

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082155.D
 Acq On : 16 May 2024 12:31
 Operator : JC\MD
 Sample : P2403-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 17 04:09:29 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	204161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	352748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156178	48.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.900%
35) Dibromofluoromethane	8.165	113	102582	47.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	10.565	98	385067	46.285	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.847	95	121347	40.866	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	81.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	510	0.173	ug/l	76
3) Chloromethane	2.365	50	814	0.244	ug/l	98
4) Vinyl Chloride	2.518	62	525	0.167	ug/l #	76
5) Bromomethane	2.983	94	983	0.545	ug/l #	64
6) Chloroethane	3.118	64	282	0.138	ug/l #	44
7) Trichlorofluoromethane	3.495	101	710	0.173	ug/l #	61
8) Diethyl Ether	3.959	74	73	0.050	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	55	0.023	ug/l #	19
10) Methyl Iodide	4.595	142	263	0.109	ug/l #	40
11) Tert butyl alcohol	5.518	59	129	0.249	ug/l #	71
12) 1,1-Dichloroethene	4.330	96	192	0.086	ug/l #	1
13) Acrolein	4.177	56	203	0.529	ug/l #	50
14) Allyl chloride	5.018	41	994	0.208	ug/l #	48
15) Acrylonitrile	5.724	53	933	0.696	ug/l #	20
16) Acetone	4.430	43	1352	1.022	ug/l #	43
17) Carbon Disulfide	4.712	76	1942	0.270	ug/l #	74
18) Methyl Acetate	5.036	43	343	0.104	ug/l #	47
19) Methyl tert-butyl Ether	5.806	73	1188	0.146	ug/l #	56
20) Methylene Chloride	5.271	84	368	0.138	ug/l #	67
21) trans-1,2-Dichloroethene	5.794	96	256	0.105	ug/l #	55
22) Diisopropyl ether	6.677	45	1135	0.114	ug/l #	49
23) Vinyl Acetate	6.606	43	7390	0.940	ug/l	96
24) 1,1-Dichloroethane	6.559	63	725	0.141	ug/l #	81
25) 2-Butanone	7.483	43	1637	0.816	ug/l #	43
26) 2,2-Dichloropropane	7.483	77	680	0.158	ug/l #	53
27) cis-1,2-Dichloroethene	7.494	96	351	0.122	ug/l #	36
28) Bromochloromethane	7.812	49	520	0.217	ug/l #	10
29) Tetrahydrofuran	7.859	42	878	0.682	ug/l #	73
30) Chloroform	7.971	83	712	0.145	ug/l #	72
31) Cyclohexane	8.230	56	7335	1.425	ug/l #	59
32) 1,1,1-Trichloroethane	8.165	97	623	0.143	ug/l #	24
36) 1,1-Dichloropropene	8.377	75	646	0.178	ug/l #	41
37) Ethyl Acetate	7.571	43	713	0.175	ug/l #	68
38) Carbon Tetrachloride	8.224	117	22425	6.079	ug/l #	16
39) Methylcyclohexane	9.606	83	788	0.198	ug/l #	74
40) Benzene	8.606	78	1873	0.173	ug/l #	69

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082155.D
 Acq On : 16 May 2024 12:31
 Operator : JC\MD
 Sample : P2403-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 17 04:09:29 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)
41) Methacrylonitrile	7.777	41	140	0.058	ug/l #	19
42) 1,2-Dichloroethane	8.671	62	956	0.229	ug/l #	73
43) Isopropyl Acetate	8.694	43	1335	0.185	ug/l #	63
44) Trichloroethene	9.353	130	461	0.187	ug/l	94
45) 1,2-Dichloropropane	9.618	63	330	0.118	ug/l #	45
46) Dibromomethane	9.718	93	250	0.136	ug/l #	19
47) Bromodichloromethane	9.888	83	472	0.122	ug/l #	94
48) Methyl methacrylate	9.688	41	676	0.197	ug/l #	62
51) 4-Methyl-2-Pentanone	10.447	43	3530	0.861	ug/l #	78
52) Toluene	10.629	92	1248	0.192	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	612	0.152	ug/l #	43
54) cis-1,3-Dichloropropene	10.312	75	588	0.138	ug/l #	38
55) 1,1,2-Trichloroethane	11.012	97	305	0.129	ug/l #	76
56) Ethyl methacrylate	10.871	69	459	0.114	ug/l #	27
57) 1,3-Dichloropropane	11.159	76	807	0.182	ug/l #	79
58) 2-Chloroethyl Vinyl ether	10.165	63	1132	0.546	ug/l #	67
59) 2-Hexanone	11.194	43	2401	0.800	ug/l	77
60) Dibromochloromethane	11.359	129	266	0.102	ug/l	86
61) 1,2-Dibromoethane	11.482	107	358	0.147	ug/l #	56
64) Tetrachloroethene	11.106	164	268	0.121	ug/l #	71
65) Chlorobenzene	11.888	112	1577	0.238	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.959	131	295	0.135	ug/l #	65
67) Ethyl Benzene	11.965	91	2125	0.179	ug/l #	80
68) m/p-Xylenes	12.071	106	1442	0.332	ug/l	92
69) o-Xylene	12.394	106	540	0.128	ug/l	76
70) Styrene	12.406	104	1140	0.163	ug/l	95
71) Bromoform	12.576	173	166	0.106	ug/l #	28
73) Isopropylbenzene	12.700	105	1445	0.154	ug/l	82
74) N-amyl acetate	12.488	43	942	0.182	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.941	83	247	0.091	ug/l #	54
76) 1,2,3-Trichloropropane	12.847	75	70946	28.463	ug/l #	1
77) Bromobenzene	12.976	156	357	0.159	ug/l #	34
78) n-propylbenzene	13.035	91	2128	0.191	ug/l	99
79) 2-Chlorotoluene	13.229	91	1131	0.162	ug/l	74
80) 1,3,5-Trimethylbenzene	13.170	105	1371	0.180	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.847	75	70946	66.573	ug/l #	12
82) 4-Chlorotoluene	13.229	91	1131	0.165	ug/l	74
83) tert-Butylbenzene	13.435	119	1270	0.191	ug/l #	92
84) 1,2,4-Trimethylbenzene	13.488	105	1579	0.203	ug/l	84
85) sec-Butylbenzene	13.623	105	1462	0.158	ug/l	86
86) p-Isopropyltoluene	13.729	119	1114	0.149	ug/l	82
87) 1,3-Dichlorobenzene	13.735	146	1008	0.248	ug/l	78
88) 1,4-Dichlorobenzene	13.735	146	1008	0.243	ug/l	81
89) n-Butylbenzene	14.059	91	1106	0.164	ug/l #	85
90) Hexachloroethane	14.341	117	144	0.104	ug/l #	17
91) 1,2-Dichlorobenzene	14.112	146	849	0.221	ug/l	87
93) 1,2,4-Trichlorobenzene	15.388	180	427	0.198	ug/l	76
94) Hexachlorobutadiene	15.506	225	68	0.072	ug/l #	20
95) Naphthalene	15.635	128	1400	0.207	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.841	180	496	0.230	ug/l #	57

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

Instrument :

MSVOA_N

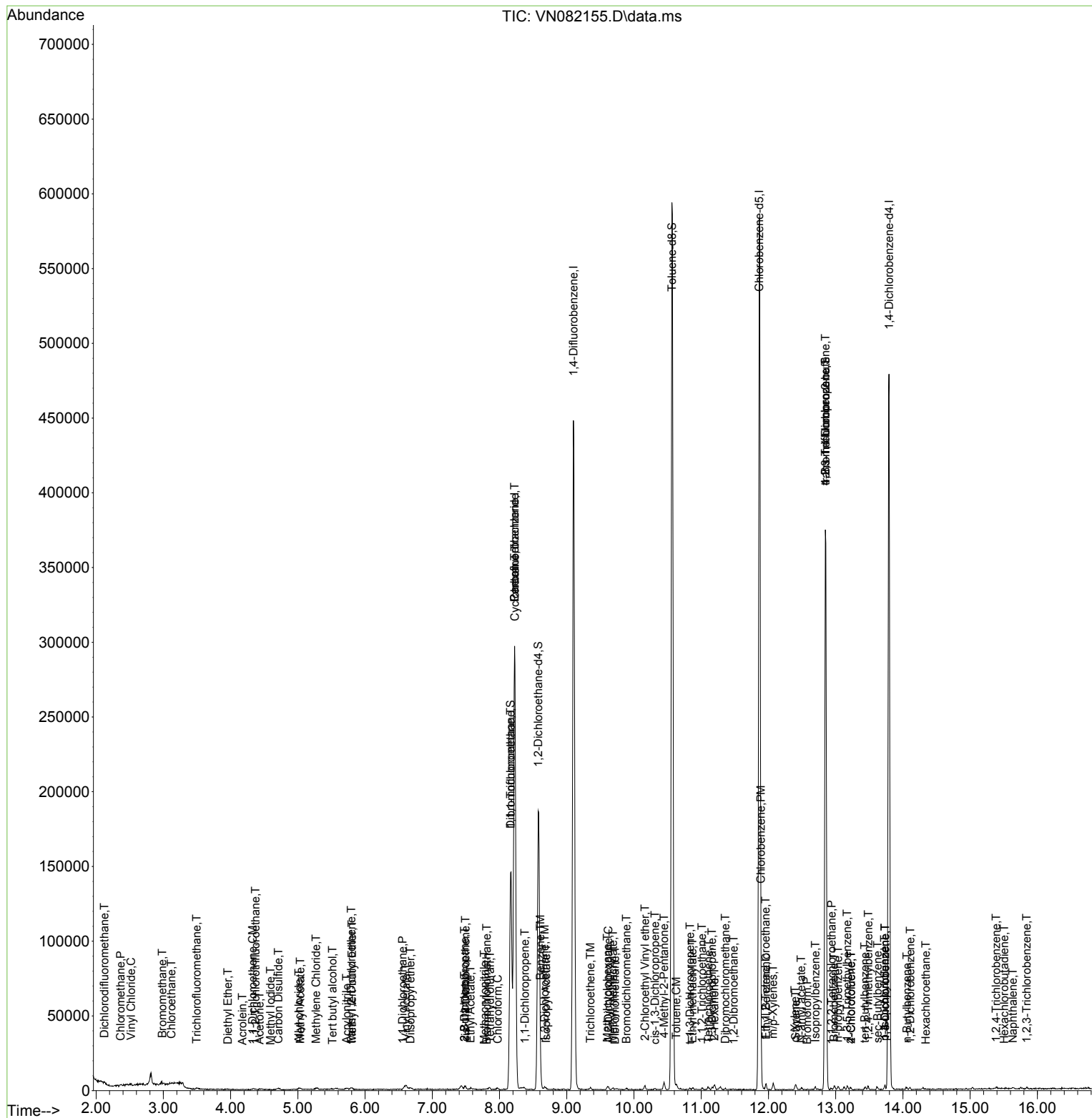
ClientSampleId :

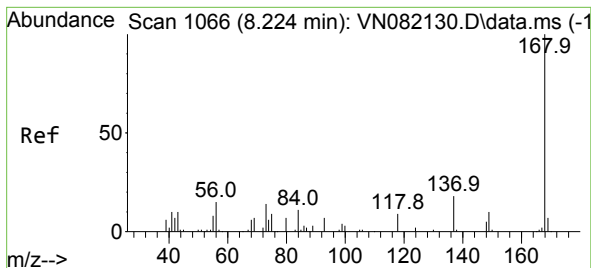
MDL-WATER-03-QT2-2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082155.D
 Acq On : 16 May 2024 12:31
 Operator : JC\MD
 Sample : P2403-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 17 04:09:29 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN082155.D

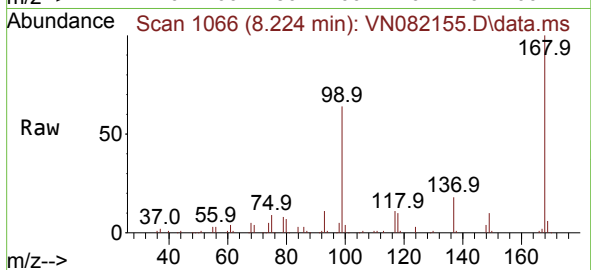
Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

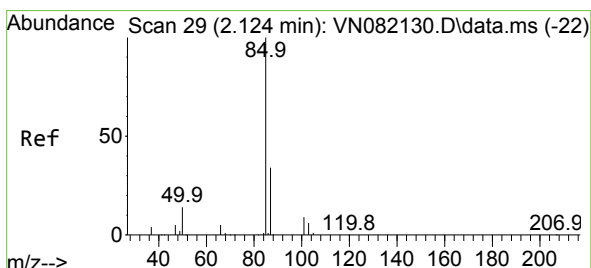
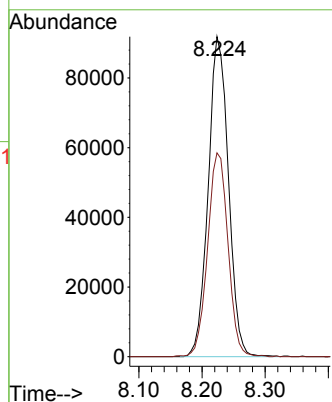
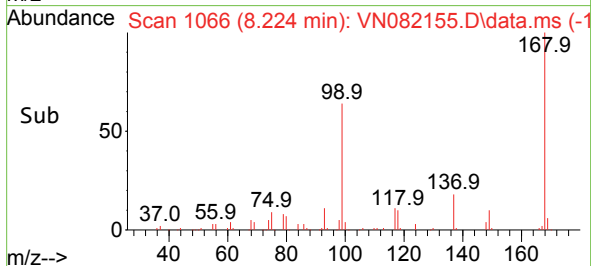


Tgt Ion:168 Resp: 204161

Ion Ratio Lower Upper

168 100

99 63.7 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 0.173 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082155.D

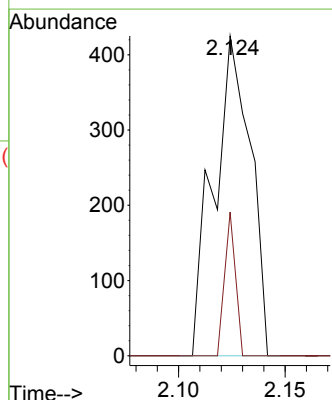
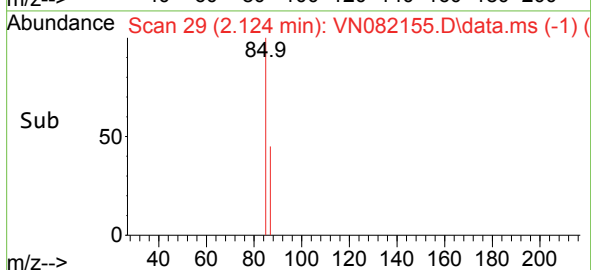
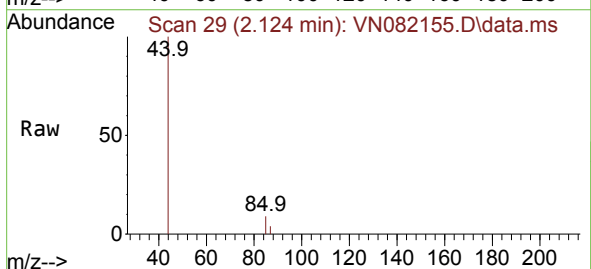
Acq: 16 May 2024 12:31

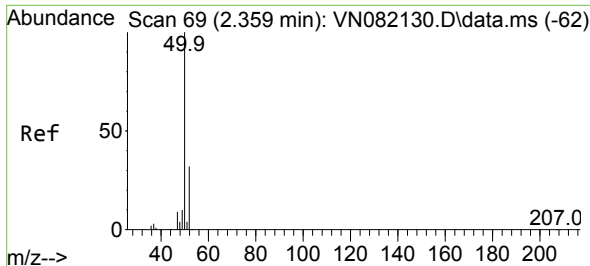
Tgt Ion: 85 Resp: 510

Ion Ratio Lower Upper

85 100

87 44.9 15.8 47.4

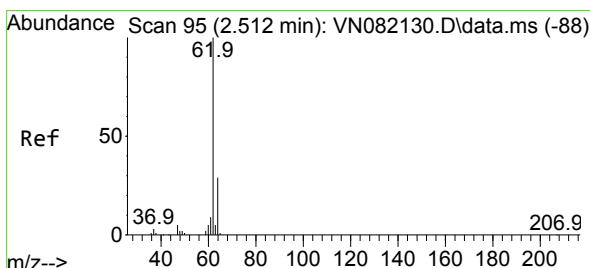
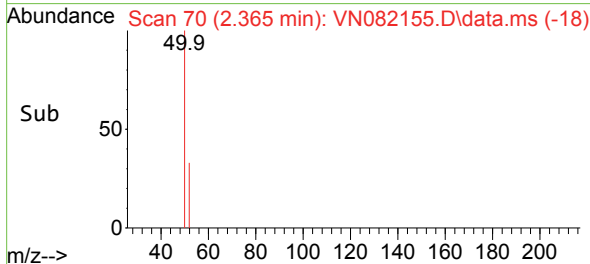
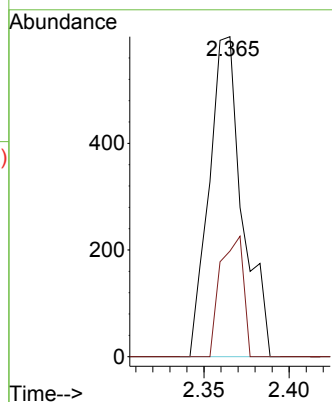
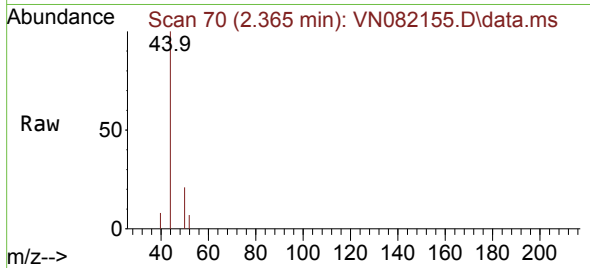




#3
Chloromethane
Concen: 0.244 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

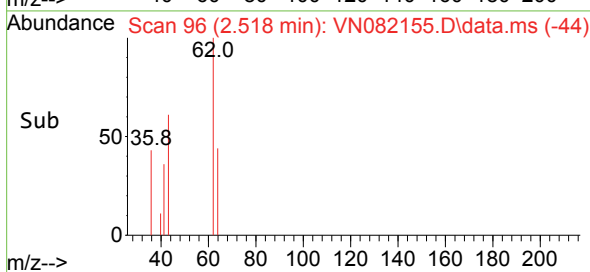
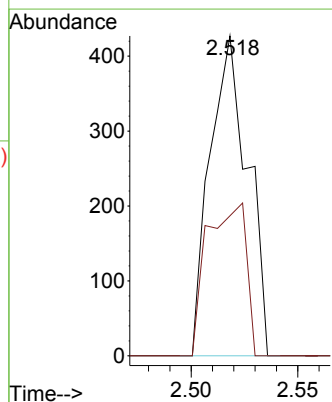
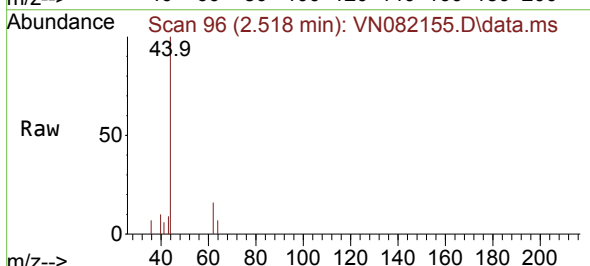
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

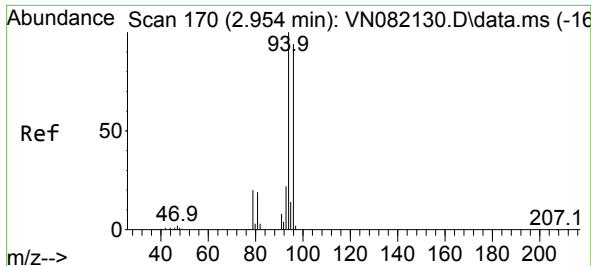
Tgt Ion: 50 Resp: 814
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3



#4
Vinyl Chloride
Concen: 0.167 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 62 Resp: 525
Ion Ratio Lower Upper
62 100
64 43.8 24.6 37.0#

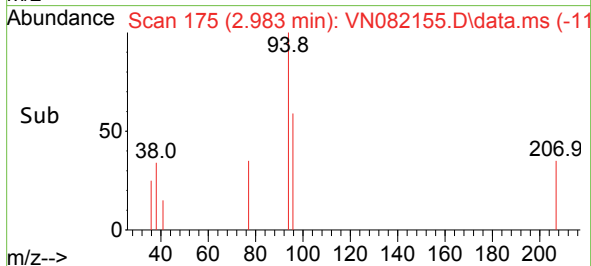
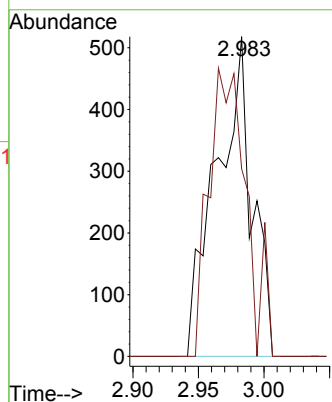
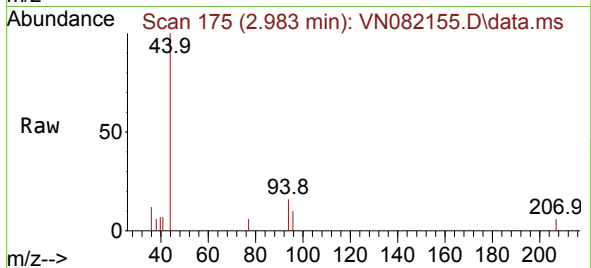




#5
Bromomethane
Concen: 0.545 ug/l
RT: 2.983 min Scan# 170
Delta R.T. 0.029 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

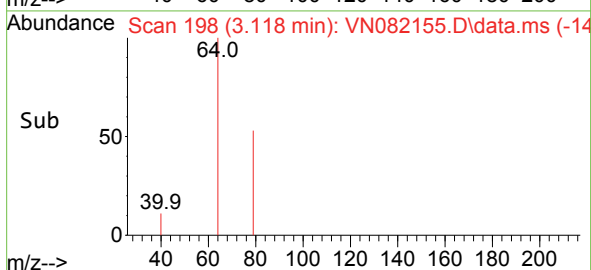
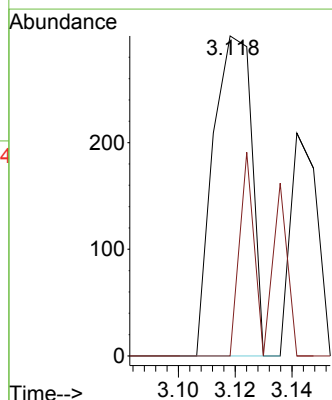
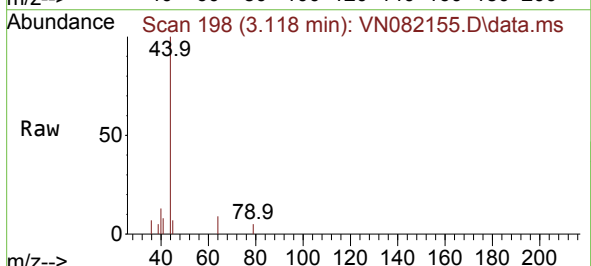
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

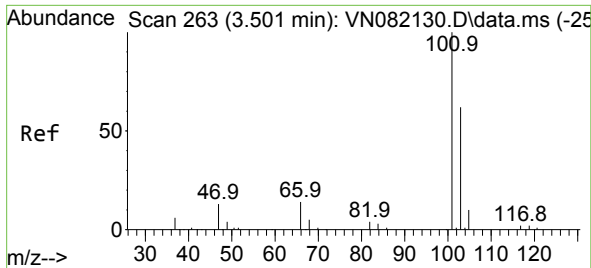
Tgt Ion: 94 Resp: 983
Ion Ratio Lower Upper
94 100
96 58.7 74.8 112.2#



#6
Chloroethane
Concen: 0.138 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 64 Resp: 282
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

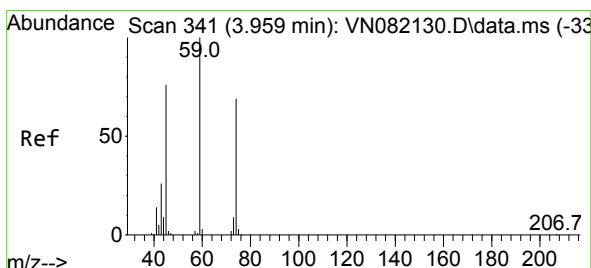
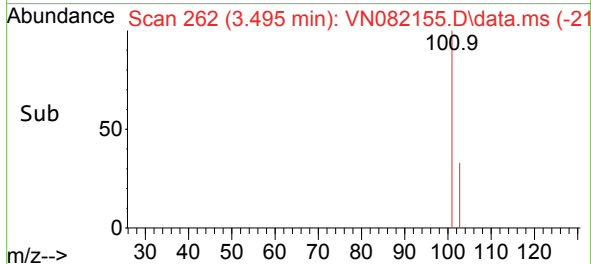
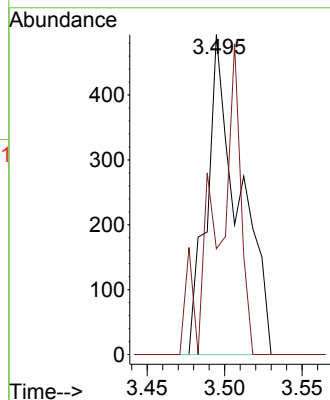
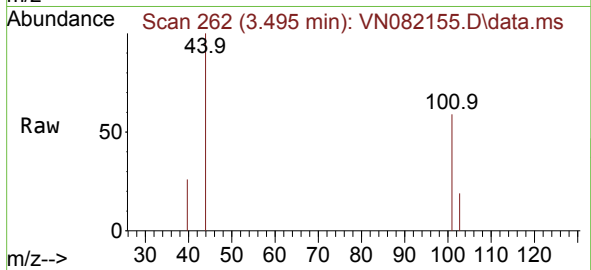




#7
Trichlorofluoromethane
Concen: 0.173 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

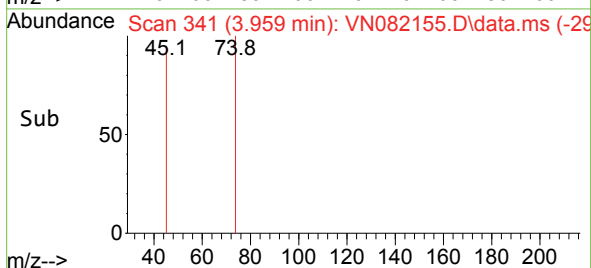
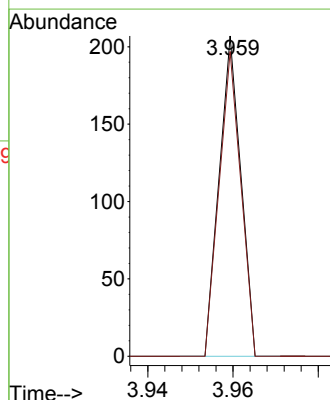
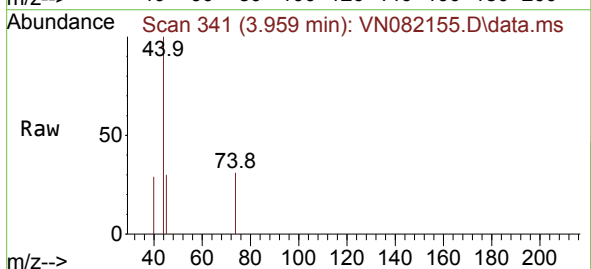
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

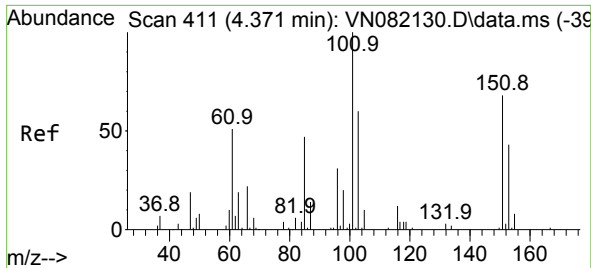
Tgt Ion:101 Resp: 710
Ion Ratio Lower Upper
101 100
103 33.1 50.6 75.8#



#8
Diethyl Ether
Concen: 0.050 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 74 Resp: 73
Ion Ratio Lower Upper
74 100
45 95.9 42.4 127.3

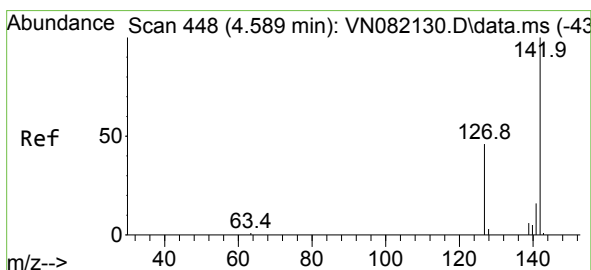
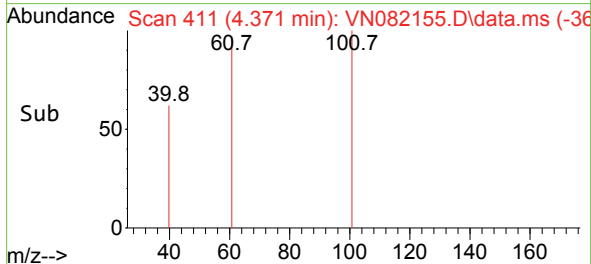
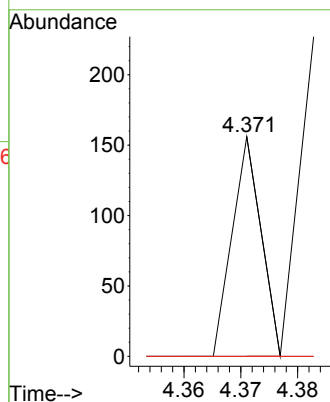
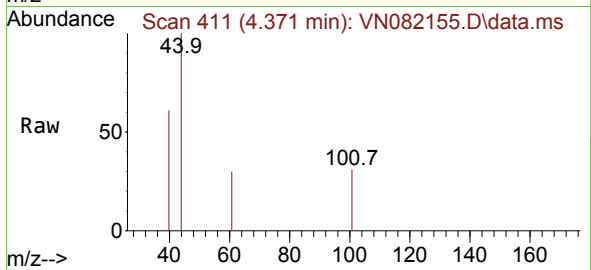




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.023 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

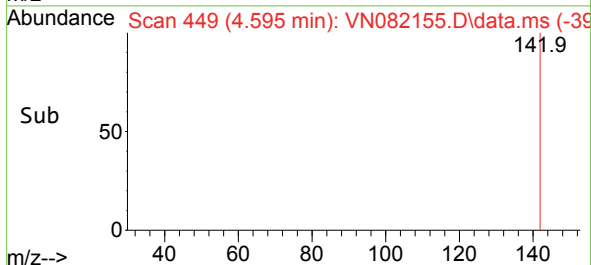
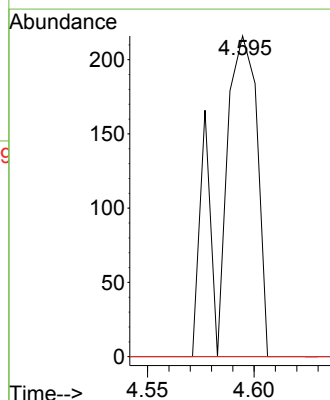
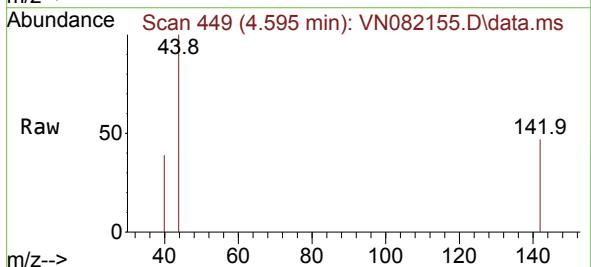
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

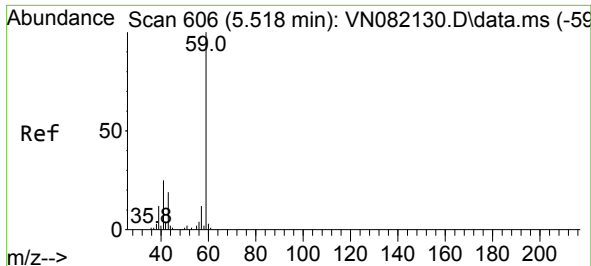
Tgt Ion:101 Resp: 55
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 59.2 88.8#



#10
Methyl Iodide
Concen: 0.109 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion:142 Resp: 263
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#

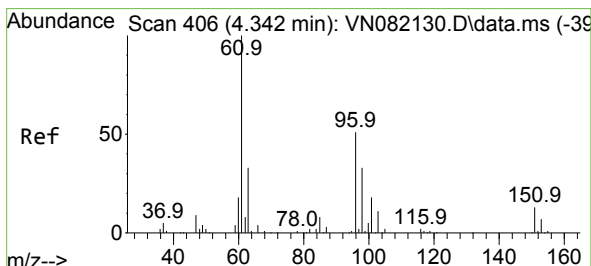
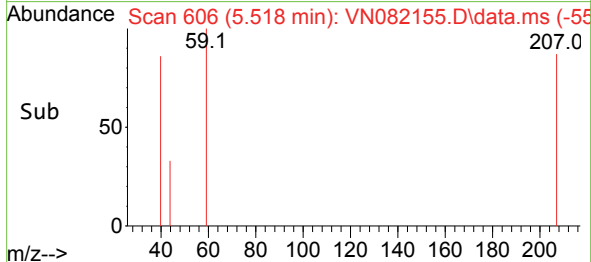
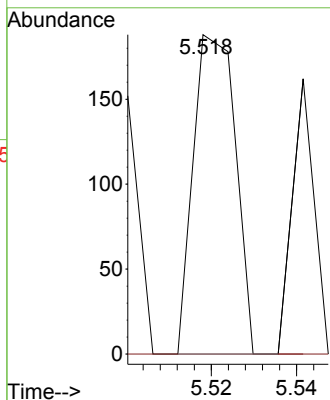
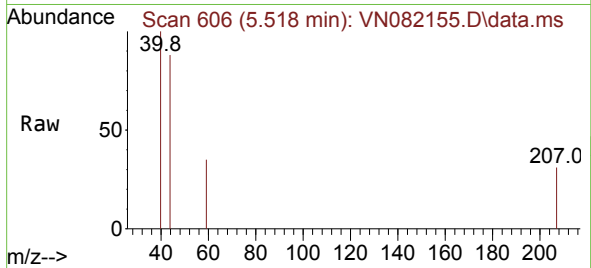




#11
Tert butyl alcohol
Concen: 0.249 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

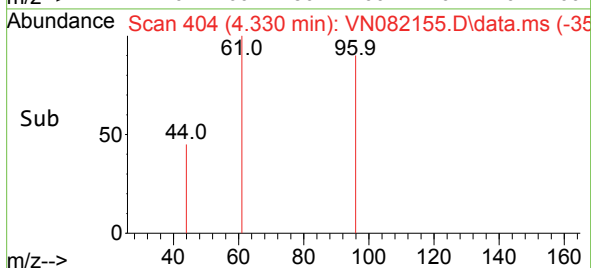
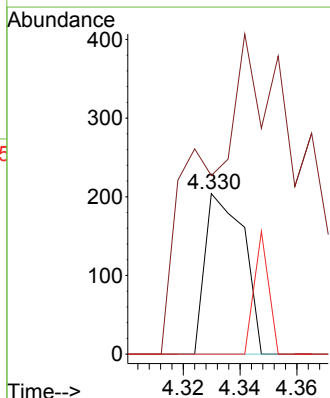
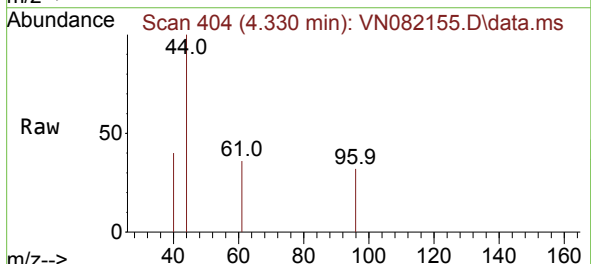
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

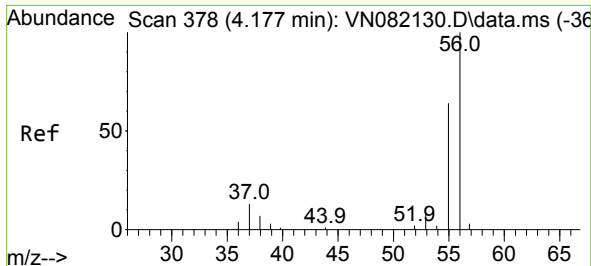
Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 0.086 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 96 Resp: 192
Ion Ratio Lower Upper
96 100
61 2.9 119.7 179.5#
98 0.0 49.6 74.4#





#13

Acrolein

Concen: 0.529 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

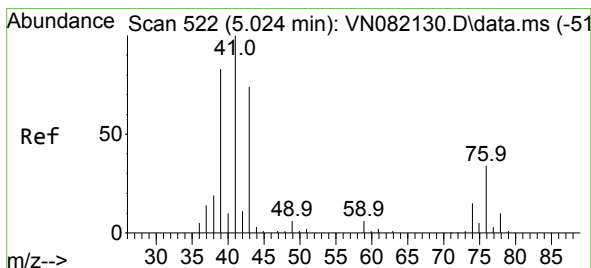
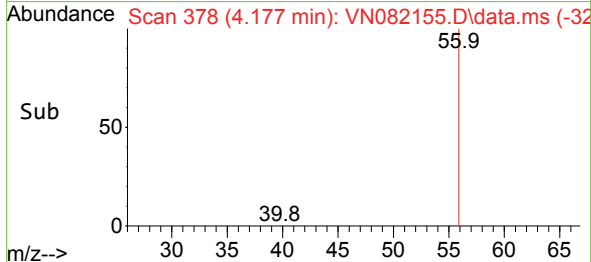
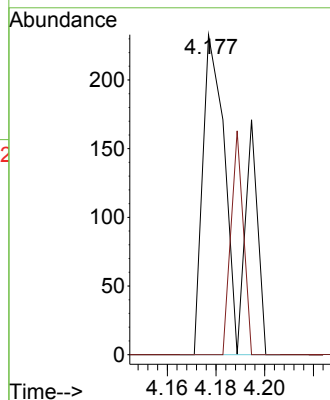
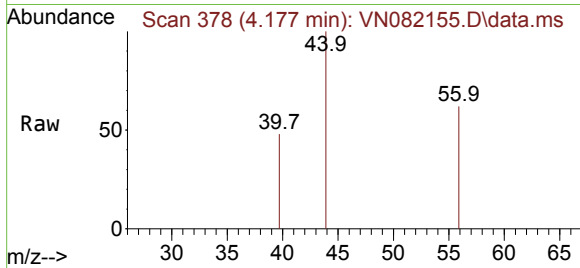
MDL-WATER-03-QT2-2024

Tgt Ion: 56 Resp: 203

Ion Ratio Lower Upper

56 100

55 28.6 55.8 83.8#



#14

Allyl chloride

Concen: 0.208 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

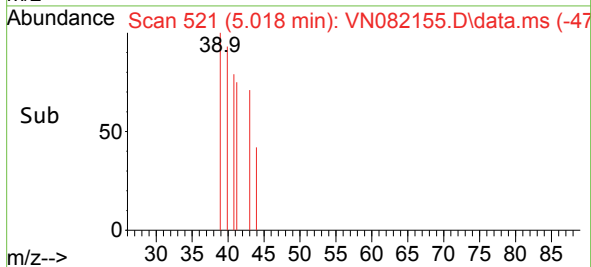
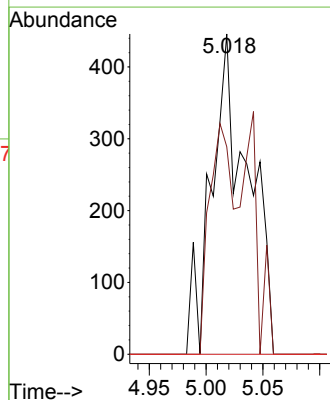
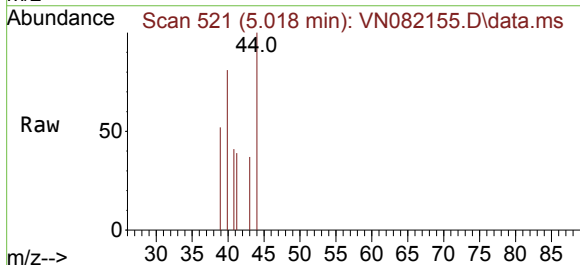
Tgt Ion: 41 Resp: 994

Ion Ratio Lower Upper

41 100

39 44.7 65.4 98.0#

76 0.0 37.3 55.9#

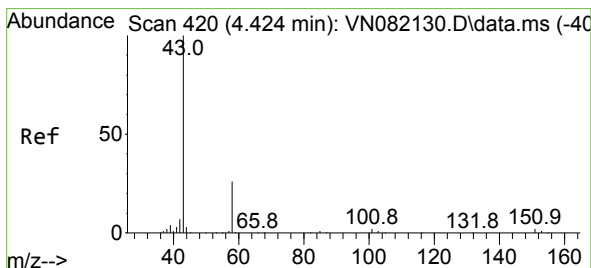
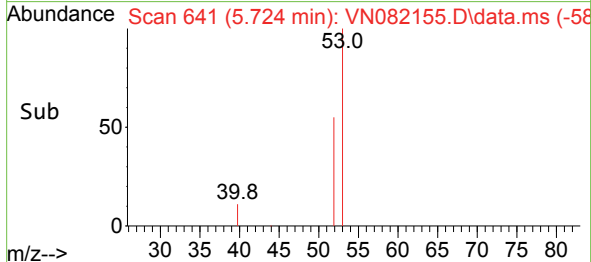
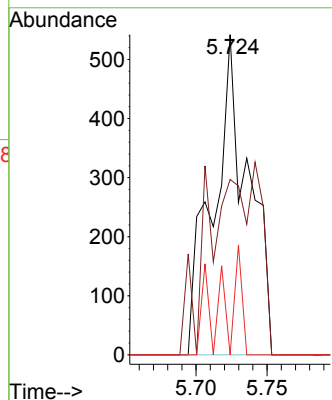
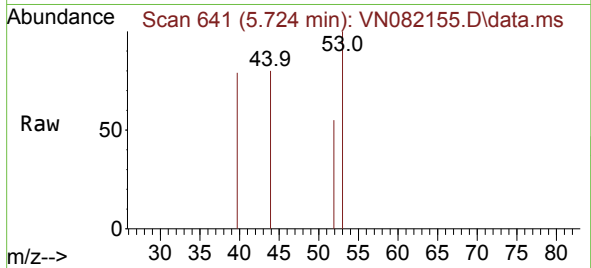




#15
Acrylonitrile
Concen: 0.696 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

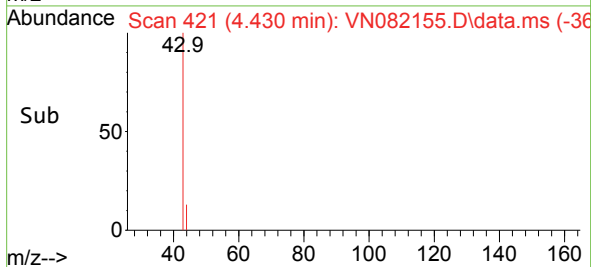
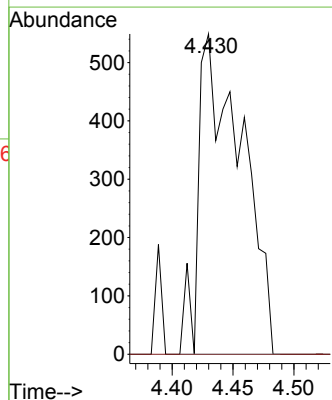
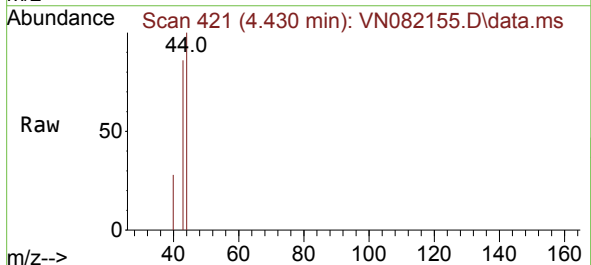
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

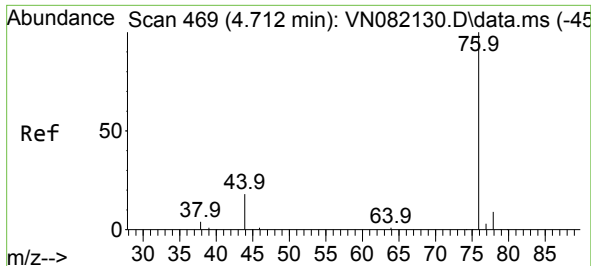
Tgt Ion: 53 Resp: 933
Ion Ratio Lower Upper
53 100
52 0.0 66.1 99.1#
51 5.7 29.4 44.2#



#16
Acetone
Concen: 1.022 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

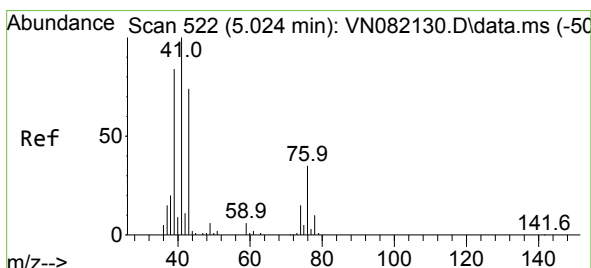
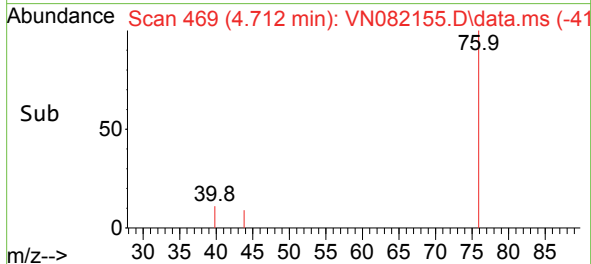
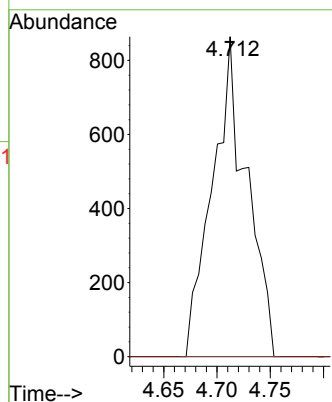
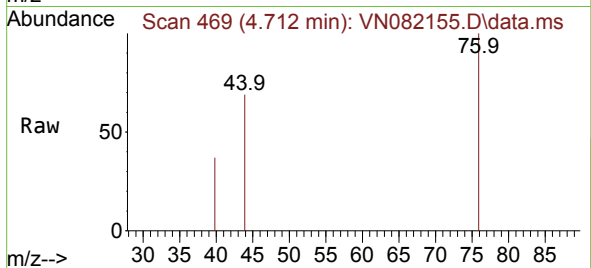




#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

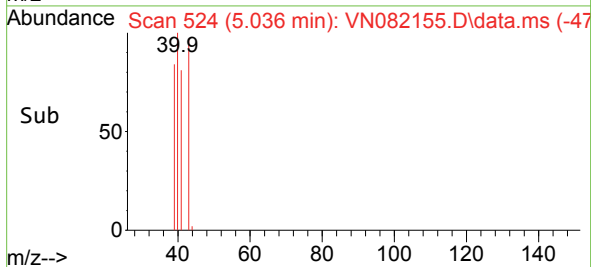
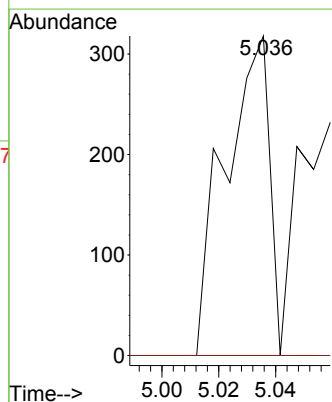
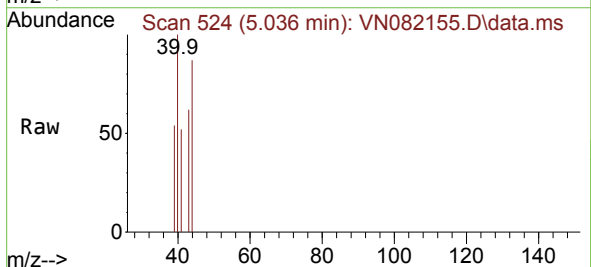
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

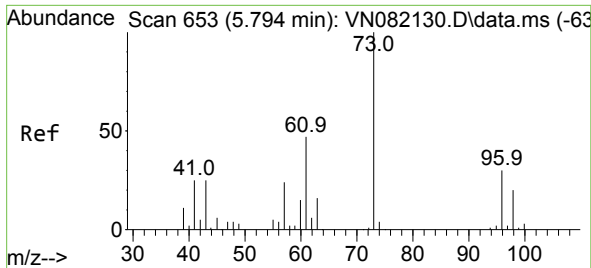
Tgt Ion: 76 Resp: 1942
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 0.104 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#

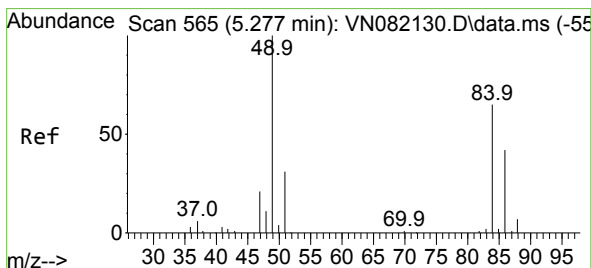
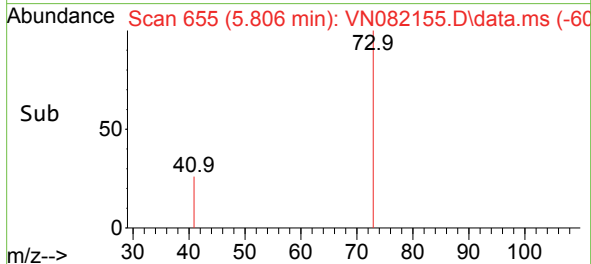
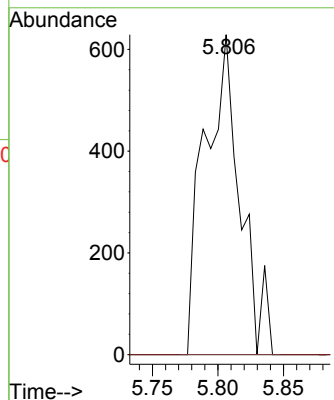
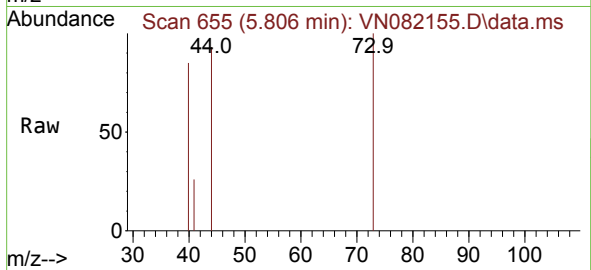




#19
Methyl tert-butyl Ether
Concen: 0.146 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

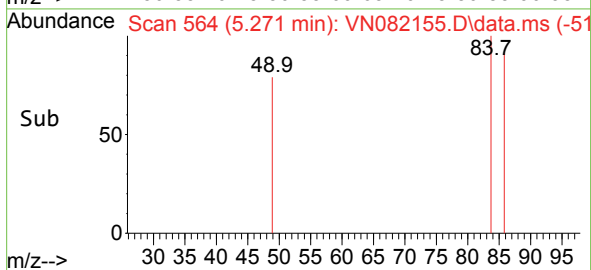
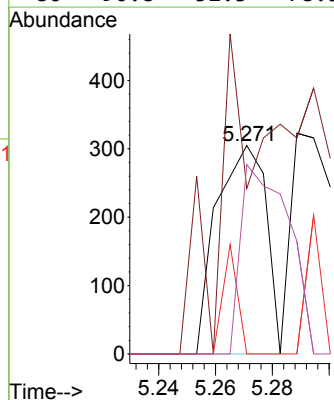
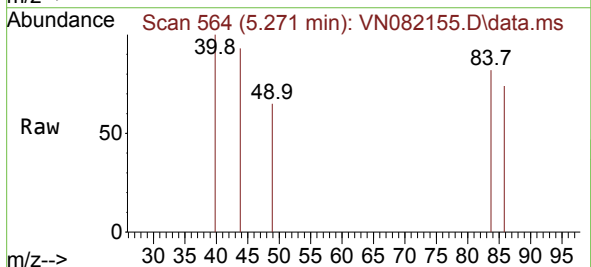
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

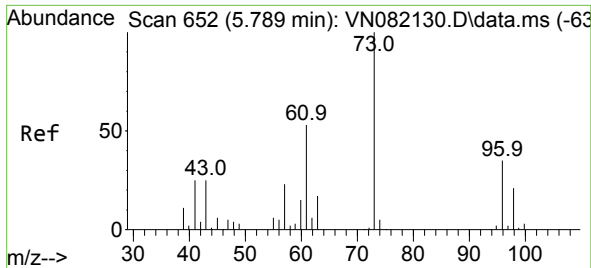
Tgt Ion: 73 Resp: 1188
Ion Ratio Lower Upper
73 100
57 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.138 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

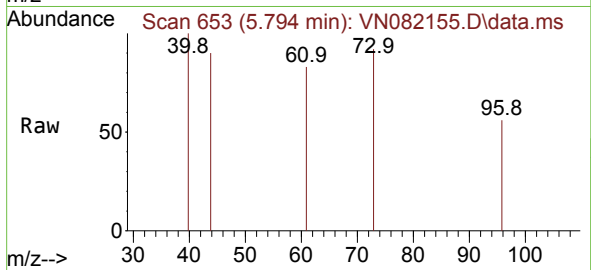
Tgt Ion: 84 Resp: 368
Ion Ratio Lower Upper
84 100
49 79.3 84.9 127.3#
51 0.0 27.0 40.6#
86 90.8 52.3 78.5#



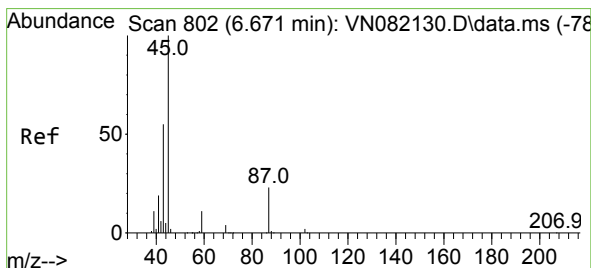
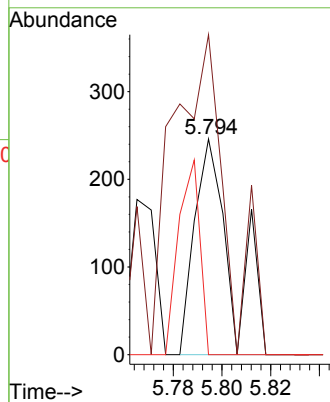
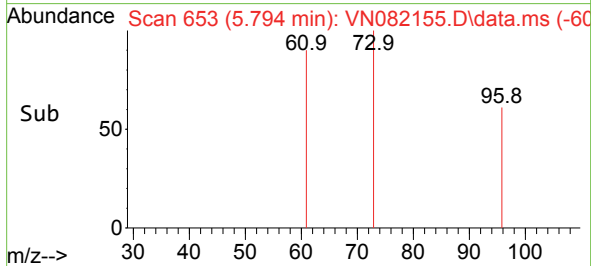


#21
trans-1,2-Dichloroethene
Concen: 0.105 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

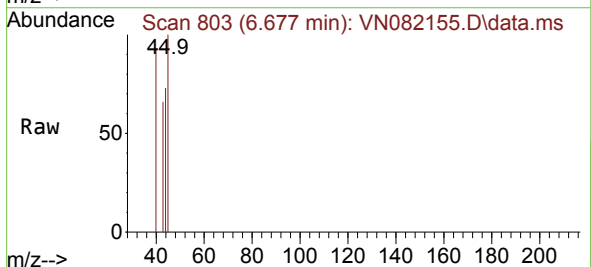
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



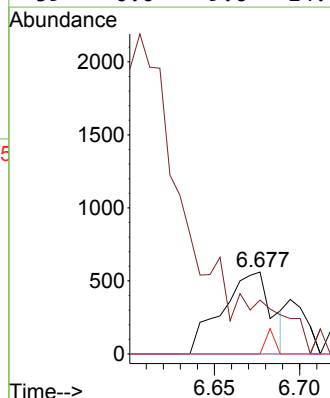
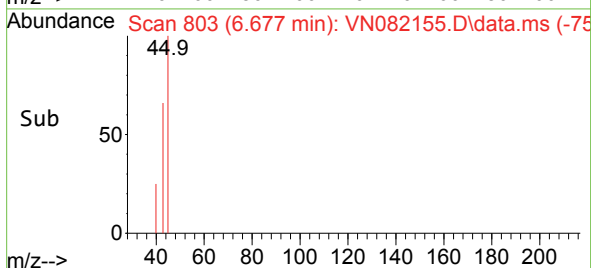
Tgt Ion: 96 Resp: 256
Ion Ratio Lower Upper
96 100
61 148.4 96.5 144.7#
98 0.0 51.3 76.9#



#22
Diisopropyl ether
Concen: 0.114 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31



Tgt Ion: 45 Resp: 1135
Ion Ratio Lower Upper
45 100
43 18.0 44.1 66.1#
87 0.0 27.0 40.6#
59 0.0 9.6 14.4#

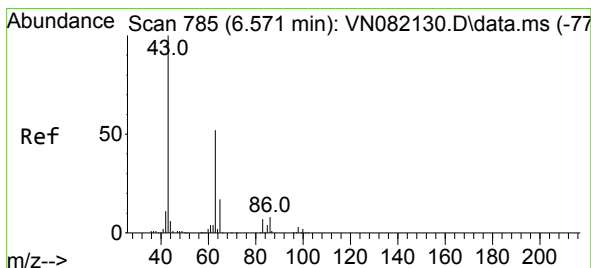
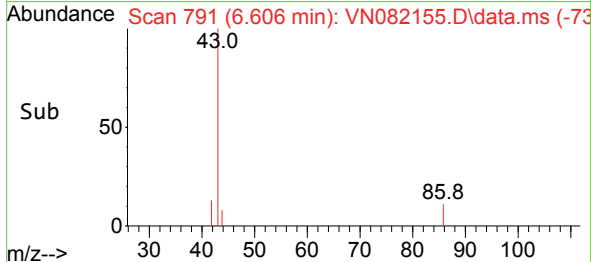
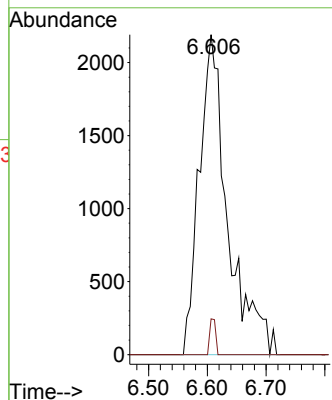
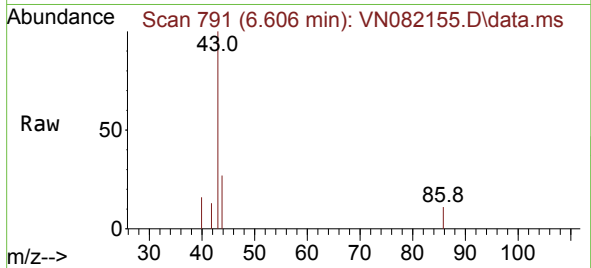




#23
 Vinyl Acetate
 Concen: 0.940 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082155.D
 Acq: 16 May 2024 12:31

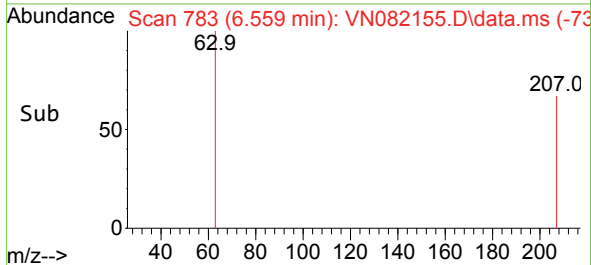
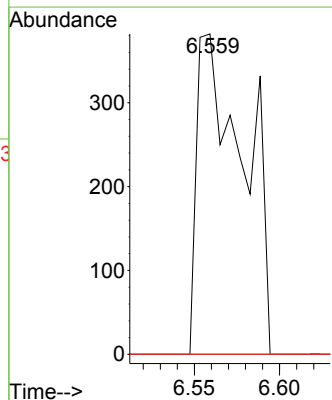
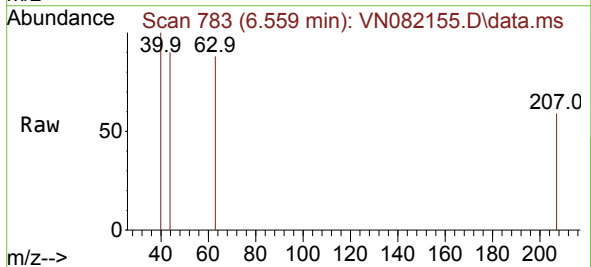
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

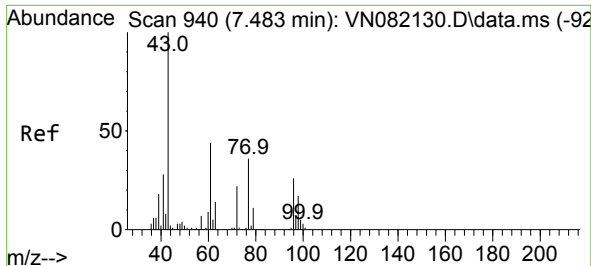
Tgt Ion: 43 Resp: 7390
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.2 15.4



#24
 1,1-Dichloroethane
 Concen: 0.141 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN082155.D
 Acq: 16 May 2024 12:31

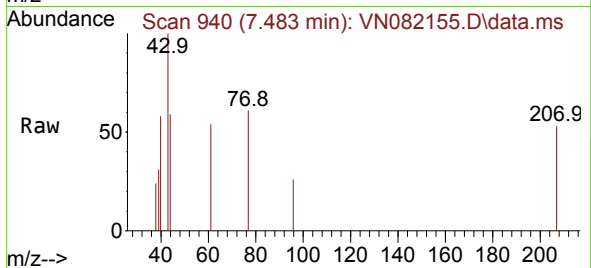
Tgt Ion: 63 Resp: 725
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.6 7.8#



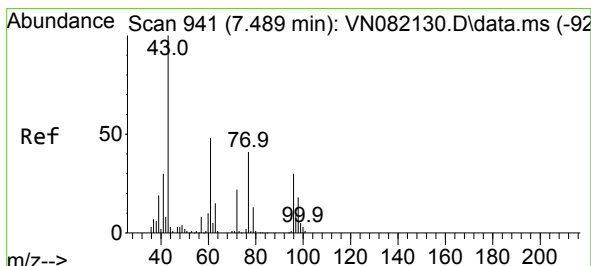
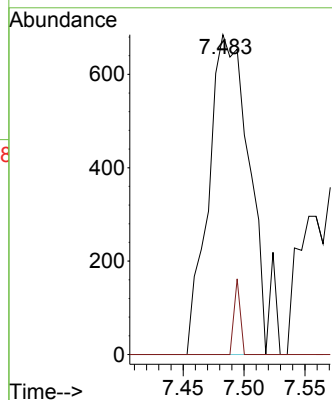
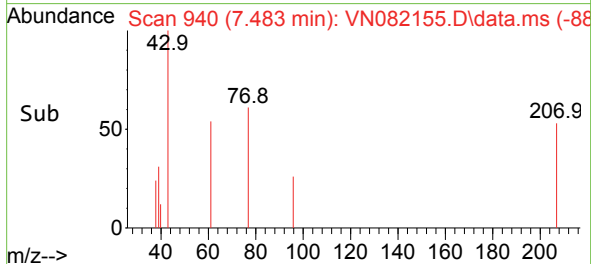


#25
2-Butanone
Concen: 0.816 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

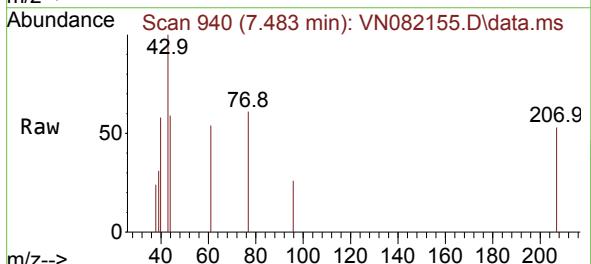
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



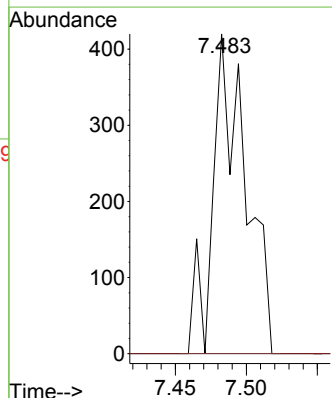
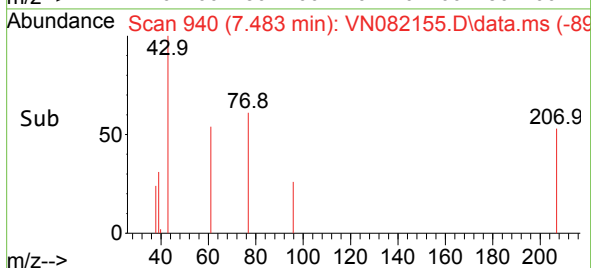
Tgt Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 0.158 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31



Tgt Ion: 77 Resp: 680
Ion Ratio Lower Upper
77 100
97 0.0 11.3 33.9#





#27

cis-1,2-Dichloroethene

Concen: 0.122 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN082155.D

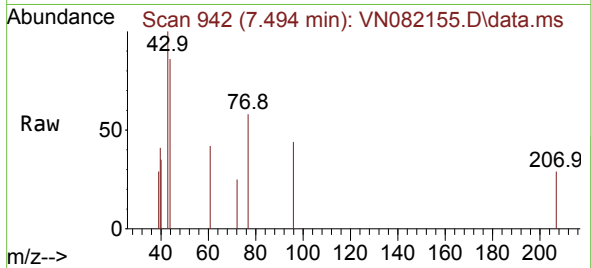
Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



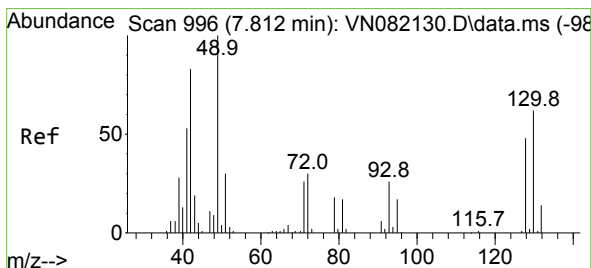
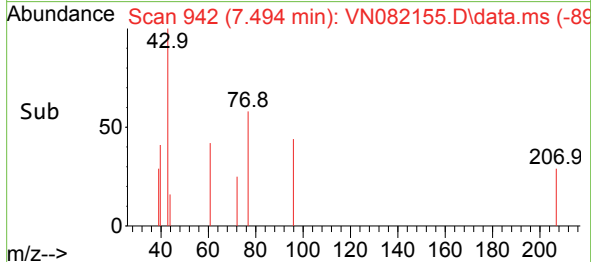
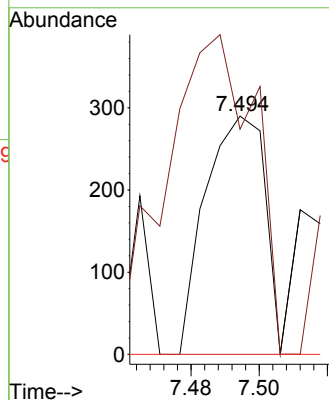
Tgt Ion: 96 Resp: 351

Ion Ratio Lower Upper

96 100

61 200.3 0.0 268.0

98 0.0 0.0 126.8



#28

Bromochloromethane

Concen: 0.217 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

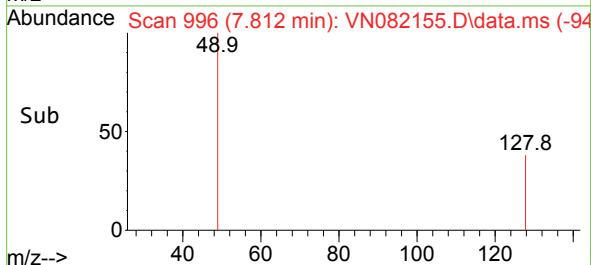
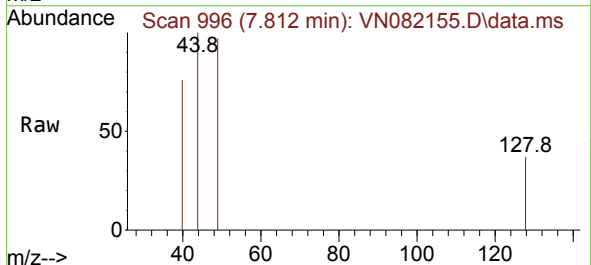
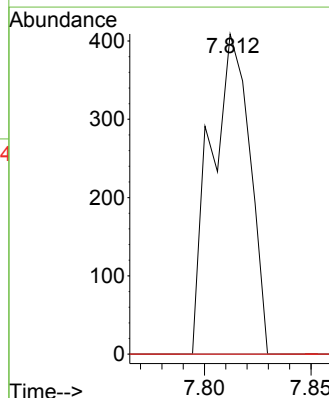
Tgt Ion: 49 Resp: 520

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 66.7 100.1#





#29

Tetrahydrofuran

Concen: 0.682 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.023 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

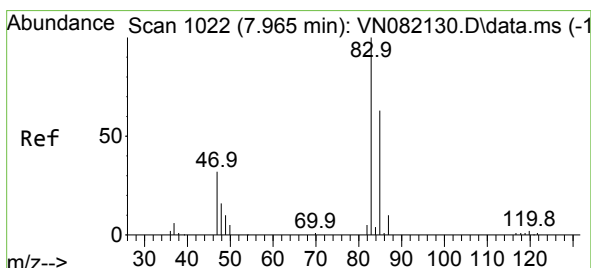
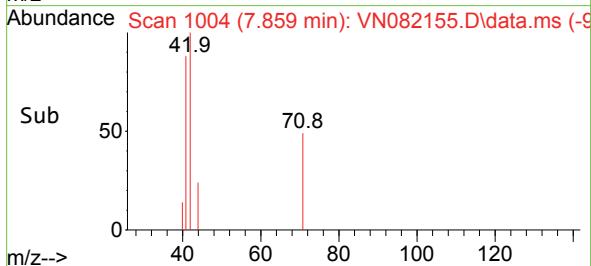
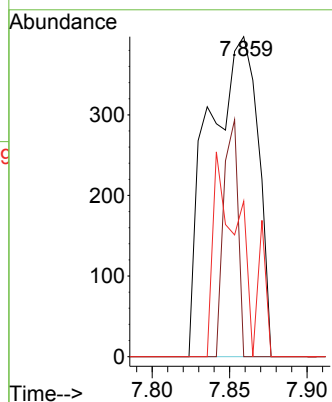
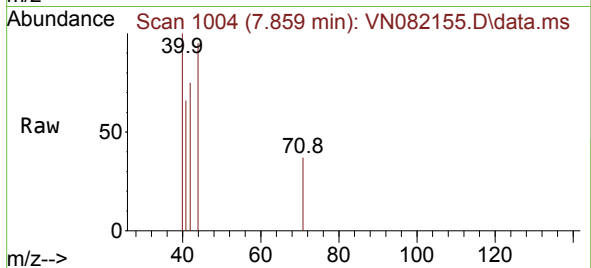
Tgt Ion: 42 Resp: 878

Ion Ratio Lower Upper

42 100

72 21.6 39.3 58.9#

71 37.5 37.4 56.0



#30

Chloroform

Concen: 0.145 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082155.D

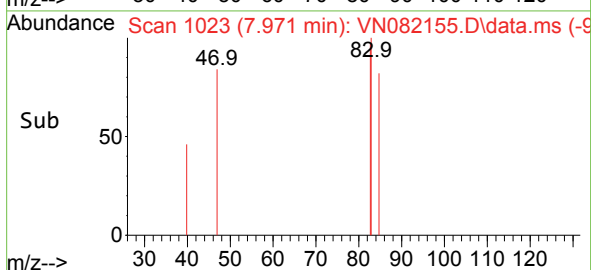
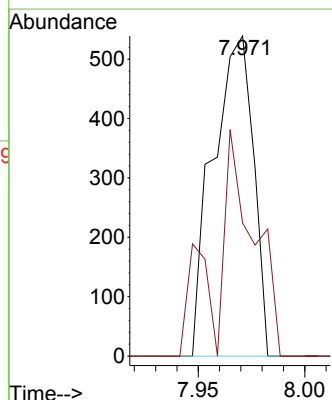
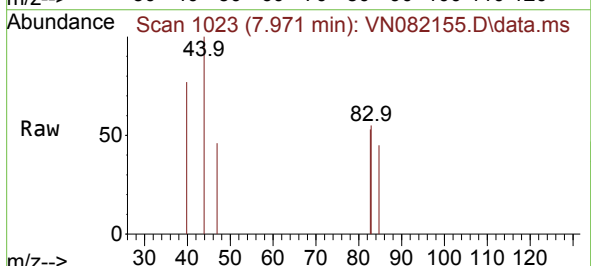
Acq: 16 May 2024 12:31

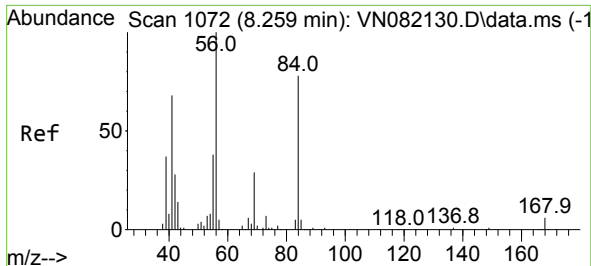
Tgt Ion: 83 Resp: 712

Ion Ratio Lower Upper

83 100

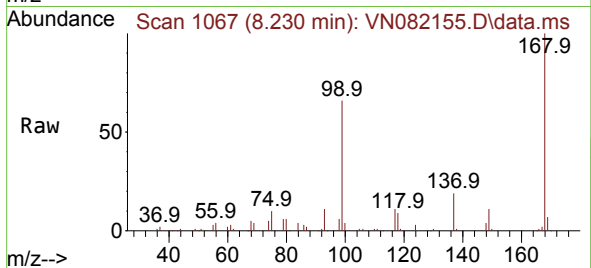
85 41.6 50.7 76.1#



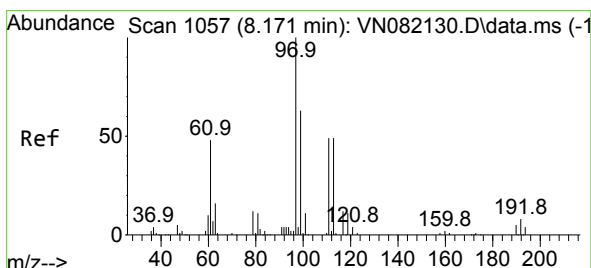
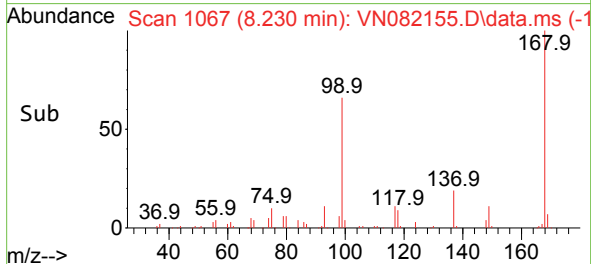
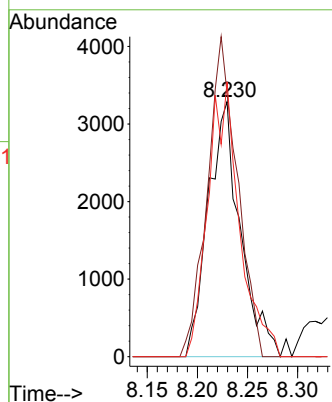


#31
Cyclohexane
Concen: 1.425 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

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

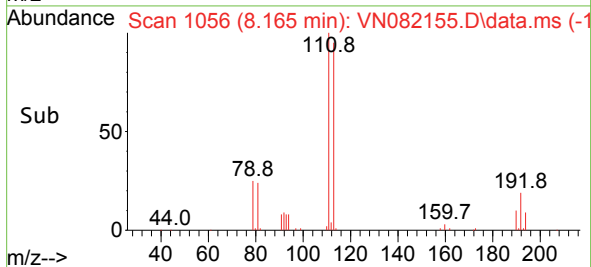
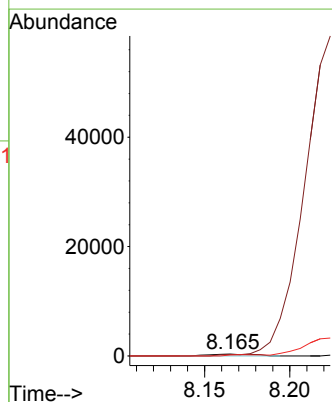
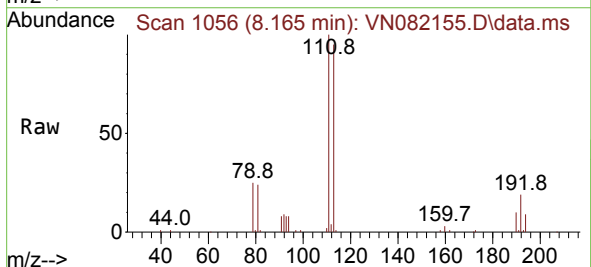


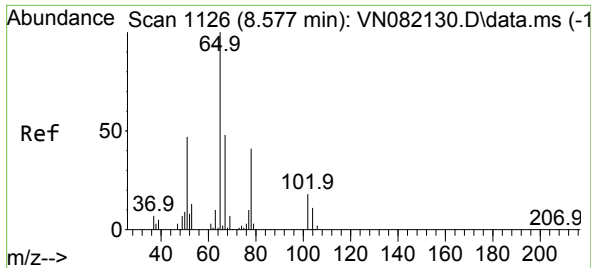
Tgt Ion: 56 Resp: 7335
Ion Ratio Lower Upper
56 100
69 103.2 24.4 36.6#
84 107.8 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 0.143 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 97 Resp: 623
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 48.446 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

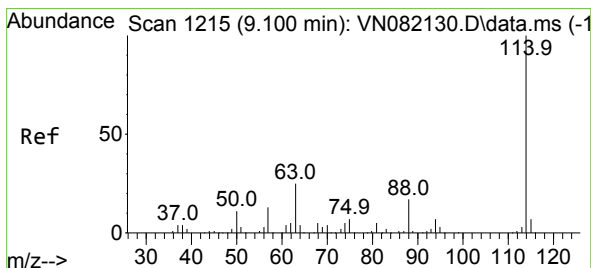
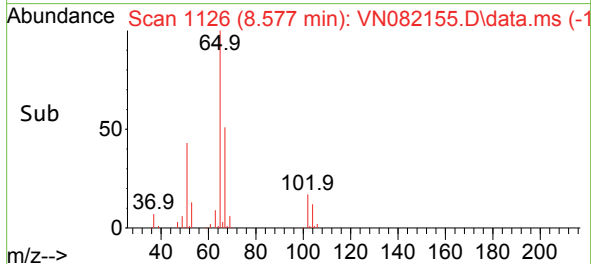
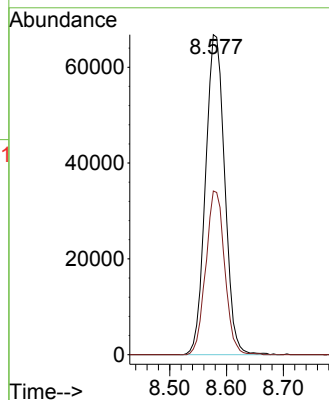
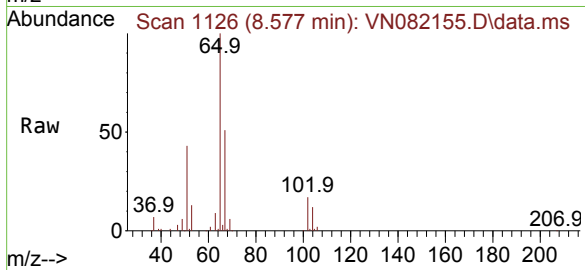
MDL-WATER-03-QT2-2024

Tgt Ion: 65 Resp: 156178

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

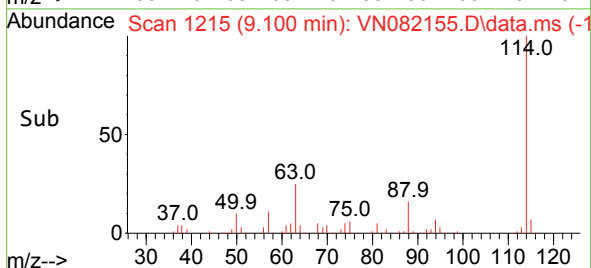
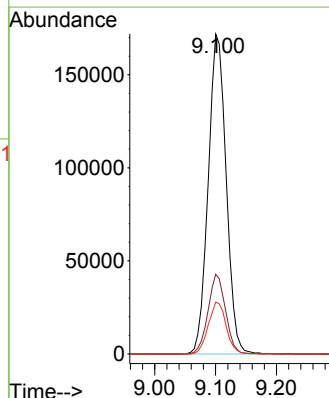
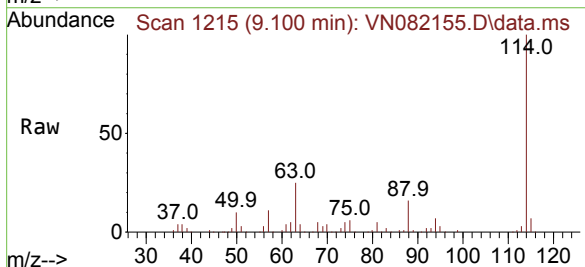
Tgt Ion: 114 Resp: 352748

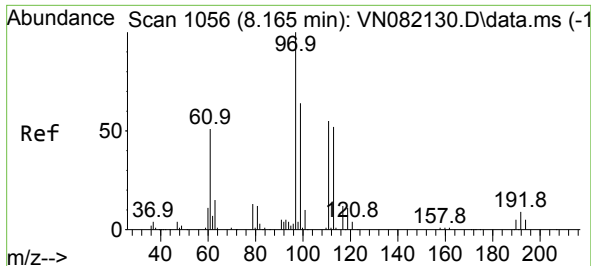
Ion Ratio Lower Upper

114 100

63 24.9 0.0 41.0

88 16.2 0.0 31.4

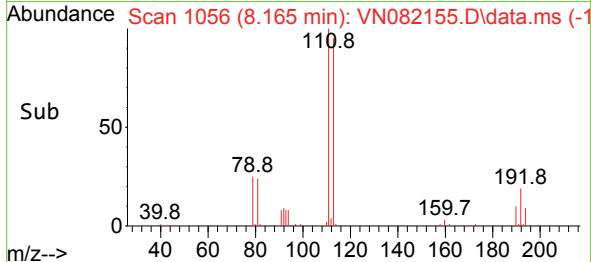
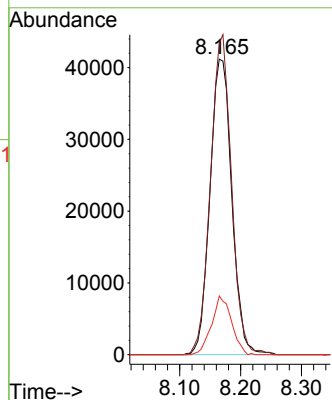
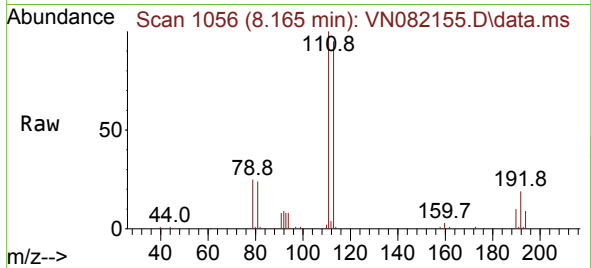




#35
Dibromofluoromethane
Concen: 47.274 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

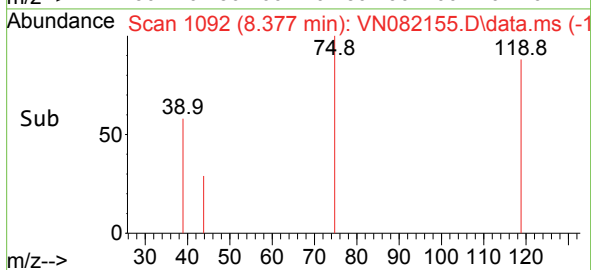
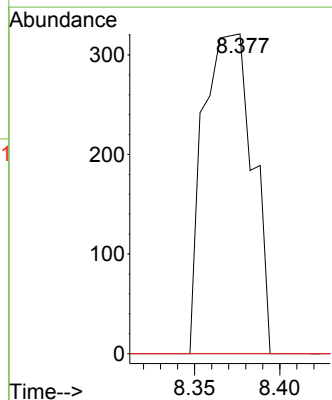
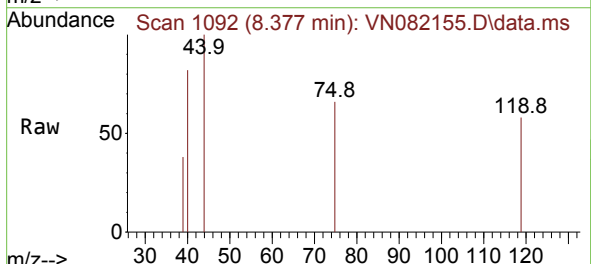
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

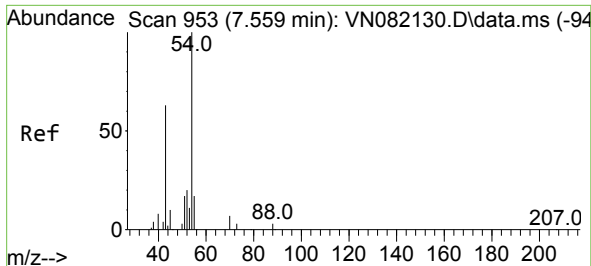
Tgt Ion:113 Resp: 102582
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 18.1 14.0 21.0



#36
1,1-Dichloropropene
Concen: 0.178 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 75 Resp: 646
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.175 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN082155.D

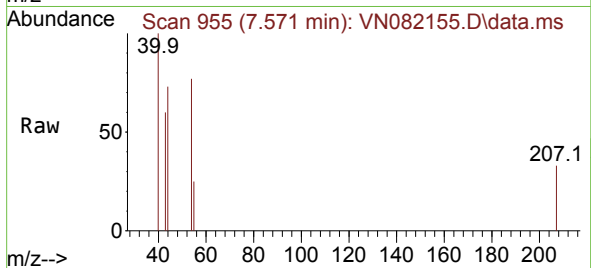
Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



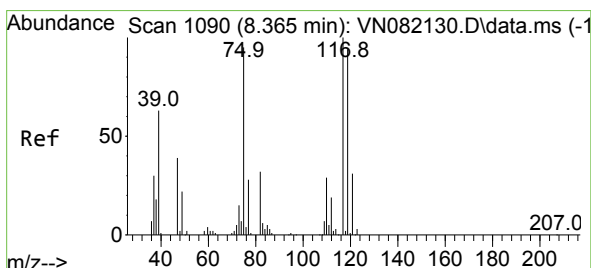
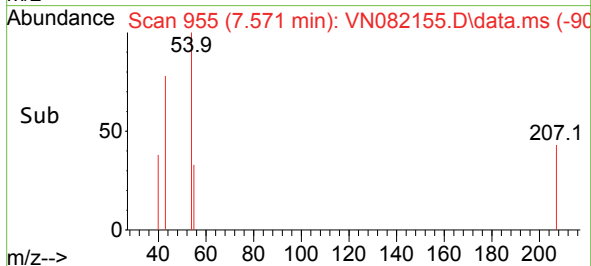
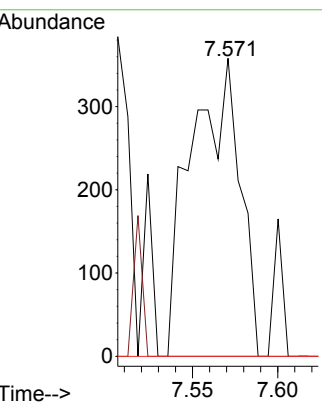
Tgt Ion: 43 Resp: 713

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 6.079 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

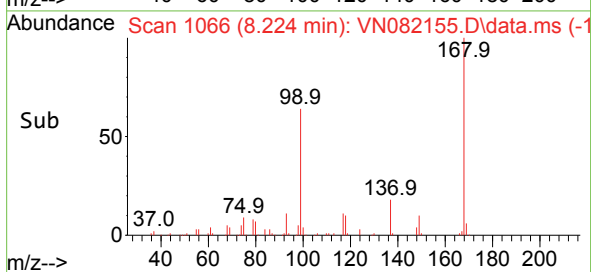
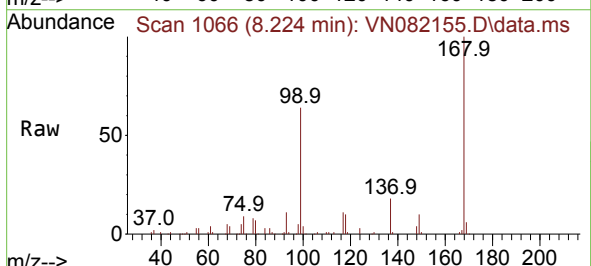
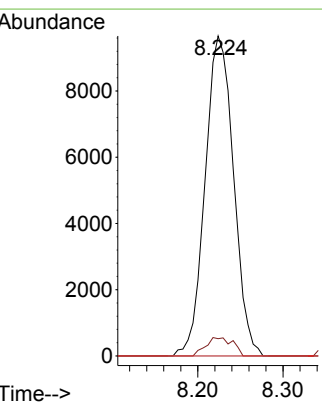
Tgt Ion: 117 Resp: 22425

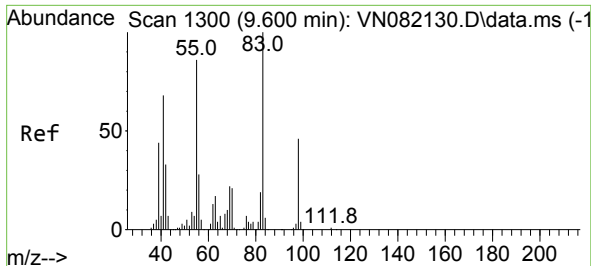
Ion Ratio Lower Upper

117 100

119 5.4 76.5 114.7#

121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.198 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

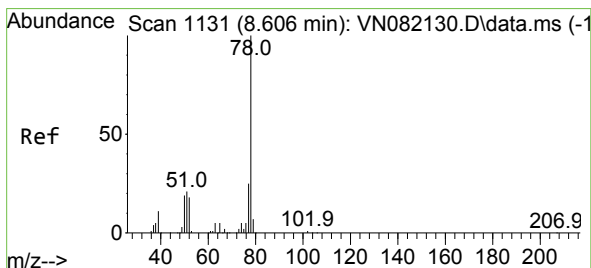
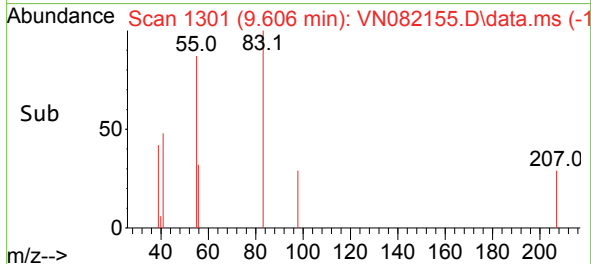
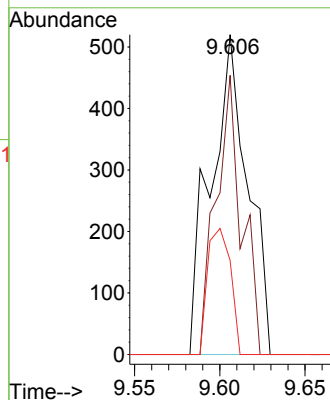
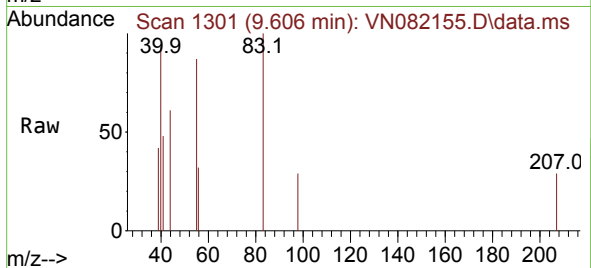
Tgt Ion: 83 Resp: 788

Ion Ratio Lower Upper

83 100

55 87.3 53.0 79.6#

98 29.4 37.1 55.7#



#40

Benzene

Concen: 0.173 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082155.D

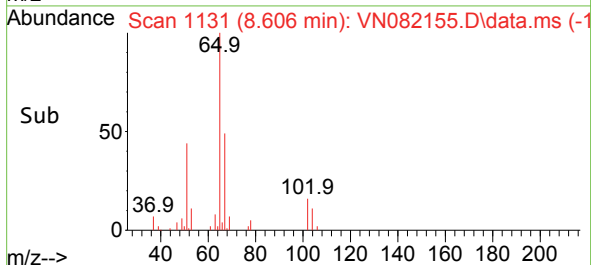
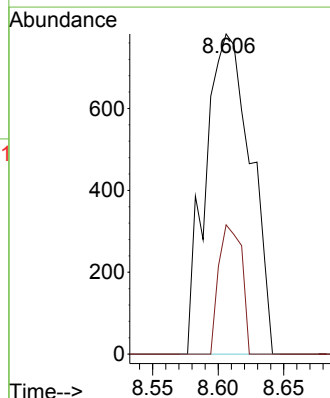
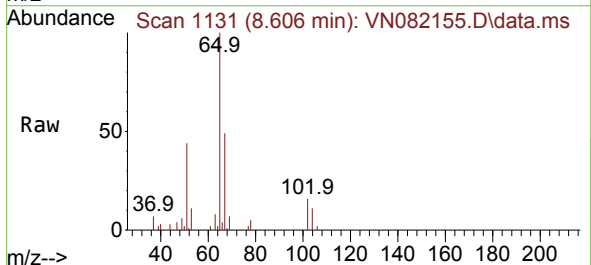
Acq: 16 May 2024 12:31

Tgt Ion: 78 Resp: 1873

Ion Ratio Lower Upper

78 100

77 40.4 20.0 30.0#

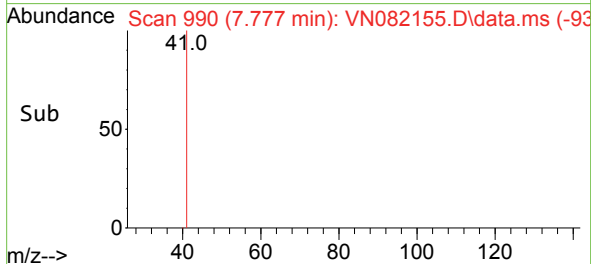
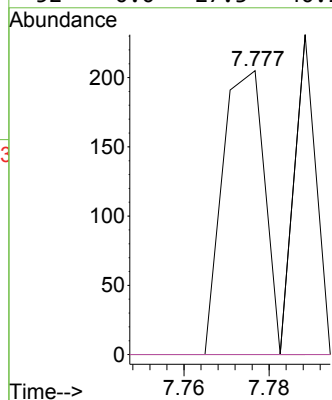
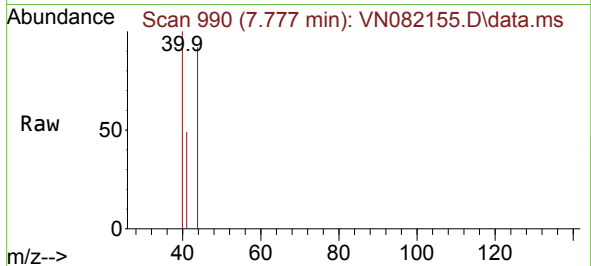




#41
Methacrylonitrile
Concen: 0.058 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

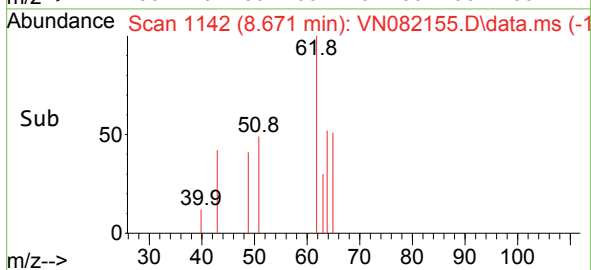
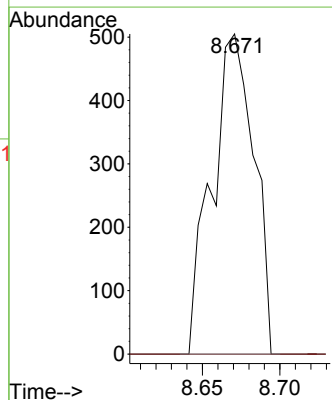
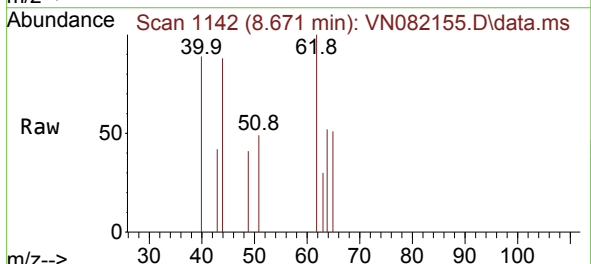
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

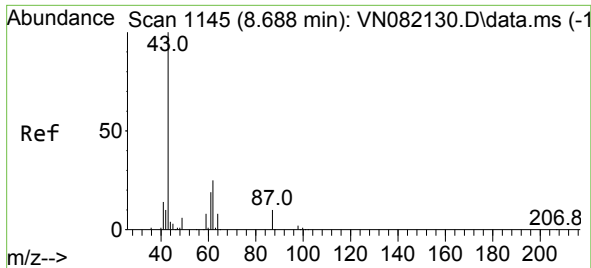
Tgt Ion: 41	Resp: 140
Ion Ratio	Lower Upper
41 100	
39 0.0	46.6 69.8#
67 0.0	67.3 100.9#
52 0.0	27.3 40.9#



#42
1,2-Dichloroethane
Concen: 0.229 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 62	Resp: 956
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 19.6

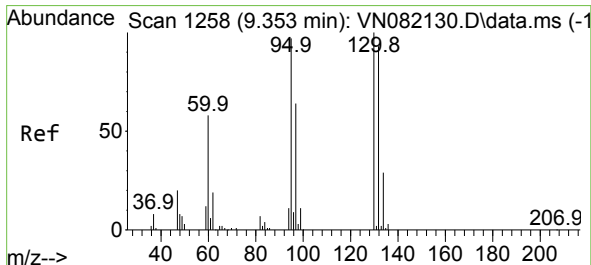
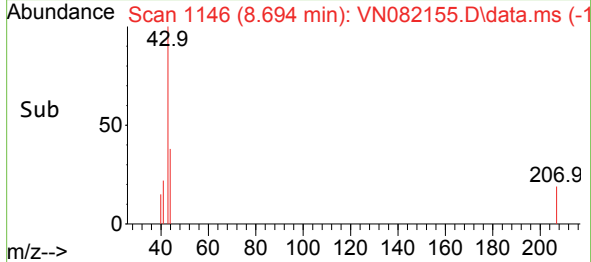
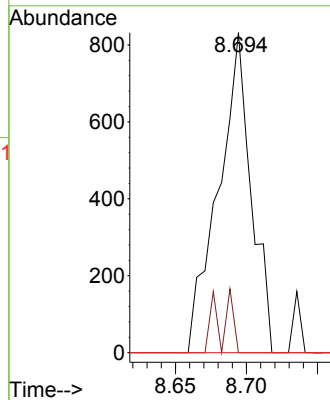
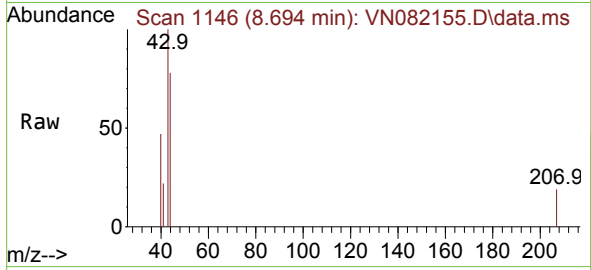




#43
Isopropyl Acetate
Concen: 0.185 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

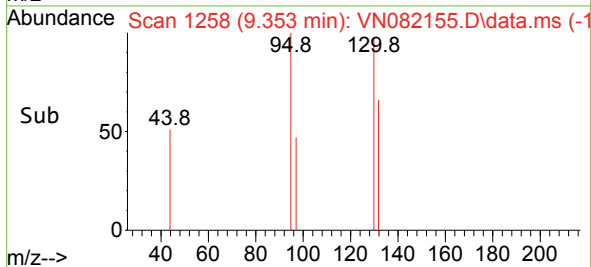
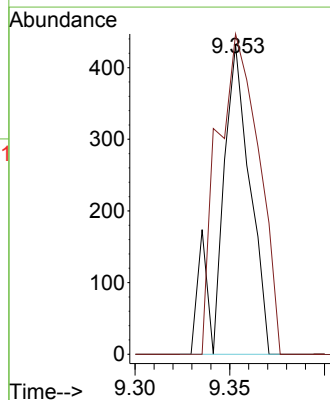
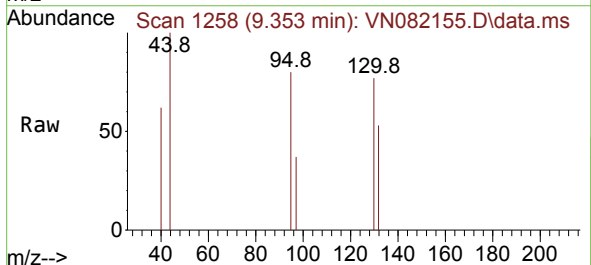
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
61 8.6 22.8 34.2#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.187 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion:130 Resp: 461
Ion Ratio Lower Upper
130 100
95 103.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 0.118 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

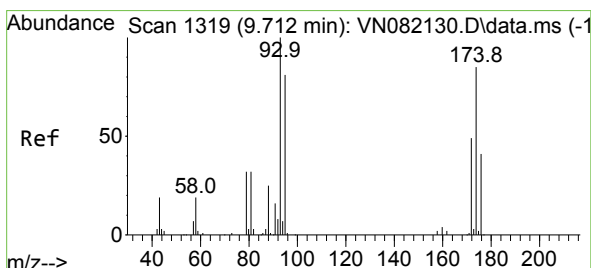
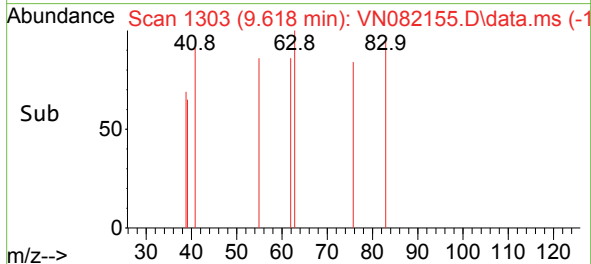
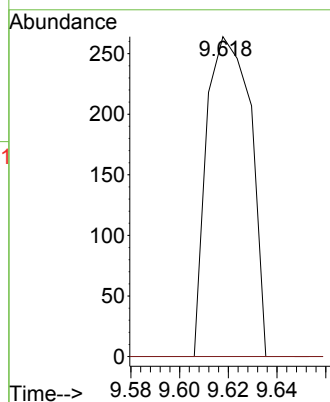
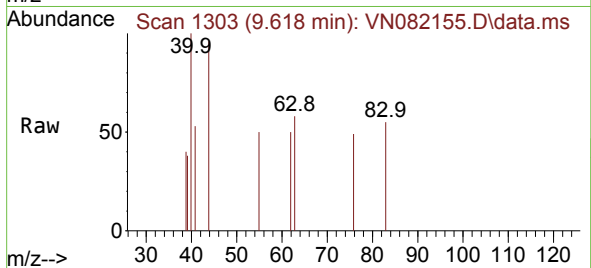
MDL-WATER-03-QT2-2024

Tgt Ion: 63 Resp: 330

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



#46

Dibromomethane

Concen: 0.136 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

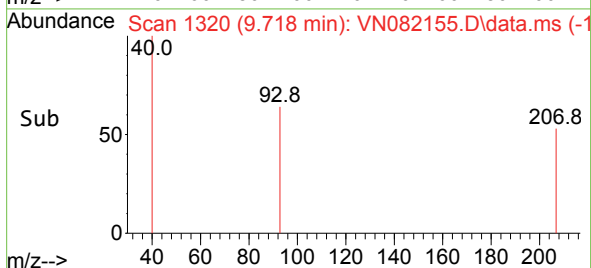
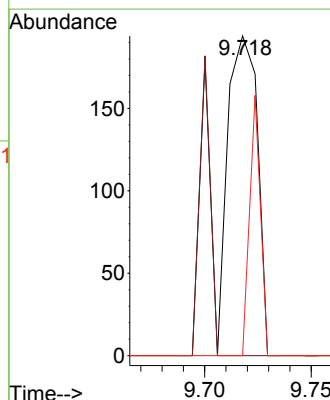
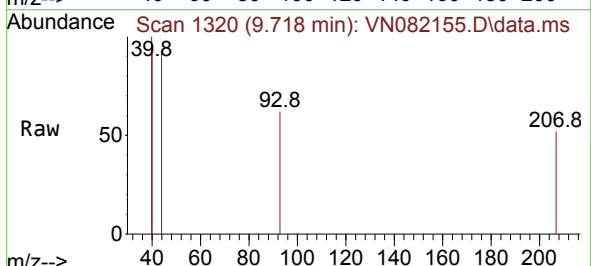
Tgt Ion: 93 Resp: 250

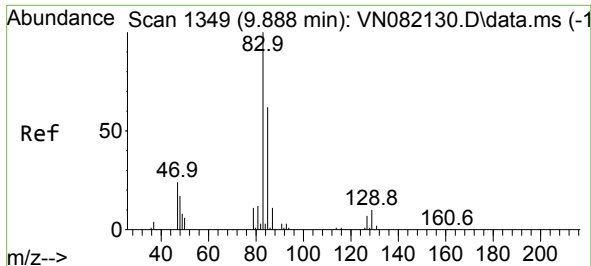
Ion Ratio Lower Upper

93 100

95 0.0 64.8 97.2#

174 22.4 73.4 110.0#





#47

Bromodichloromethane

Concen: 0.122 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

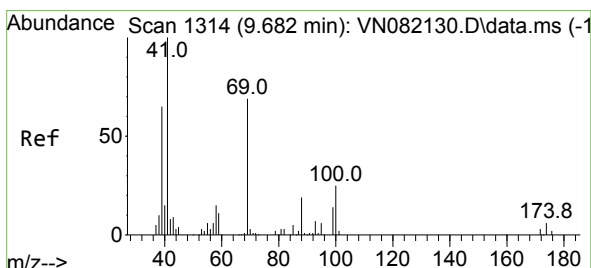
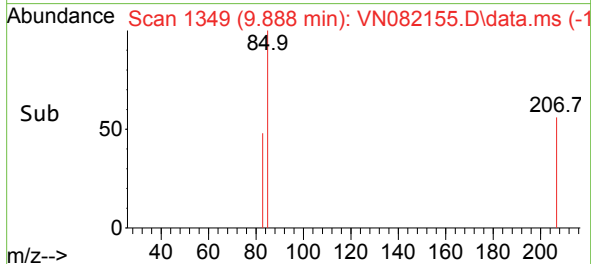
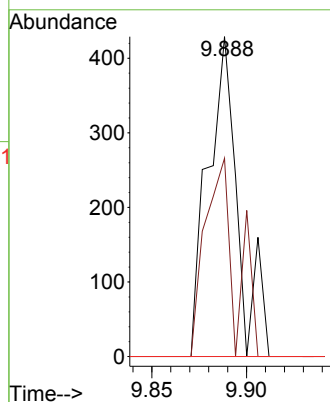
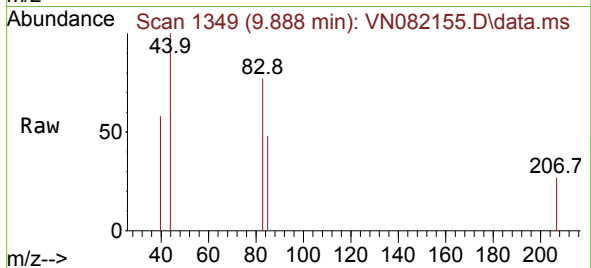
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	83	Resp:	472
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.9	77.9
127	0.0	7.5	11.3



#48

Methyl methacrylate

Concen: 0.197 ug/l

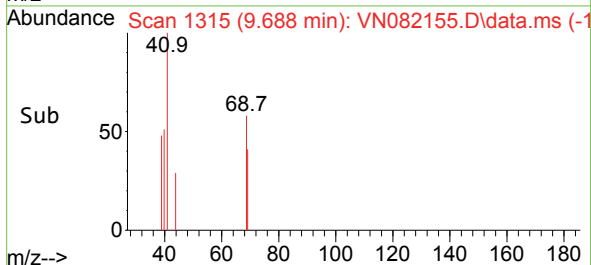
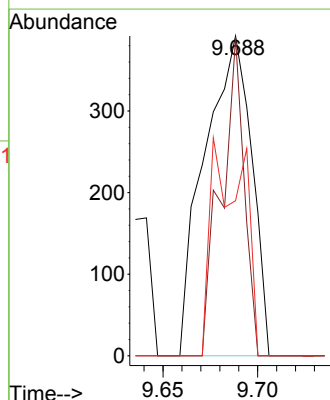
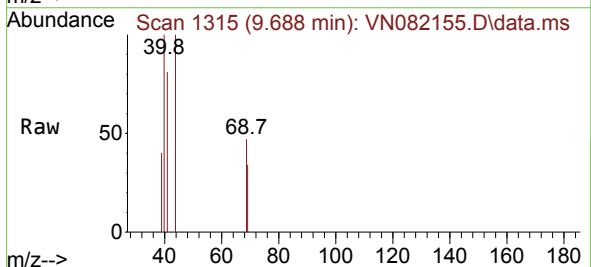
RT: 9.688 min Scan# 1315

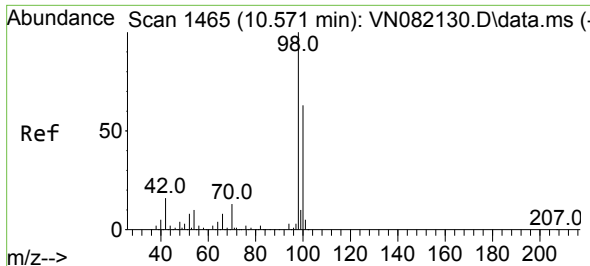
Delta R.T. 0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Tgt Ion:	41	Resp:	676
Ion	Ratio	Lower	Upper
41	100		
69	49.0	77.9	116.9
39	46.6	50.9	76.3

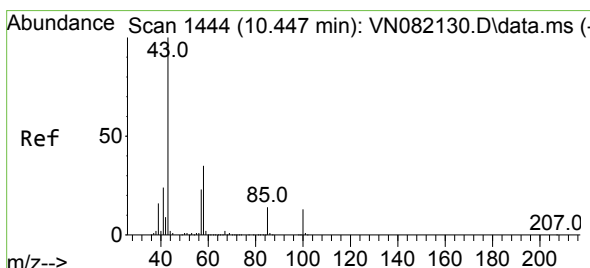
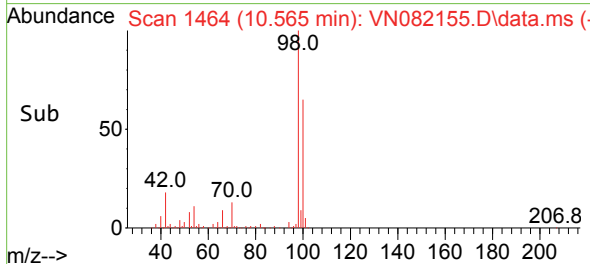
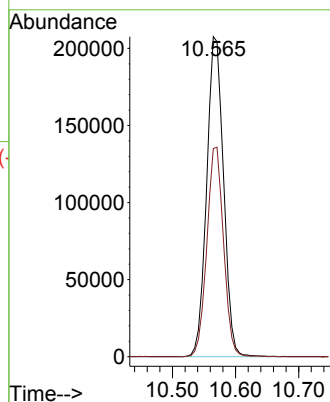
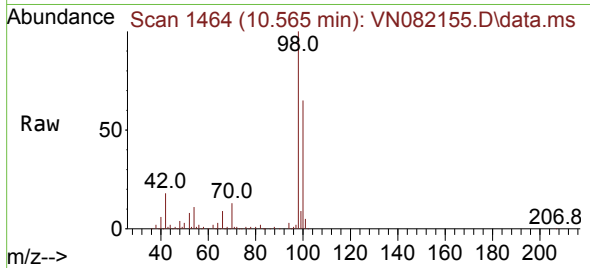




#50
Toluene-d8
Concen: 46.285 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

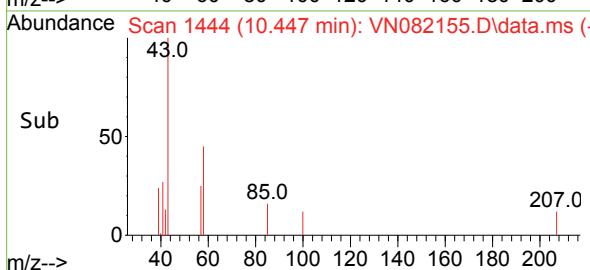
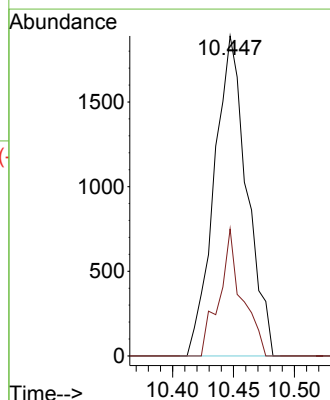
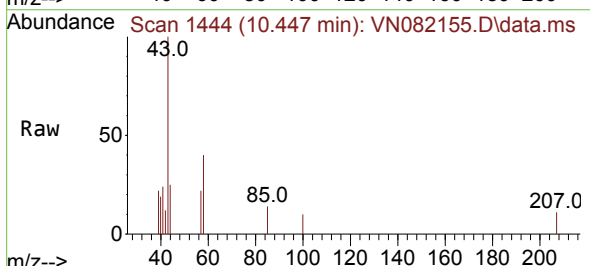
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

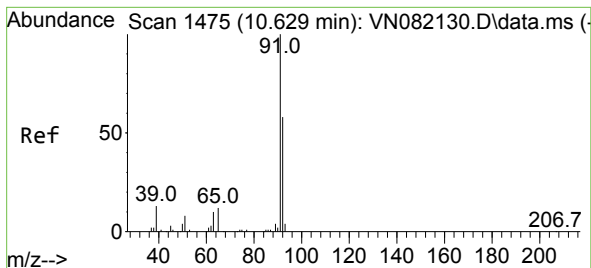
Tgt Ion: 98 Resp: 385067
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.861 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 43 Resp: 3530
Ion Ratio Lower Upper
43 100
58 27.5 33.2 49.8#





#52

Toluene

Concen: 0.192 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

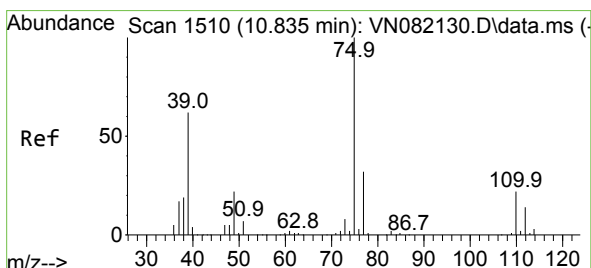
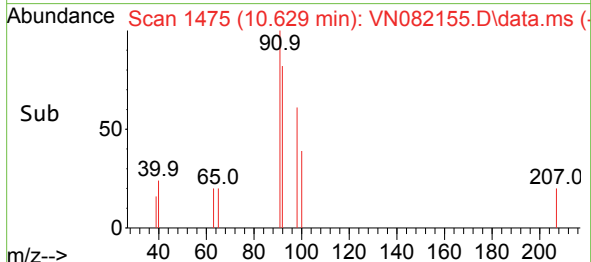
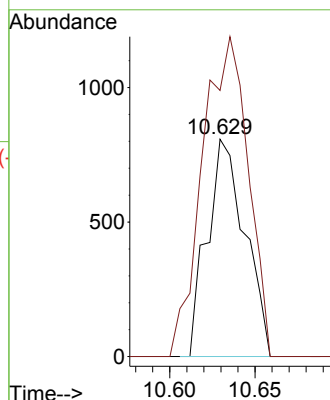
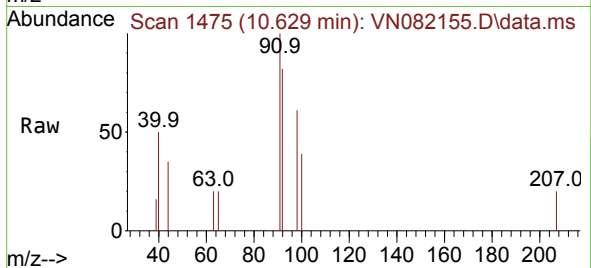
MDL-WATER-03-QT2-2024

Tgt Ion: 92 Resp: 1248

Ion Ratio Lower Upper

92 100

91 178.0 136.7 205.1



#53

t-1,3-Dichloropropene

Concen: 0.152 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN082155.D

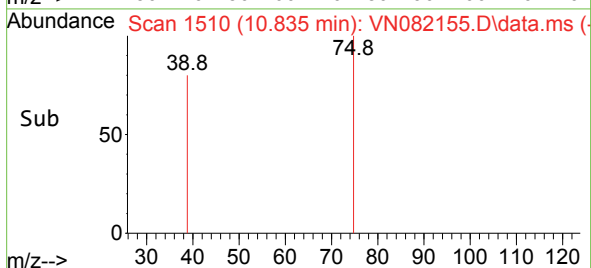
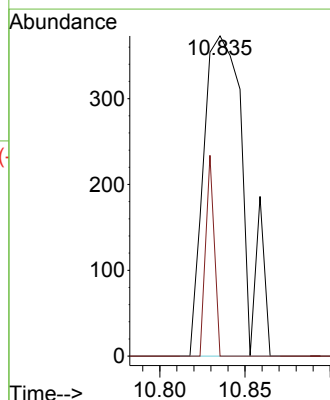
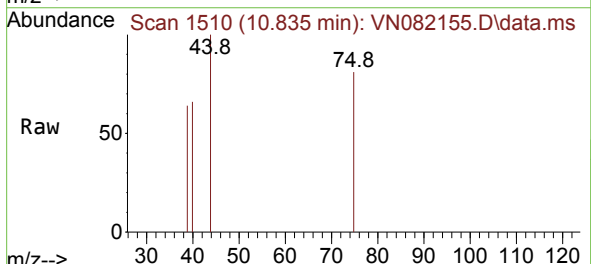
Acq: 16 May 2024 12:31

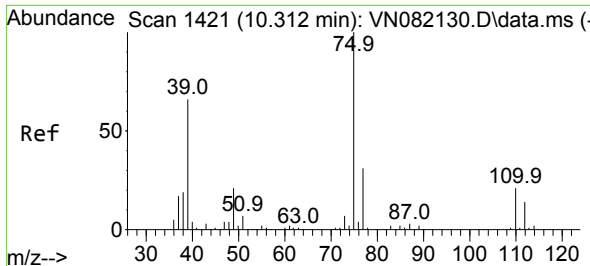
Tgt Ion: 75 Resp: 612

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

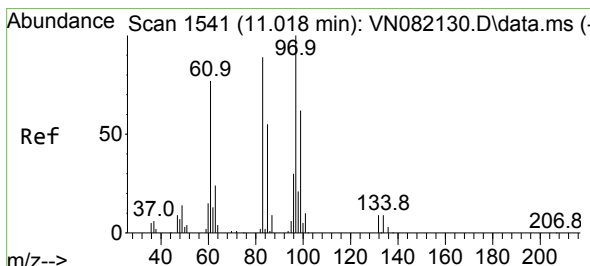
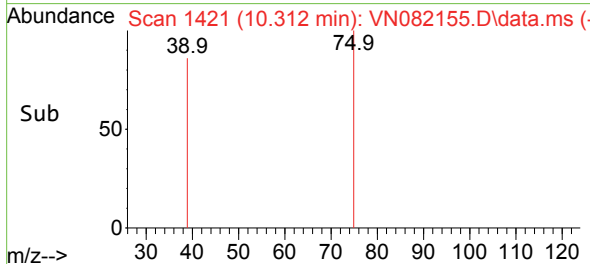
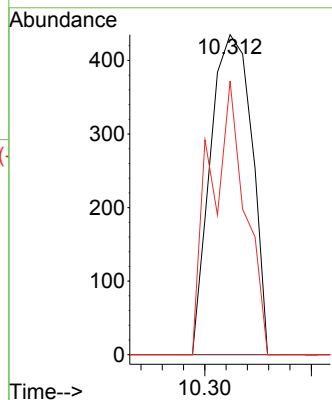
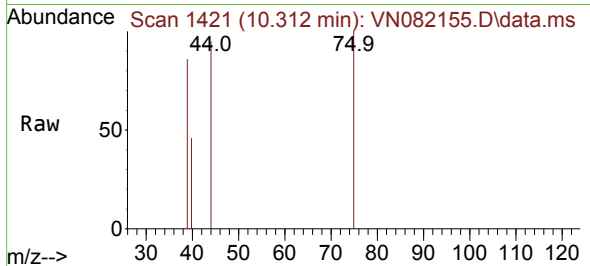




#54
 cis-1,3-Dichloropropene
 Concen: 0.138 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082155.D
 Acq: 16 May 2024 12:31

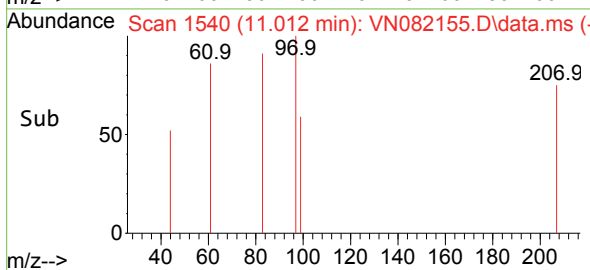
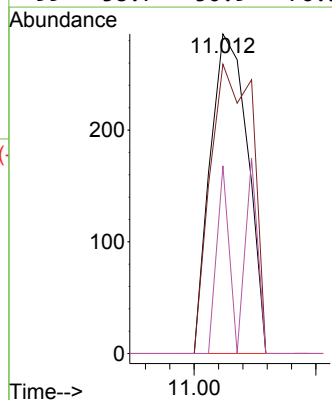
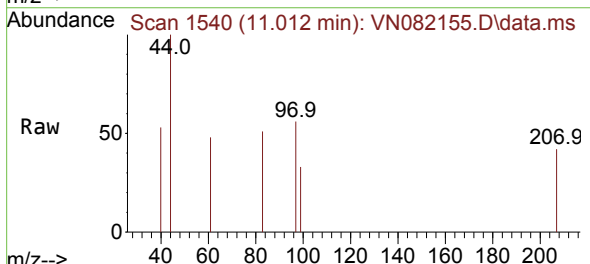
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2024

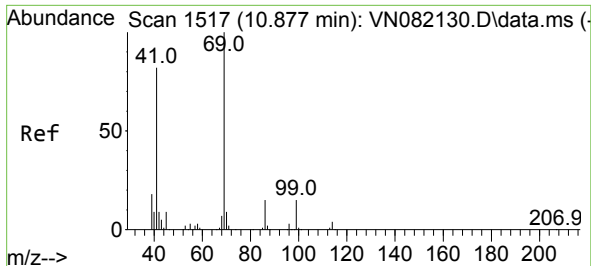
Tgt Ion: 75 Resp: 588
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 85.5 34.8 52.2#



#55
 1,1,2-Trichloroethane
 Concen: 0.129 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN082155.D
 Acq: 16 May 2024 12:31

Tgt Ion: 97 Resp: 305
 Ion Ratio Lower Upper
 97 100
 83 90.6 70.4 105.6
 85 0.0 45.6 68.4#
 99 58.7 50.9 76.3

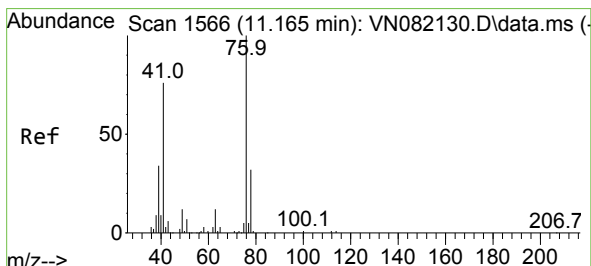
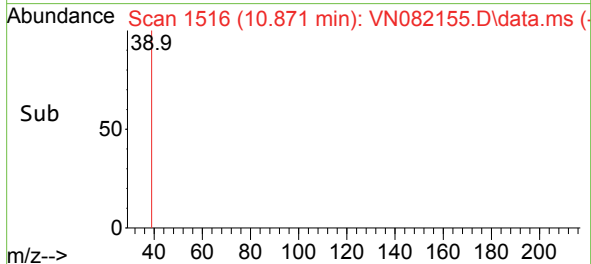
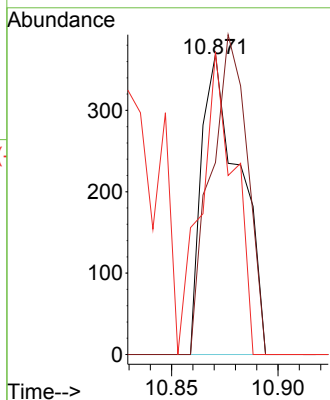
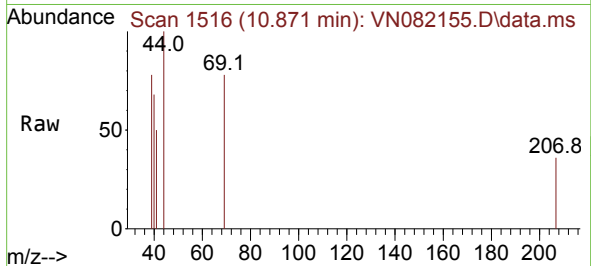




#56
Ethyl methacrylate
Concen: 0.114 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

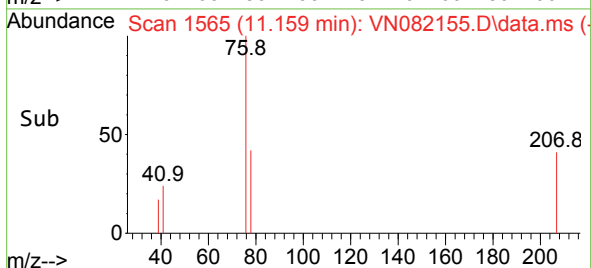
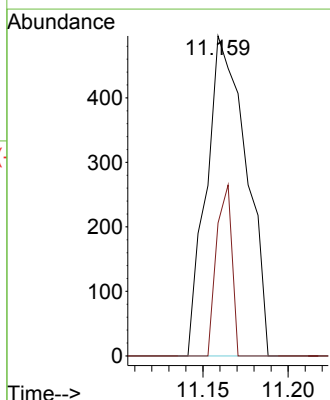
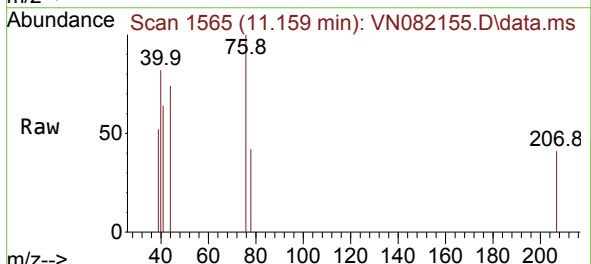
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

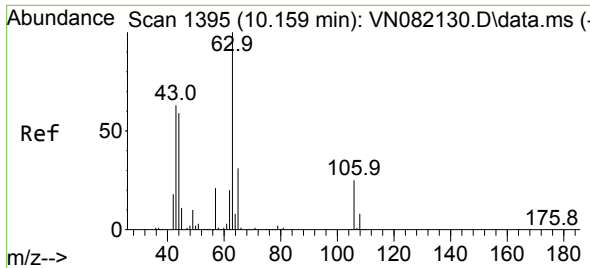
Tgt Ion: 69 Resp: 459
Ion Ratio Lower Upper
69 100
41 102.0 46.6 70.0#
39 88.9 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 0.182 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 76 Resp: 807
Ion Ratio Lower Upper
76 100
78 20.6 25.8 38.6#

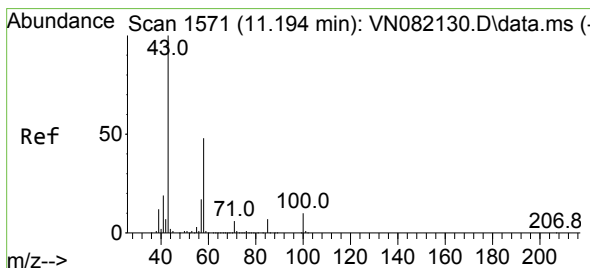
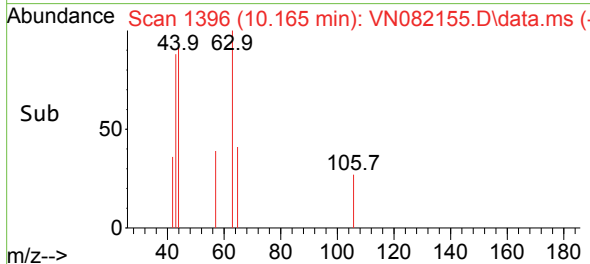
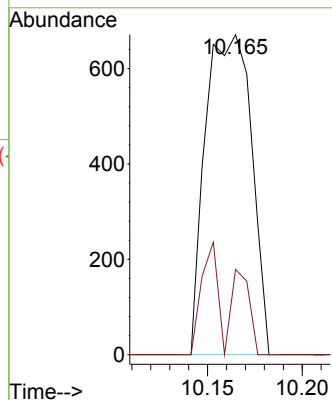
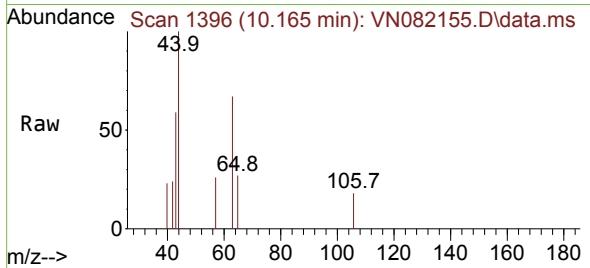




#58
2-Chloroethyl Vinyl ether
Concen: 0.546 ug/l
RT: 10.165 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

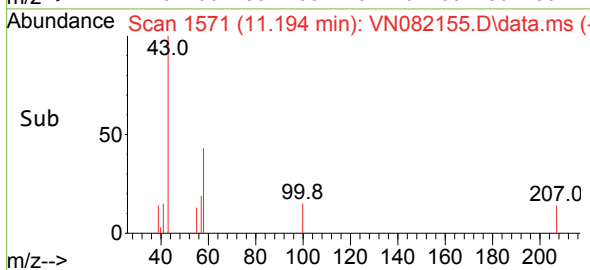
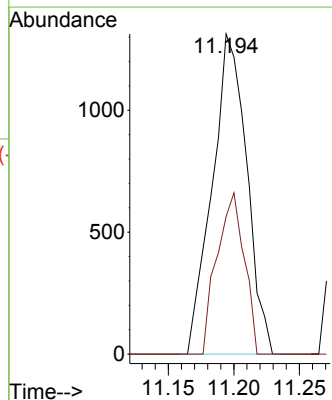
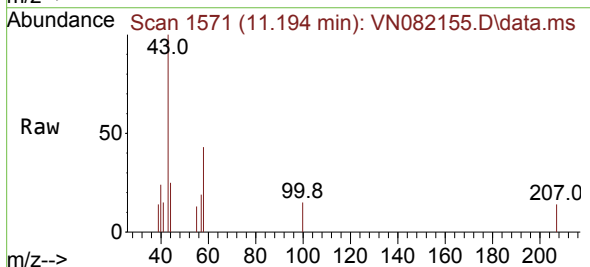
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

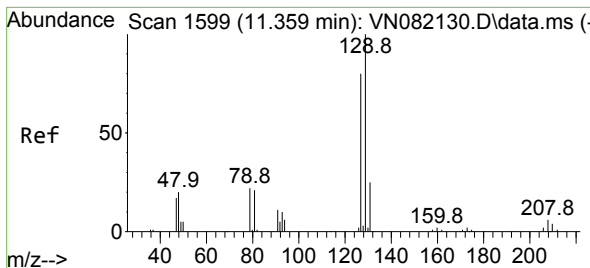
Tgt Ion: 63 Resp: 1132
Ion Ratio Lower Upper
63 100
106 12.5 24.6 36.8#



#59
2-Hexanone
Concen: 0.800 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
58 39.7 28.3 84.9





#60

Dibromochloromethane

Concen: 0.102 ug/l

RT: 11.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

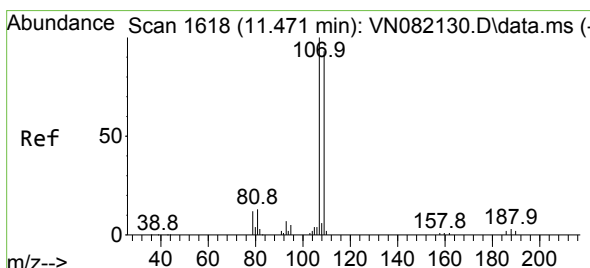
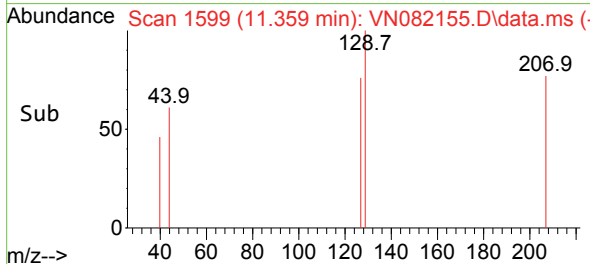
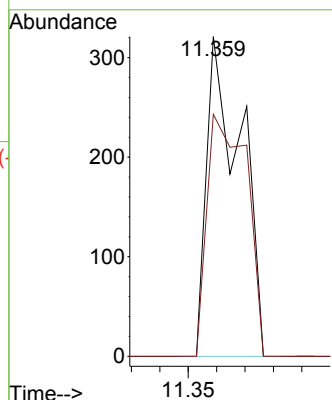
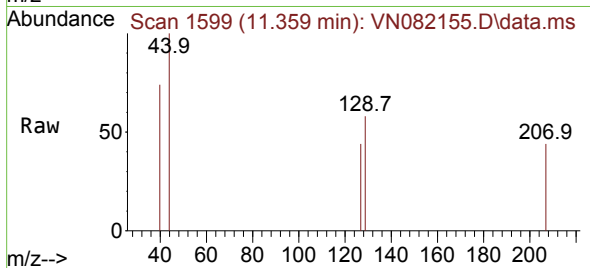
MDL-WATER-03-QT2-2024

Tgt Ion:129 Resp: 266

Ion Ratio Lower Upper

129 100

127 88.3 38.3 114.8



#61

1,2-Dibromoethane

Concen: 0.147 ug/l

RT: 11.482 min Scan# 1620

Delta R.T. 0.012 min

Lab File: VN082155.D

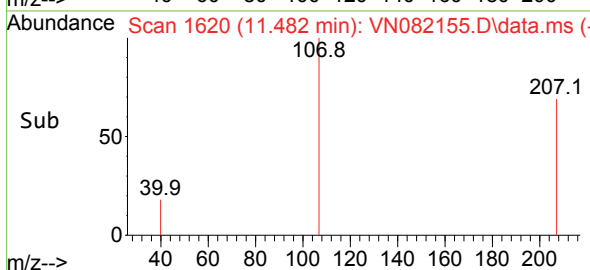
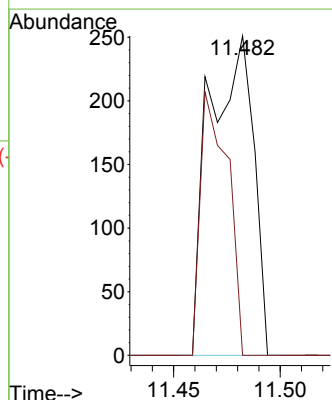
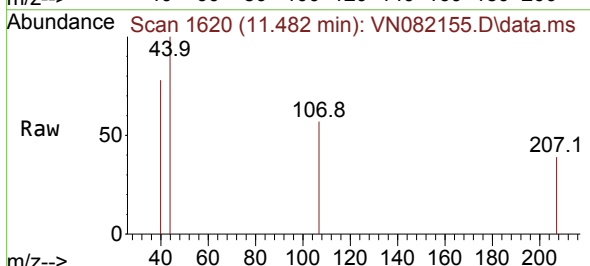
Acq: 16 May 2024 12:31

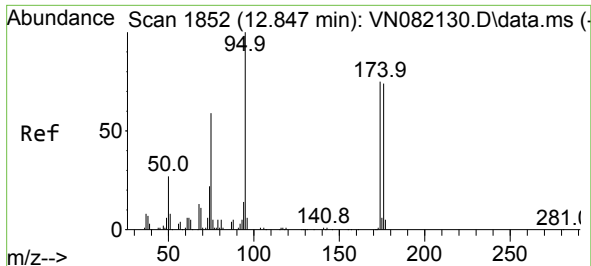
Tgt Ion:107 Resp: 358

Ion Ratio Lower Upper

107 100

109 52.0 75.8 113.6#

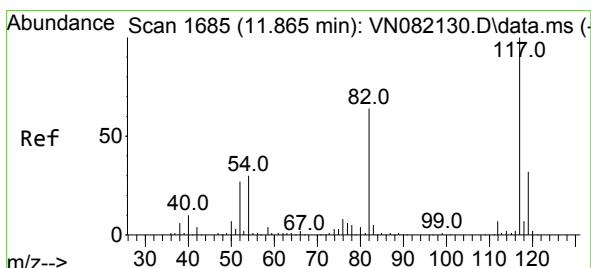
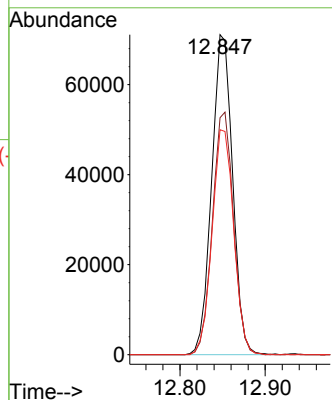
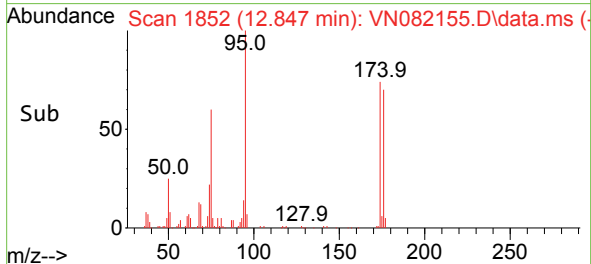
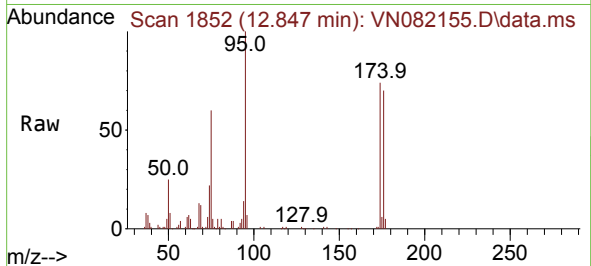




#62
4-Bromofluorobenzene
Concen: 40.866 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

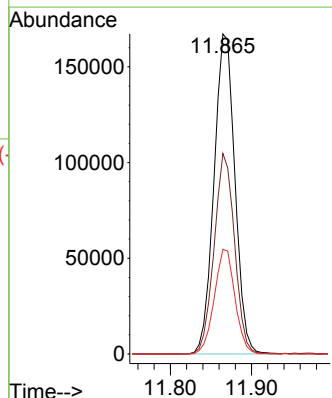
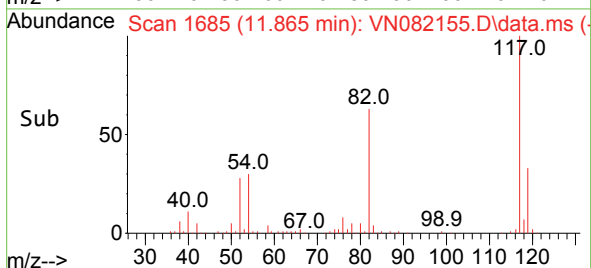
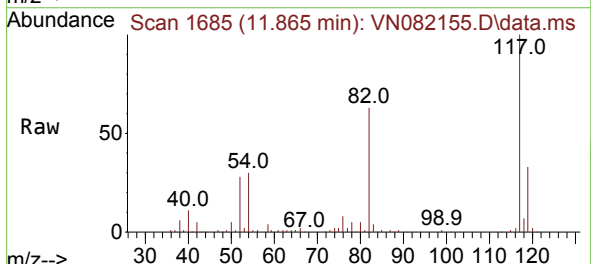
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

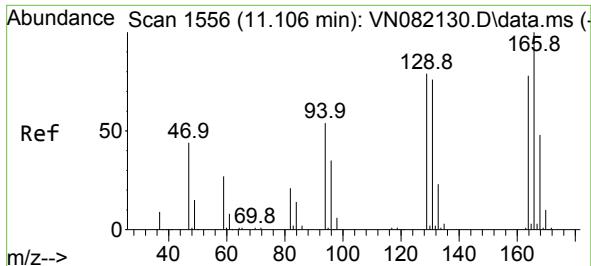
Tgt Ion: 95 Resp: 121347
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 72.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

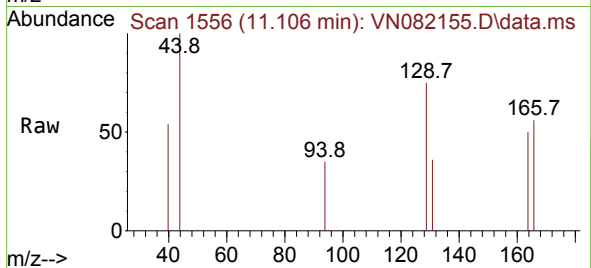
Tgt Ion: 117 Resp: 299630
Ion Ratio Lower Upper
117 100
82 62.6 44.6 66.8
119 32.7 25.9 38.9



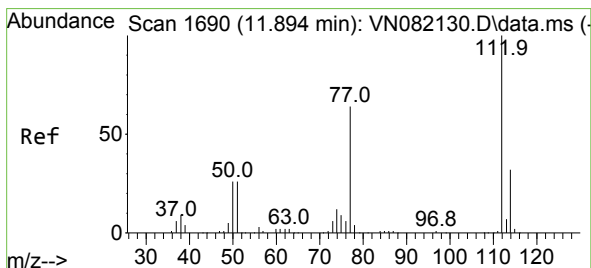
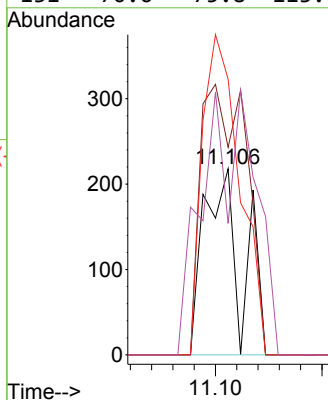
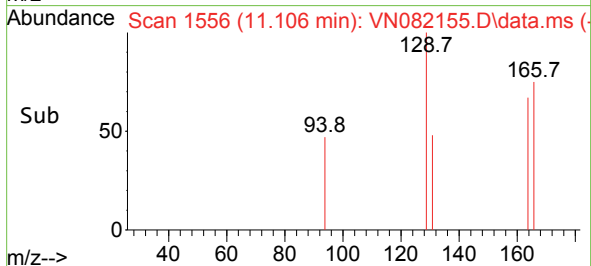


#64
Tetrachloroethene
Concen: 0.121 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

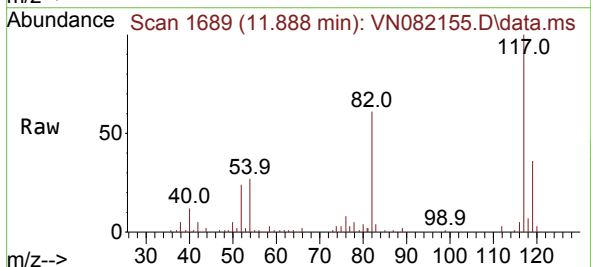
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



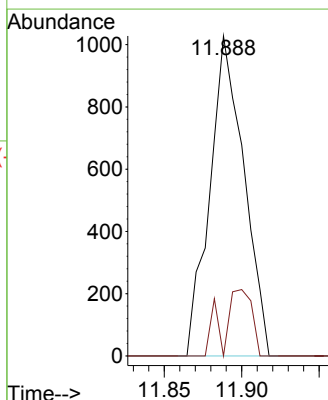
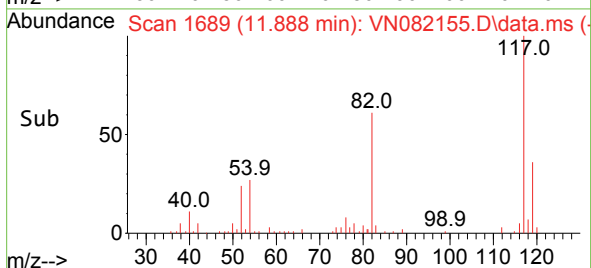
Tgt Ion:164 Resp: 268
Ion Ratio Lower Upper
164 100
166 111.5 97.6 146.4
129 148.2 73.7 110.5#
131 70.6 75.8 113.6#

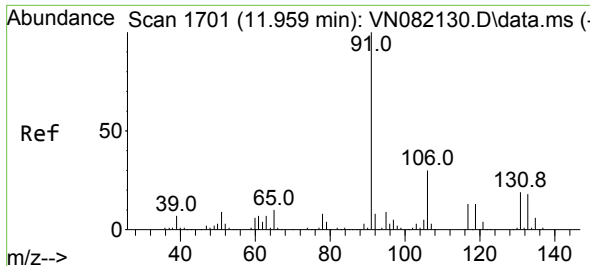


#65
Chlorobenzene
Concen: 0.238 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31



Tgt Ion:112 Resp: 1577
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#

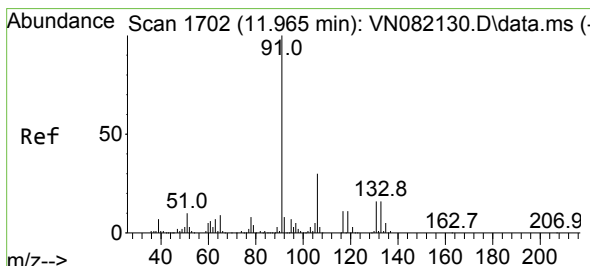
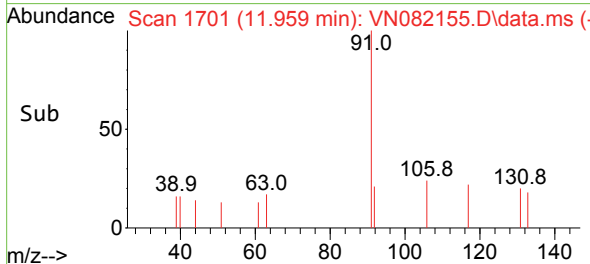
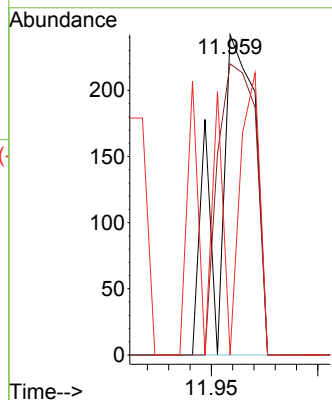
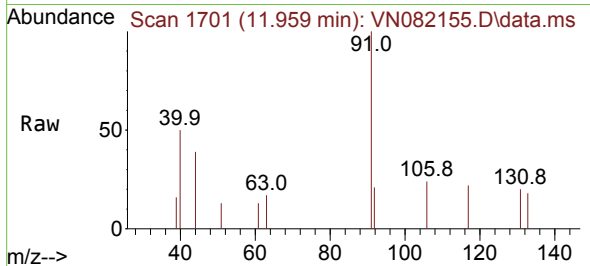




#66
1,1,1,2-Tetrachloroethane
Concen: 0.135 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

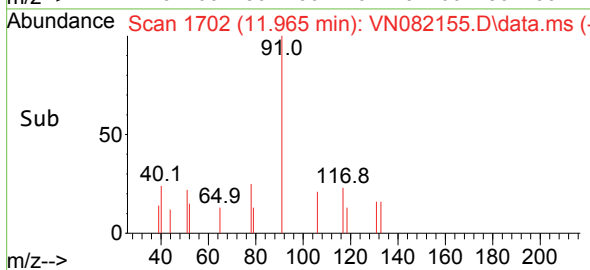
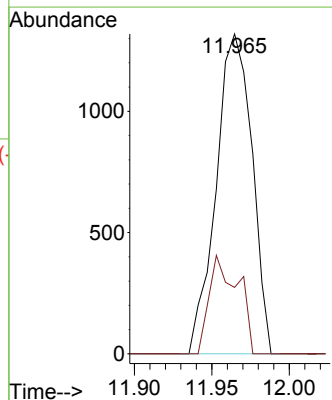
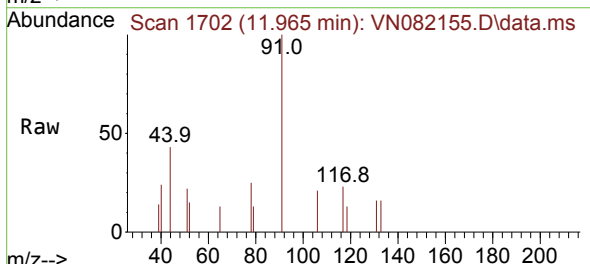
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

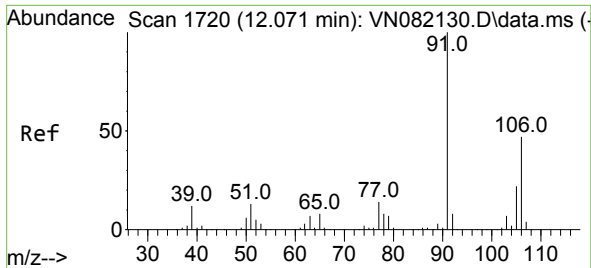
Tgt Ion:131 Resp: 295
Ion Ratio Lower Upper
131 100
133 92.5 47.5 142.6
119 0.0 32.9 98.7#



#67
Ethyl Benzene
Concen: 0.179 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 91 Resp: 2125
Ion Ratio Lower Upper
91 100
106 20.8 25.3 37.9#

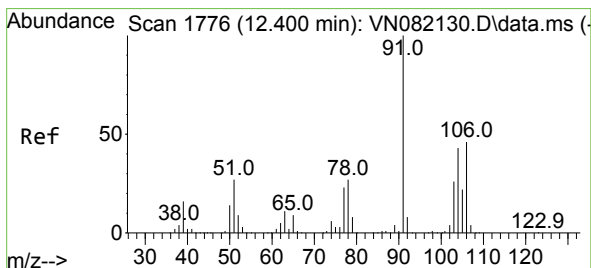
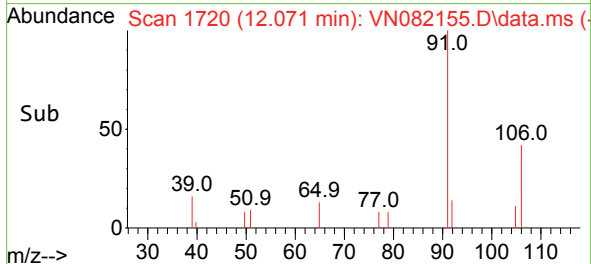
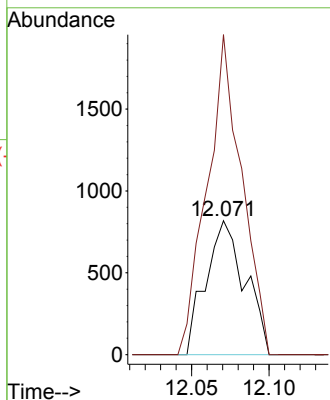
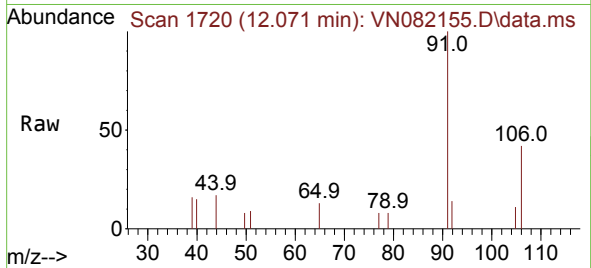




#68
m/p-Xylenes
Concen: 0.332 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

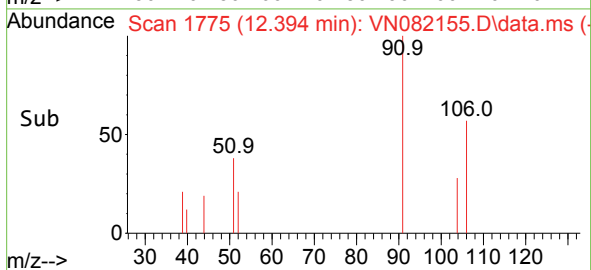
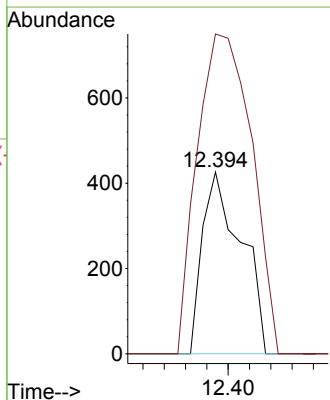
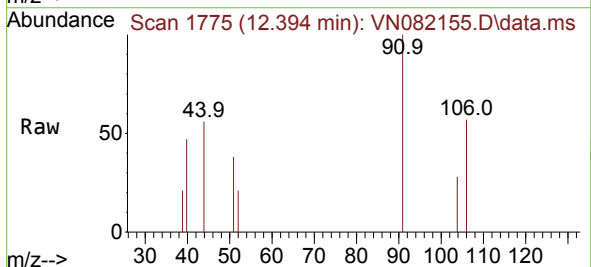
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

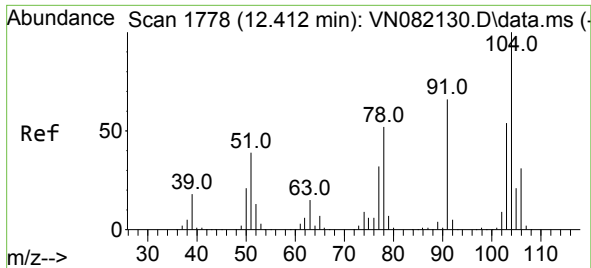
Tgt Ion:106 Resp: 1442
Ion Ratio Lower Upper
106 100
91 211.0 159.4 239.0



#69
o-Xylene
Concen: 0.128 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion:106 Resp: 540
Ion Ratio Lower Upper
106 100
91 247.0 104.7 314.1

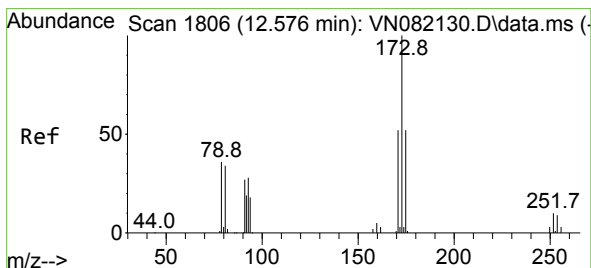
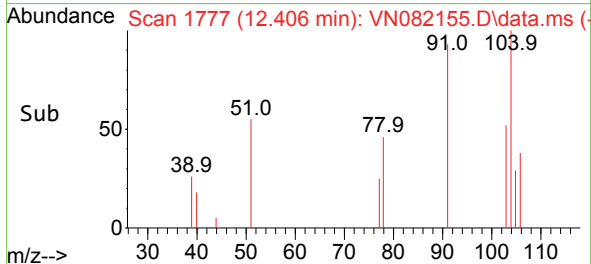
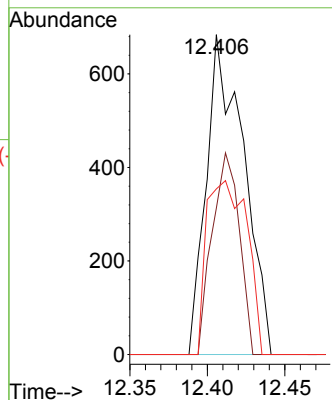
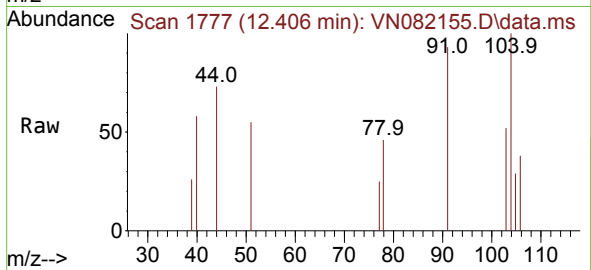




#70
Styrene
Concen: 0.163 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

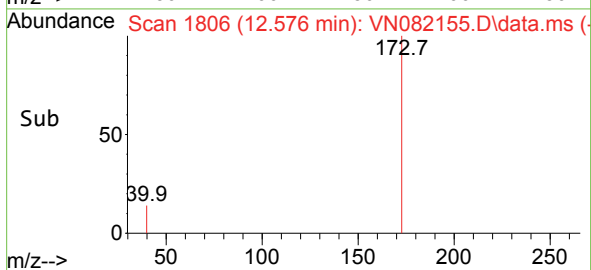
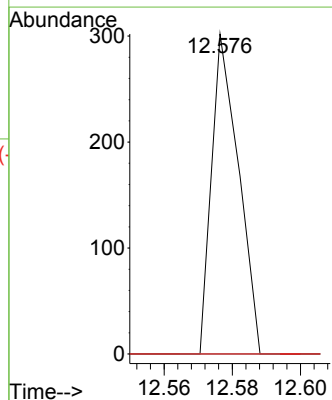
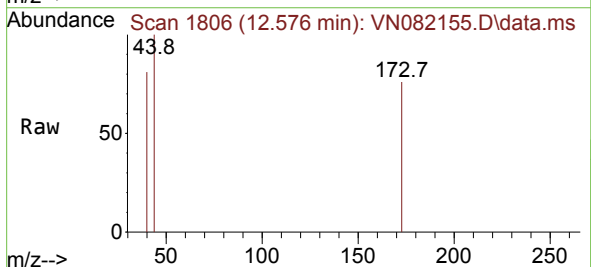
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

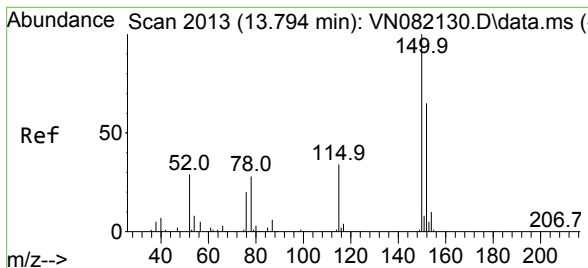
Tgt Ion:104 Resp: 1140
Ion Ratio Lower Upper
104 100
78 46.1 38.6 58.0
103 58.9 43.8 65.6



#71
Bromoform
Concen: 0.106 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion:173 Resp: 166
Ion Ratio Lower Upper
173 100
175 0.0 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: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

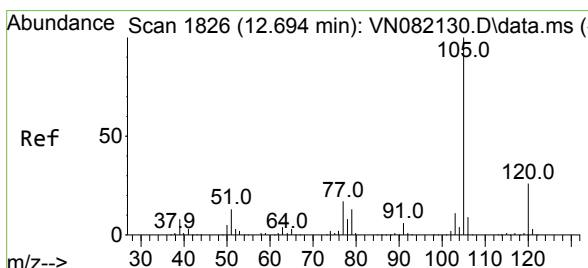
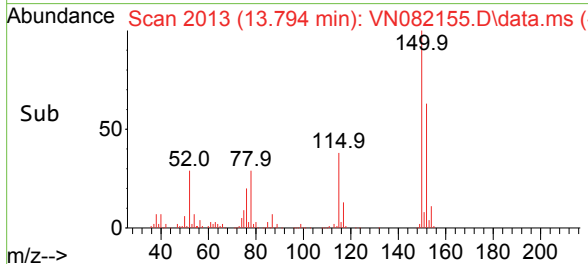
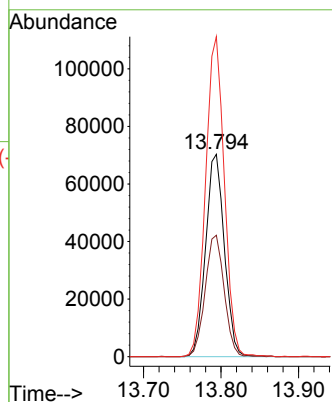
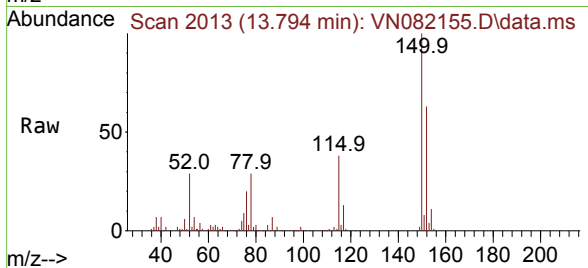
Tgt Ion:152 Resp: 118427

Ion Ratio Lower Upper

152 100

115 61.0 30.4 91.3

150 157.6 0.0 353.2



#73

Isopropylbenzene

Concen: 0.154 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN082155.D

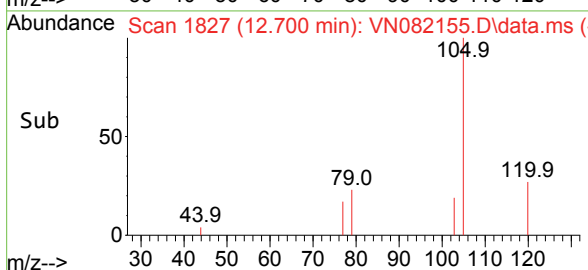
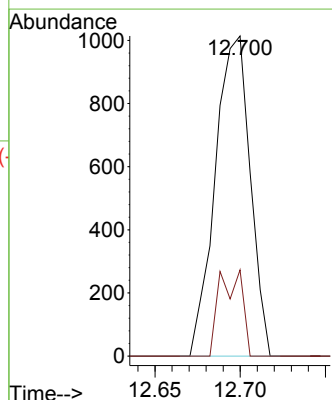
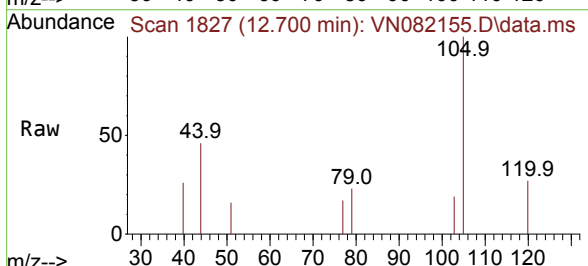
Acq: 16 May 2024 12:31

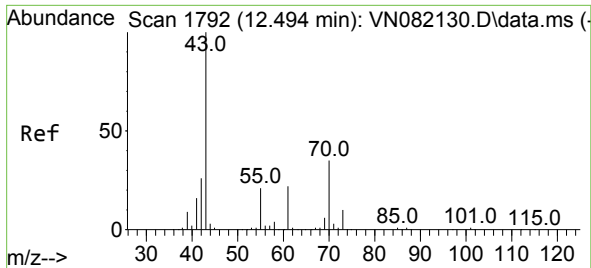
Tgt Ion:105 Resp: 1445

Ion Ratio Lower Upper

105 100

120 17.6 13.4 40.1

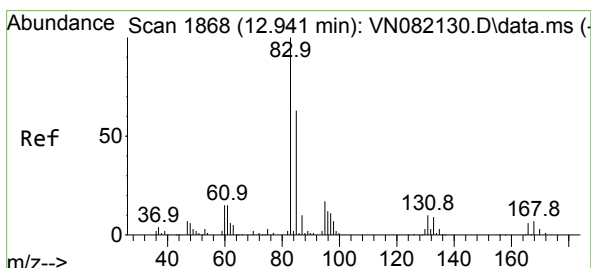
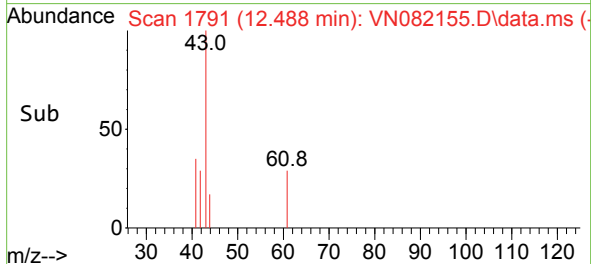
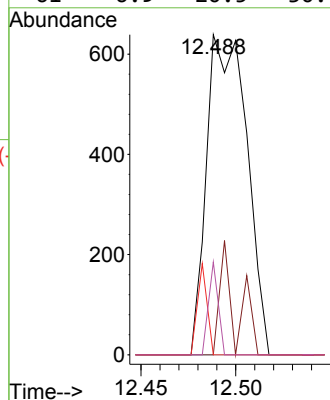
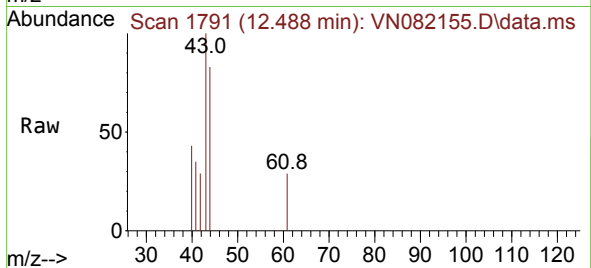




#74
N-amy1 acetate
Concen: 0.182 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

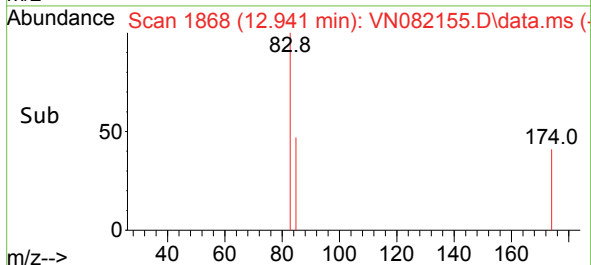
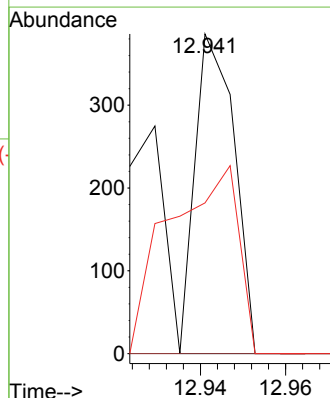
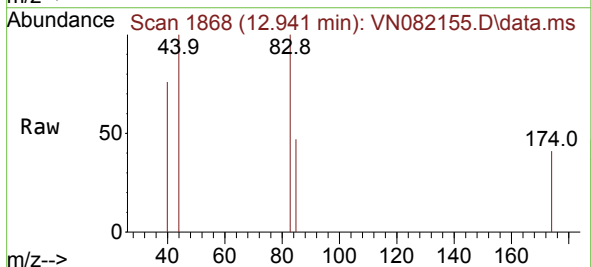
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

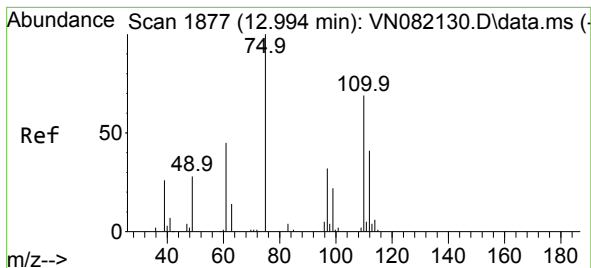
Tgt Ion:	43	Resp:	942
Ion	Ratio	Lower	Upper
43	100		
70	14.4	39.0	58.4#
55	6.8	21.3	31.9#
61	6.9	20.5	30.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.091 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion:	83	Resp:	247
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4#
85	104.5	32.9	98.6#





#76

1,2,3-Trichloropropane

Concen: 28.463 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

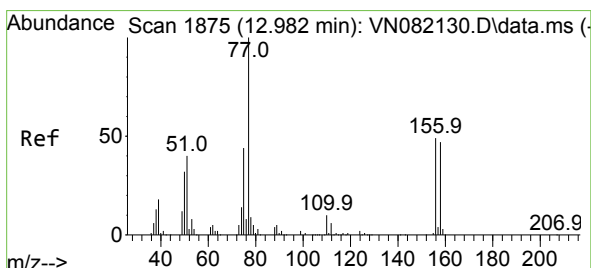
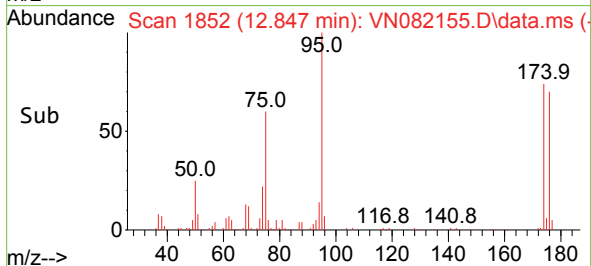
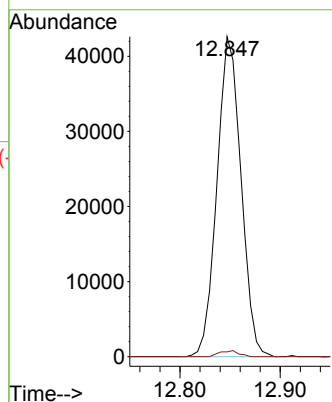
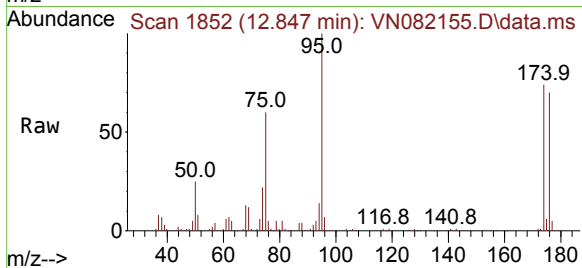
MDL-WATER-03-QT2-2024

Tgt Ion: 75 Resp: 70946

Ion Ratio Lower Upper

75 100

77 1.5 90.5 271.3#



#77

Bromobenzene

Concen: 0.159 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

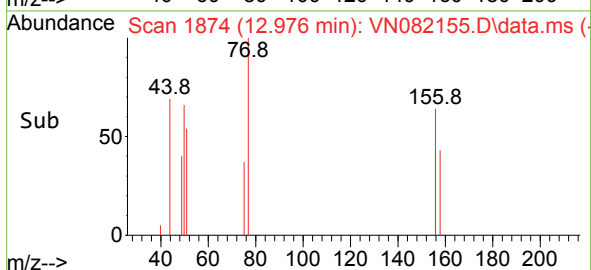
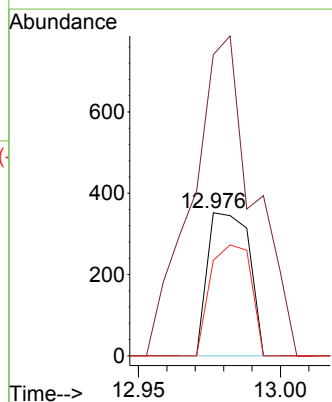
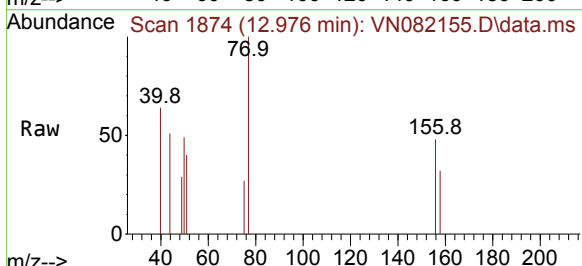
Tgt Ion: 156 Resp: 357

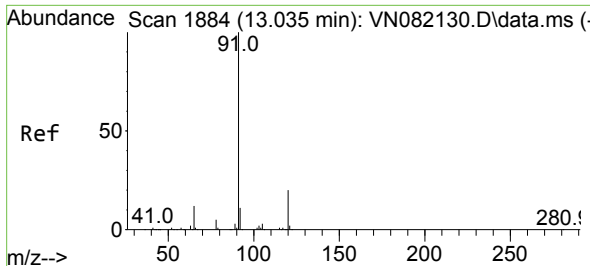
Ion Ratio Lower Upper

156 100

77 333.9 100.2 300.6#

158 75.9 49.1 147.3

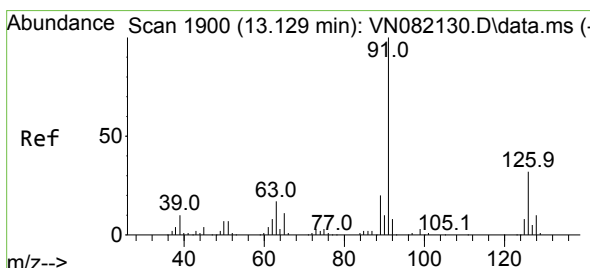
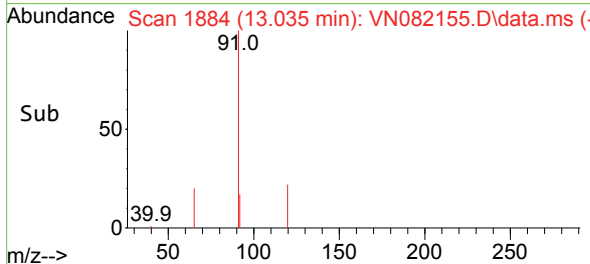
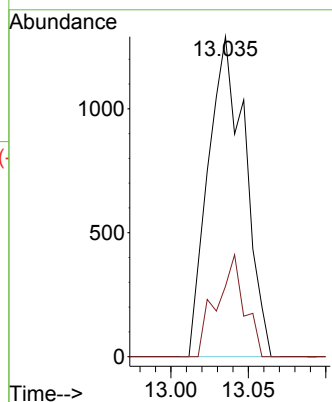
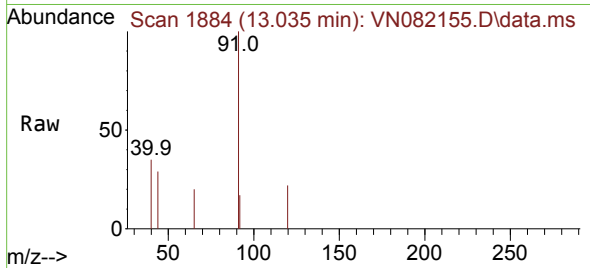




#78
n-propylbenzene
Concen: 0.191 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

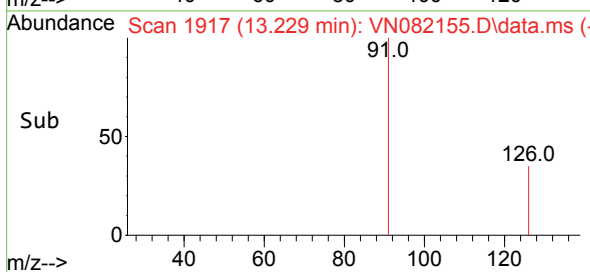
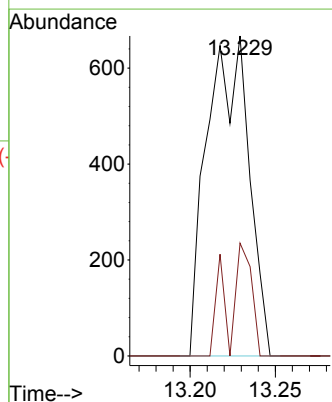
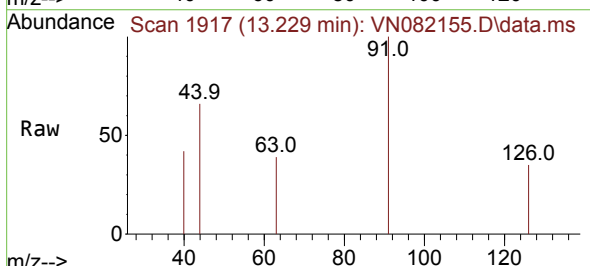
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

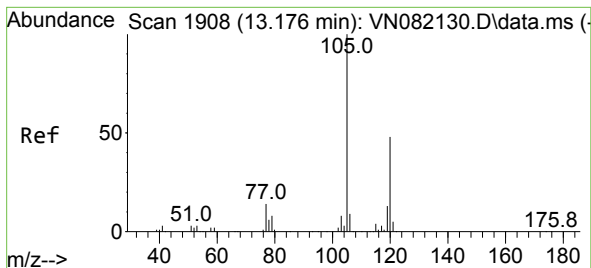
Tgt Ion: 91 Resp: 2128
Ion Ratio Lower Upper
91 100
120 24.0 11.7 35.0



#79
2-Chlorotoluene
Concen: 0.162 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.100 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 91 Resp: 1131
Ion Ratio Lower Upper
91 100
126 19.7 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 0.180 ug/l

RT: 13.170 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

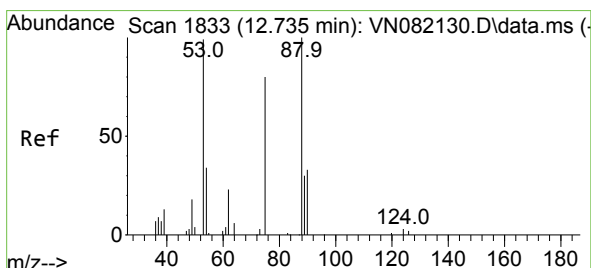
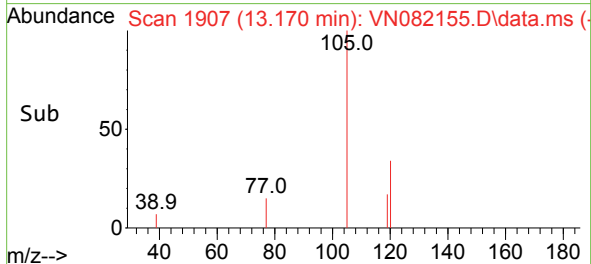
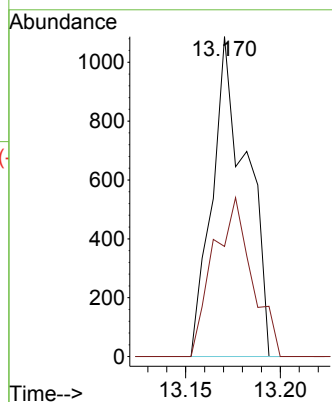
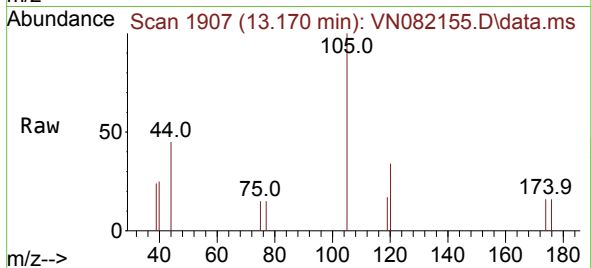
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 1371

Ion Ratio Lower Upper

105 100

120 55.7 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 66.573 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

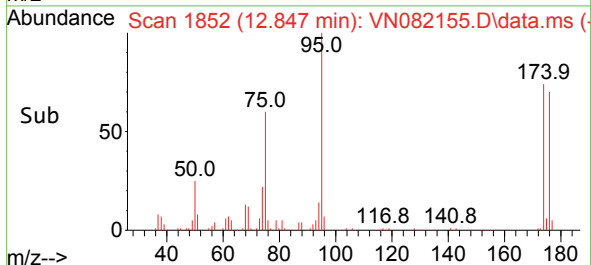
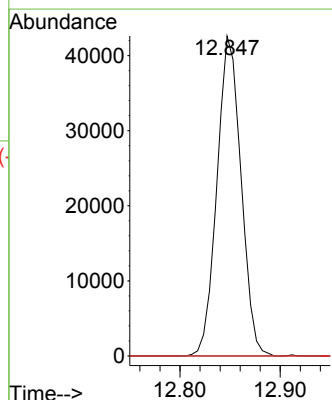
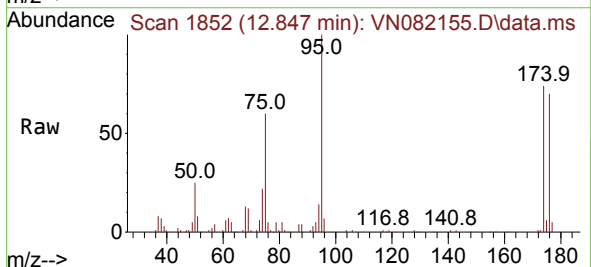
Tgt Ion: 75 Resp: 70946

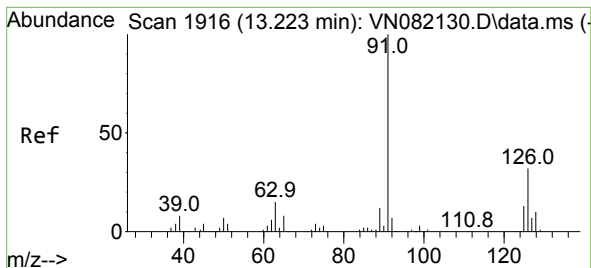
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#





#82

4-Chlorotoluene

Concen: 0.165 ug/l

RT: 13.229 min Scan# 1916

Delta R.T. 0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

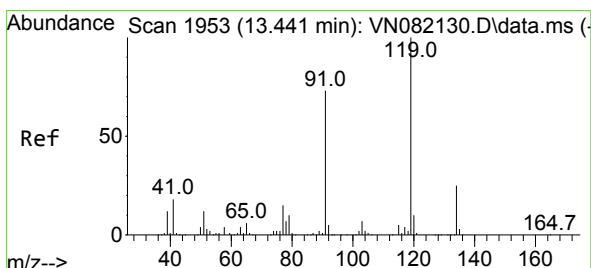
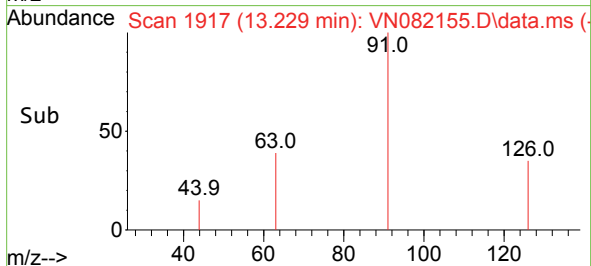
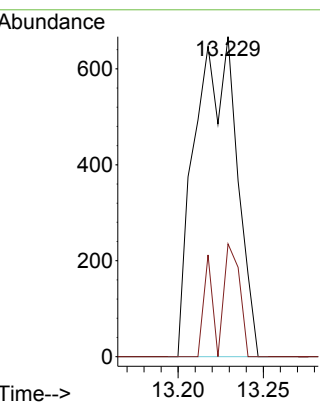
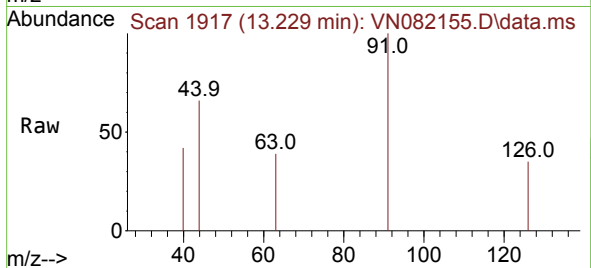
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 1131

Ion Ratio Lower Upper

91 100

126 19.7 17.4 52.3



#83

tert-Butylbenzene

Concen: 0.191 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

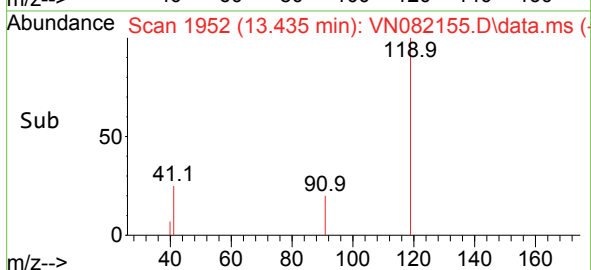
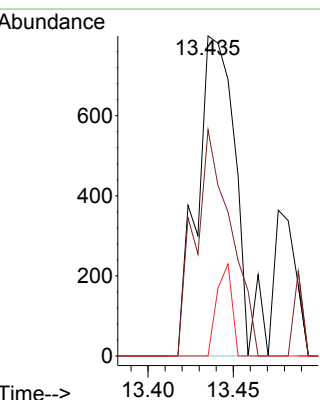
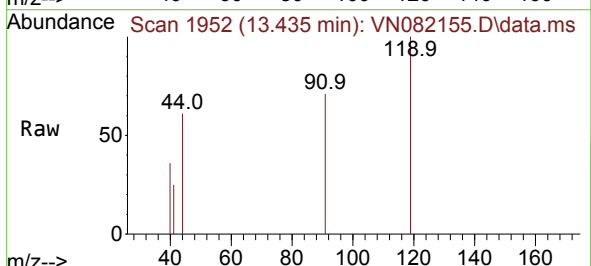
Tgt Ion: 119 Resp: 1270

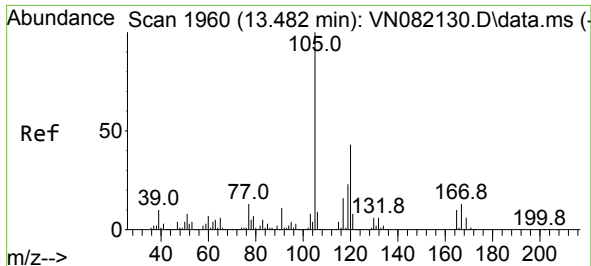
Ion Ratio Lower Upper

119 100

91 65.3 32.6 97.8

134 11.1 12.4 37.0#

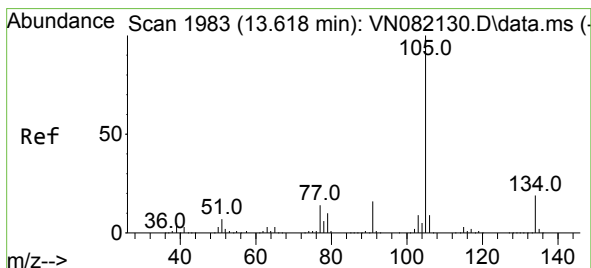
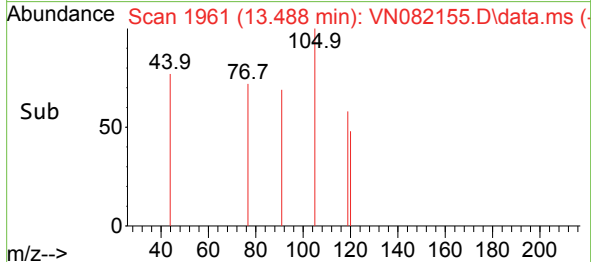
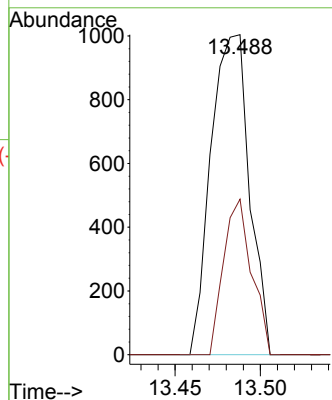
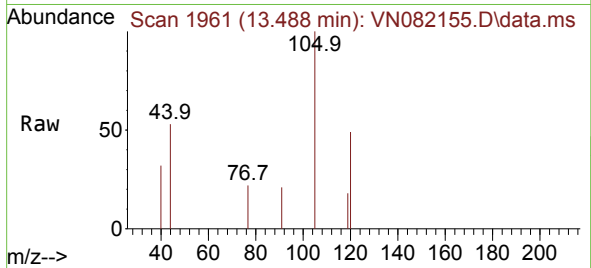




#84
1,2,4-Trimethylbenzene
Concen: 0.203 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

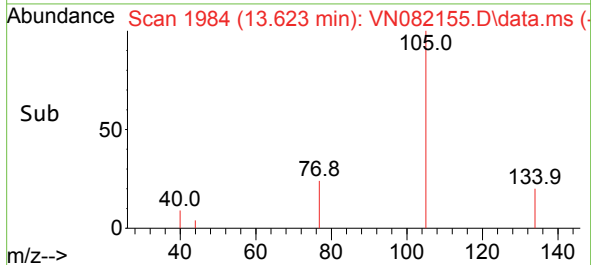
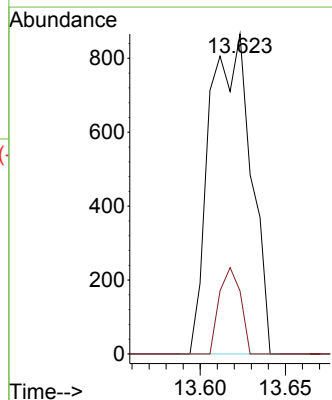
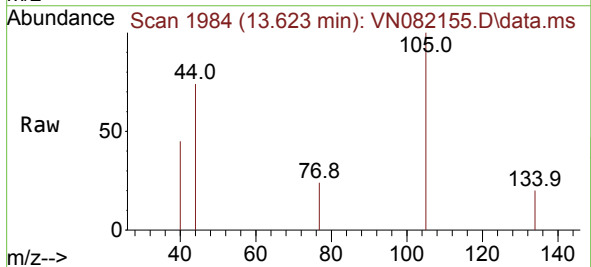
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

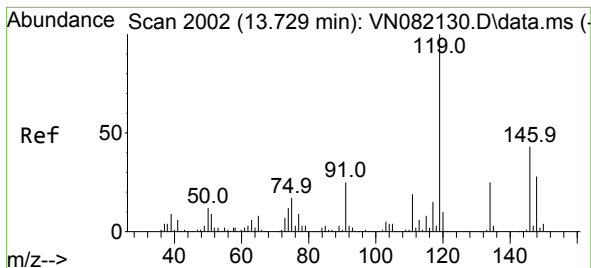
Tgt Ion:105 Resp: 1579
Ion Ratio Lower Upper
105 100
120 35.5 22.9 68.7



#85
sec-Butylbenzene
Concen: 0.158 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion:105 Resp: 1462
Ion Ratio Lower Upper
105 100
134 13.9 10.2 30.4





#86

p-Isopropyltoluene

Concen: 0.149 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

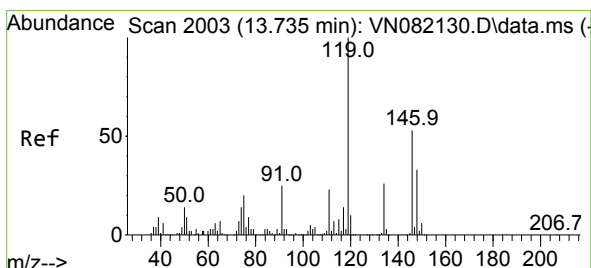
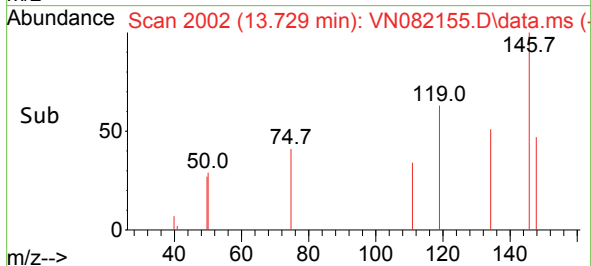
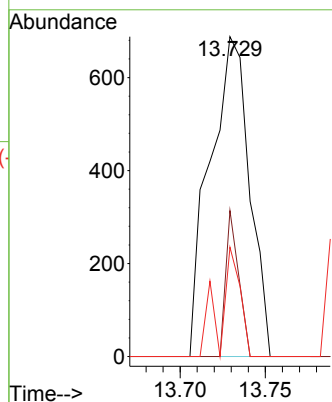
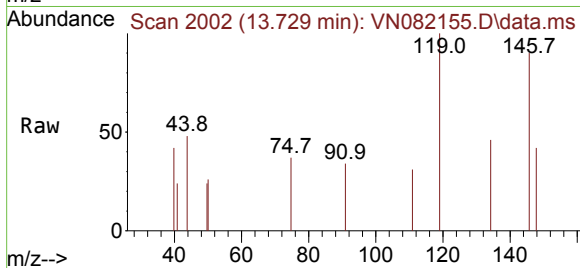
Tgt Ion:119 Resp: 1114

Ion Ratio Lower Upper

119 100

134 14.8 13.2 39.5

91 17.3 11.8 35.3



#87

1,3-Dichlorobenzene

Concen: 0.248 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

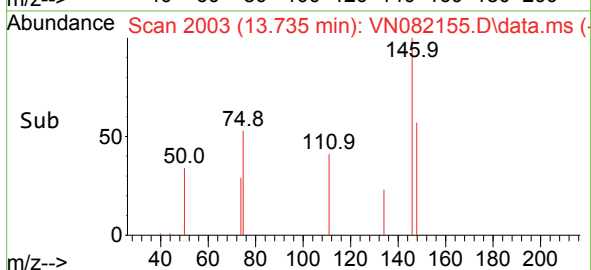
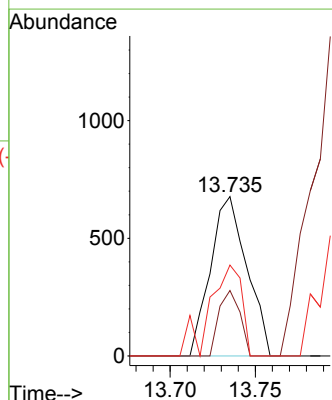
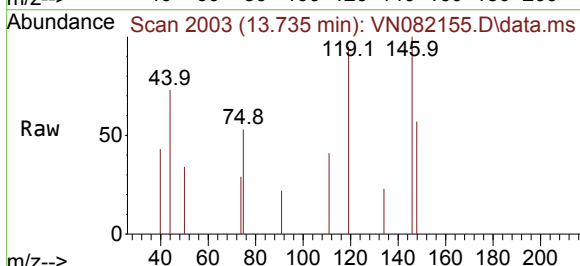
Tgt Ion:146 Resp: 1008

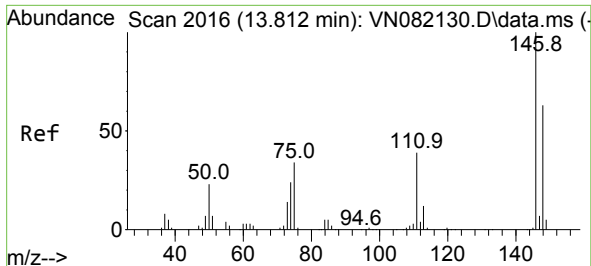
Ion Ratio Lower Upper

146 100

111 23.7 20.8 62.5

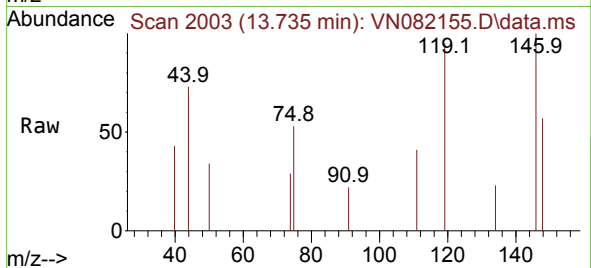
148 50.0 32.1 96.3



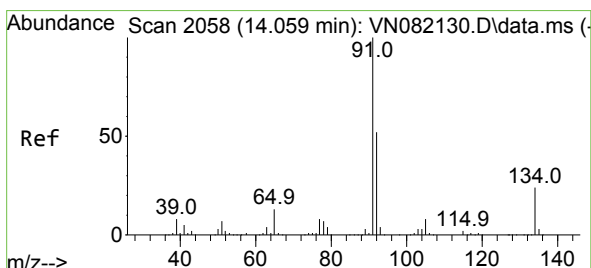
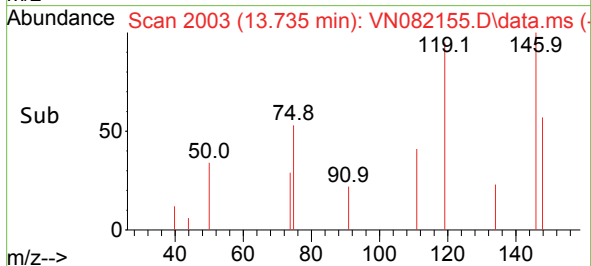
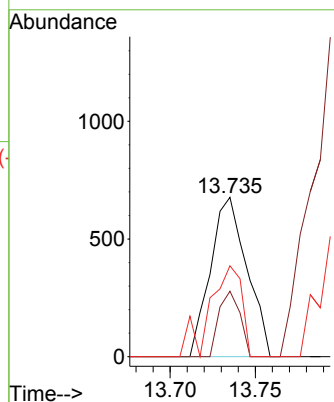


#88
1,4-Dichlorobenzene
Concen: 0.243 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.076 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

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

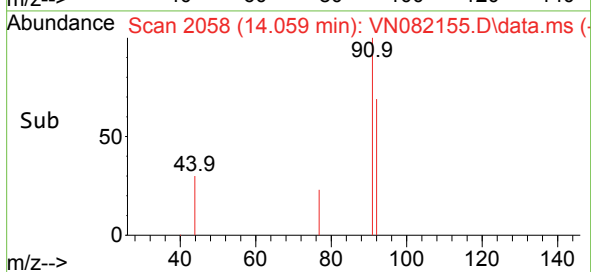
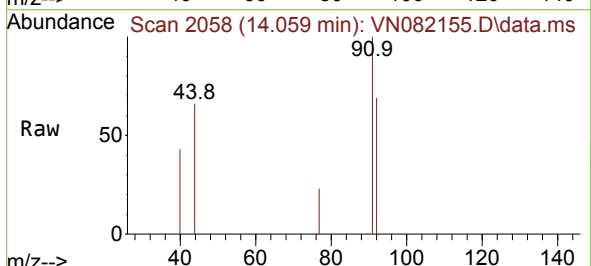
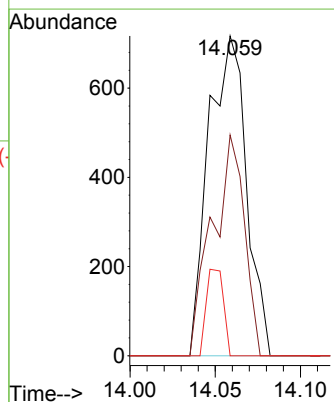


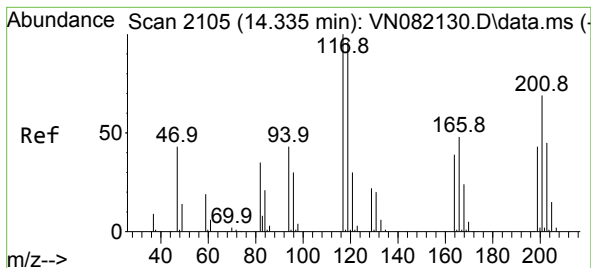
Tgt Ion:146 Resp: 1008
Ion Ratio Lower Upper
146 100
111 23.7 19.3 57.9
148 50.0 31.3 93.9



#89
n-Butylbenzene
Concen: 0.164 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion: 91 Resp: 1106
Ion Ratio Lower Upper
91 100
92 58.5 26.2 78.5
134 12.3 13.2 39.5#





#90

Hexachloroethane

Concen: 0.104 ug/l

RT: 14.341 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

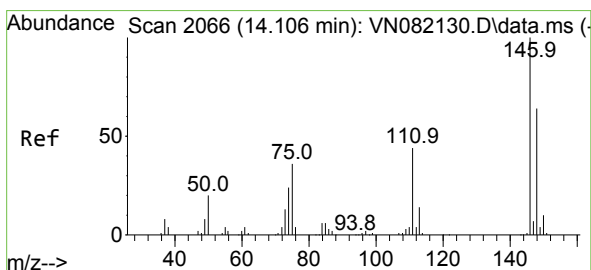
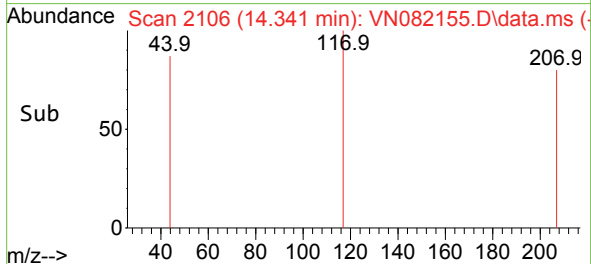
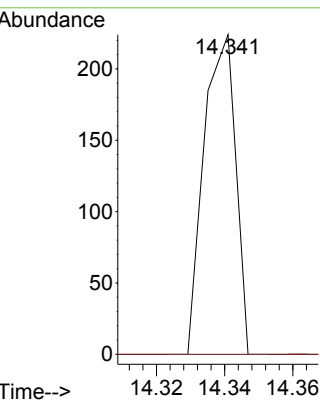
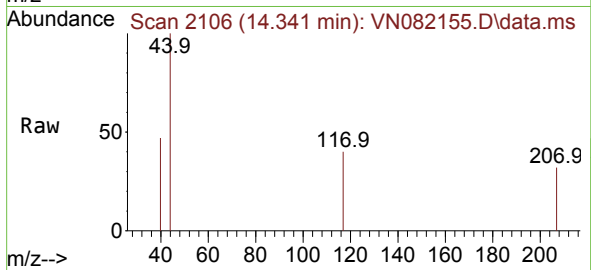
MDL-WATER-03-QT2-2024

Tgt Ion:117 Resp: 144

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#91

1,2-Dichlorobenzene

Concen: 0.221 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

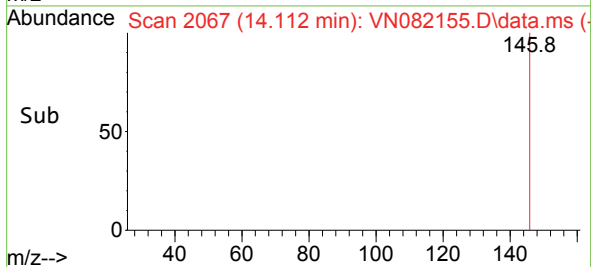
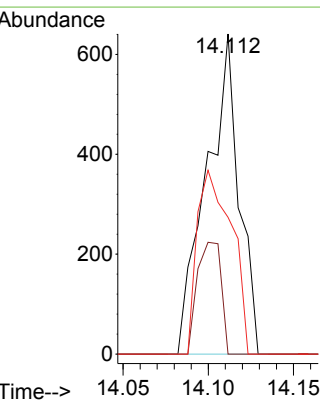
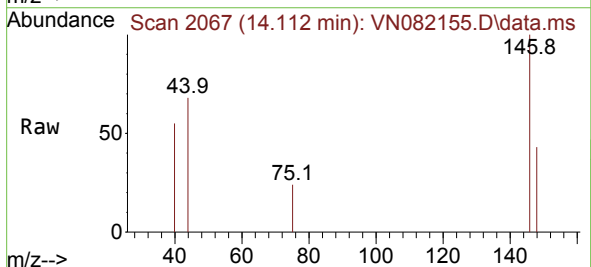
Tgt Ion:146 Resp: 849

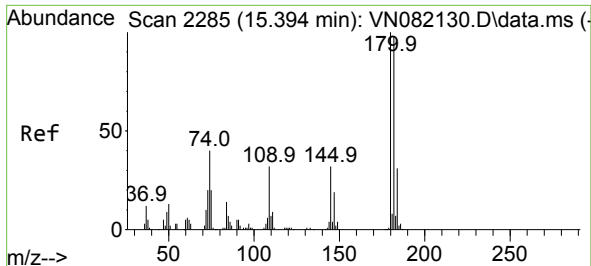
Ion Ratio Lower Upper

146 100

111 25.6 21.3 64.0

148 60.8 31.8 95.4

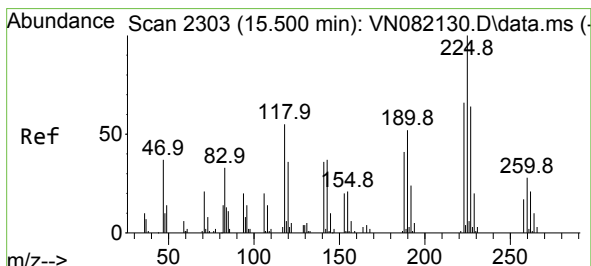
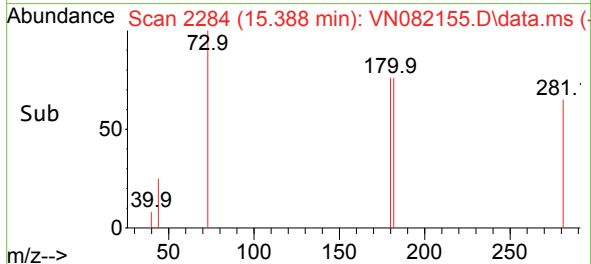
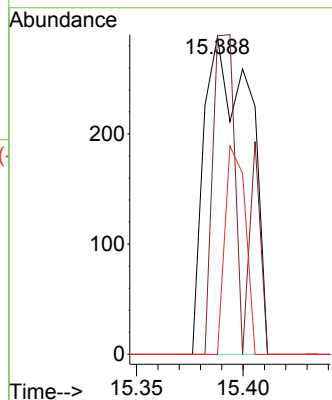
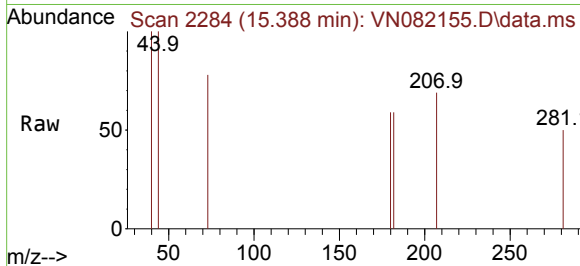




#93
1,2,4-Trichlorobenzene
Concen: 0.198 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

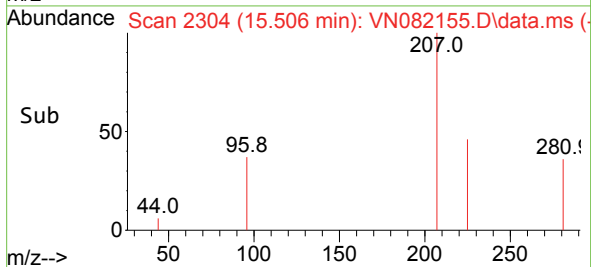
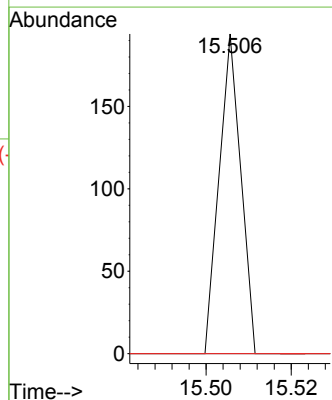
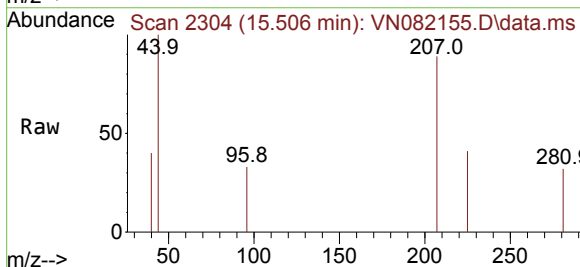
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

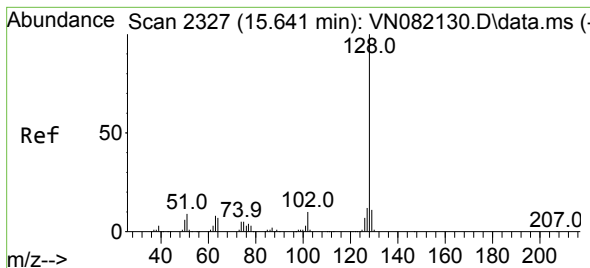
Tgt Ion:180 Resp: 427
Ion Ratio Lower Upper
180 100
182 63.7 46.7 140.0
145 29.3 16.2 48.6



#94
Hexachlorobutadiene
Concen: 0.072 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN082155.D
Acq: 16 May 2024 12:31

Tgt Ion:225 Resp: 68
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 30.6 91.6#





#95

Naphthalene

Concen: 0.207 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

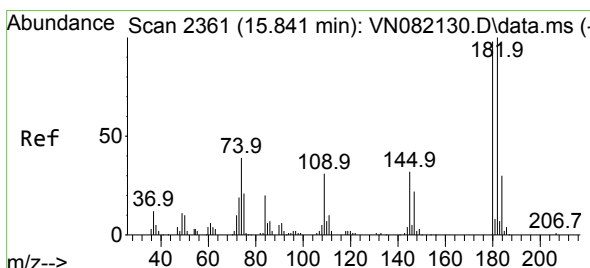
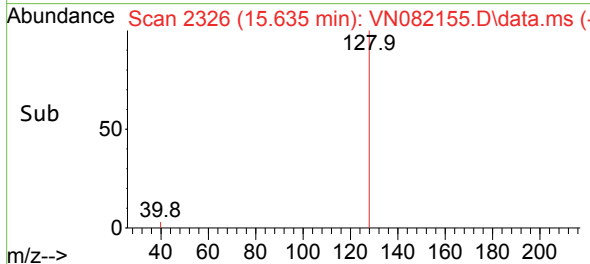
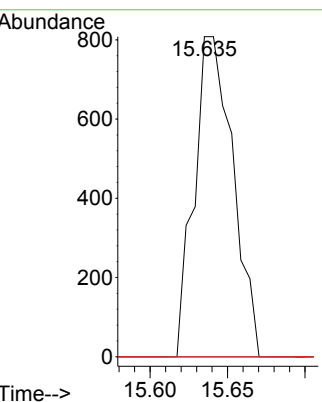
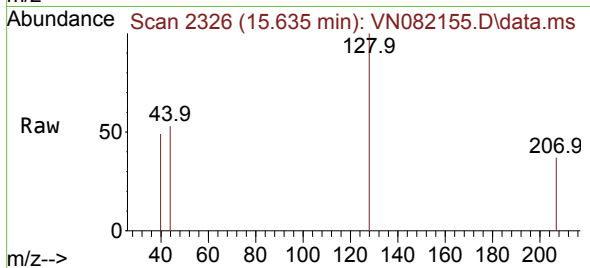
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:128	Resp:	1400
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.1 15.1#
129	0.0	8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.230 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082155.D

Acq: 16 May 2024 12:31

Tgt Ion:180	Resp:	496
Ion Ratio	Lower	Upper
180	100	
182	44.8	46.0 137.8#
145	19.8	17.1 51.3

