio Lower Upper
180 100
182 75.7 46.0 137.8
145 23.4 17.1 51.3

