

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080822.D
 Acq On : 30 Jan 2024 18:23
 Operator : JC\MD
 Sample : P1187-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jan 31 03:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	101245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	176845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	63533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	96553	55.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.260%			
35) Dibromofluoromethane	8.171	113	68882	52.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	10.571	98	258725	50.019	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.853	95	80978	44.926	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	287	0.191	ug/l #	44
3) Chloromethane	2.365	50	2126	0.941	ug/l #	68
4) Vinyl Chloride	2.518	62	461	0.268	ug/l #	46
5) Bromomethane	2.942	94	73	0.106	ug/l #	6
6) Chloroethane	3.106	64	190	0.207	ug/l #	42
7) Trichlorofluoromethane	3.489	101	447	0.201	ug/l #	81
8) Diethyl Ether	3.959	74	71	0.069	ug/l #	1
10) Methyl Iodide	4.589	142	95	0.087	ug/l #	39
11) Tert butyl alcohol	5.500	59	186	0.651	ug/l #	72
12) 1,1-Dichloroethene	4.353	96	214	0.151	ug/l #	40
13) Acrolein	4.177	56	157	0.436	ug/l #	71
14) Allyl chloride	5.024	41	791	0.282	ug/l #	85
15) Acrylonitrile	5.706	53	230	0.268	ug/l #	18
16) Acetone	4.459	43	1842	2.900	ug/l #	44
17) Carbon Disulfide	4.712	76	1590	0.359	ug/l #	78
18) Methyl Acetate	5.012	43	614	0.277	ug/l #	80
19) Methyl tert-butyl Ether	5.795	73	858	0.171	ug/l #	53
20) Methylene Chloride	5.265	84	290	0.174	ug/l #	52
21) trans-1,2-Dichloroethene	5.777	96	214	0.139	ug/l #	19
22) Diisopropyl ether	6.677	45	902	0.146	ug/l #	78
23) Vinyl Acetate	6.606	43	3328	0.742	ug/l #	75
24) 1,1-Dichloroethane	6.577	63	243	0.077	ug/l #	85
25) 2-Butanone	7.506	43	1233	1.022	ug/l #	51
26) 2,2-Dichloropropane	7.494	77	415	0.163	ug/l #	53
27) cis-1,2-Dichloroethene	7.483	96	80	0.045	ug/l #	1
28) Bromochloromethane	7.806	49	68	0.041	ug/l #	1
29) Tetrahydrofuran	7.841	42	1126	1.379	ug/l #	48
30) Chloroform	7.959	83	306	0.105	ug/l #	18
31) Cyclohexane	8.277	56	464	0.154	ug/l #	23
32) 1,1,1-Trichloroethane	8.171	97	259	0.109	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	12504	5.090	ug/l #	46
37) Ethyl Acetate	7.571	43	514	0.203	ug/l #	70
38) Carbon Tetrachloride	8.224	117	13041	6.589	ug/l #	20
39) Methylcyclohexane	9.594	83	474	0.194	ug/l #	65
40) Benzene	8.618	78	2076	0.288	ug/l	93
41) Methacrylonitrile	7.783	41	420	0.282	ug/l #	36

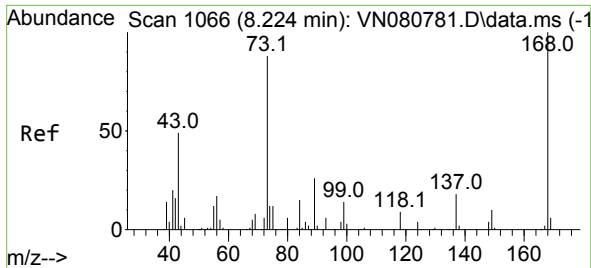
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.671	62	784	0.333	ug/l #	75
43) Isopropyl Acetate	8.694	43	650	0.141	ug/l #	81
44) Trichloroethene	9.347	130	183	0.115	ug/l	51
45) 1,2-Dichloropropane	9.624	63	335	0.171	ug/l #	42
46) Dibromomethane	9.724	93	74	0.064	ug/l #	1
47) Bromodichloromethane	9.888	83	436	0.185	ug/l #	23
48) Methyl methacrylate	9.677	41	295	0.132	ug/l #	37
51) 4-Methyl-2-Pentanone	10.453	43	2962	1.151	ug/l	95
52) Toluene	10.635	92	1037	0.251	ug/l	79
53) t-1,3-Dichloropropene	10.835	75	469	0.171	ug/l #	43
54) cis-1,3-Dichloropropene	10.306	75	654	0.220	ug/l #	53
55) 1,1,2-Trichloroethane	11.018	97	289	0.182	ug/l #	62
56) Ethyl methacrylate	10.877	69	197	0.081	ug/l #	65
57) 1,3-Dichloropropane	11.159	76	928	0.310	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.171	63	1183	0.830	ug/l #	55
59) 2-Hexanone	11.206	43	2178	1.089	ug/l	68
60) Dibromochloromethane	11.359	129	230	0.155	ug/l	85
61) 1,2-Dibromoethane	11.482	107	91	0.061	ug/l #	29
64) Tetrachloroethene	11.088	164	132	0.114	ug/l #	1
65) Chlorobenzene	11.900	112	1114	0.289	ug/l #	79
66) 1,1,1,2-Tetrachloroethane	11.965	131	173	0.138	ug/l #	44
67) Ethyl Benzene	11.965	91	1334	0.186	ug/l #	85
68) m/p-Xylenes	12.071	106	1328	0.521	ug/l #	72
69) o-Xylene	12.406	106	396	0.156	ug/l	32
70) Styrene	12.418	104	694	0.171	ug/l #	85
71) Bromoform	12.582	173	55	0.065	ug/l #	30
73) Isopropylbenzene	12.700	105	1410	0.242	ug/l	87
74) N-amyl acetate	12.500	43	802	0.222	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.941	83	362	0.177	ug/l #	69
76) 1,2,3-Trichloropropane	12.847	75	48389	25.253	ug/l #	1
77) Bromobenzene	12.976	156	186	0.150	ug/l	44
78) n-propylbenzene	13.029	91	1629	0.234	ug/l #	65
79) 2-Chlorotoluene	13.129	91	975	0.221	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.170	105	1220	0.263	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.847	75	48389	65.057	ug/l #	14
82) 4-Chlorotoluene	13.218	91	1358	0.310	ug/l #	59
83) tert-Butylbenzene	13.435	119	648	0.175	ug/l #	84
84) 1,2,4-Trimethylbenzene	13.488	105	1407	0.300	ug/l #	63
85) sec-Butylbenzene	13.612	105	1336	0.245	ug/l	83
86) p-Isopropyltoluene	13.729	119	1054	0.249	ug/l #	55
87) 1,3-Dichlorobenzene	13.735	146	851	0.383	ug/l	88
88) 1,4-Dichlorobenzene	13.735	146	851	0.382	ug/l	90
89) n-Butylbenzene	14.059	91	1215	0.293	ug/l #	66
90) Hexachloroethane	14.329	117	81	0.109	ug/l #	21
91) 1,2-Dichlorobenzene	14.112	146	323	0.159	ug/l #	44
92) 1,2-Dibromo-3-Chloropr...	14.712	75	60	0.157	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.394	180	116	0.111	ug/l #	52
95) Naphthalene	15.641	128	930	0.232	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.841	180	246	0.239	ug/l	90

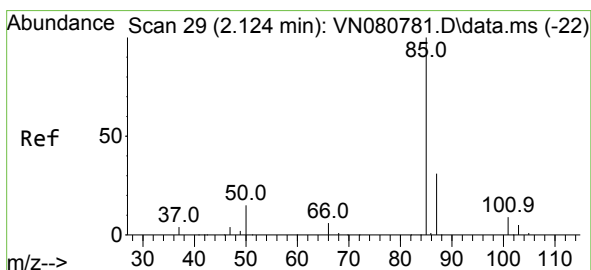
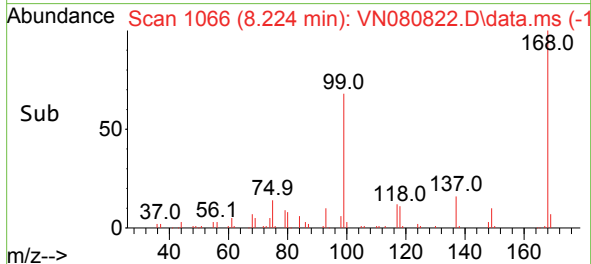
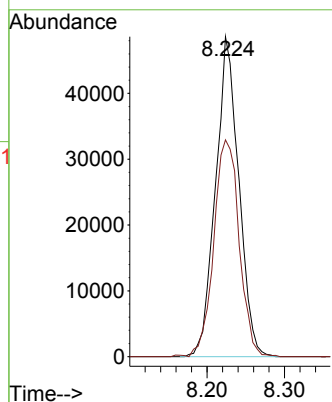
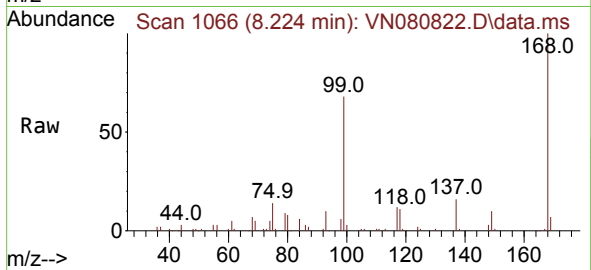
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

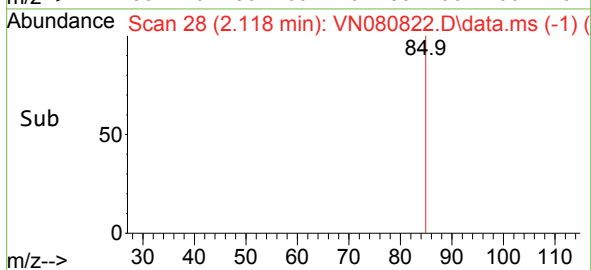
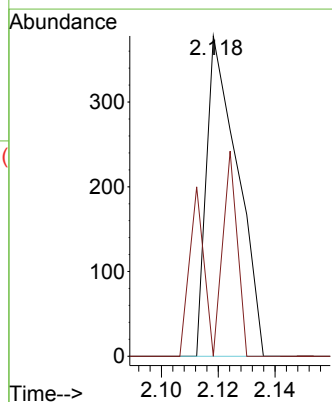
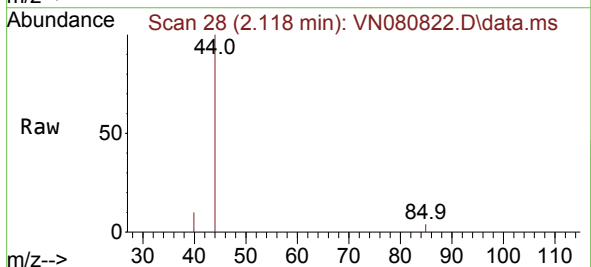
Instrument :
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ClientSampleId :
MDL-WATER-03-QT1-2024

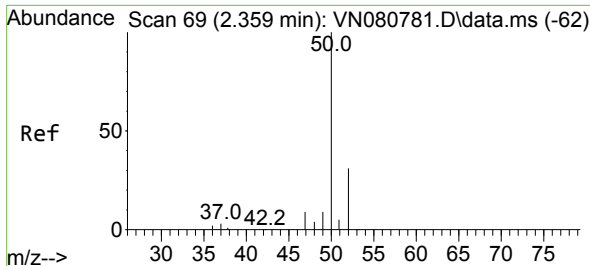
Tgt Ion:168 Resp: 101245
Ion Ratio Lower Upper
168 100
99 67.7 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 0.191 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 85 Resp: 287
Ion Ratio Lower Upper
85 100
87 0.0 15.3 45.9#





#3

Chloromethane

Concen: 0.941 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

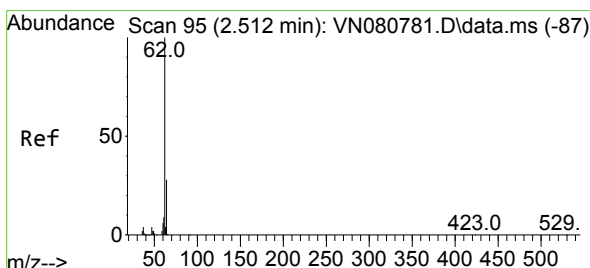
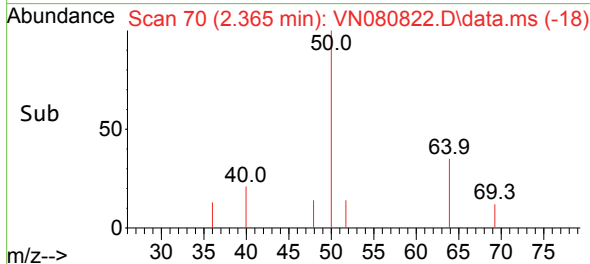
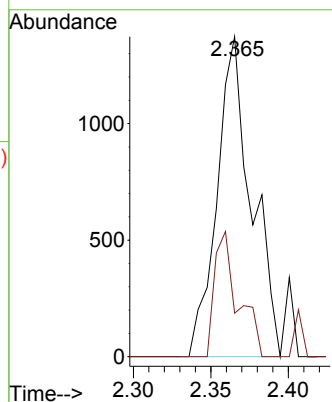
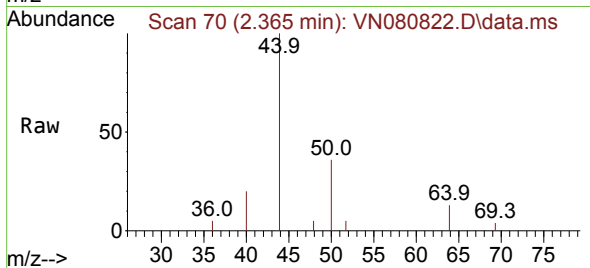
MDL-WATER-03-QT1-2024

Tgt Ion: 50 Resp: 2126

Ion Ratio Lower Upper

50 100

52 13.6 25.0 37.4#



#4

Vinyl Chloride

Concen: 0.268 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN080822.D

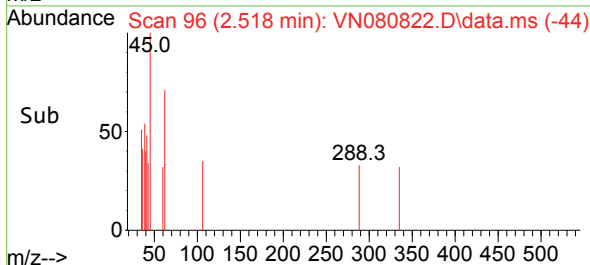
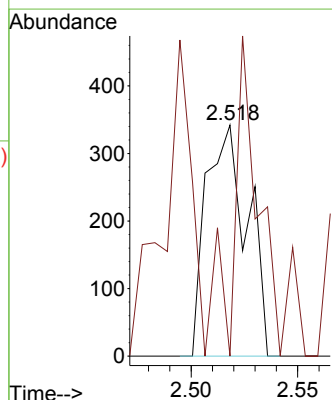
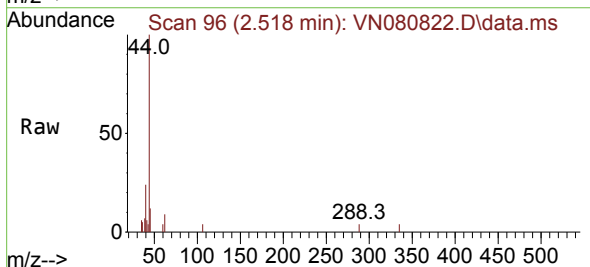
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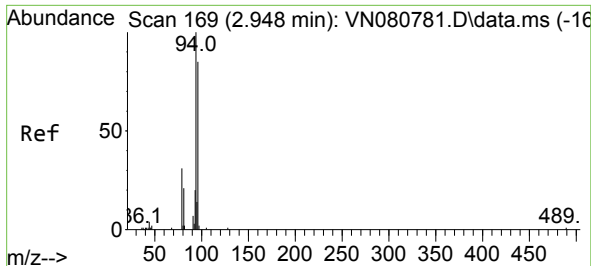
Tgt Ion: 62 Resp: 461

Ion Ratio Lower Upper

62 100

64 0.0 22.7 34.1#

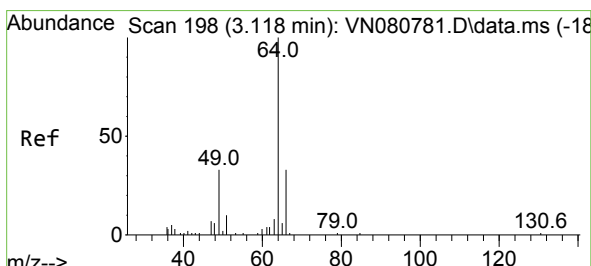
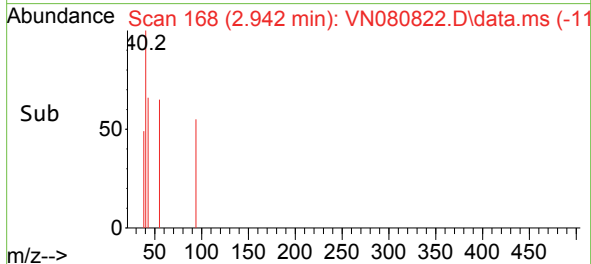
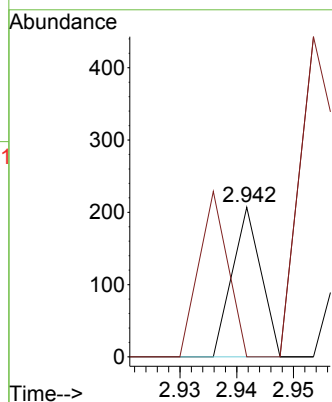
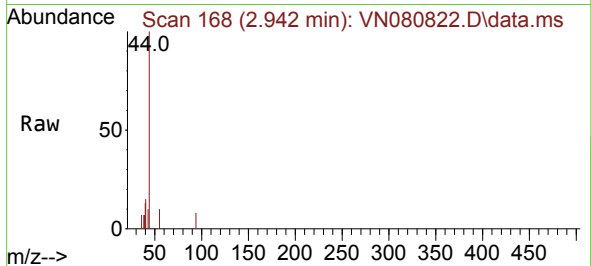




#5
Bromomethane
Concen: 0.106 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

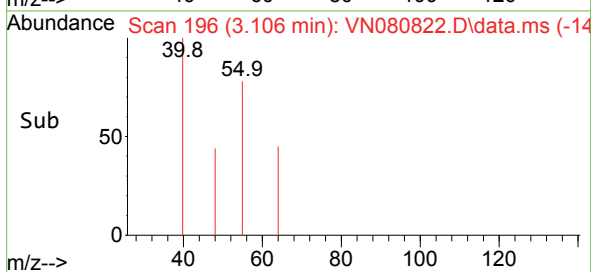
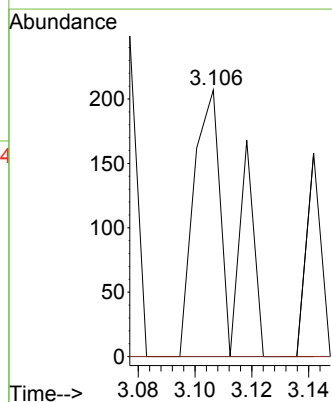
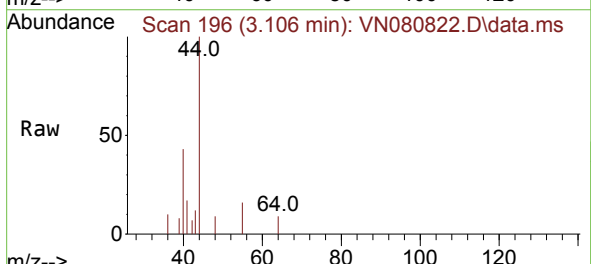
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ClientSampleId :
MDL-WATER-03-QT1-2024

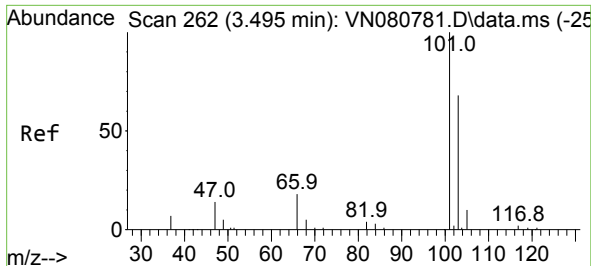
Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#



#6
Chloroethane
Concen: 0.207 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

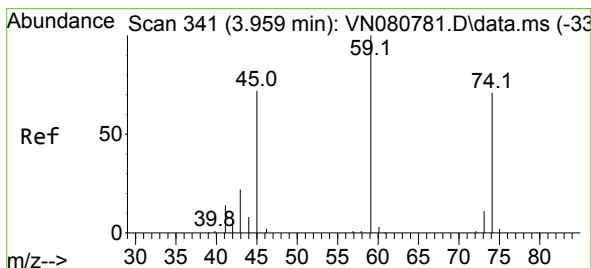
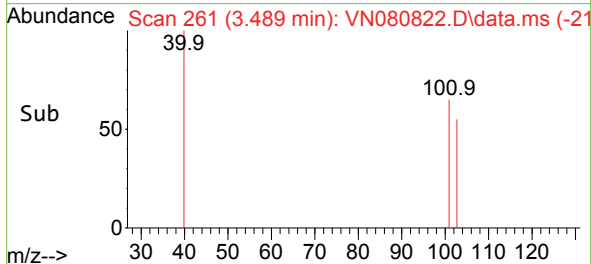
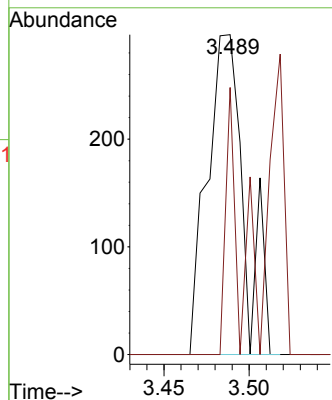
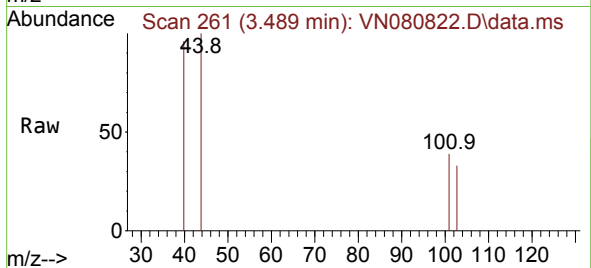




#7
 Trichlorofluoromethane
 Concen: 0.201 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN080822.D
 Acq: 30 Jan 2024 18:23

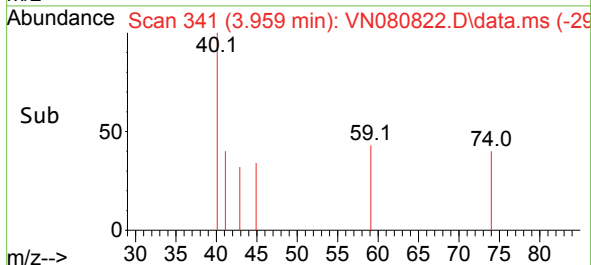
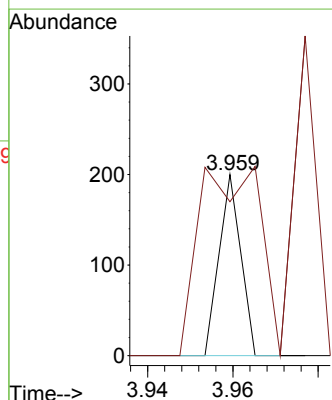
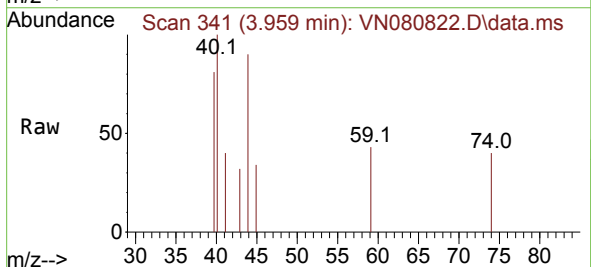
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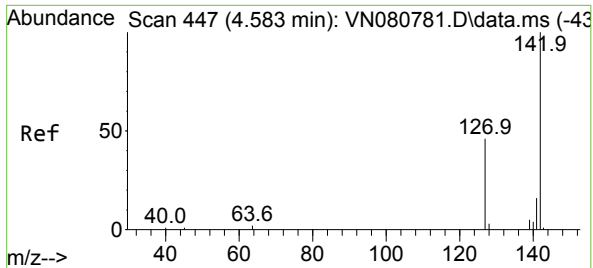
Tgt Ion:101 Resp: 447
 Ion Ratio Lower Upper
 101 100
 103 83.5 54.4 81.6#



#8
 Diethyl Ether
 Concen: 0.069 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080822.D
 Acq: 30 Jan 2024 18:23

Tgt Ion: 74 Resp: 71
 Ion Ratio Lower Upper
 74 100
 45 291.5 53.3 159.9#

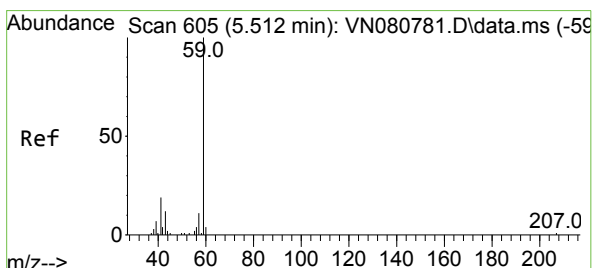
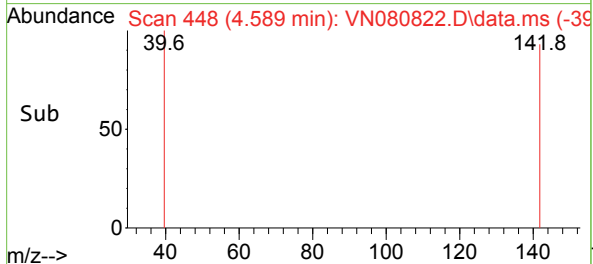
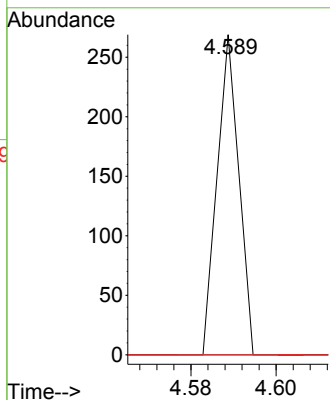
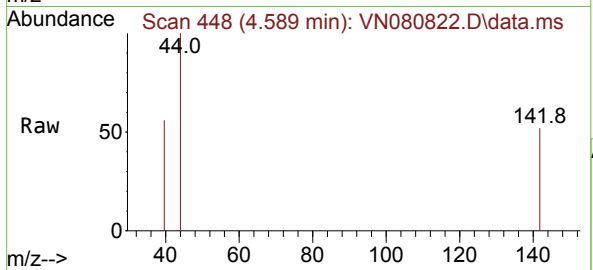




#10
Methyl Iodide
Concen: 0.087 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

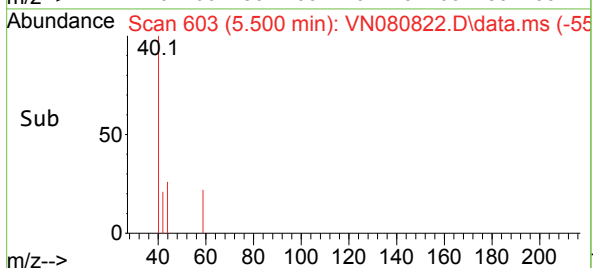
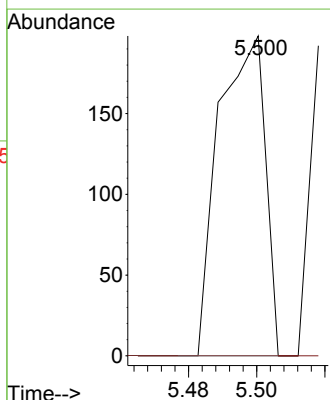
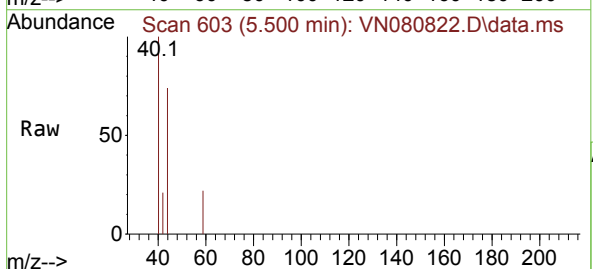
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

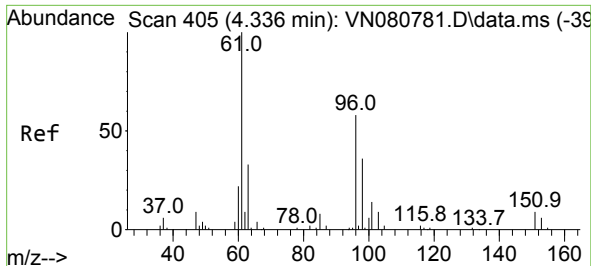
Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#



#11
Tert butyl alcohol
Concen: 0.651 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#12

1,1-Dichloroethene

Concen: 0.151 ug/l

RT: 4.353 min Scan# 405

Delta R.T. 0.018 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

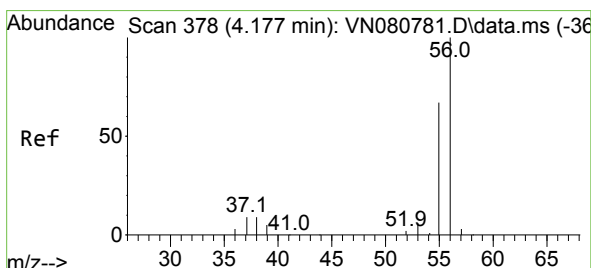
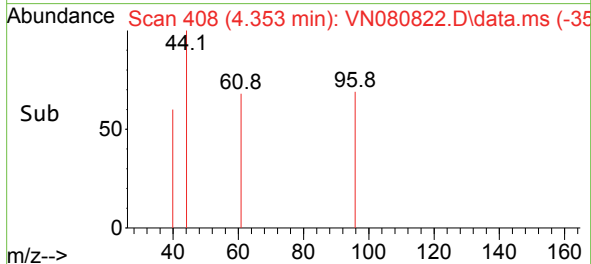
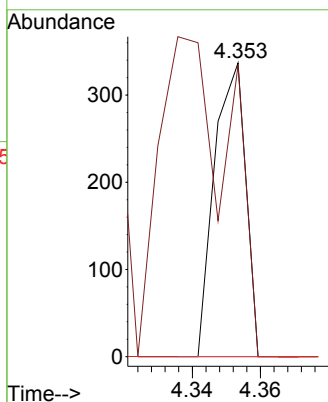
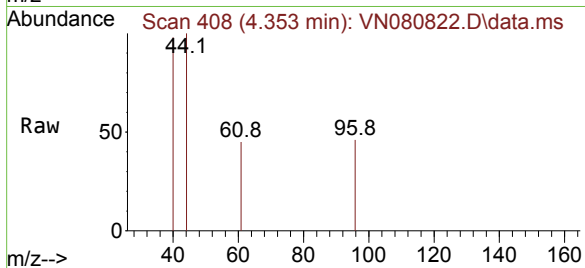
Tgt Ion: 96 Resp: 214

Ion Ratio Lower Upper

96 100

61 99.1 138.2 207.4#

98 0.0 49.2 73.8#



#13

Acrolein

Concen: 0.436 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN080822.D

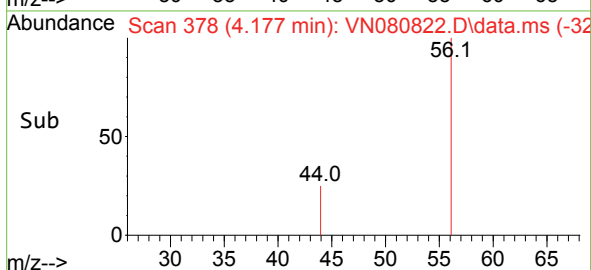
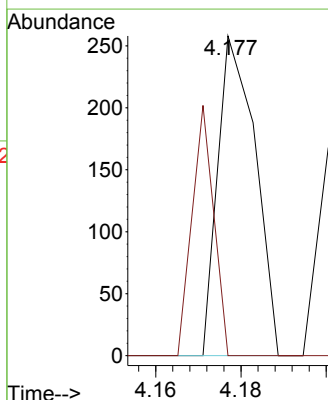
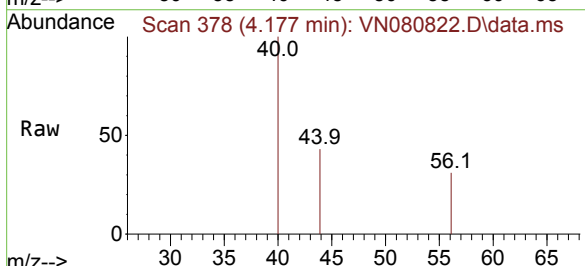
Acq: 30 Jan 2024 18:23

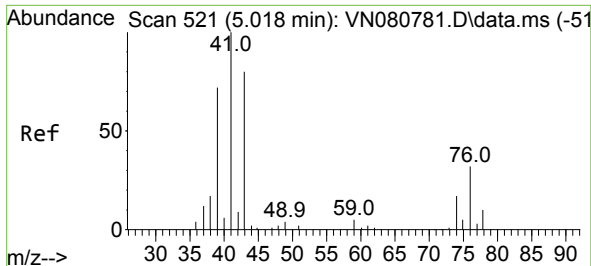
Tgt Ion: 56 Resp: 157

Ion Ratio Lower Upper

56 100

55 45.2 55.3 82.9#





#14

Allyl chloride

Concen: 0.282 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

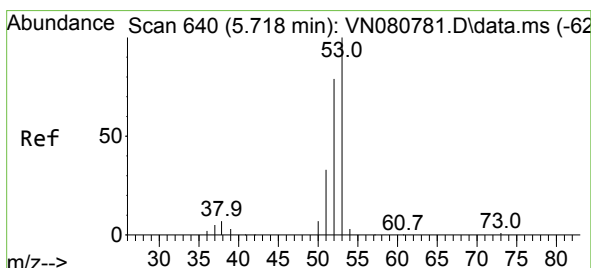
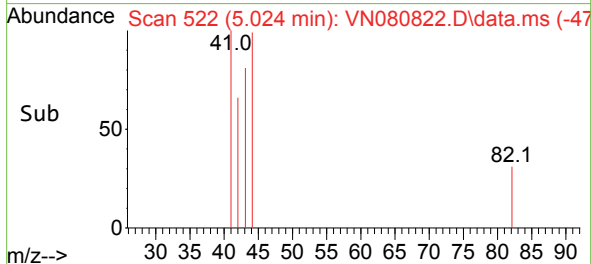
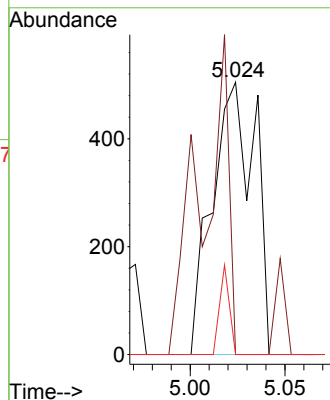
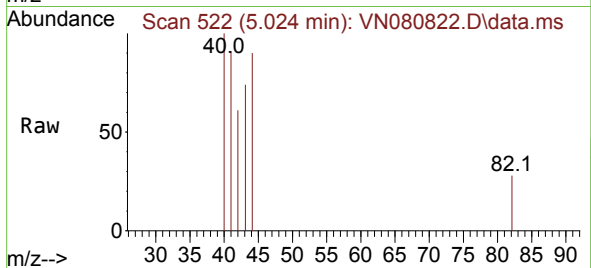
Tgt Ion: 41 Resp: 791

Ion Ratio Lower Upper

41 100

39 73.1 57.7 86.5

76 7.5 26.8 40.2#



#15

Acrylonitrile

Concen: 0.268 ug/l

RT: 5.706 min Scan# 638

Delta R.T. -0.012 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

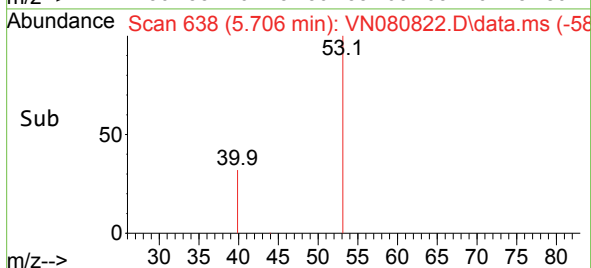
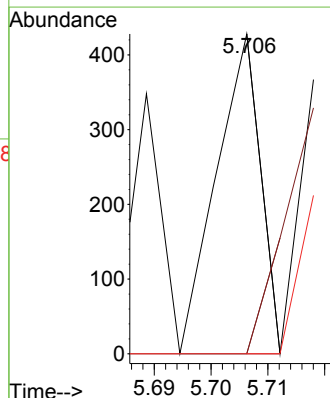
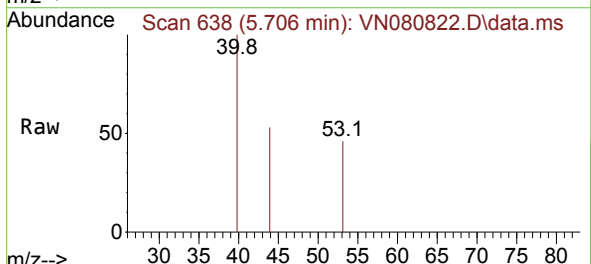
Tgt Ion: 53 Resp: 230

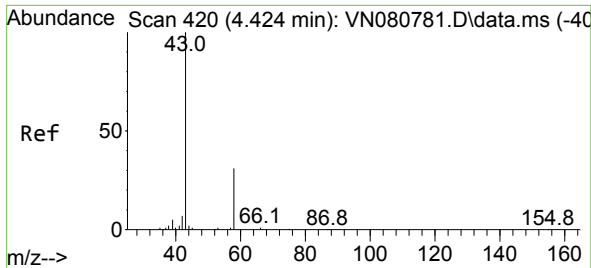
Ion Ratio Lower Upper

53 100

52 0.0 64.8 97.2#

51 0.0 26.9 40.3#

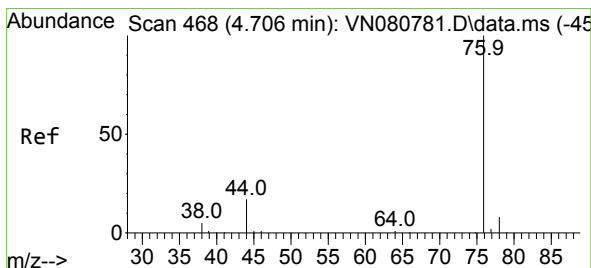
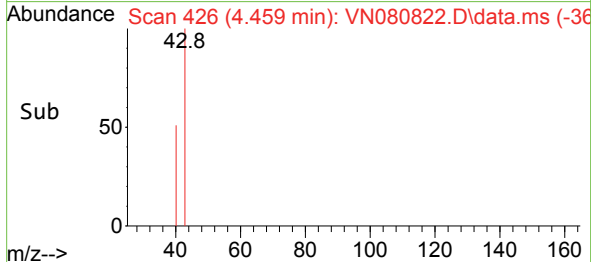
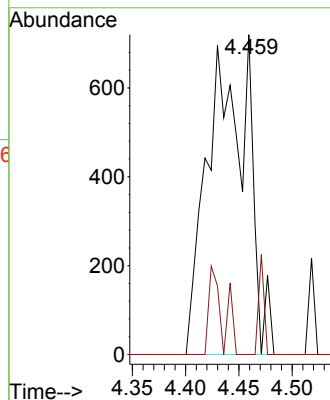
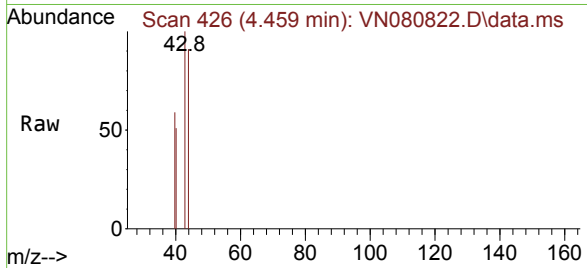




#16
Acetone
Concen: 2.900 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.035 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

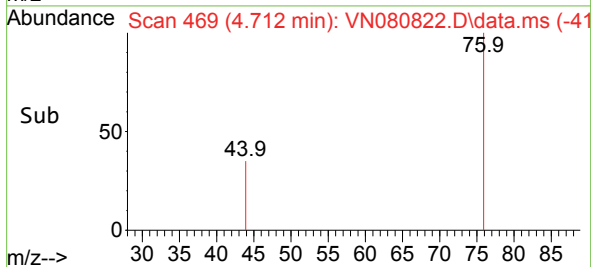
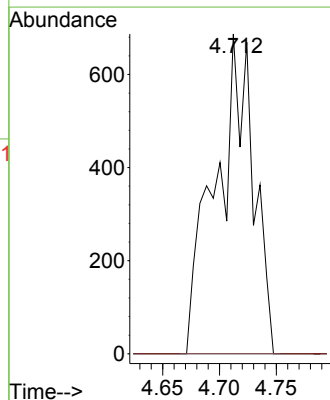
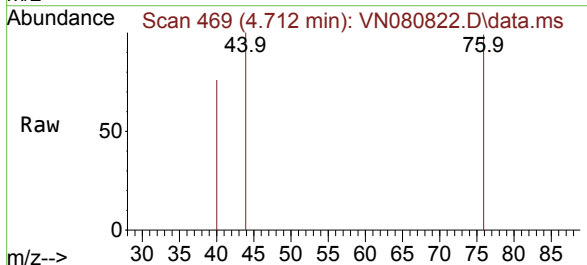
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

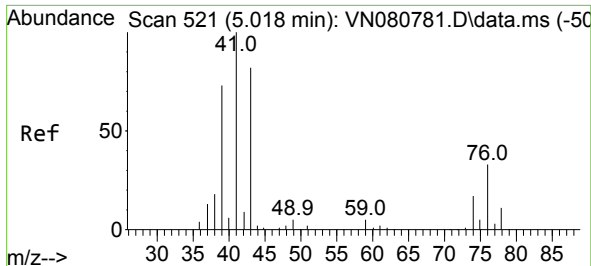
Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.359 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 76 Resp: 1590
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#

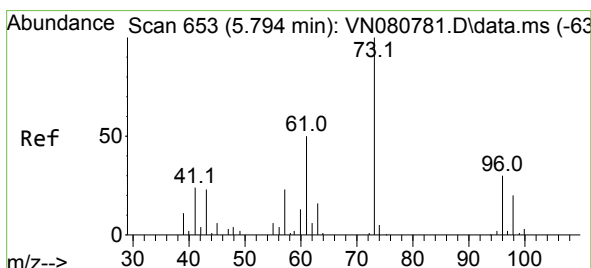
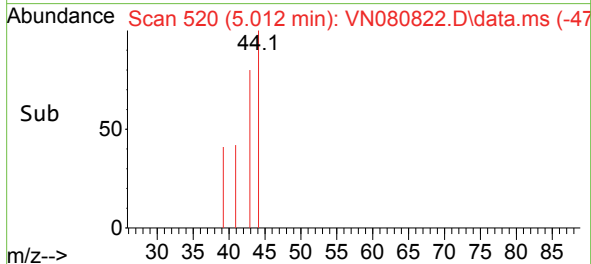
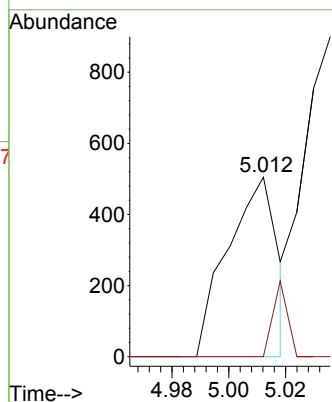
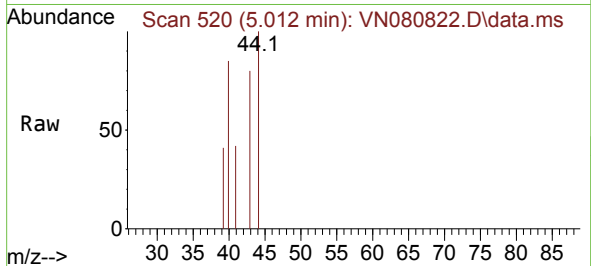




#18
Methyl Acetate
Concen: 0.277 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

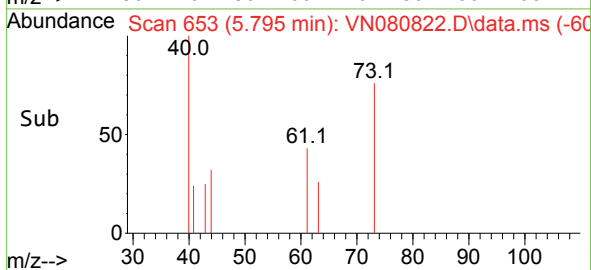
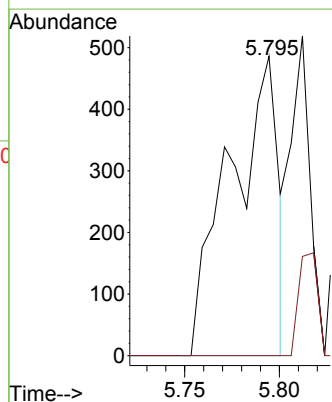
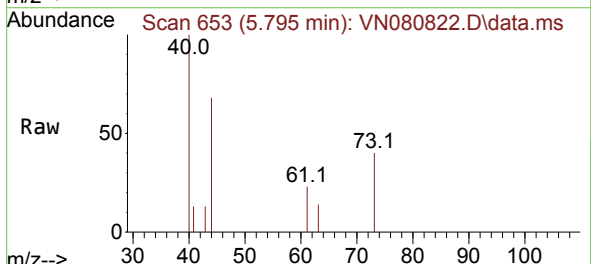
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

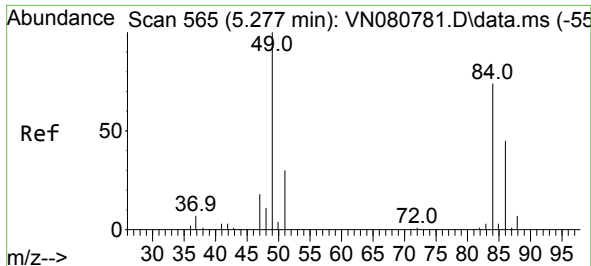
Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
74 12.2 17.3 25.9#



#19
Methyl tert-butyl Ether
Concen: 0.171 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

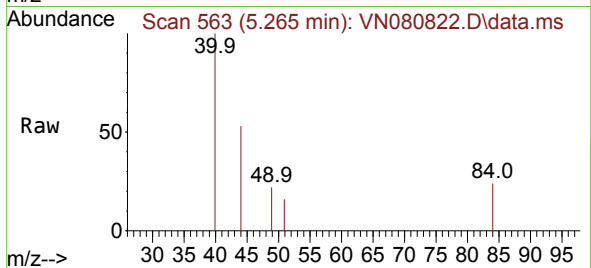
Tgt Ion: 73 Resp: 858
Ion Ratio Lower Upper
73 100
57 0.0 18.2 27.4#



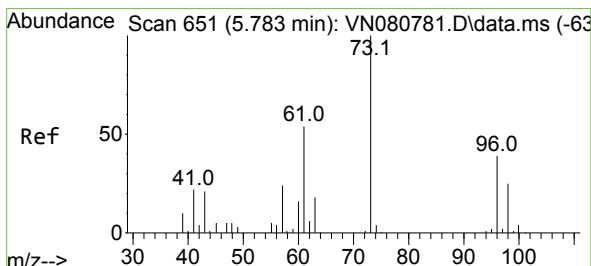
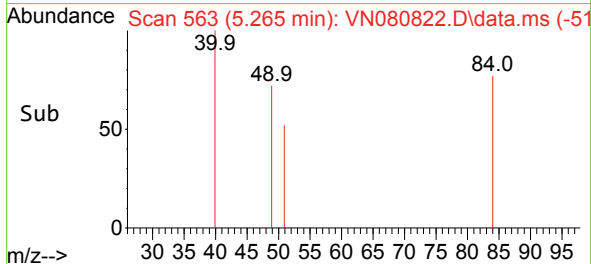
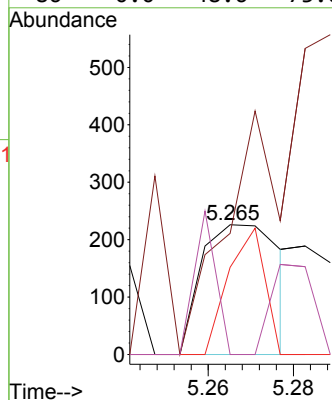


#20
Methylene Chloride
Concen: 0.174 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

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

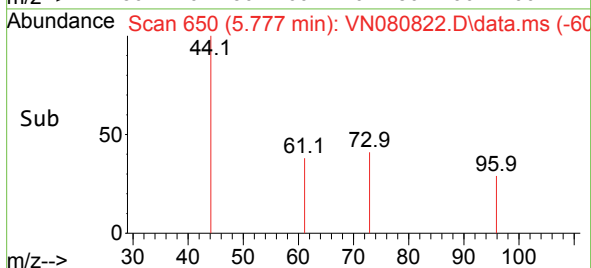
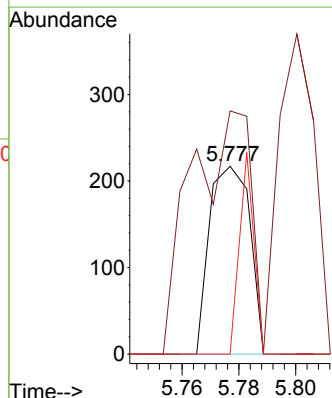
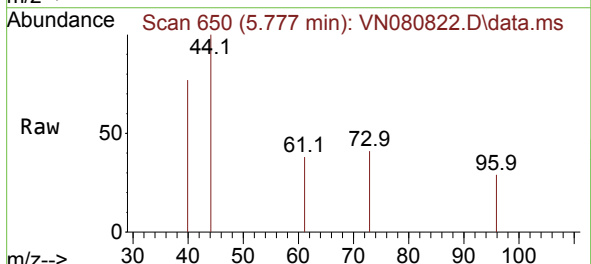


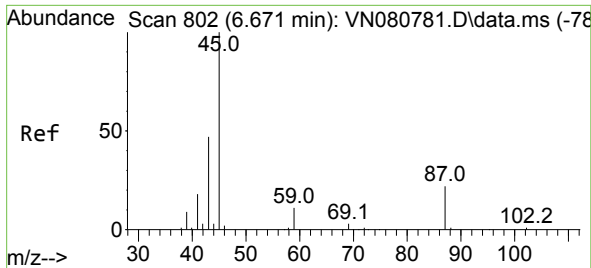
Tgt Ion: 84	Resp: 290
Ion Ratio	Lower Upper
84 100	
49 93.4	108.1 162.1#
51 67.3	32.9 49.3#
86 0.0	48.6 73.0#



#21
trans-1,2-Dichloroethene
Concen: 0.139 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 96	Resp: 214		
Ion Ratio	Lower	Upper	
96 100			
61 42.9	112.8	169.2#	
98 0.0	51.0	76.4#	

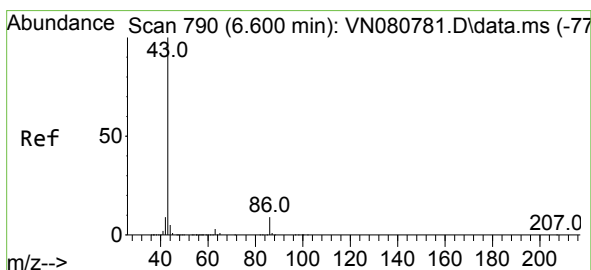
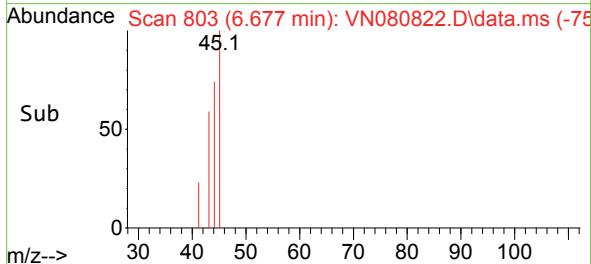
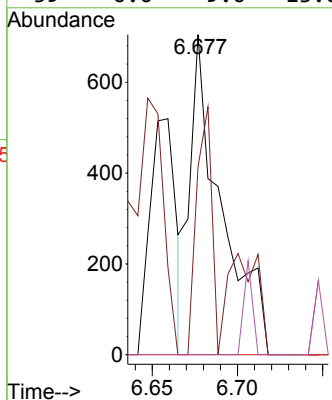
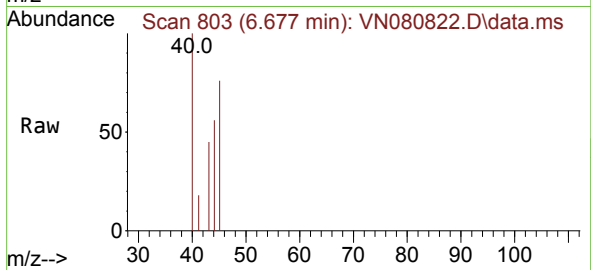




#22
Diisopropyl ether
Concen: 0.146 ug/l
RT: 6.677 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

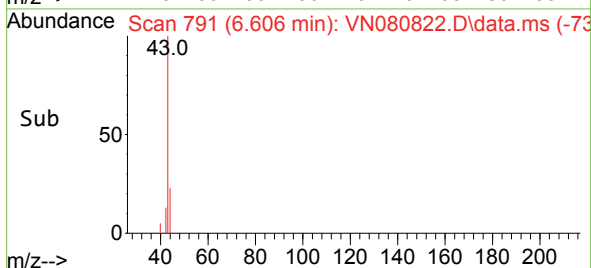
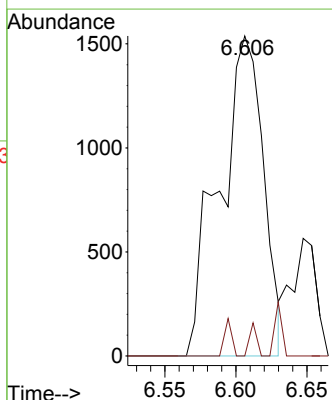
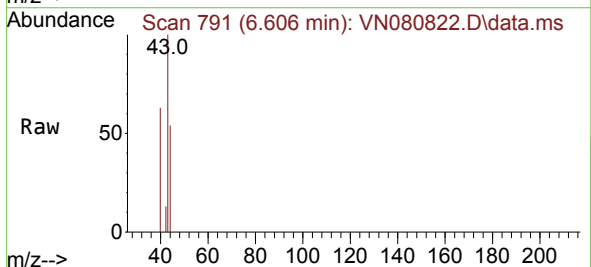
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

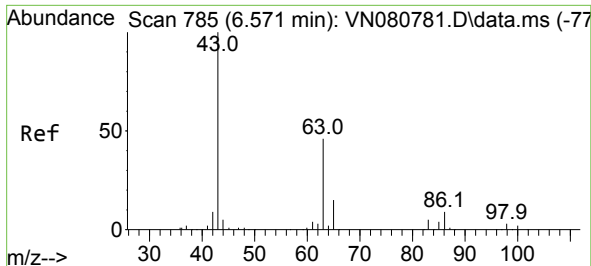
Tgt Ion:	45	Resp:	902
Ion	Ratio	Lower	Upper
45	100		
43	58.7	41.8	62.8
87	0.0	18.1	27.1#
59	0.0	9.0	13.6#



#23
Vinyl Acetate
Concen: 0.742 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion:	43	Resp:	3328
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

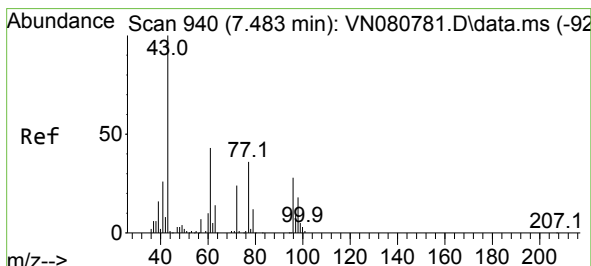
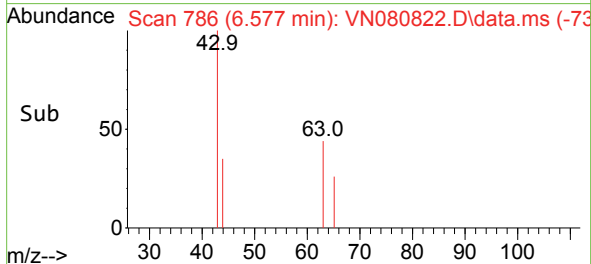
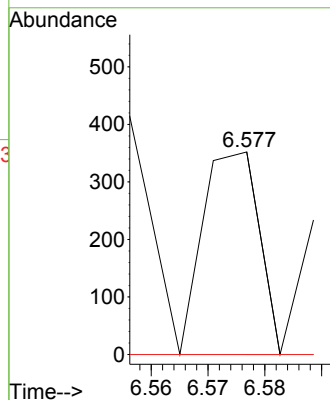
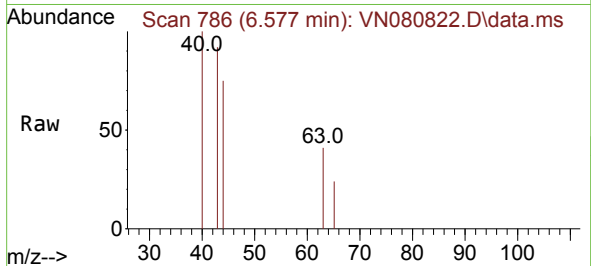




#24
1,1-Dichloroethane
Concen: 0.077 ug/l
RT: 6.577 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

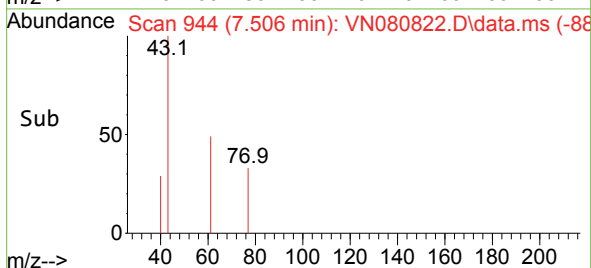
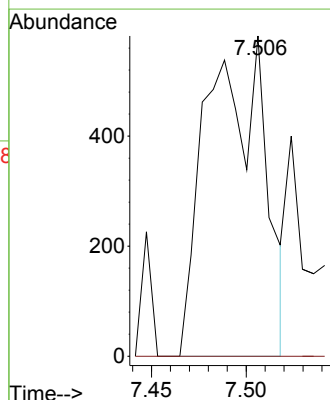
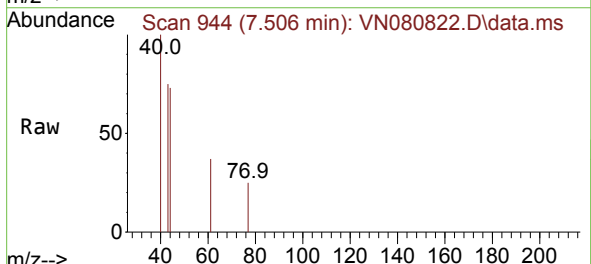
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

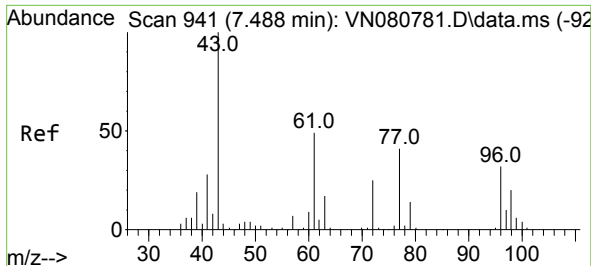
Tgt Ion: 63 Resp: 243
Ion Ratio Lower Upper
63 100
98 0.0 2.9 8.6#
100 0.0 1.9 5.7#



#25
2-Butanone
Concen: 1.022 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.024 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#

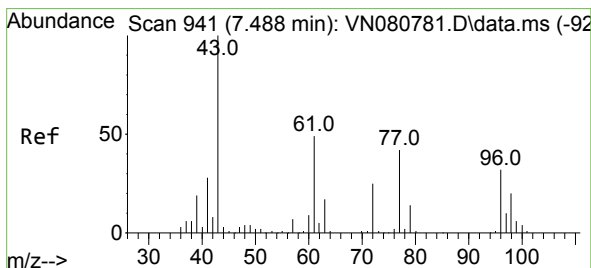
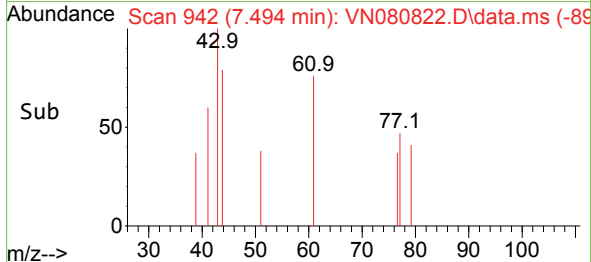
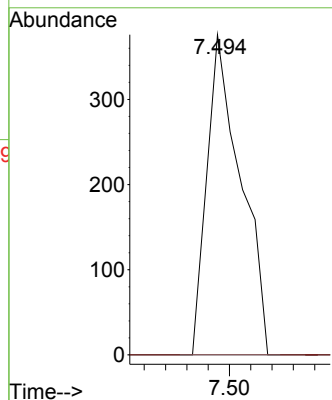
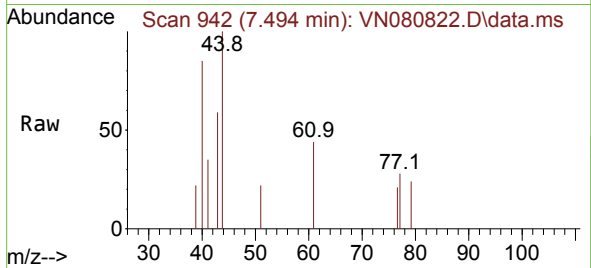




#26
2,2-Dichloropropane
Concen: 0.163 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

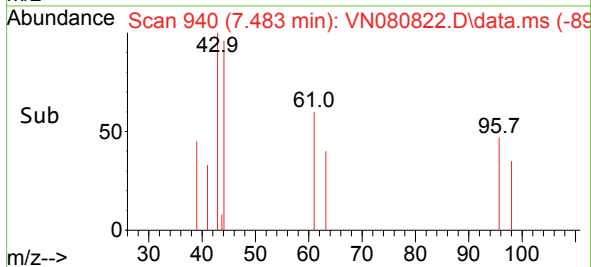
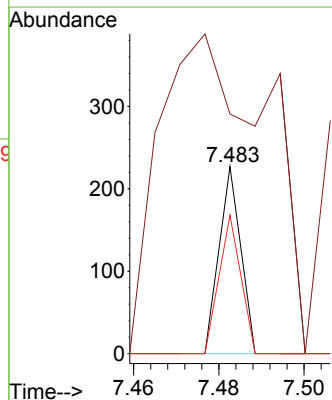
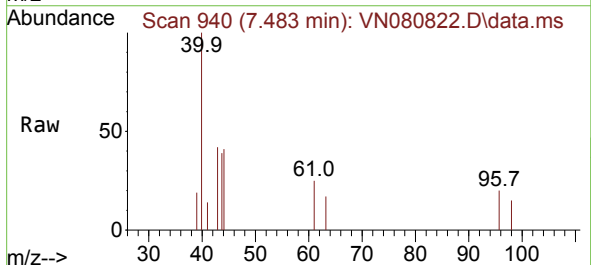
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

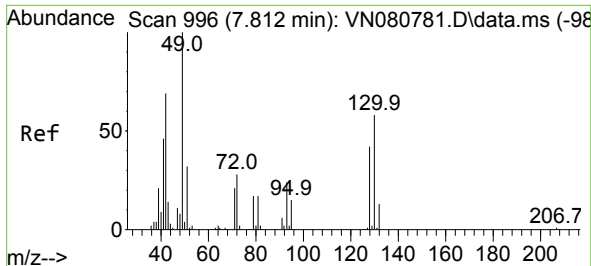
Tgt Ion: 77 Resp: 415
Ion Ratio Lower Upper
77 100
97 0.0 11.5 34.5#



#27
cis-1,2-Dichloroethene
Concen: 0.045 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

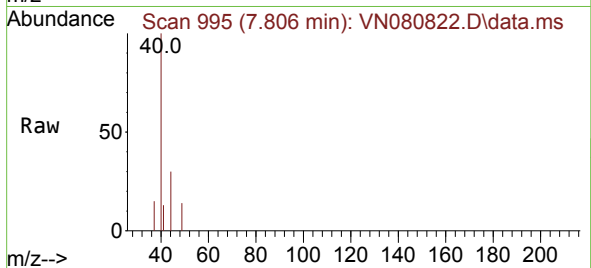
Tgt Ion: 96 Resp: 80
Ion Ratio Lower Upper
96 100
61 968.8 0.0 325.4#
98 73.8 0.0 130.4



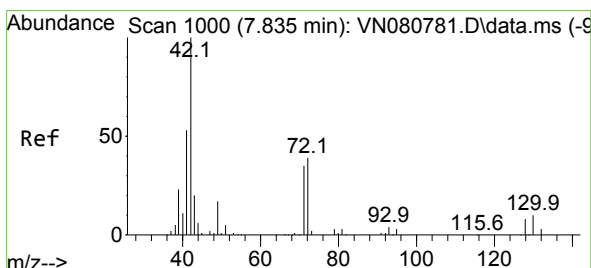
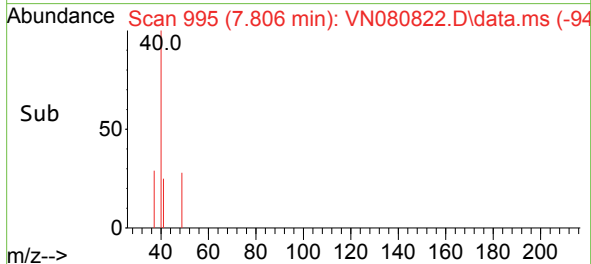
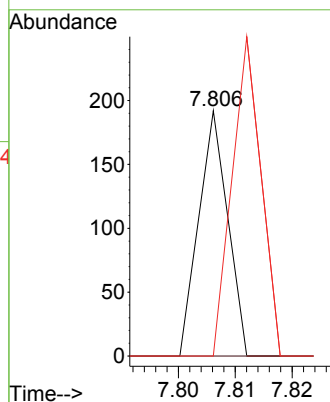


#28
Bromochloromethane
Concen: 0.041 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

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

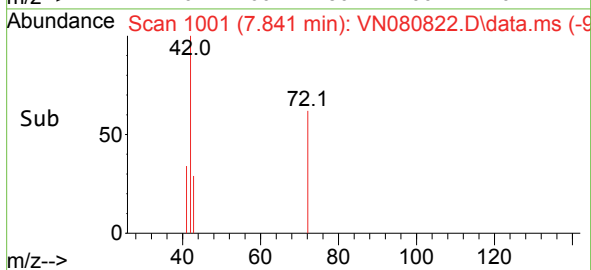
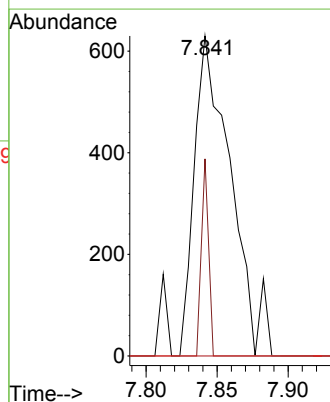
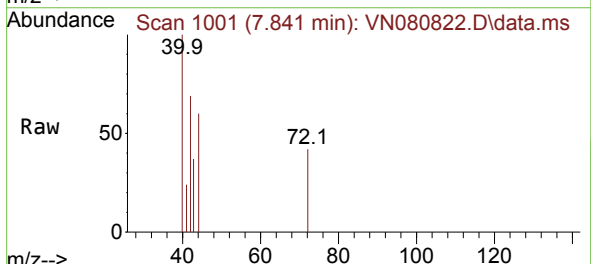


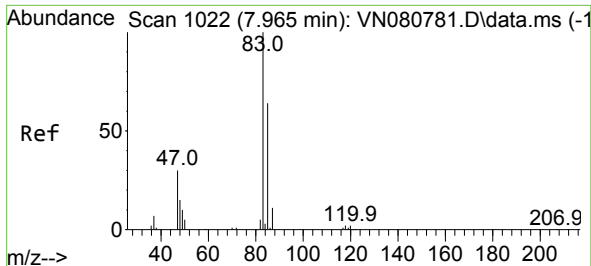
Tgt Ion: 49 Resp: 68
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 129.4 42.3 63.5#



#29
Tetrahydrofuran
Concen: 1.379 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 42 Resp: 1126
Ion Ratio Lower Upper
42 100
72 12.2 31.1 46.7#
71 0.0 28.3 42.5#

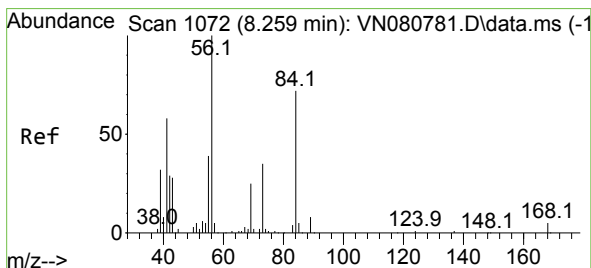
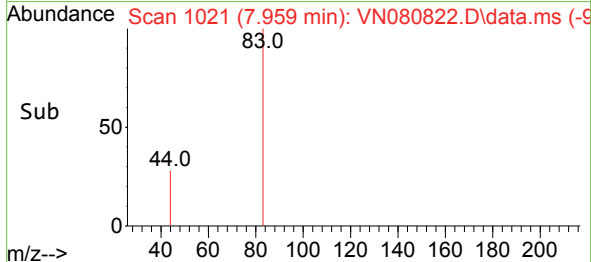
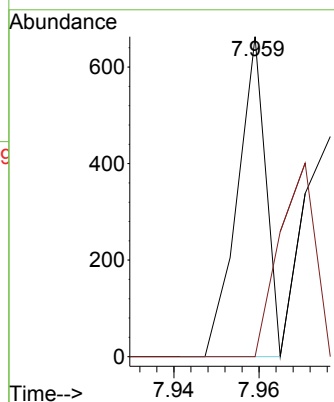
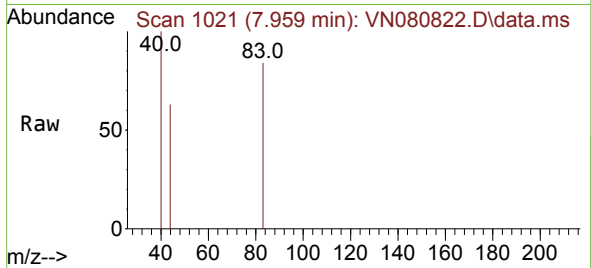




#30
Chloroform
Concen: 0.105 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

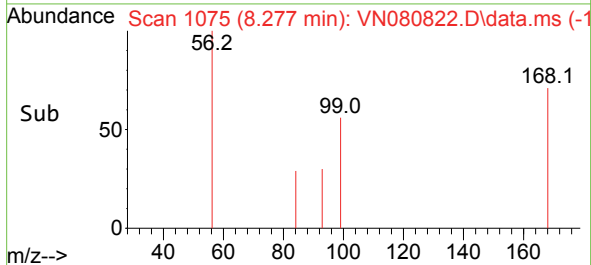
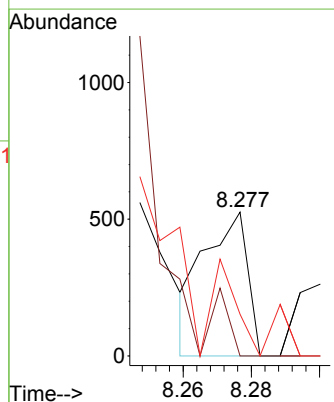
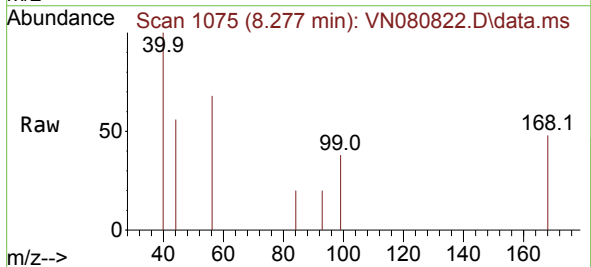
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

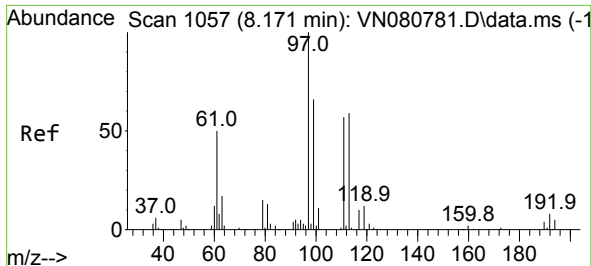
Tgt Ion: 83 Resp: 306
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.6#



#31
Cyclohexane
Concen: 0.154 ug/l
RT: 8.277 min Scan# 1075
Delta R.T. 0.018 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 56 Resp: 464
Ion Ratio Lower Upper
56 100
69 0.0 20.1 30.1#
84 0.0 56.9 85.3#





#32

1,1,1-Trichloroethane

Concen: 0.109 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

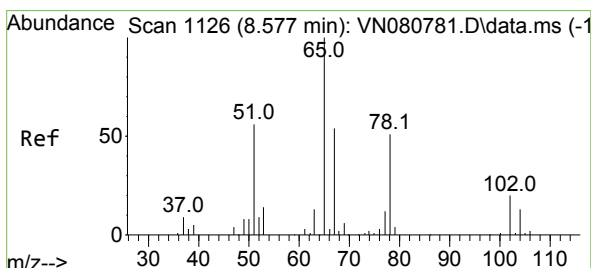
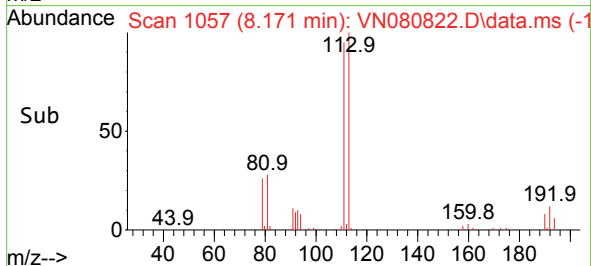
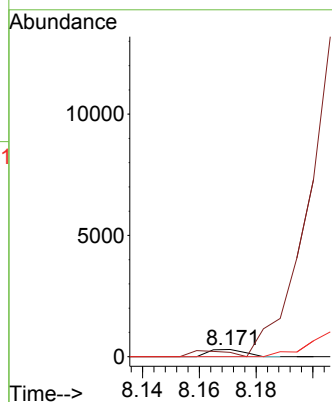
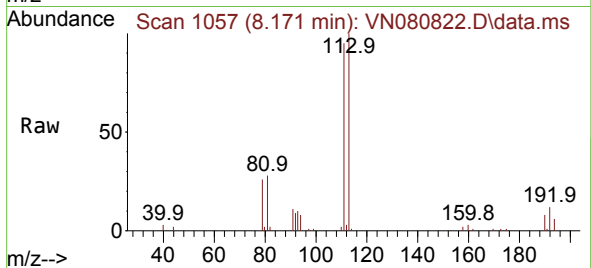
Tgt Ion: 97 Resp: 259

Ion Ratio Lower Upper

97 100

99 0.0 53.4 80.0#

61 0.0 43.8 65.8#



#33

1,2-Dichloroethane-d4

Concen: 55.125 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080822.D

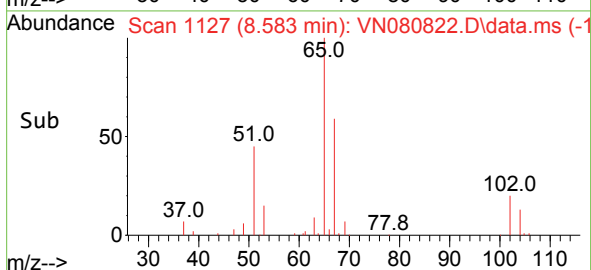
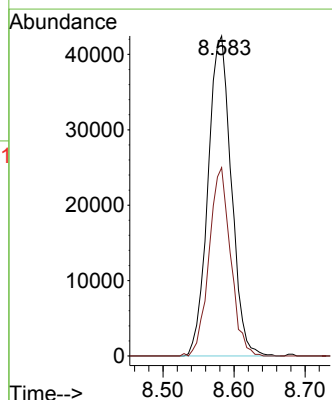
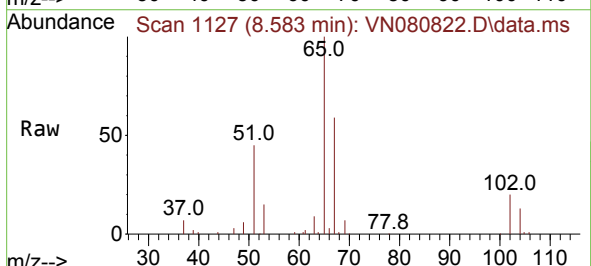
Acq: 30 Jan 2024 18:23

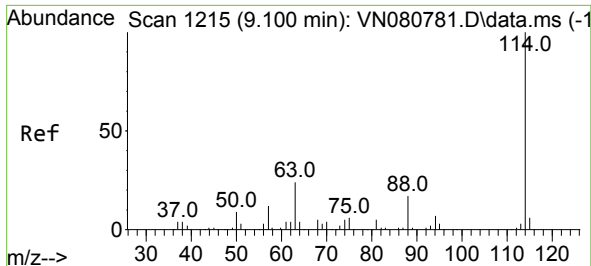
Tgt Ion: 65 Resp: 96553

Ion Ratio Lower Upper

65 100

67 54.5 0.0 102.4

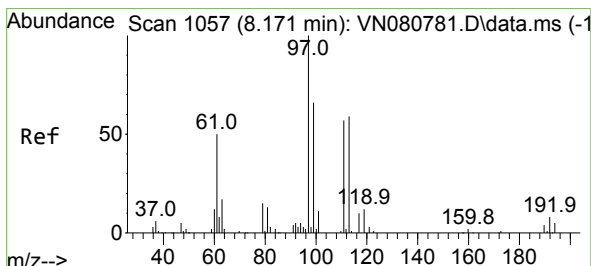
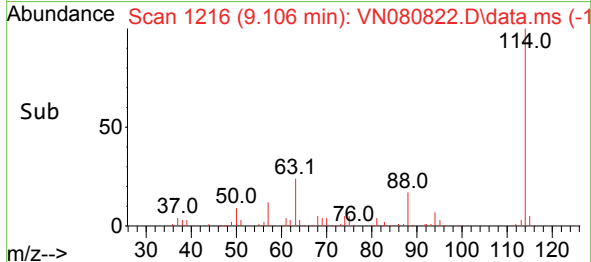
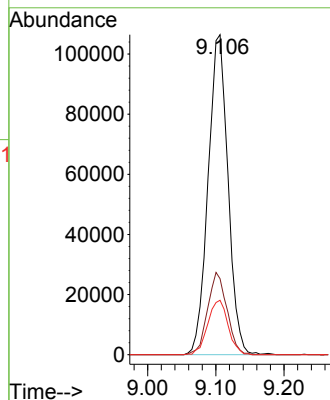
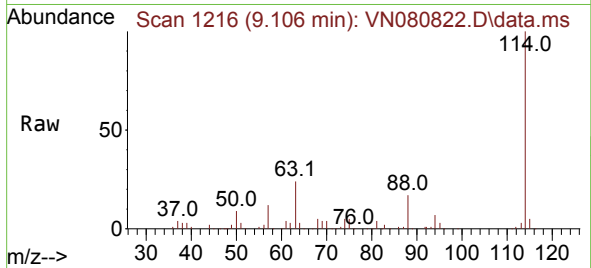




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

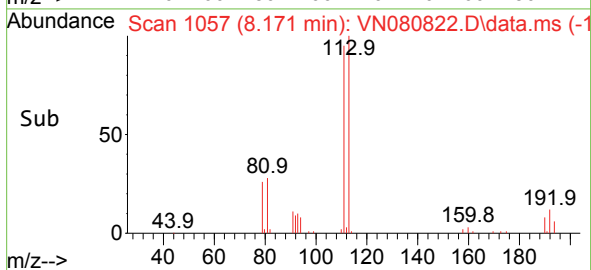
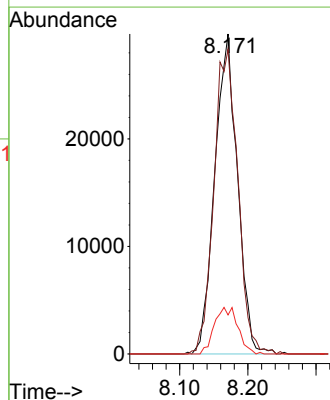
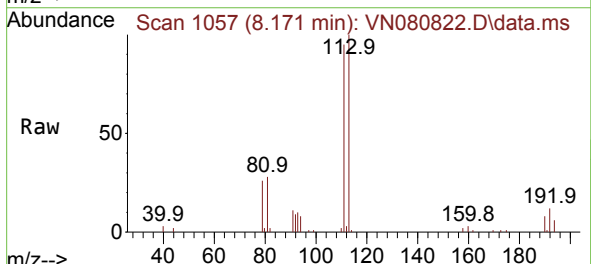
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

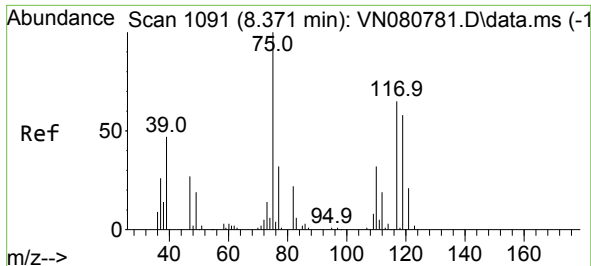
Tgt Ion:114 Resp: 216012
Ion Ratio Lower Upper
114 100
63 23.8 0.0 48.0
88 17.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.121 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

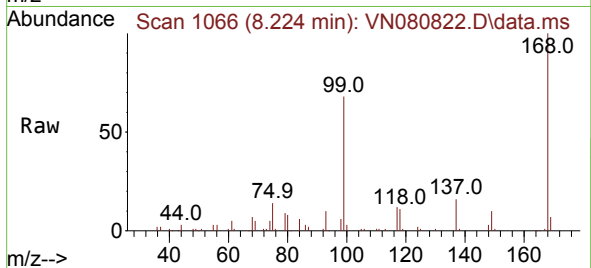
Tgt Ion:113 Resp: 68882
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 15.2 12.5 18.7



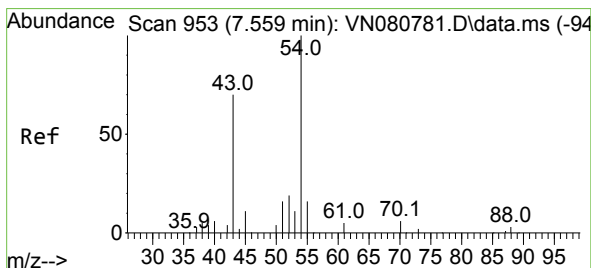
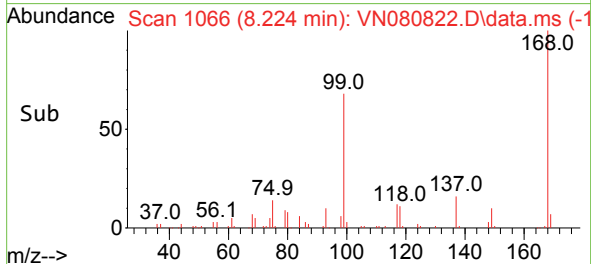
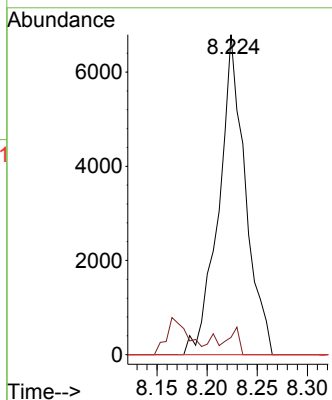


#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

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

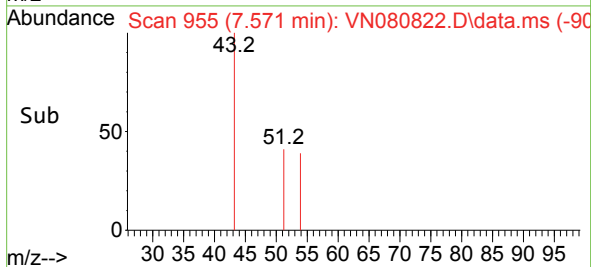
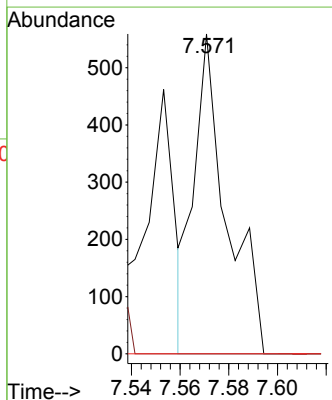
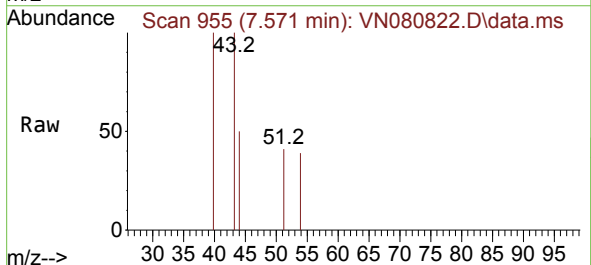


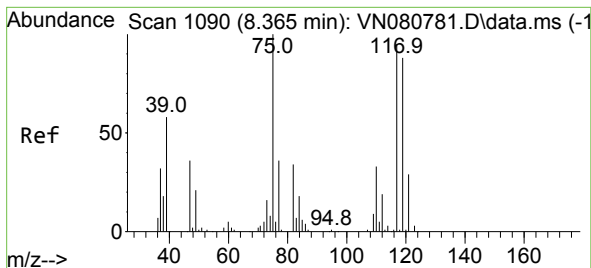
Tgt Ion: 75 Resp: 12504
Ion Ratio Lower Upper
75 100
110 3.5 16.0 48.0#
77 0.0 25.8 38.6#



#37
Ethyl Acetate
Concen: 0.203 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 6.589 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN080822.D

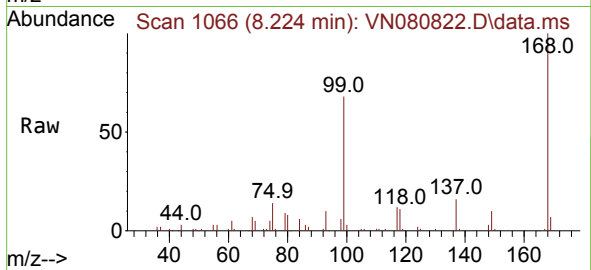
Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



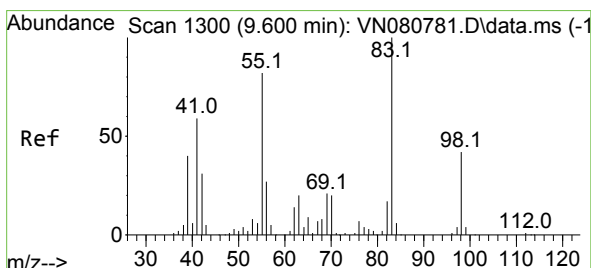
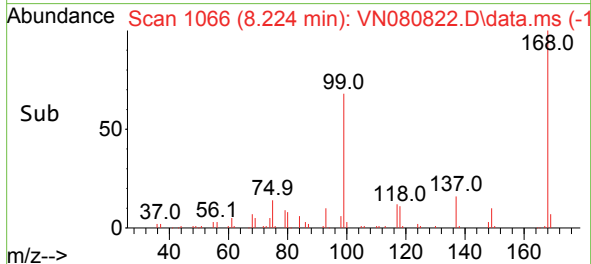
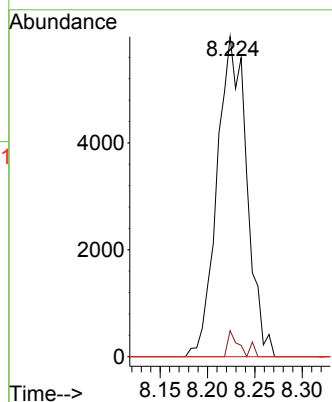
Tgt Ion:117 Resp: 13041

Ion Ratio Lower Upper

117 100

119 8.2 73.4 110.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.194 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

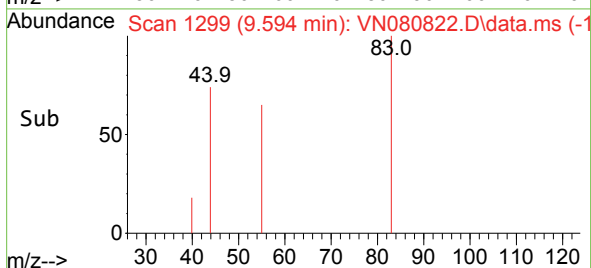
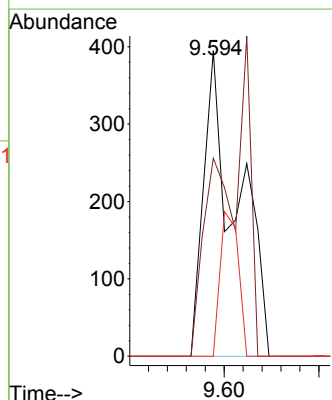
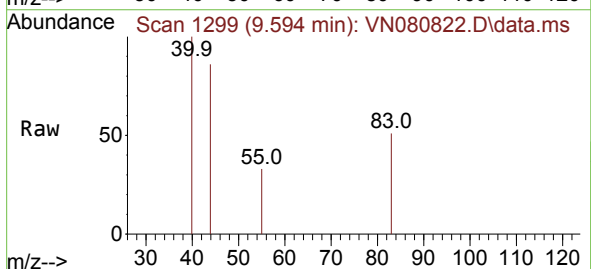
Tgt Ion: 83 Resp: 474

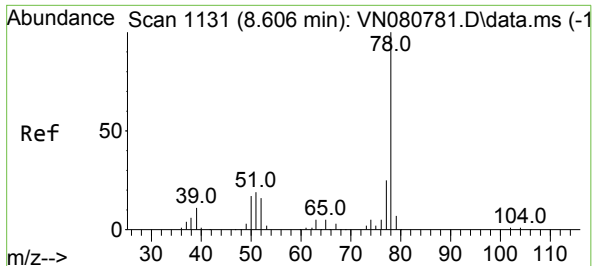
Ion Ratio Lower Upper

83 100

55 64.8 65.7 98.5#

98 0.0 33.8 50.6#

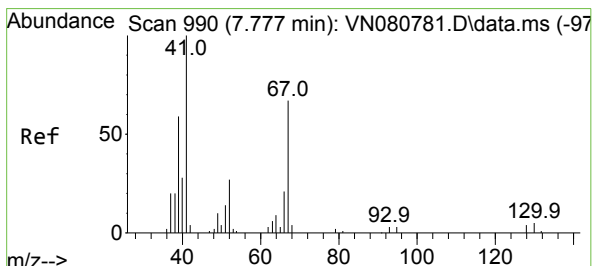
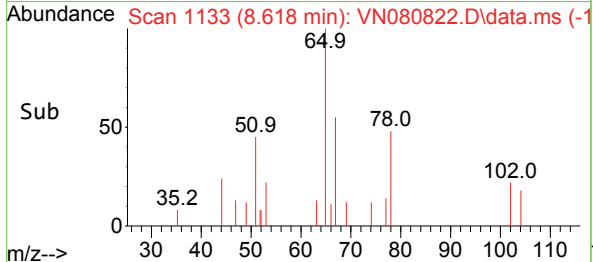
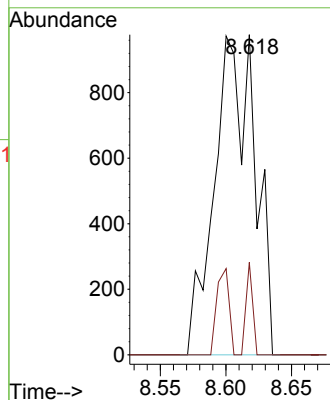
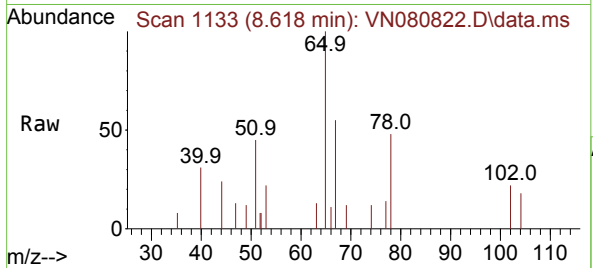




#40
Benzene
Concen: 0.288 ug/l
RT: 8.618 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

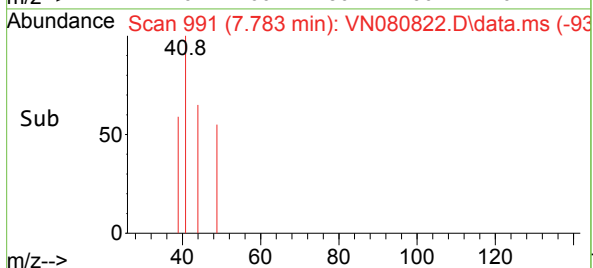
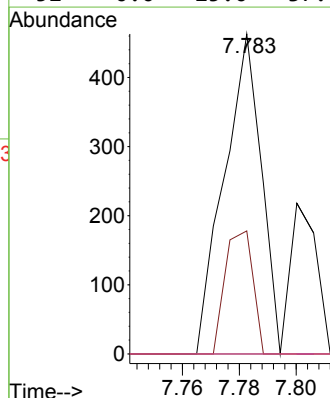
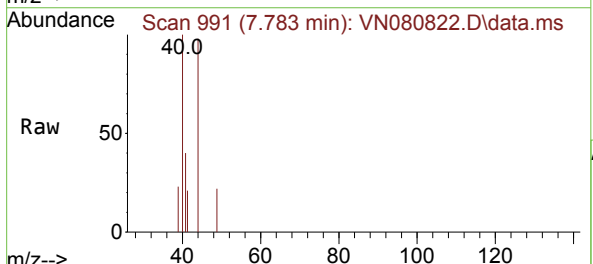
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

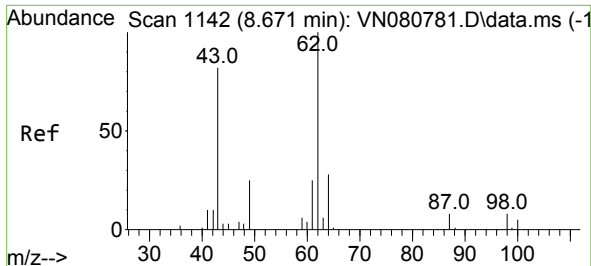
Tgt Ion: 78 Resp: 2076
Ion Ratio Lower Upper
78 100
77 28.9 20.4 30.6



#41
Methacrylonitrile
Concen: 0.282 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 41 Resp: 420
Ion Ratio Lower Upper
41 100
39 28.8 48.4 72.6#
67 0.0 56.8 85.2#
52 0.0 25.0 37.4#





#42

1,2-Dichloroethane

Concen: 0.333 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

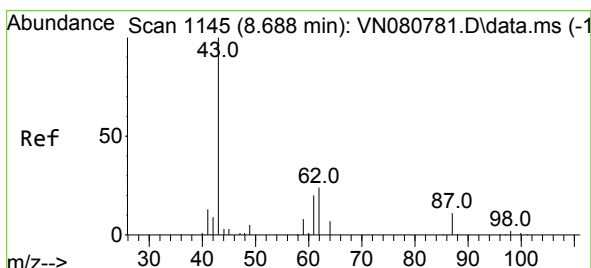
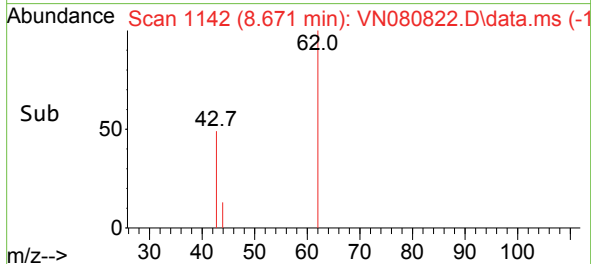
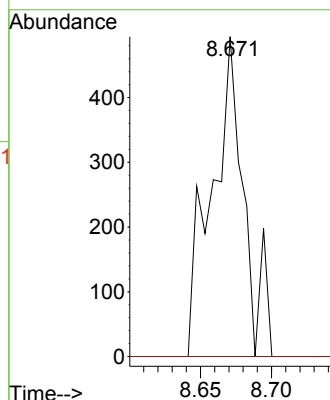
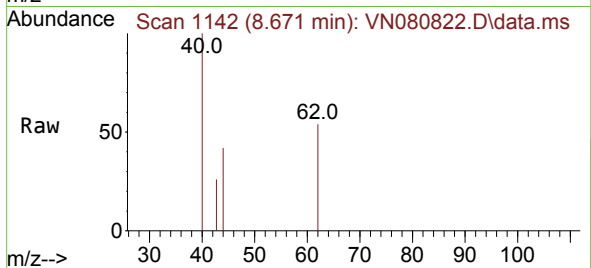
MDL-WATER-03-QT1-2024

Tgt Ion: 62 Resp: 784

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 0.141 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

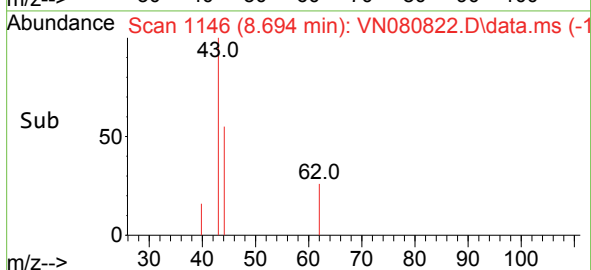
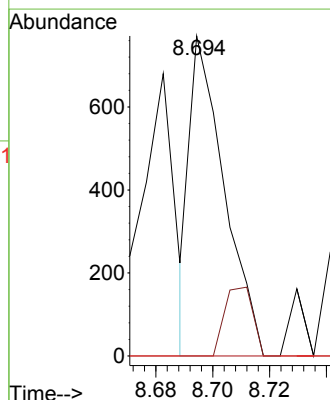
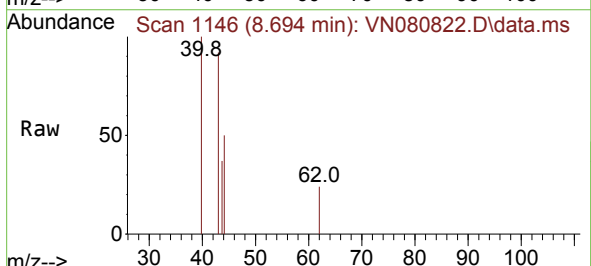
Tgt Ion: 43 Resp: 650

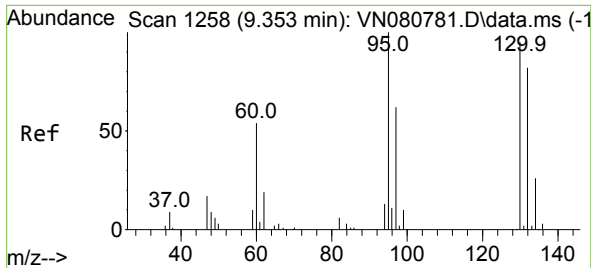
Ion Ratio Lower Upper

43 100

61 17.7 19.9 29.9#

87 0.0 9.0 13.6#

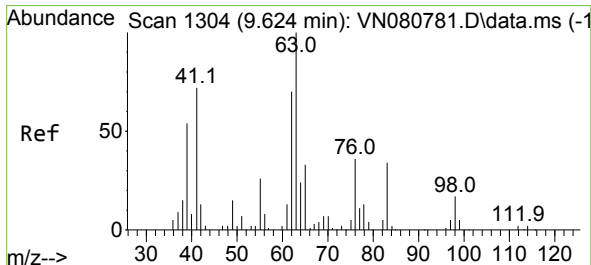
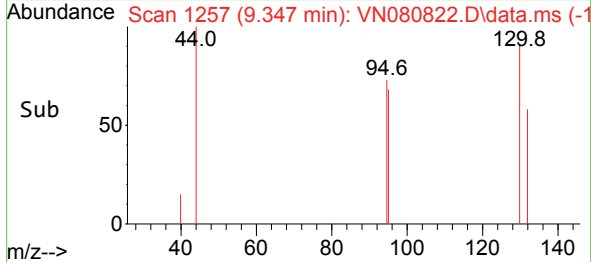
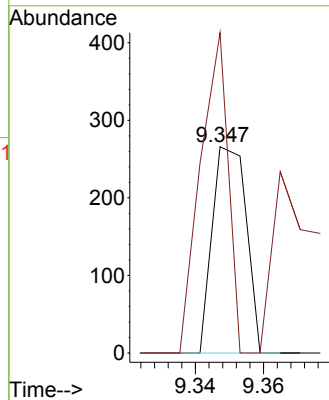
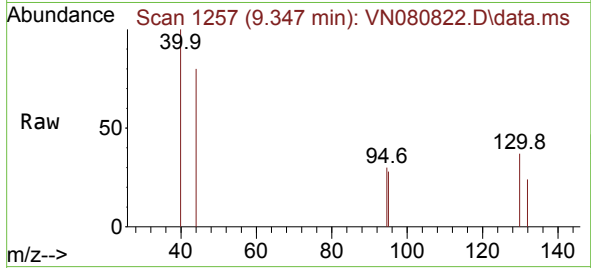




#44
Trichloroethene
Concen: 0.115 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

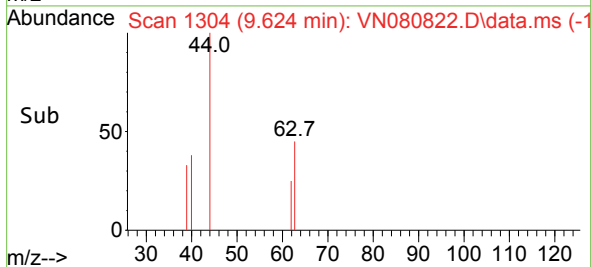
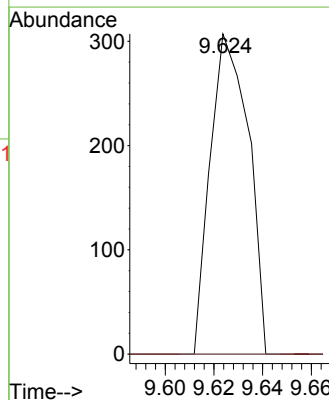
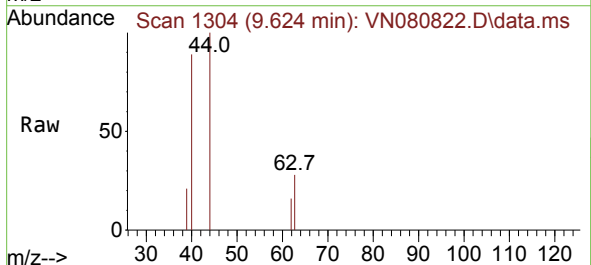
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

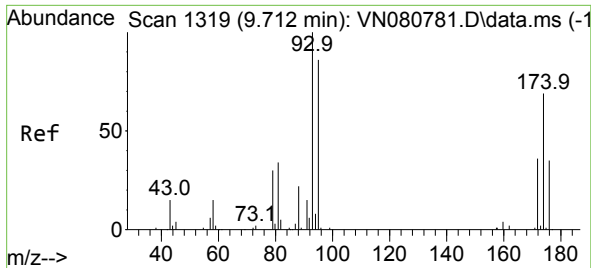
Tgt Ion:130 Resp: 183
Ion Ratio Lower Upper
130 100
95 155.3 0.0 210.4



#45
1,2-Dichloropropane
Concen: 0.171 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 63 Resp: 335
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#





#46

Dibromomethane

Concen: 0.064 ug/l

RT: 9.724 min Scan# 1321

Delta R.T. 0.012 min

Lab File: VN080822.D

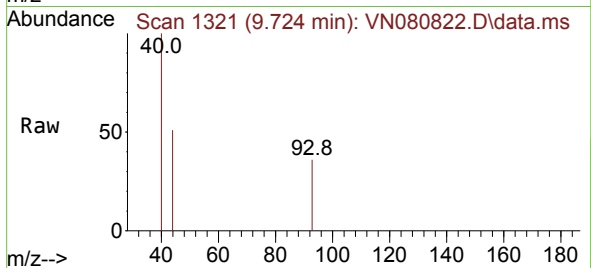
Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



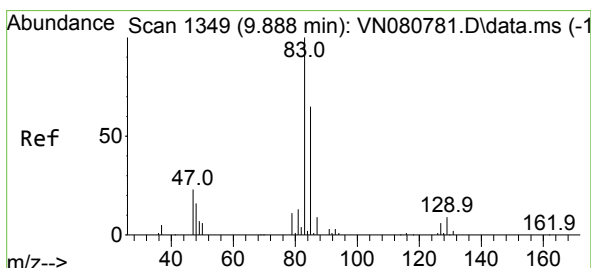
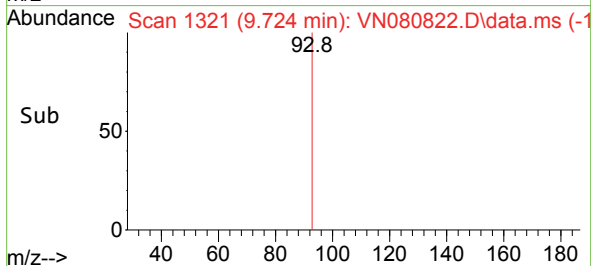
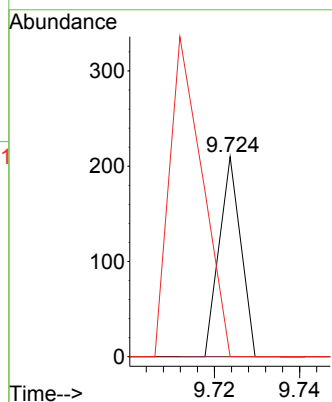
Tgt Ion: 93 Resp: 74

Ion Ratio Lower Upper

93 100

95 0.0 68.1 102.1#

174 243.2 57.2 85.8#



#47

Bromodichloromethane

Concen: 0.185 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

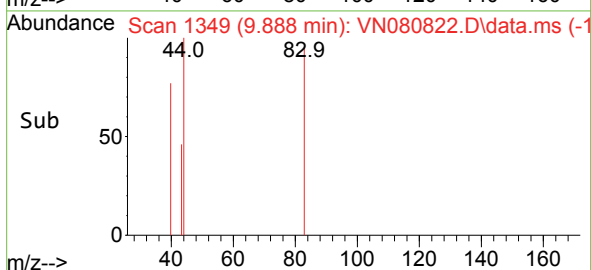
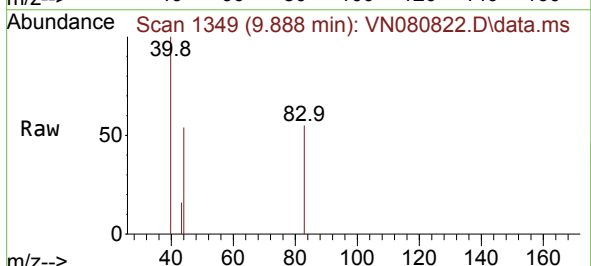
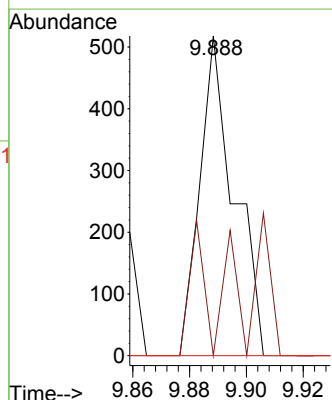
Tgt Ion: 83 Resp: 436

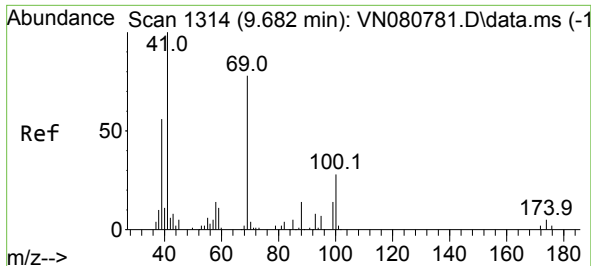
Ion Ratio Lower Upper

83 100

85 0.0 52.3 78.5#

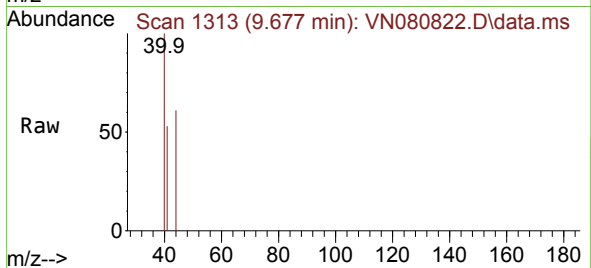
127 0.0 4.6 7.0#



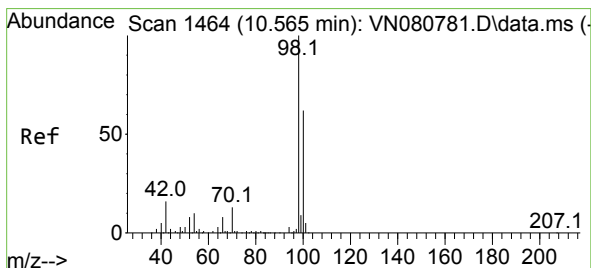
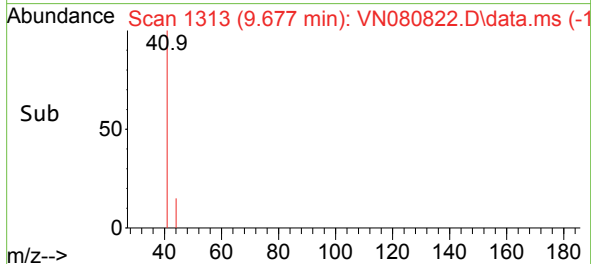
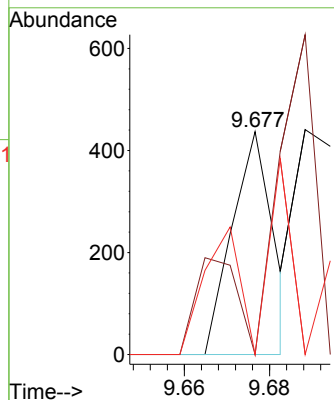


#48
Methyl methacrylate
Concen: 0.132 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

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

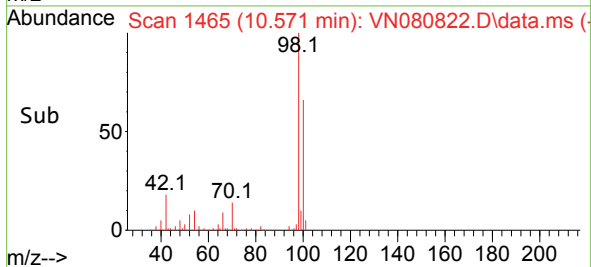
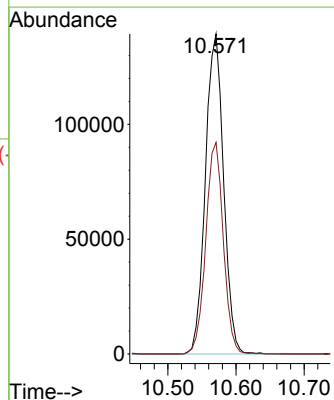
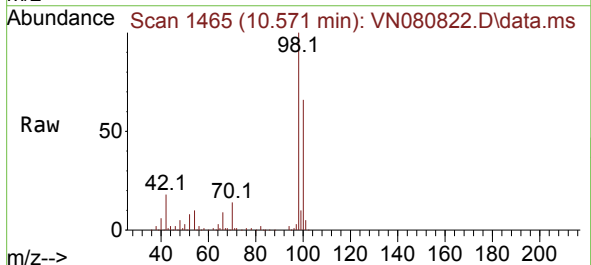


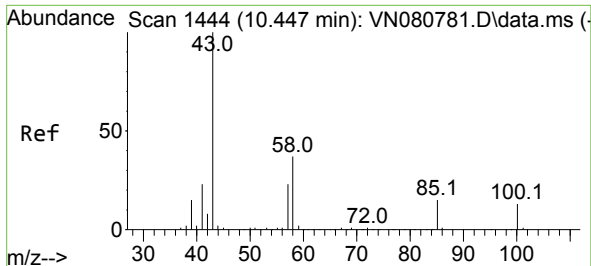
Tgt Ion: 41 Resp: 295
Ion Ratio Lower Upper
41 100
69 166.4 62.2 93.2#
39 68.1 47.6 71.4



#50
Toluene-d8
Concen: 50.019 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 98 Resp: 258725
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.151 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

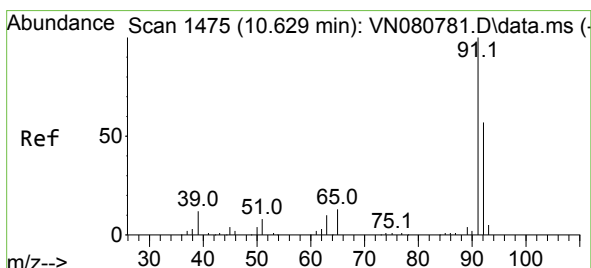
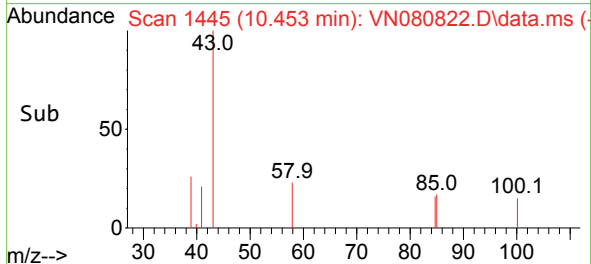
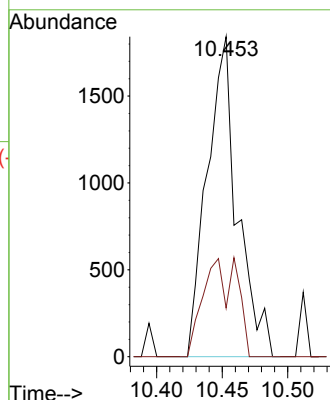
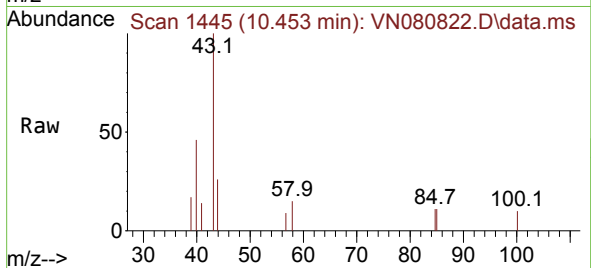
MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 2962

Ion Ratio Lower Upper

43 100

58 33.7 29.4 44.0



#52

Toluene

Concen: 0.251 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN080822.D

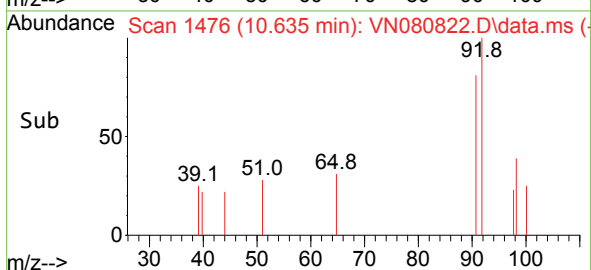
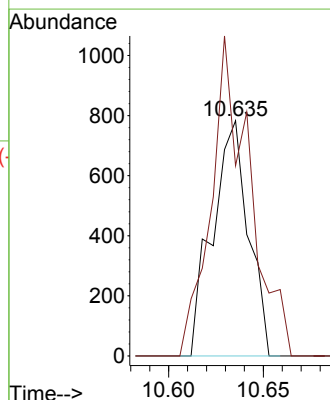
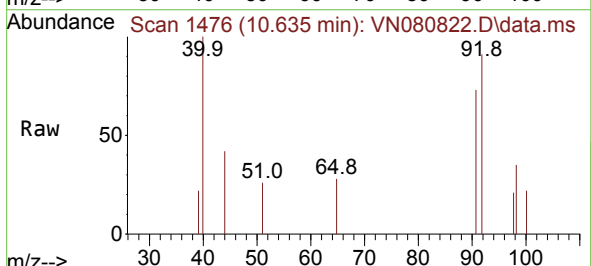
Acq: 30 Jan 2024 18:23

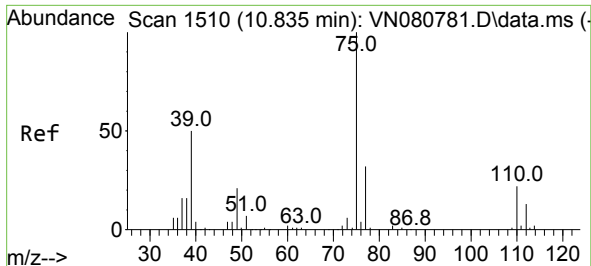
Tgt Ion: 92 Resp: 1037

Ion Ratio Lower Upper

92 100

91 144.8 139.4 209.0

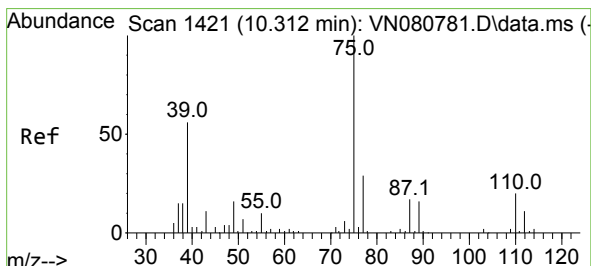
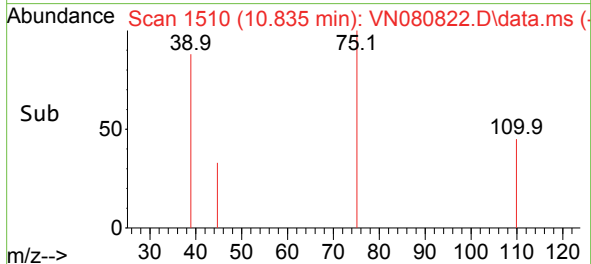
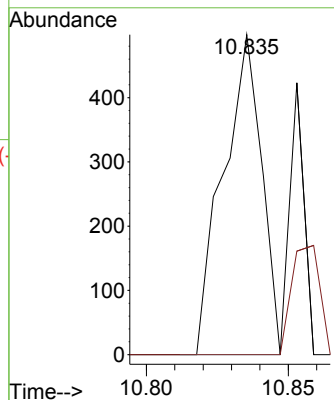
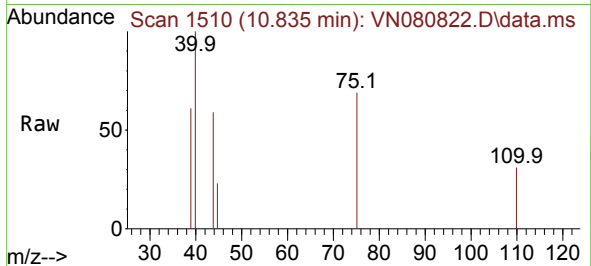




#53
t-1,3-Dichloropropene
Concen: 0.171 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

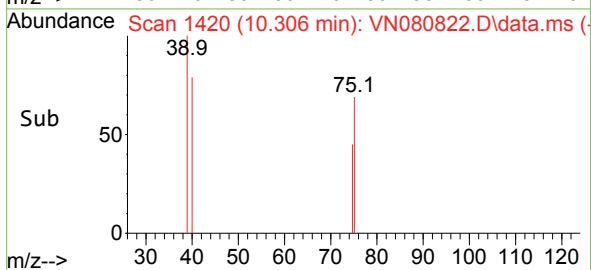
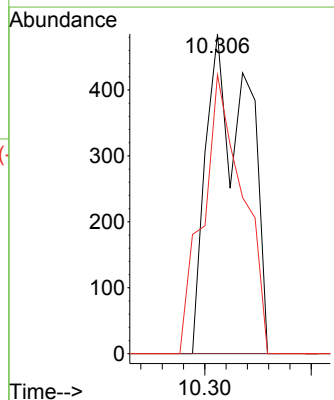
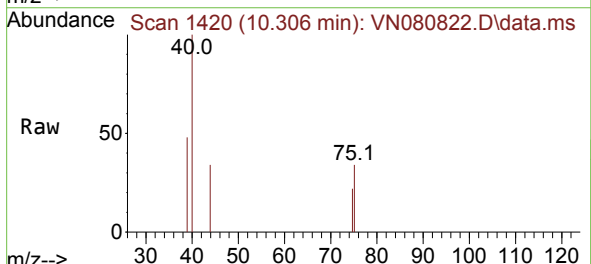
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

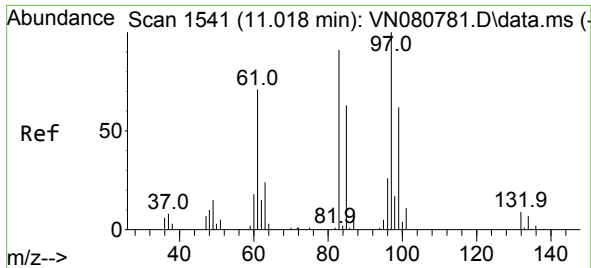
Tgt Ion: 75 Resp: 469
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#



#54
cis-1,3-Dichloropropene
Concen: 0.220 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 75 Resp: 654
Ion Ratio Lower Upper
75 100
77 0.0 23.3 34.9#
39 87.2 44.6 66.8#

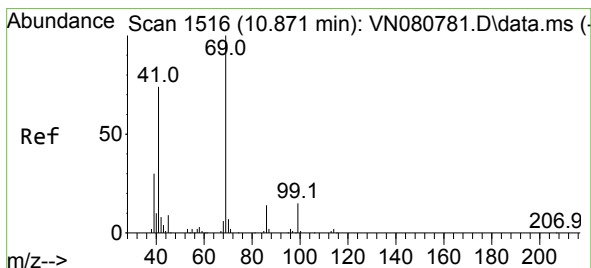
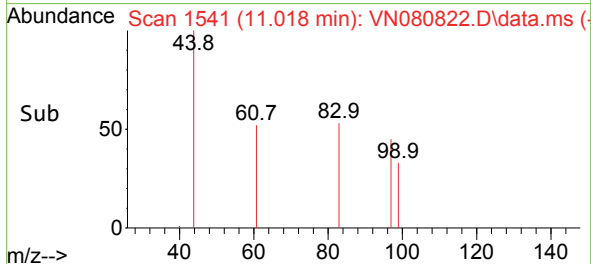
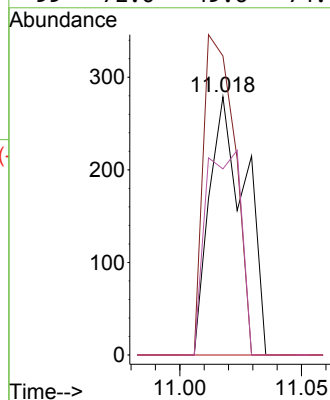
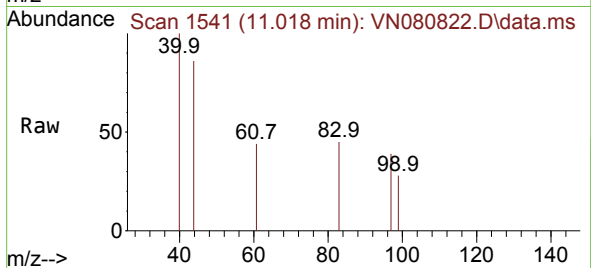




#55
1,1,2-Trichloroethane
Concen: 0.182 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

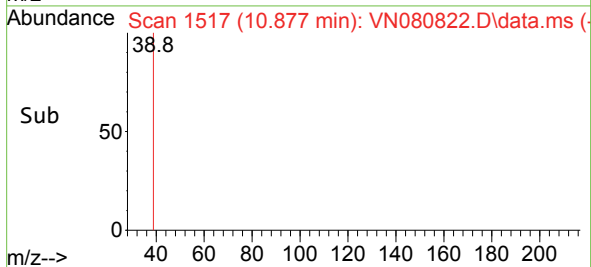
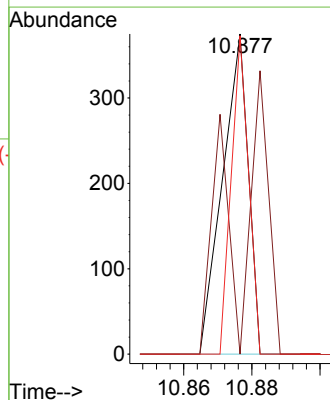
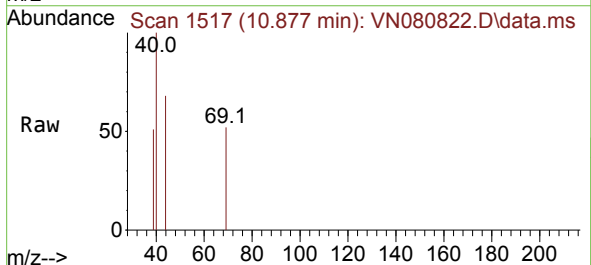
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

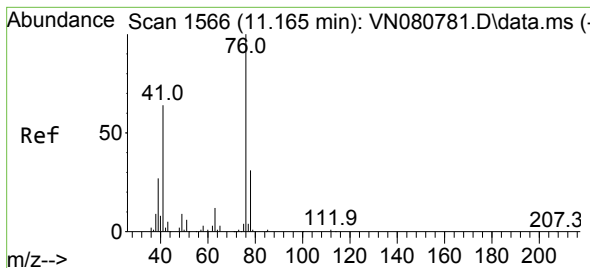
Tgt Ion: 97	Resp: 289
Ion Ratio	Lower Upper
97 100	
83 115.8	72.9 109.3#
85 0.0	50.2 75.2#
99 72.0	49.6 74.4



#56
Ethyl methacrylate
Concen: 0.081 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 69	Resp: 197
Ion Ratio	Lower Upper
69 100	
41 50.3	61.0 91.6#
39 67.0	31.8 47.6#





#57

1,3-Dichloropropane

Concen: 0.310 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

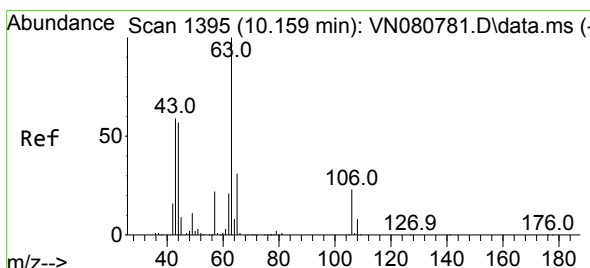
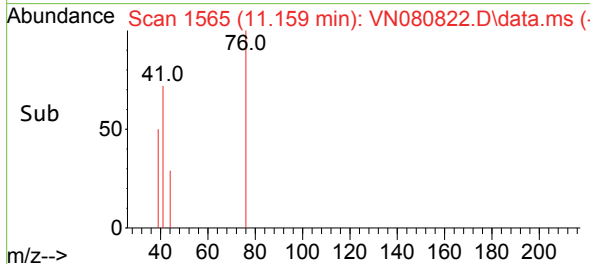
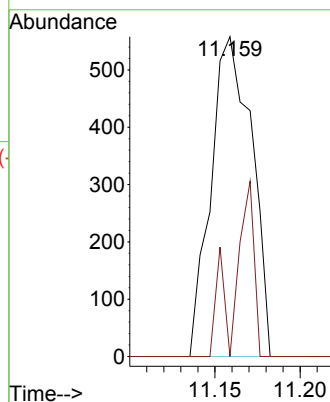
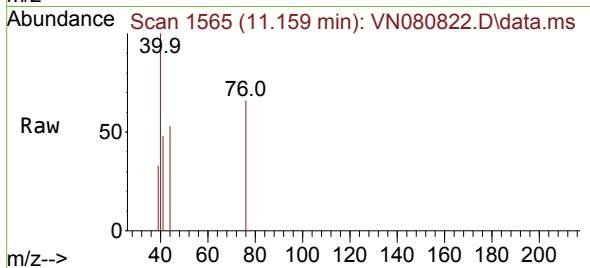
MDL-WATER-03-QT1-2024

Tgt Ion: 76 Resp: 928

Ion Ratio Lower Upper

76 100

78 26.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 0.830 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.012 min

Lab File: VN080822.D

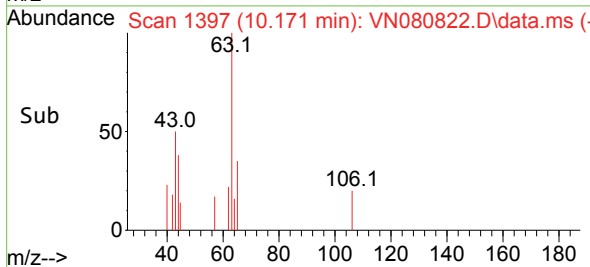
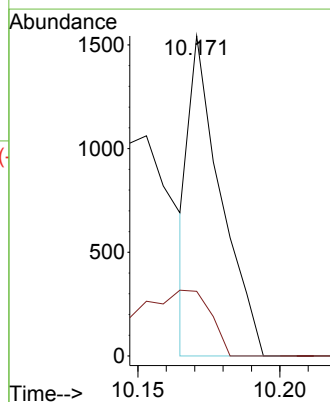
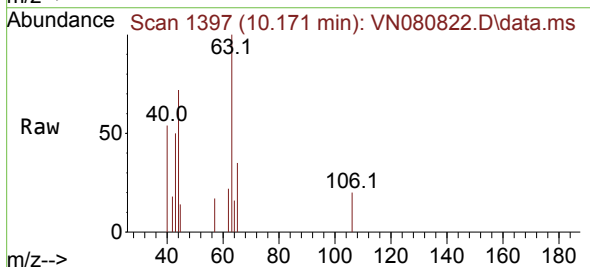
Acq: 30 Jan 2024 18:23

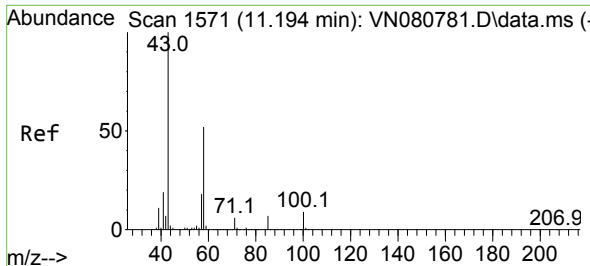
Tgt Ion: 63 Resp: 1183

Ion Ratio Lower Upper

63 100

106 45.3 18.6 28.0#

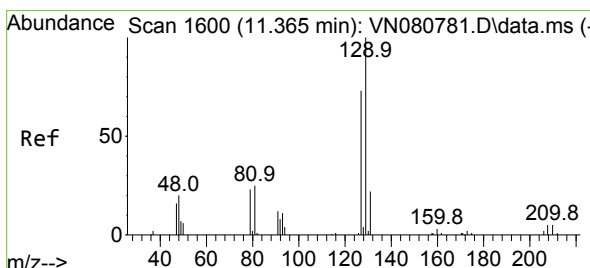
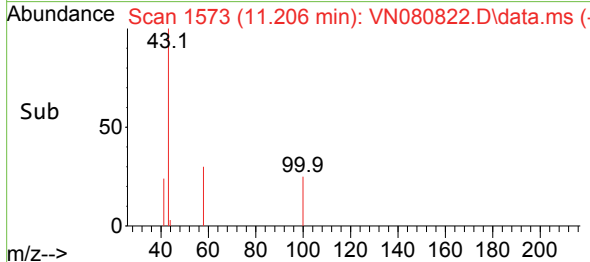
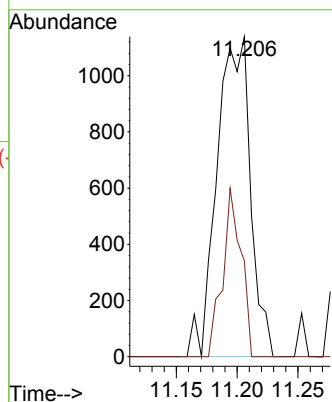
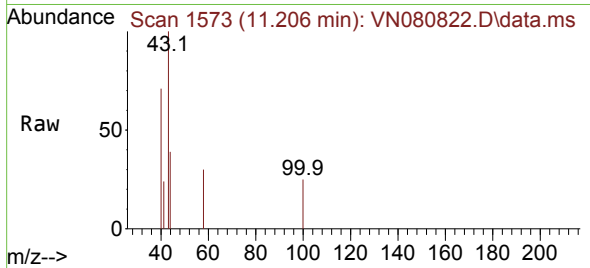




#59
2-Hexanone
Concen: 1.089 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

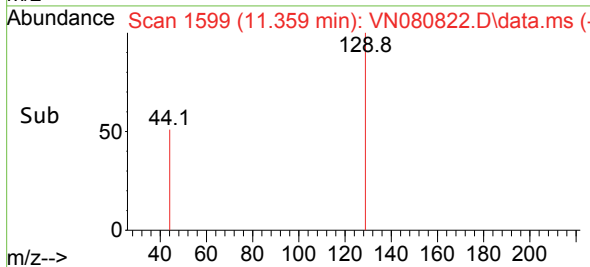
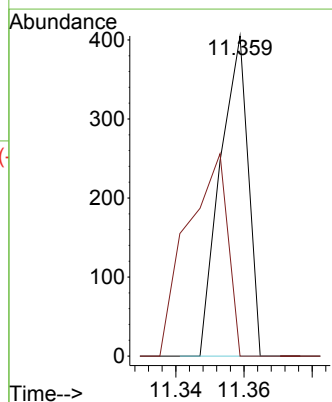
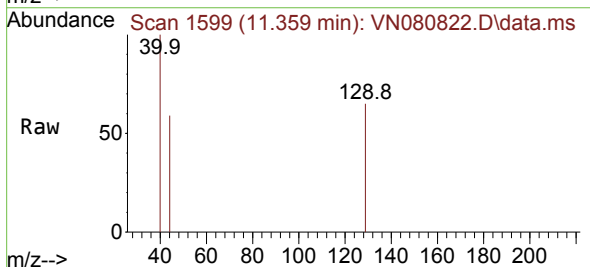
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

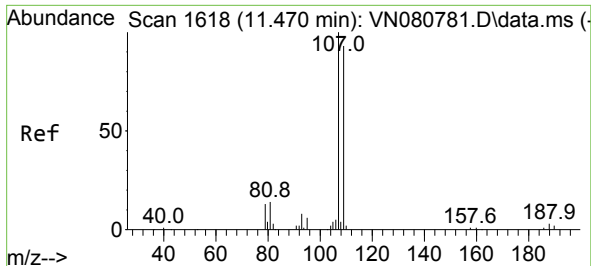
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
58 29.1 25.9 77.8



#60
Dibromochloromethane
Concen: 0.155 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 129 Resp: 230
Ion Ratio Lower Upper
129 100
127 91.7 39.4 118.2

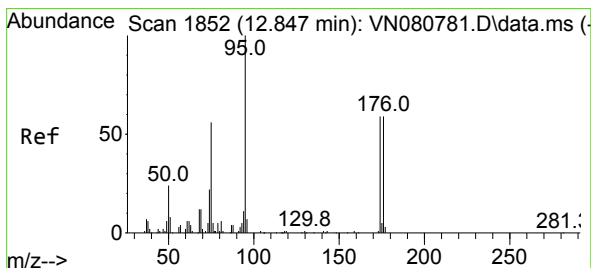
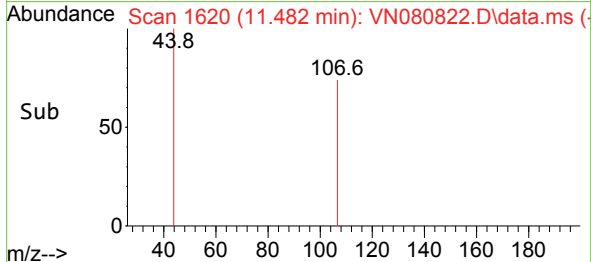
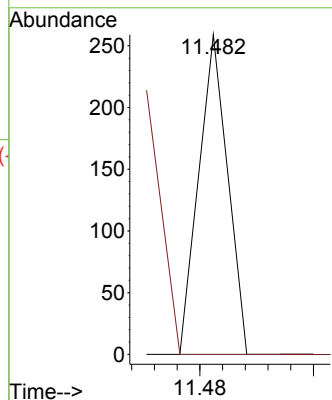
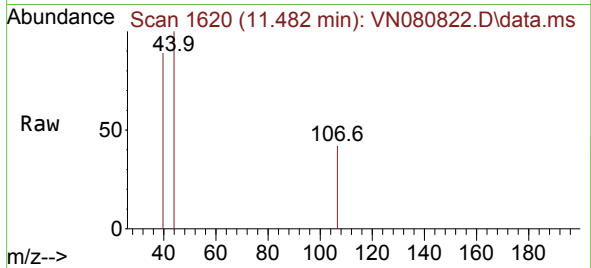




#61
1,2-Dibromoethane
Concen: 0.061 ug/l
RT: 11.482 min Scan# 1620
Delta R.T. 0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

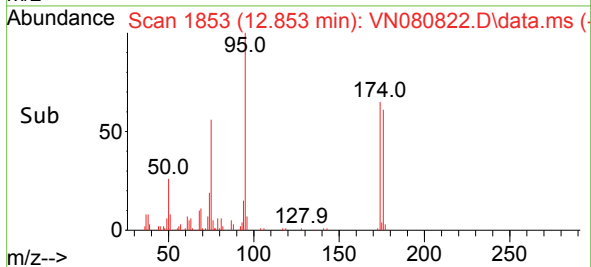
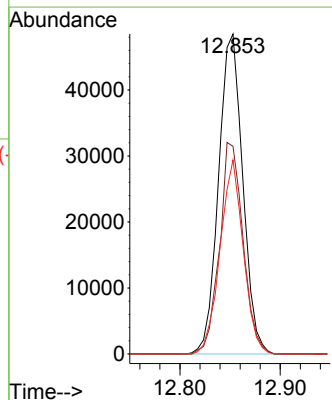
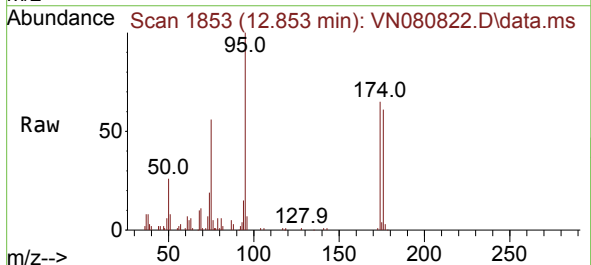
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

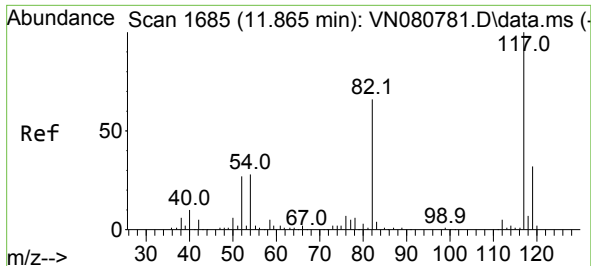
Tgt Ion:107 Resp: 91
Ion Ratio Lower Upper
107 100
109 159.3 73.4 110.2#



#62
4-Bromofluorobenzene
Concen: 44.926 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 95 Resp: 80978
Ion Ratio Lower Upper
95 100
174 64.5 0.0 120.4
176 58.1 0.0 121.0

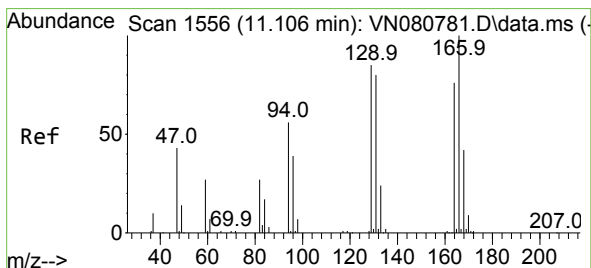
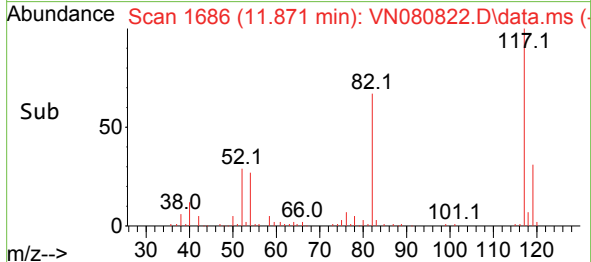
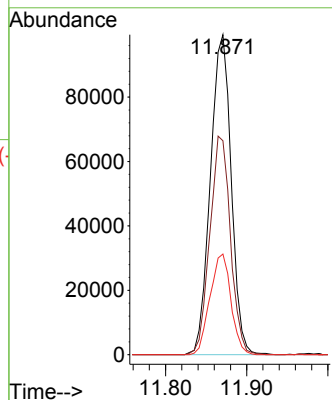
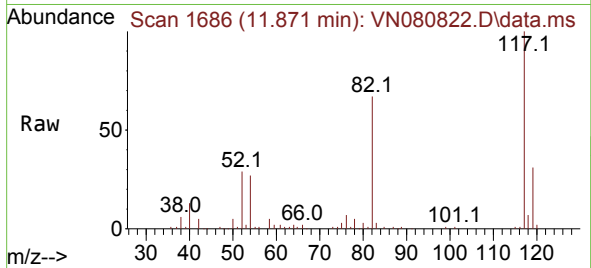




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

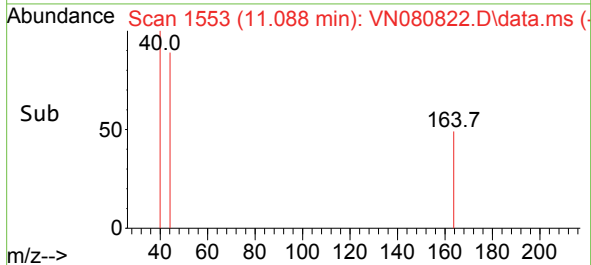
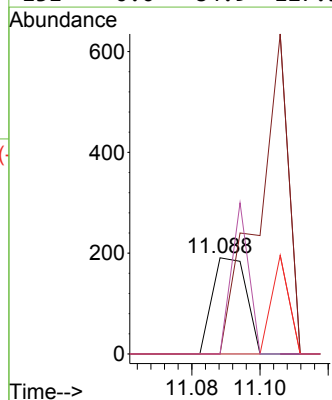
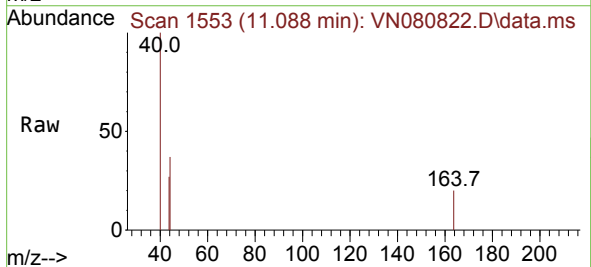
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

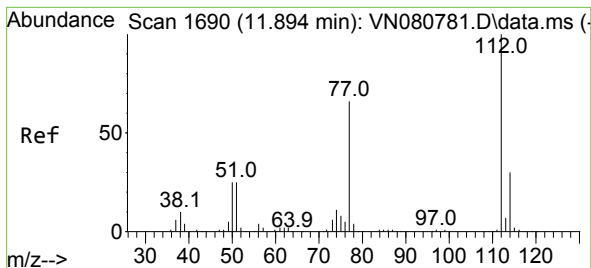
Tgt Ion:117 Resp: 176845
Ion Ratio Lower Upper
117 100
82 66.9 52.7 79.1
119 31.4 25.3 37.9



#64
Tetrachloroethene
Concen: 0.114 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. -0.018 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion:164 Resp: 132
Ion Ratio Lower Upper
164 100
166 0.0 105.8 158.6#
129 0.0 89.6 134.4#
131 0.0 84.9 127.3#





#65

Chlorobenzene

Concen: 0.289 ug/l

RT: 11.900 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

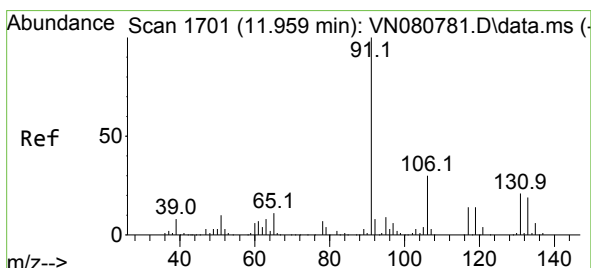
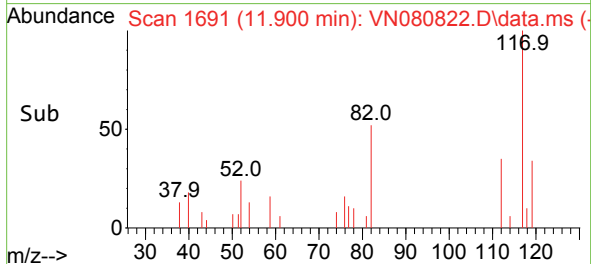
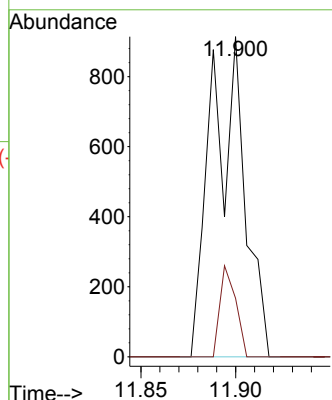
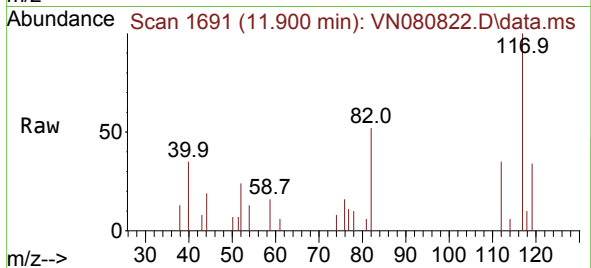
MDL-WATER-03-QT1-2024

Tgt Ion:112 Resp: 1114

Ion Ratio Lower Upper

112 100

114 18.3 23.7 35.5#



#66

1,1,1,2-Tetrachloroethane

Concen: 0.138 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

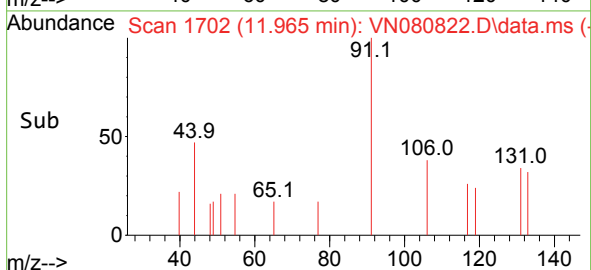
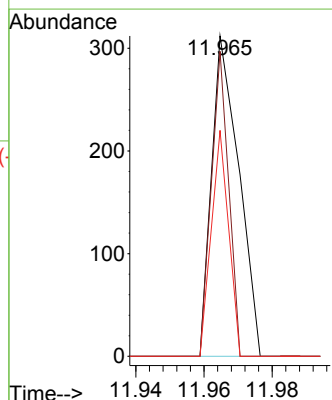
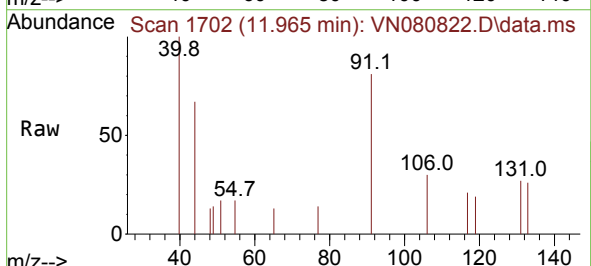
Tgt Ion:131 Resp: 173

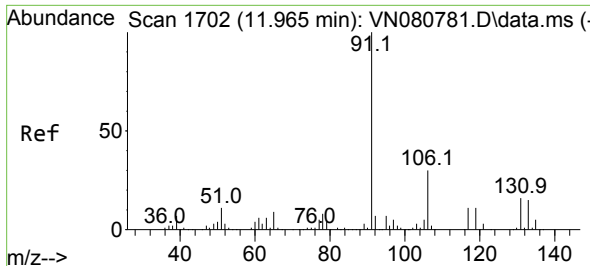
Ion Ratio Lower Upper

131 100

133 60.7 46.8 140.3

119 0.0 34.6 103.9#

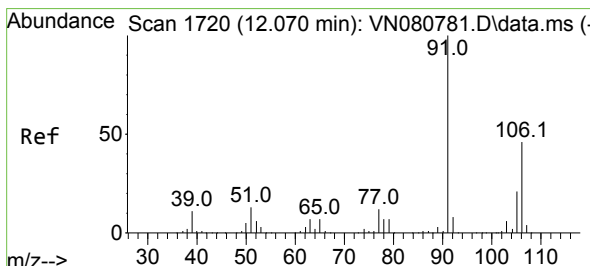
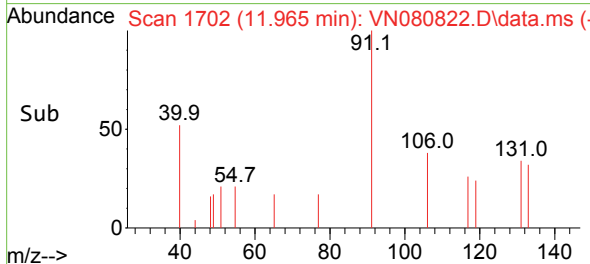
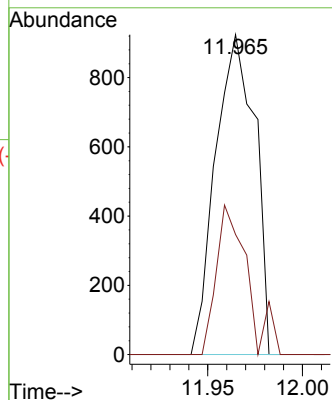
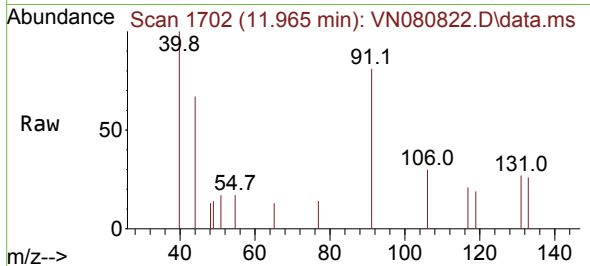




#67
Ethyl Benzene
Concen: 0.186 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

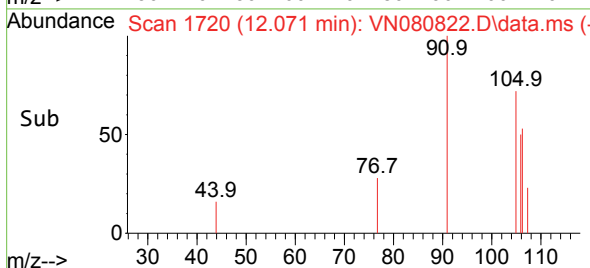
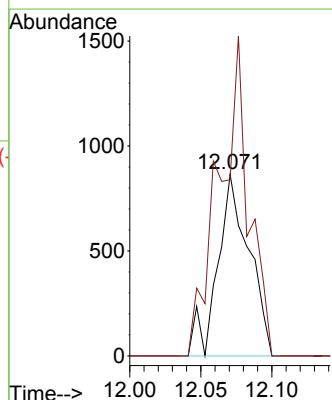
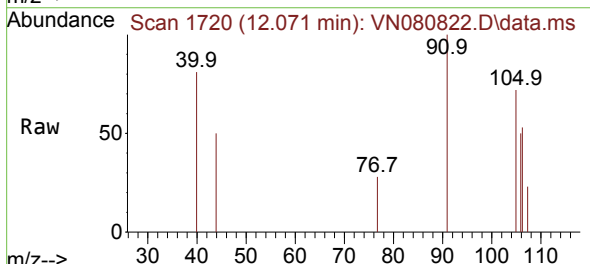
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

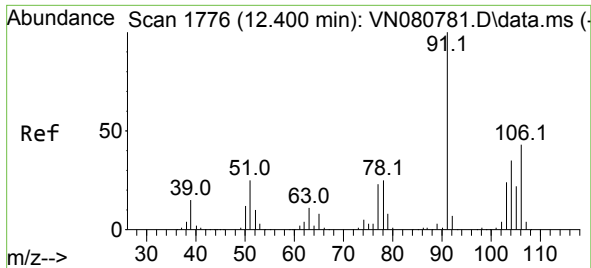
Tgt Ion: 91 Resp: 1334
Ion Ratio Lower Upper
91 100
106 37.6 23.8 35.6#



#68
m/p-Xylenes
Concen: 0.521 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 106 Resp: 1328
Ion Ratio Lower Upper
106 100
91 166.6 169.0 253.6#

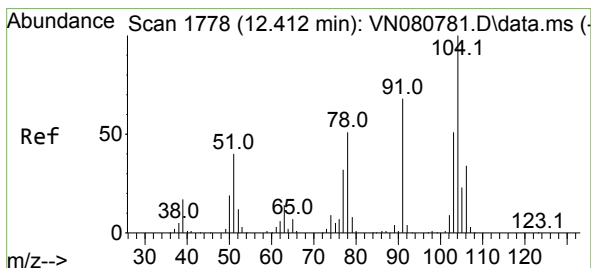
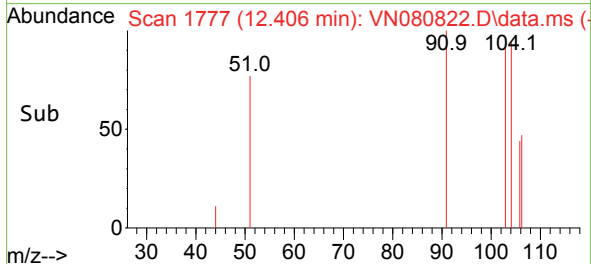
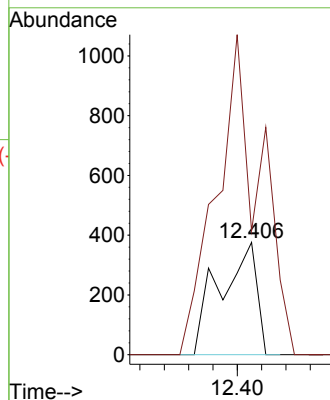
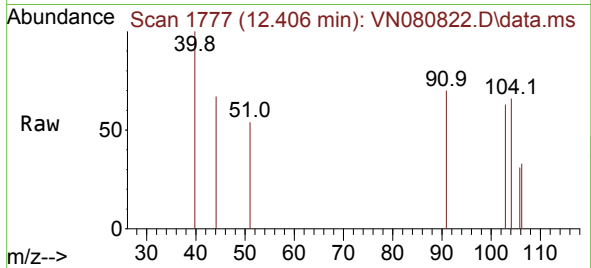




#69
o-Xylene
Concen: 0.156 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

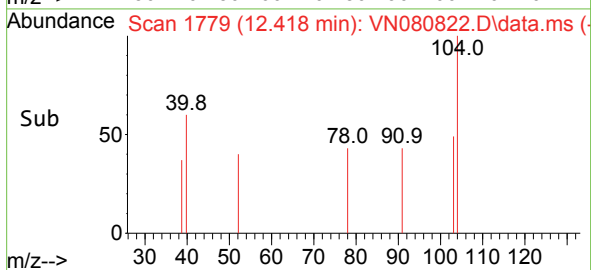
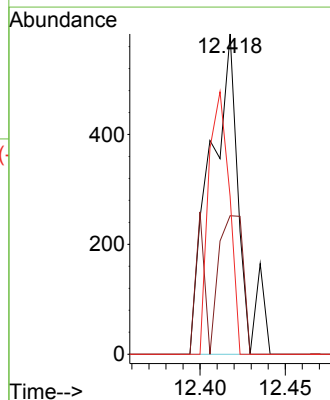
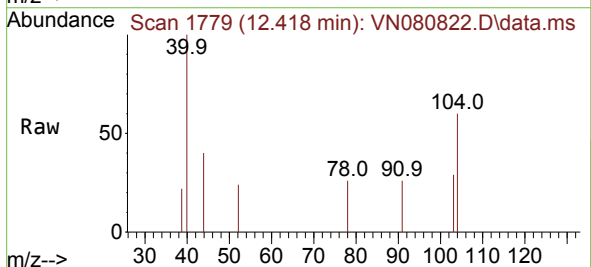
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

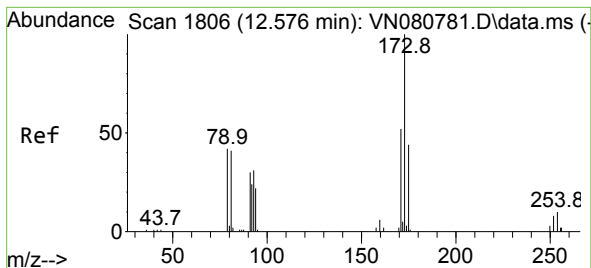
Tgt Ion:106 Resp: 396
Ion Ratio Lower Upper
106 100
91 335.4 112.1 336.3



#70
Styrene
Concen: 0.171 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion:104 Resp: 694
Ion Ratio Lower Upper
104 100
78 36.0 43.8 65.8#
103 57.9 44.2 66.2





#71

Bromoform

Concen: 0.065 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

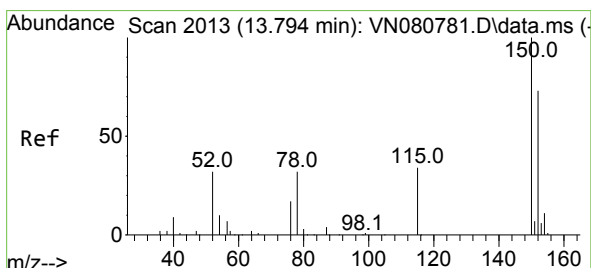
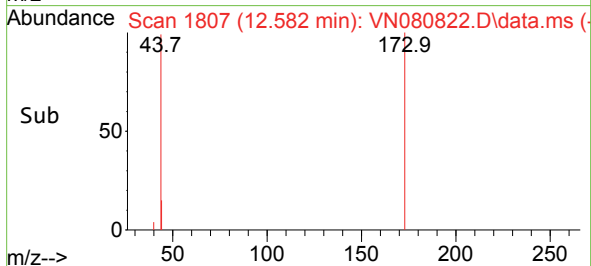
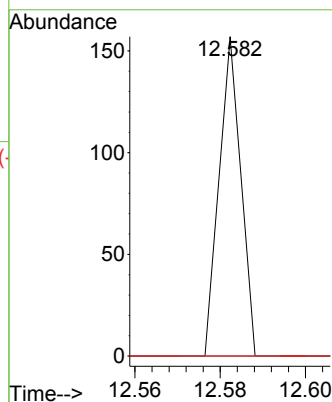
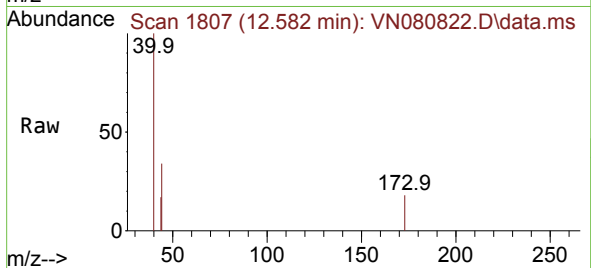
Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:173	Resp:	55
Ion Ratio	Lower	Upper
173	100	
175	0.0	23.1
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

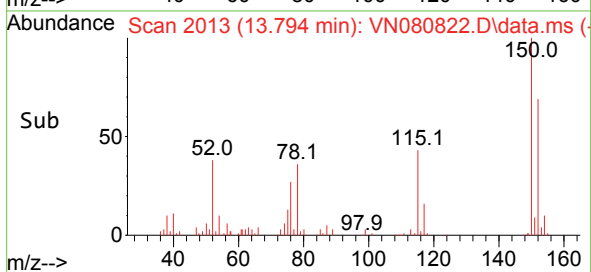
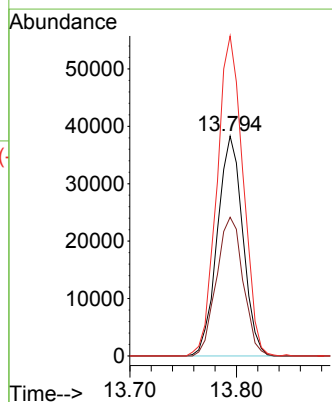
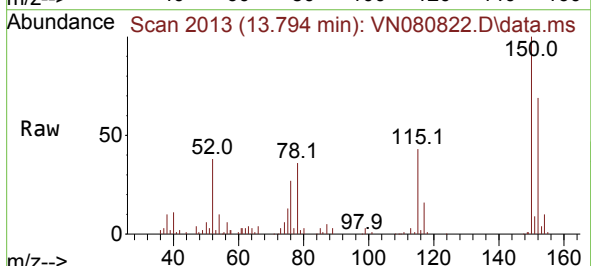
RT: 13.794 min Scan# 2013

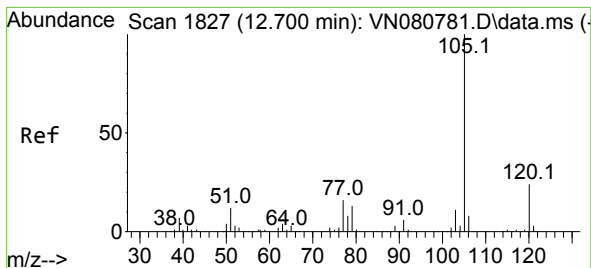
Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Tgt Ion:152	Resp:	63533
Ion Ratio	Lower	Upper
152	100	
115	66.0	32.3
150	149.2	0.0





#73

Isopropylbenzene

Concen: 0.242 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

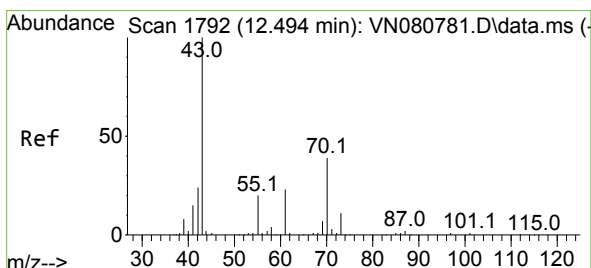
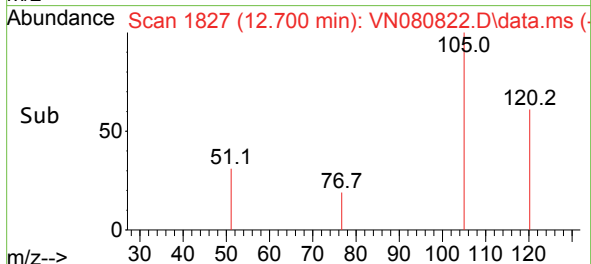
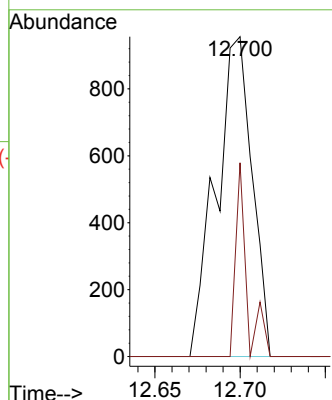
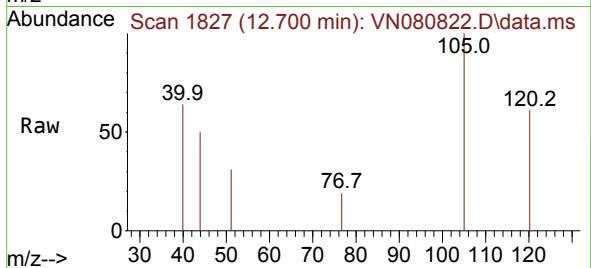
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 1410

Ion Ratio Lower Upper

105 100

120 18.6 12.6 37.6



#74

N-ethyl acetate

Concen: 0.222 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Tgt Ion: 43 Resp: 802

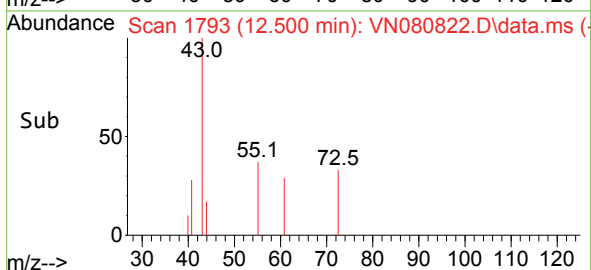
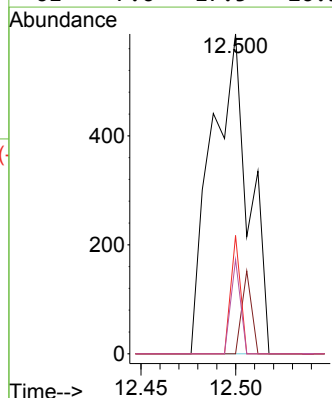
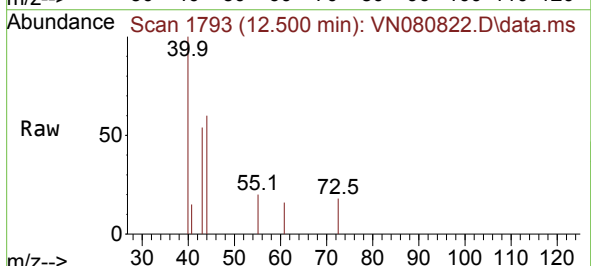
Ion Ratio Lower Upper

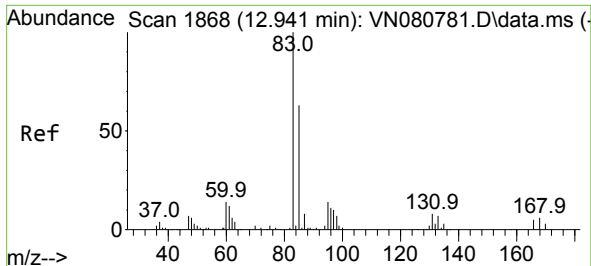
43 100

70 6.7 30.1 45.1#

55 9.6 17.0 25.4#

61 7.6 17.5 26.3#

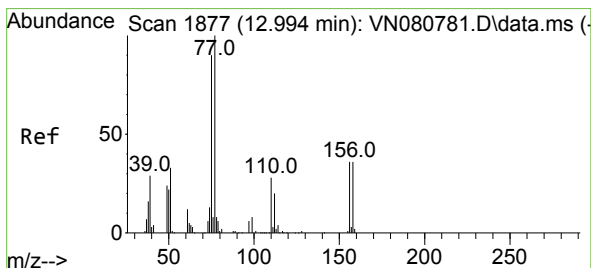
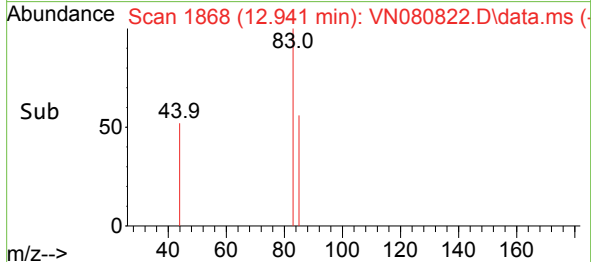
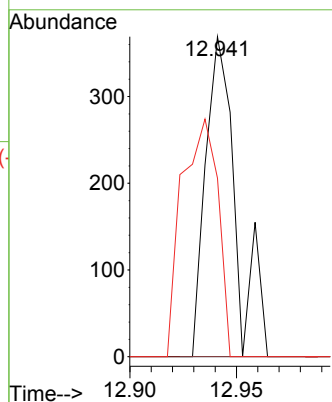
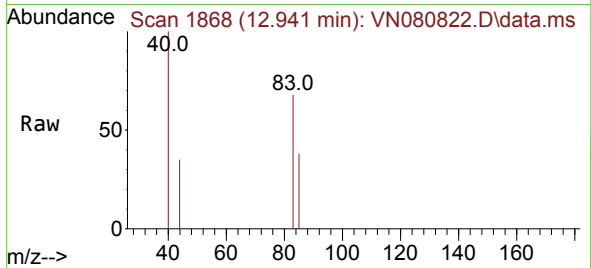




#75
1,1,2,2-Tetrachloroethane
Concen: 0.177 ug/l
RT: 12.941 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

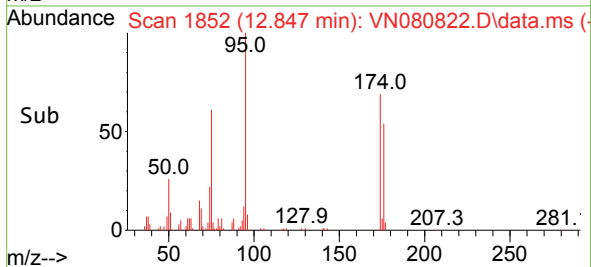
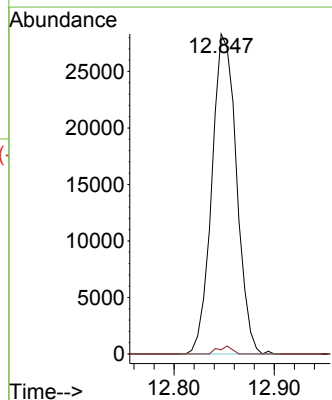
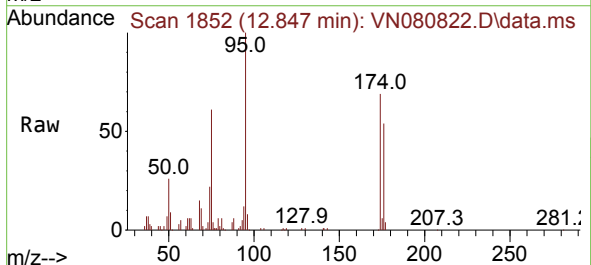
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

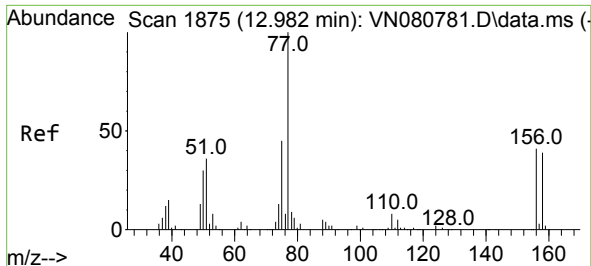
Tgt Ion: 83 Resp: 362
Ion Ratio Lower Upper
83 100
131 0.0 4.1 12.3#
85 89.0 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 25.253 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 75 Resp: 48389
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#

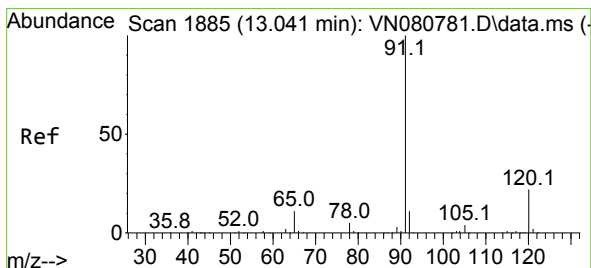
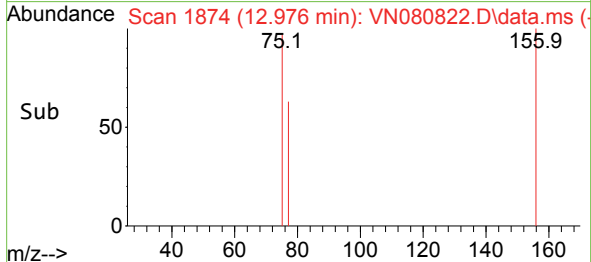
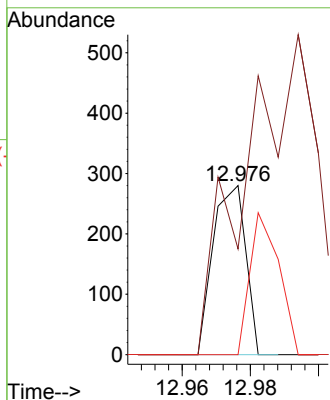
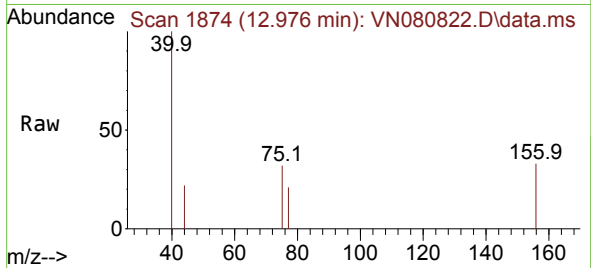




#77
Bromobenzene
Concen: 0.150 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

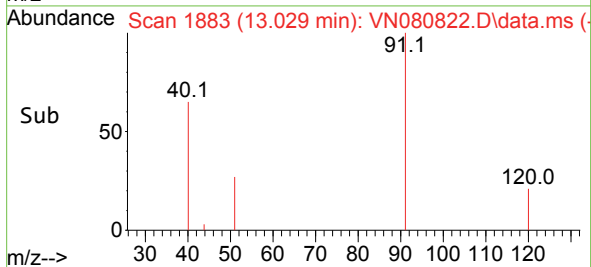
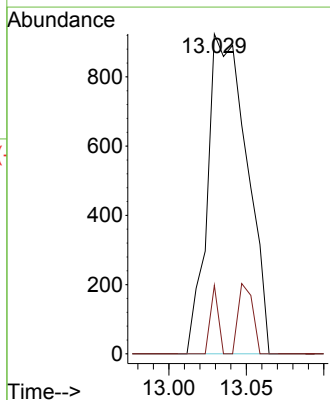
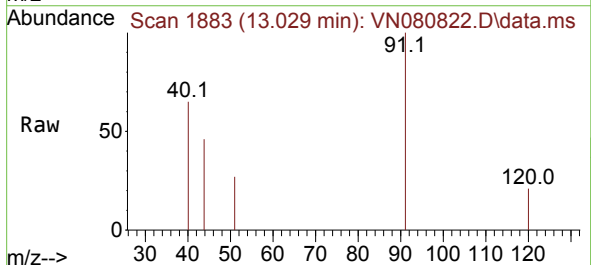
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

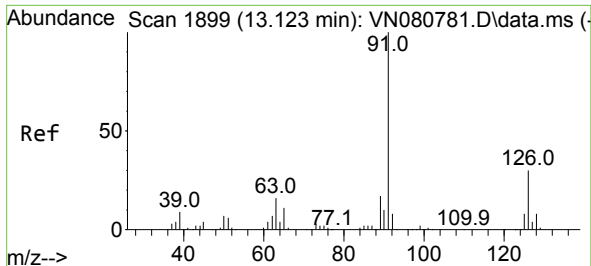
Tgt Ion:156 Resp: 186
Ion Ratio Lower Upper
156 100
77 402.7 138.1 414.3
158 74.7 46.5 139.5



#78
n-propylbenzene
Concen: 0.234 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 91 Resp: 1629
Ion Ratio Lower Upper
91 100
120 4.3 10.3 30.9#





#79

2-Chlorotoluene

Concen: 0.221 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN080822.D

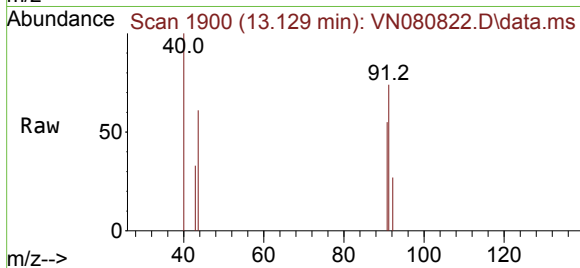
Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

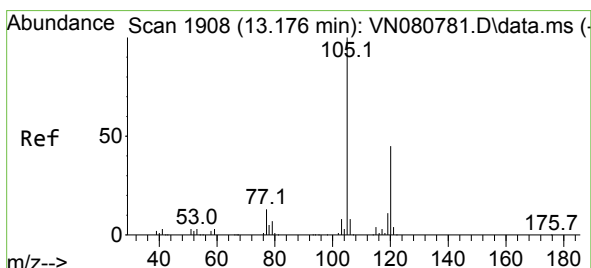
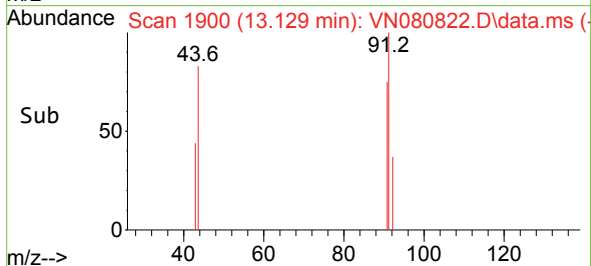
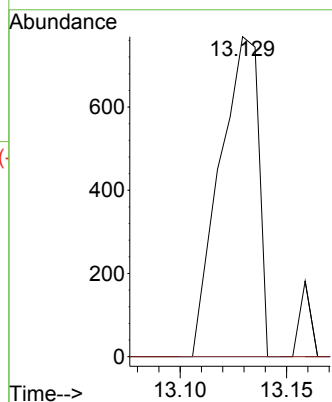


Tgt Ion: 91 Resp: 975

Ion Ratio Lower Upper

91 100

126 0.0 14.8 44.4#



#80

1,3,5-Trimethylbenzene

Concen: 0.263 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN080822.D

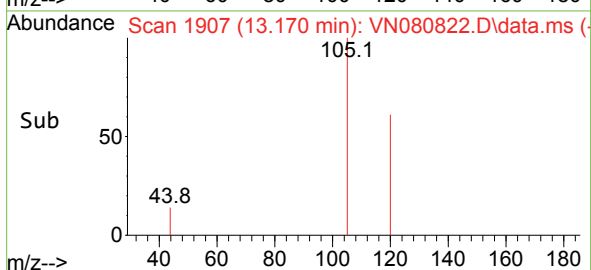
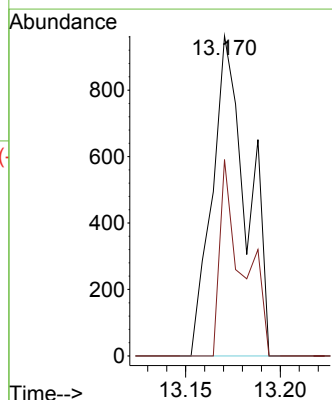
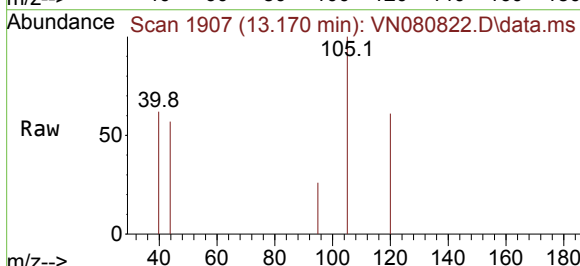
Acq: 30 Jan 2024 18:23

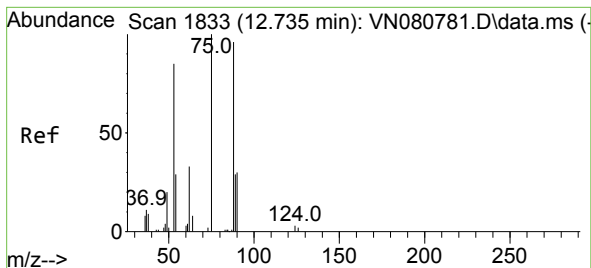
Tgt Ion: 105 Resp: 1220

Ion Ratio Lower Upper

105 100

120 40.6 23.0 69.0





#81

trans-1,4-Dichloro-2-butene

Concen: 65.057 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN080822.D

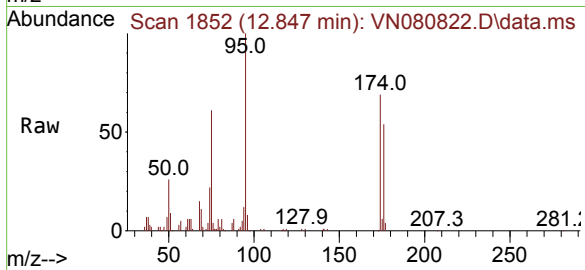
Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024



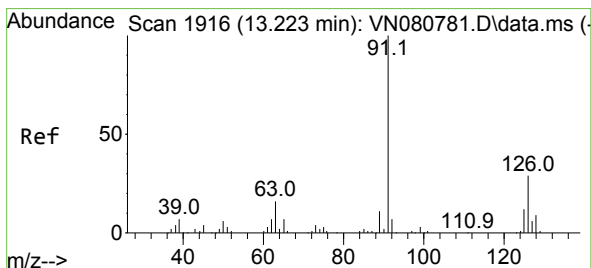
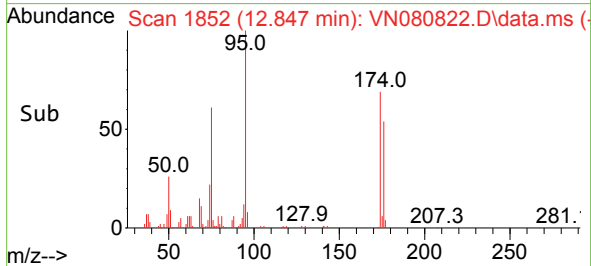
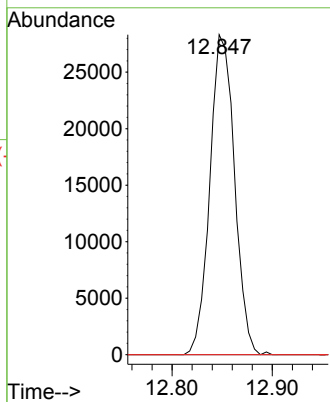
Tgt Ion: 75 Resp: 48389

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#



#82

4-Chlorotoluene

Concen: 0.310 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VN080822.D

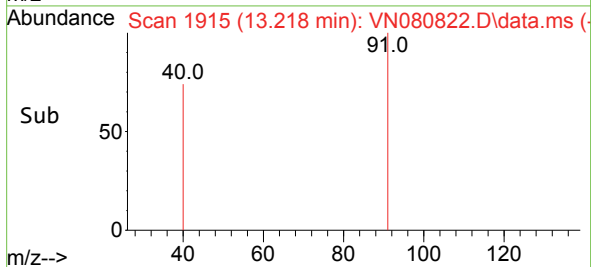
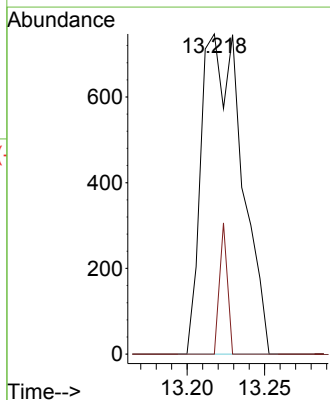
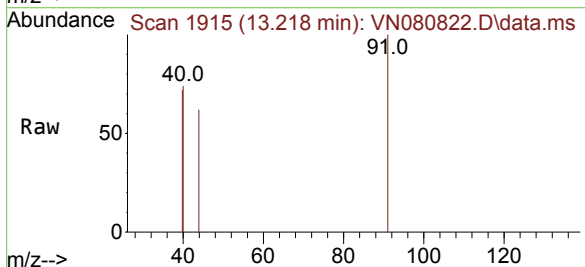
Acq: 30 Jan 2024 18:23

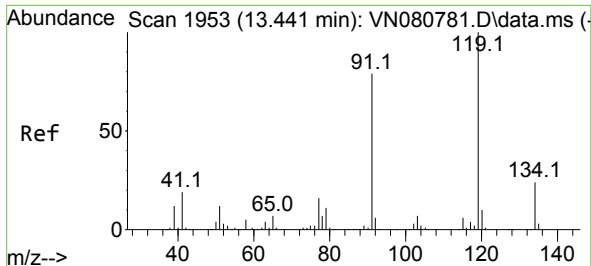
Tgt Ion: 91 Resp: 1358

Ion Ratio Lower Upper

91 100

126 8.0 15.3 45.9#

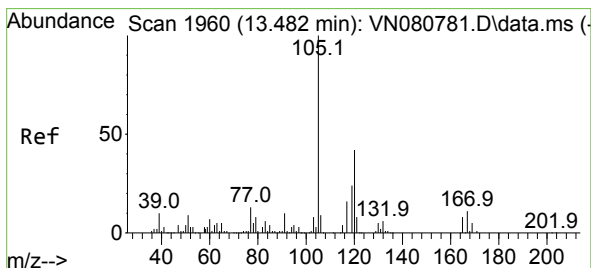
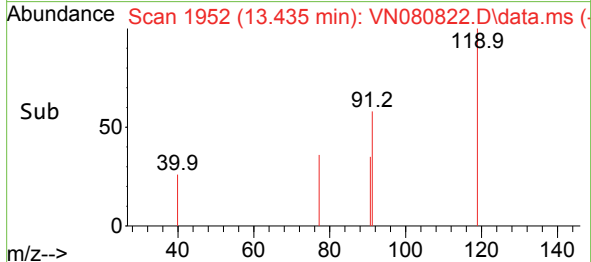
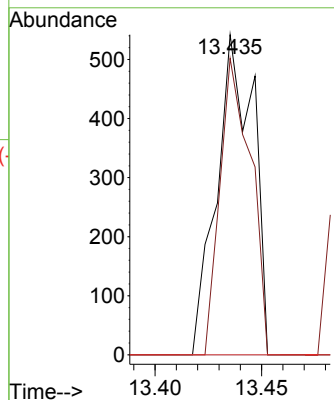
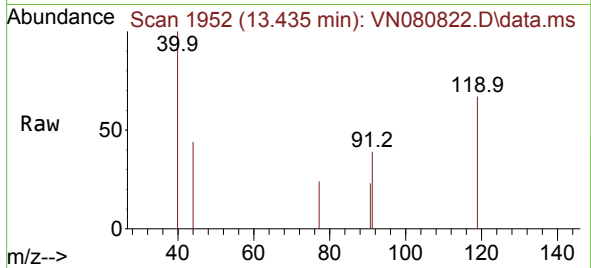




#83
tert-Butylbenzene
Concen: 0.175 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

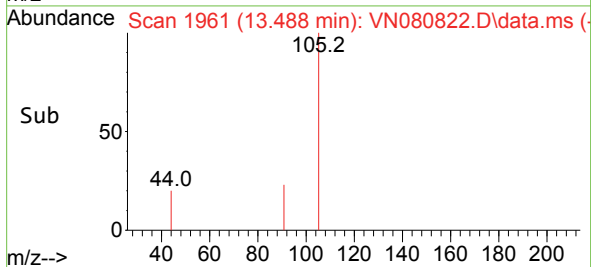
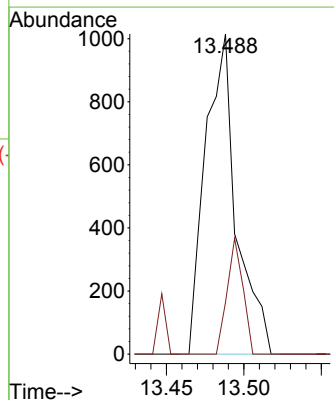
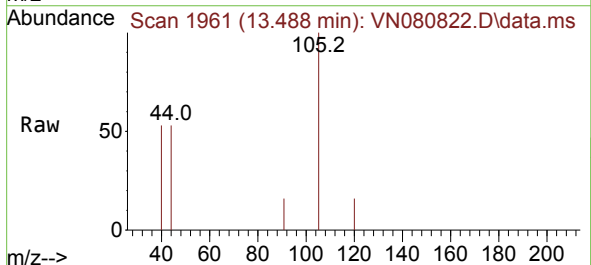
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

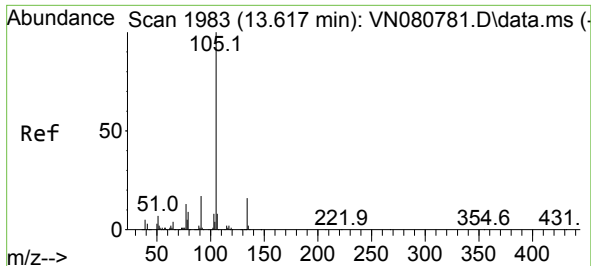
Tgt Ion:119 Resp: 648
Ion Ratio Lower Upper
119 100
91 77.8 36.8 110.4
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.300 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion:105 Resp: 1407
Ion Ratio Lower Upper
105 100
120 18.3 20.9 62.7#

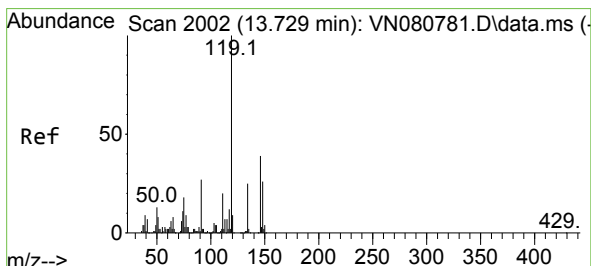
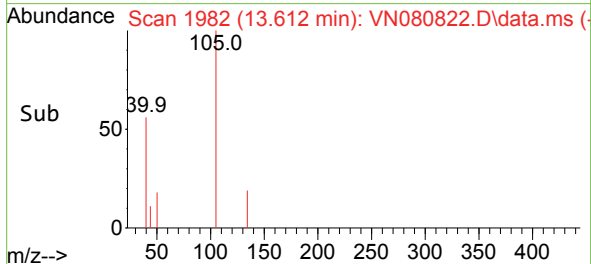
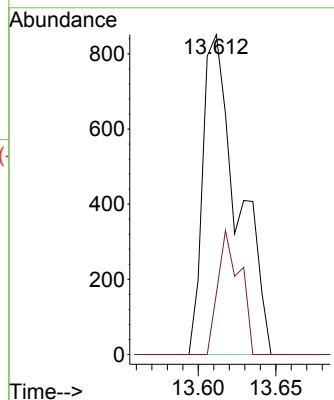
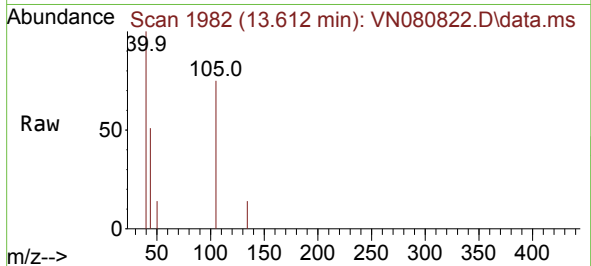




#85
 sec-Butylbenzene
 Concen: 0.245 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN080822.D
 Acq: 30 Jan 2024 18:23

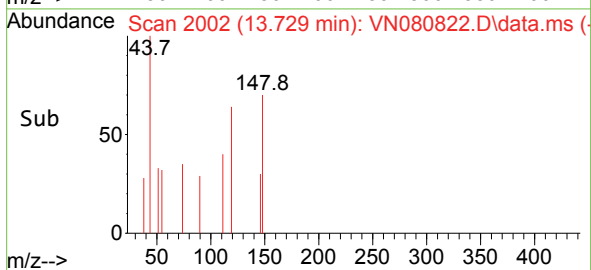
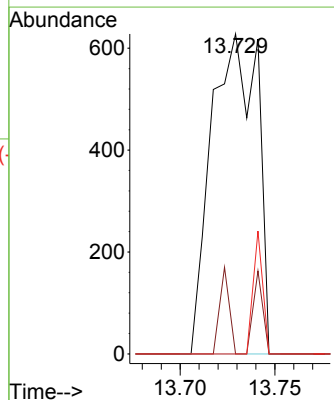
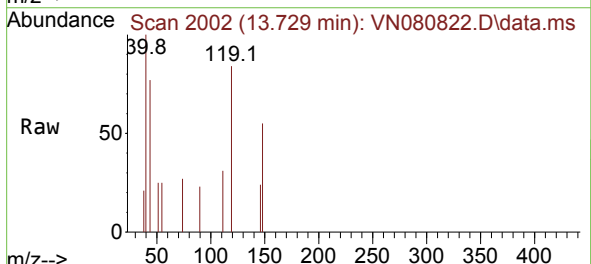
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

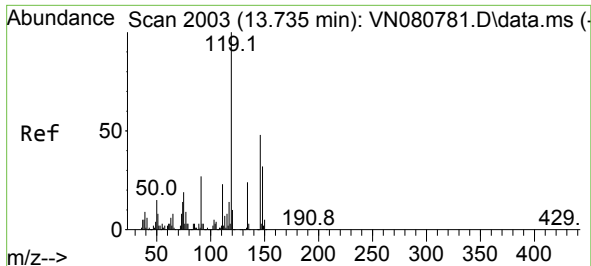
Tgt Ion:105 Resp: 1336
 Ion Ratio Lower Upper
 105 100
 134 24.6 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 0.249 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080822.D
 Acq: 30 Jan 2024 18:23

Tgt Ion:119 Resp: 1054
 Ion Ratio Lower Upper
 119 100
 134 5.7 12.4 37.2#
 91 0.0 13.5 40.4#





#87

1,3-Dichlorobenzene

Concen: 0.383 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

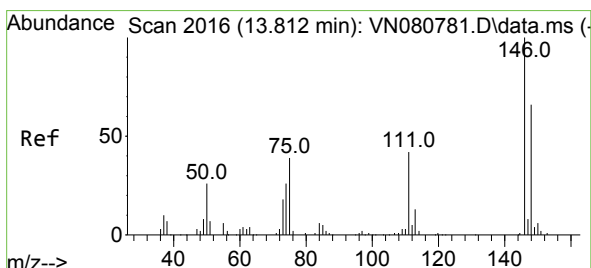
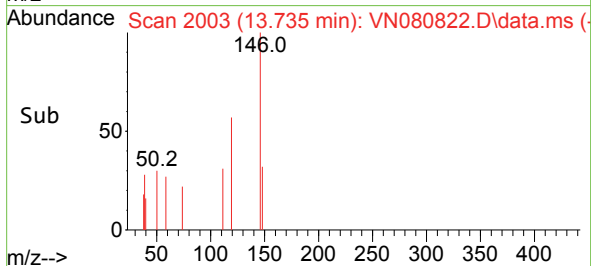
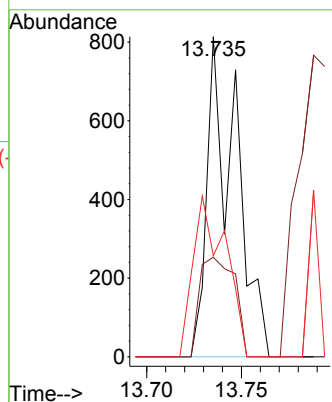
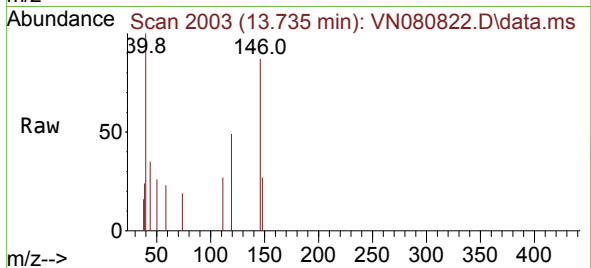
Tgt Ion:146 Resp: 851

Ion Ratio Lower Upper

146 100

111 38.3 23.9 71.7

148 56.8 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 0.382 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.076 min

Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

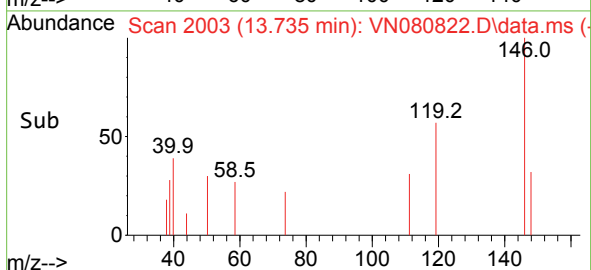
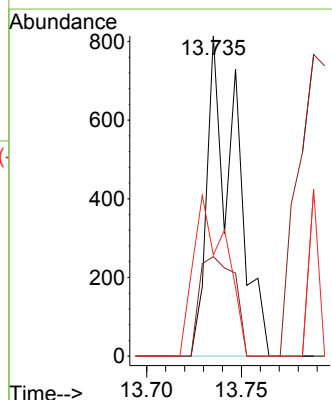
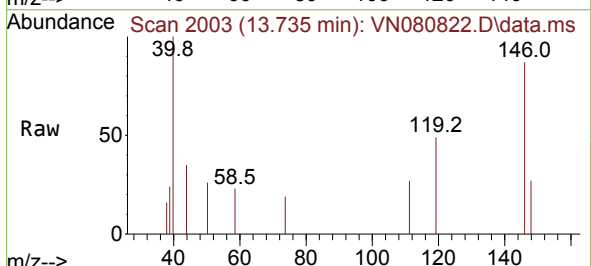
Tgt Ion:146 Resp: 851

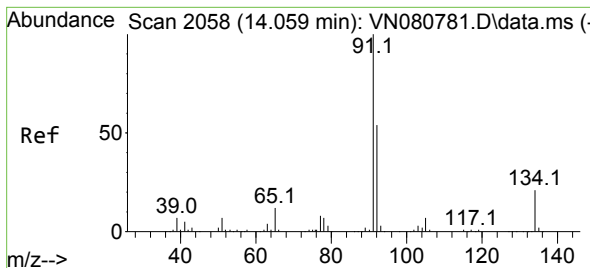
Ion Ratio Lower Upper

146 100

111 38.3 22.6 67.7

148 56.8 31.9 95.5





#89

n-Butylbenzene

Concen: 0.293 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080822.D

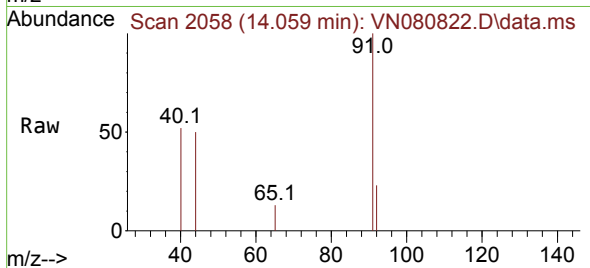
Acq: 30 Jan 2024 18:23

Instrument :

MSVOA_N

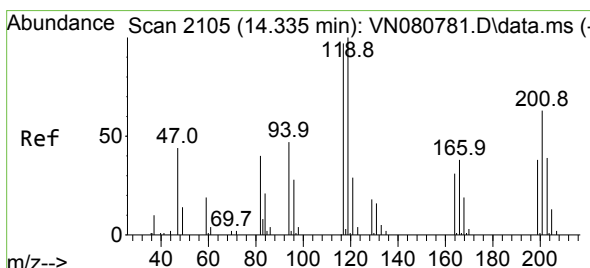
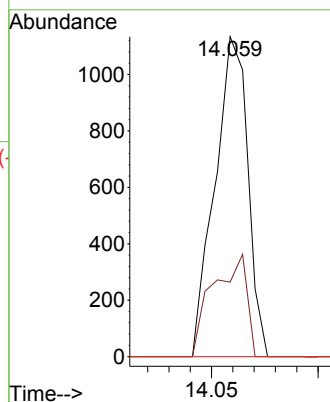
ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 91 Resp: 1215

Ion	Ratio	Lower	Upper
91	100		
92	32.8	26.7	80.1
134	0.0	10.8	32.4



#90

Hexachloroethane

Concen: 0.109 ug/l

RT: 14.329 min Scan# 2104

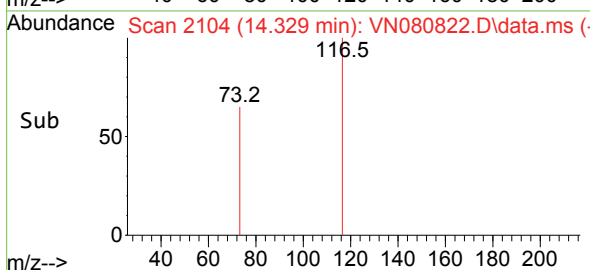
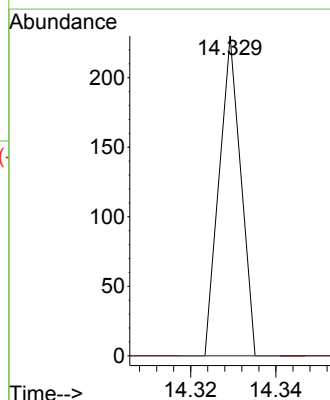
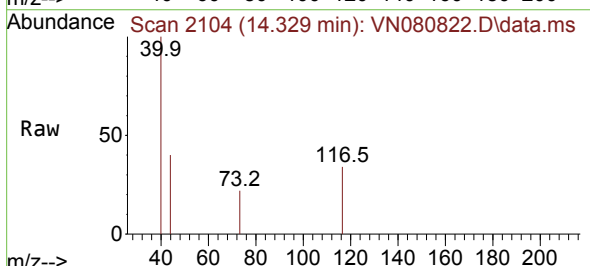
Delta R.T. -0.006 min

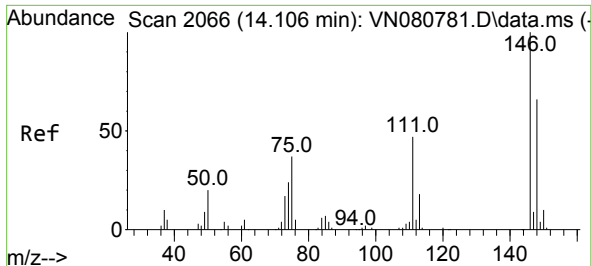
Lab File: VN080822.D

Acq: 30 Jan 2024 18:23

Tgt Ion: 117 Resp: 81

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.0	90.0

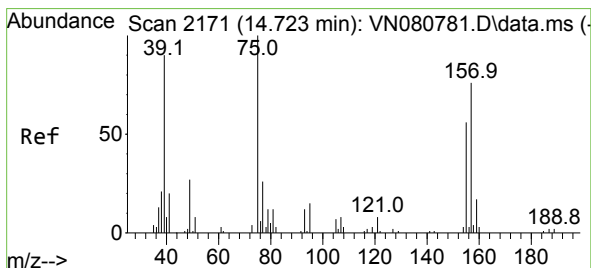
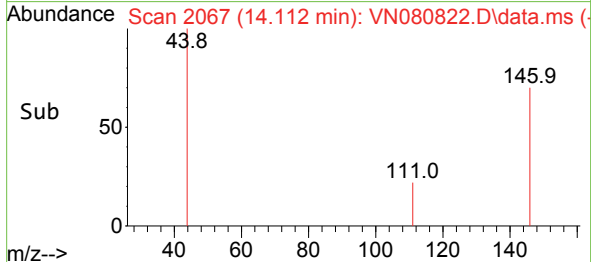
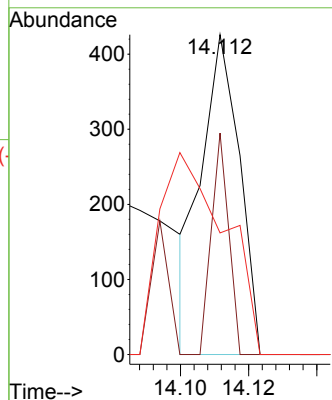
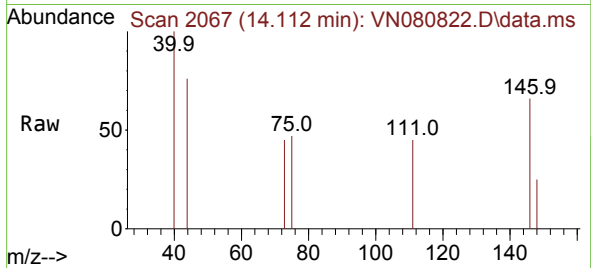




#91
1,2-Dichlorobenzene
Concen: 0.159 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

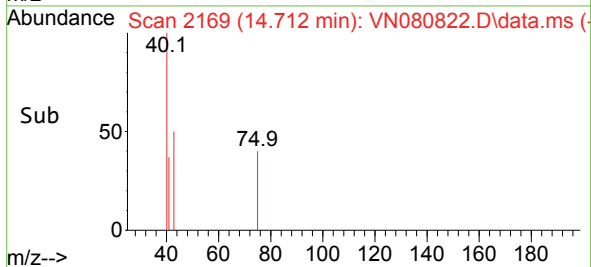
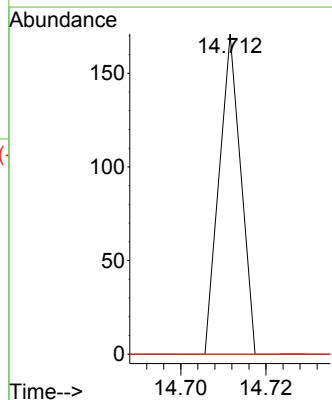
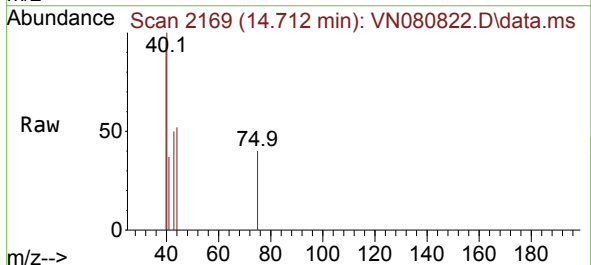
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

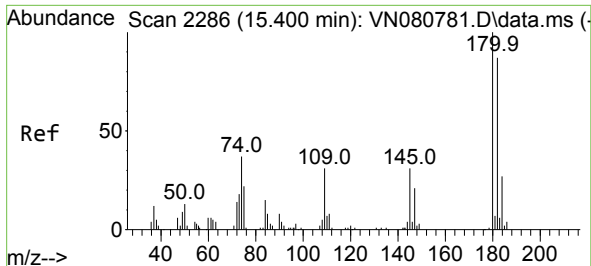
Tgt Ion:146 Resp: 323
Ion Ratio Lower Upper
146 100
111 32.2 23.9 71.8
148 0.0 31.4 94.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.157 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.012 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
155 0.0 31.8 95.4#
157 0.0 41.1 123.4#

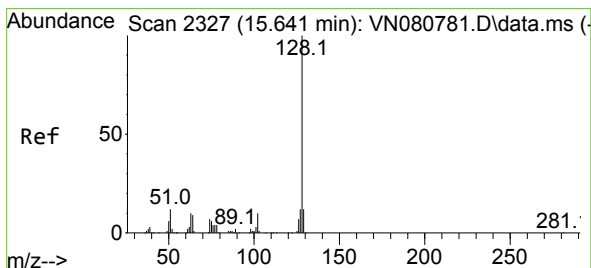
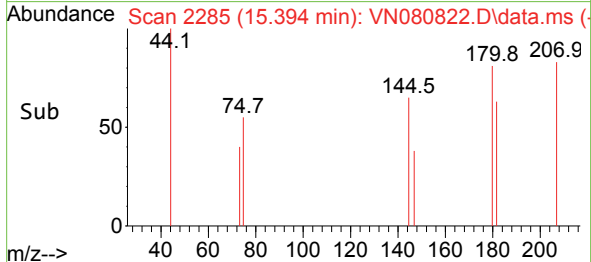
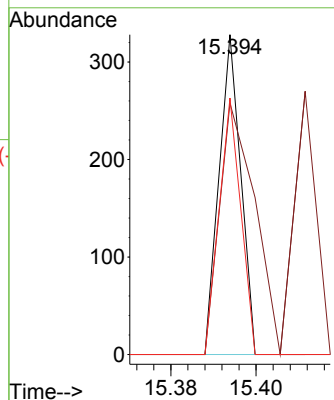
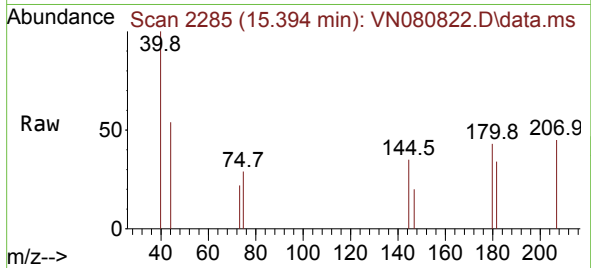




#93
1,2,4-Trichlorobenzene
Concen: 0.111 ug/l
RT: 15.394 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

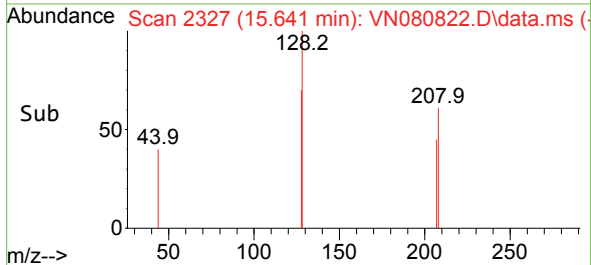
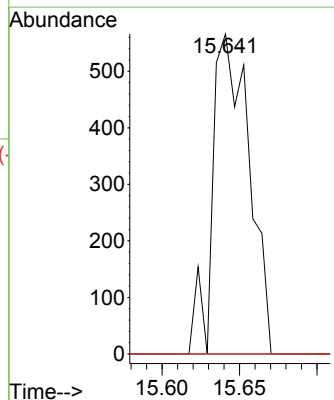
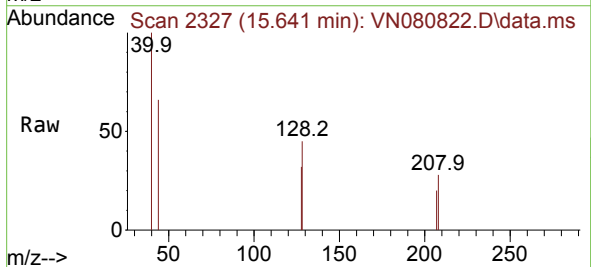
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

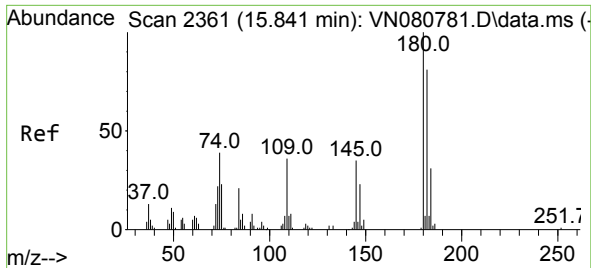
Tgt Ion:180 Resp: 116
Ion Ratio Lower Upper
180 100
182 127.6 46.6 139.7
145 80.2 16.8 50.3#



#95
Naphthalene
Concen: 0.232 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080822.D
Acq: 30 Jan 2024 18:23

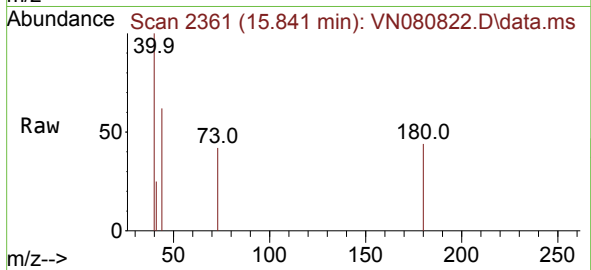
Tgt Ion:128 Resp: 930
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.239 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080822.D
 Acq: 30 Jan 2024 18:23

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



Tgt Ion:	180	Resp:	246
Ion	Ratio	Lower	Upper
180	100		
182	100.8	46.5	139.3
145	26.4	17.8	53.4

