

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082158.D
 Acq On : 16 May 2024 13:43
 Operator : JC\MD
 Sample : P2403-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 17 04:12:07 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	173847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	144387	52.598	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.200%	
35) Dibromofluoromethane	8.171	113	96251	52.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.740%	
50) Toluene-d8	10.565	98	366523	52.014	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.847	95	120576	47.941	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	6019	2.401	ug/l	82
3) Chloromethane	2.365	50	7493	2.638	ug/l	96
4) Vinyl Chloride	2.512	62	6630	2.483	ug/l	91
5) Bromomethane	2.959	94	4674	3.045	ug/l	94
6) Chloroethane	3.124	64	4937	2.831	ug/l #	85
7) Trichlorofluoromethane	3.506	101	9028	2.582	ug/l	95
8) Diethyl Ether	3.965	74	3233	2.595	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	5326	2.607	ug/l	97
10) Methyl Iodide	4.583	142	4132	2.012	ug/l #	93
11) Tert butyl alcohol	5.518	59	6177	14.018	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	4746	2.500	ug/l	81
13) Acrolein	4.183	56	3526	10.798	ug/l	88
14) Allyl chloride	5.024	41	10096	2.484	ug/l #	90
15) Acrylonitrile	5.724	53	15298	13.405	ug/l	98
16) Acetone	4.442	43	13821	12.274	ug/l	93
17) Carbon Disulfide	4.712	76	15002	2.446	ug/l	100
18) Methyl Acetate	5.024	43	7366	2.627	ug/l #	79
19) Methyl tert-butyl Ether	5.794	73	18394	2.650	ug/l	95
20) Methylene Chloride	5.277	84	6623	2.915	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	5102	2.466	ug/l #	80
22) Diisopropyl ether	6.671	45	21856	2.575	ug/l #	92
23) Vinyl Acetate	6.606	43	88052	13.157	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	11304	2.584	ug/l	97
25) 2-Butanone	7.483	43	22021	12.898	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	9707	2.649	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	6164	2.524	ug/l	77
28) Bromochloromethane	7.812	49	5985	2.936	ug/l #	74
29) Tetrahydrofuran	7.841	42	14049	12.816	ug/l #	81
30) Chloroform	7.965	83	10992	2.631	ug/l	89
31) Cyclohexane	8.253	56	15193	3.465	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	9889	2.668	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	7849	2.546	ug/l	94
37) Ethyl Acetate	7.565	43	8972	2.601	ug/l #	92
38) Carbon Tetrachloride	8.365	117	7727	2.473	ug/l	91
39) Methylcyclohexane	9.600	83	8586	2.541	ug/l #	85
40) Benzene	8.606	78	23784	2.587	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	5124	2.526	ug/l #	80
42) 1,2-Dichloroethane	8.671	62	9918	2.805	ug/l	97
43) Isopropyl Acetate	8.688	43	15825	2.589	ug/l #	87
44) Trichloroethene	9.347	130	5855	2.804	ug/l	100
45) 1,2-Dichloropropane	9.629	63	6276	2.646	ug/l	98
46) Dibromomethane	9.706	93	4222	2.711	ug/l	93
47) Bromodichloromethane	9.888	83	8146	2.478	ug/l	97
48) Methyl methacrylate	9.682	41	7899	2.712	ug/l #	75
49) 1,4-Dioxane	9.706	88	2228	54.588	ug/l #	63
51) 4-Methyl-2-Pentanone	10.447	43	43830	12.620	ug/l	89
52) Toluene	10.629	92	14640	2.654	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	8013	2.357	ug/l #	88
54) cis-1,3-Dichloropropene	10.318	75	9321	2.590	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	5091	2.540	ug/l	92
56) Ethyl methacrylate	10.871	69	8163	2.398	ug/l #	72
57) 1,3-Dichloropropane	11.159	76	9529	2.542	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	20806	11.852	ug/l	92
59) 2-Hexanone	11.200	43	30966	12.177	ug/l	88
60) Dibromochloromethane	11.353	129	5291	2.392	ug/l	95
61) 1,2-Dibromoethane	11.465	107	5263	2.556	ug/l	100
64) Tetrachloroethene	11.106	164	5336	2.635	ug/l	96
65) Chlorobenzene	11.894	112	14085	2.334	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	5016	2.523	ug/l	95
67) Ethyl Benzene	11.965	91	25101	2.325	ug/l	98
68) m/p-Xylenes	12.070	106	18449	4.662	ug/l	96
69) o-Xylene	12.400	106	8894	2.320	ug/l	92
70) Styrene	12.418	104	13999	2.199	ug/l	95
71) Bromoform	12.582	173	3392	2.376	ug/l #	95
73) Isopropylbenzene	12.694	105	22497	2.514	ug/l	98
74) N-amyl acetate	12.494	43	11362	2.308	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.935	83	7092	2.749	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	9842	4.151	ug/l	69
77) Bromobenzene	12.982	156	5599	2.625	ug/l	81
78) n-propylbenzene	13.035	91	26683	2.518	ug/l	95
79) 2-Chlorotoluene	13.129	91	17052	2.562	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	17740	2.451	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	71990	71.014	ug/l #	12
82) 4-Chlorotoluene	13.223	91	16729	2.571	ug/l	93
83) tert-Butylbenzene	13.435	119	15818	2.498	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	16902	2.283	ug/l	96
85) sec-Butylbenzene	13.617	105	20726	2.362	ug/l	97
86) p-Isopropyltoluene	13.729	119	15820	2.218	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	9583	2.480	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	9821	2.490	ug/l	88
89) n-Butylbenzene	14.053	91	14268	2.226	ug/l	96
90) Hexachloroethane	14.335	117	2761	2.090	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	9290	2.540	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1206	2.275	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	4103	2.001	ug/l	90
94) Hexachlorobutadiene	15.500	225	2113	2.349	ug/l	97
95) Naphthalene	15.641	128	14381	2.238	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	4618	2.250	ug/l	96

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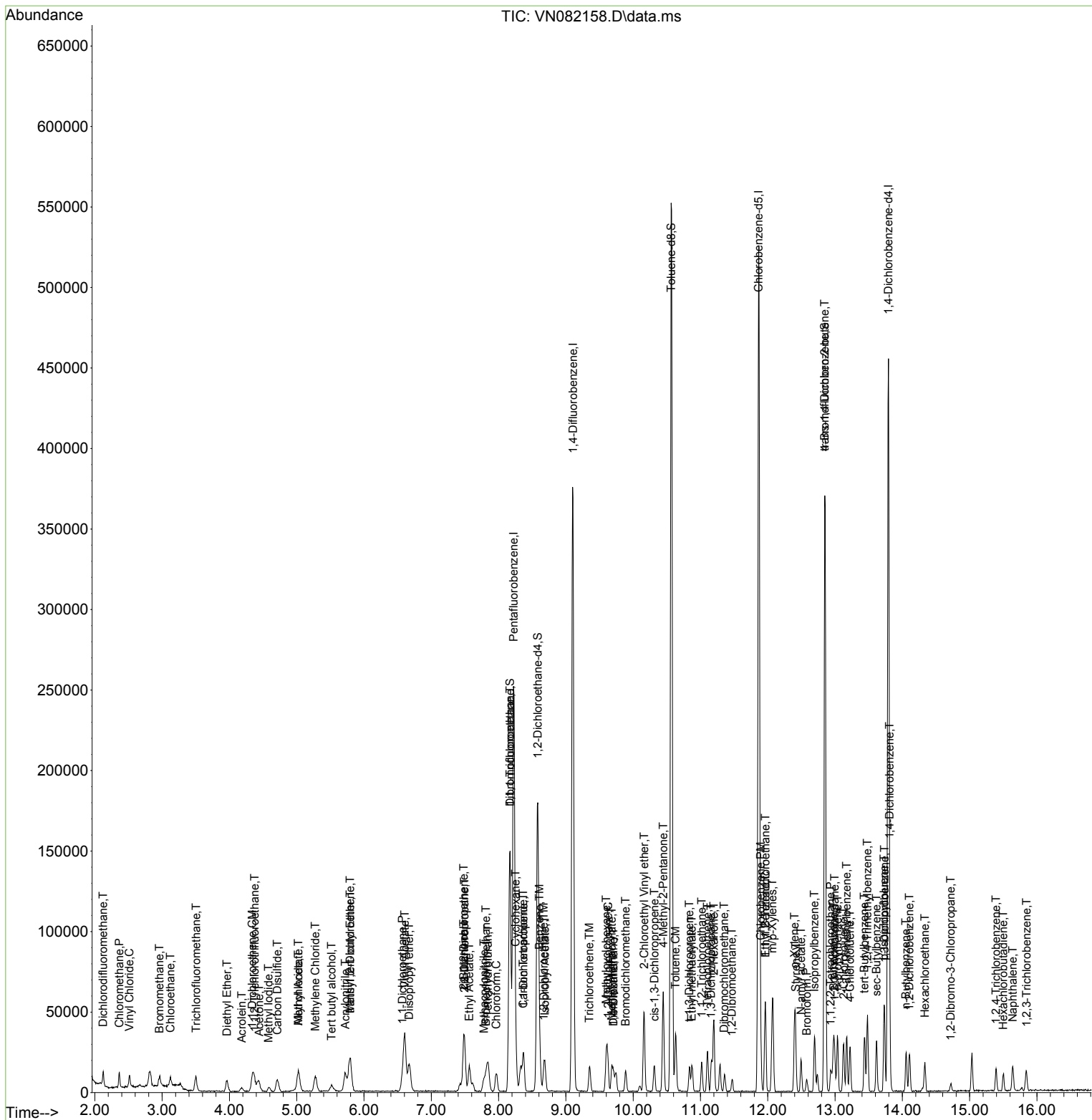
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

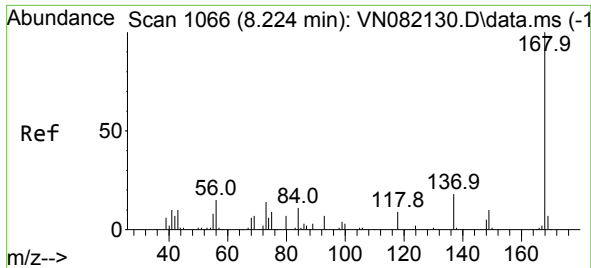
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

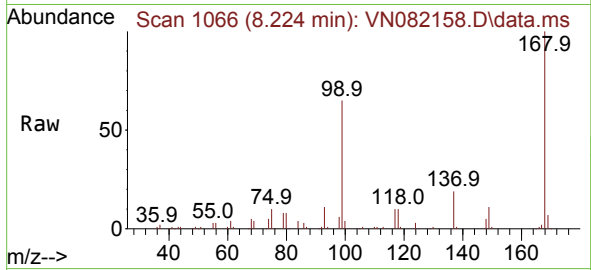
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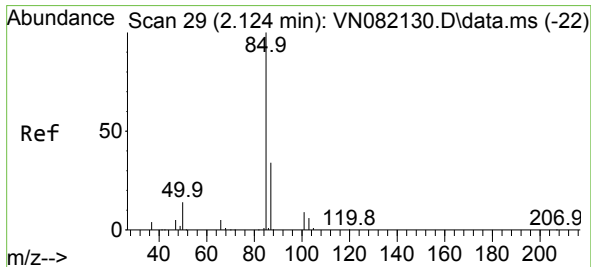
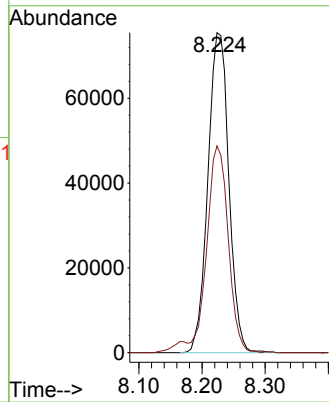
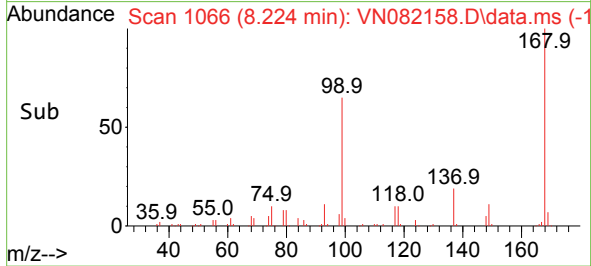


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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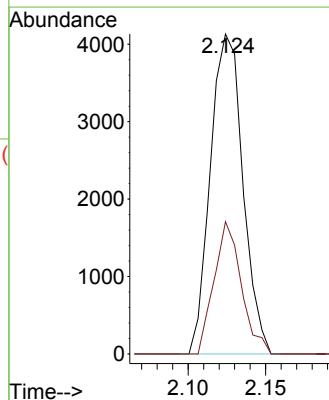
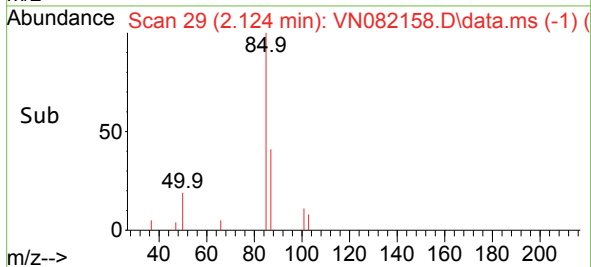
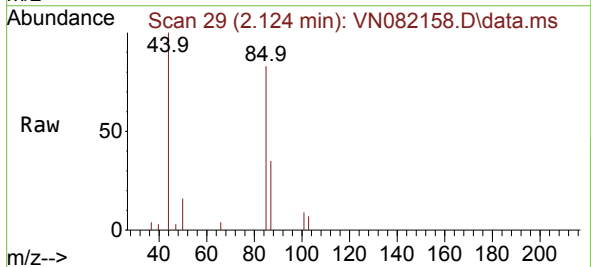


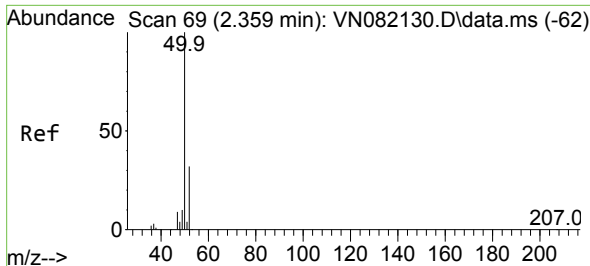
Tgt Ion:168 Resp: 173847
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 2.401 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 85 Resp: 6019
Ion Ratio Lower Upper
85 100
87 41.4 15.8 47.4

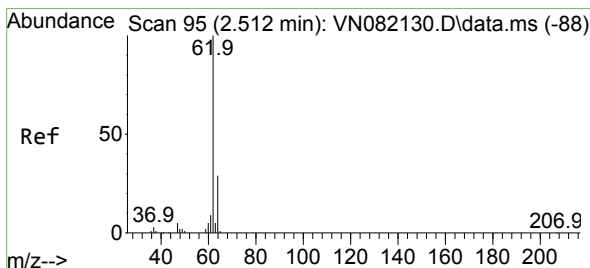
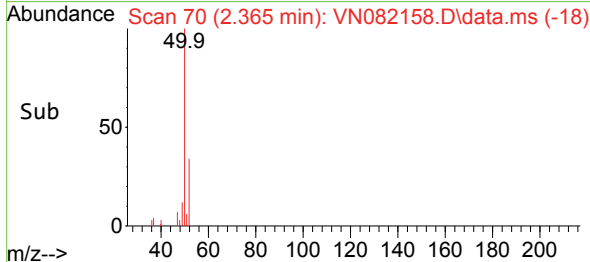
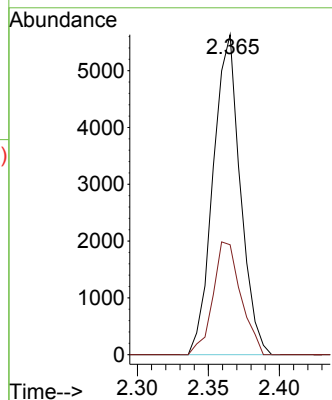
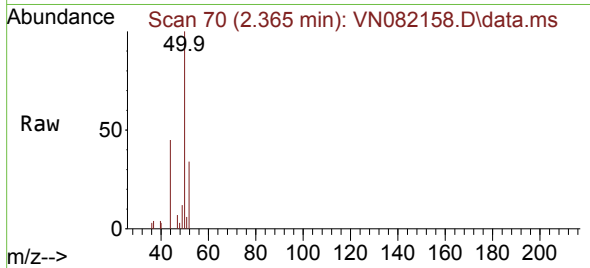




#3
Chloromethane
Concen: 2.638 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082158.D
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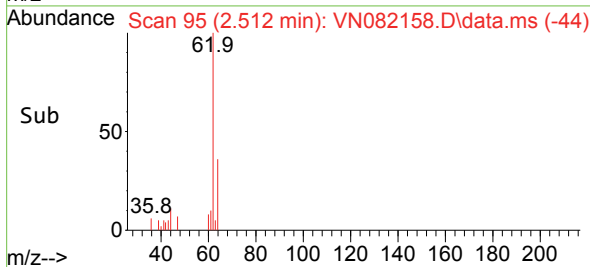
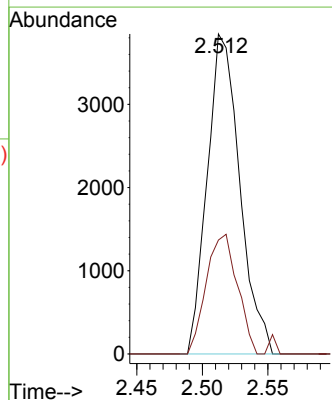
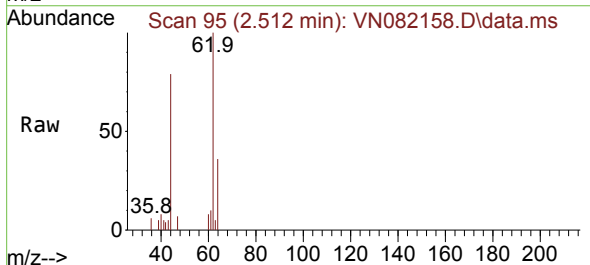
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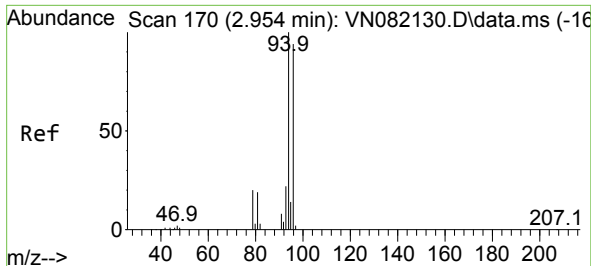
Tgt Ion: 50 Resp: 7493
Ion Ratio Lower Upper
50 100
52 34.3 25.5 38.3



#4
Vinyl Chloride
Concen: 2.483 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 62 Resp: 6630
Ion Ratio Lower Upper
62 100
64 35.6 24.6 37.0

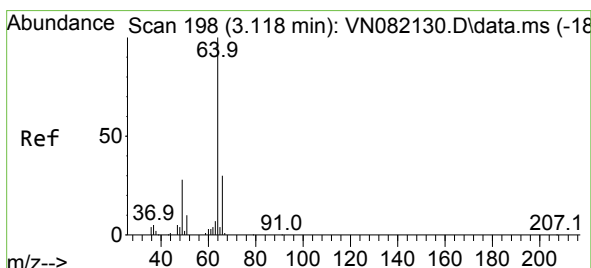
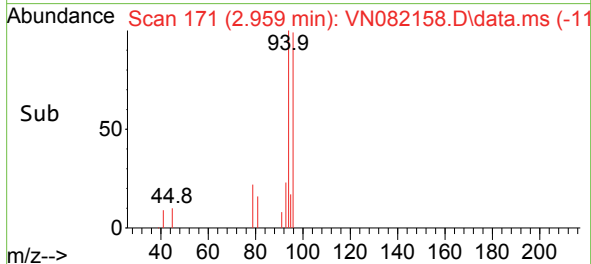
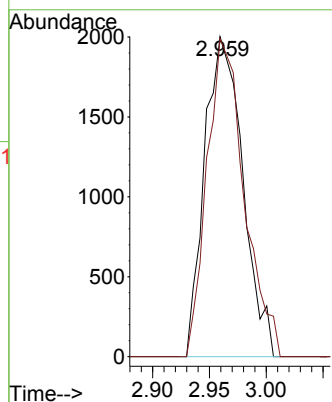
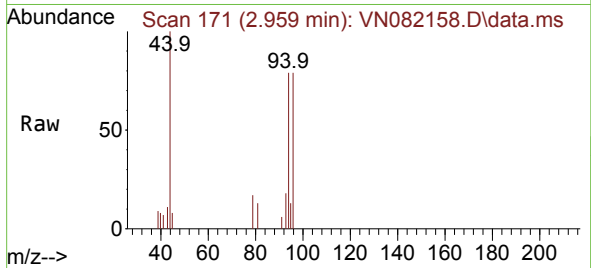




#5
Bromomethane
Concen: 3.045 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082158.D
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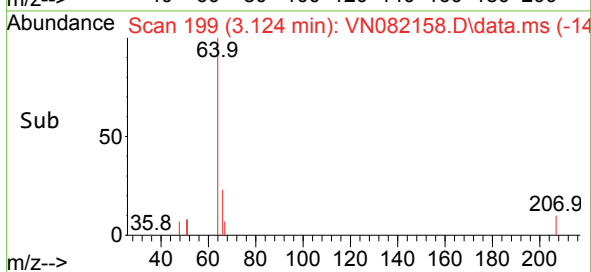
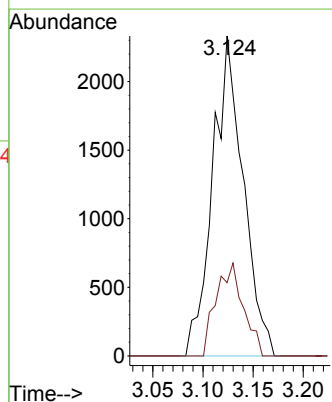
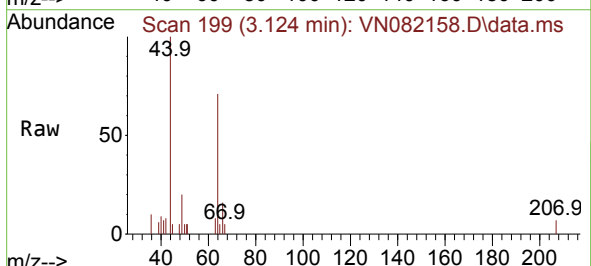
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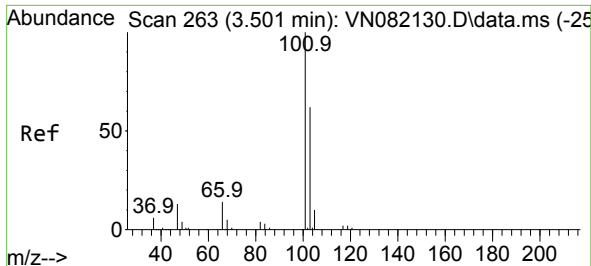
Tgt Ion: 94 Resp: 4674
Ion Ratio Lower Upper
94 100
96 99.4 74.8 112.2



#6
Chloroethane
Concen: 2.831 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 64 Resp: 4937
Ion Ratio Lower Upper
64 100
66 22.9 24.7 37.1#

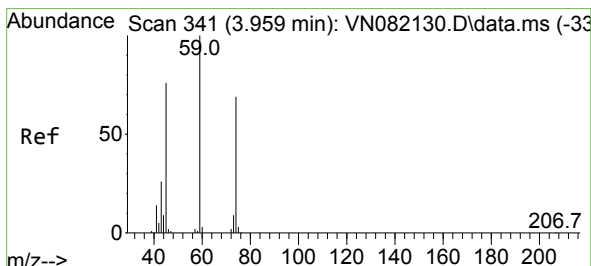
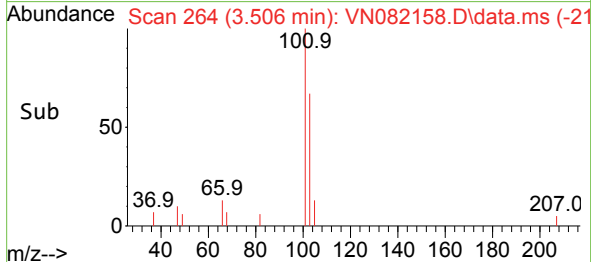
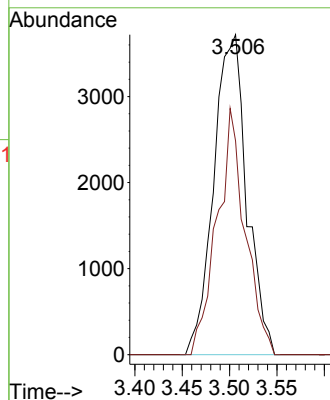
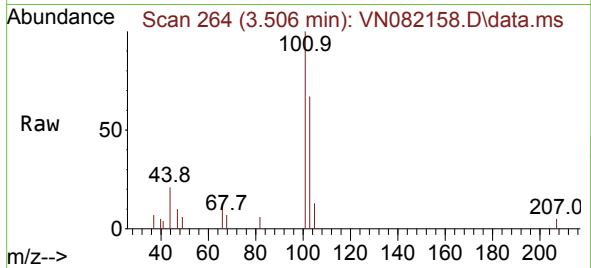




#7
Trichlorofluoromethane
Concen: 2.582 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN082158.D
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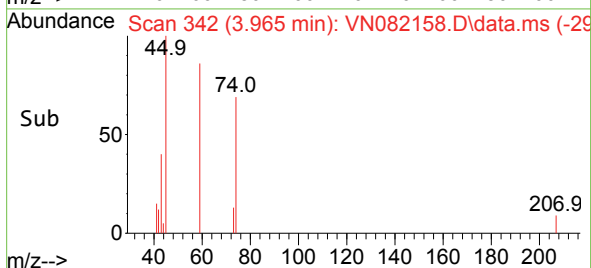
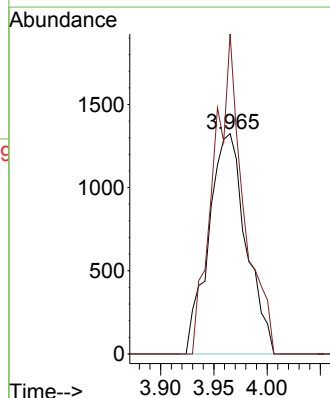
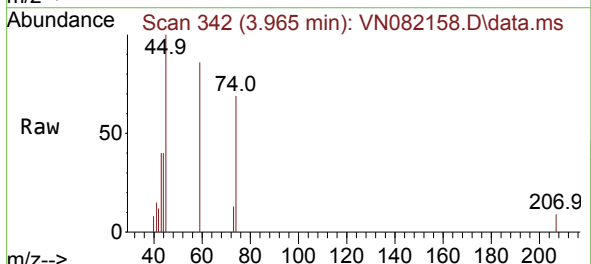
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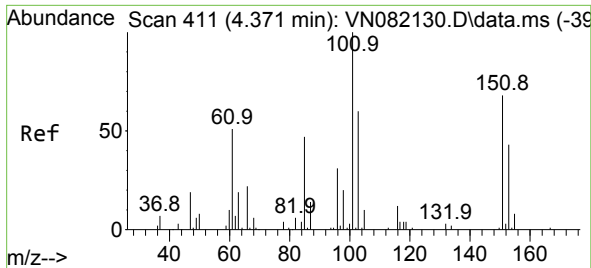
Tgt Ion:101 Resp: 9028
Ion Ratio Lower Upper
101 100
103 66.8 50.6 75.8



#8
Diethyl Ether
Concen: 2.595 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 3233
Ion Ratio Lower Upper
74 100
45 116.1 42.4 127.3

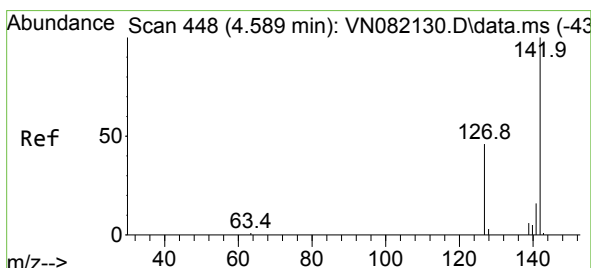
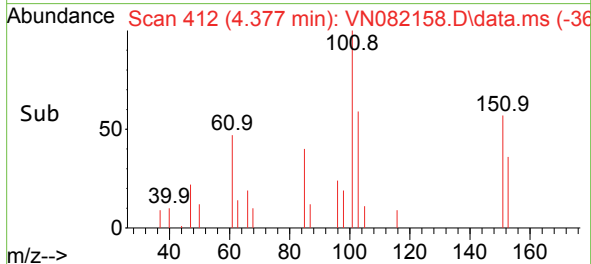
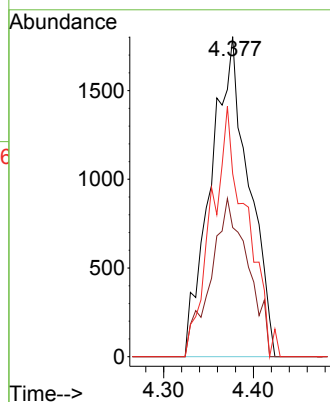
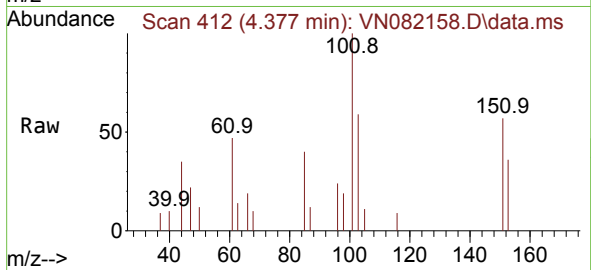




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.607 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

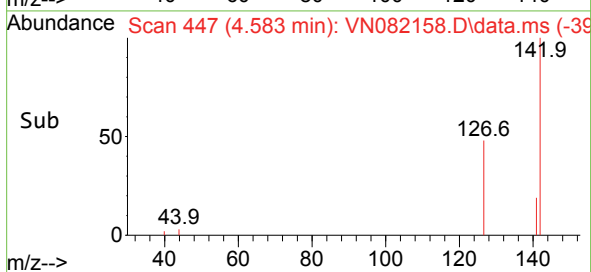
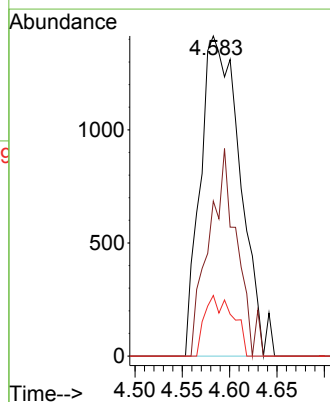
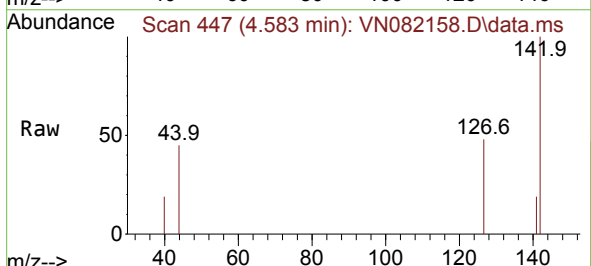
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

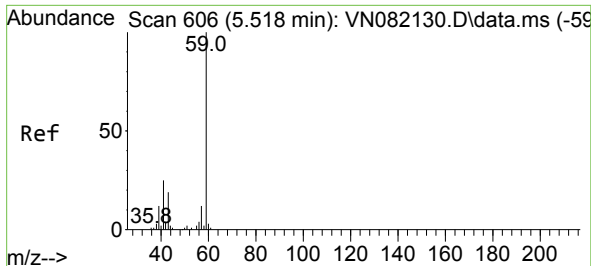
Tgt Ion:101 Resp: 5326
Ion Ratio Lower Upper
101 100
85 48.3 37.3 55.9
151 71.7 59.2 88.8



#10
Methyl Iodide
Concen: 2.012 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion:142 Resp: 4132
Ion Ratio Lower Upper
142 100
127 48.4 35.8 53.6
141 18.9 11.4 17.2#

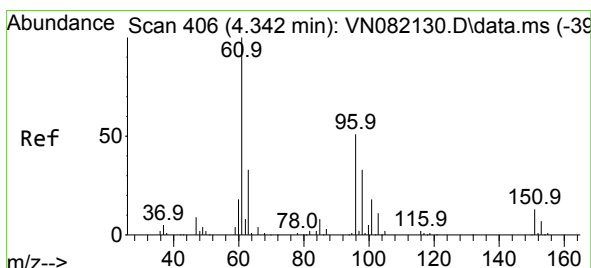
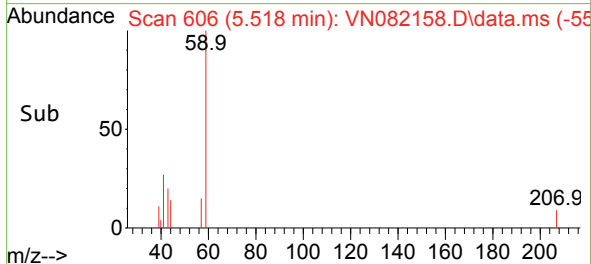
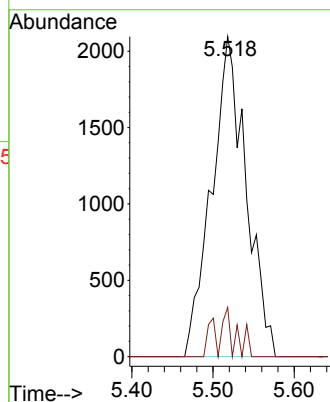
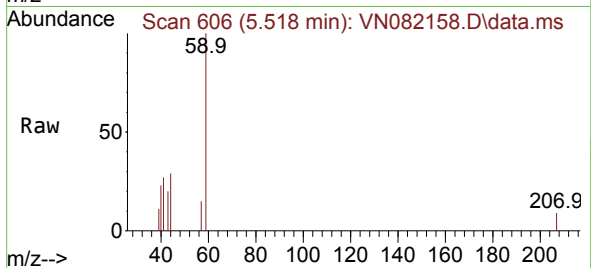




#11
Tert butyl alcohol
Concen: 14.018 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

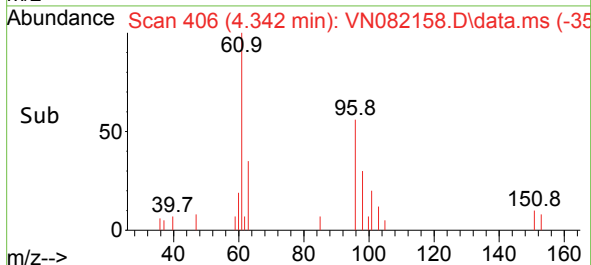
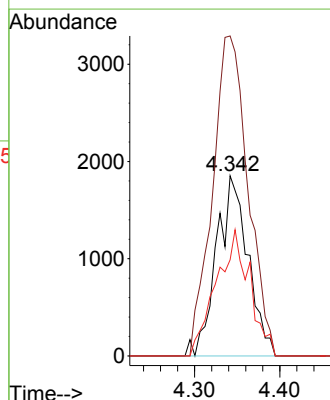
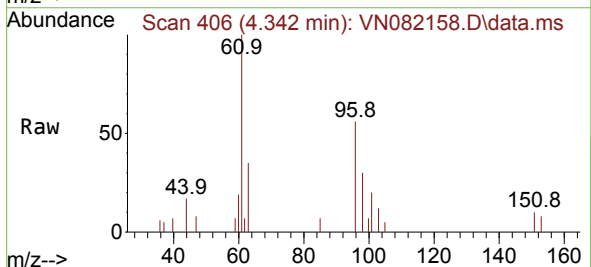
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

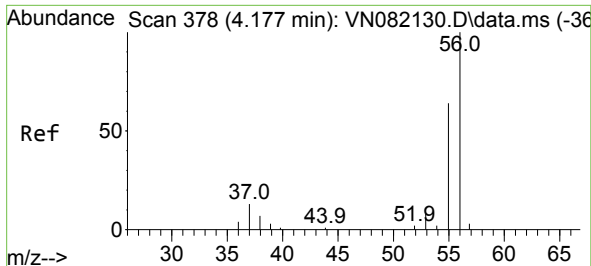
Tgt Ion: 59 Resp: 6177
Ion Ratio Lower Upper
59 100
57 5.5 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 2.500 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 96 Resp: 4746
Ion Ratio Lower Upper
96 100
61 177.6 119.7 179.5
98 53.4 49.6 74.4





#13

Acrolein

Concen: 10.798 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

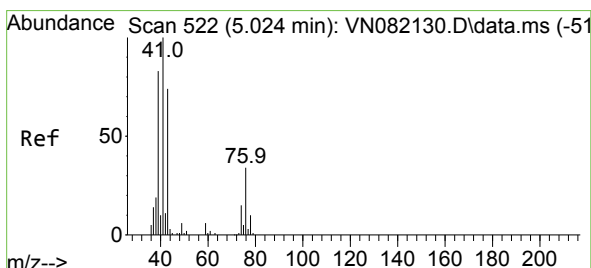
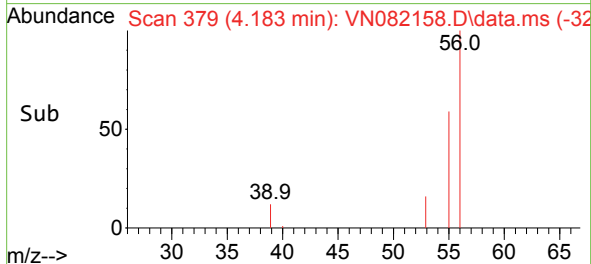
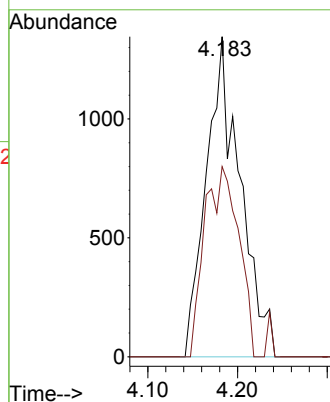
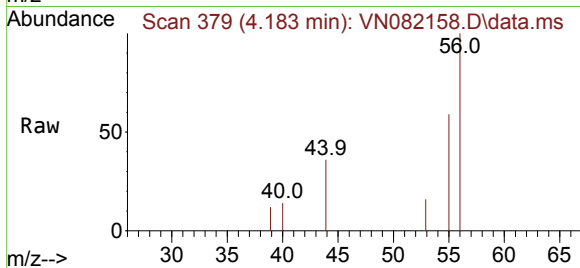
MDL-WATER-03-QT2-2024

Tgt Ion: 56 Resp: 3526

Ion Ratio Lower Upper

56 100

55 59.9 55.8 83.8



#14

Allyl chloride

Concen: 2.484 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

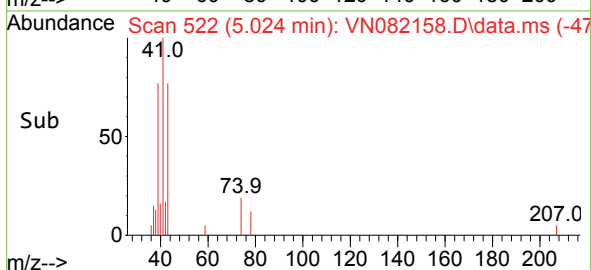
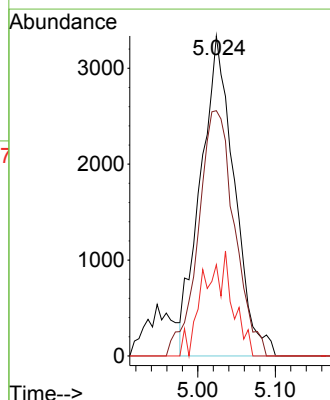
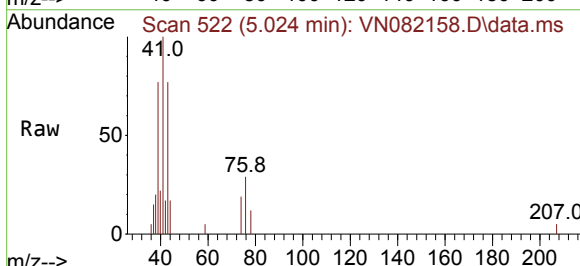
Tgt Ion: 41 Resp: 10096

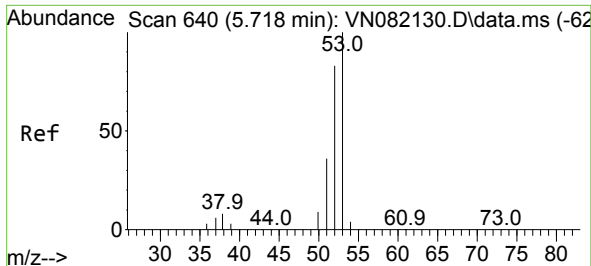
Ion Ratio Lower Upper

41 100

39 81.9 65.4 98.0

76 28.3 37.3 55.9#

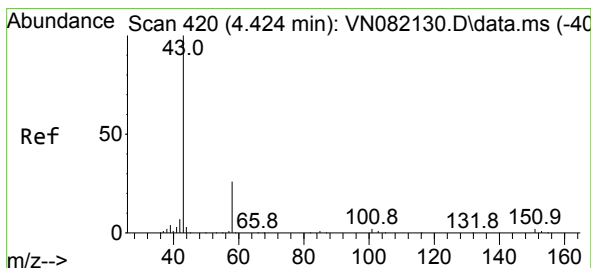
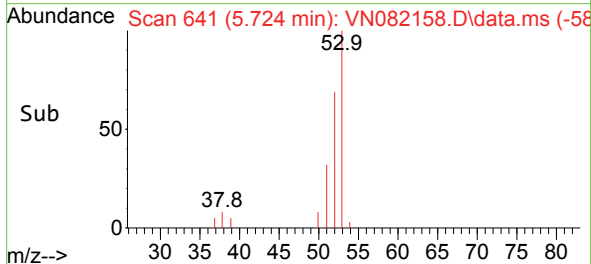
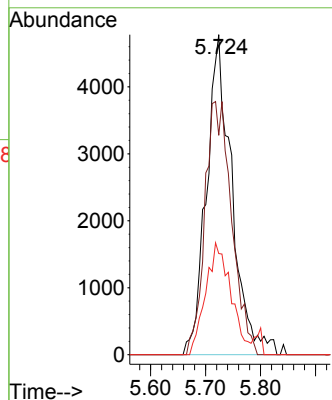
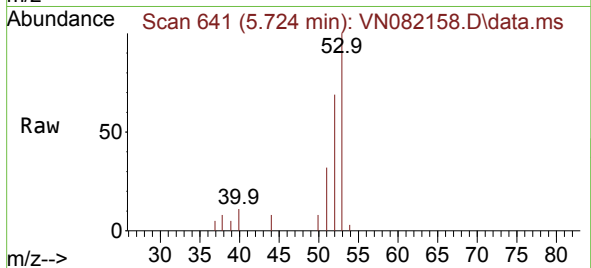




#15
Acrylonitrile
Concen: 13.405 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

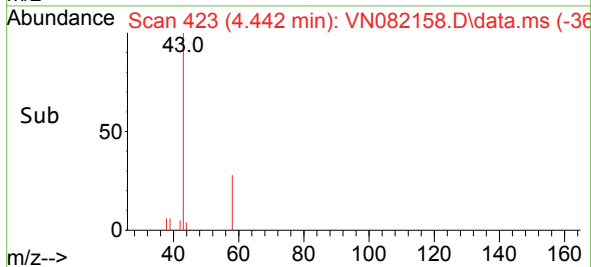
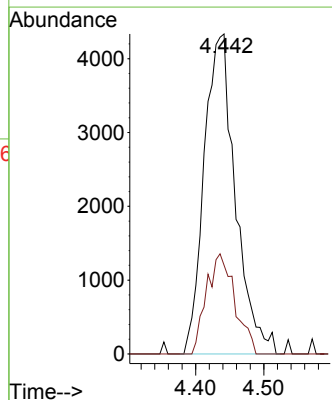
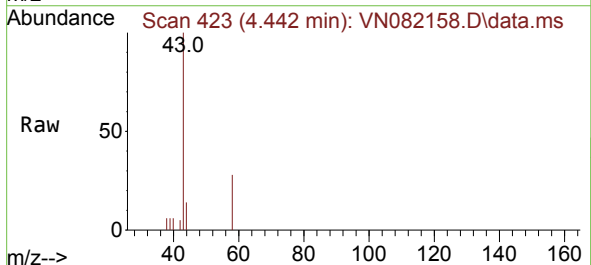
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

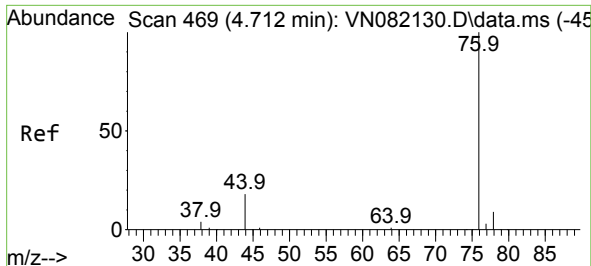
Tgt Ion:	53	Resp:	15298
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.1	99.1
51	35.2	29.4	44.2



#16
Acetone
Concen: 12.274 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion:	43	Resp:	13821
Ion	Ratio	Lower	Upper
43	100		
58	27.7	25.2	37.8

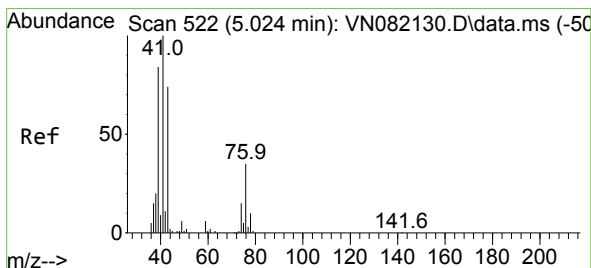
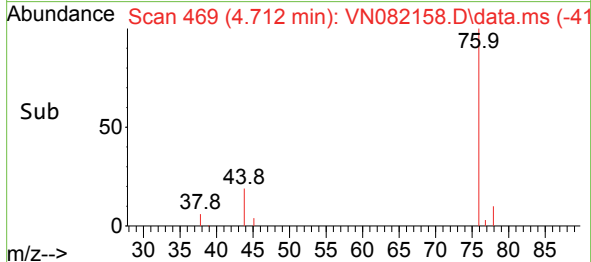
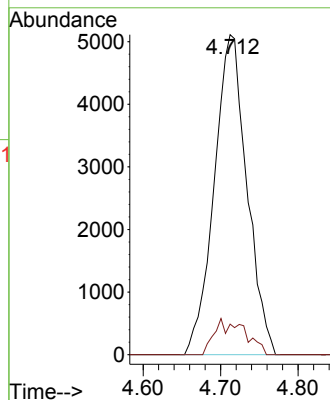
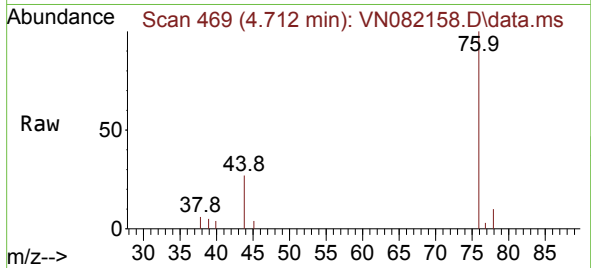




#17
Carbon Disulfide
Concen: 2.446 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

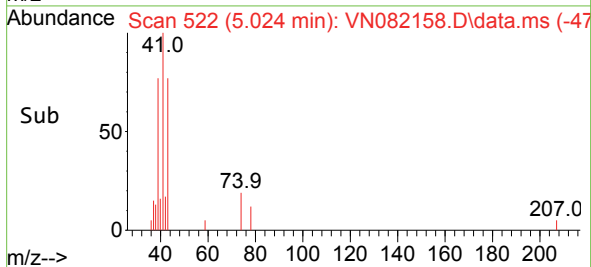
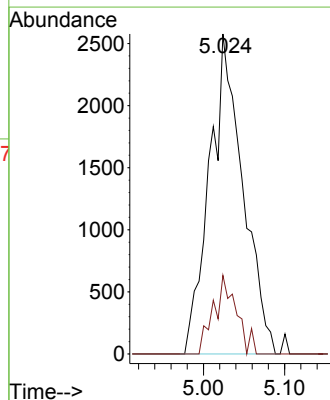
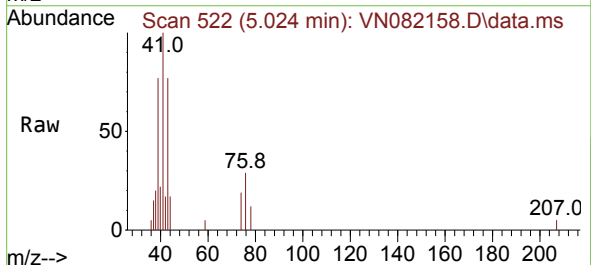
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

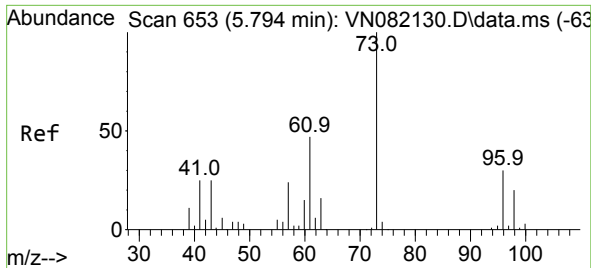
Tgt Ion: 76 Resp: 15002
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 2.627 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 43 Resp: 7366
Ion Ratio Lower Upper
43 100
74 16.8 22.2 33.2#

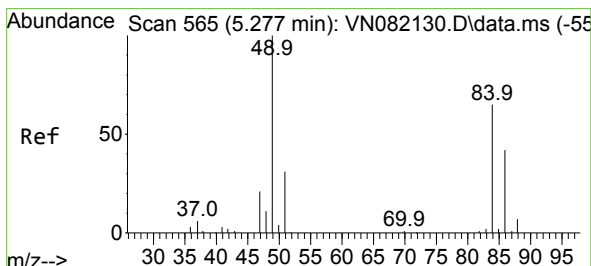
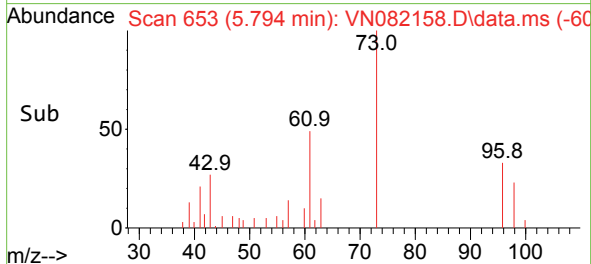
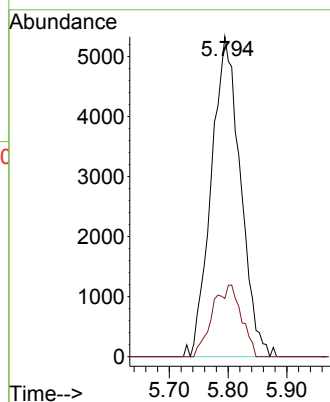
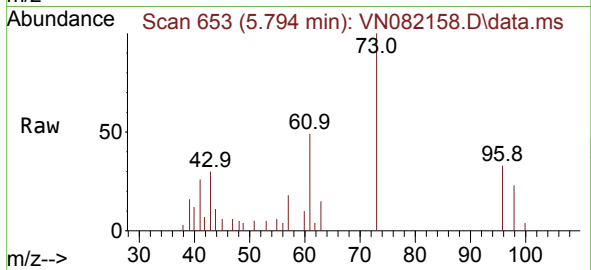




#19
Methyl tert-butyl Ether
Concen: 2.650 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

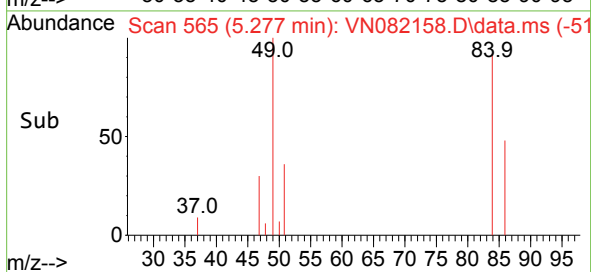
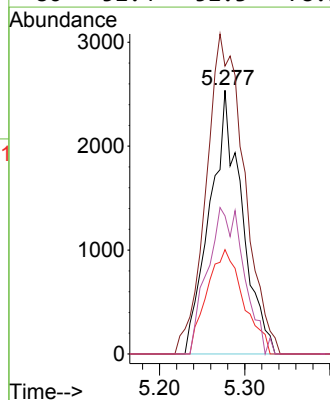
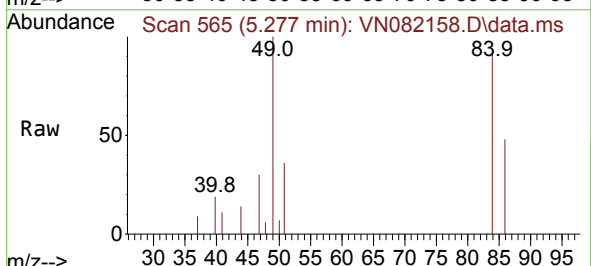
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

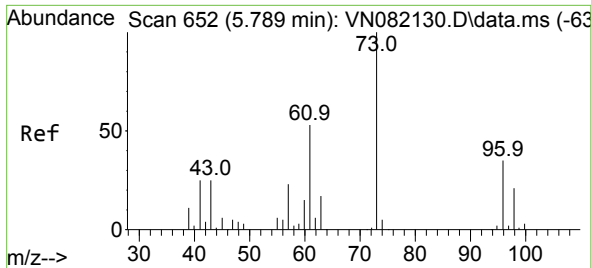
Tgt Ion: 73 Resp: 18394
Ion Ratio Lower Upper
73 100
57 18.2 16.5 24.7



#20
Methylene Chloride
Concen: 2.915 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 84 Resp: 6623
Ion Ratio Lower Upper
84 100
49 109.1 84.9 127.3
51 39.6 27.0 40.6
86 52.4 52.3 78.5

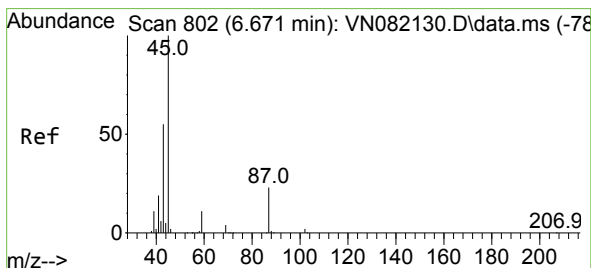
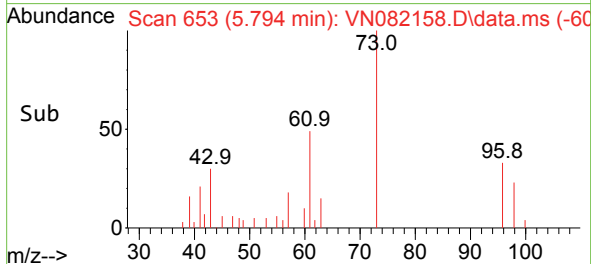
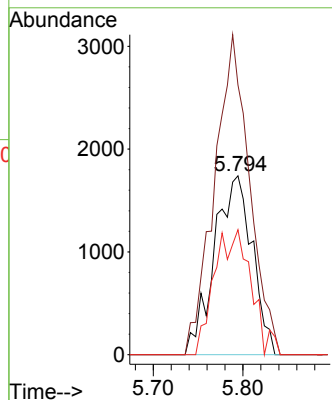
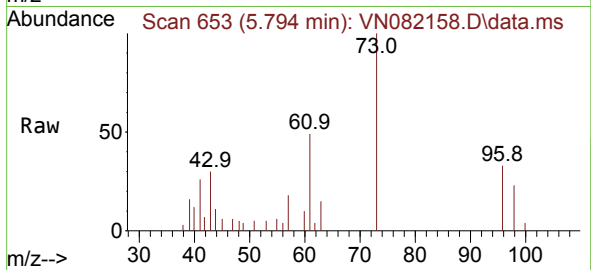




#21
trans-1,2-Dichloroethene
Concen: 2.466 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

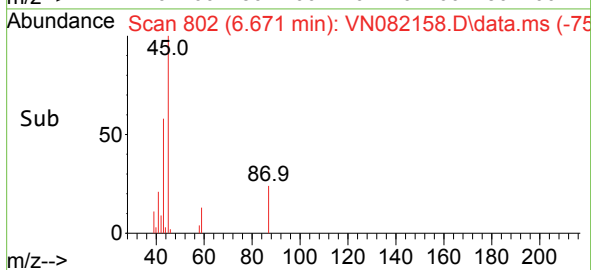
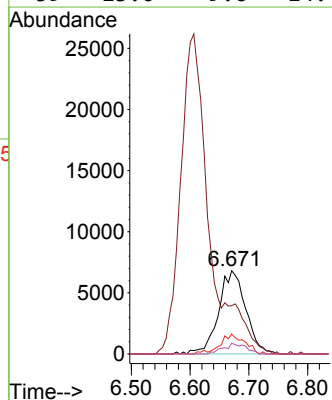
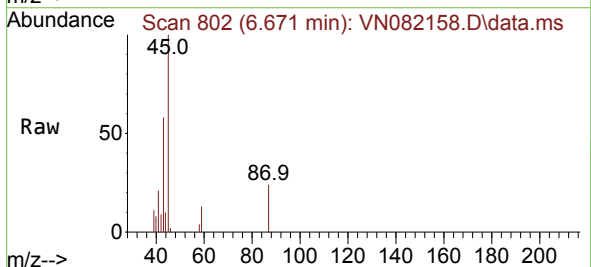
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

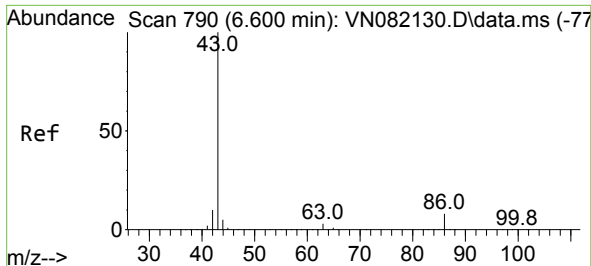
Tgt Ion: 96 Resp: 5102
Ion Ratio Lower Upper
96 100
61 150.8 96.5 144.7#
98 69.9 51.3 76.9



#22
Diisopropyl ether
Concen: 2.575 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 45 Resp: 21856
Ion Ratio Lower Upper
45 100
43 58.1 44.1 66.1
87 24.1 27.0 40.6#
59 13.0 9.6 14.4

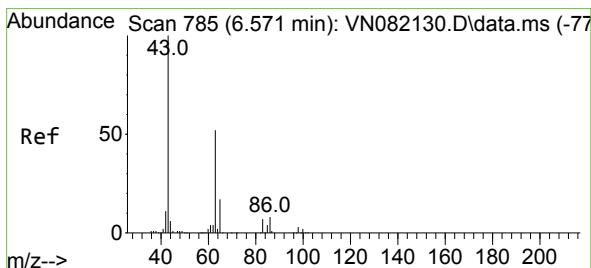
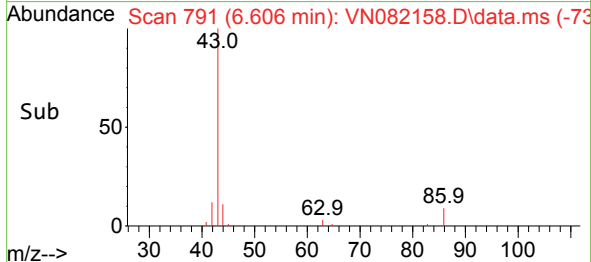
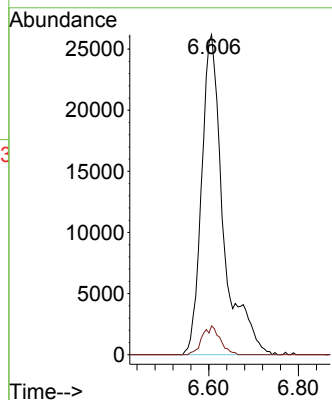
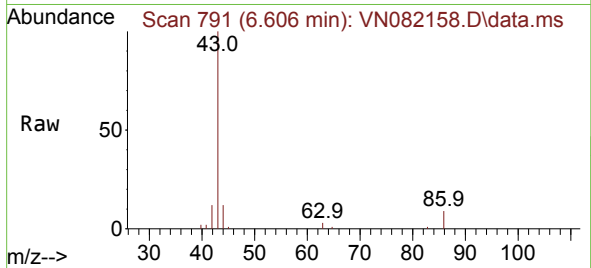




#23
 Vinyl Acetate
 Concen: 13.157 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN082158.D
 Acq: 16 May 2024 13:43

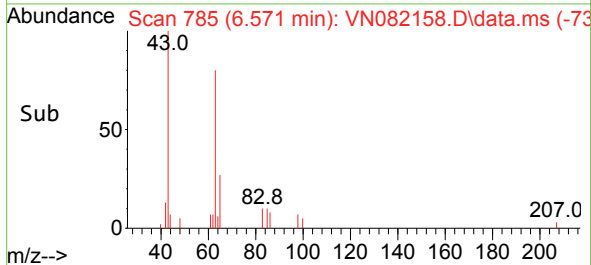
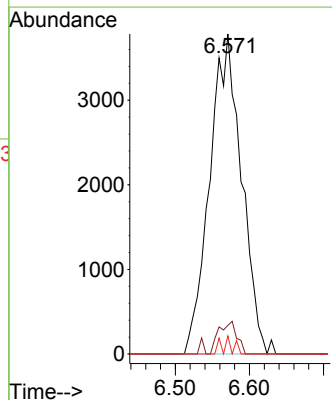
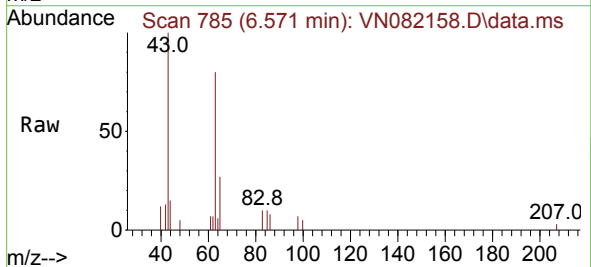
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

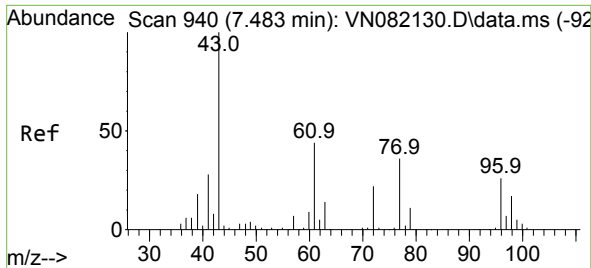
Tgt Ion: 43 Resp: 88052
 Ion Ratio Lower Upper
 43 100
 86 9.0 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 2.584 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082158.D
 Acq: 16 May 2024 13:43

Tgt Ion: 63 Resp: 11304
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.9
 100 5.7 2.6 7.8

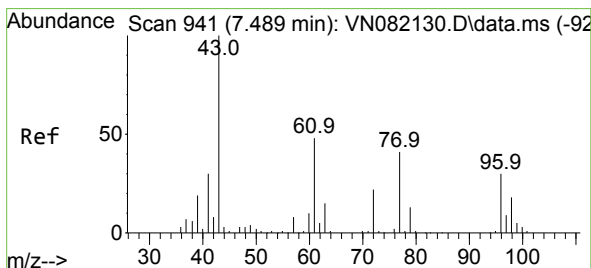
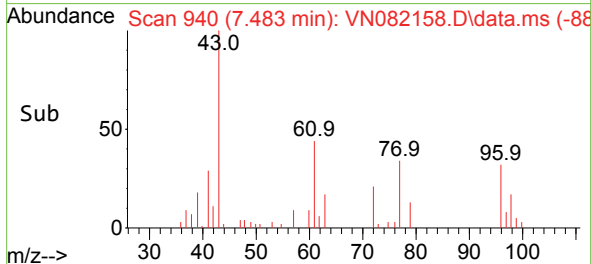
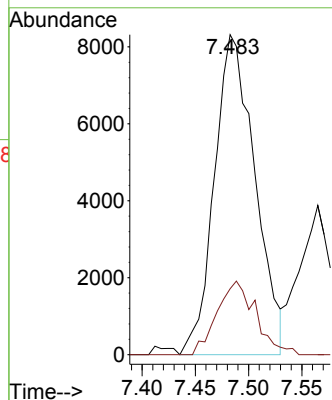
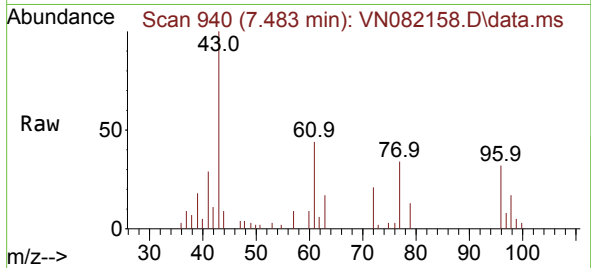




#25
2-Butanone
Concen: 12.898 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

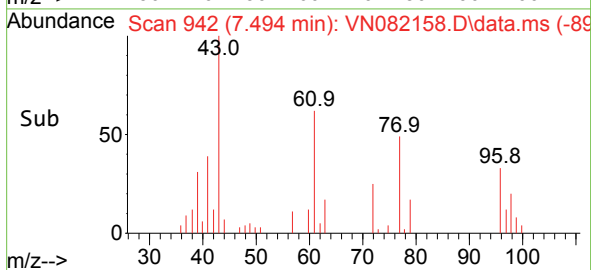
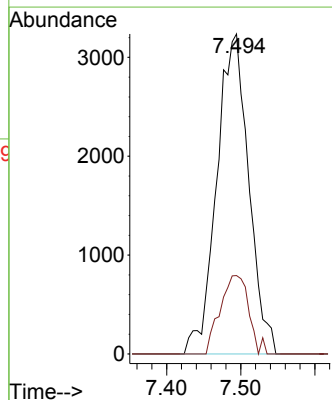
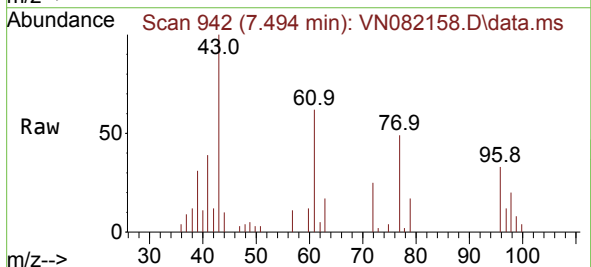
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

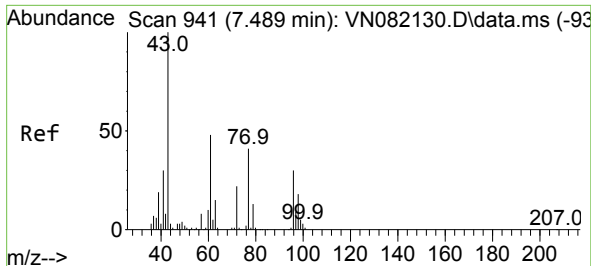
Tgt Ion: 43 Resp: 22021
Ion Ratio Lower Upper
43 100
72 20.6 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 2.649 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 77 Resp: 9707
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.9

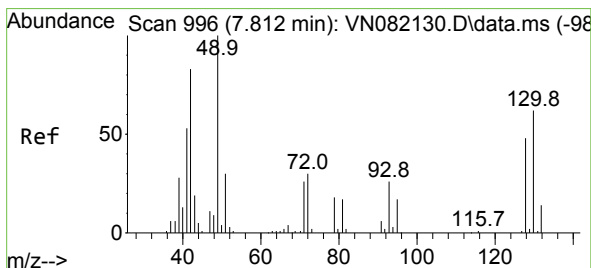
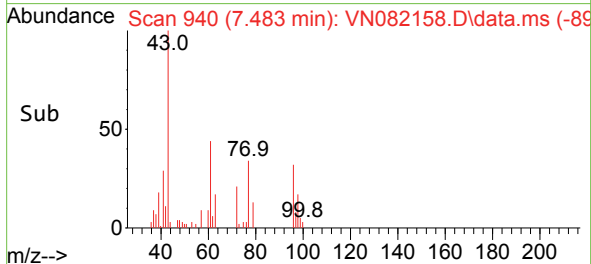
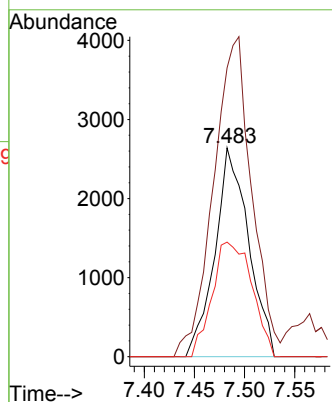
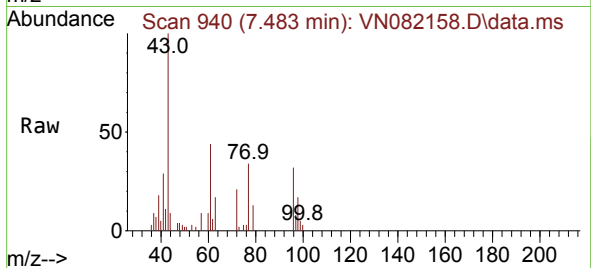




#27
 cis-1,2-Dichloroethene
 Concen: 2.524 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082158.D
 Acq: 16 May 2024 13:43

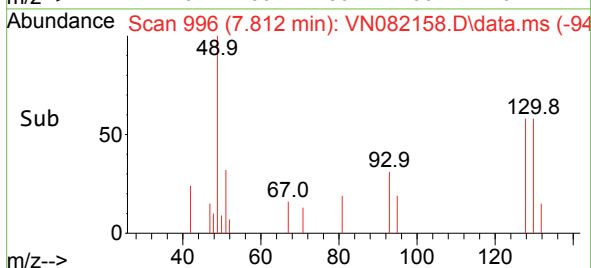
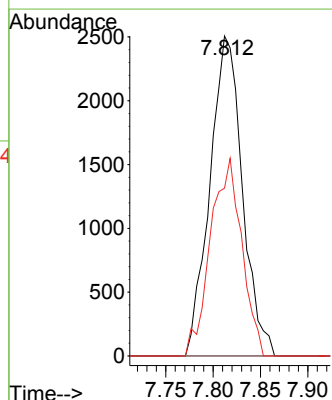
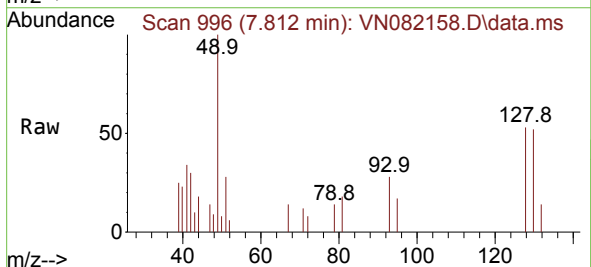
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

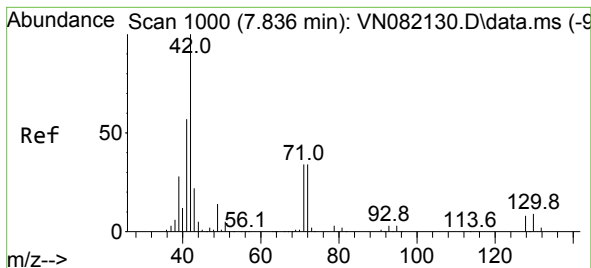
Tgt Ion:	96	Resp:	6164
Ion	Ratio	Lower	Upper
96	100		
61	173.9	0.0	268.0
98	64.9	0.0	126.8



#28
 Bromochloromethane
 Concen: 2.936 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082158.D
 Acq: 16 May 2024 13:43

Tgt Ion:	49	Resp:	5985
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	59.3	66.7	100.1#





#29

Tetrahydrofuran

Concen: 12.816 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

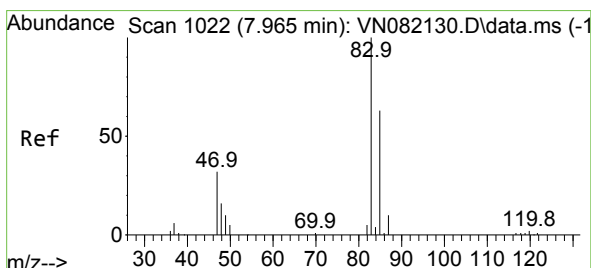
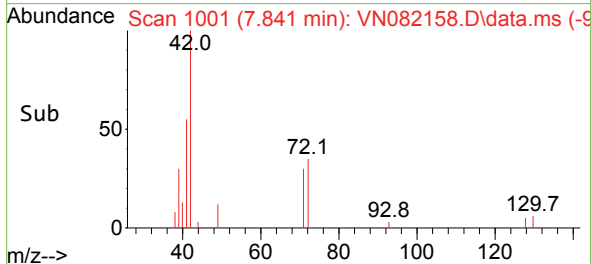
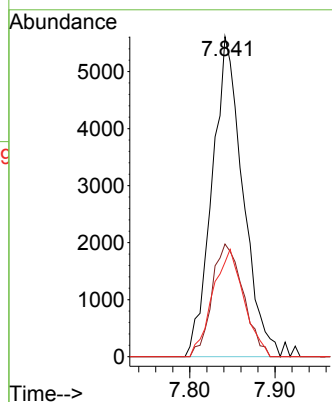
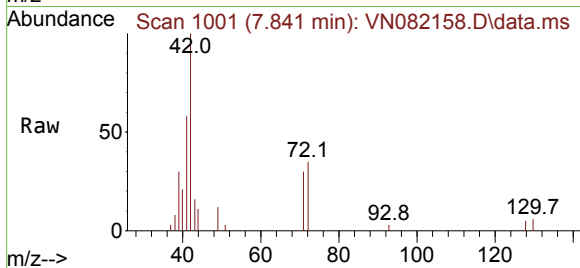
Tgt Ion: 42 Resp: 14049

Ion Ratio Lower Upper

42 100

72 35.9 39.3 58.9#

71 34.0 37.4 56.0#



#30

Chloroform

Concen: 2.631 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082158.D

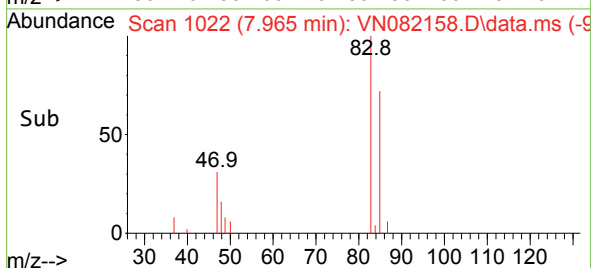
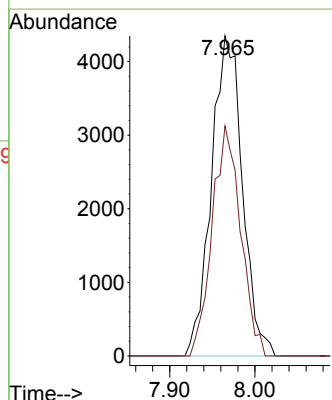
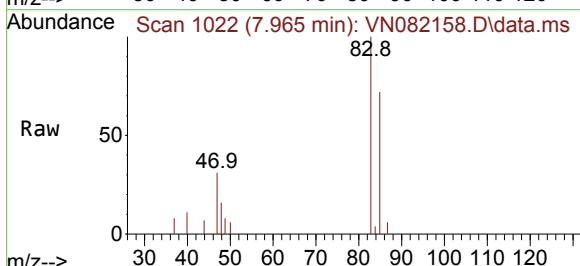
Acq: 16 May 2024 13:43

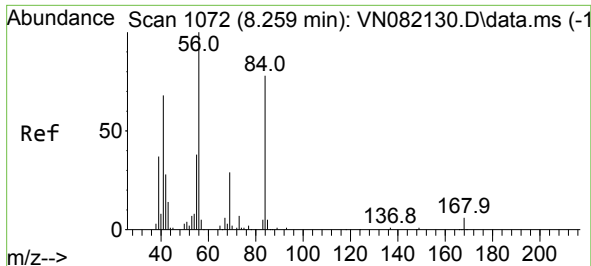
Tgt Ion: 83 Resp: 10992

Ion Ratio Lower Upper

83 100

85 71.8 50.7 76.1

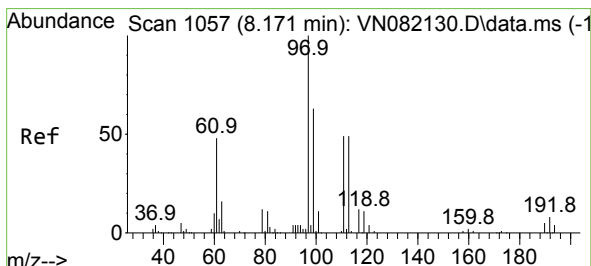
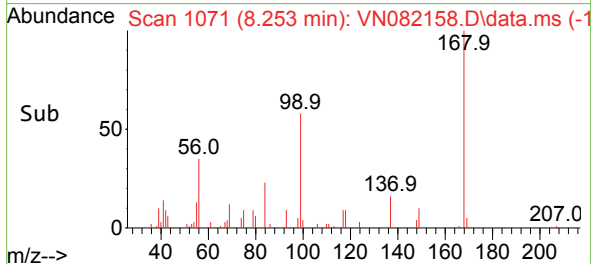
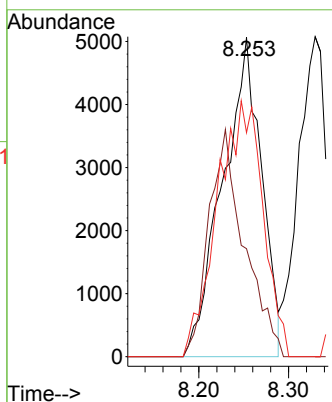
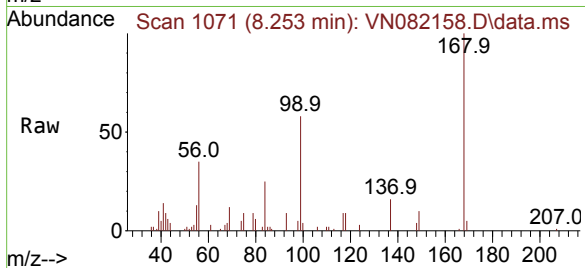




#31
Cyclohexane
Concen: 3.465 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

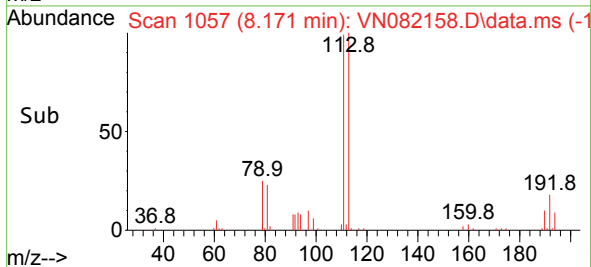
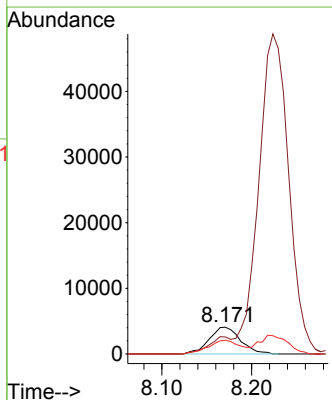
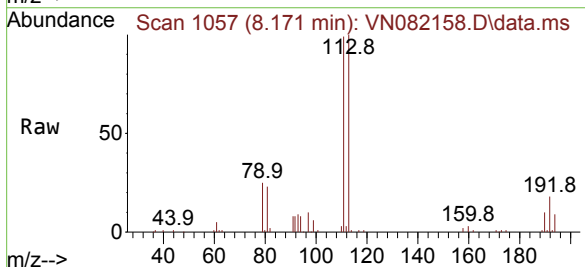
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

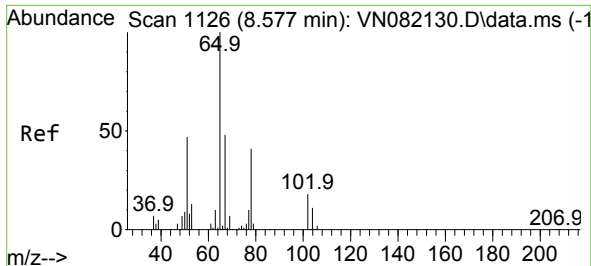
Tgt Ion: 56 Resp: 15193
Ion Ratio Lower Upper
56 100
69 33.8 24.4 36.6
84 70.2 77.0 115.4#



#32
1,1,1-Trichloroethane
Concen: 2.668 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 97 Resp: 9889
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 50.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.598 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

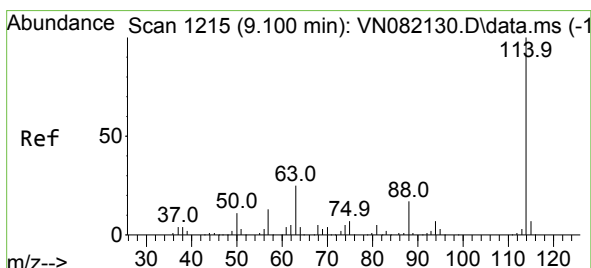
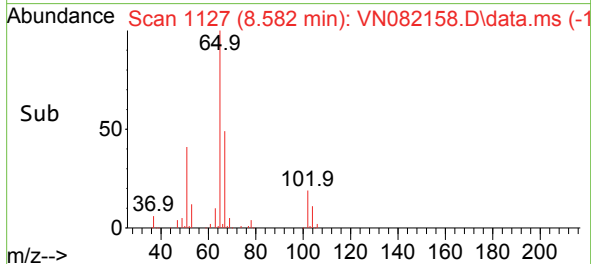
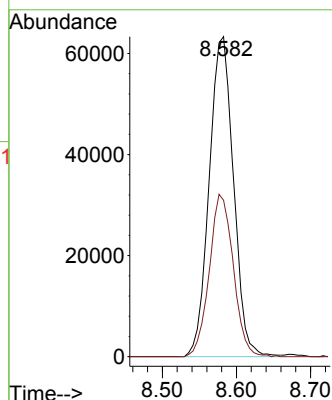
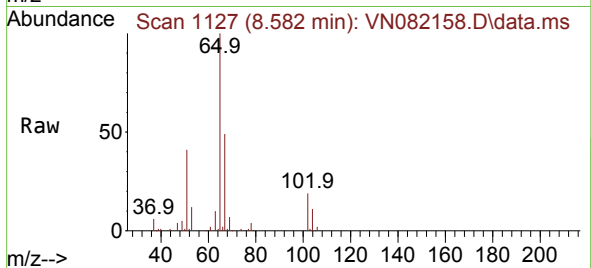
MDL-WATER-03-QT2-2024

Tgt Ion: 65 Resp: 144387

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

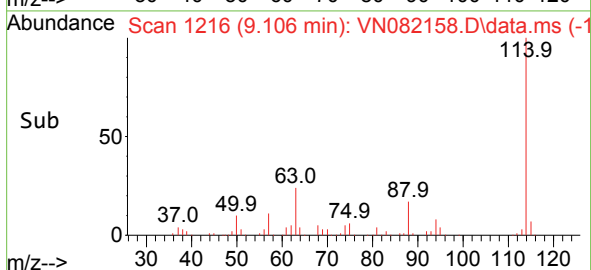
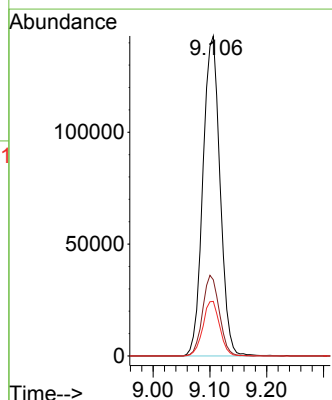
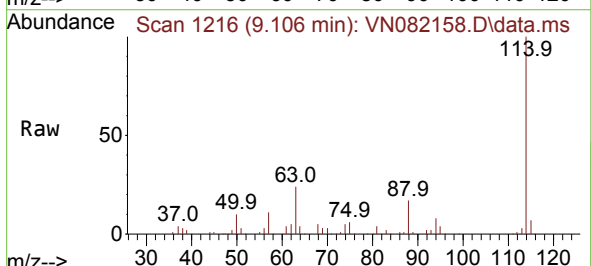
Tgt Ion: 114 Resp: 298780

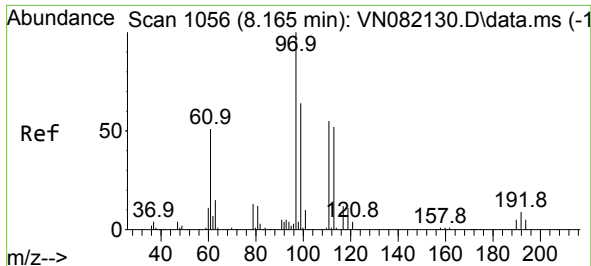
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 17.1 0.0 31.4

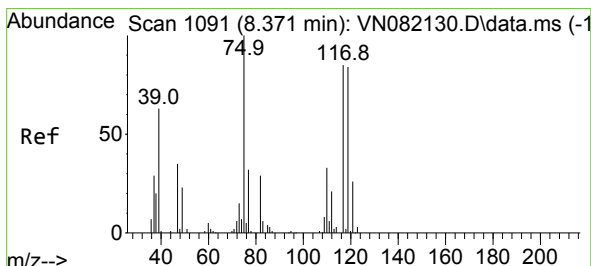
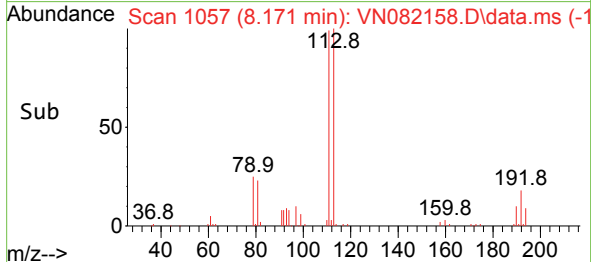
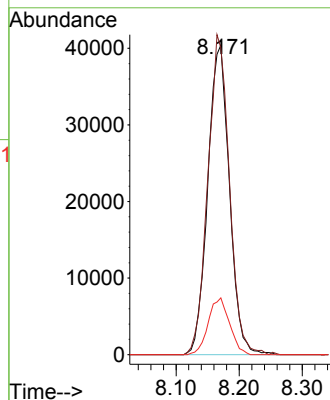
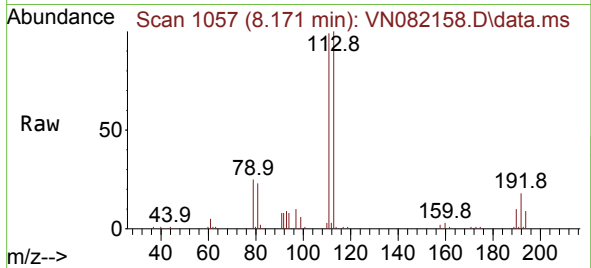




#35
 Dibromofluoromethane
 Concen: 52.368 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082158.D
 Acq: 16 May 2024 13:43

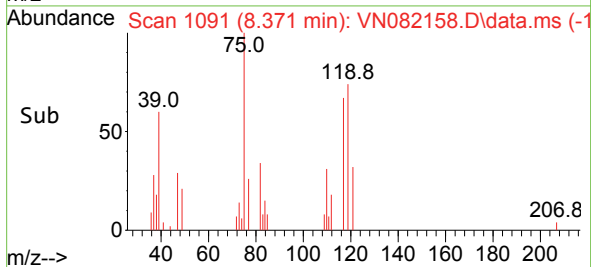
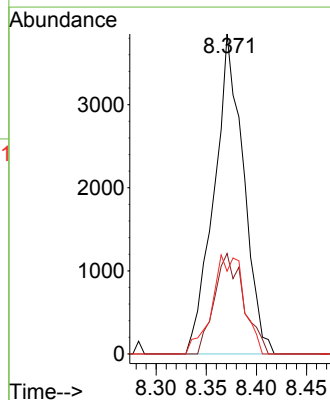
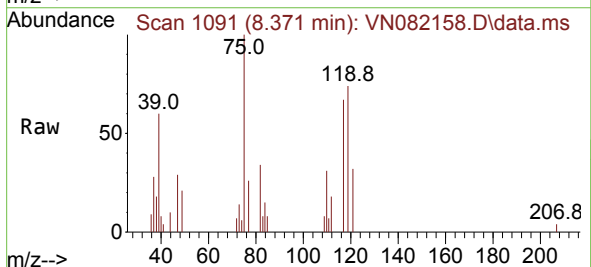
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

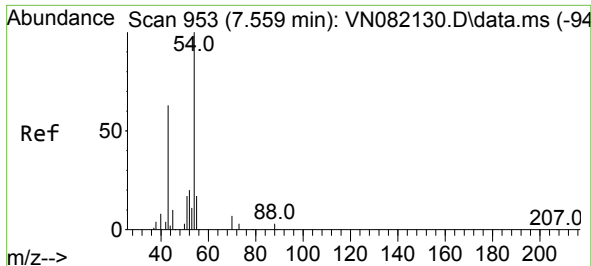
Tgt Ion: 113 Resp: 96251
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.2
 192 18.0 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 2.546 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN082158.D
 Acq: 16 May 2024 13:43

Tgt Ion: 75 Resp: 7849
 Ion Ratio Lower Upper
 75 100
 110 31.3 17.8 53.5
 77 33.3 25.0 37.4

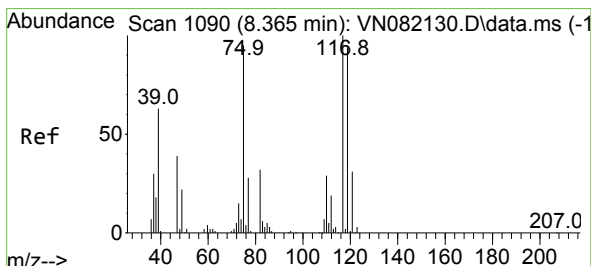
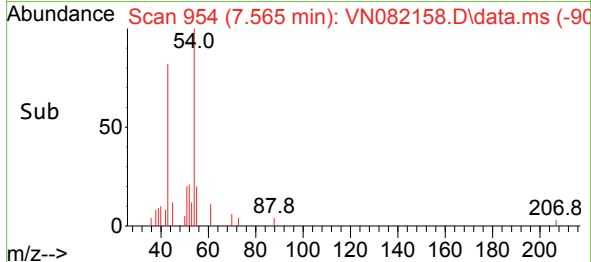
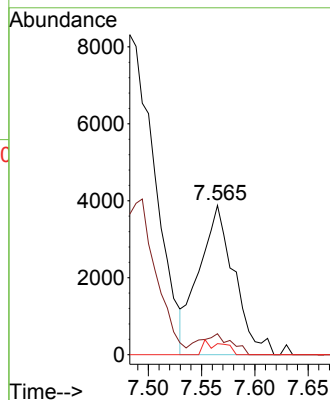
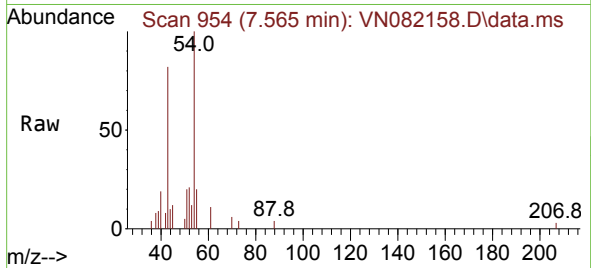




#37
Ethyl Acetate
Concen: 2.601 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

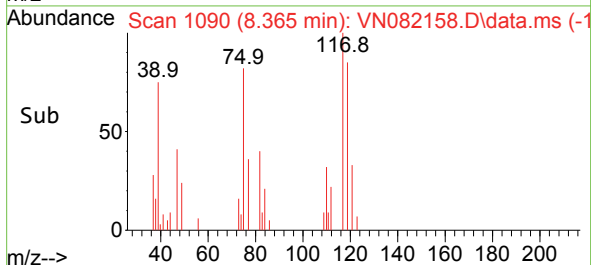
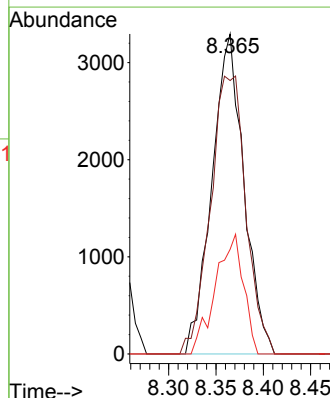
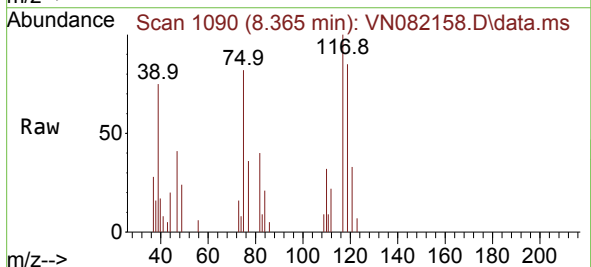
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

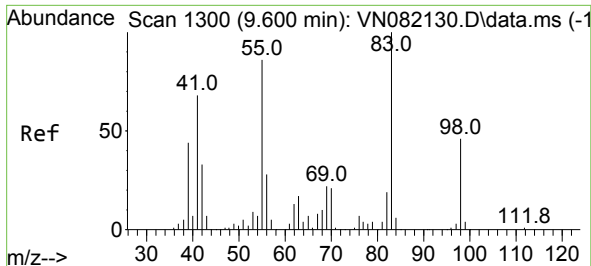
Tgt Ion: 43 Resp: 8972
Ion Ratio Lower Upper
43 100
61 12.6 11.3 16.9
70 5.3 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 2.473 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 117 Resp: 7727
Ion Ratio Lower Upper
117 100
119 85.5 76.5 114.7
121 32.7 23.9 35.9





#39

Methylcyclohexane

Concen: 2.541 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

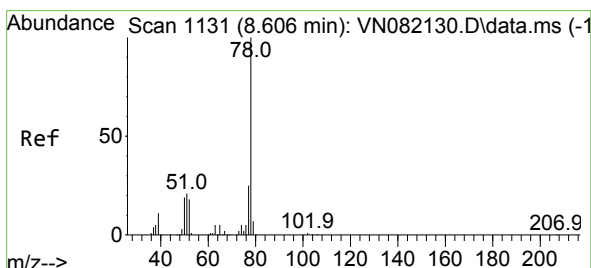
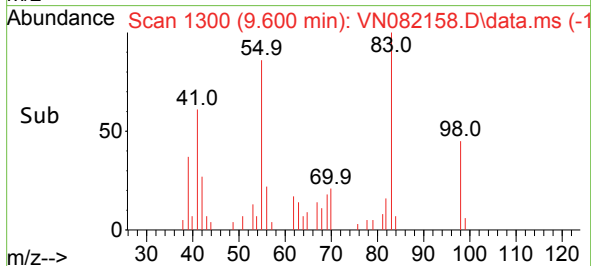
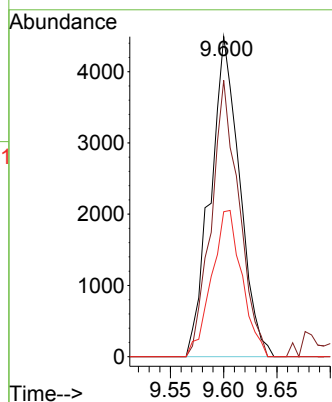
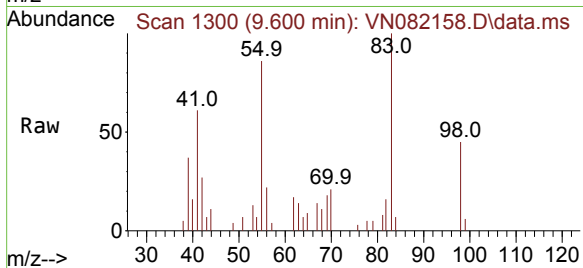
Tgt Ion: 83 Resp: 8586

Ion Ratio Lower Upper

83 100

55 86.4 53.0 79.6#

98 45.3 37.1 55.7



#40

Benzene

Concen: 2.587 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082158.D

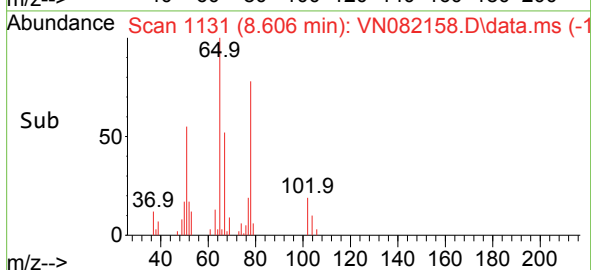
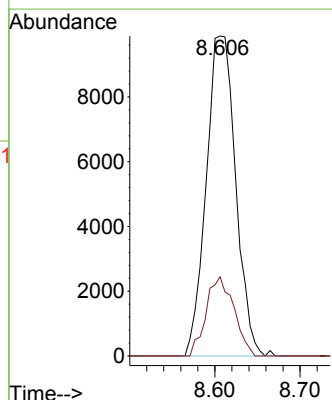
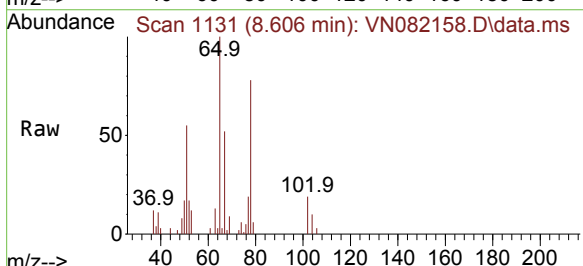
Acq: 16 May 2024 13:43

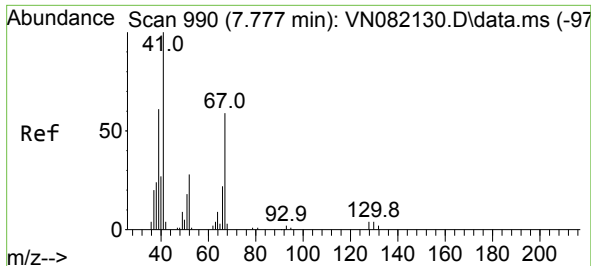
Tgt Ion: 78 Resp: 23784

Ion Ratio Lower Upper

78 100

77 24.7 20.0 30.0

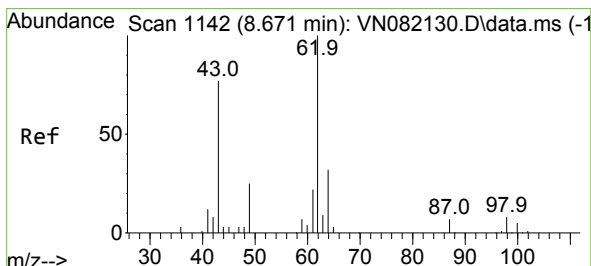
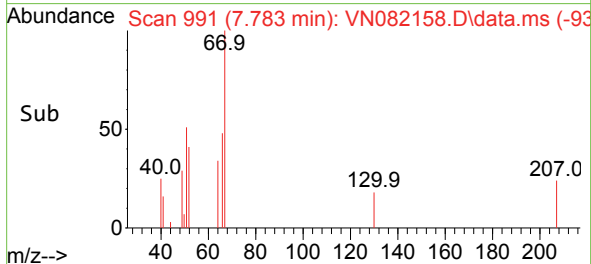
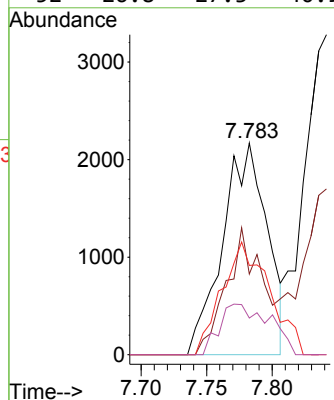
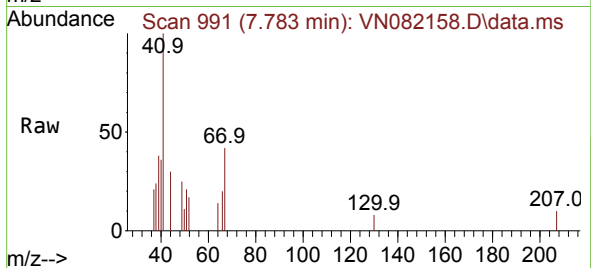




#41
Methacrylonitrile
Concen: 2.526 ug/l
RT: 7.783 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

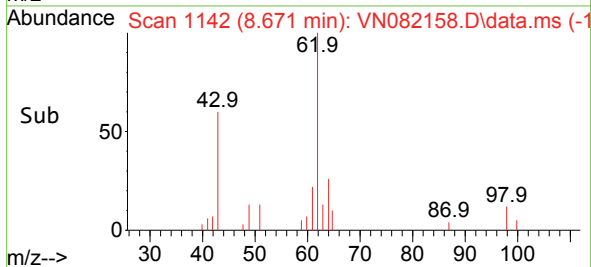
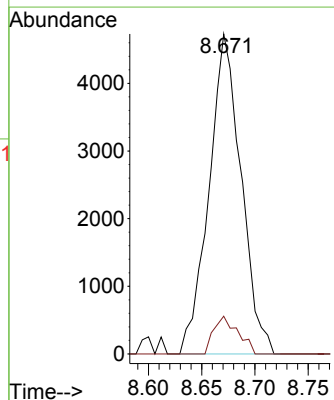
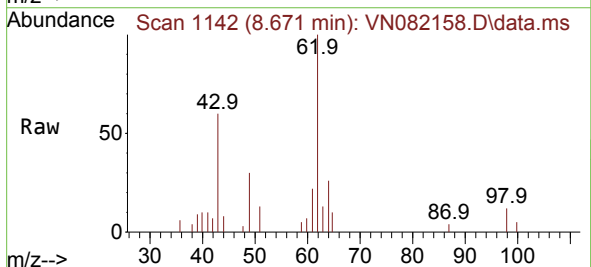
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

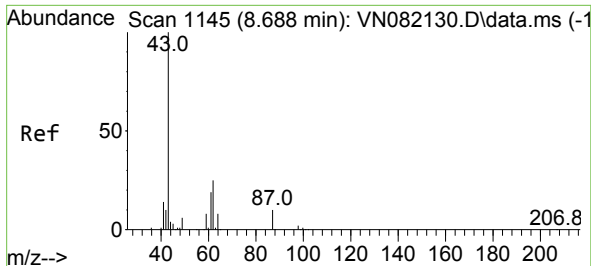
Tgt Ion:	41	Resp:	5124
Ion	Ratio	Lower	Upper
41	100		
39	50.9	46.6	69.8
67	56.7	67.3	100.9#
52	26.8	27.3	40.9#



#42
1,2-Dichloroethane
Concen: 2.805 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion:	62	Resp:	9918
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.6

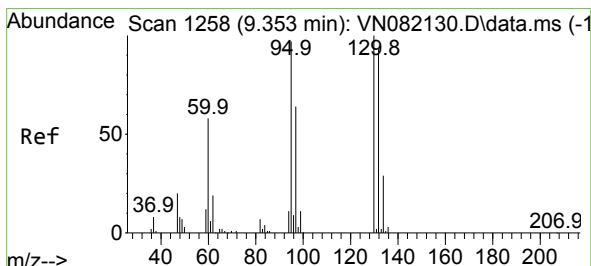
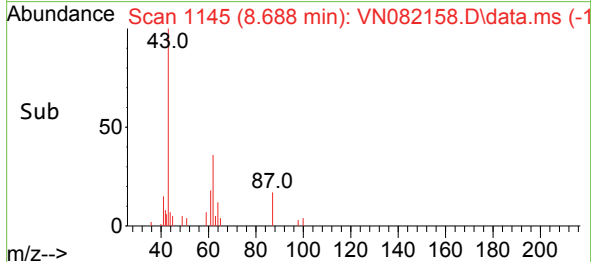
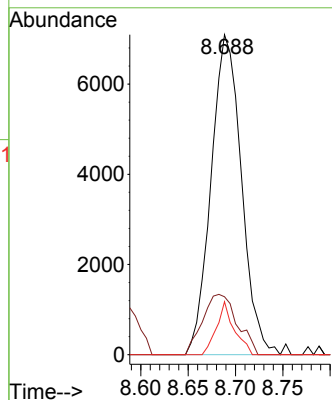
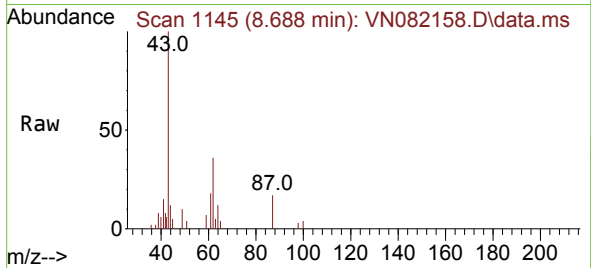




#43
Isopropyl Acetate
Concen: 2.589 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

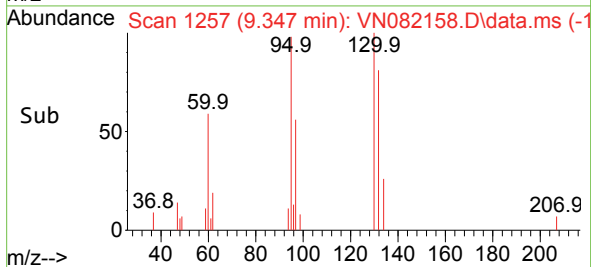
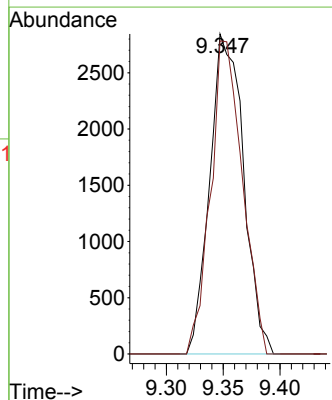
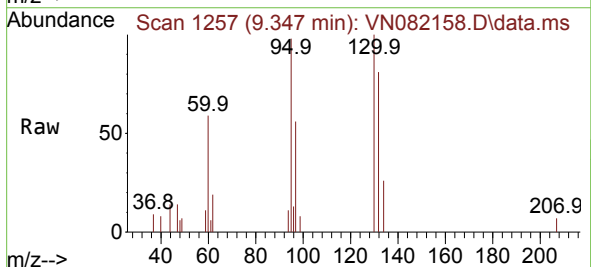
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

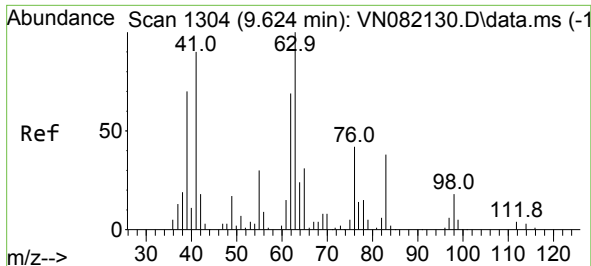
Tgt Ion: 43 Resp: 15825
Ion Ratio Lower Upper
43 100
61 21.4 22.8 34.2#
87 9.6 12.0 18.0#



#44
Trichloroethene
Concen: 2.804 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion:130 Resp: 5855
Ion Ratio Lower Upper
130 100
95 97.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 2.646 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

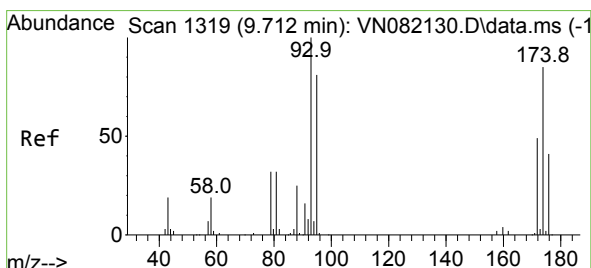
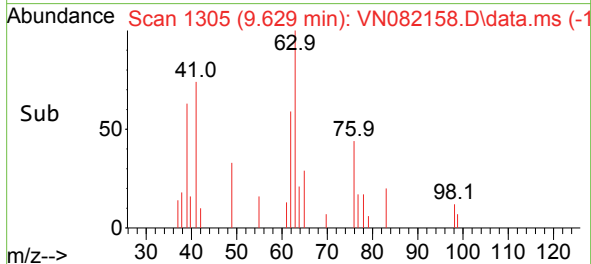
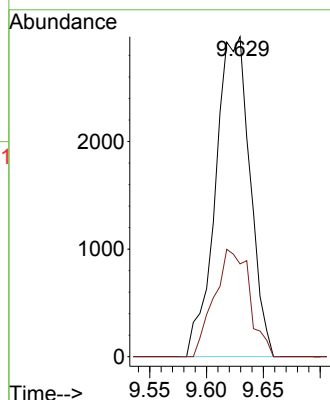
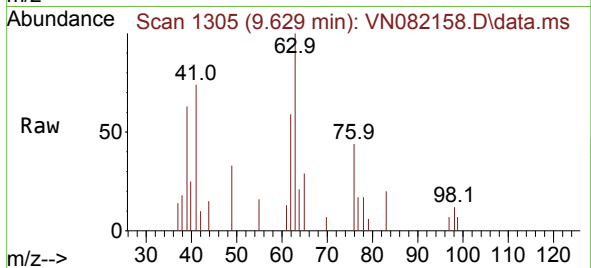
MDL-WATER-03-QT2-2024

Tgt Ion: 63 Resp: 6276

Ion Ratio Lower Upper

63 100

65 29.0 24.1 36.1



#46

Dibromomethane

Concen: 2.711 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

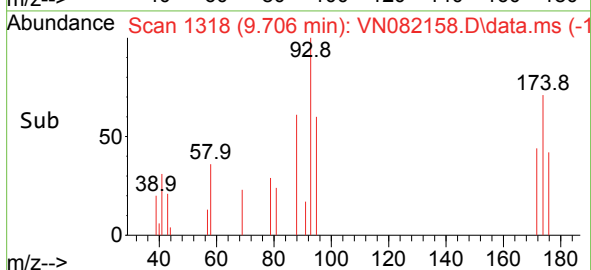
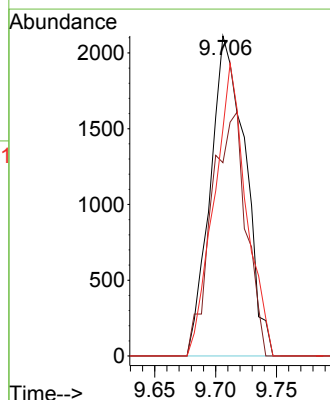
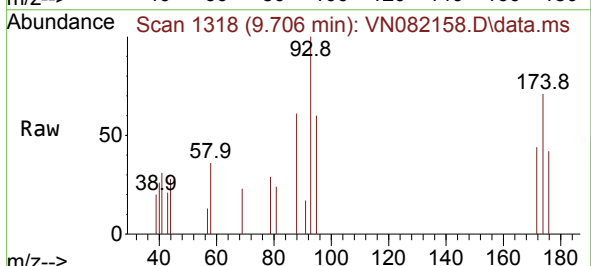
Tgt Ion: 93 Resp: 4222

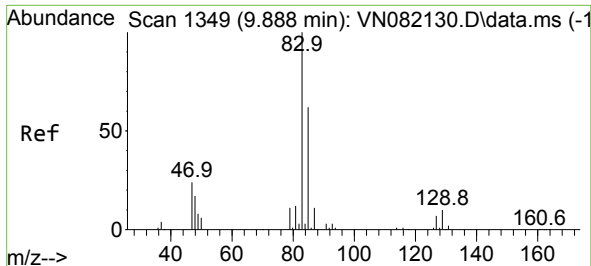
Ion Ratio Lower Upper

93 100

95 75.7 64.8 97.2

174 84.0 73.4 110.0

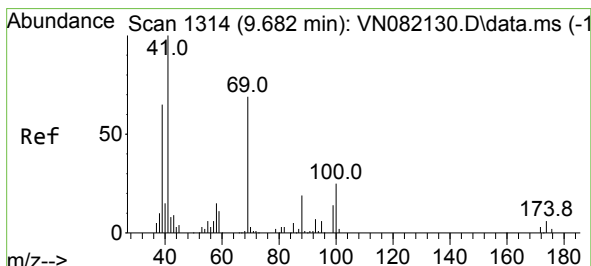
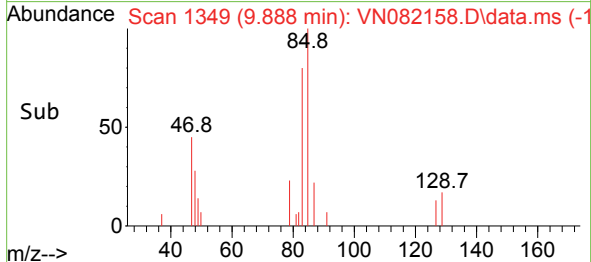
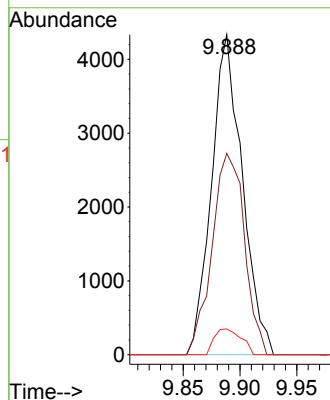
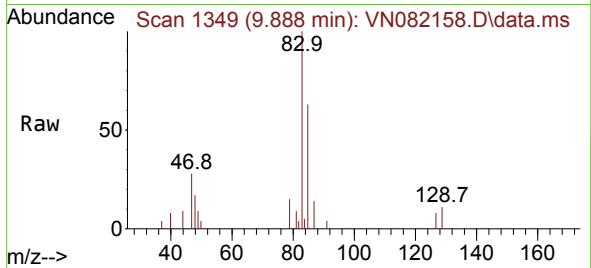




#47
Bromodichloromethane
Concen: 2.478 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

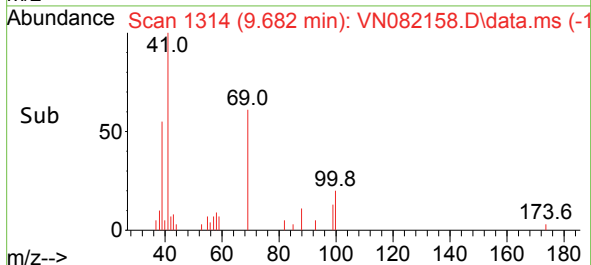
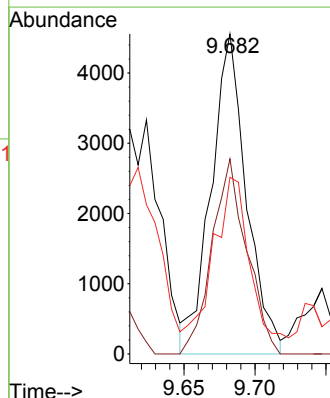
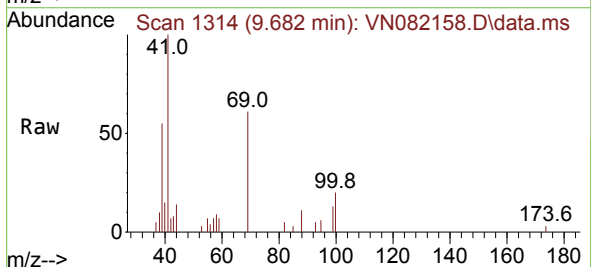
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

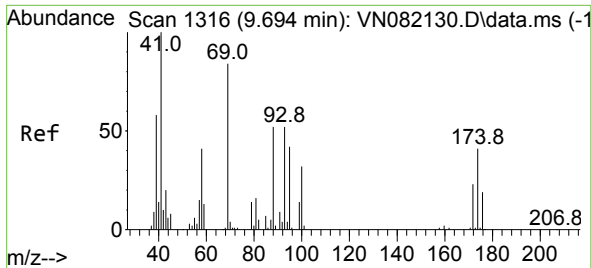
Tgt Ion: 83	Resp:	8146
Ion Ratio	Lower	Upper
83	100	
85	62.9	51.9 77.9
127	8.1	7.5 11.3



#48
Methyl methacrylate
Concen: 2.712 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

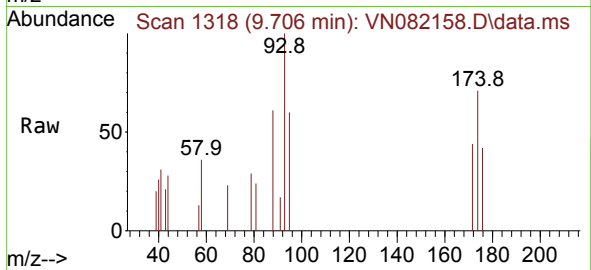
Tgt Ion: 41	Resp:	7899
Ion Ratio	Lower	Upper
41	100	
69	60.0	77.9 116.9#
39	58.9	50.9 76.3



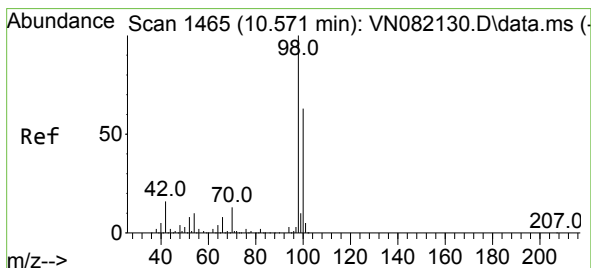
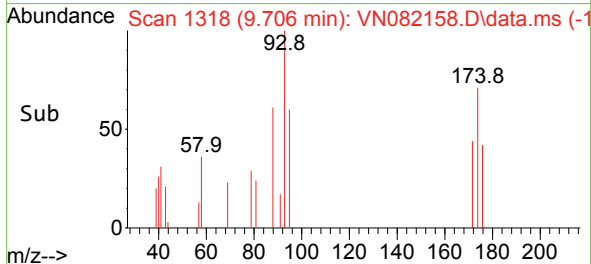
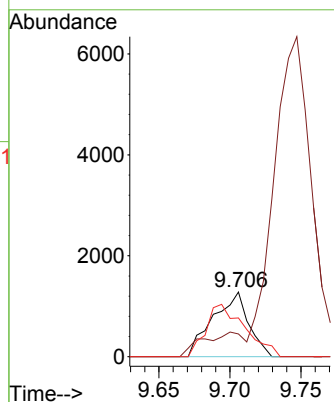


#49
1,4-Dioxane
Concen: 54.588 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

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

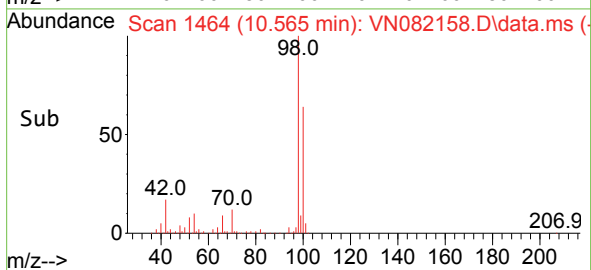
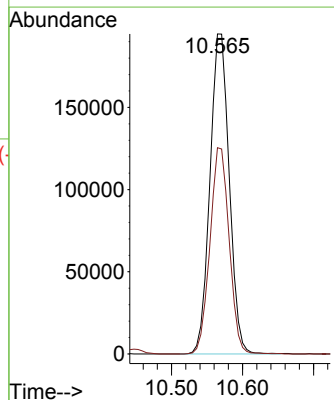
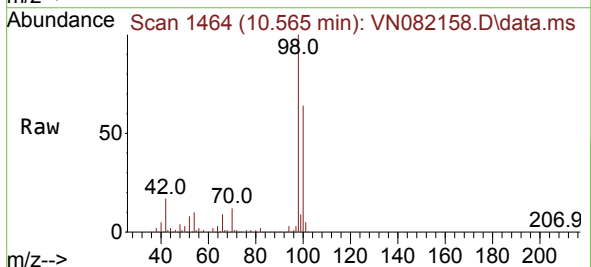


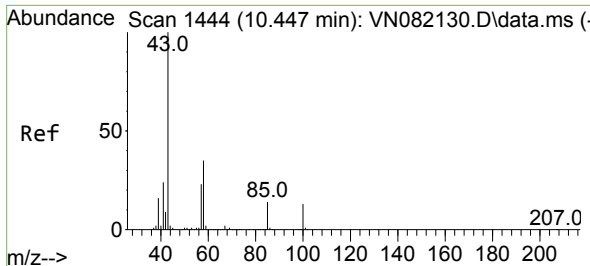
Tgt Ion: 88 Resp: 2228
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 89.0 50.6 76.0#



#50
Toluene-d8
Concen: 52.014 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 98 Resp: 366523
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

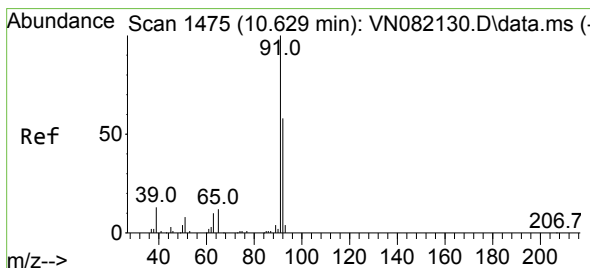
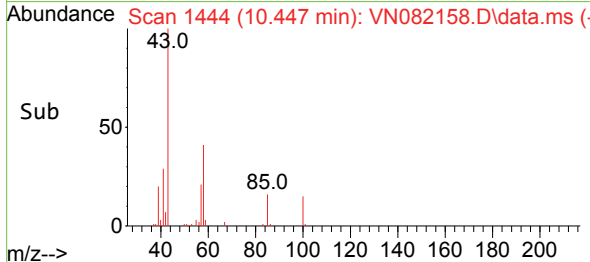
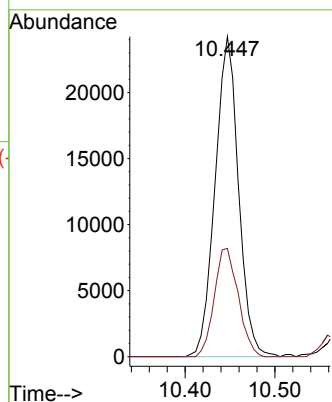
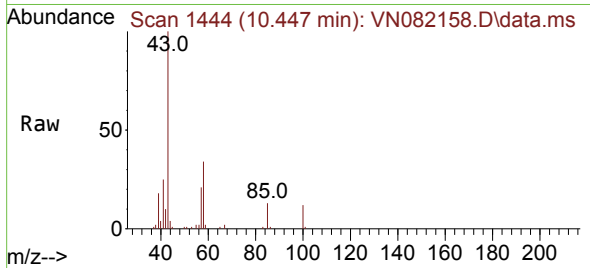




#51
4-Methyl-2-Pentanone
Concen: 12.620 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

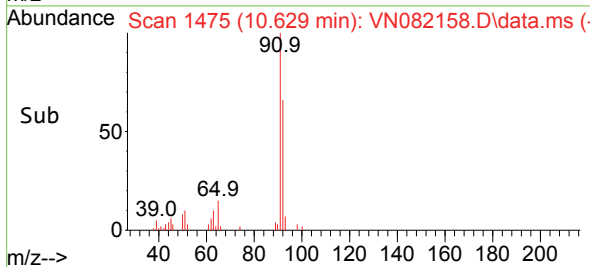
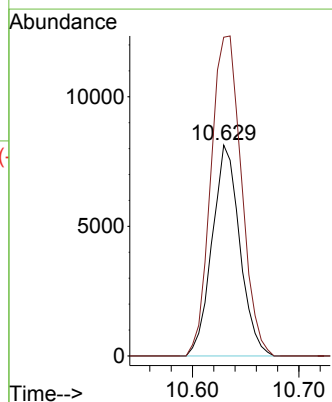
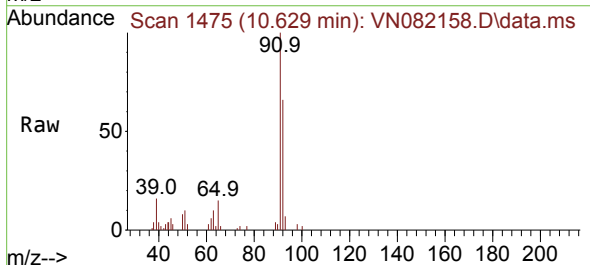
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

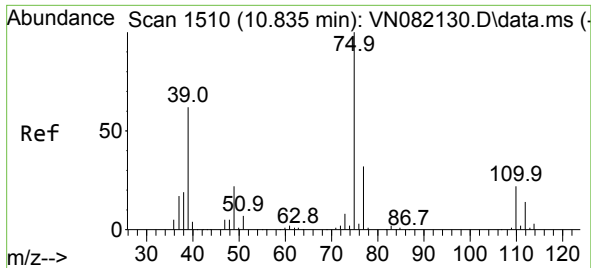
Tgt Ion: 43 Resp: 43830
Ion Ratio Lower Upper
43 100
58 34.6 33.2 49.8



#52
Toluene
Concen: 2.654 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 92 Resp: 14640
Ion Ratio Lower Upper
92 100
91 167.6 136.7 205.1

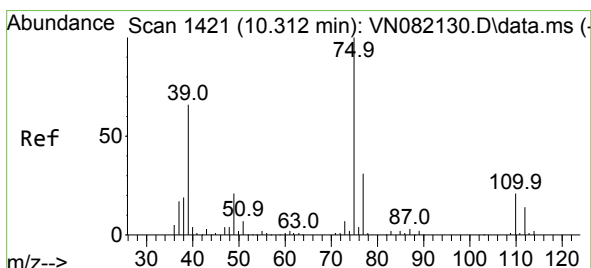
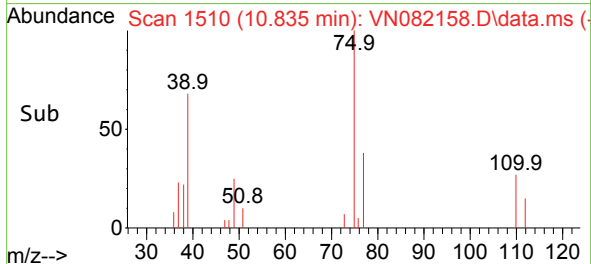
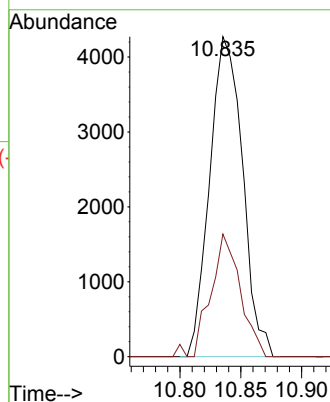
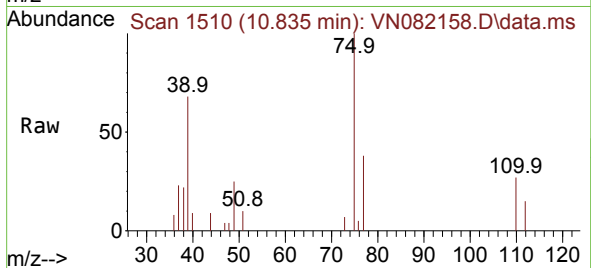




#53
t-1,3-Dichloropropene
Concen: 2.357 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

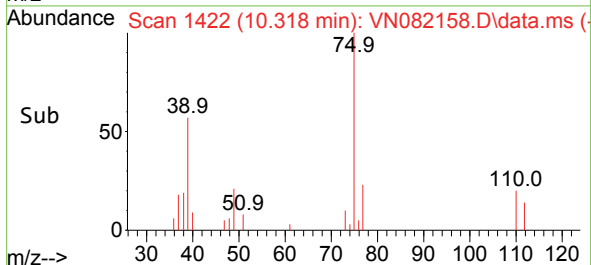
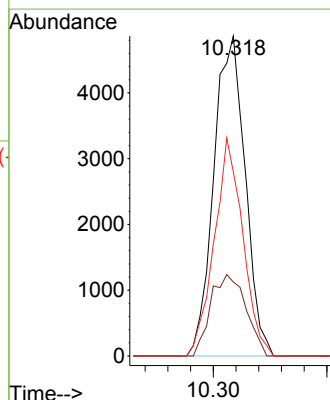
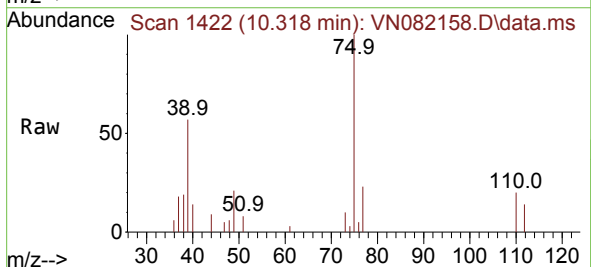
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

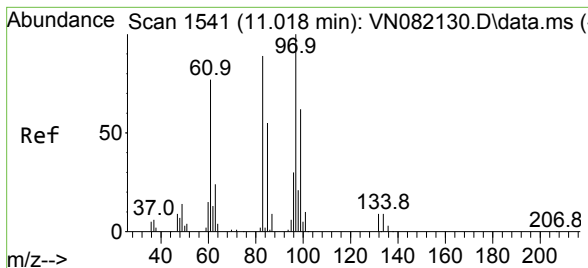
Tgt Ion: 75 Resp: 8013
Ion Ratio Lower Upper
75 100
77 38.3 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 2.590 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 75 Resp: 9321
Ion Ratio Lower Upper
75 100
77 23.1 25.0 37.4#
39 57.4 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 2.540 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082158.D

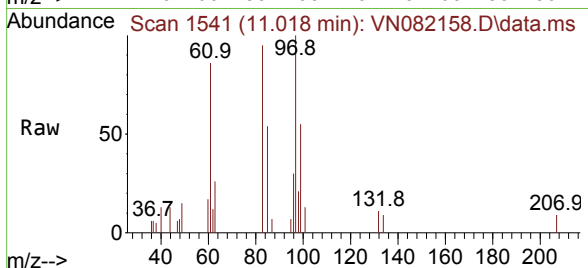
Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion: 97 Resp: 5091

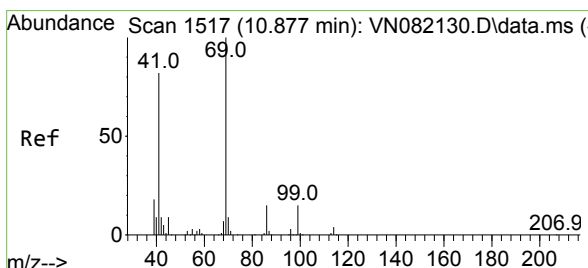
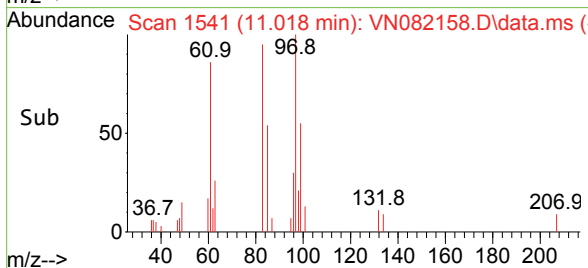
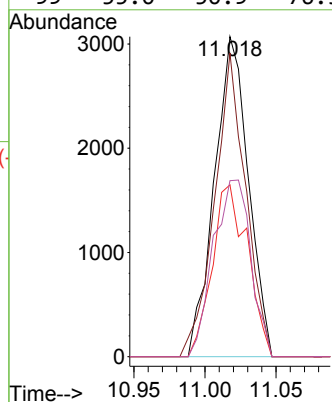
Ion Ratio Lower Upper

97 100

83 94.9 70.4 105.6

85 53.7 45.6 68.4

99 55.0 50.9 76.3



#56

Ethyl methacrylate

Concen: 2.398 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

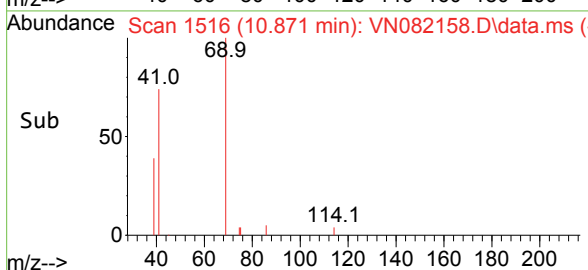
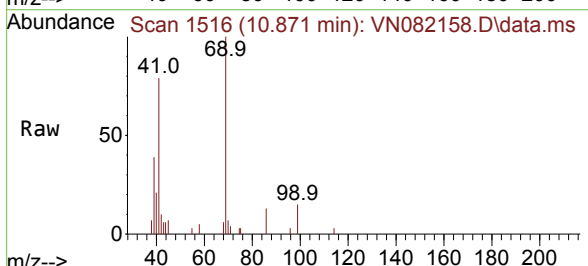
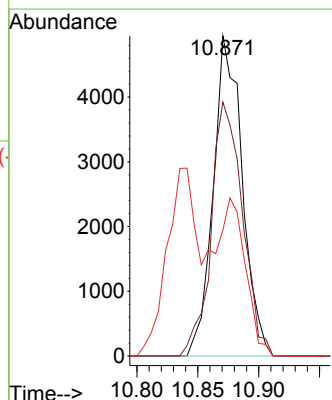
Tgt Ion: 69 Resp: 8163

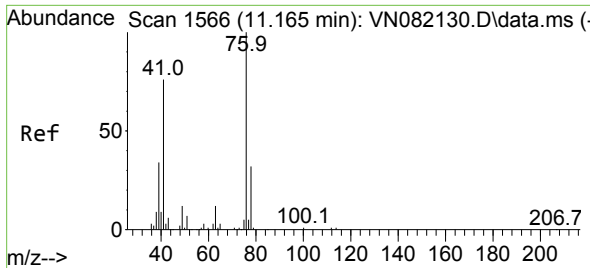
Ion Ratio Lower Upper

69 100

41 86.0 46.6 70.0#

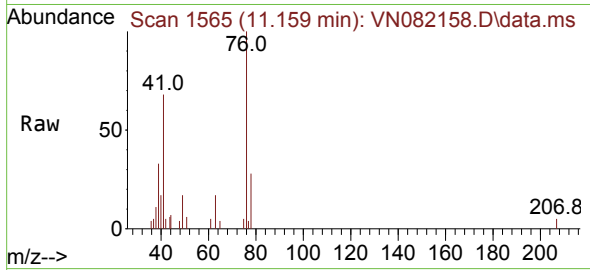
39 40.4 26.5 39.7#



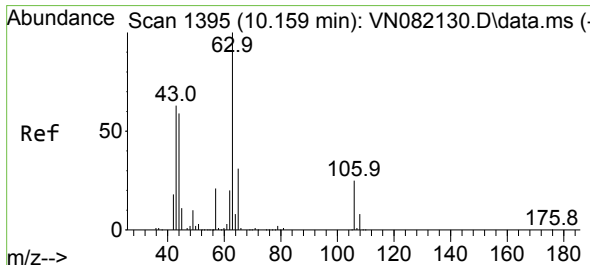
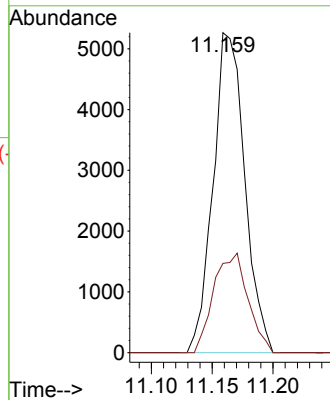
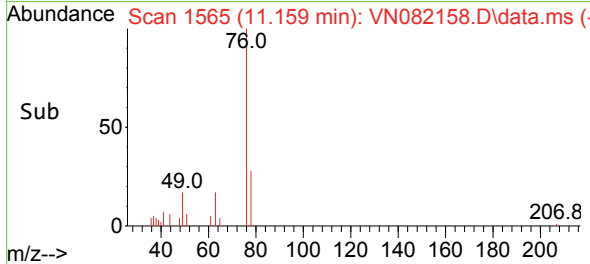


#57
1,3-Dichloropropane
Concen: 2.542 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

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

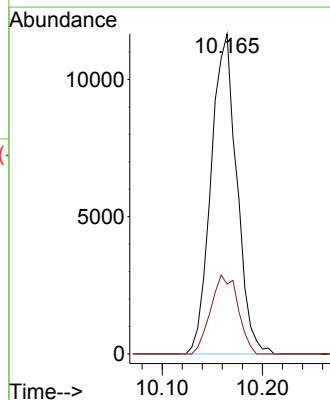
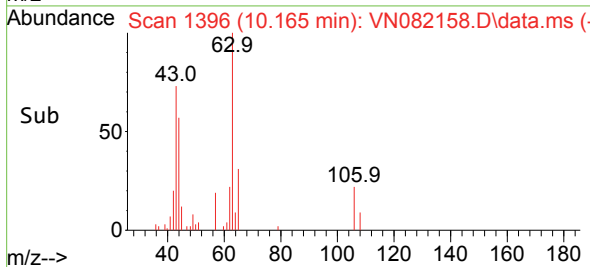
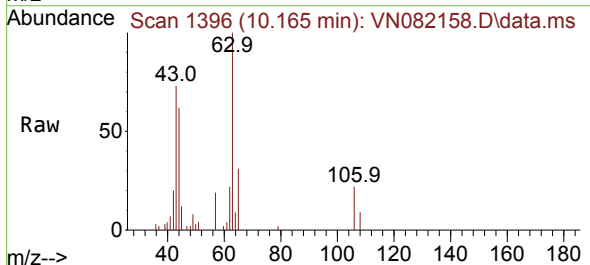


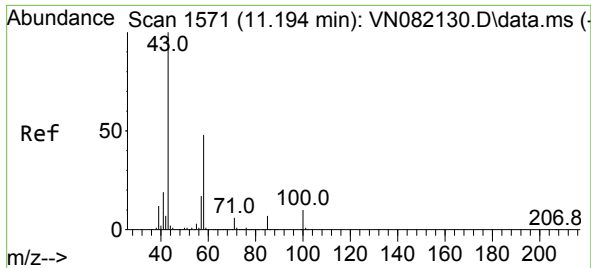
Tgt Ion: 76 Resp: 9529
Ion Ratio Lower Upper
76 100
78 33.6 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 11.852 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 63 Resp: 20806
Ion Ratio Lower Upper
63 100
106 26.1 24.6 36.8

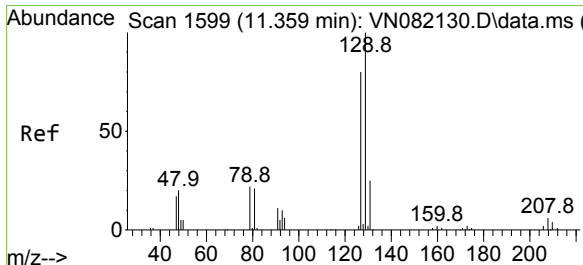
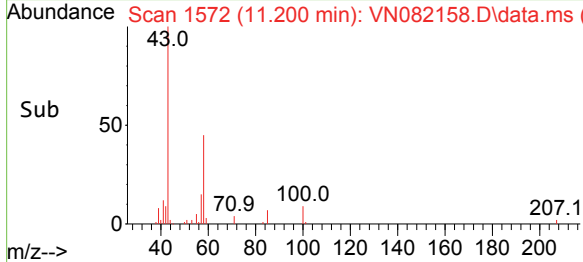
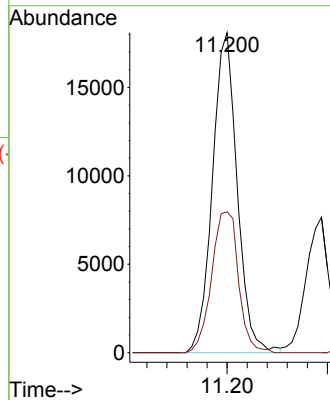
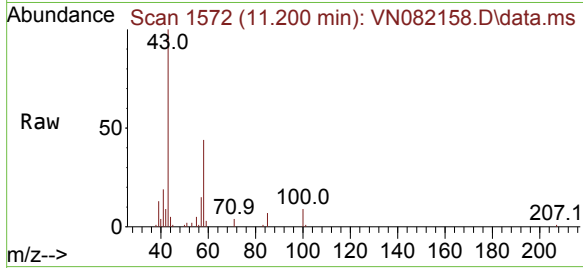




#59
2-Hexanone
Concen: 12.177 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

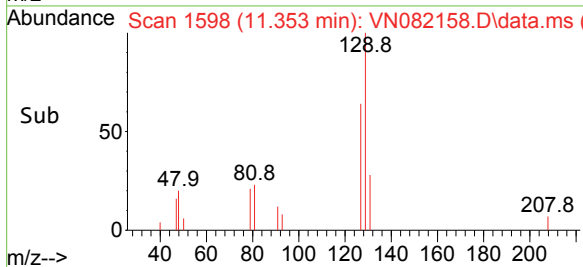
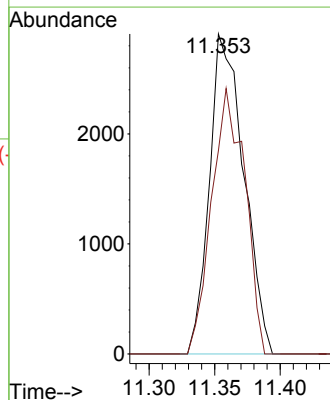
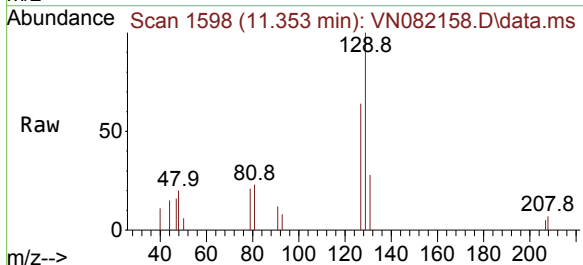
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

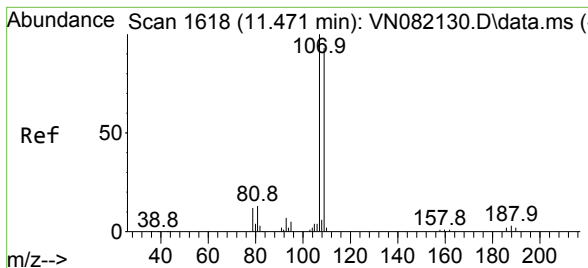
Tgt Ion: 43 Resp: 30966
Ion Ratio Lower Upper
43 100
58 47.6 28.3 84.9



#60
Dibromochloromethane
Concen: 2.392 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 129 Resp: 5291
Ion Ratio Lower Upper
129 100
127 80.5 38.3 114.8

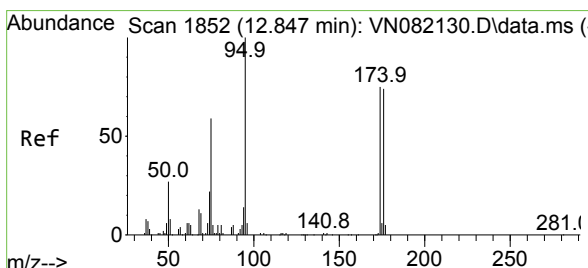
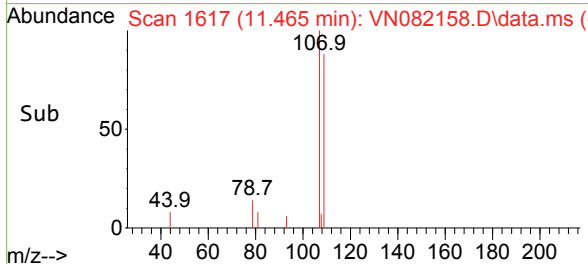
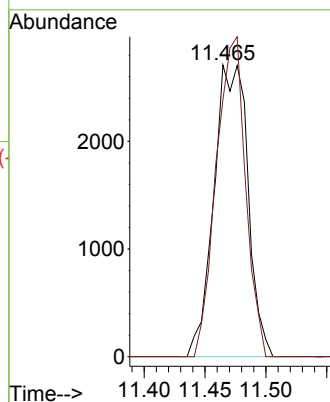
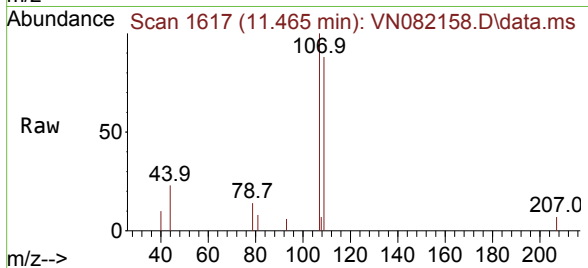




#61
1,2-Dibromoethane
Concen: 2.556 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

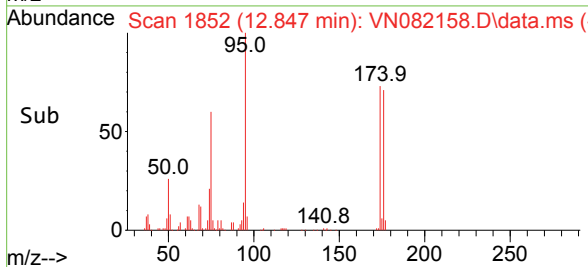
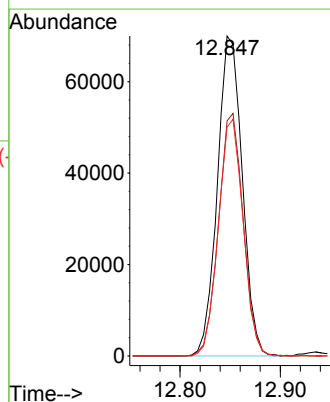
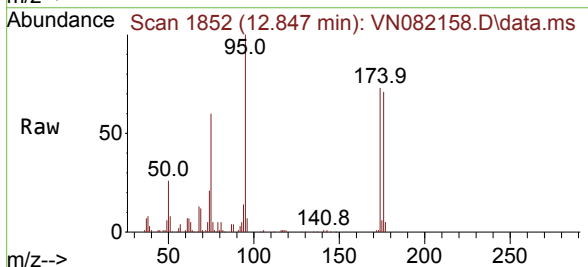
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

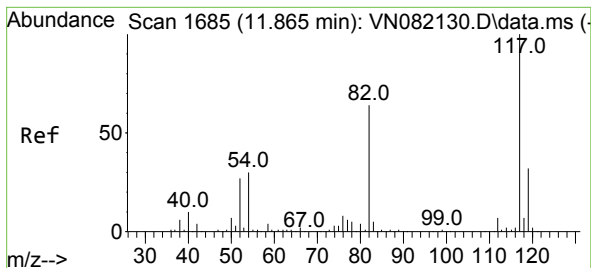
Tgt Ion:107 Resp: 5263
Ion Ratio Lower Upper
107 100
109 94.4 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 47.941 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 95 Resp: 120576
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 73.5 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: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

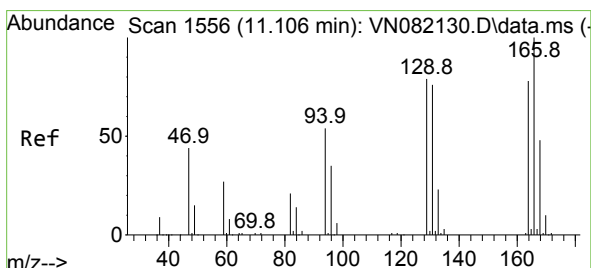
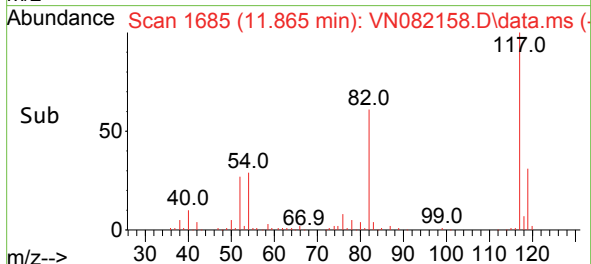
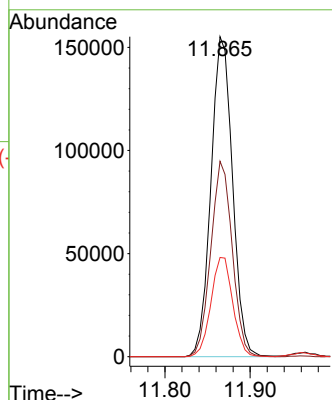
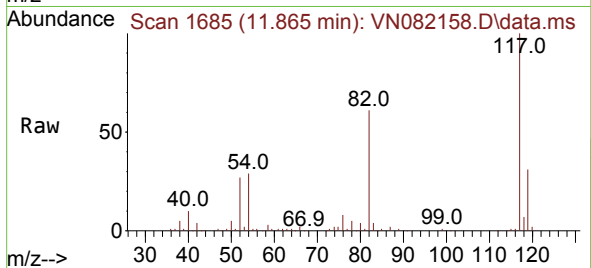
Tgt Ion:117 Resp: 273203

Ion Ratio Lower Upper

117 100

82 61.1 44.6 66.8

119 31.0 25.9 38.9



#64

Tetrachloroethene

Concen: 2.635 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Tgt Ion:164 Resp: 5336

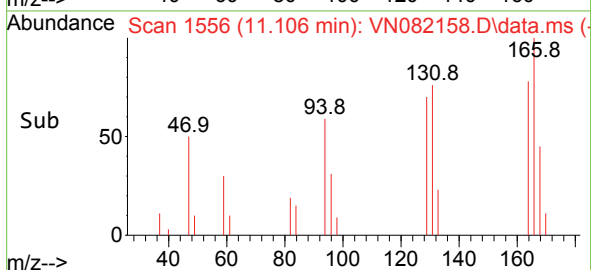
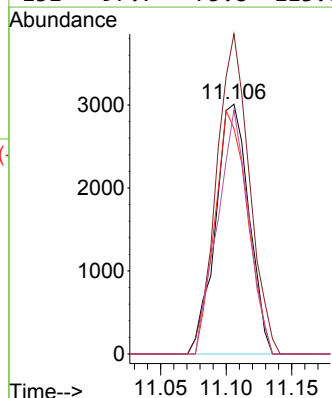
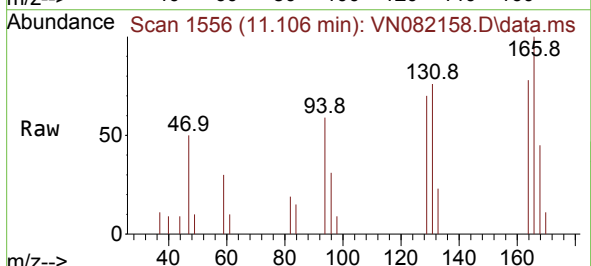
Ion Ratio Lower Upper

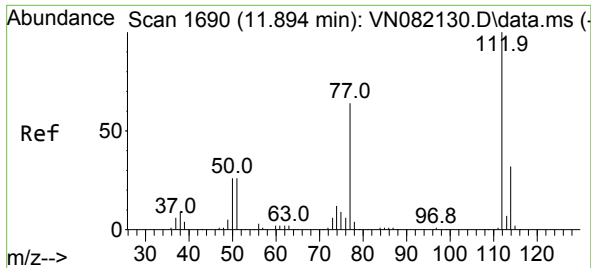
164 100

166 128.1 97.6 146.4

129 90.3 73.7 110.5

131 97.7 75.8 113.6

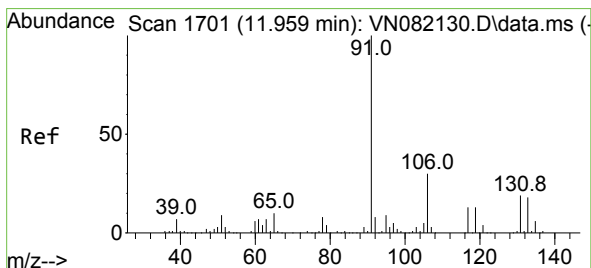
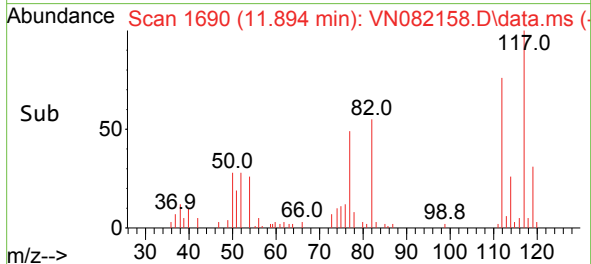
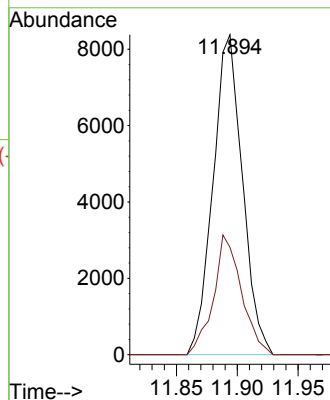
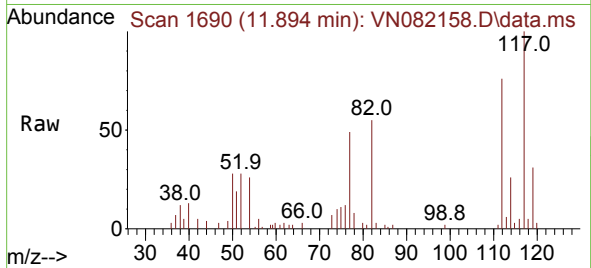




#65
Chlorobenzene
Concen: 2.334 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

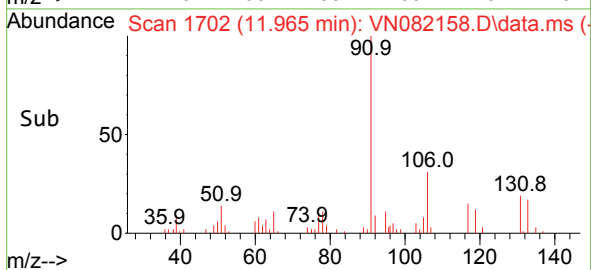
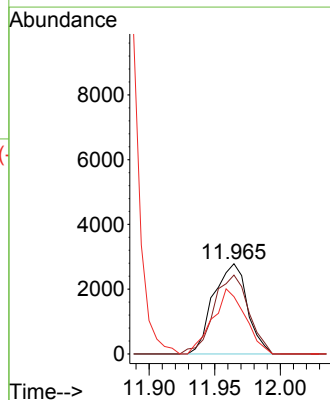
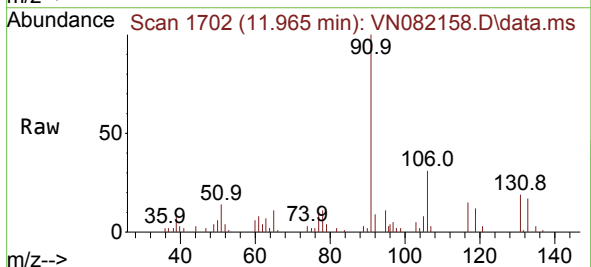
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

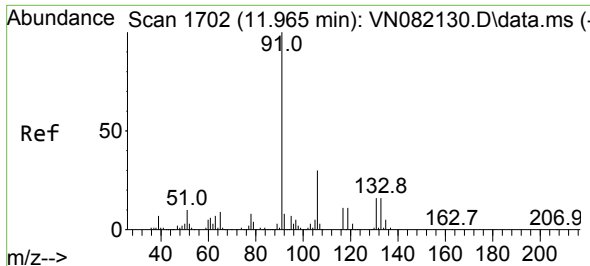
Tgt Ion:112 Resp: 14085
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 2.523 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion:131 Resp: 5016
Ion Ratio Lower Upper
131 100
133 90.0 47.5 142.6
119 69.3 32.9 98.7

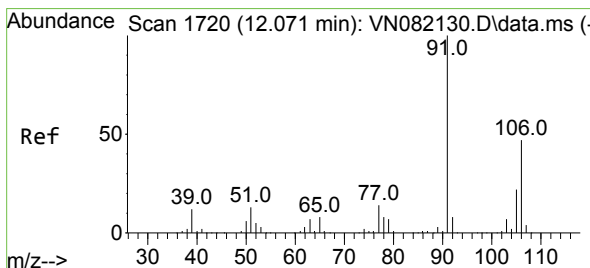
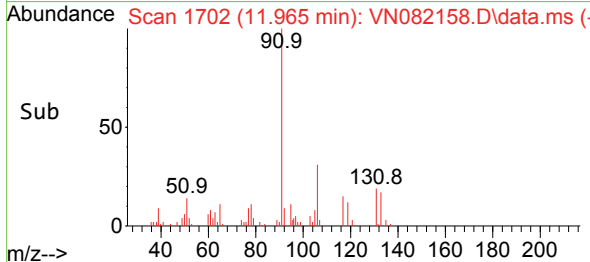
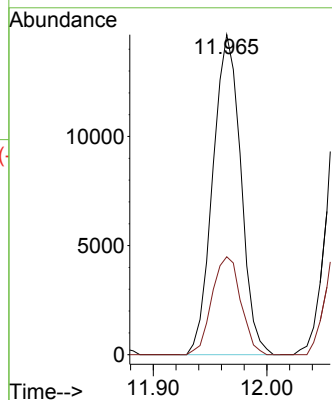
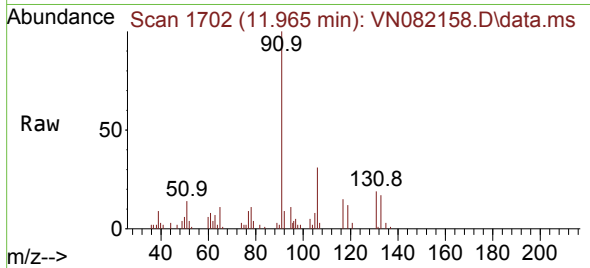




#67
Ethyl Benzene
Concen: 2.325 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

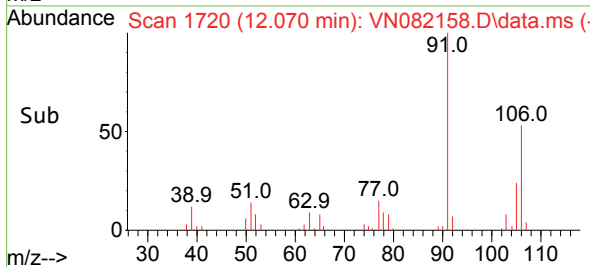
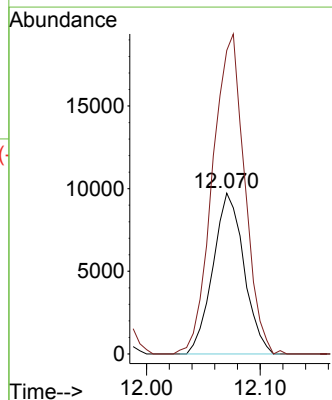
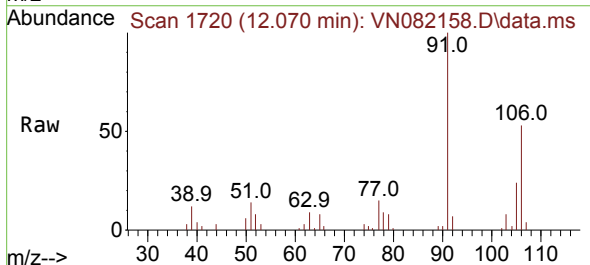
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

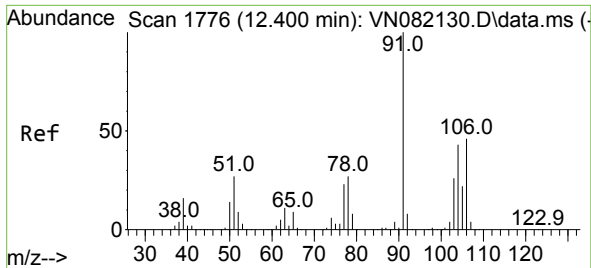
Tgt Ion: 91 Resp: 25101
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9



#68
m/p-Xylenes
Concen: 4.662 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 106 Resp: 18449
Ion Ratio Lower Upper
106 100
91 205.8 159.4 239.0

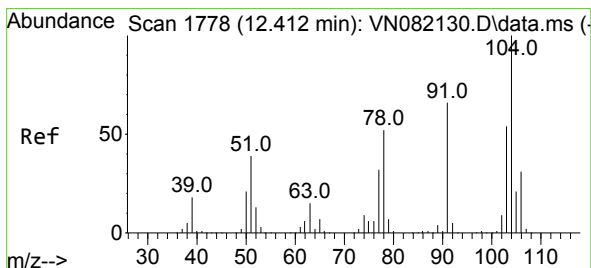
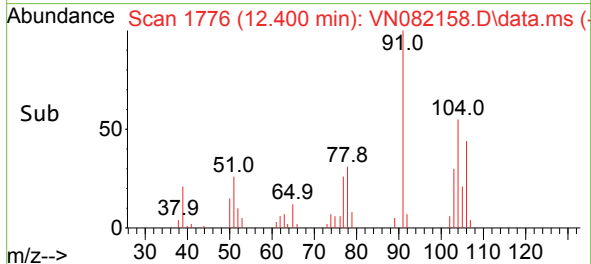
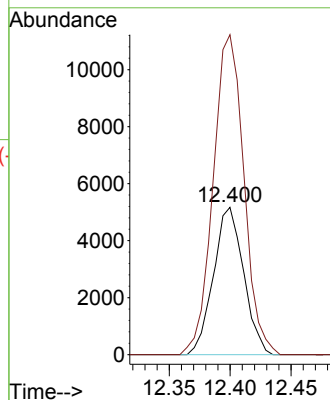
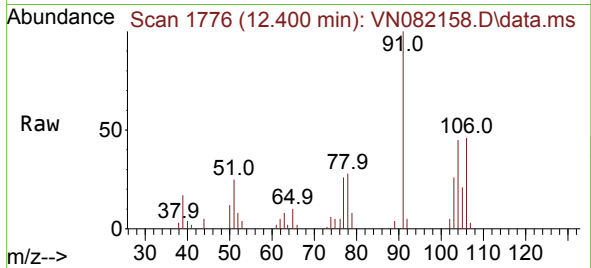




#69
o-Xylene
Concen: 2.320 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

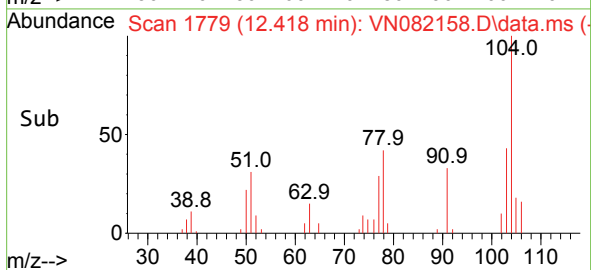
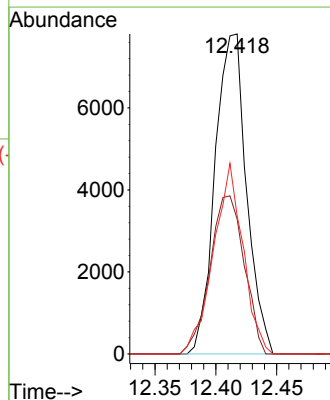
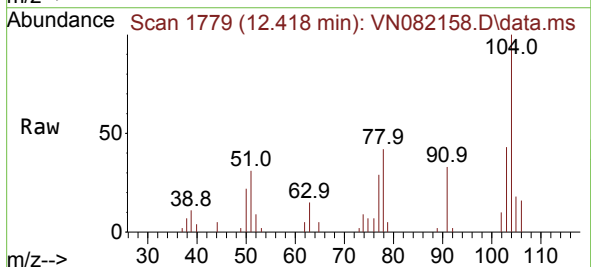
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

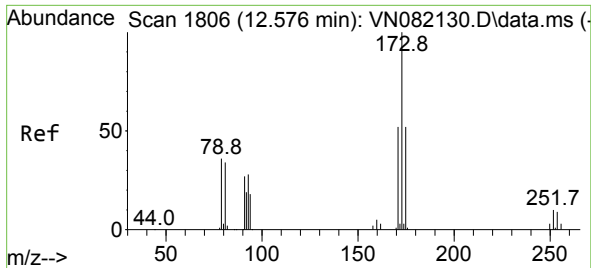
Tgt Ion:106 Resp: 8894
Ion Ratio Lower Upper
106 100
91 221.7 104.7 314.1



#70
Styrene
Concen: 2.199 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion:104 Resp: 13999
Ion Ratio Lower Upper
104 100
78 54.1 38.6 58.0
103 56.0 43.8 65.6

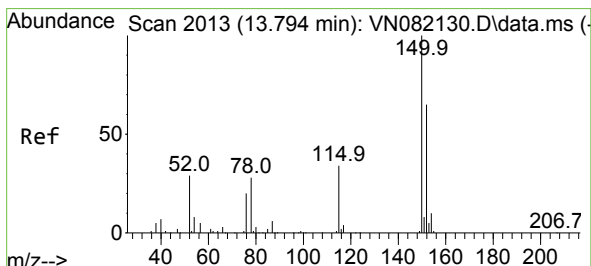
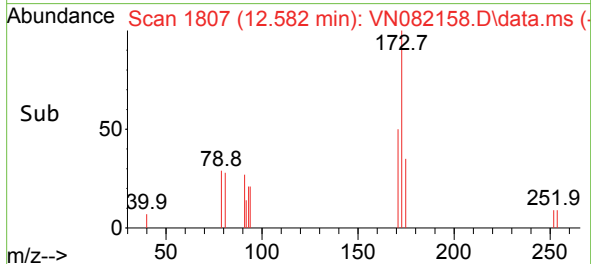
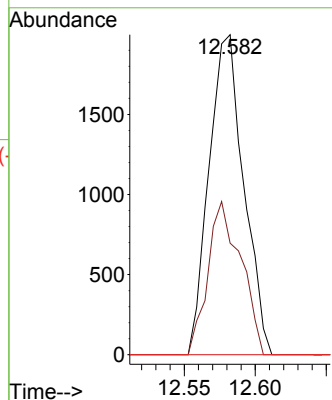
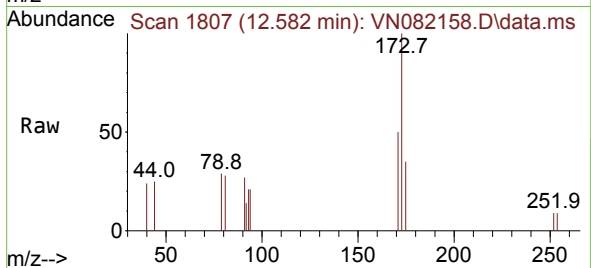




#71
Bromoform
Concen: 2.376 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

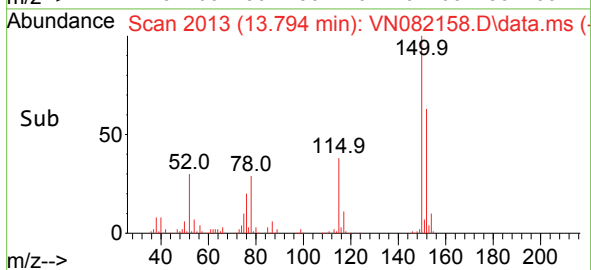
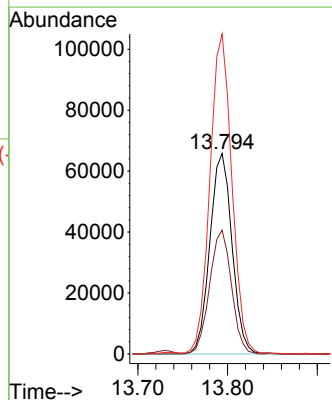
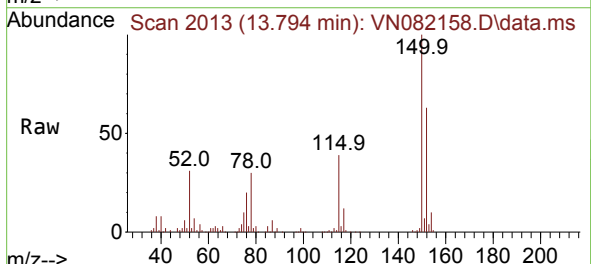
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

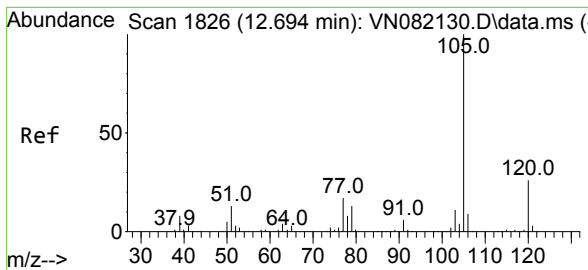
Tgt Ion:173 Resp: 3392
Ion Ratio Lower Upper
173 100
175 45.6 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion:152 Resp: 112655
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 158.4 0.0 353.2





#73

Isopropylbenzene

Concen: 2.514 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

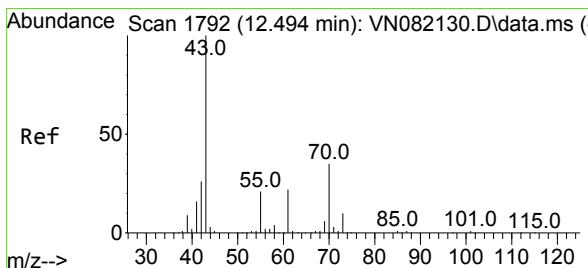
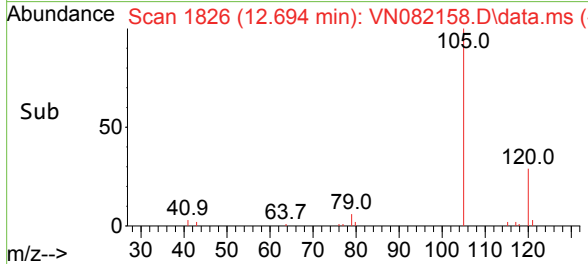
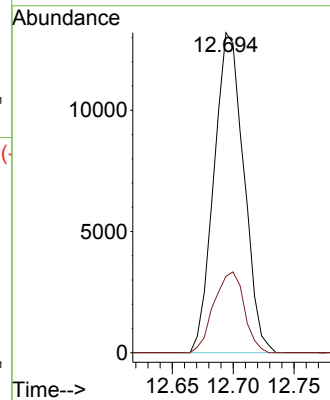
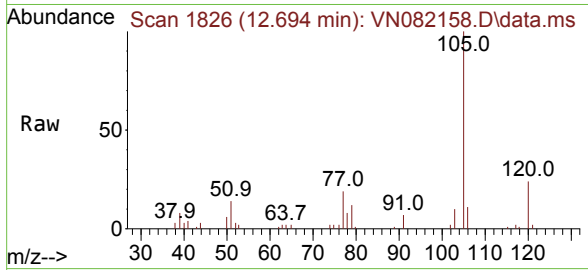
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 22497

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.1



#74

N-ethyl acetate

Concen: 2.308 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Tgt Ion: 43 Resp: 11362

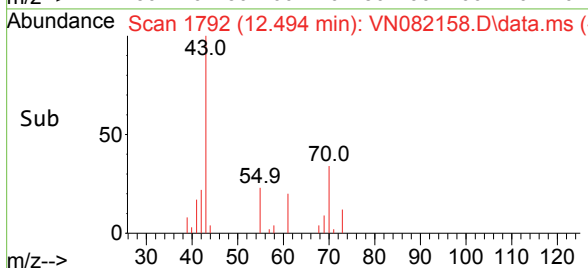
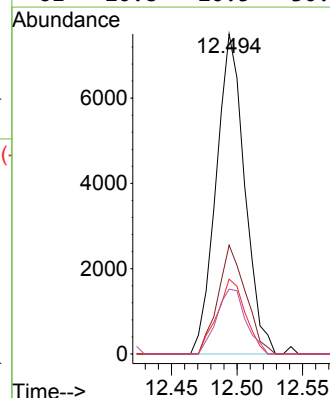
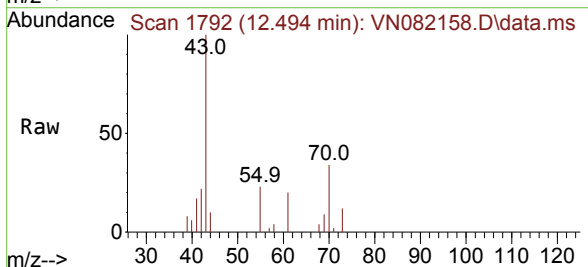
Ion Ratio Lower Upper

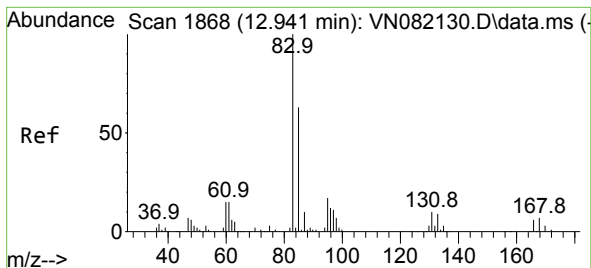
43 100

70 33.0 39.0 58.4#

55 23.0 21.3 31.9

61 20.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 2.749 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

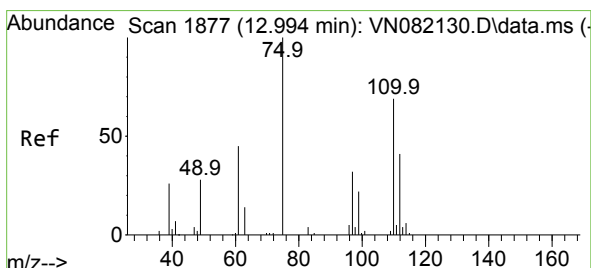
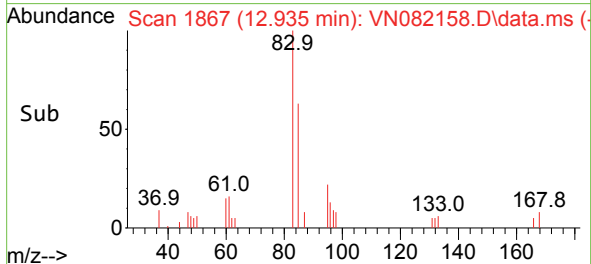
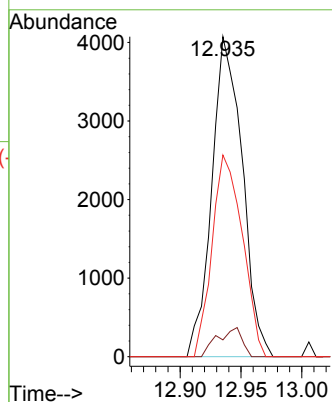
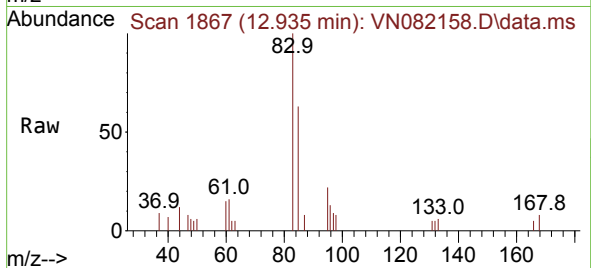
Tgt Ion: 83 Resp: 7092

Ion Ratio Lower Upper

83 100

131 7.4 5.5 16.4

85 62.6 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 4.151 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082158.D

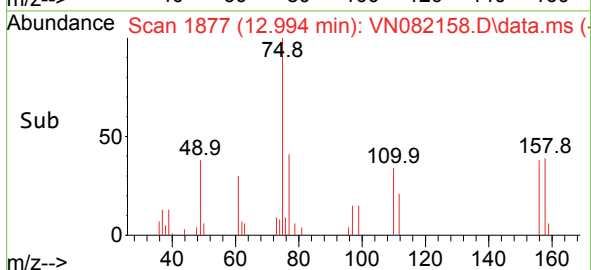
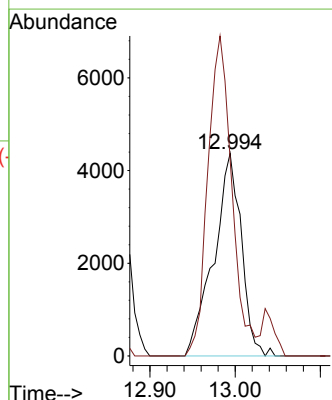
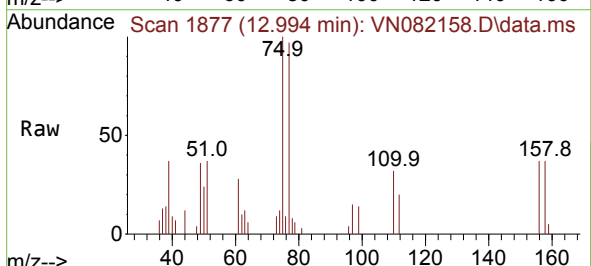
Acq: 16 May 2024 13:43

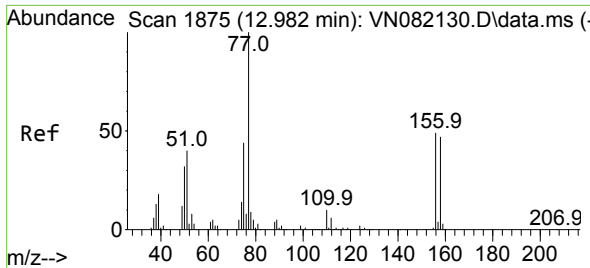
Tgt Ion: 75 Resp: 9842

Ion Ratio Lower Upper

75 100

77 137.2 90.5 271.3

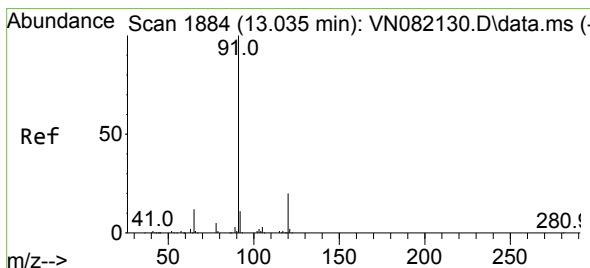
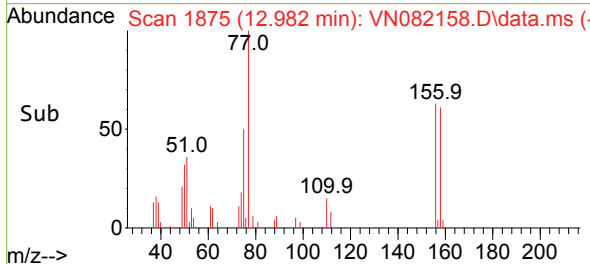
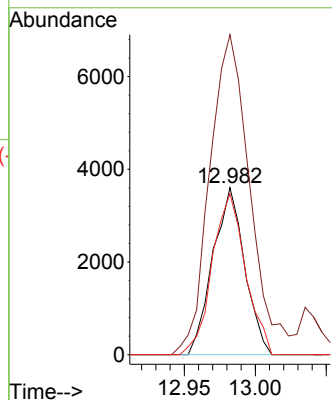
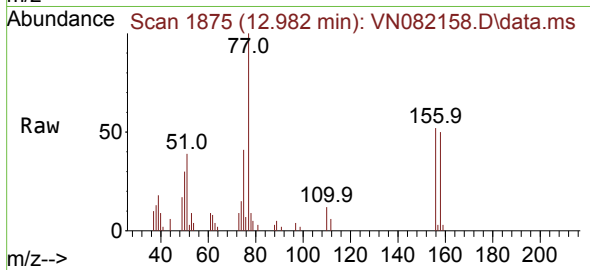




#77
Bromobenzene
Concen: 2.625 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

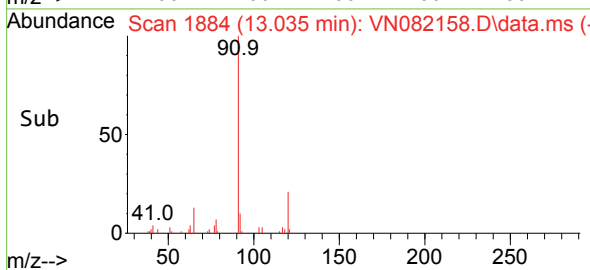
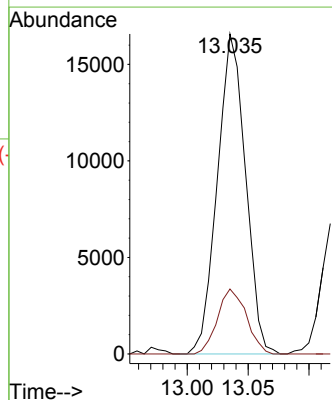
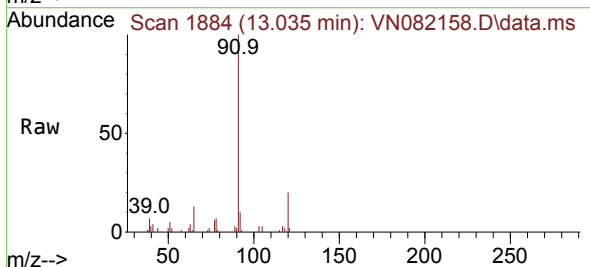
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

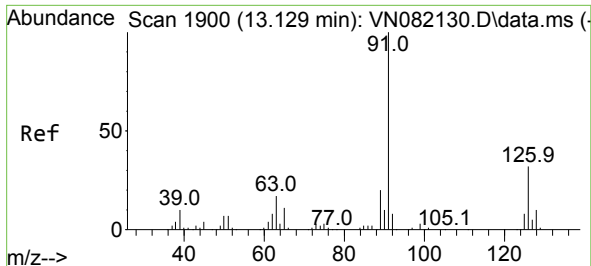
Tgt Ion:156 Resp: 5599
Ion Ratio Lower Upper
156 100
77 241.1 100.2 300.6
158 100.9 49.1 147.3



#78
n-propylbenzene
Concen: 2.518 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 91 Resp: 26683
Ion Ratio Lower Upper
91 100
120 20.8 11.7 35.0

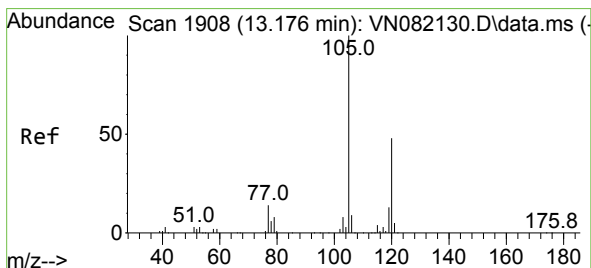
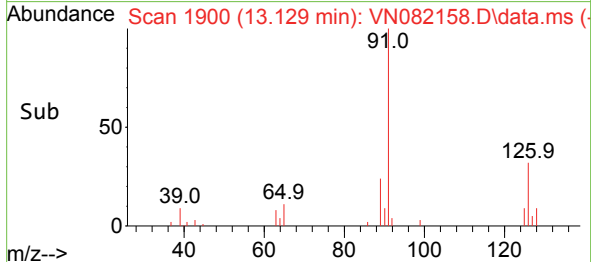
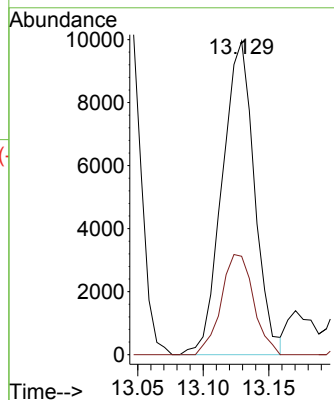
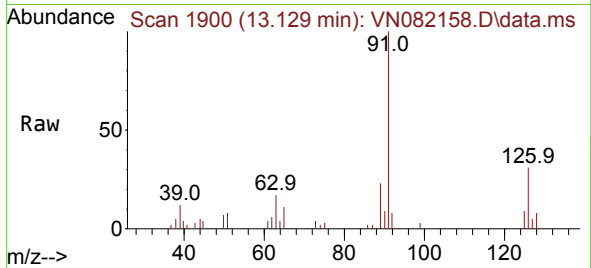




#79
2-Chlorotoluene
Concen: 2.562 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

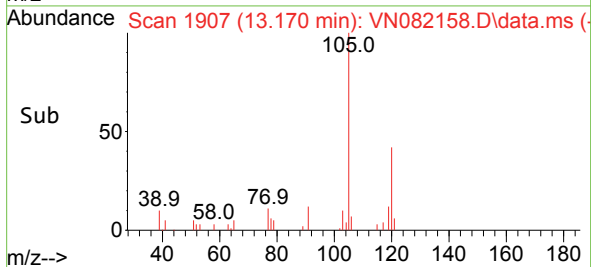
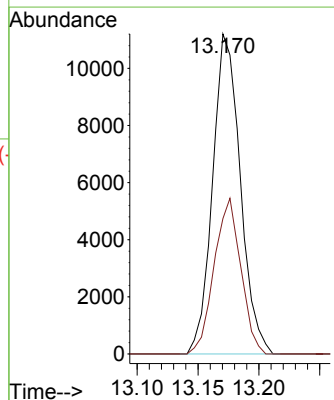
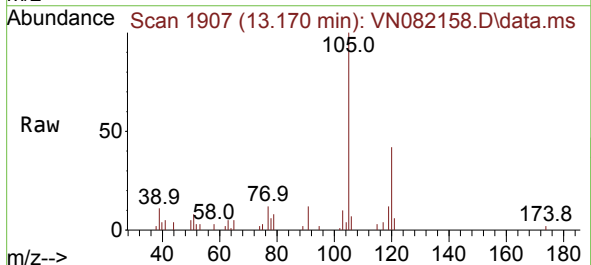
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

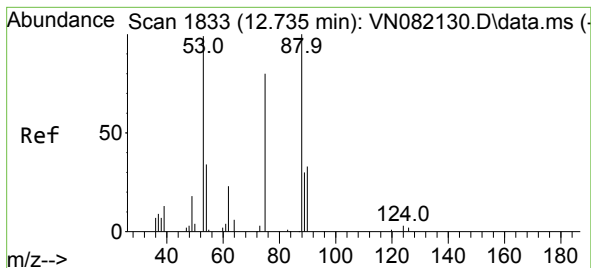
Tgt Ion: 91 Resp: 17052
Ion Ratio Lower Upper
91 100
126 32.1 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 2.451 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 105 Resp: 17740
Ion Ratio Lower Upper
105 100
120 46.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 71.014 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

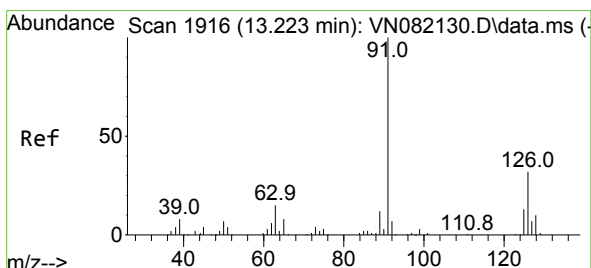
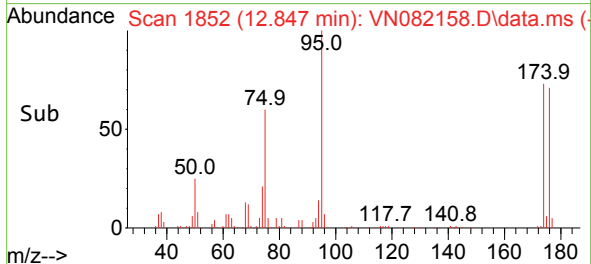
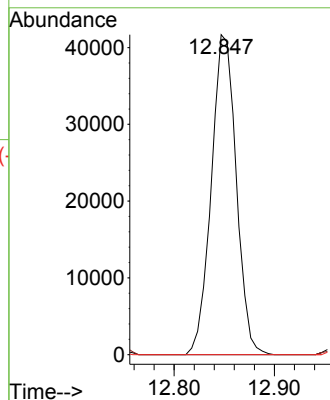
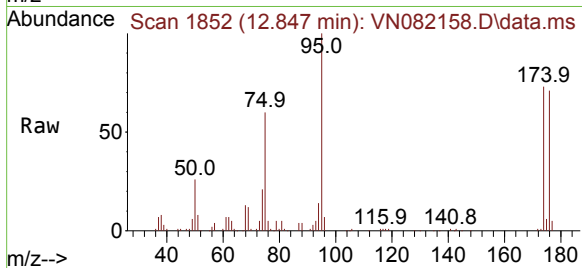
Tgt Ion: 75 Resp: 71990

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#



#82

4-Chlorotoluene

Concen: 2.571 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. -0.000 min

Lab File: VN082158.D

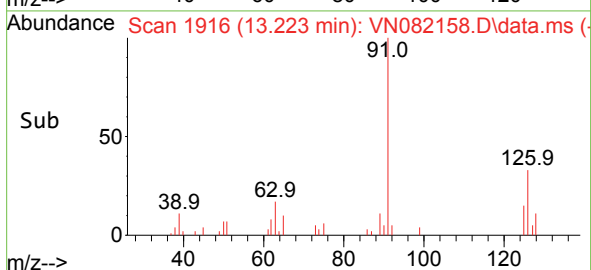
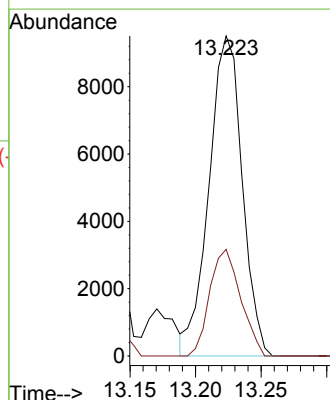
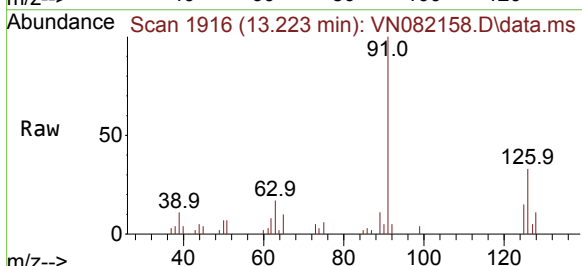
Acq: 16 May 2024 13:43

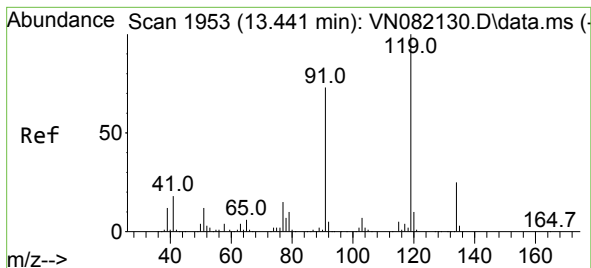
Tgt Ion: 91 Resp: 16729

Ion Ratio Lower Upper

91 100

126 31.0 17.4 52.3





#83

tert-Butylbenzene

Concen: 2.498 ug/l

RT: 13.435 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

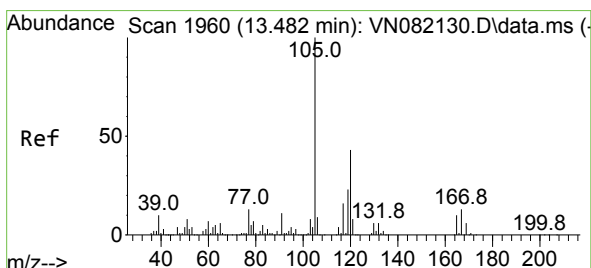
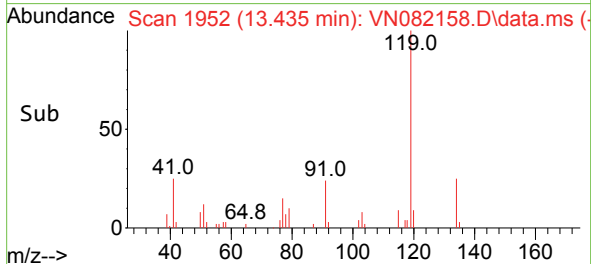
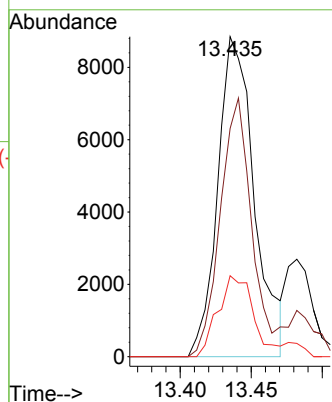
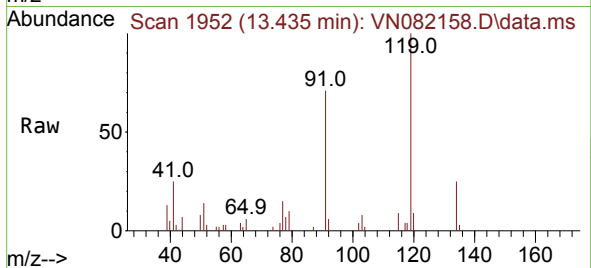
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:119	Resp:	15818
Ion	Ratio	Lower Upper
119	100	
91	72.2	32.6 97.8
134	24.7	12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 2.283 ug/l

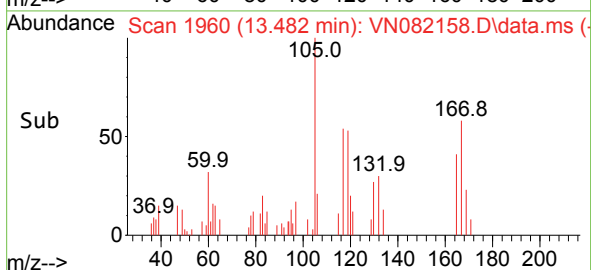
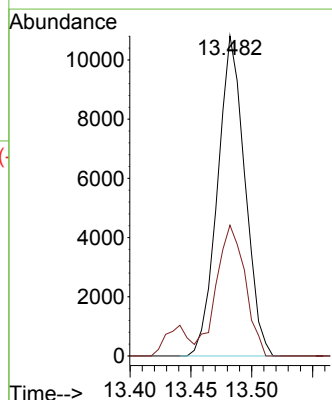
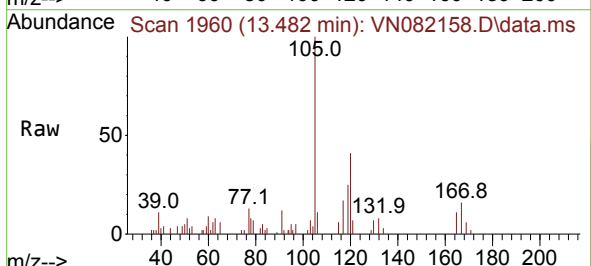
RT: 13.482 min Scan# 1960

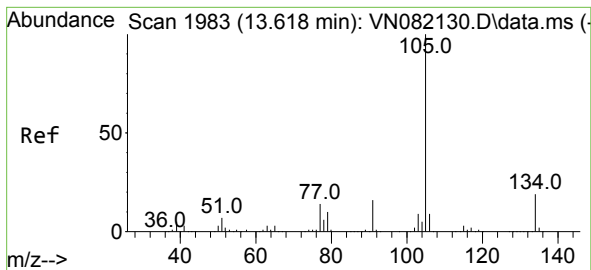
Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Tgt Ion:105	Resp:	16902
Ion	Ratio	Lower Upper
105	100	
120	42.9	22.9 68.7





#85

sec-Butylbenzene

Concen: 2.362 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

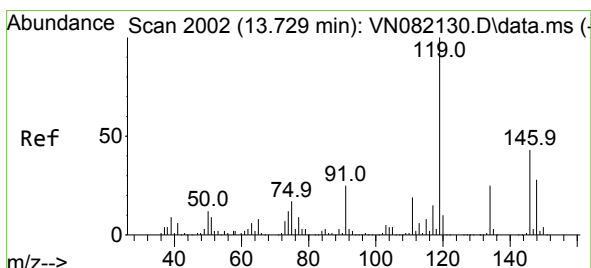
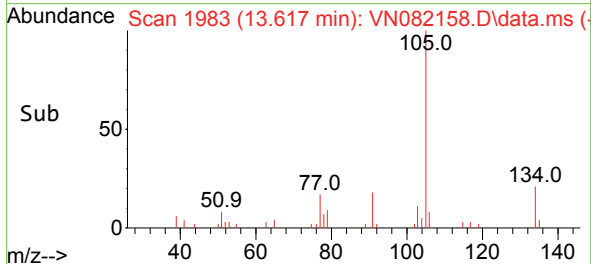
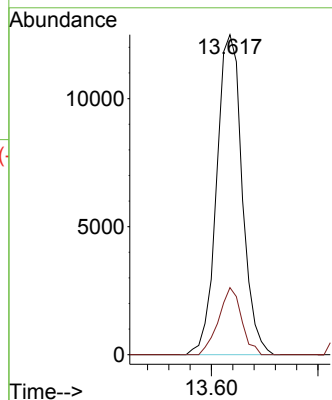
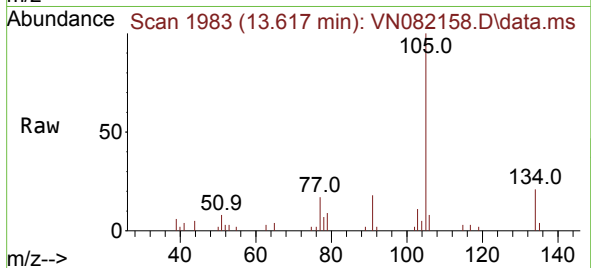
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 20726

Ion Ratio Lower Upper

105 100

134 18.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 2.218 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

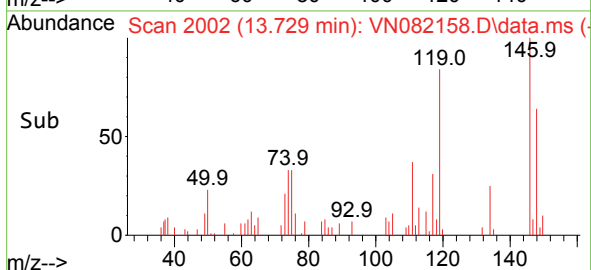
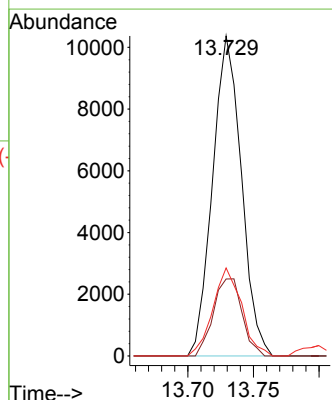
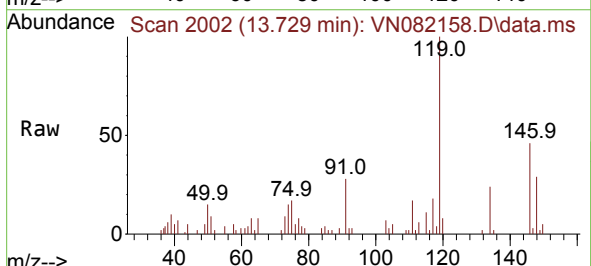
Tgt Ion:119 Resp: 15820

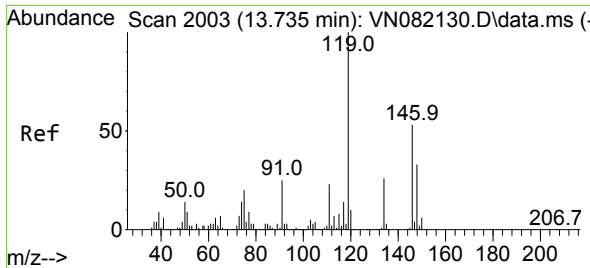
Ion Ratio Lower Upper

119 100

134 24.1 13.2 39.5

91 27.4 11.8 35.3

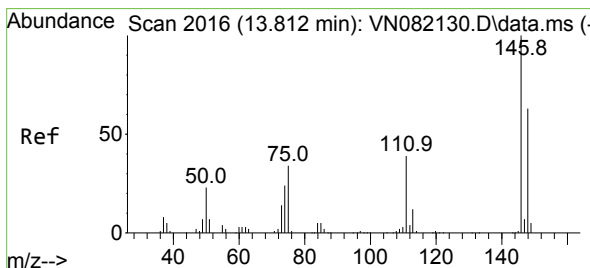
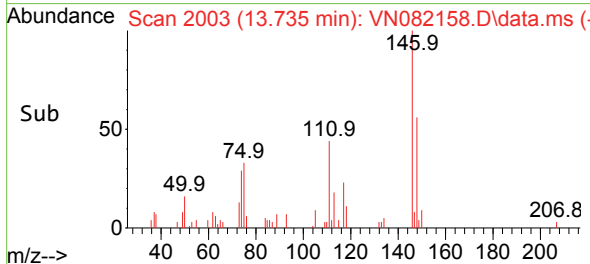
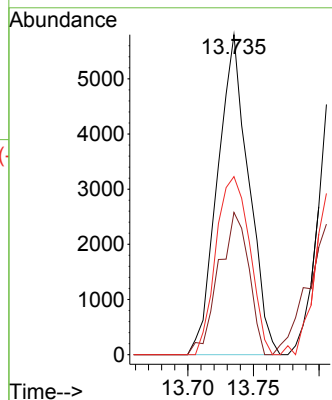
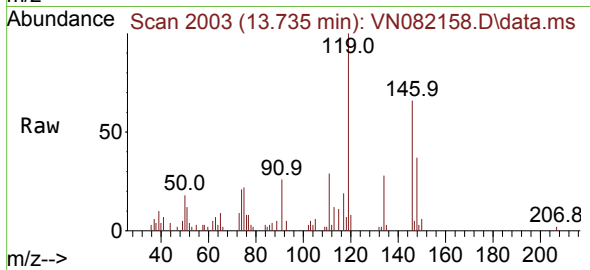




#87
 1,3-Dichlorobenzene
 Concen: 2.480 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082158.D
 Acq: 16 May 2024 13:43

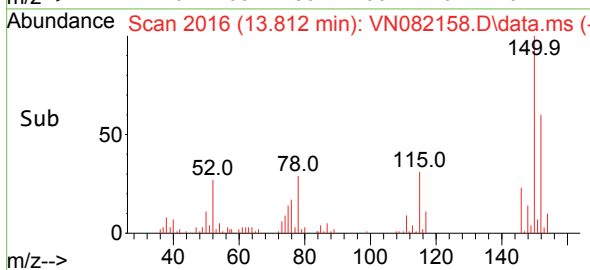
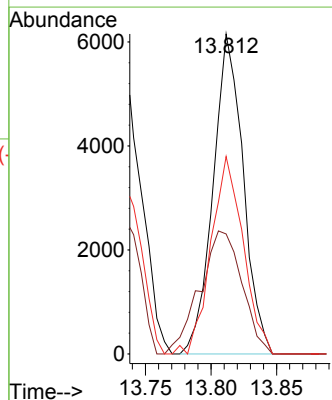
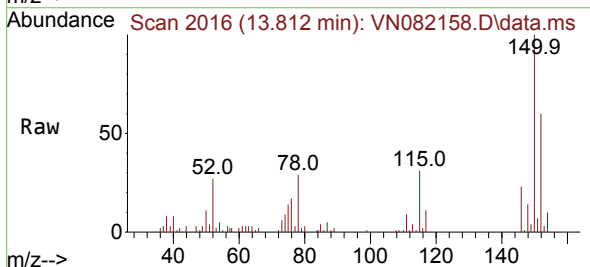
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2024

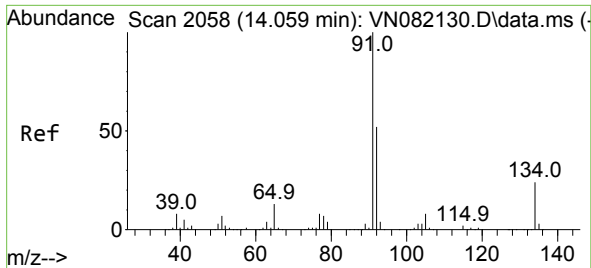
Tgt Ion:146 Resp: 9583
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.8 62.5
 148 60.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 2.490 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082158.D
 Acq: 16 May 2024 13:43

Tgt Ion:146 Resp: 9821
 Ion Ratio Lower Upper
 146 100
 111 53.8 19.3 57.9
 148 66.0 31.3 93.9

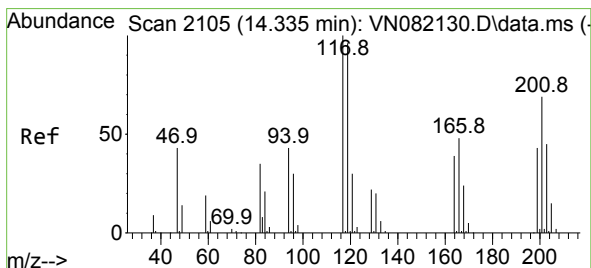
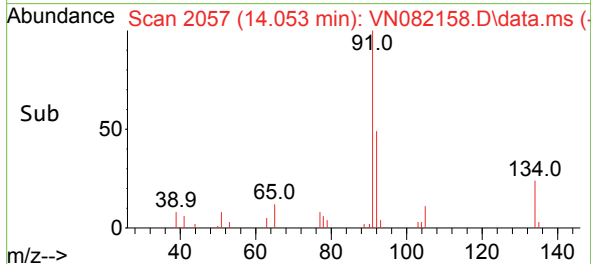
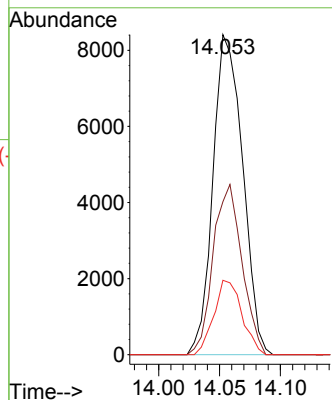
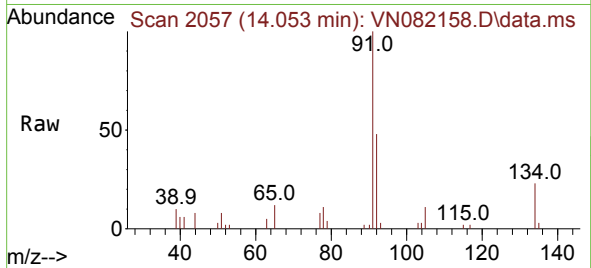




#89
n-Butylbenzene
Concen: 2.226 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

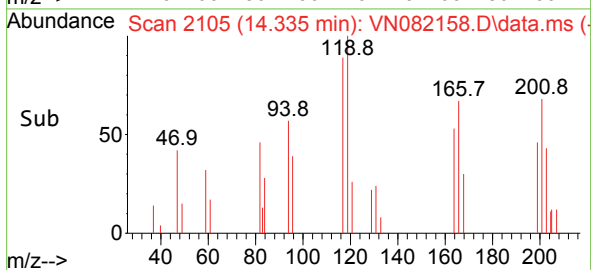
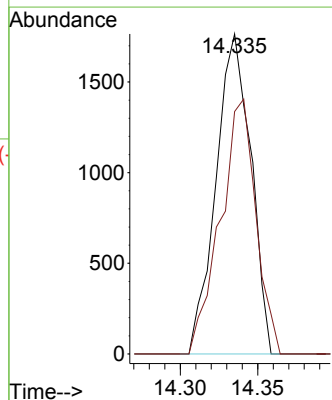
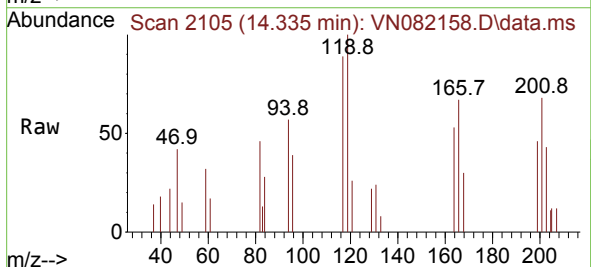
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

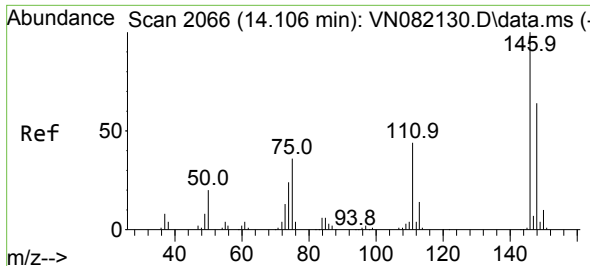
Tgt Ion: 91	Resp: 14268
Ion Ratio	Lower Upper
91	100
92	51.6 26.2 78.5
134	22.0 13.2 39.5



#90
Hexachloroethane
Concen: 2.090 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 117	Resp: 2761
Ion Ratio	Lower Upper
117	100
201	81.2 33.3 99.8

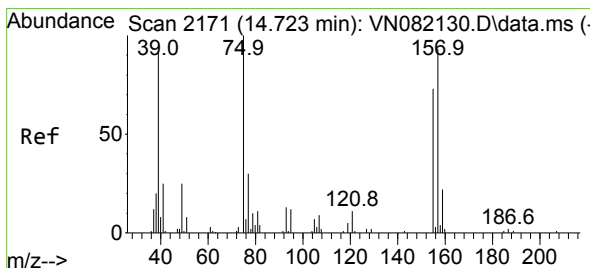
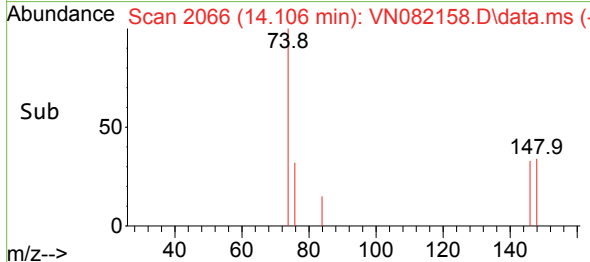
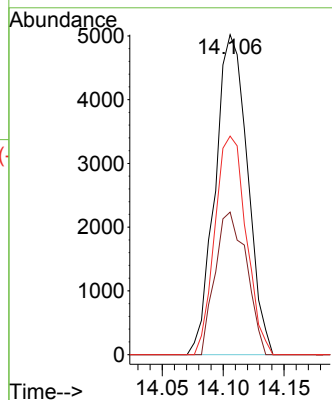
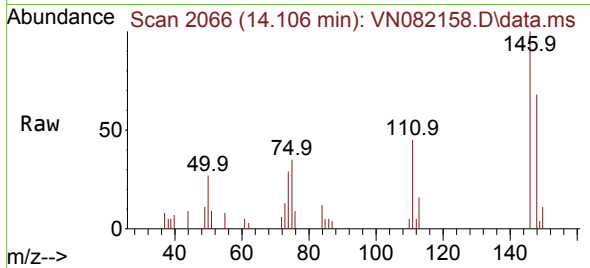




#91
1,2-Dichlorobenzene
Concen: 2.540 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

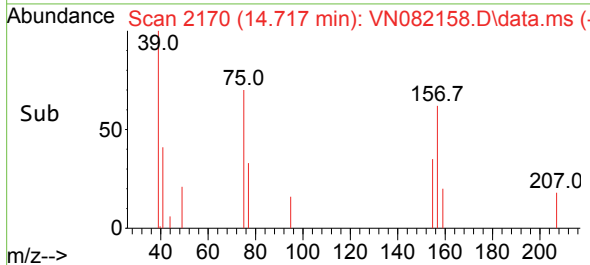
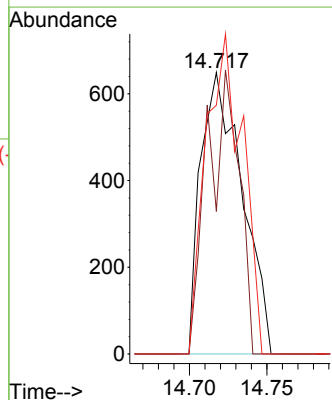
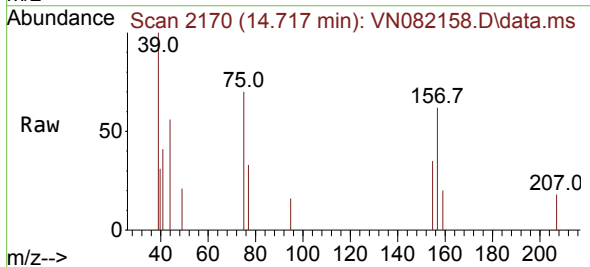
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

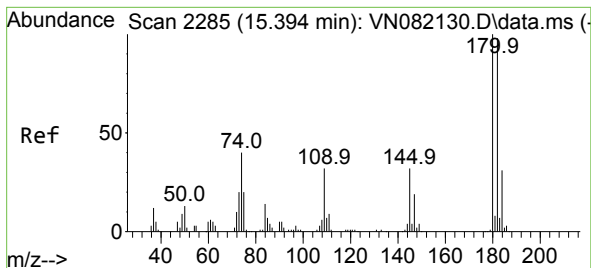
Tgt Ion:146 Resp: 9290
Ion Ratio Lower Upper
146 100
111 43.0 21.3 64.0
148 66.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.275 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion: 75 Resp: 1206
Ion Ratio Lower Upper
75 100
155 77.2 42.6 128.0
157 100.6 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 2.001 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

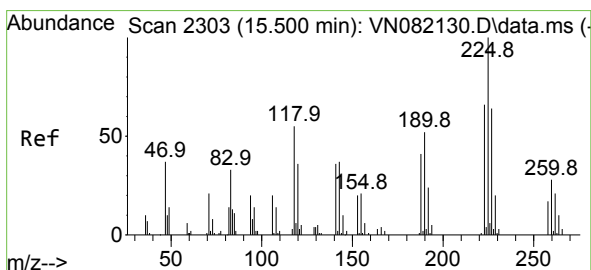
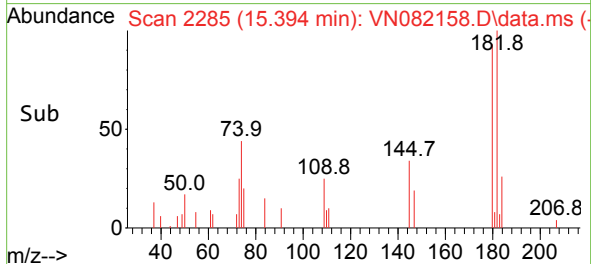
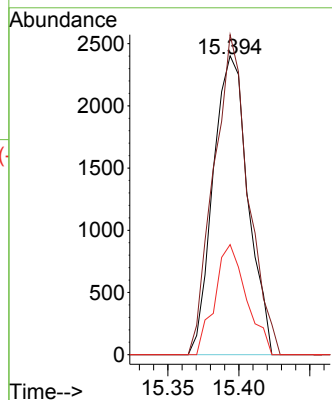
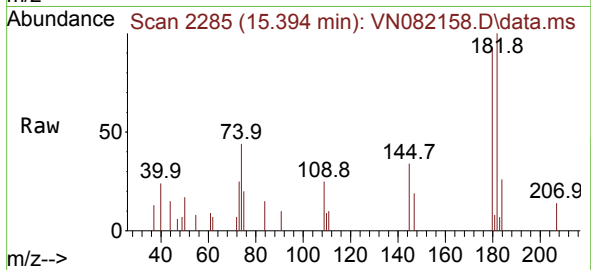
Tgt Ion:180 Resp: 4103

Ion Ratio Lower Upper

180 100

182 106.1 46.7 140.0

145 33.4 16.2 48.6



#94

Hexachlorobutadiene

Concen: 2.349 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN082158.D

Acq: 16 May 2024 13:43

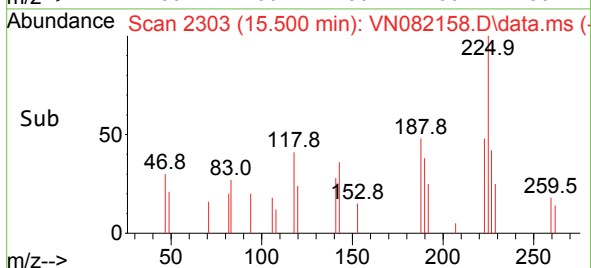
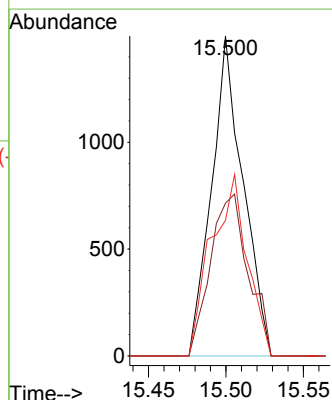
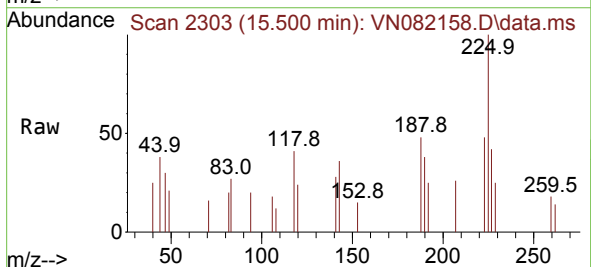
Tgt Ion:225 Resp: 2113

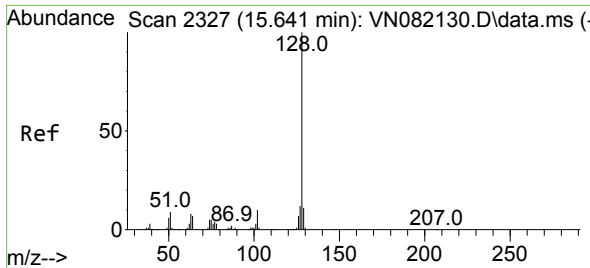
Ion Ratio Lower Upper

225 100

223 60.9 31.1 93.2

227 64.5 30.6 91.6

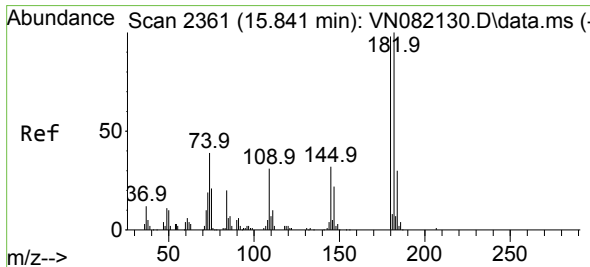
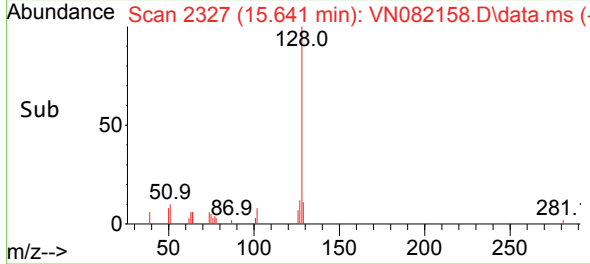
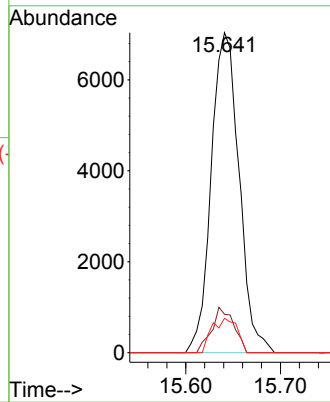
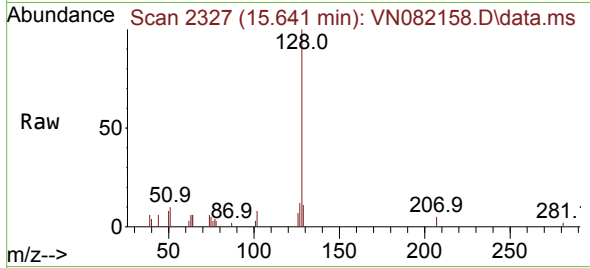




#95
Naphthalene
Concen: 2.238 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

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

Tgt Ion:	128	Resp:	14381
Ion Ratio	Lower	Upper	
128	100		
127	11.3	10.1	15.1
129	9.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 2.250 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN082158.D
Acq: 16 May 2024 13:43

Tgt Ion:	180	Resp:	4618
Ion Ratio	Lower	Upper	
180	100		
182	97.0	46.0	137.8
145	33.5	17.1	51.3

