

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080685.D
 Acq On : 12 Jan 2024 13:11
 Operator : JC\MD
 Sample : VN0112WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 22:10:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

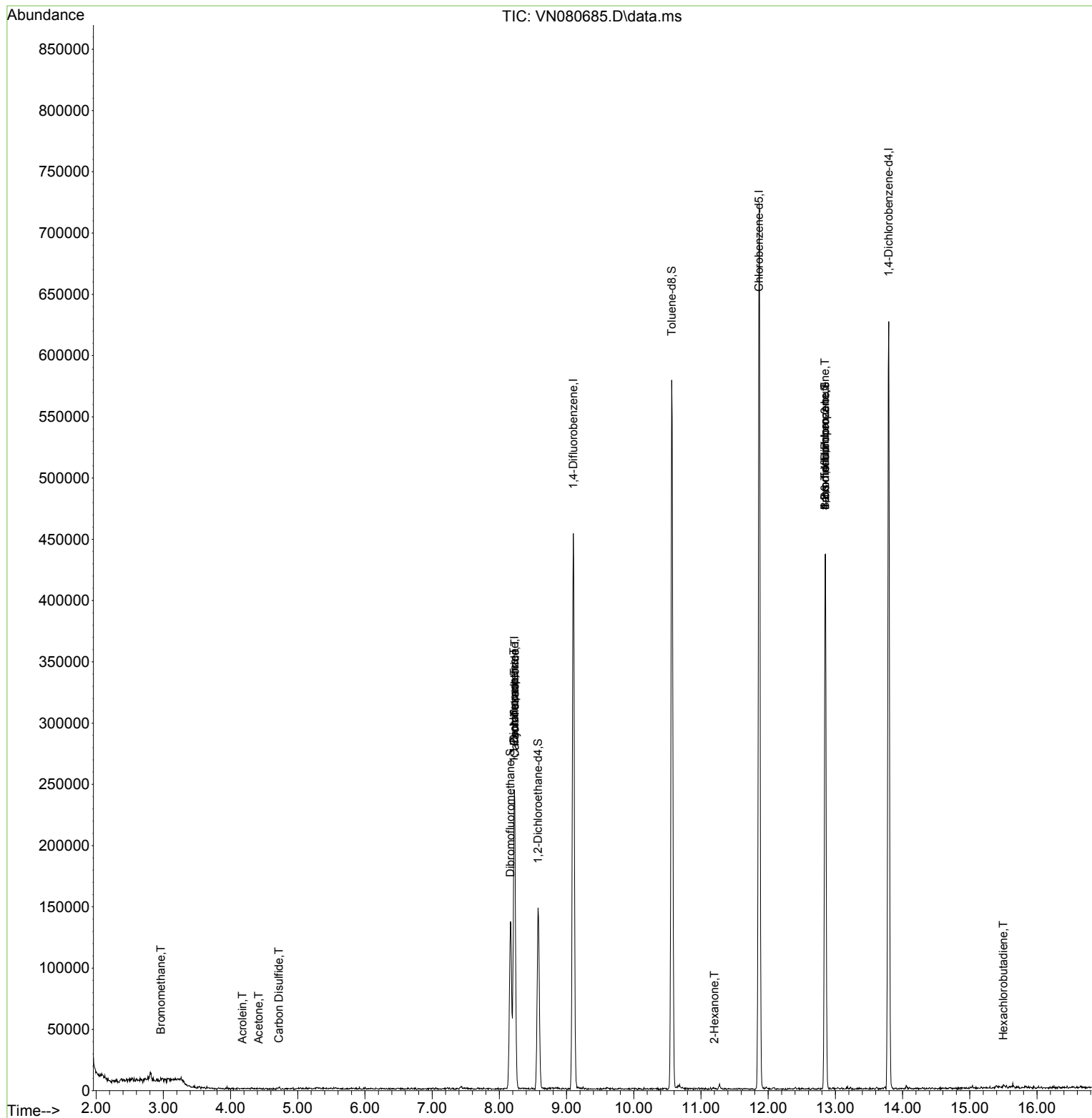
Internal Standards						
1) Pentafluorobenzene	8.224	168	160860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	369350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	375875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114066	40.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.760%
35) Dibromofluoromethane	8.165	113	96098	45.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.580%
50) Toluene-d8	10.565	98	390254	48.770	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.847	95	161542	52.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.280%
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	711	0.789	ug/l #	80
6) Chloroethane	3.218	64	66	Below Cal	#	43
13) Acrolein	4.177	56	95	0.238	ug/l #	1
16) Acetone	4.418	43	199	0.215	ug/l #	40
17) Carbon Disulfide	4.718	76	1982	0.270	ug/l #	75
31) Cyclohexane	8.224	56	6220	1.425	ug/l #	31
36) 1,1-Dichloropropene	8.218	75	17331	4.032	ug/l #	46
38) Carbon Tetrachloride	8.230	117	18651	4.832	ug/l #	17
59) 2-Hexanone	11.200	43	1076	0.353	ug/l #	27
71) Bromoform	12.847	173	915	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	87635	19.230	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	87635	45.334	ug/l #	15
94) Hexachlorobutadiene	15.500	225	602	0.479	ug/l #	52

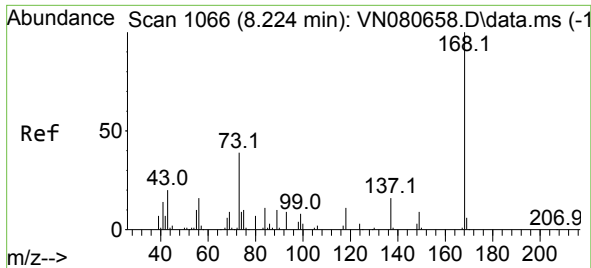
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
Data File : VN080685.D
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MSVOA_N
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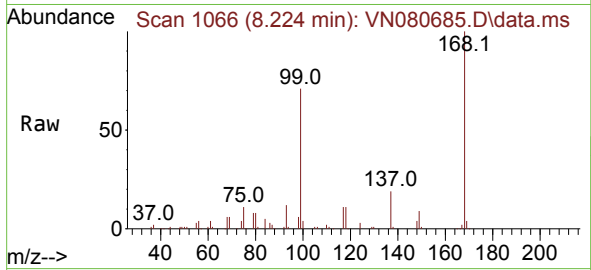
Quant Time: Jan 12 22:10:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration



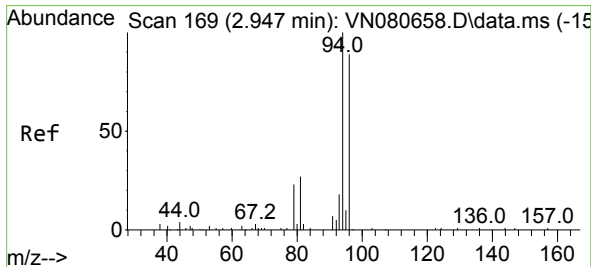
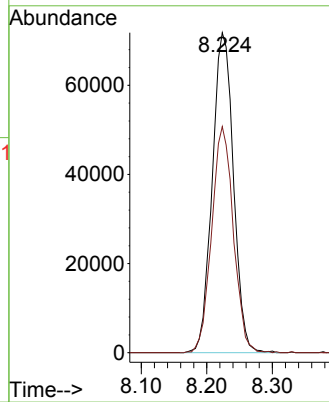
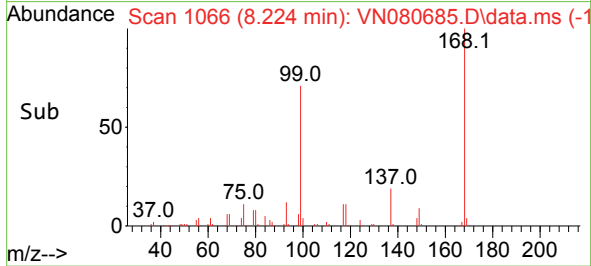


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

Instrument :
MSVOA_N
ClientSampleId :

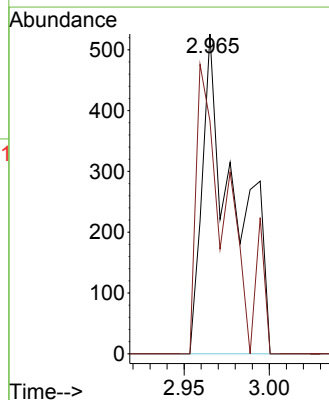
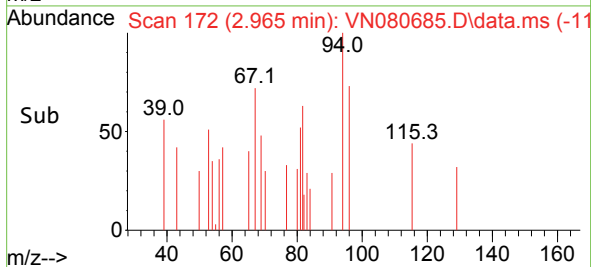
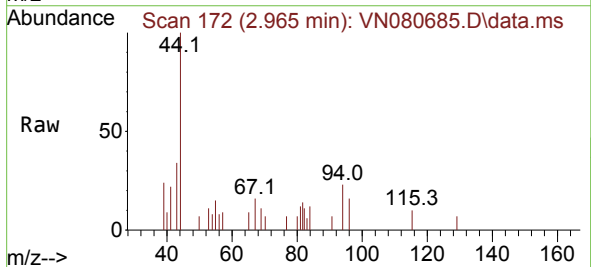


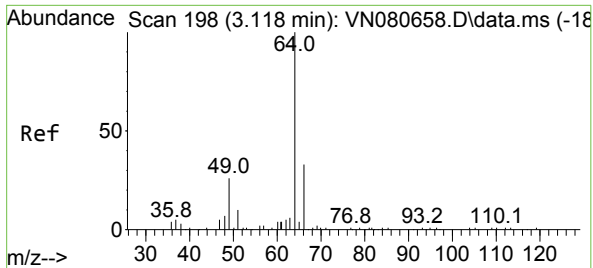
Tgt Ion:168 Resp: 160860
Ion Ratio Lower Upper
168 100
99 70.6 53.0 79.6



#5
Bromomethane
Concen: 0.789 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

Tgt Ion: 94 Resp: 711
Ion Ratio Lower Upper
94 100
96 72.8 73.1 109.7#

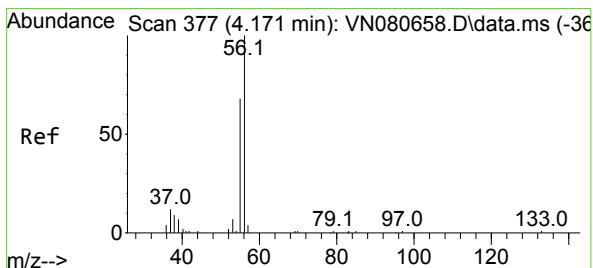
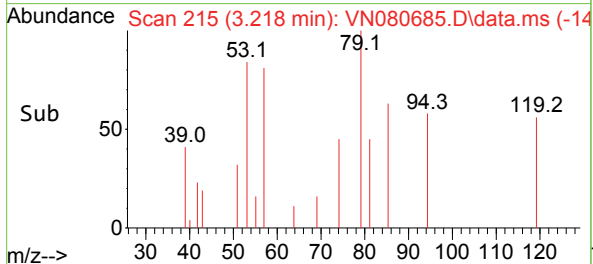
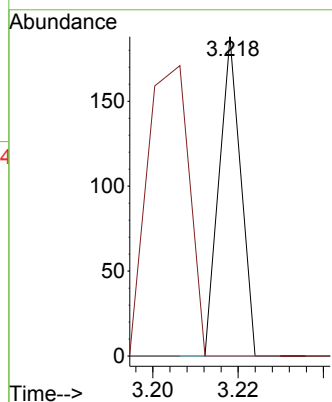
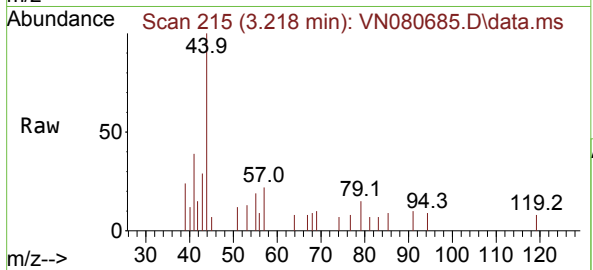




#6
Chloroethane
Concen: Below Cal
RT: 3.218 min Scan# 215
Delta R.T. 0.100 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

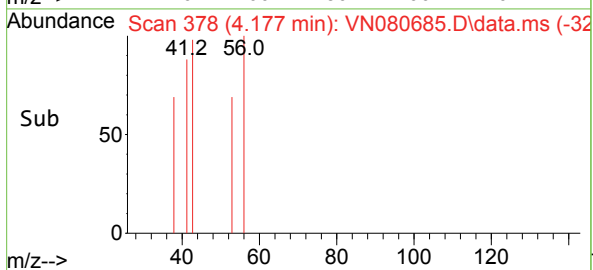
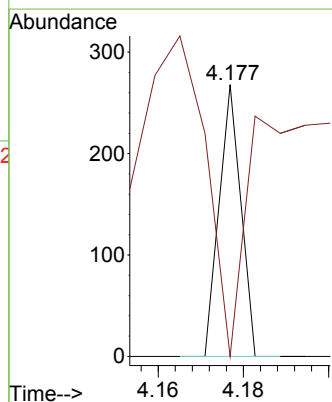
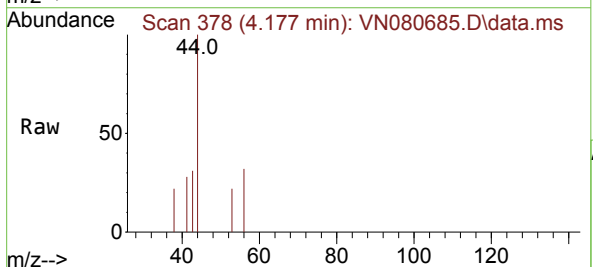
Instrument :
MSVOA_N
ClientSampleId :

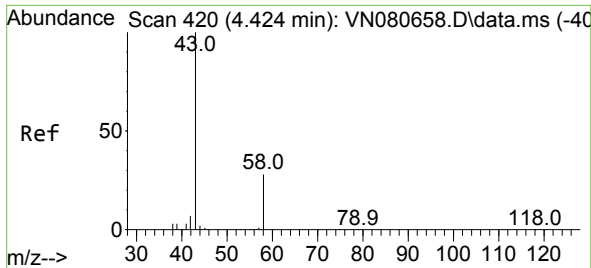
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 0.238 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 558.9 54.5 81.7#

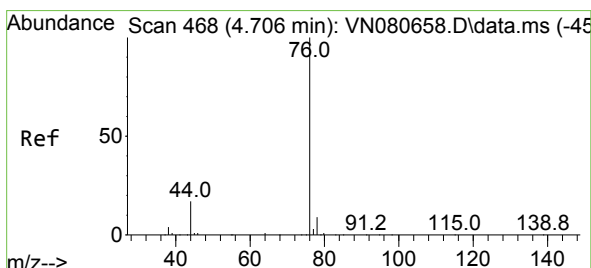
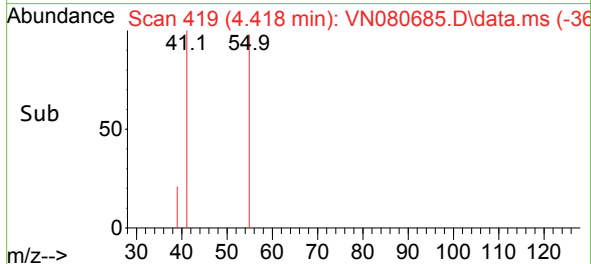
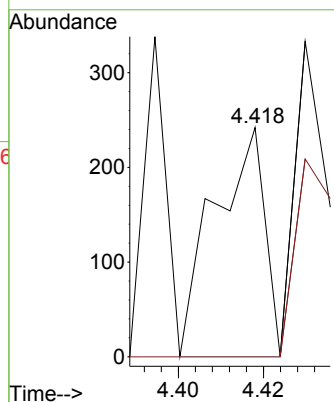
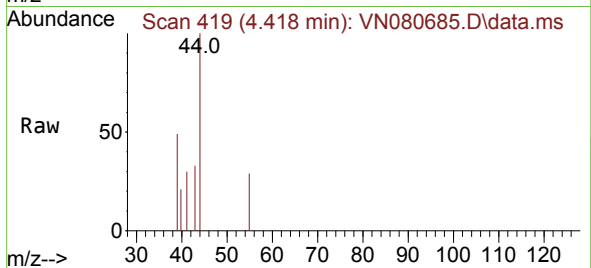




#16
Acetone
Concen: 0.215 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

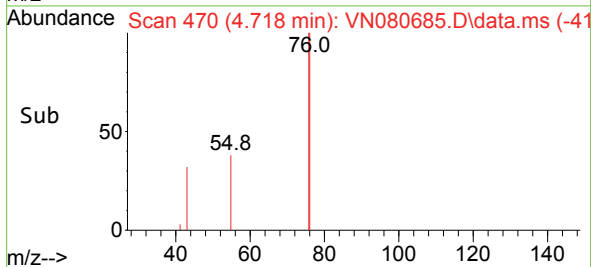
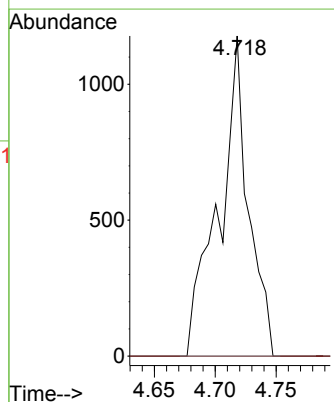
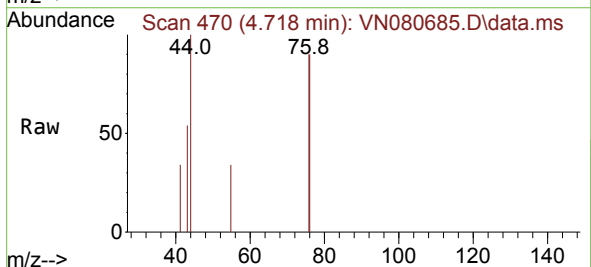
Instrument :
MSVOA_N
ClientSampleId :

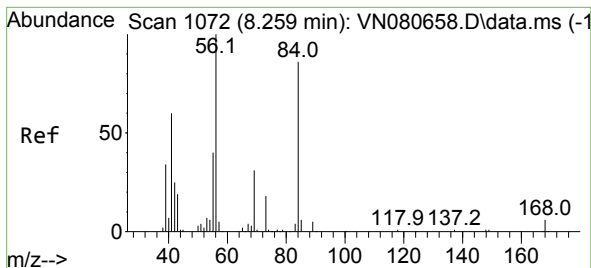
Tgt Ion: 43 Resp: 199
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

Tgt Ion: 76 Resp: 1982
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#31

Cyclohexane

Concen: 1.425 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

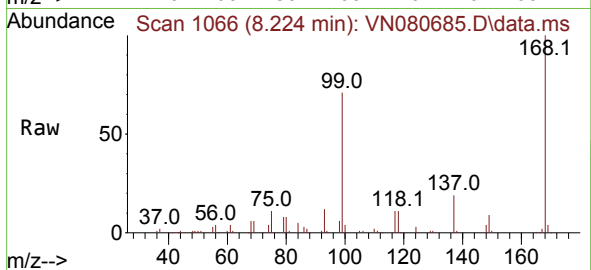
Lab File: VN080685.D

Acq: 12 Jan 2024 13:11

Instrument :

MSVOA_N

ClientSampleId :



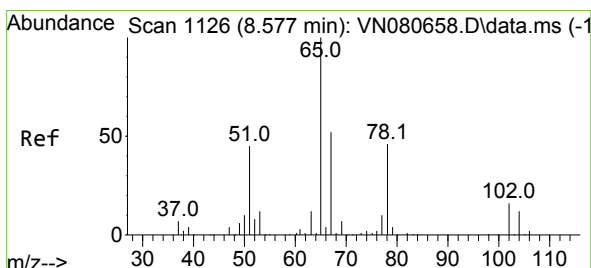
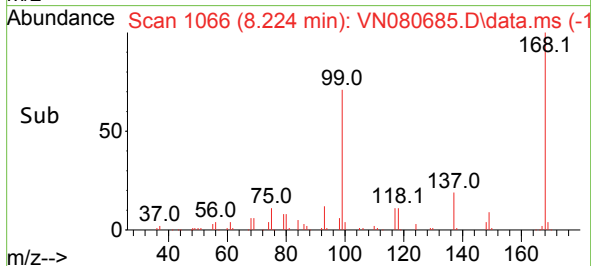
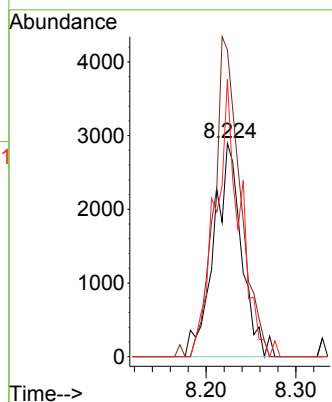
Tgt Ion: 56 Resp: 6220

Ion Ratio Lower Upper

56 100

69 143.8 26.8 40.2#

84 130.0 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 40.379 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080685.D

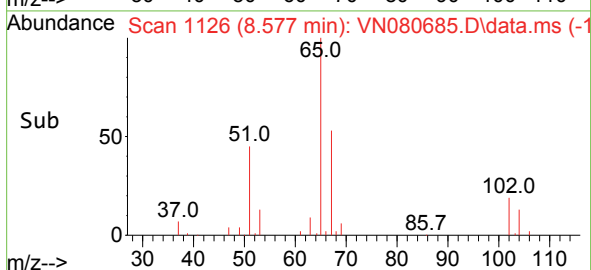
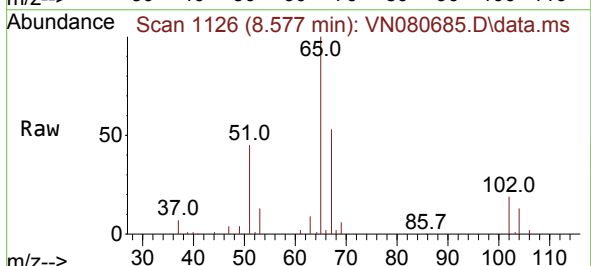
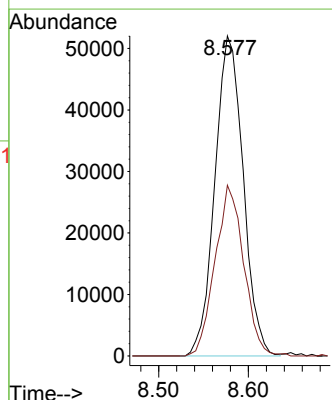
Acq: 12 Jan 2024 13:11

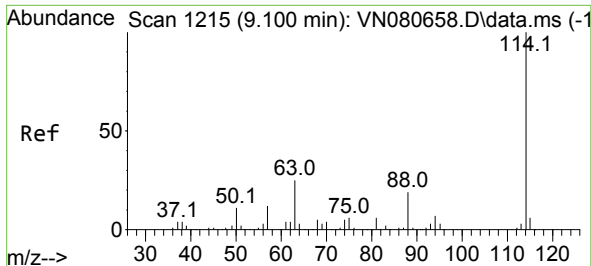
Tgt Ion: 65 Resp: 114066

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080685.D

Acq: 12 Jan 2024 13:11

Instrument :

MSVOA_N

ClientSampleId :

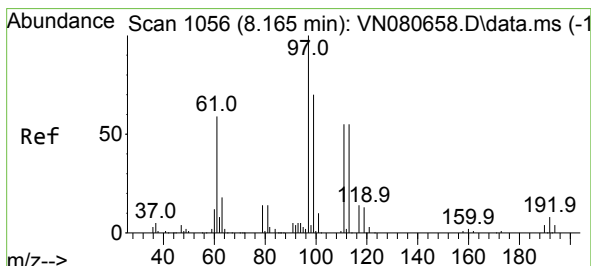
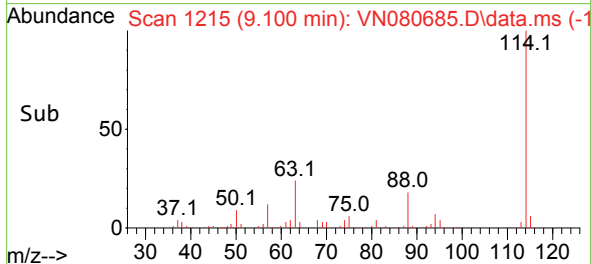
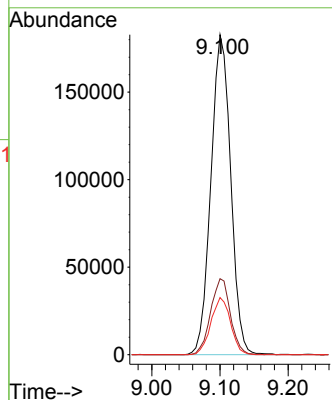
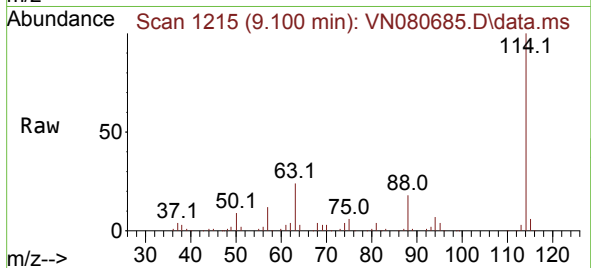
Tgt Ion:114 Resp: 369350

Ion Ratio Lower Upper

114 100

63 23.7 0.0 36.4

88 17.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.792 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080685.D

Acq: 12 Jan 2024 13:11

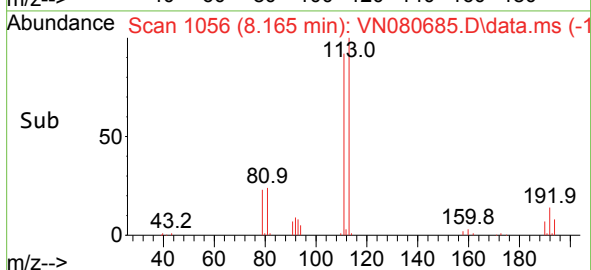
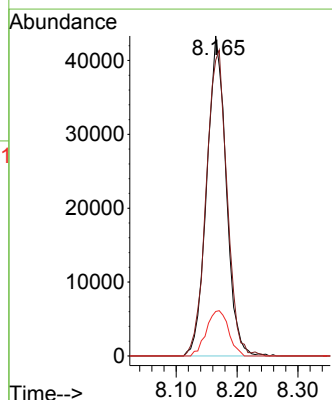
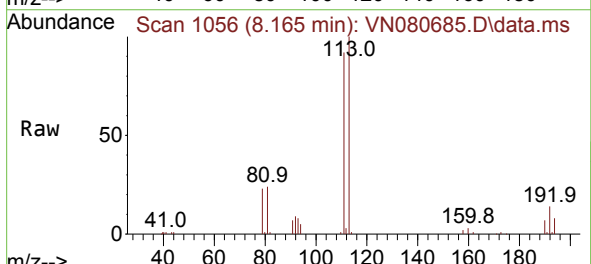
Tgt Ion:113 Resp: 96098

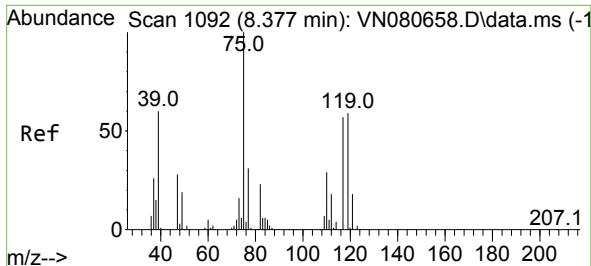
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

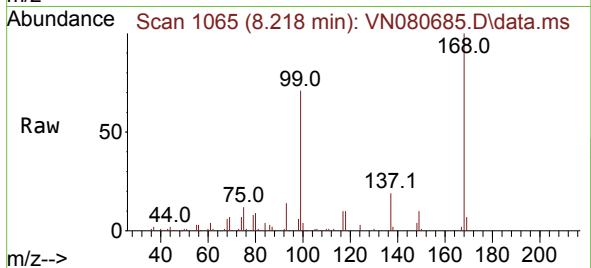
192 16.1 12.7 19.1



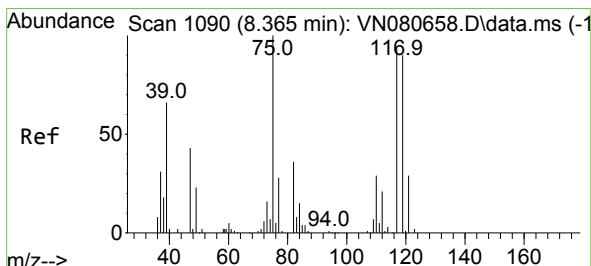
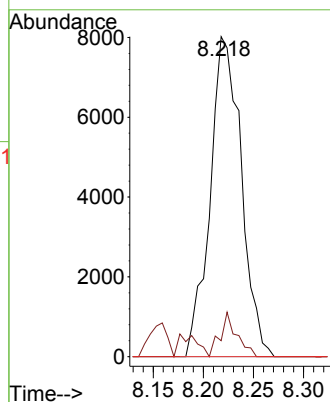
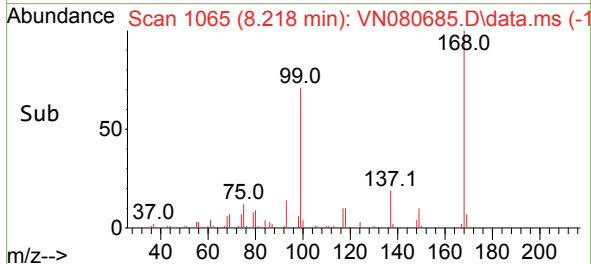


#36
1,1-Dichloropropene
Concen: 4.032 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

Instrument :
MSVOA_N
ClientSampleId :

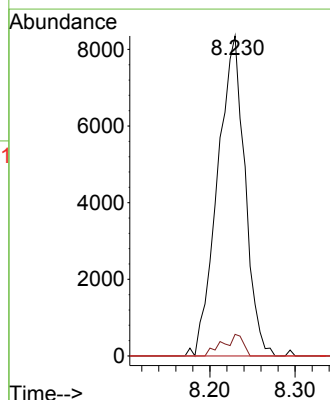
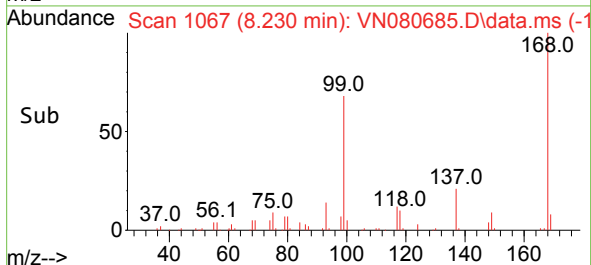
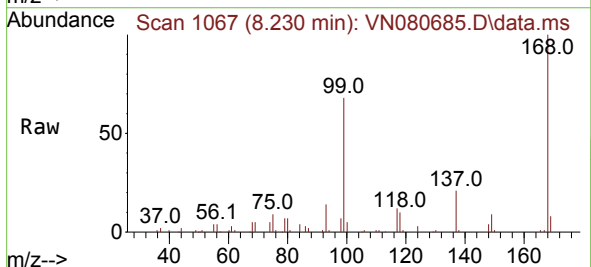


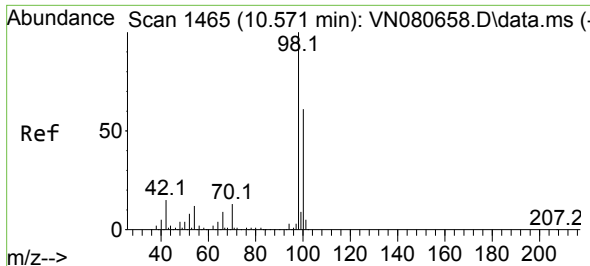
Tgt Ion: 75 Resp: 17331
Ion Ratio Lower Upper
75 100
110 7.3 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.832 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

Tgt Ion: 117 Resp: 18651
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 23.3 34.9#

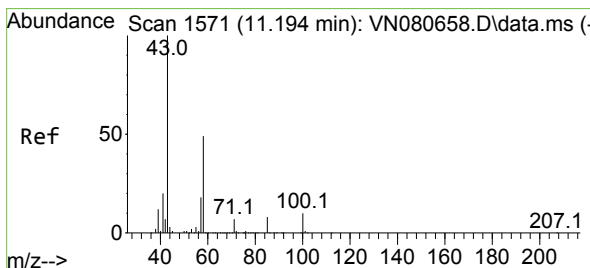
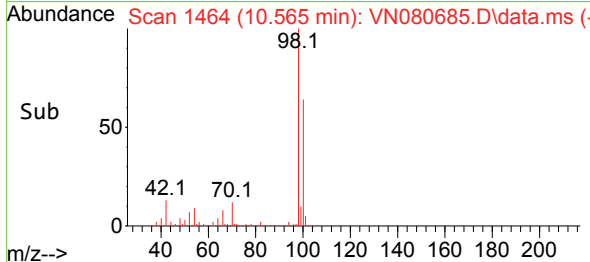
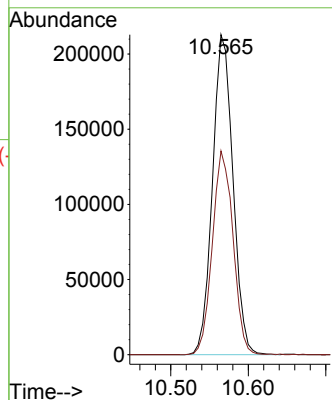
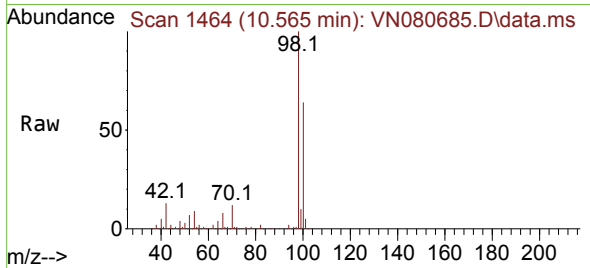




#50
Toluene-d8
Concen: 48.770 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

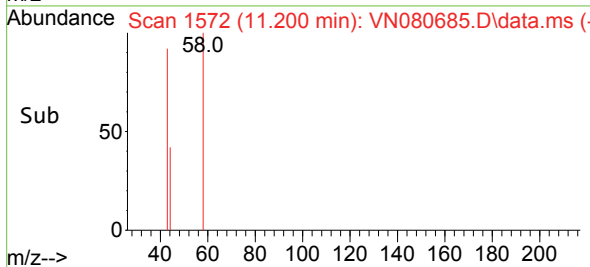
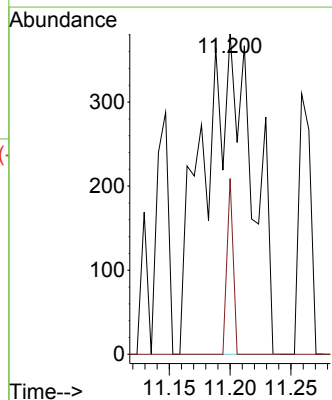
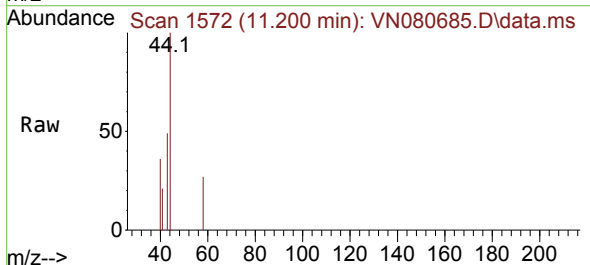
Instrument :
MSVOA_N
ClientSampleId :

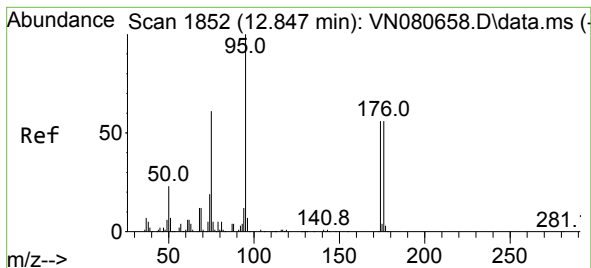
Tgt Ion: 98 Resp: 390254
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#59
2-Hexanone
Concen: 0.353 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
58 6.9 31.7 95.1#

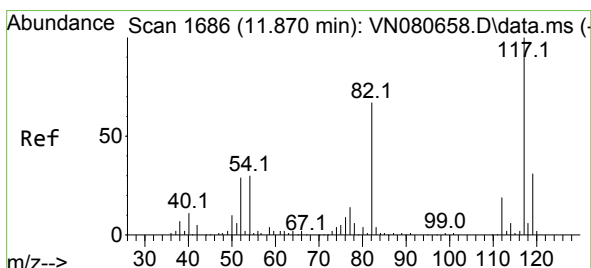
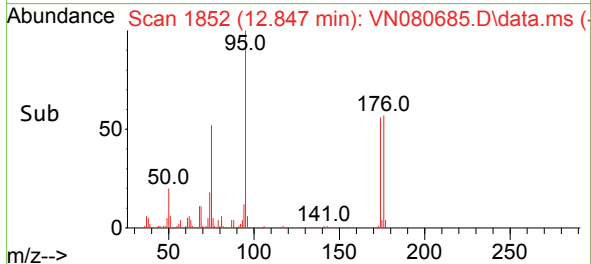
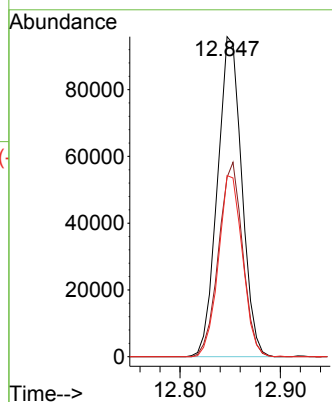
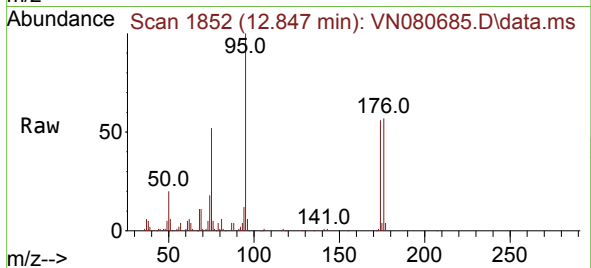




#62
4-Bromofluorobenzene
Concen: 52.644 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

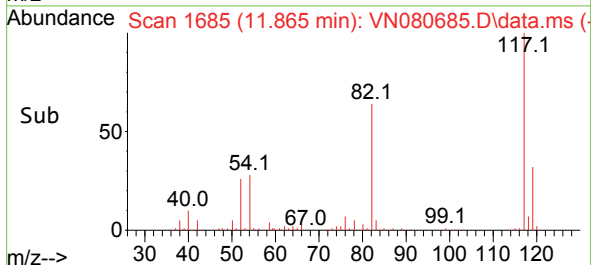
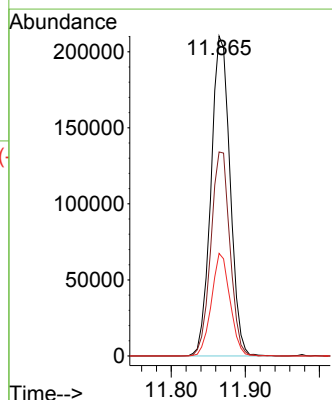
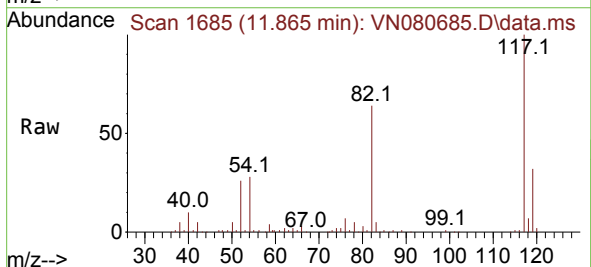
Instrument :
MSVOA_N
ClientSampleId :

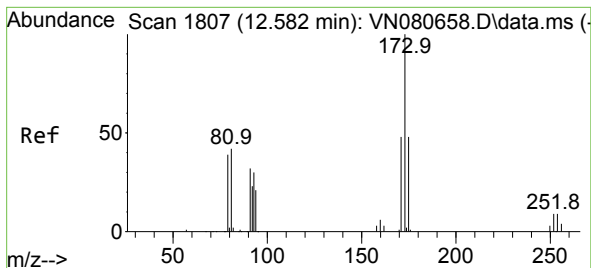
Tgt Ion: 95 Resp: 161542
Ion Ratio Lower Upper
95 100
174 59.8 0.0 143.8
176 56.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

Tgt Ion: 117 Resp: 375875
Ion Ratio Lower Upper
117 100
82 63.8 44.0 66.0
119 32.1 25.6 38.4





#71

Bromoform

Concen: 0.456 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

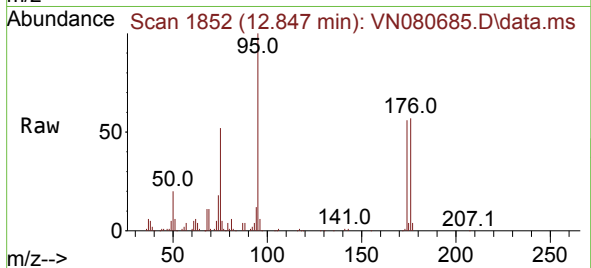
Lab File: VN080685.D

Acq: 12 Jan 2024 13:11

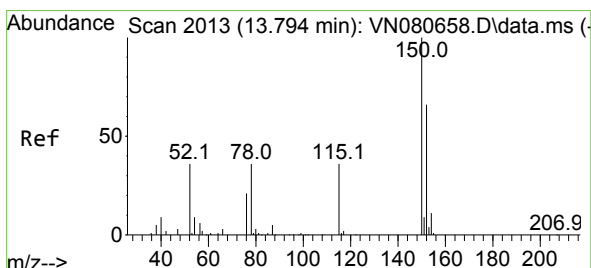
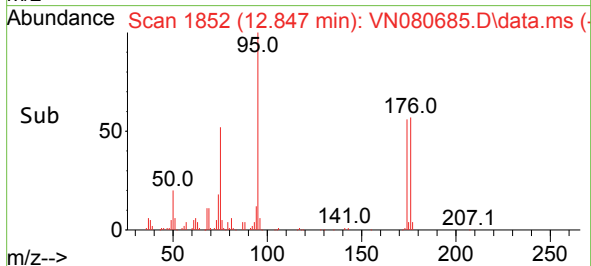
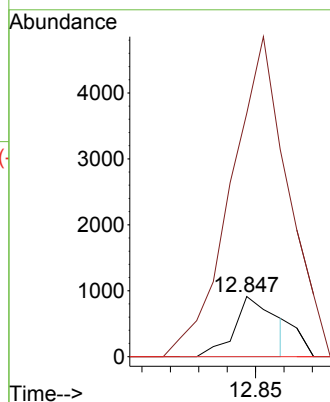
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	915
Ion Ratio	Lower	Upper	
173	100		
175	628.1	24.3	73.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

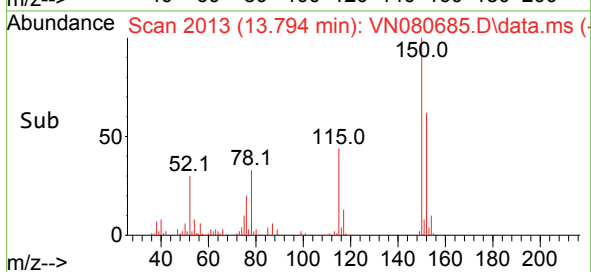
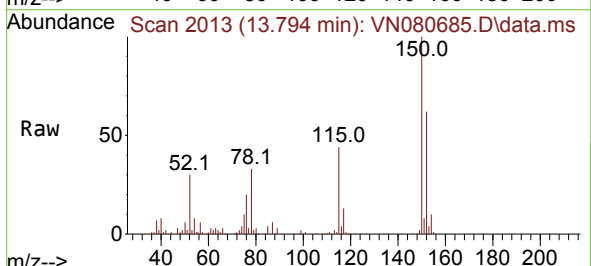
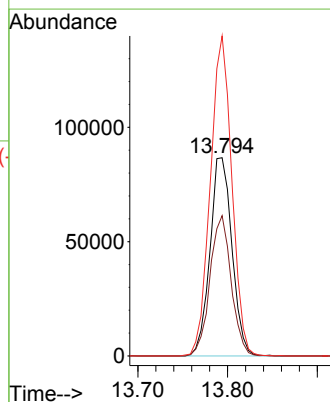
RT: 13.794 min Scan# 2013

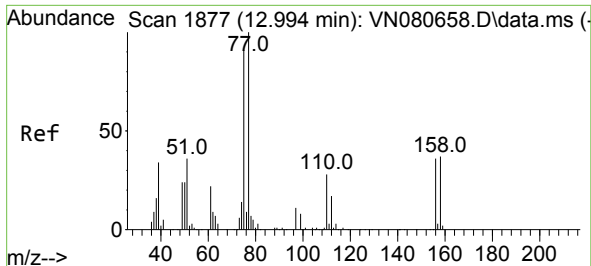
Delta R.T. 0.000 min

Lab File: VN080685.D

Acq: 12 Jan 2024 13:11

Tgt Ion:	152	Resp:	147785
Ion Ratio	Lower	Upper	
152	100		
115	68.2	32.3	96.8
150	157.6	0.0	355.8

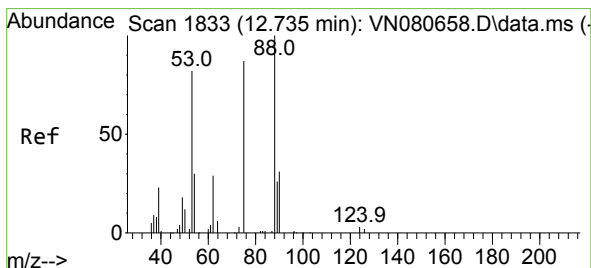
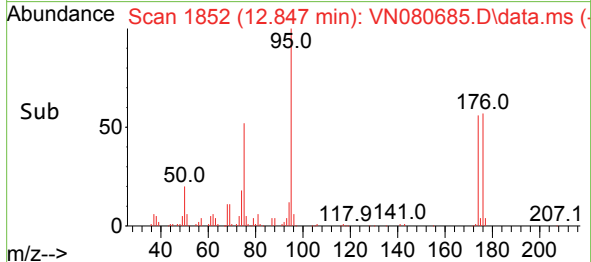
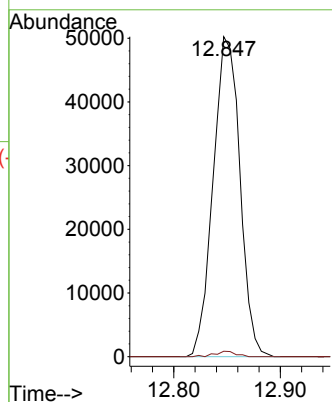
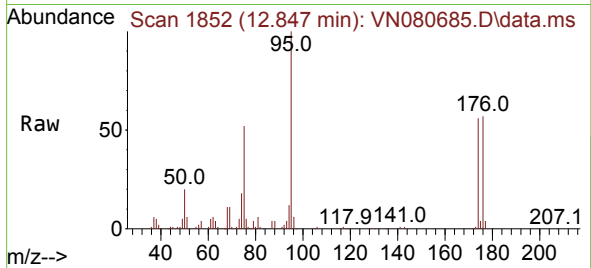




#76
1,2,3-Trichloropropane
Concen: 19.230 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

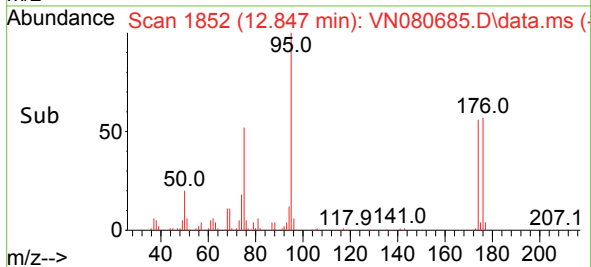
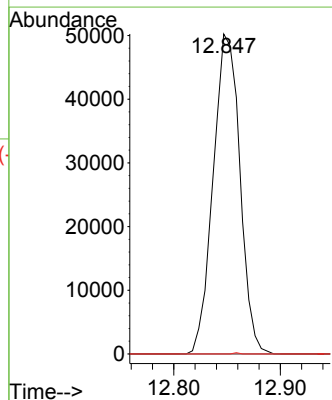
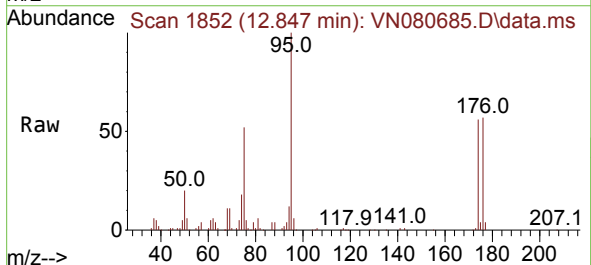
Instrument :
MSVOA_N
ClientSampleId :

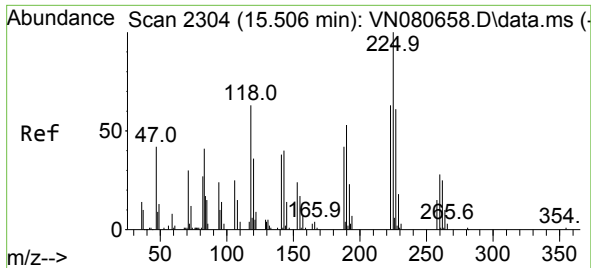
Tgt Ion: 75 Resp: 87635
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.334 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080685.D
Acq: 12 Jan 2024 13:11

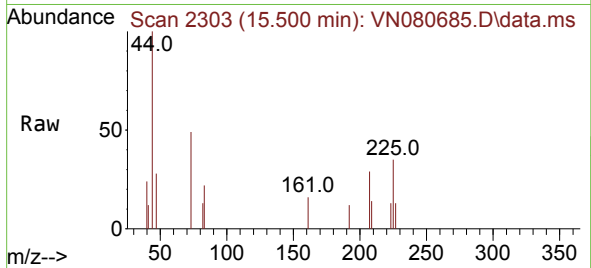
Tgt Ion: 75 Resp: 87635
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#





#94
 Hexachlorobutadiene
 Concen: 0.479 ug/l
 RT: 15.500 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080685.D
 Acq: 12 Jan 2024 13:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	225	Resp:	602
Ion Ratio	Lower	Upper	
225	100		
223	21.6	31.3	93.8#
227	30.7	31.9	95.9#

