

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080447.D
 Acq On : 12 Dec 2023 19:02
 Operator : JC\MD
 Sample : 05672-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 02:36:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

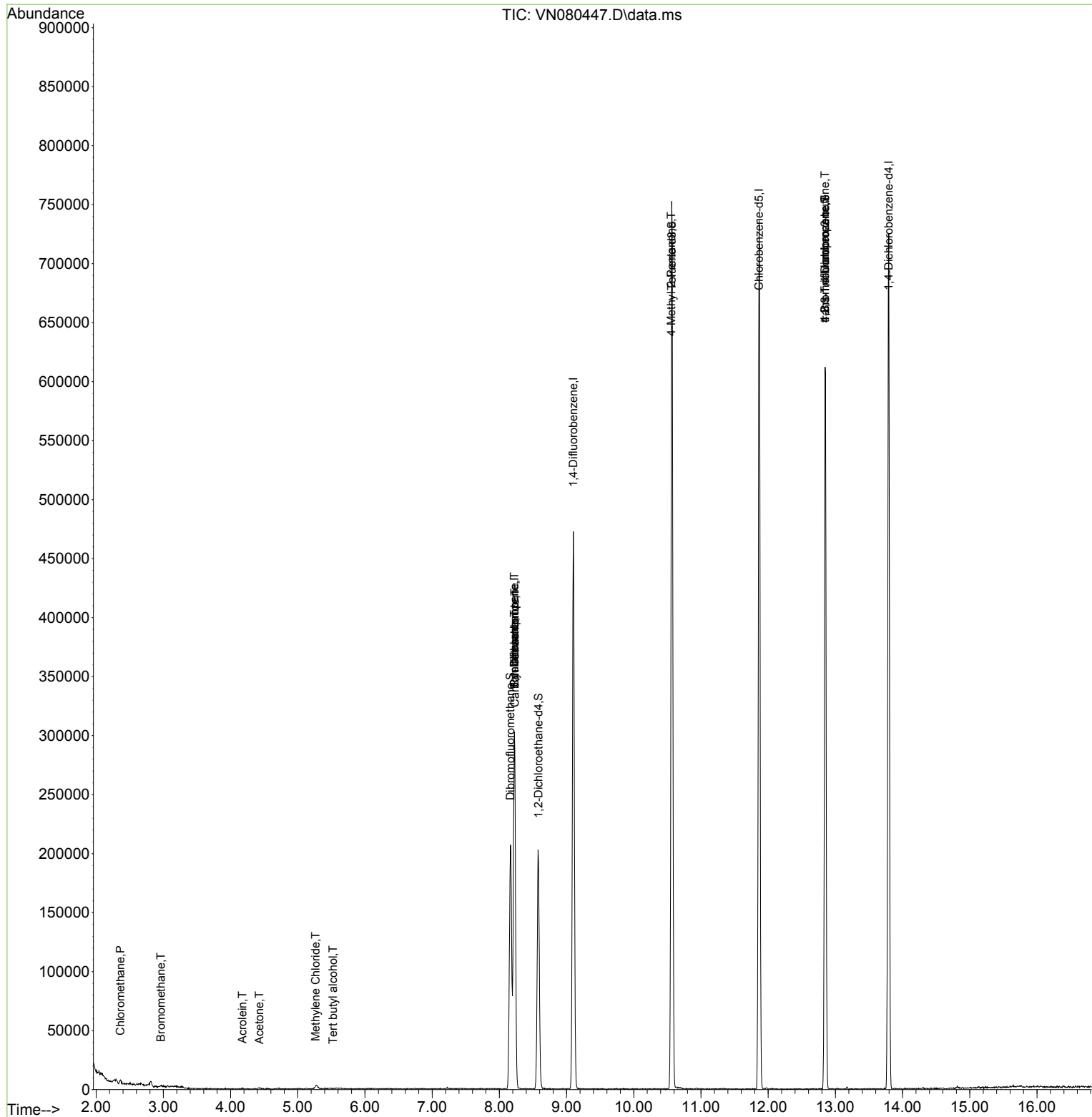
Internal Standards						
1) Pentafluorobenzene	8.224	168	219011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	399064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	425518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173559	62.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.100%	
35) Dibromofluoromethane	8.165	113	147168	58.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.320%	
50) Toluene-d8	10.565	98	531121	56.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.560%	
62) 4-Bromofluorobenzene	12.847	95	218351	60.936	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	3606	0.836	ug/l #	84
5) Bromomethane	2.965	94	299	0.277	ug/l #	65
11) Tert butyl alcohol	5.524	59	264	0.801	ug/l #	72
13) Acrolein	4.177	56	548	1.519	ug/l #	65
16) Acetone	4.430	43	1841	3.712	ug/l #	40
20) Methylene Chloride	5.265	84	2652	0.999	ug/l #	84
31) Cyclohexane	8.224	56	4462	1.173	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	17739	4.288	ug/l #	49
38) Carbon Tetrachloride	8.230	117	23541	4.762	ug/l #	16
51) 4-Methyl-2-Pentanone	10.559	43	2097	0.817	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	117579	29.847	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	117579	78.367	ug/l #	15

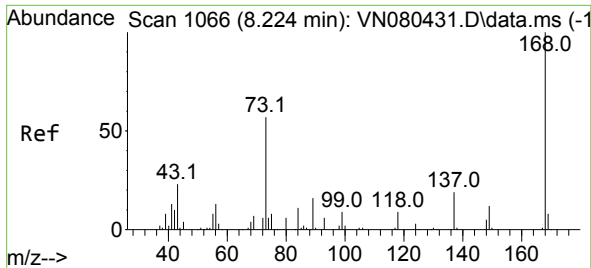
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
Data File : VN080447.D
Acq On : 12 Dec 2023 19:02
Operator : JC\MD
Sample : 05672-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 13 02:36:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

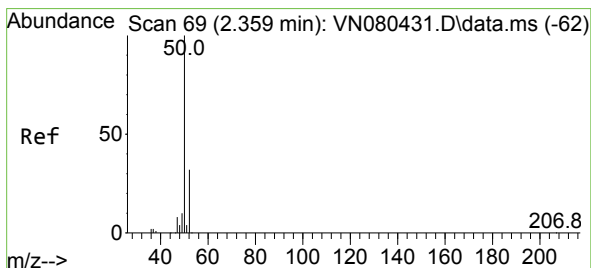
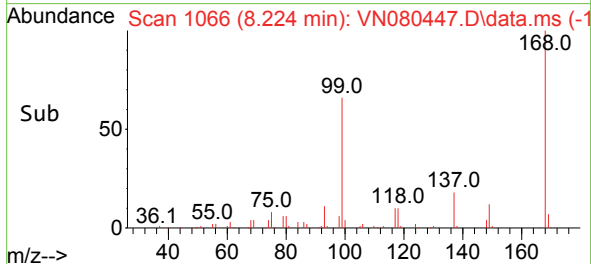
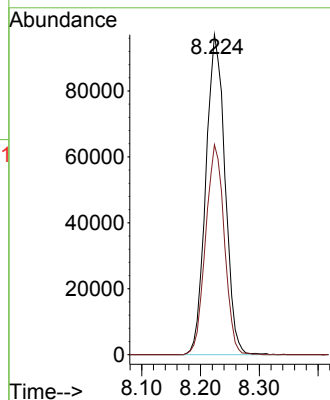
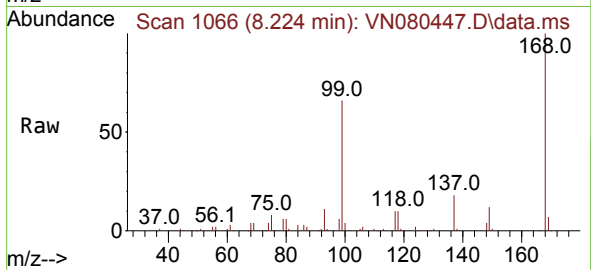




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

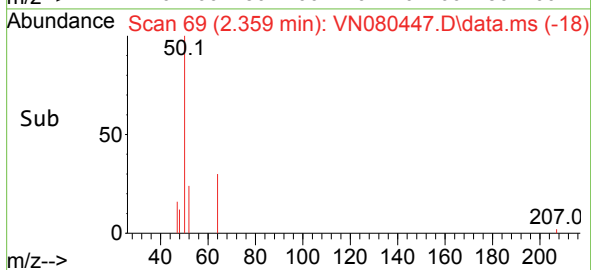
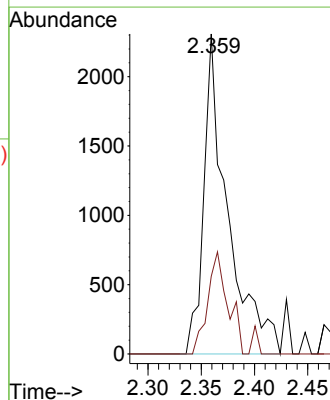
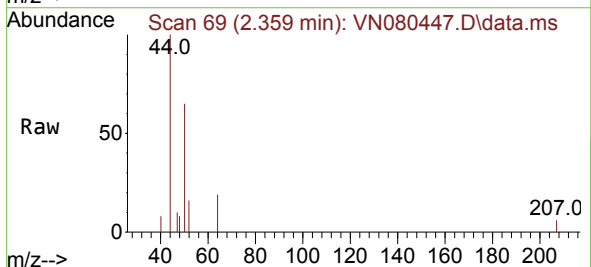
Instrument :
MSVOA_N
ClientSampleId :

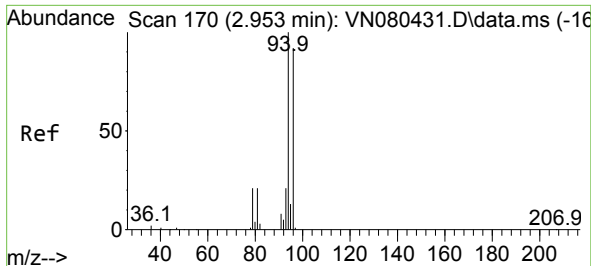
Tgt Ion:168 Resp: 219011
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#3
Chloromethane
Concen: 0.836 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

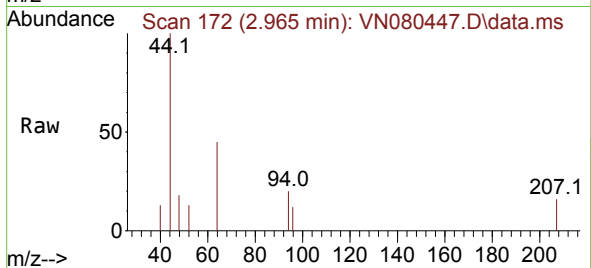
Tgt Ion: 50 Resp: 3606
Ion Ratio Lower Upper
50 100
52 24.3 26.5 39.7#



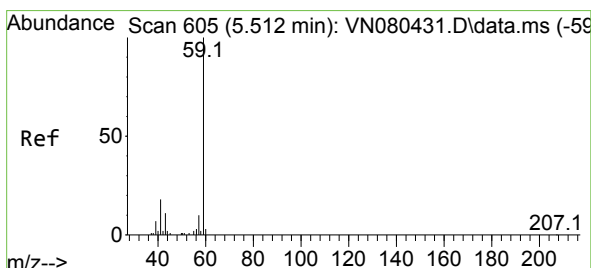
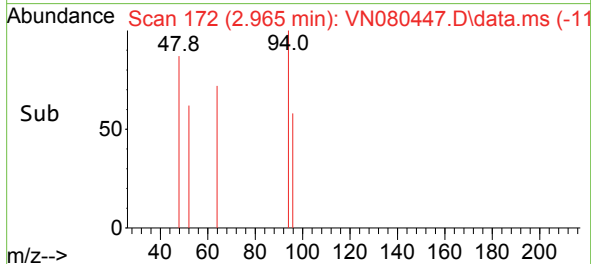
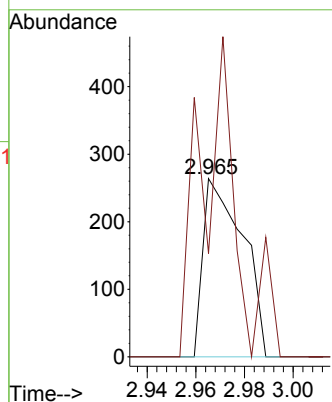


#5
Bromomethane
Concen: 0.277 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :

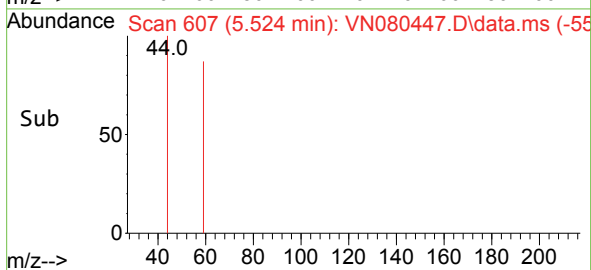
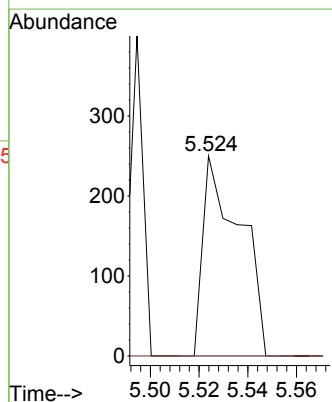
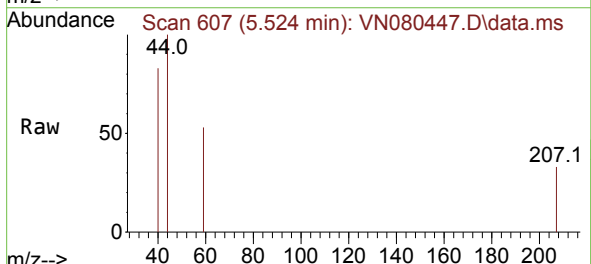


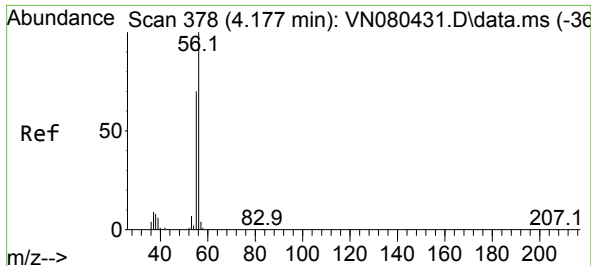
Tgt Ion: 94 Resp: 299
Ion Ratio Lower Upper
94 100
96 58.0 73.1 109.7#



#11
Tert butyl alcohol
Concen: 0.801 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

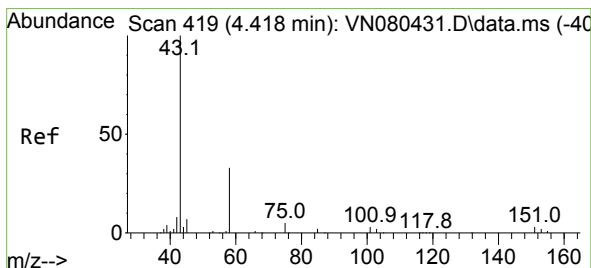
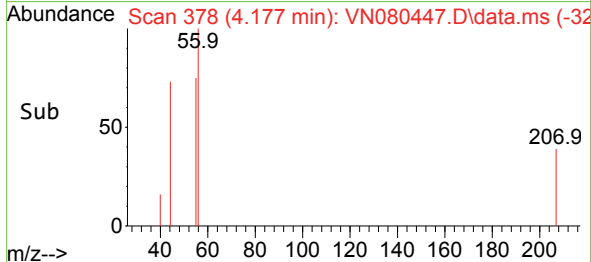
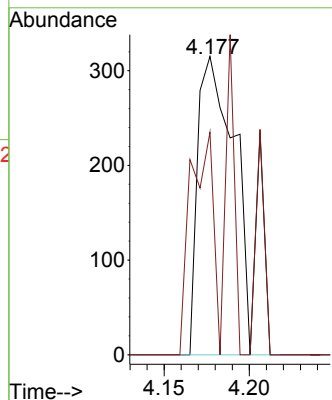
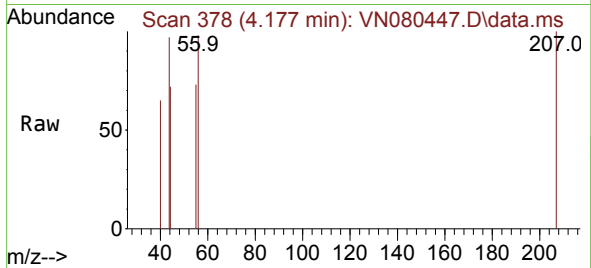




#13
Acrolein
Concen: 1.519 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

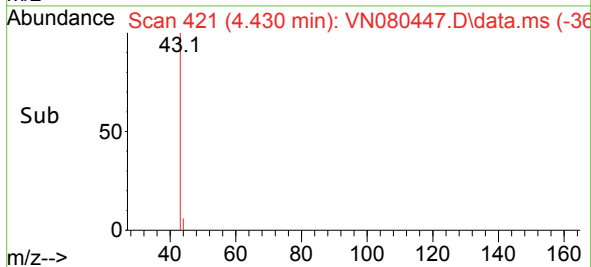
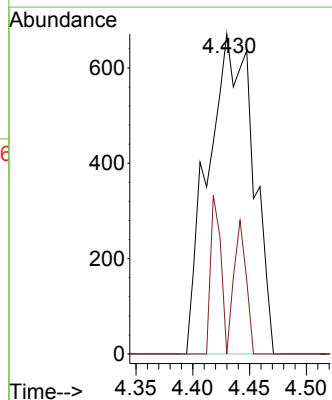
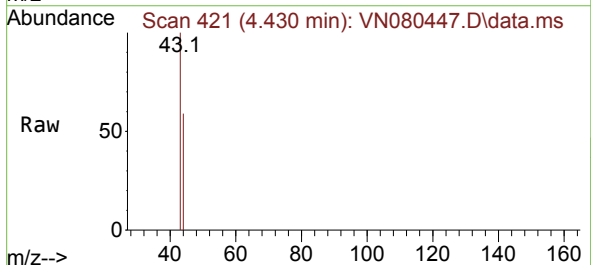
Instrument :
MSVOA_N
ClientSampleId :

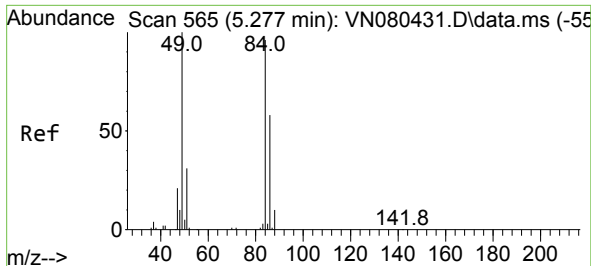
Tgt Ion: 56 Resp: 548
Ion Ratio Lower Upper
56 100
55 39.8 54.5 81.7#



#16
Acetone
Concen: 3.712 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

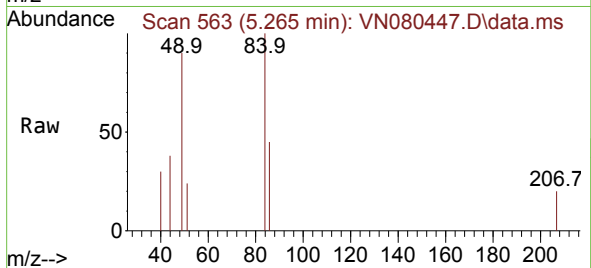
Tgt Ion: 43 Resp: 1841
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



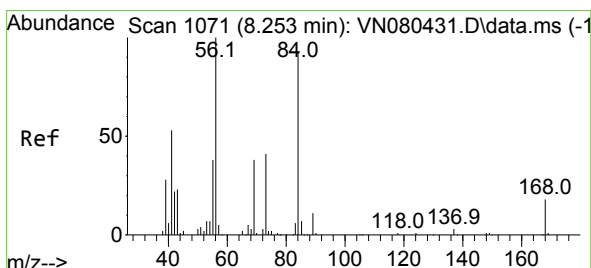
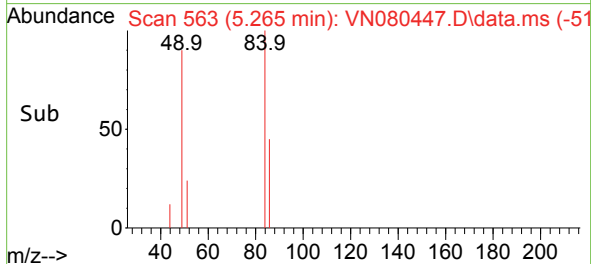
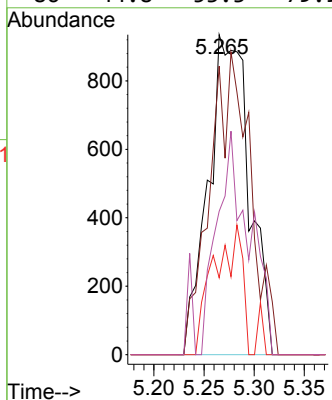


#20
Methylene Chloride
Concen: 0.999 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :

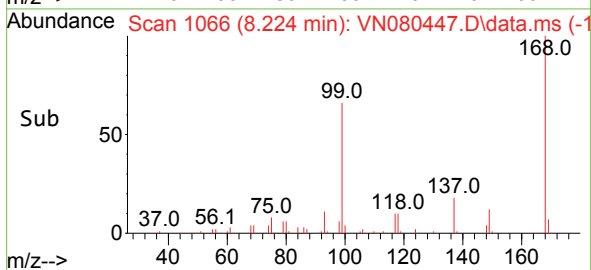
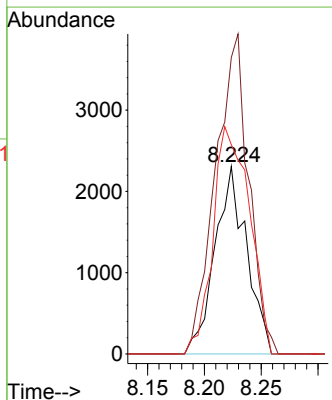
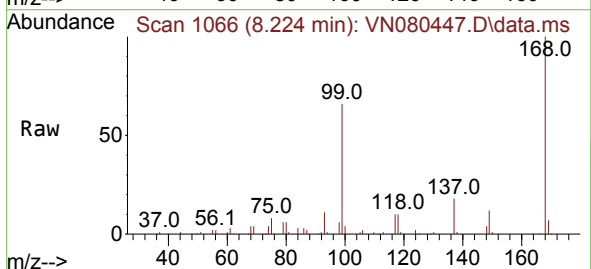


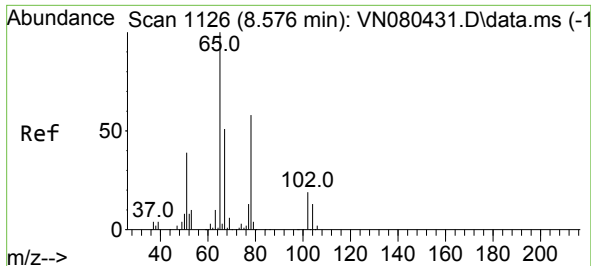
Tgt Ion:	84	Resp:	2652
Ion	Ratio	Lower	Upper
84	100		
49	90.2	79.7	119.5
51	24.1	25.2	37.8#
86	44.8	53.3	79.9#



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

Tgt Ion:	56	Resp:	4462
Ion	Ratio	Lower	Upper
56	100		
69	158.2	26.8	40.2#
84	111.7	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 62.046 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080447.D

Acq: 12 Dec 2023 19:02

Instrument :

MSVOA_N

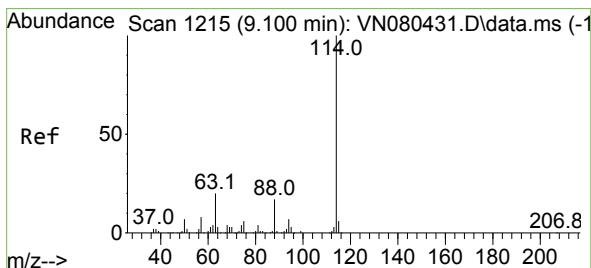
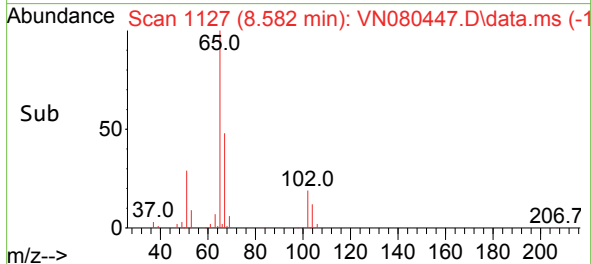
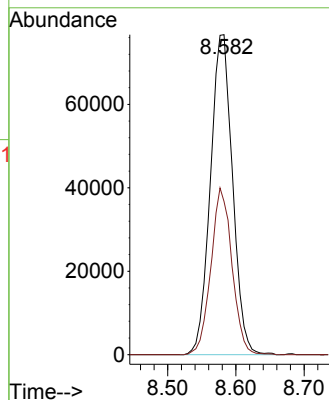
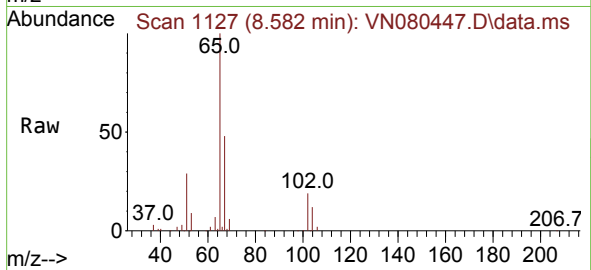
ClientSampleId :

Tgt Ion: 65 Resp: 173559

Ion Ratio Lower Upper

65 100

67 49.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080447.D

Acq: 12 Dec 2023 19:02

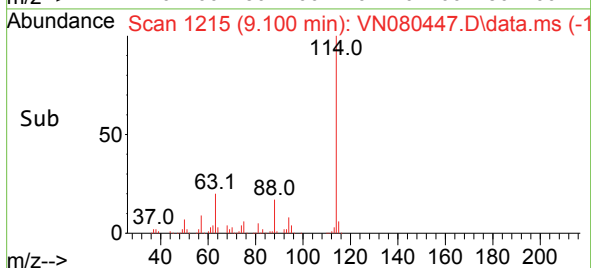
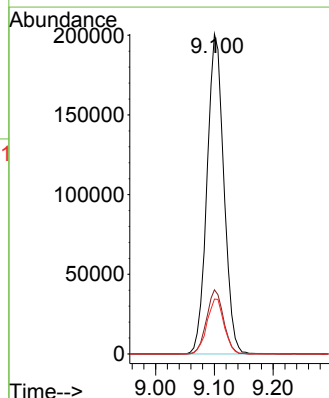
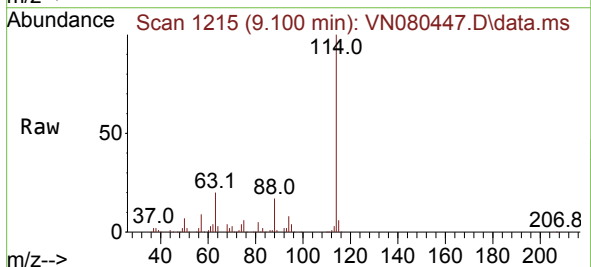
Tgt Ion: 114 Resp: 399064

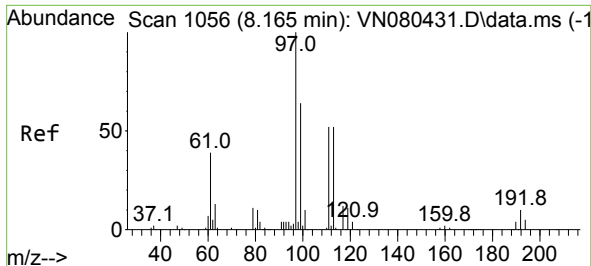
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

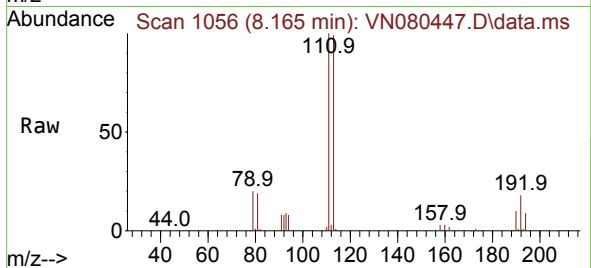
88 17.1 0.0 30.6



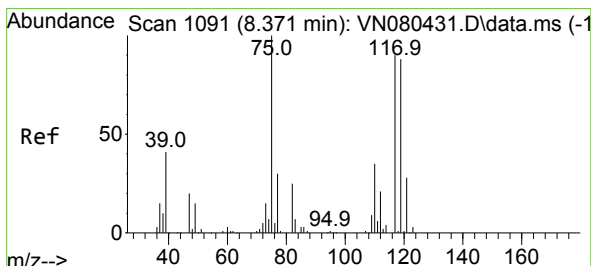
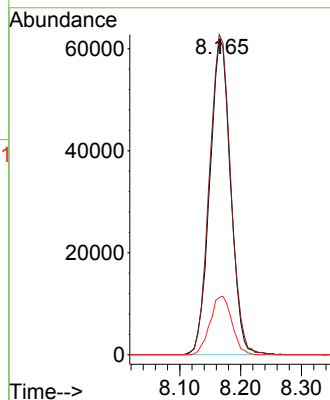
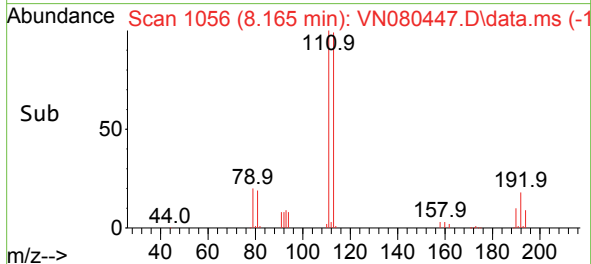


#35
 Dibromofluoromethane
 Concen: 58.164 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN080447.D
 Acq: 12 Dec 2023 19:02

Instrument :
 MSVOA_N
 ClientSampleId :

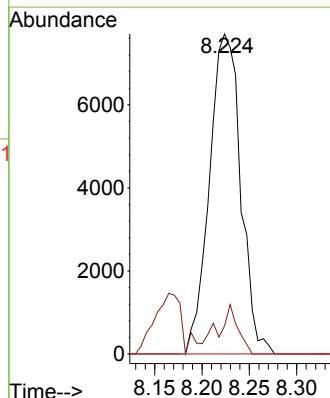
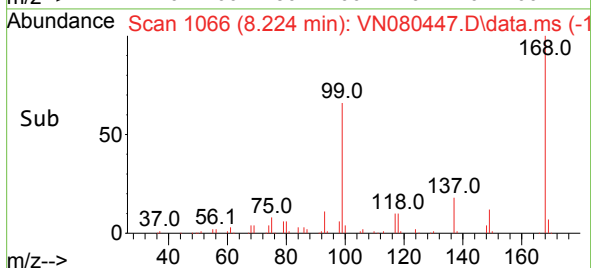
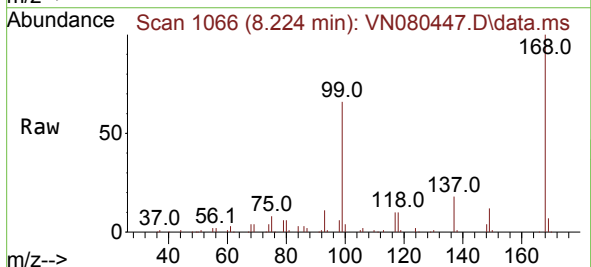


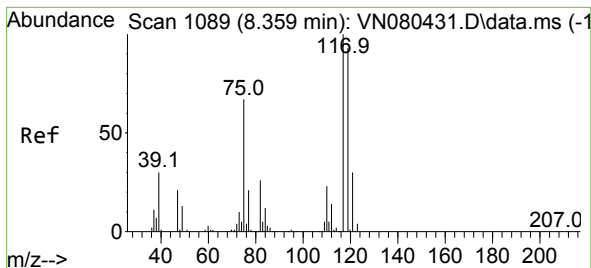
Tgt Ion:113 Resp: 147168
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.6 123.8
 192 19.4 12.7 19.1#



#36
 1,1-Dichloropropene
 Concen: 4.288 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN080447.D
 Acq: 12 Dec 2023 19:02

Tgt Ion: 75 Resp: 17739
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.1 57.3#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.762 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

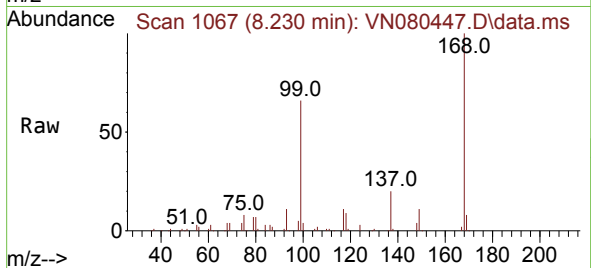
Lab File: VN080447.D

Acq: 12 Dec 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :



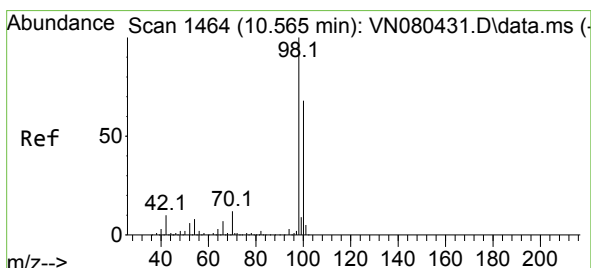
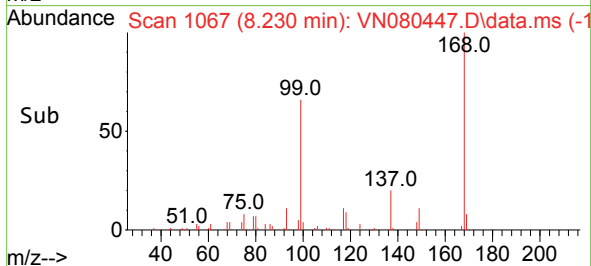
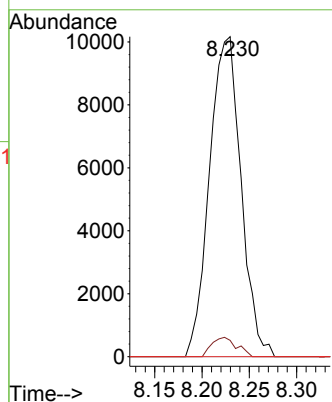
Tgt Ion:117 Resp: 23541

Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 56.284 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080447.D

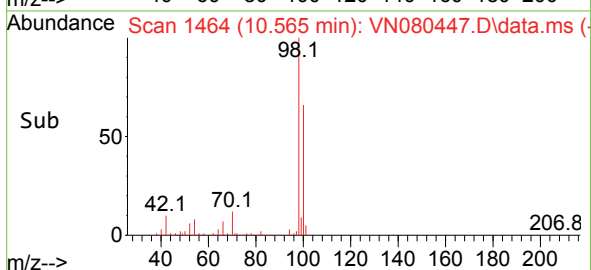
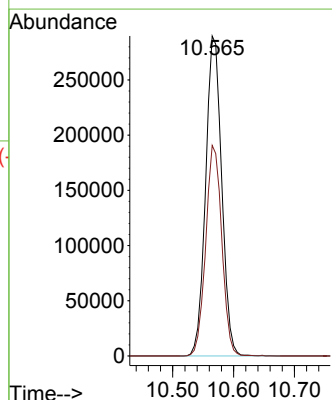
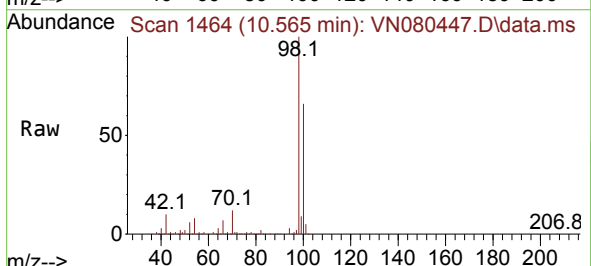
Acq: 12 Dec 2023 19:02

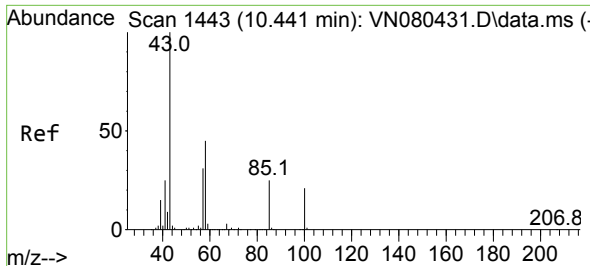
Tgt Ion: 98 Resp: 531121

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

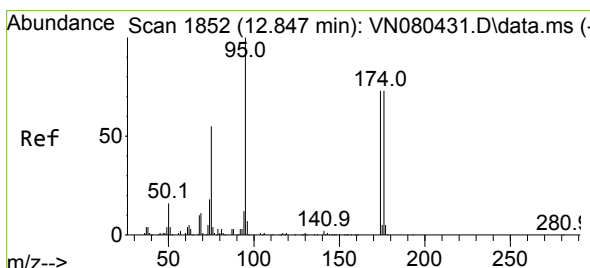
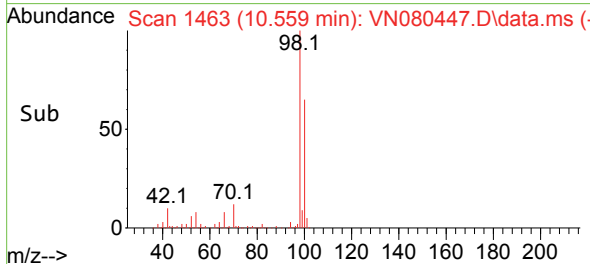
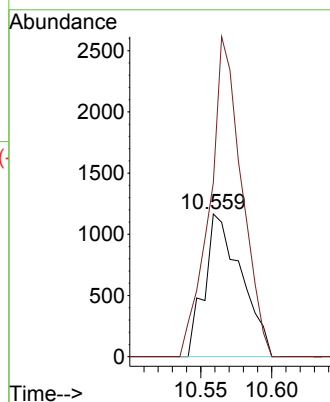
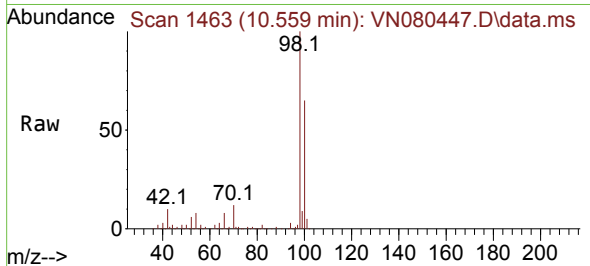




#51
4-Methyl-2-Pentanone
Concen: 0.817 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

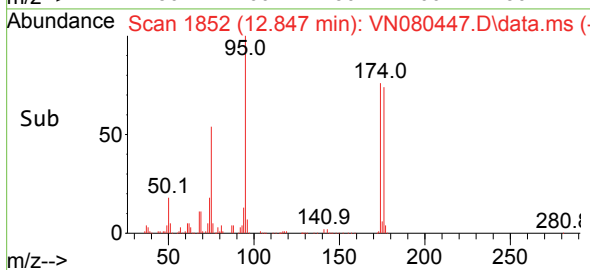
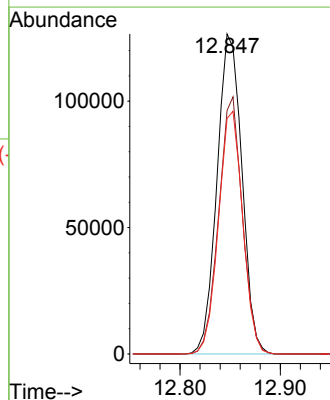
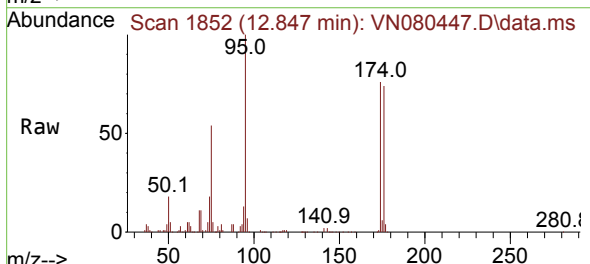
Instrument :
MSVOA_N
ClientSampleId :

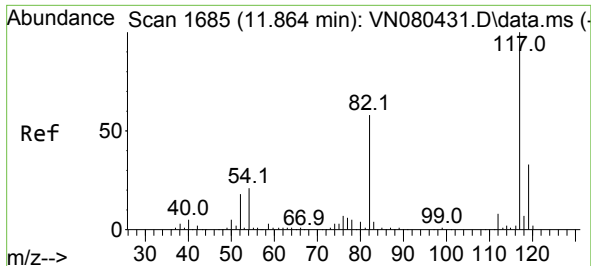
Tgt Ion: 43 Resp: 2097
Ion Ratio Lower Upper
43 100
58 196.2 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 60.936 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

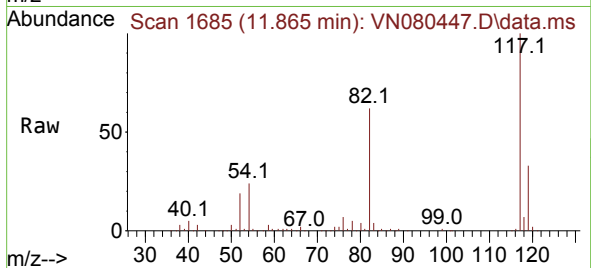
Tgt Ion: 95 Resp: 218351
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 73.8 0.0 135.8



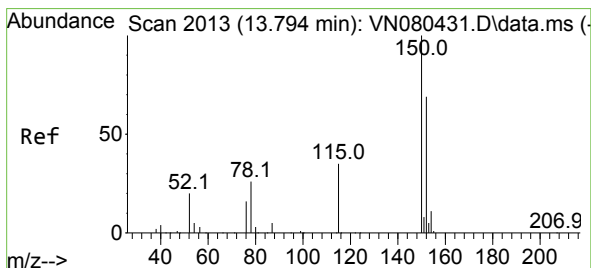
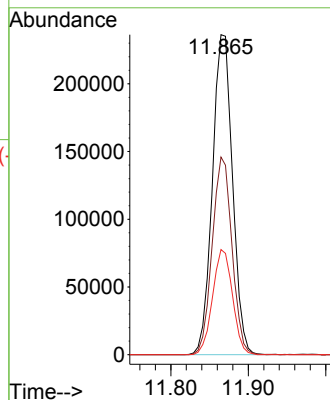
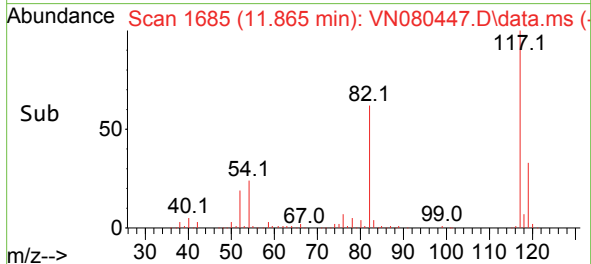


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

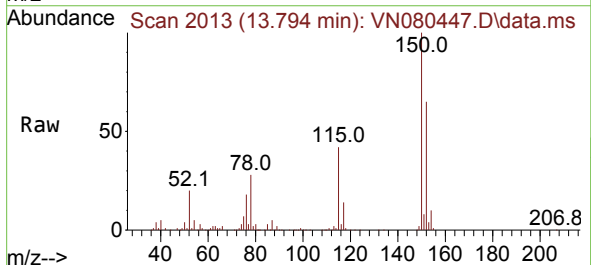
Instrument :
MSVOA_N
ClientSampleId :



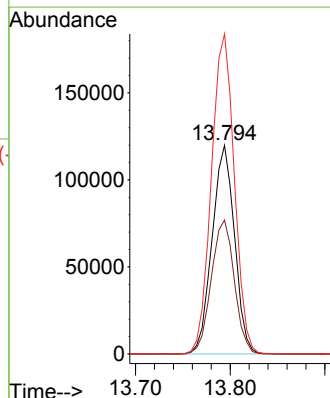
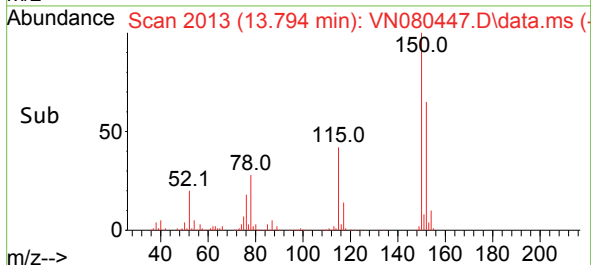
Tgt Ion:117 Resp: 425518
Ion Ratio Lower Upper
117 100
82 61.7 44.0 66.0
119 32.8 25.6 38.4

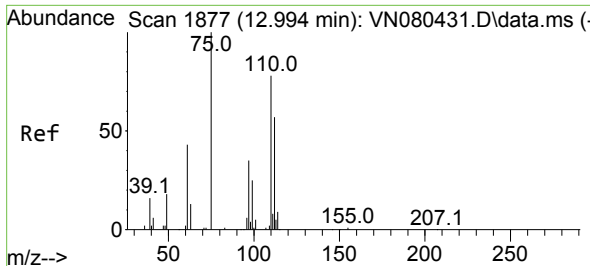


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02



Tgt Ion:152 Resp: 197465
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 156.8 0.0 355.8

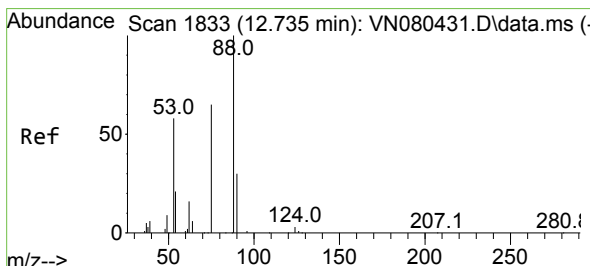
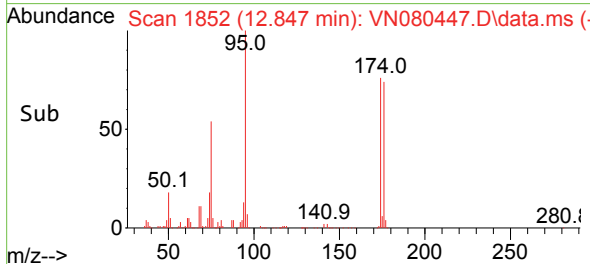
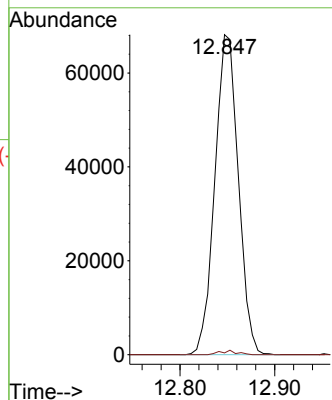
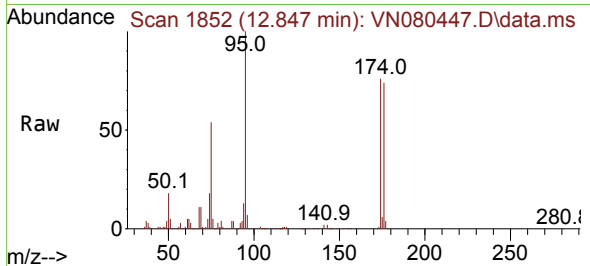




#76
1,2,3-Trichloropropane
Concen: 29.847 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 117579
Ion Ratio Lower Upper
75 100
77 0.9 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.367 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080447.D
Acq: 12 Dec 2023 19:02

Tgt Ion: 75 Resp: 117579
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

