

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081712.D
 Acq On : 12 Apr 2024 12:56
 Operator : JC\MD
 Sample : P2041-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 13 06:54:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

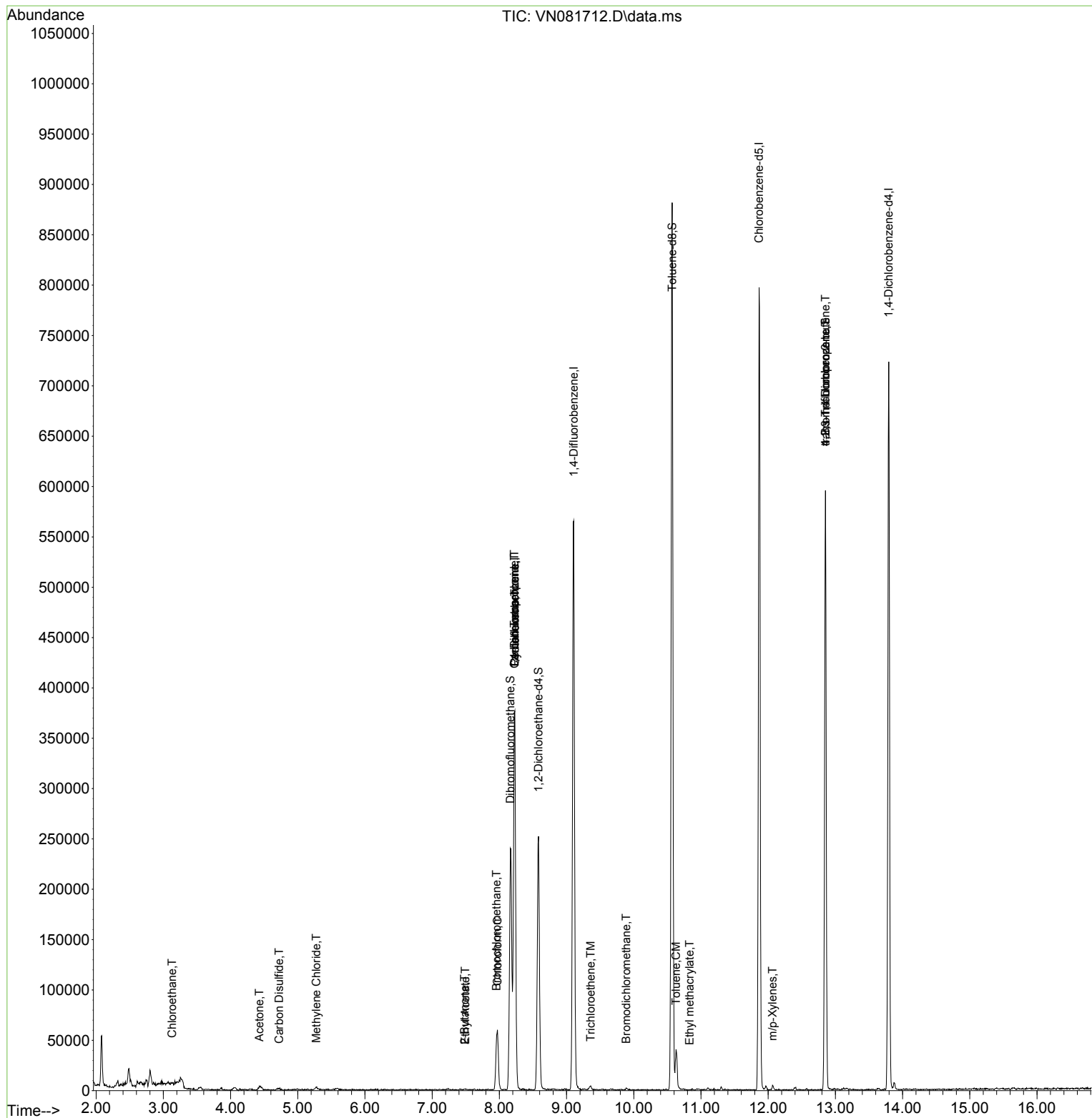
Internal Standards						
1) Pentafluorobenzene	8.230	168	268691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	487625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	467530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206055	60.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.280%			
35) Dibromofluoromethane	8.165	113	168193	54.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.300%			
50) Toluene-d8	10.571	98	606157	54.489	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.980%			
62) 4-Bromofluorobenzene	12.853	95	197243	50.319	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.640%			
Target Compounds					Qvalue	
6) Chloroethane	3.130	64	908	0.327	ug/l	97
16) Acetone	4.430	43	4604	4.158	ug/l #	86
17) Carbon Disulfide	4.724	76	2660	0.292	ug/l #	78
20) Methylene Chloride	5.277	84	1928	0.532	ug/l #	76
25) 2-Butanone	7.483	43	532	0.280	ug/l #	51
28) Bromochloromethane	7.959	49	4330	1.719	ug/l #	26
30) Chloroform	7.971	83	60753	9.177	ug/l	93
31) Cyclohexane	8.230	56	6662	1.195	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	23924	4.620	ug/l #	51
37) Ethyl Acetate	7.494	43	998	0.225	ug/l #	70
38) Carbon Tetrachloride	8.224	117	27917	4.921	ug/l #	19
44) Trichloroethene	9.359	130	1527	0.359	ug/l	91
47) Bromodichloromethane	9.888	83	1094	0.201	ug/l #	72
52) Toluene	10.629	92	16353	1.699	ug/l	96
56) Ethyl methacrylate	10.829	69	62	0.582	ug/l #	20
68) m/p-Xylenes	12.065	106	1548	0.215	ug/l	77
76) 1,2,3-Trichloropropane	12.853	75	106521	23.035	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	106521	62.248	ug/l #	14

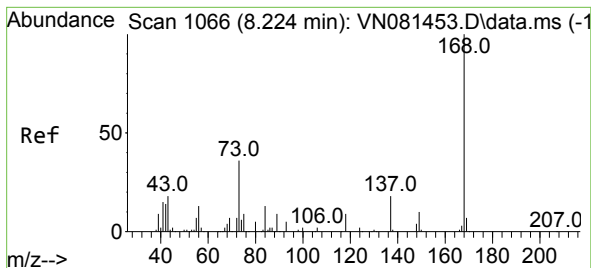
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
Data File : VN081712.D
Acq On : 12 Apr 2024 12:56
Operator : JC\MD
Sample : P2041-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 13 06:54:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

Instrument :

MSVOA_N

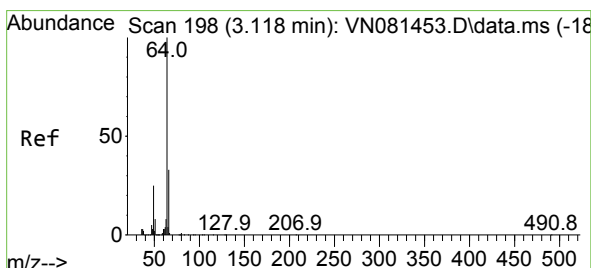
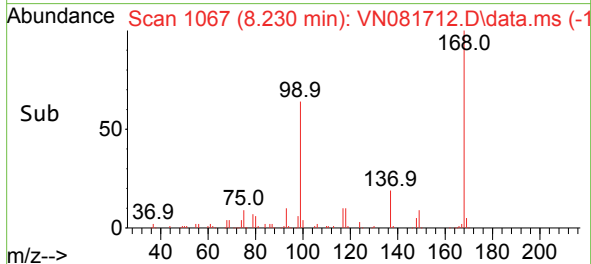
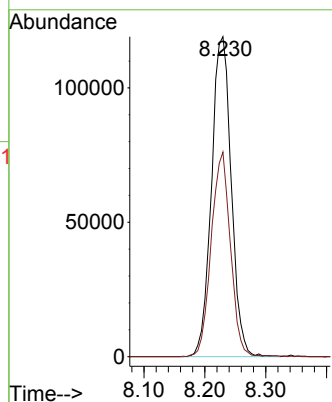
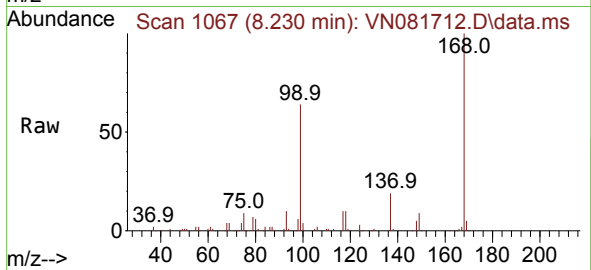
ClientSampleId :

Tgt Ion:168 Resp: 268691

Ion Ratio Lower Upper

168 100

99 64.0 59.9 89.9



#6

Chloroethane

Concen: 0.327 ug/l

RT: 3.130 min Scan# 200

Delta R.T. 0.012 min

Lab File: VN081712.D

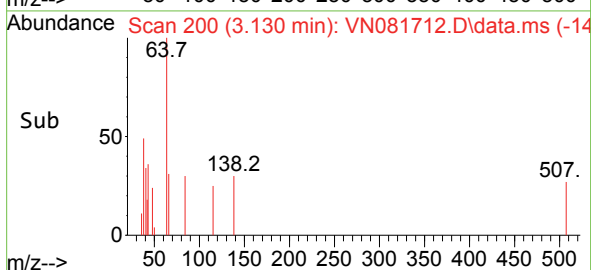
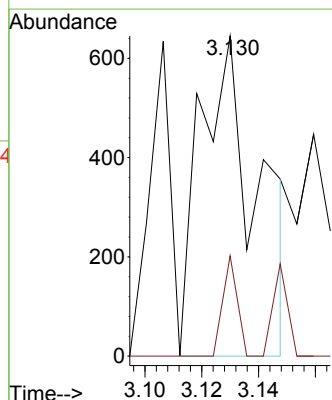
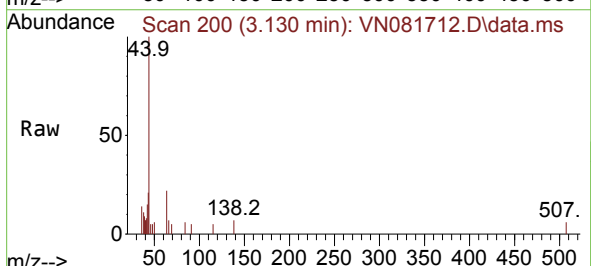
Acq: 12 Apr 2024 12:56

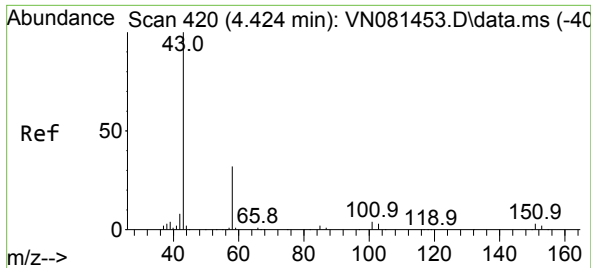
Tgt Ion: 64 Resp: 908

Ion Ratio Lower Upper

64 100

66 31.3 26.4 39.6





#16

Acetone

Concen: 4.158 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

Instrument :

MSVOA_N

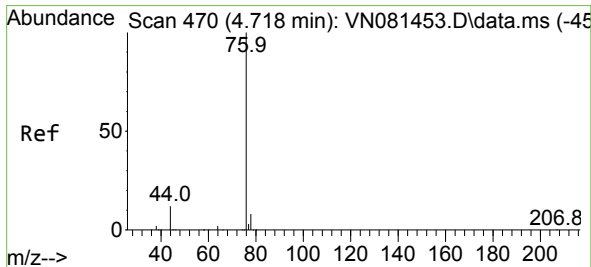
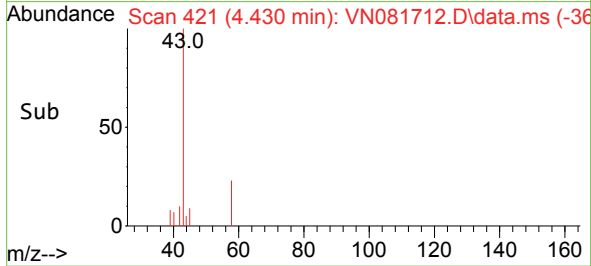
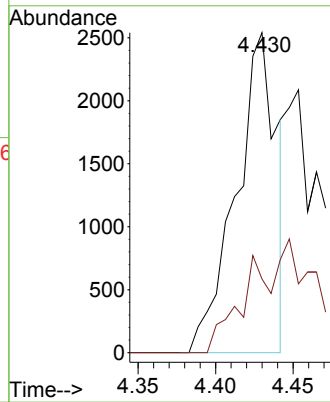
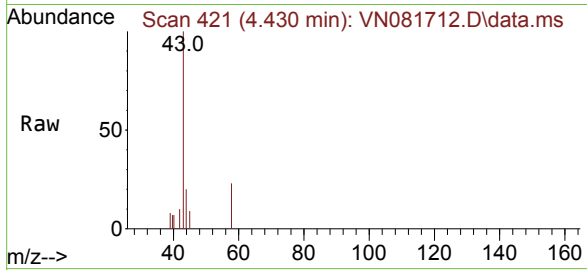
ClientSampleId :

Tgt Ion: 43 Resp: 4604

Ion Ratio Lower Upper

43 100

58 23.1 24.8 37.2#



#17

Carbon Disulfide

Concen: 0.292 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN081712.D

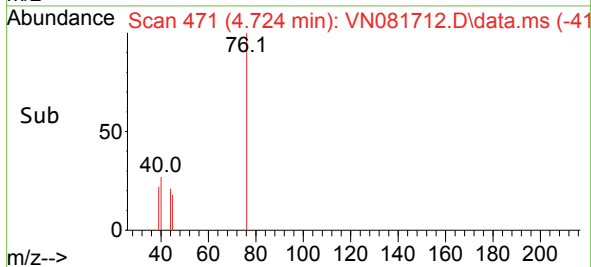
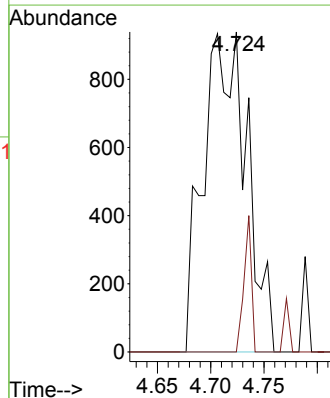
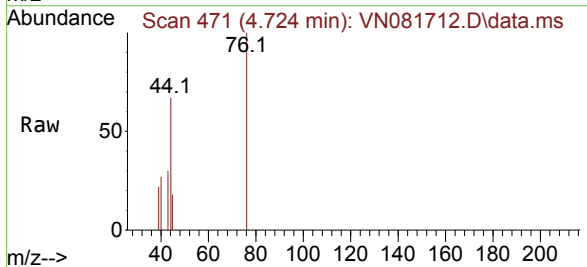
Acq: 12 Apr 2024 12:56

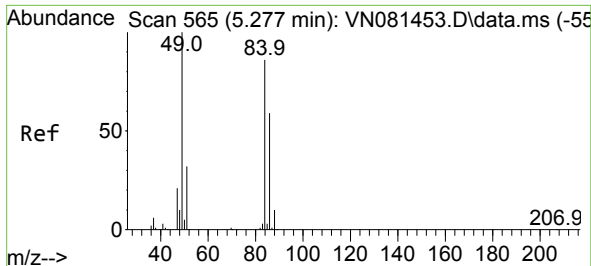
Tgt Ion: 76 Resp: 2660

Ion Ratio Lower Upper

76 100

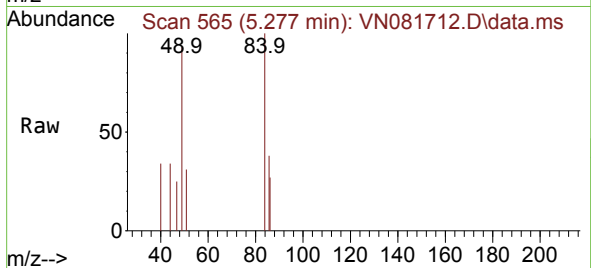
78 0.0 6.3 9.5#





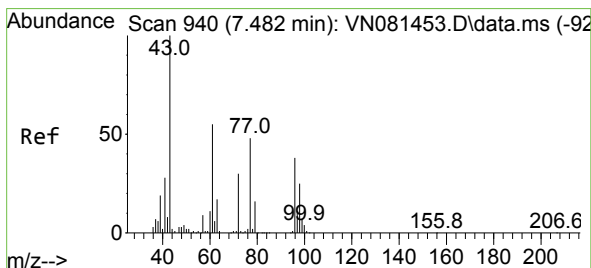
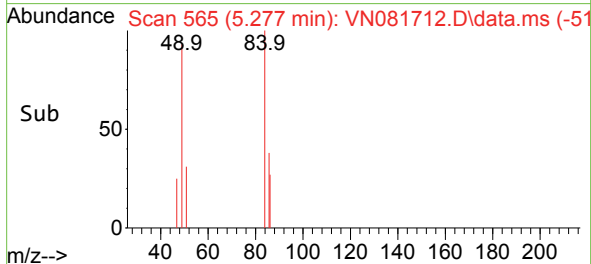
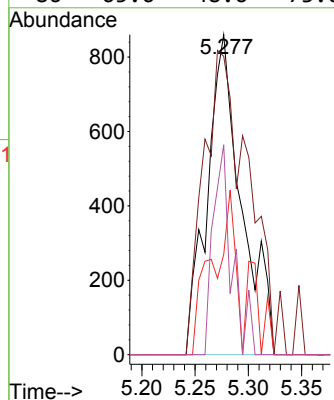
#20
Methylene Chloride
Concen: 0.532 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1928

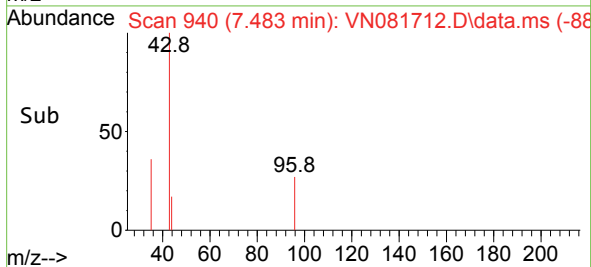
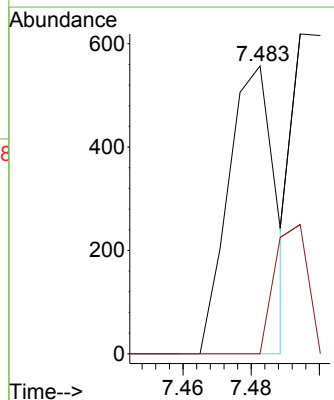
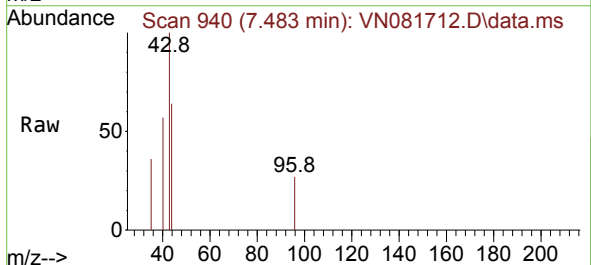
Ion	Ratio	Lower	Upper
84	100		
49	93.3	108.1	162.1#
51	31.3	32.9	49.3#
86	65.6	48.6	73.0

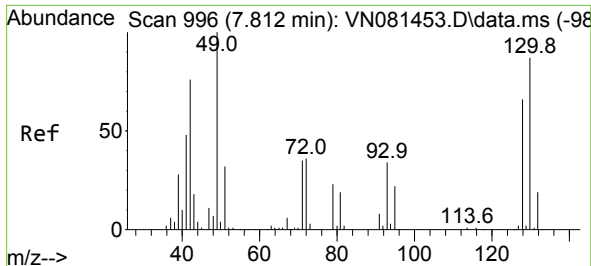


#25
2-Butanone
Concen: 0.280 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

Tgt Ion: 43 Resp: 532

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.5	29.3#

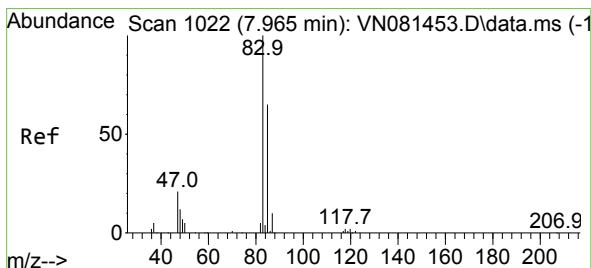
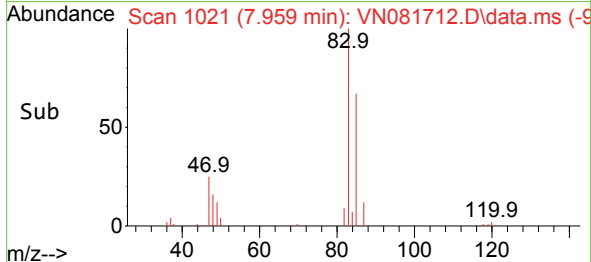
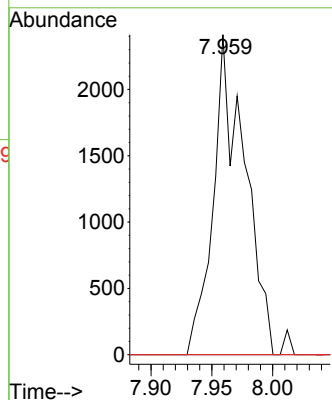
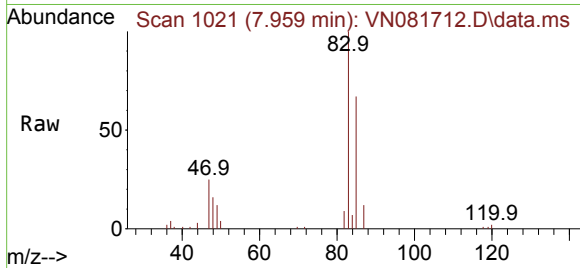




#28
Bromochloromethane
Concen: 1.719 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.147 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

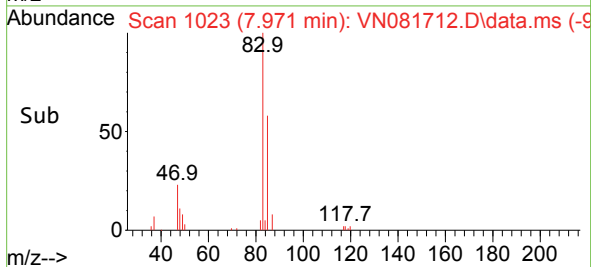
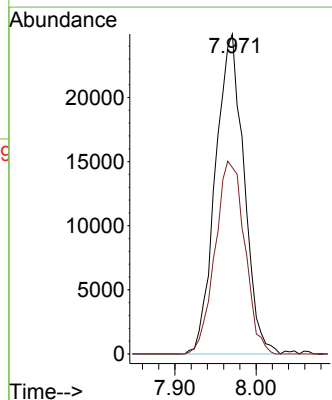
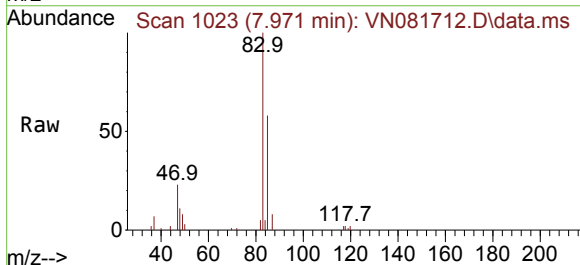
Instrument :
MSVOA_N
ClientSampleId :

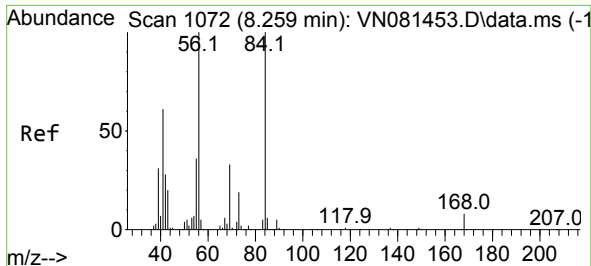
Tgt Ion: 49 Resp: 4330
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 0.0 42.3 63.5#



#30
Chloroform
Concen: 9.177 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

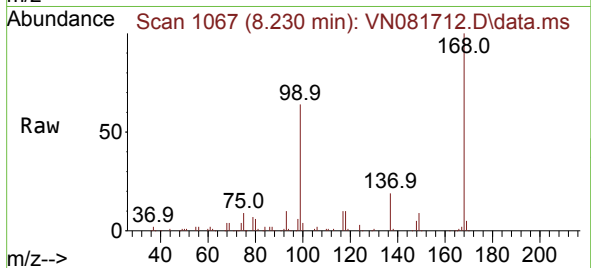
Tgt Ion: 83 Resp: 60753
Ion Ratio Lower Upper
83 100
85 58.3 51.0 76.6



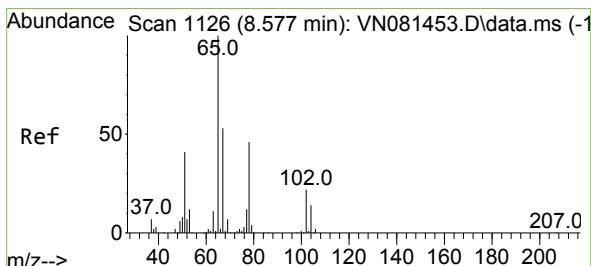
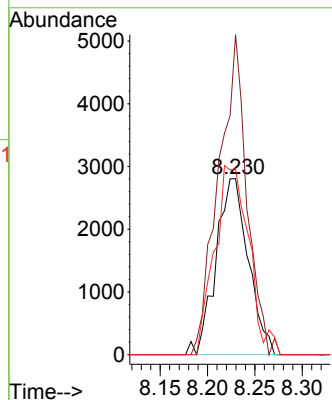
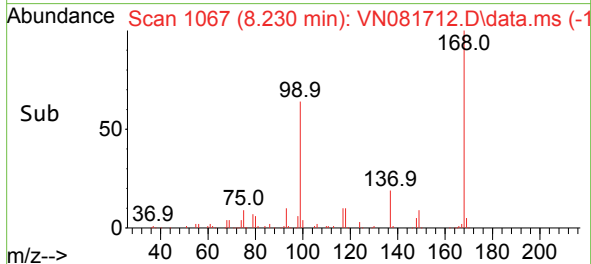


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :

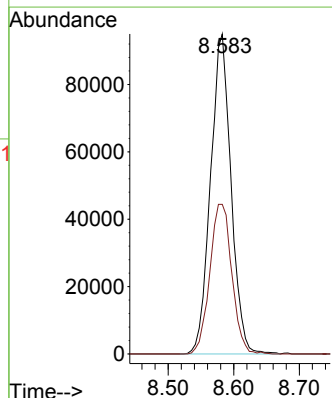
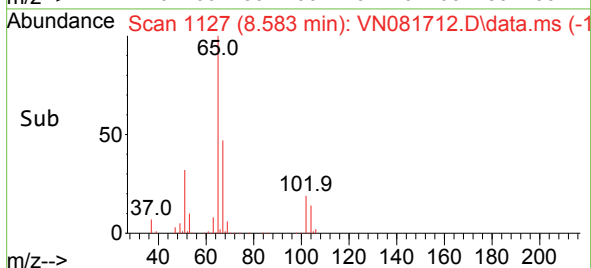
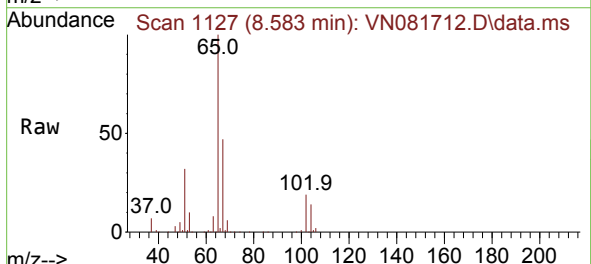


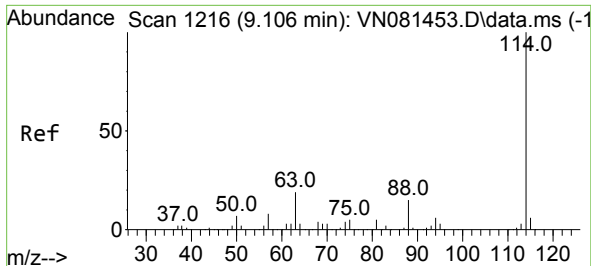
Tgt Ion: 56 Resp: 6662
Ion Ratio Lower Upper
56 100
69 181.9 20.1 30.1#
84 105.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 60.135 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

Tgt Ion: 65 Resp: 206055
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

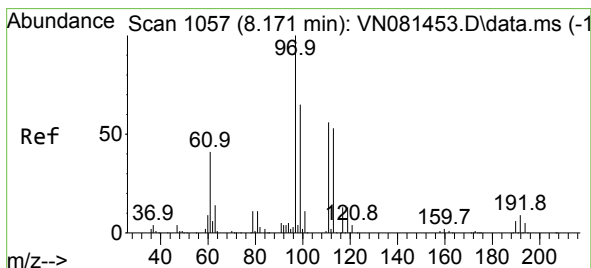
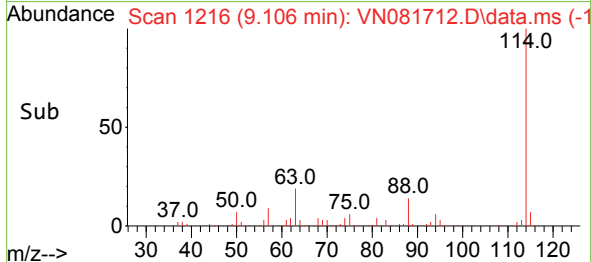
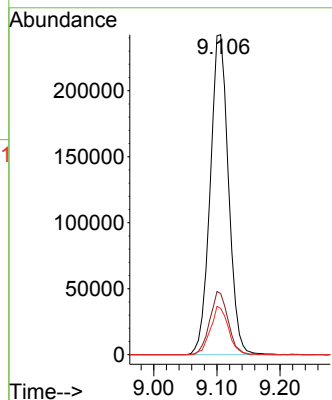
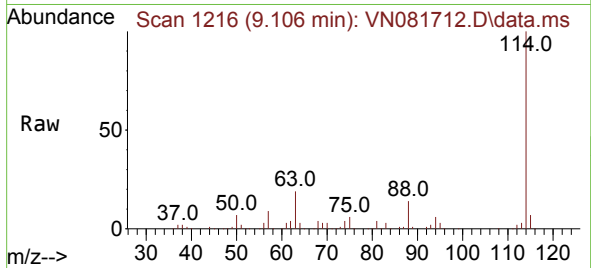




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

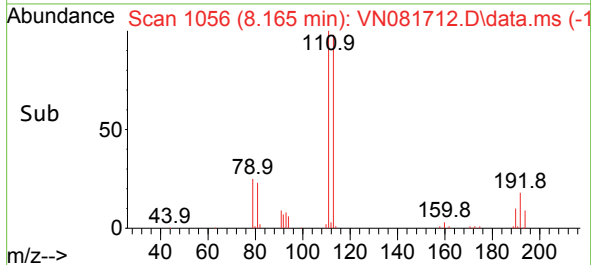
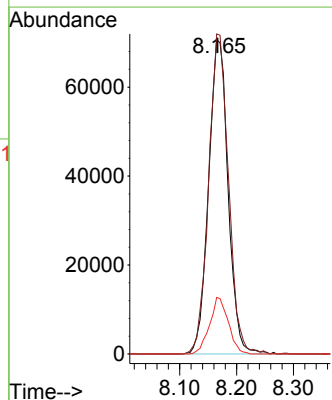
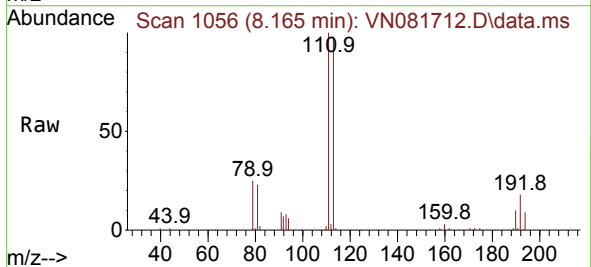
Instrument :
MSVOA_N
ClientSampleId :

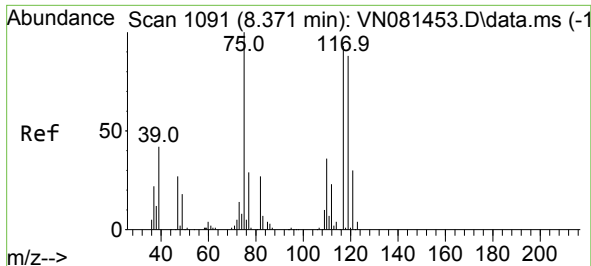
Tgt Ion:114 Resp: 487625
Ion Ratio Lower Upper
114 100
63 19.1 0.0 48.0
88 14.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 54.654 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

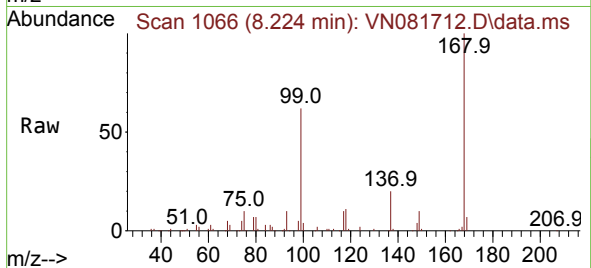
Tgt Ion:113 Resp: 168193
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.3 12.5 18.7



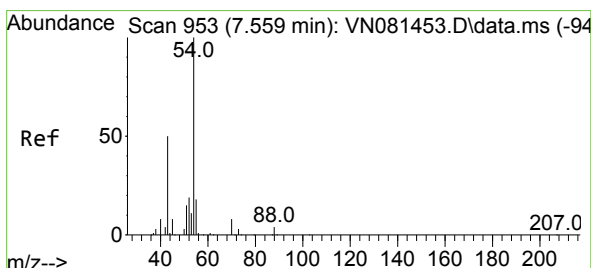
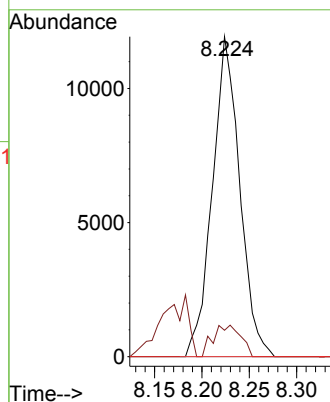
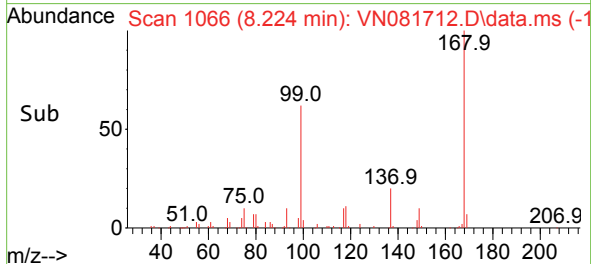


#36
1,1-Dichloropropene
Concen: 4.620 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :

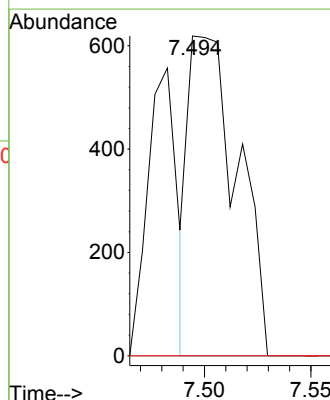
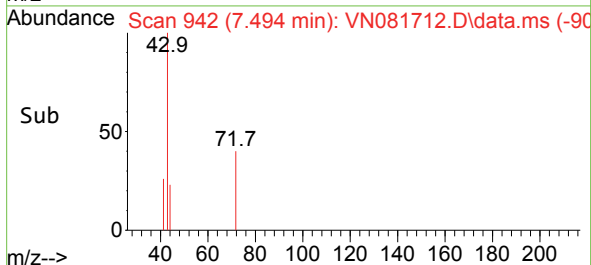
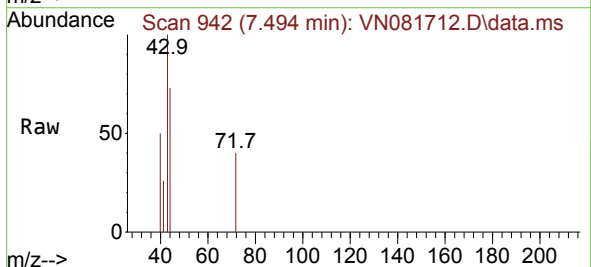


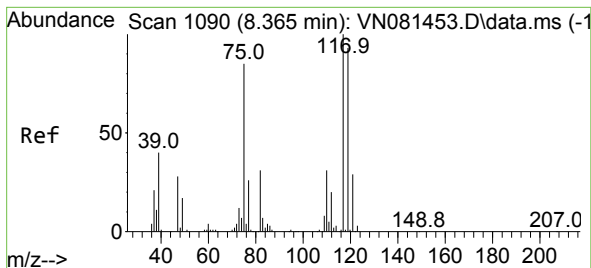
Tgt Ion: 75 Resp: 23924
Ion Ratio Lower Upper
75 100
110 10.0 16.0 48.0#
77 0.0 25.8 38.6#



#37
Ethyl Acetate
Concen: 0.225 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.065 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 4.921 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

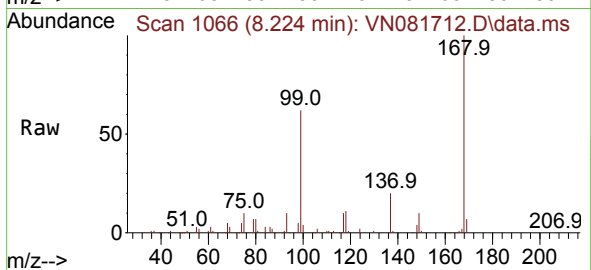
Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :



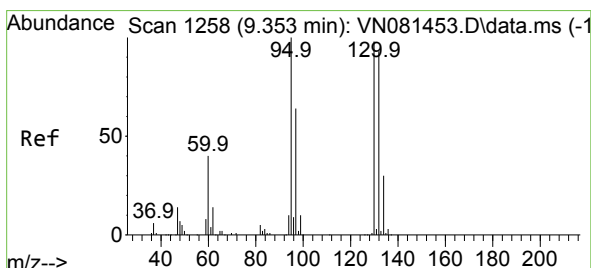
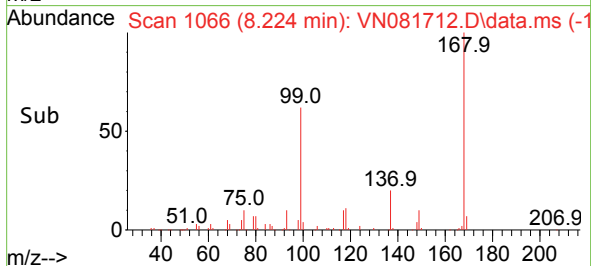
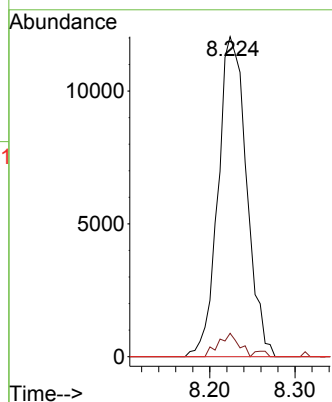
Tgt Ion:117 Resp: 27917

Ion Ratio Lower Upper

117 100

119 7.3 73.4 110.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.359 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN081712.D

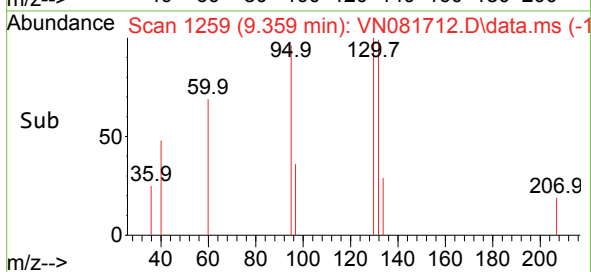
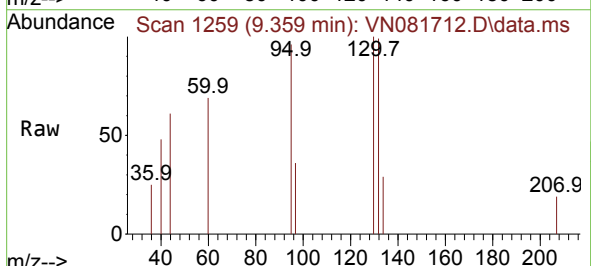
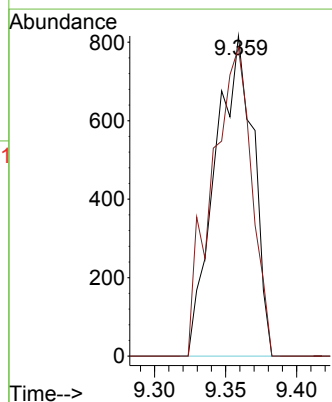
Acq: 12 Apr 2024 12:56

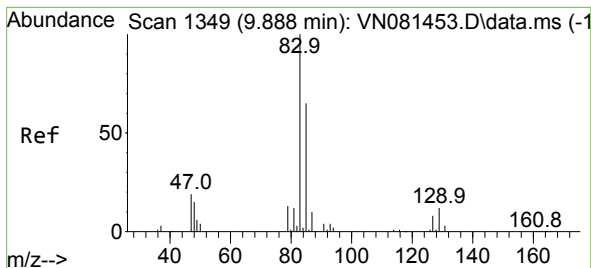
Tgt Ion:130 Resp: 1527

Ion Ratio Lower Upper

130 100

95 96.3 0.0 210.4





#47

Bromodichloromethane

Concen: 0.201 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

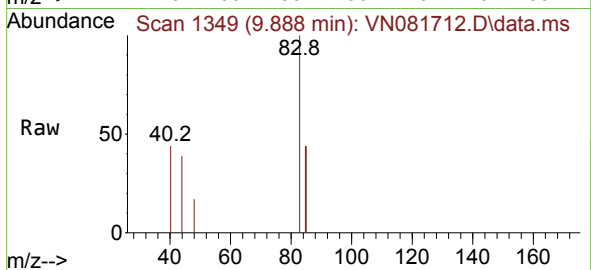
Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

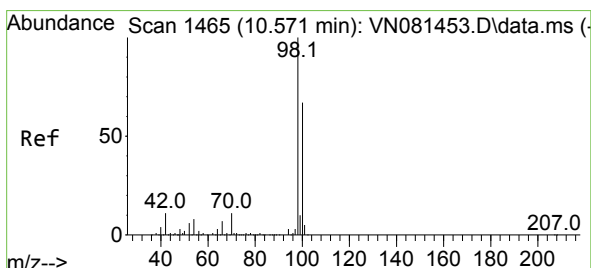
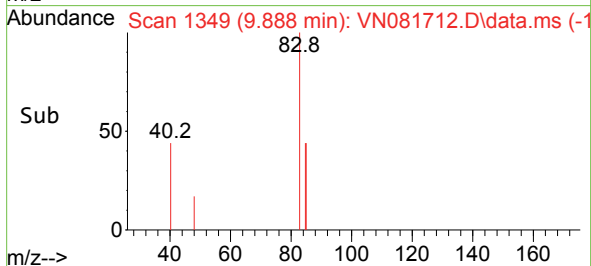
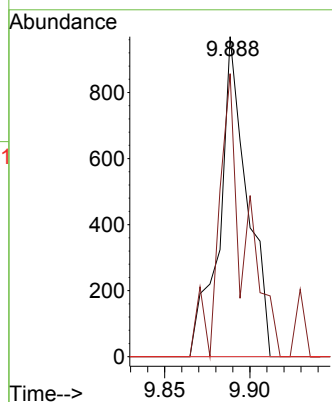
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 83	Resp:	1094
Ion Ratio	Lower	Upper
83	100	
85	88.4	52.3 78.5#
127	0.0	4.6 7.0#



#50

Toluene-d8

Concen: 54.489 ug/l

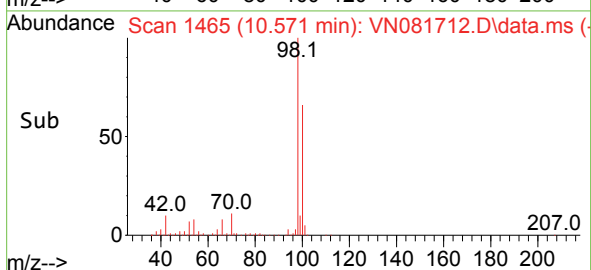
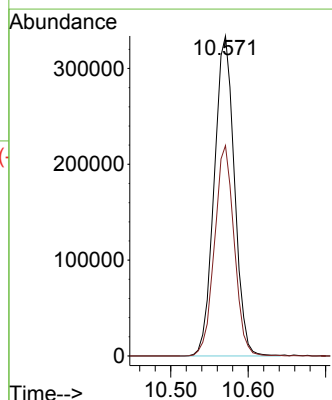
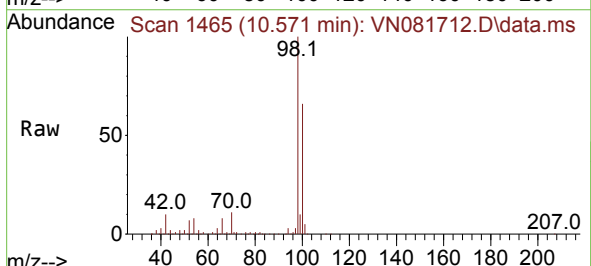
RT: 10.571 min Scan# 1465

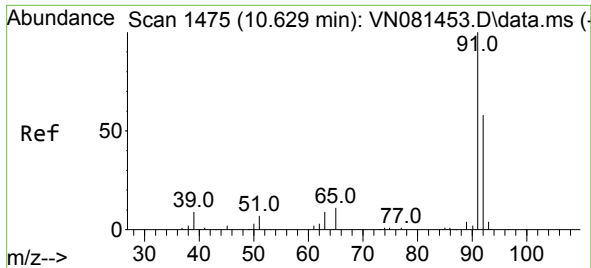
Delta R.T. 0.000 min

Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

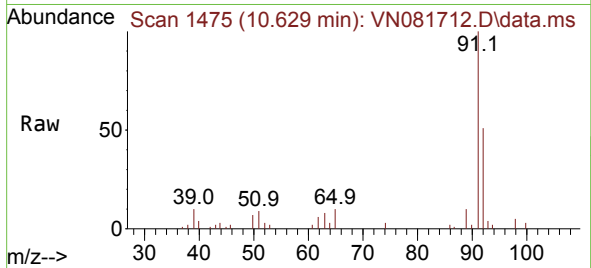
Tgt Ion: 98	Resp:	606157
Ion Ratio	Lower	Upper
98	100	
100	64.0	51.4 77.0



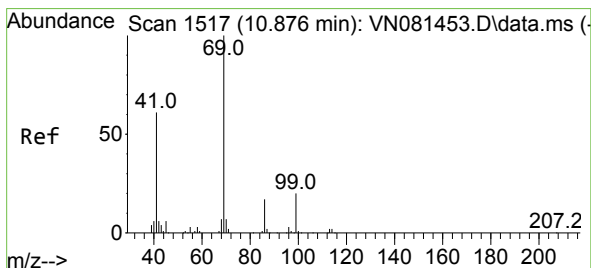
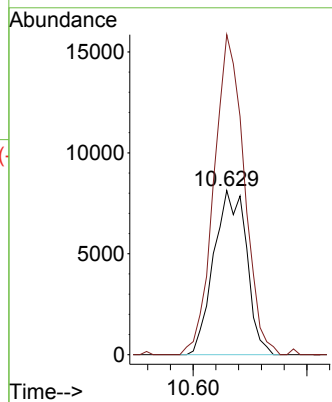
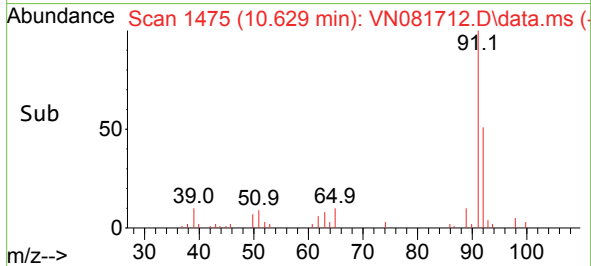


#52
Toluene
Concen: 1.699 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

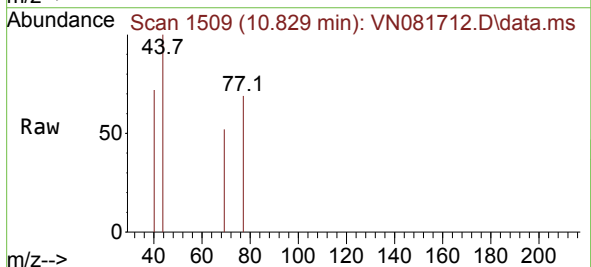
Instrument :
MSVOA_N
ClientSampleId :



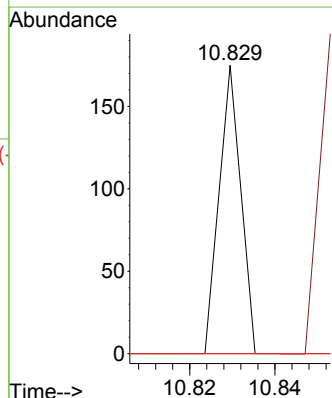
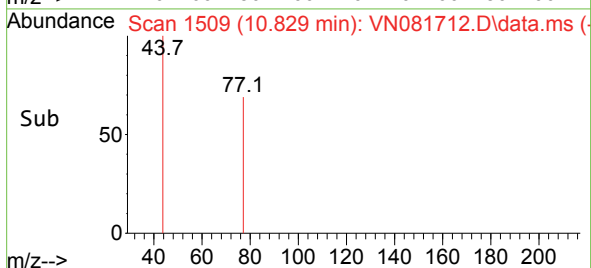
Tgt Ion: 92 Resp: 16353
Ion Ratio Lower Upper
92 100
91 179.6 139.4 209.0

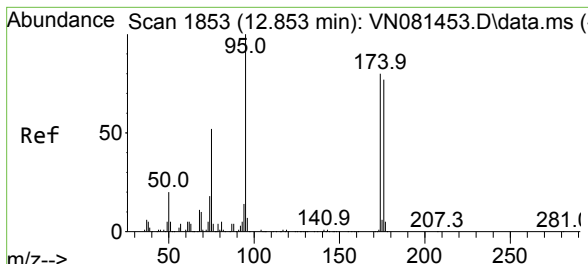


#56
Ethyl methacrylate
Concen: 0.582 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.047 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56



Tgt Ion: 69 Resp: 62
Ion Ratio Lower Upper
69 100
41 0.0 61.0 91.6#
39 0.0 31.8 47.6#

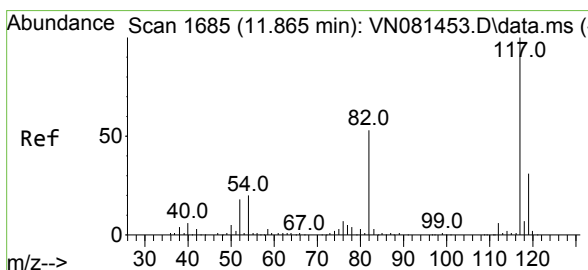
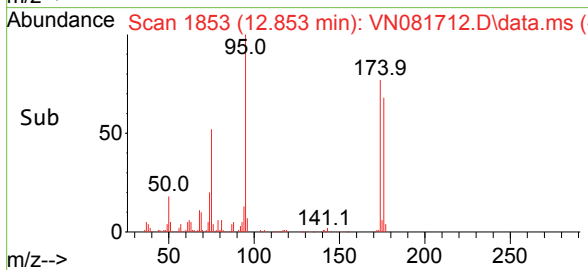
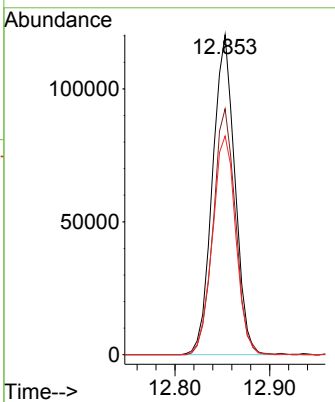
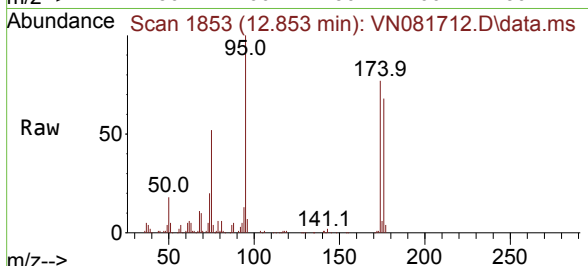




#62
 4-Bromofluorobenzene
 Concen: 50.319 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081712.D
 Acq: 12 Apr 2024 12:56

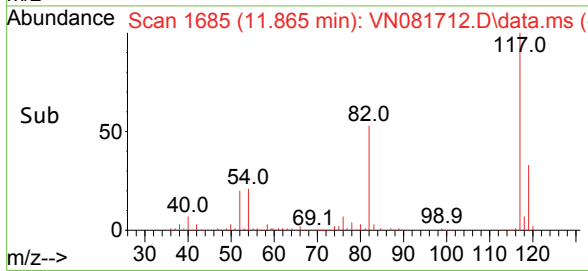
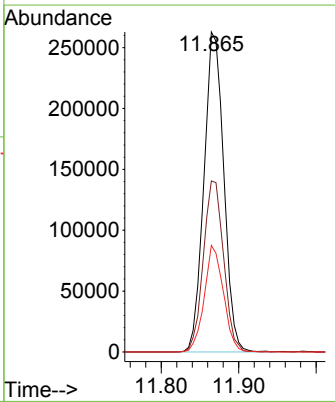
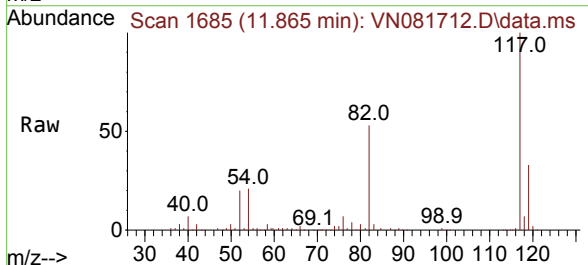
Instrument :
 MSVOA_N
 ClientSampleId :

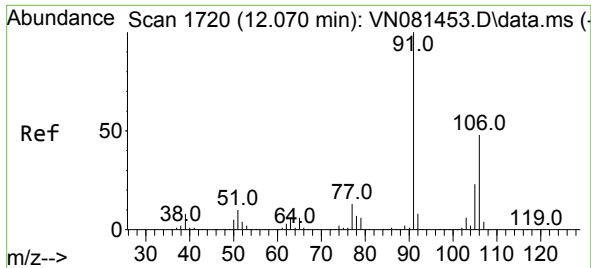
Tgt Ion:	95	Resp:	197243
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	120.4
176	71.5	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081712.D
 Acq: 12 Apr 2024 12:56

Tgt Ion:	117	Resp:	467530
Ion	Ratio	Lower	Upper
117	100		
82	53.4	52.7	79.1
119	33.3	25.3	37.9

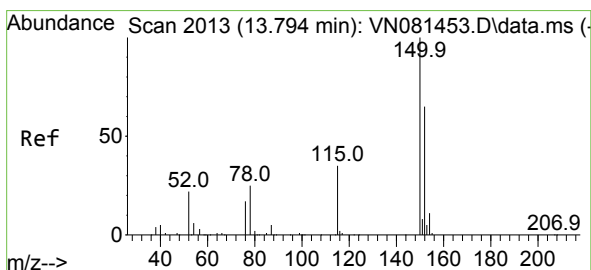
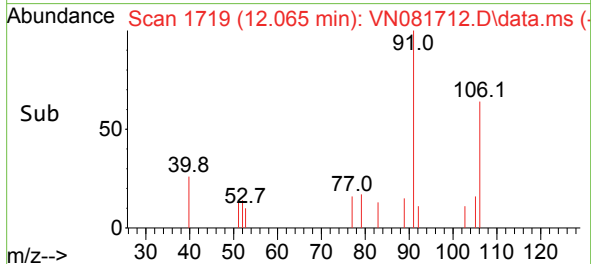
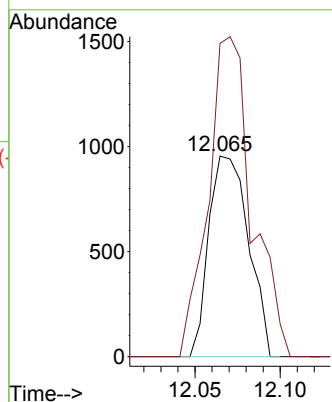
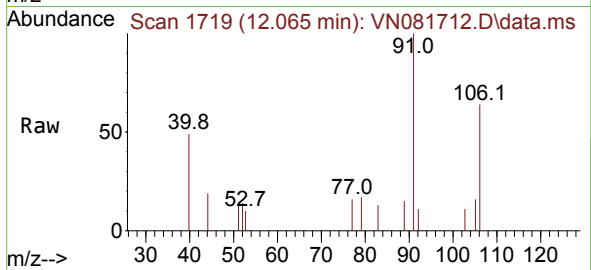




#68
m/p-Xylenes
Concen: 0.215 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

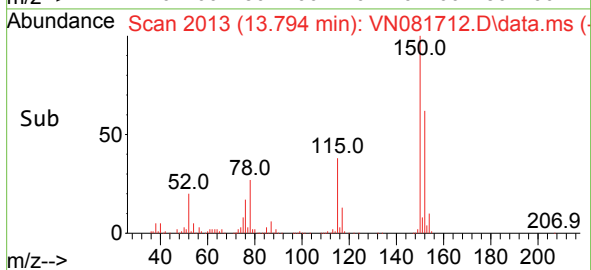
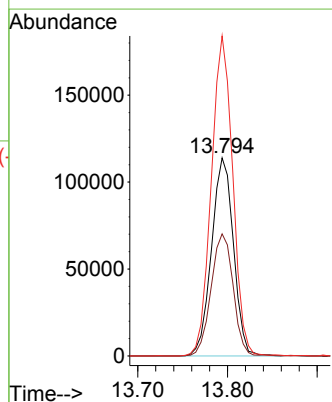
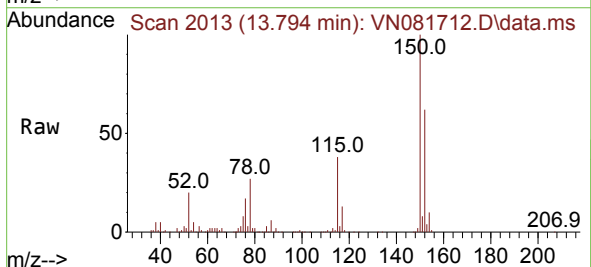
Instrument :
MSVOA_N
ClientSampleId :

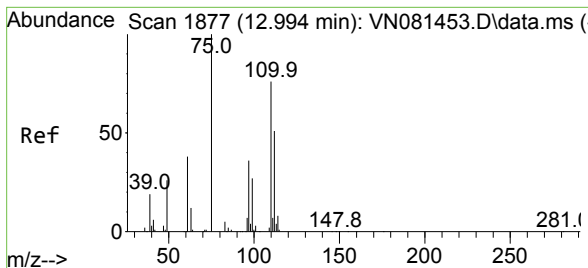
Tgt Ion:106 Resp: 1548
Ion Ratio Lower Upper
106 100
91 175.3 169.0 253.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

Tgt Ion:152 Resp: 193321
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 157.9 0.0 339.8

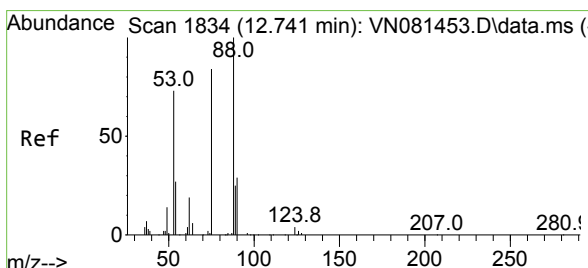
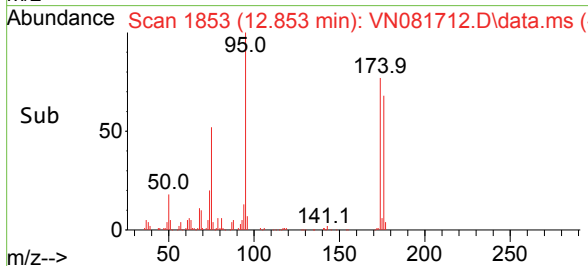
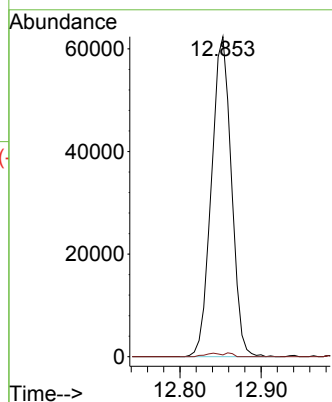
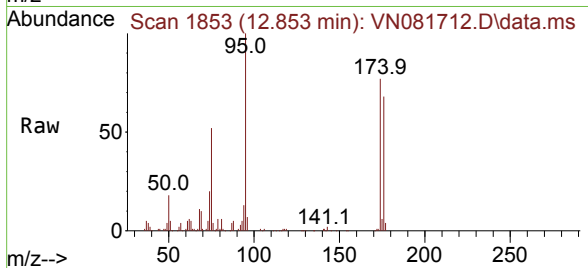




#76
1,2,3-Trichloropropane
Concen: 23.035 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 106521
Ion Ratio Lower Upper
75 100
77 0.9 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.248 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

Tgt Ion: 75 Resp: 106521
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

