

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083054.D
 Acq On : 26 Jul 2024 16:11
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:09:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

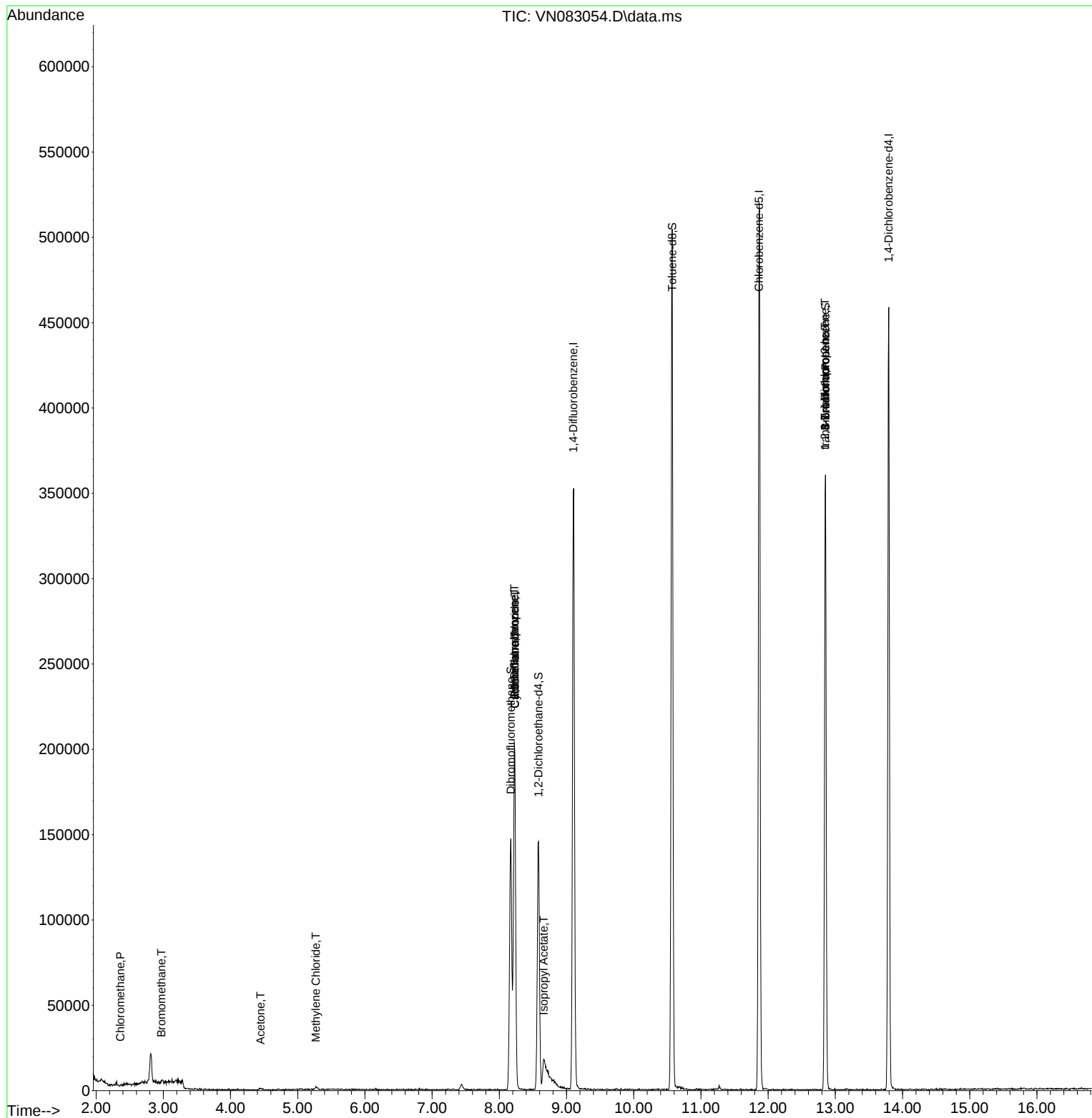
Internal Standards						
1) Pentafluorobenzene	8.224	168	142926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119784	59.786	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.580%			
35) Dibromofluoromethane	8.171	113	100230	53.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	10.571	98	338261	48.487	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.980%			
62) 4-Bromofluorobenzene	12.853	95	110012	43.900	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 87.800%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	501	0.285	ug/l #	43
5) Bromomethane	2.971	94	999	0.752	ug/l #	76
16) Acetone	4.448	43	1631	2.312	ug/l #	87
20) Methylene Chloride	5.271	84	1111	0.652	ug/l #	78
31) Cyclohexane	8.230	56	4235	1.617	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13399	5.145	ug/l #	51
38) Carbon Tetrachloride	8.230	117	15600	4.975	ug/l #	16
43) Isopropyl Acetate	8.659	43	15993	0.247	ug/l #	60
71) Bromoform	12.853	173	1862	1.049	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65414	31.794	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65414	62.529	ug/l #	6

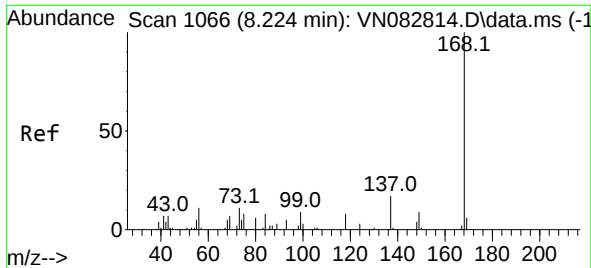
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

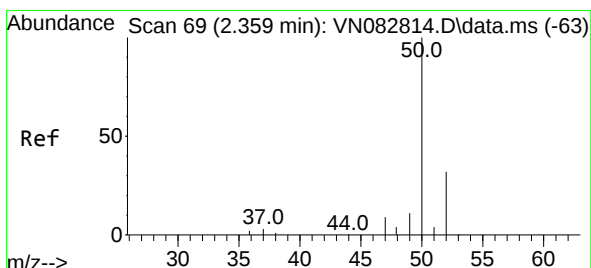
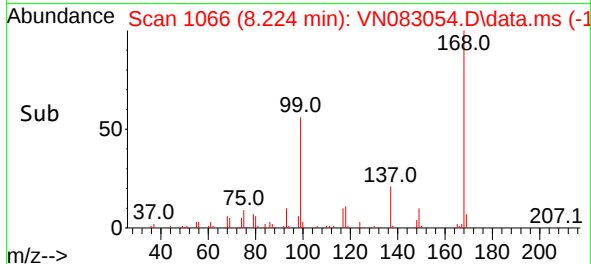
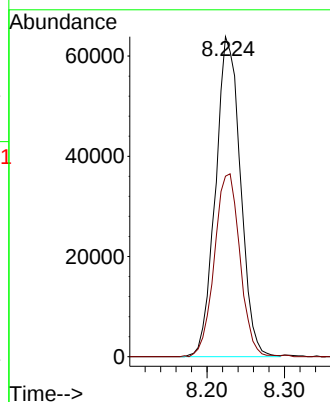
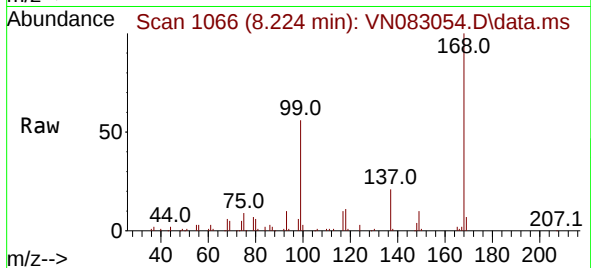




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

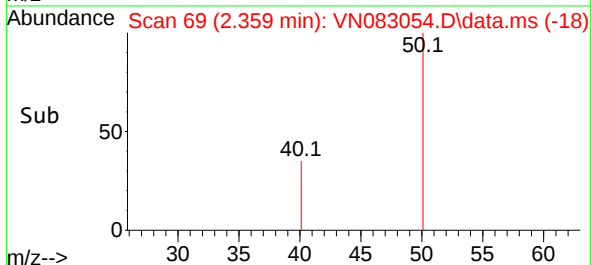
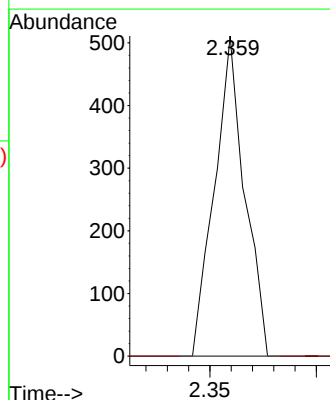
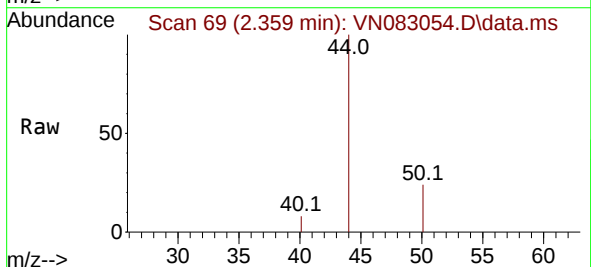
Instrument :
MSVOA_N
ClientSampleId :

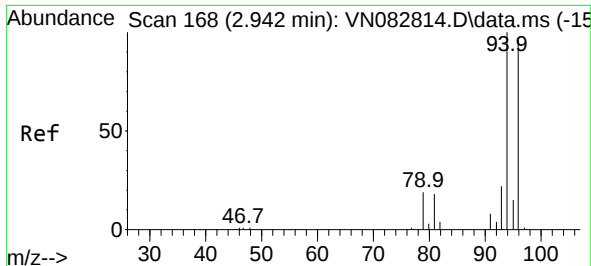
Tgt Ion:168 Resp: 142926
Ion Ratio Lower Upper
168 100
99 56.4 48.2 72.4



#3
Chloromethane
Concen: 0.285 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

Tgt Ion: 50 Resp: 501
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

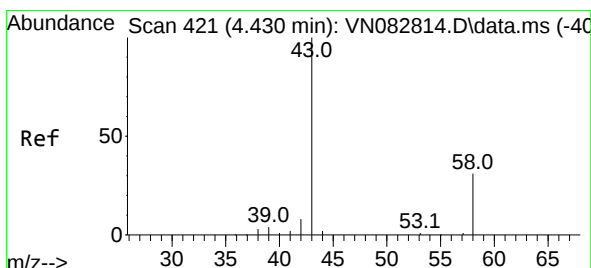
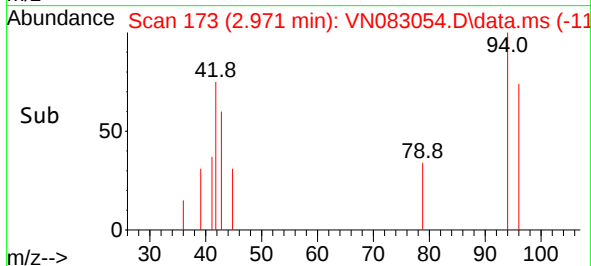
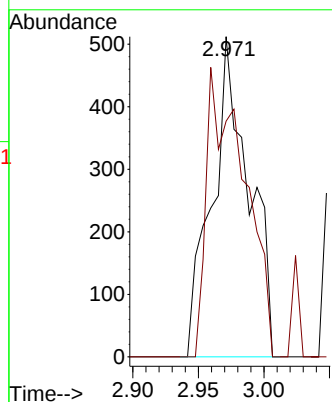
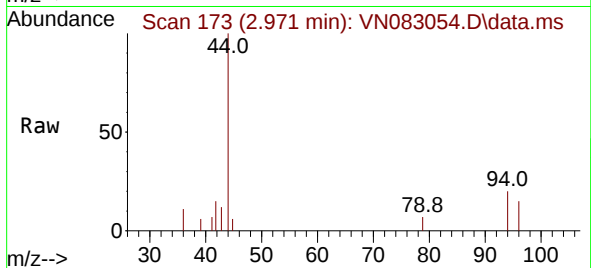




#5
Bromomethane
Concen: 0.752 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

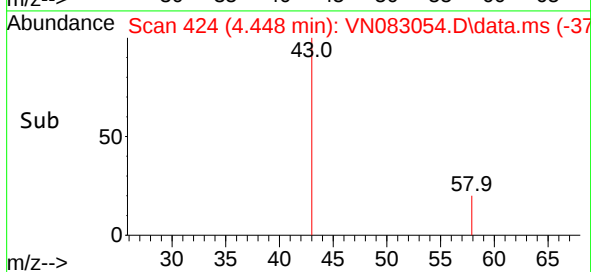
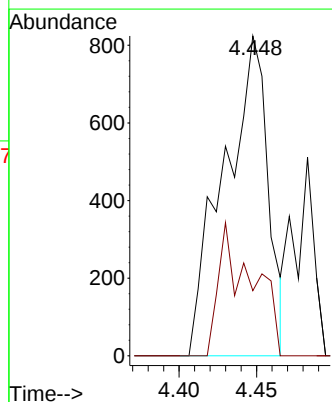
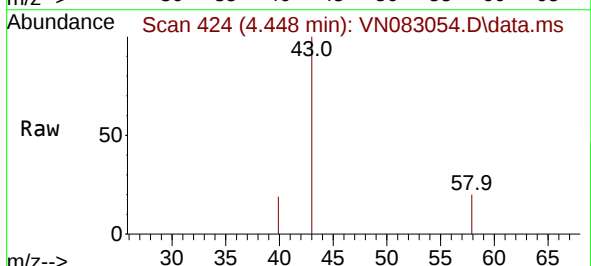
Instrument :
MSVOA_N
ClientSampleId :

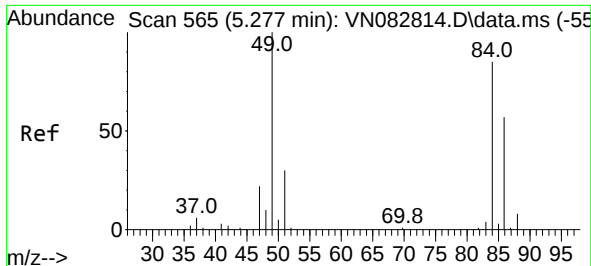
Tgt Ion: 94 Resp: 999
Ion Ratio Lower Upper
94 100
96 73.6 78.0 117.0#



#16
Acetone
Concen: 2.312 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

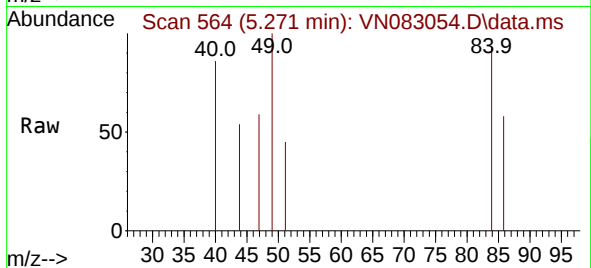
Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
58 20.4 21.8 32.6#



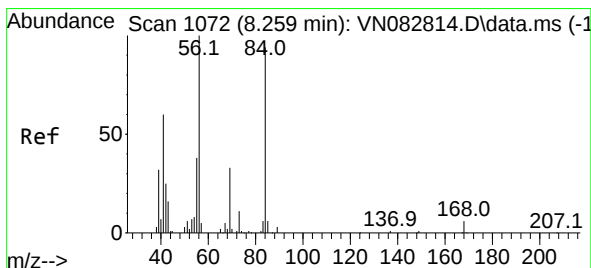
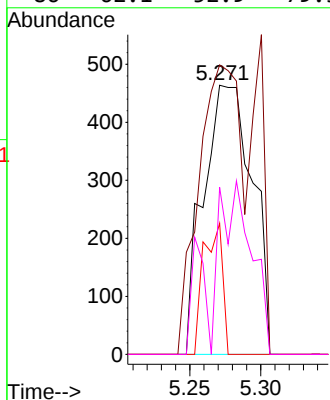
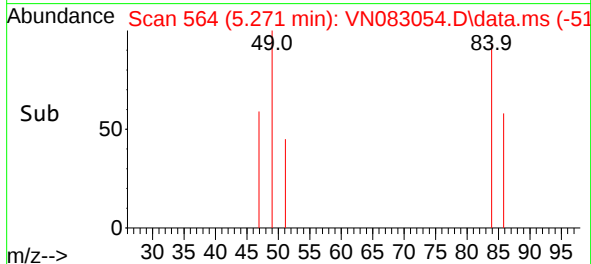


#20
Methylene Chloride
Concen: 0.652 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

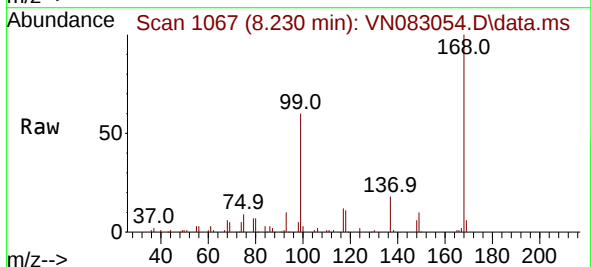
Instrument :
MSVOA_N
ClientSampleId :



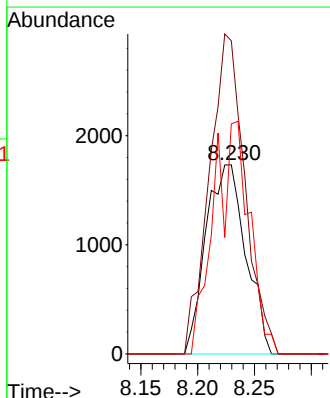
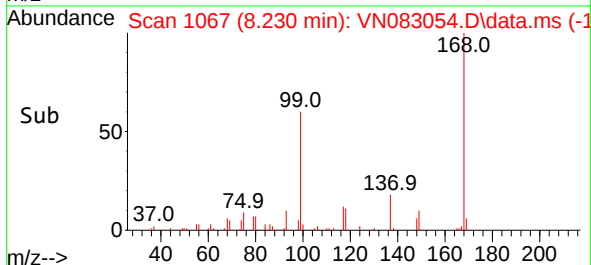
Tgt Ion: 84	Resp: 1111
Ion Ratio	Lower Upper
84 100	
49 107.5	119.6 179.4#
51 48.7	34.8 52.2
86 62.1	52.9 79.3

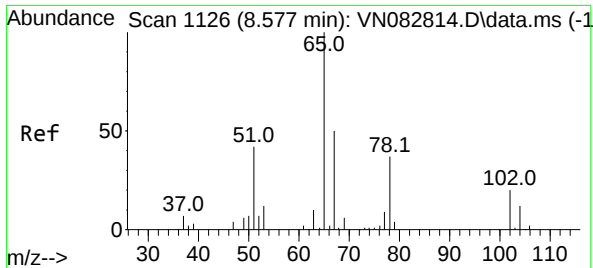


#31
Cyclohexane
Concen: 1.617 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11



Tgt Ion: 56	Resp: 4235
Ion Ratio	Lower Upper
56 100	
69 165.6	24.5 36.7#
84 130.8	66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 59.786 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083054.D

Acq: 26 Jul 2024 16:11

Instrument :

MSVOA_N

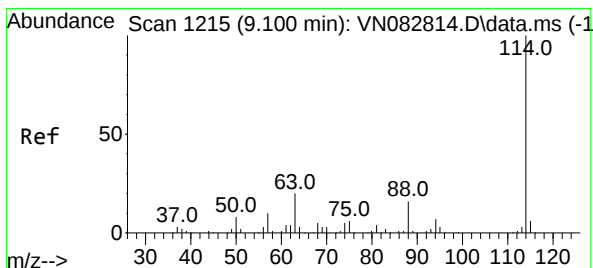
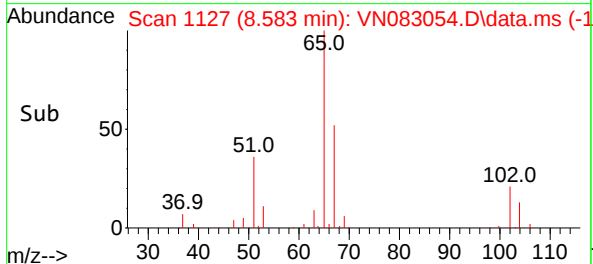
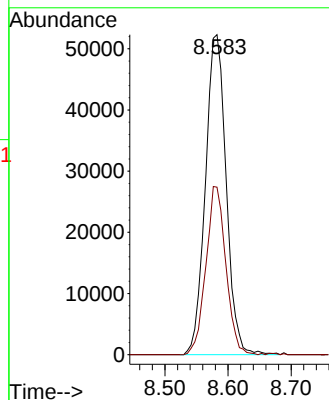
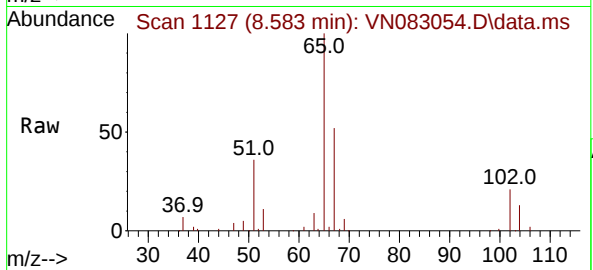
ClientSampleId :

Tgt Ion: 65 Resp: 119784

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083054.D

Acq: 26 Jul 2024 16:11

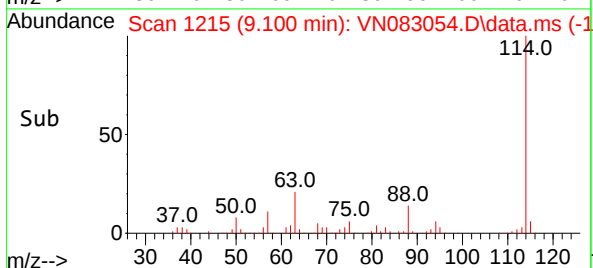
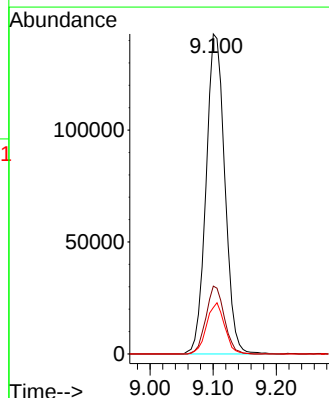
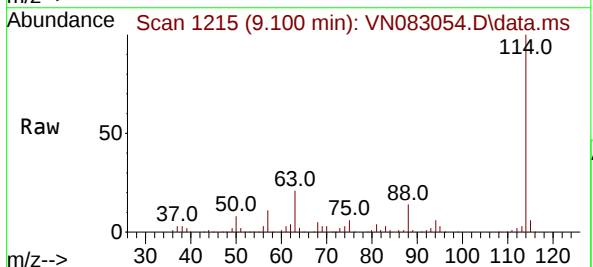
Tgt Ion: 114 Resp: 294358

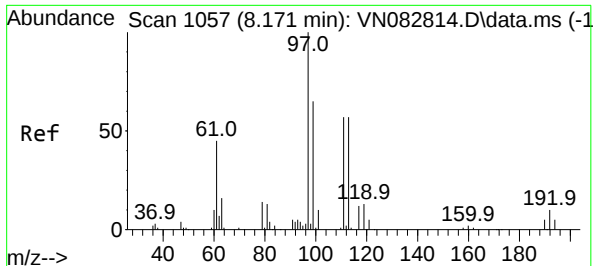
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 14.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.065 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083054.D

Acq: 26 Jul 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

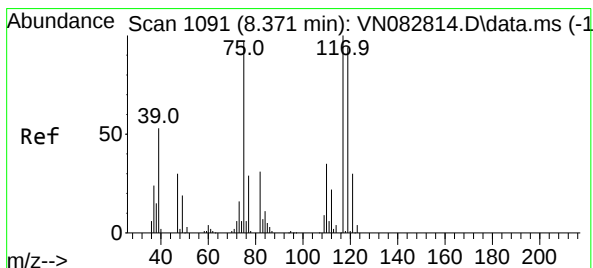
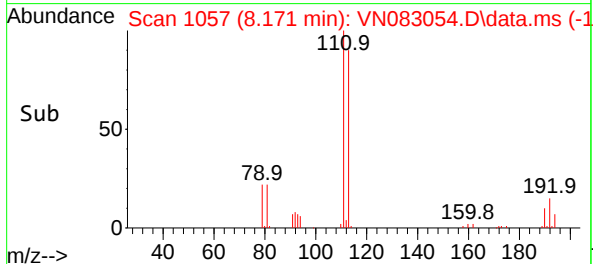
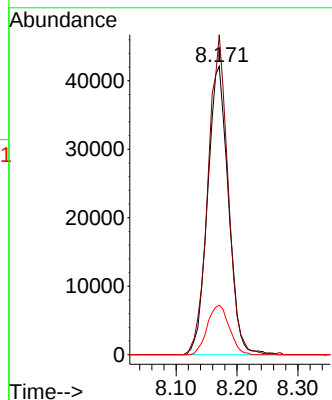
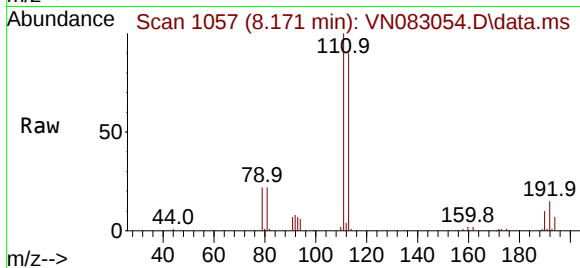
Tgt Ion:113 Resp: 100230

Ion Ratio Lower Upper

113 100

111 106.0 82.4 123.6

192 18.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.145 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083054.D

Acq: 26 Jul 2024 16:11

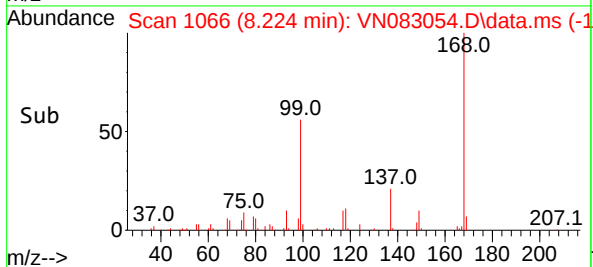
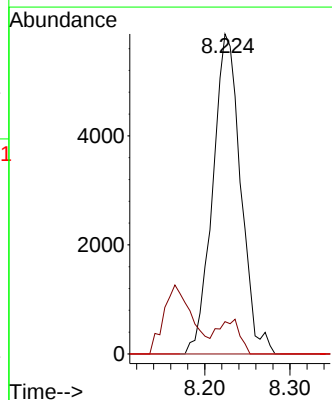
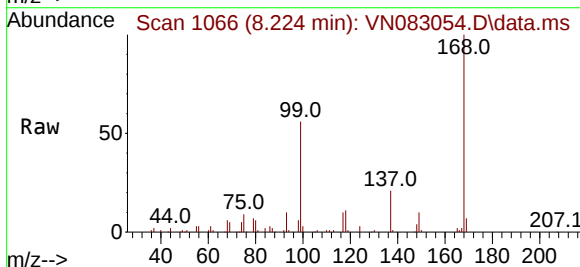
Tgt Ion: 75 Resp: 13399

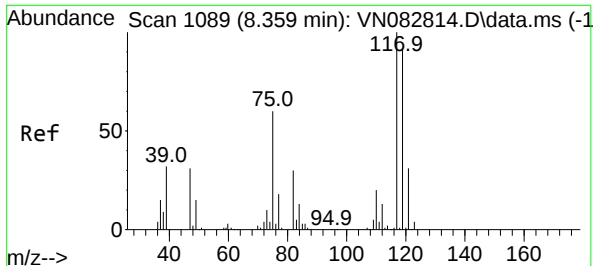
Ion Ratio Lower Upper

75 100

110 8.5 16.3 48.9#

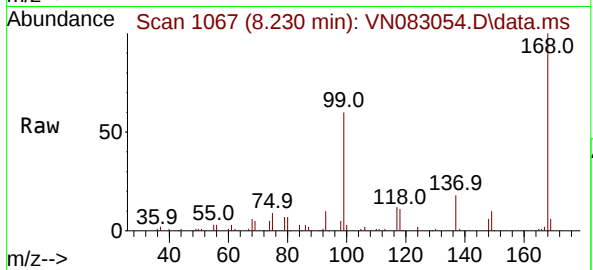
77 0.0 24.6 37.0#



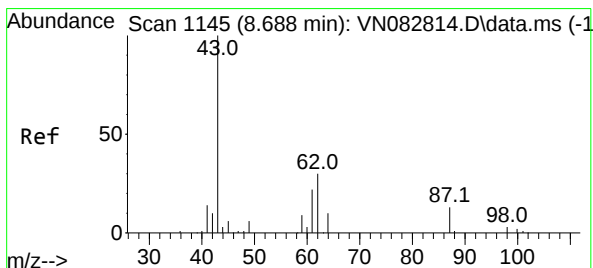
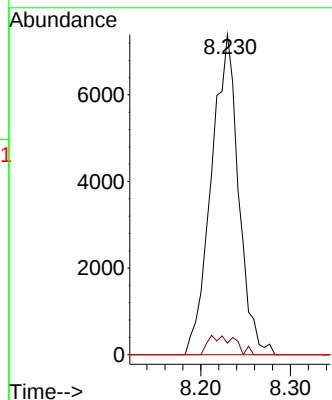
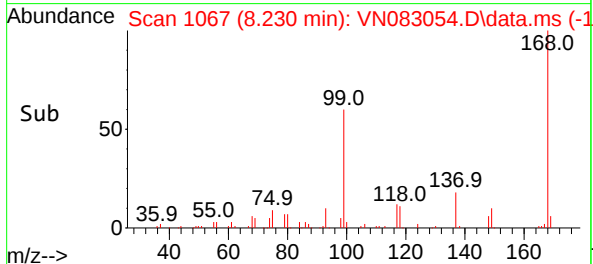


#38
Carbon Tetrachloride
Concen: 4.975 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :

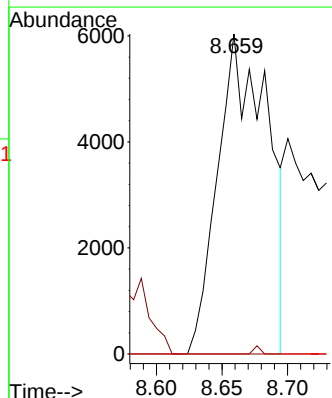
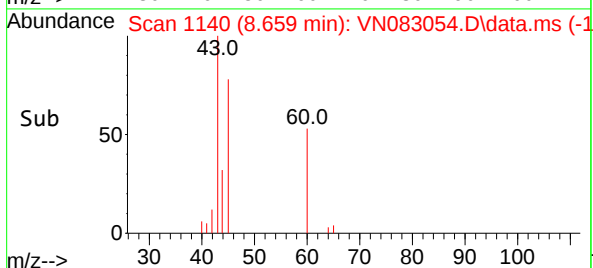
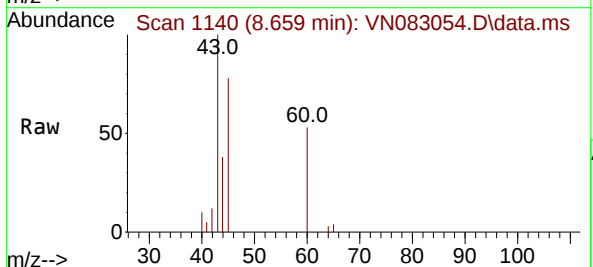


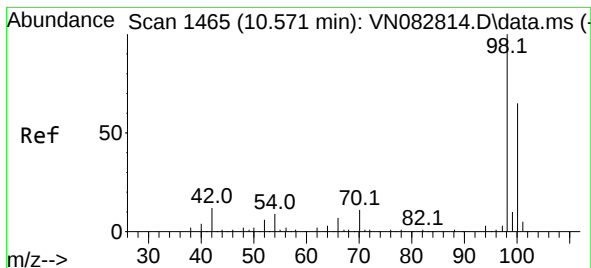
Tgt Ion:117 Resp: 15600
Ion Ratio Lower Upper
117 100
119 3.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.247 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.035 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

Tgt Ion: 43 Resp: 15993
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 48.487 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083054.D

Acq: 26 Jul 2024 16:11

Instrument :

MSVOA_N

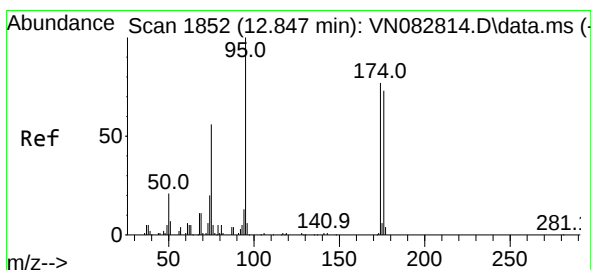
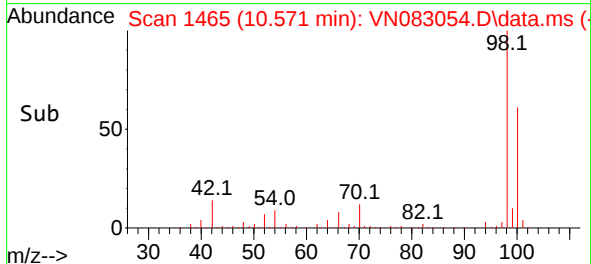
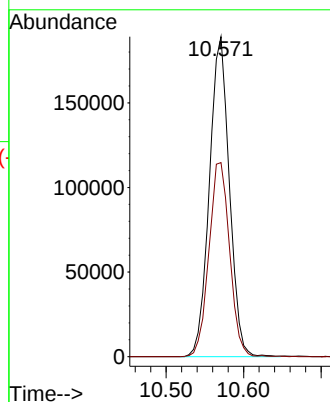
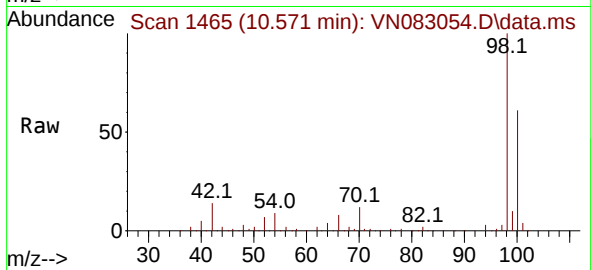
ClientSampleId :

Tgt Ion: 98 Resp: 338261

Ion Ratio Lower Upper

98 100

100 62.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 43.900 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083054.D

Acq: 26 Jul 2024 16:11

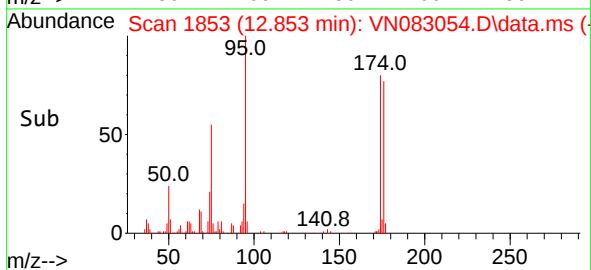
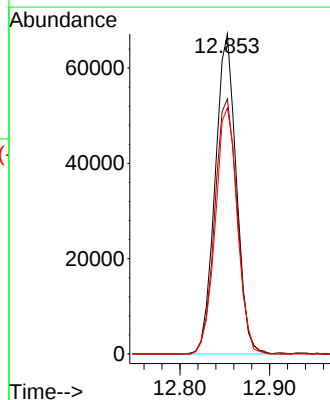
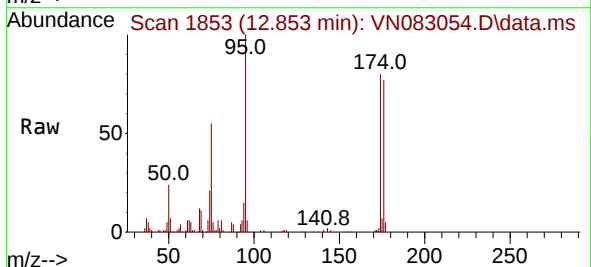
Tgt Ion: 95 Resp: 110012

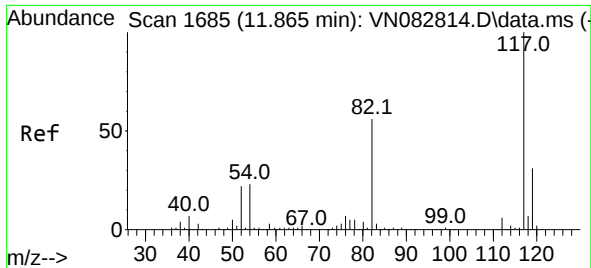
Ion Ratio Lower Upper

95 100

174 84.9 0.0 159.2

176 80.0 0.0 147.6

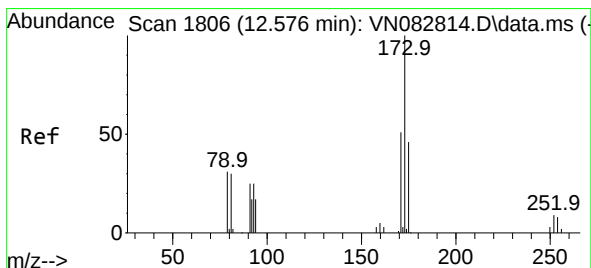
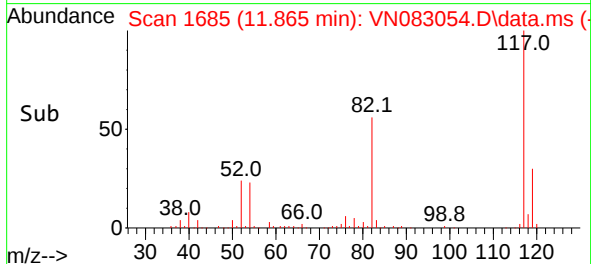
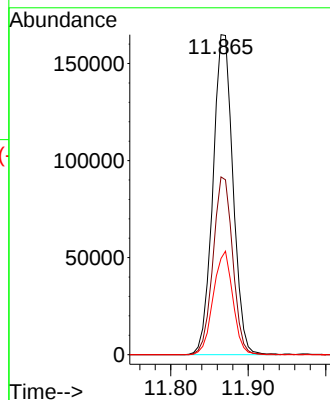
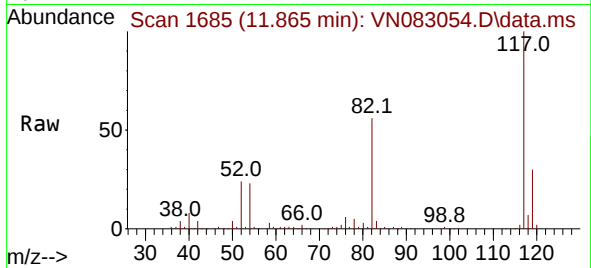




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

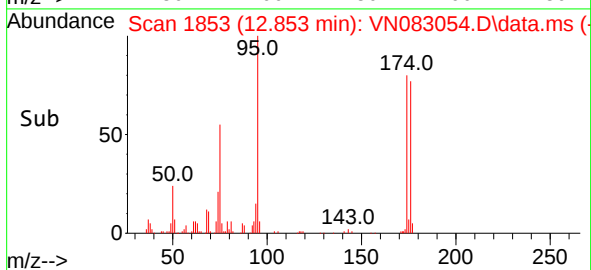
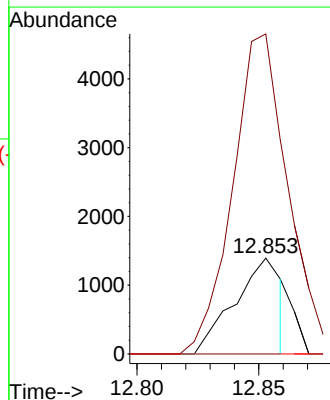
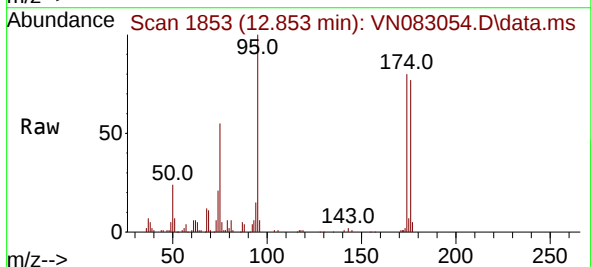
Instrument :
MSVOA_N
ClientSampleId :

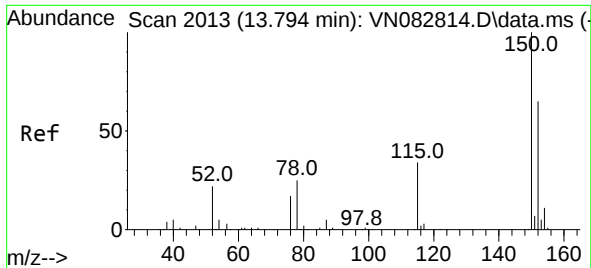
Tgt Ion:117 Resp: 296210
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 30.0 25.6 38.4



#71
Bromoform
Concen: 1.049 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN083054.D
Acq: 26 Jul 2024 16:11

Tgt Ion:173 Resp: 1862
Ion Ratio Lower Upper
173 100
175 331.4 24.0 72.0#
254 0.0 0.0 0.0

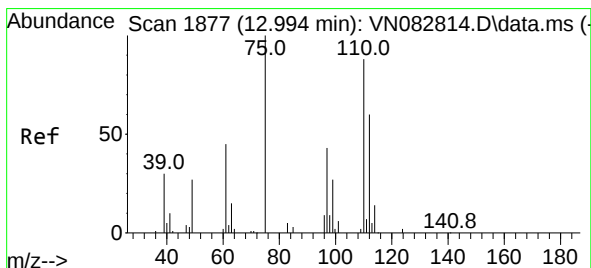
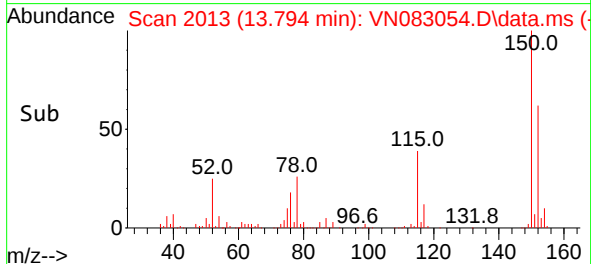
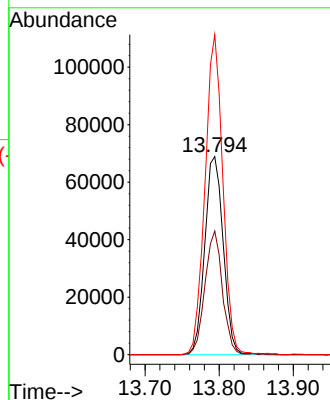
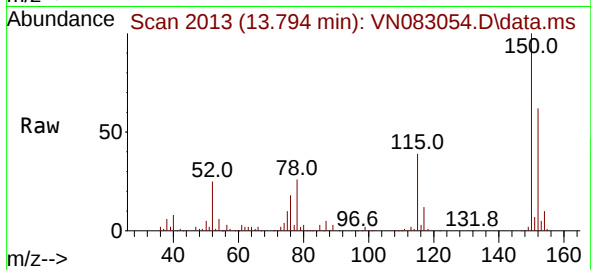




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN083054.D
 Acq: 26 Jul 2024 16:11

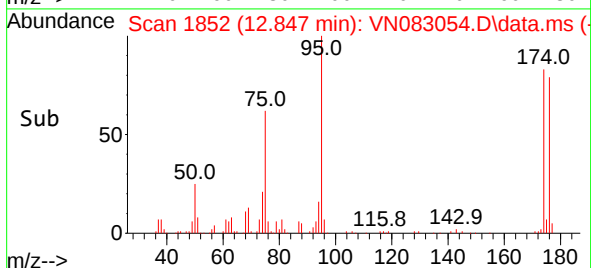
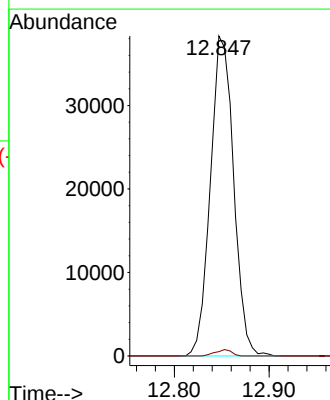
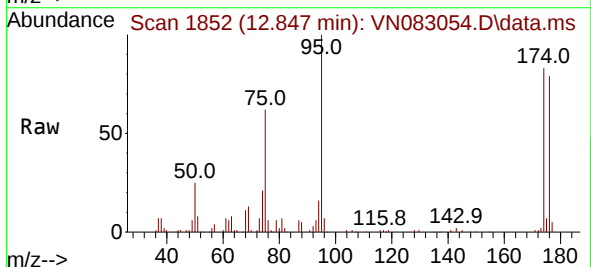
Instrument :
 MSVOA_N
 ClientSampleId :

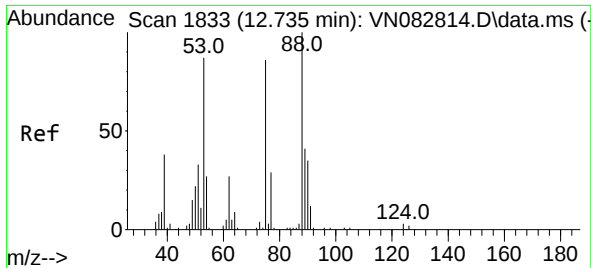
Tgt Ion:152 Resp: 119337
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.6 91.6
 150 155.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.794 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083054.D
 Acq: 26 Jul 2024 16:11

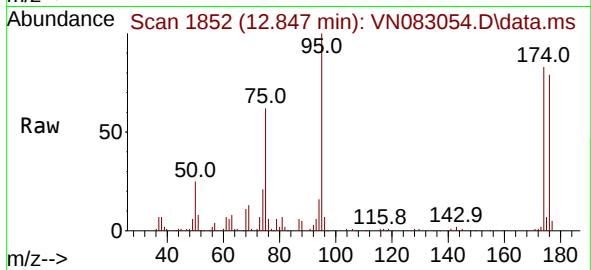
Tgt Ion: 75 Resp: 65414
 Ion Ratio Lower Upper
 75 100
 77 1.4 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.529 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN083054.D
 Acq: 26 Jul 2024 16:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 65414
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.4 132.6#
 89 0.0 36.3 54.5#

