

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081434.D
 Acq On : 15 Mar 2024 18:53
 Operator : JC\MD
 Sample : P1769-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-3-14-24

Quant Time: Mar 15 23:38:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

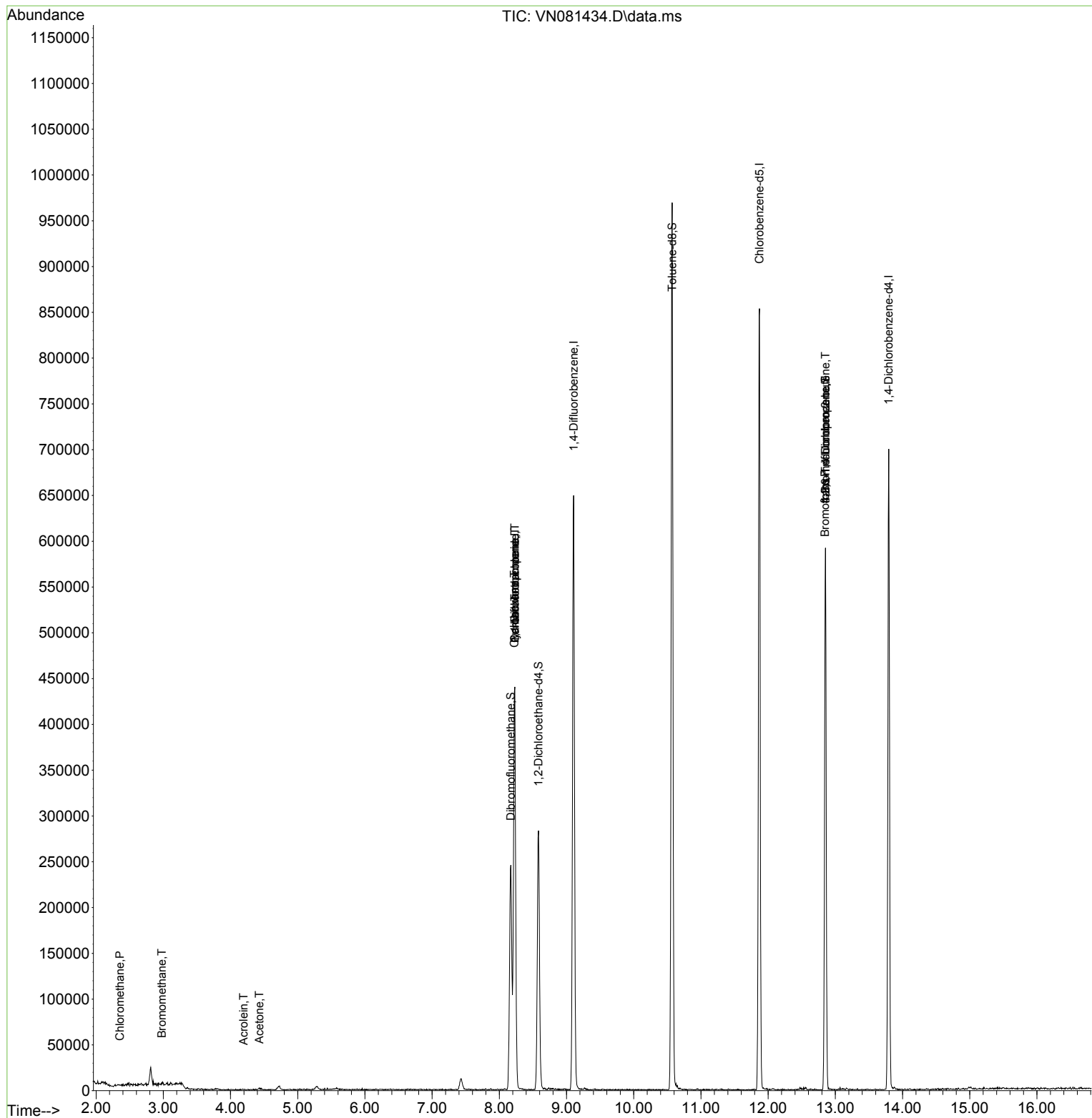
Internal Standards						
1) Pentafluorobenzene	8.230	168	294076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	535414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	468767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230240	54.148	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.300%		
35) Dibromofluoromethane	8.171	113	175987	53.650	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.300%		
50) Toluene-d8	10.571	98	648716	52.902	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.800%		
62) 4-Bromofluorobenzene	12.853	95	193730	44.699	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 89.400%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	993	0.236	ug/l #	78
5) Bromomethane	2.977	94	999	0.341	ug/l #	6
13) Acrolein	4.195	56	448	0.509	ug/l #	45
16) Acetone	4.430	43	1712	1.136	ug/l	91
20) Methylene Chloride	5.271	84	1296	Below Cal	#	70
31) Cyclohexane	8.224	56	8508	1.322	ug/l #	2
36) 1,1-Dichloropropene	8.230	75	26798	5.064	ug/l #	50
38) Carbon Tetrachloride	8.230	117	33612	6.311	ug/l #	19
71) Bromoform	12.847	173	647	0.258	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	111332	27.524	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	111332	76.813	ug/l #	14

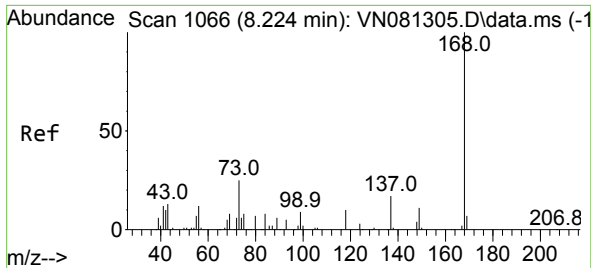
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

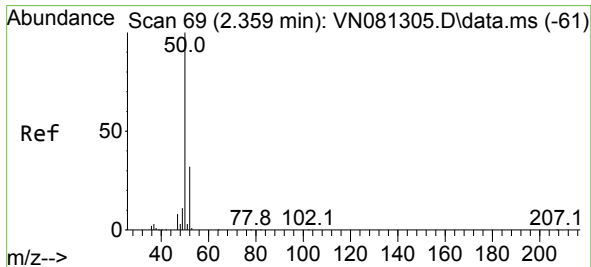
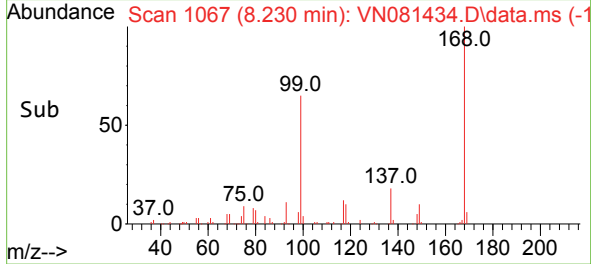
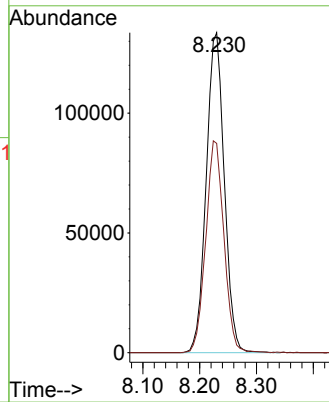
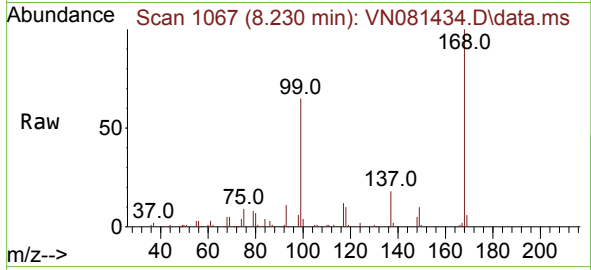




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

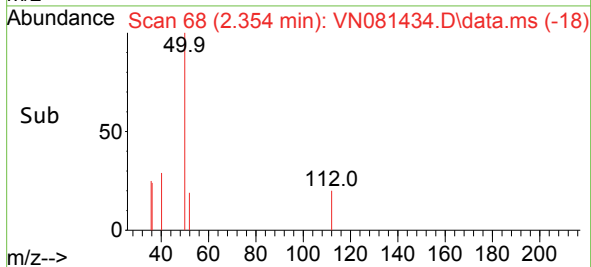
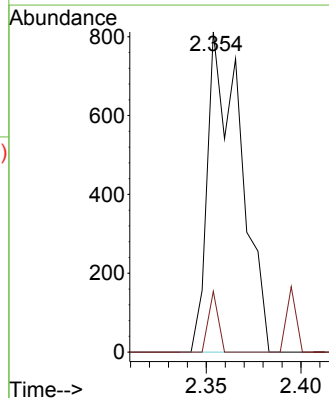
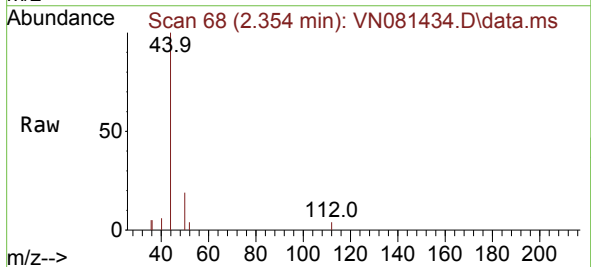
Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24

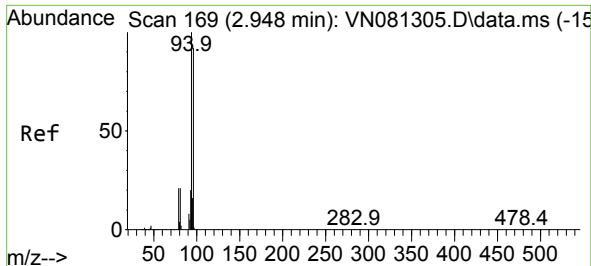
Tgt Ion:168 Resp: 294076
Ion Ratio Lower Upper
168 100
99 65.4 59.9 89.9



#3
Chloromethane
Concen: 0.236 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

Tgt Ion: 50 Resp: 993
Ion Ratio Lower Upper
50 100
52 19.0 25.0 37.4#

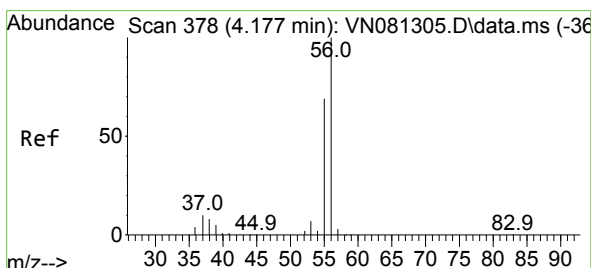
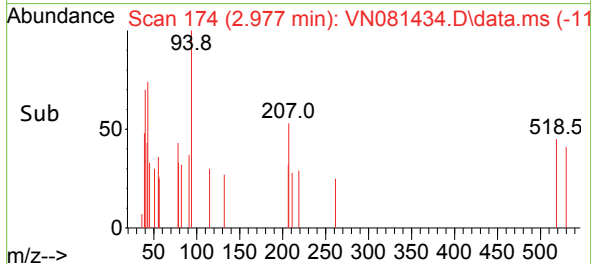
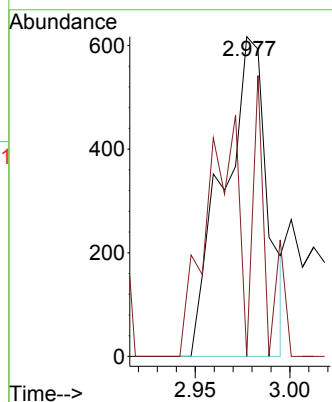
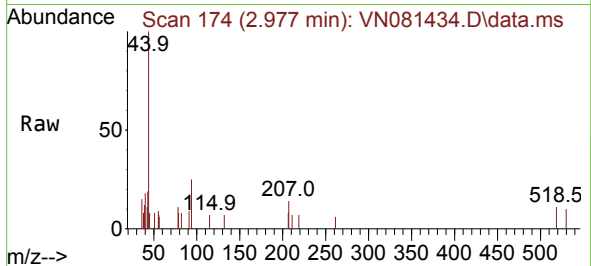




#5
Bromomethane
Concen: 0.341 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

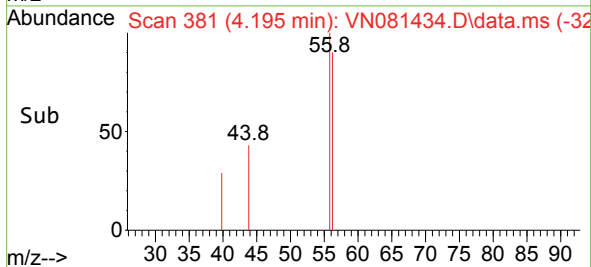
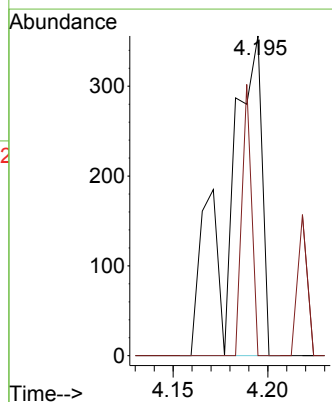
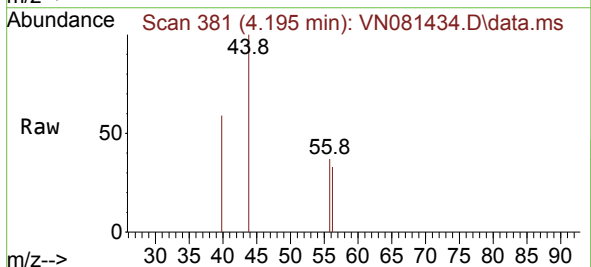
Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24

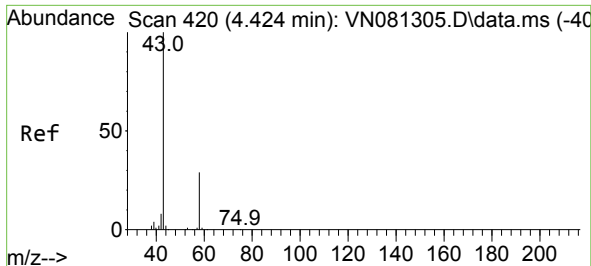
Tgt Ion: 94 Resp: 999
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#



#13
Acrolein
Concen: 0.509 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

Tgt Ion: 56 Resp: 448
Ion Ratio Lower Upper
56 100
55 23.9 55.3 82.9#

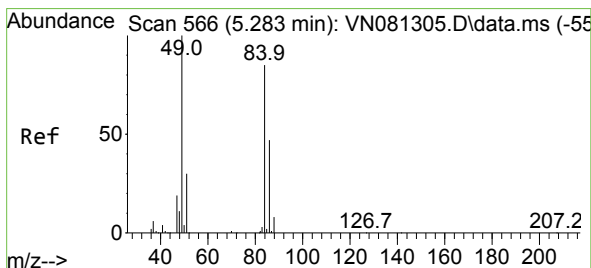
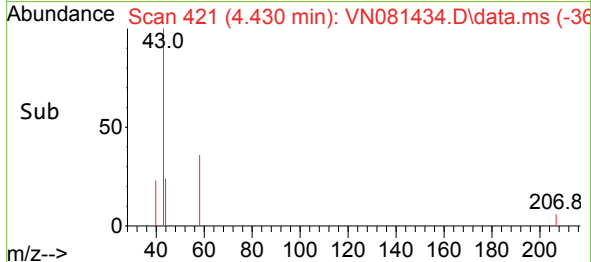
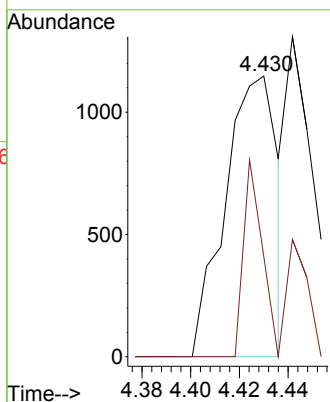
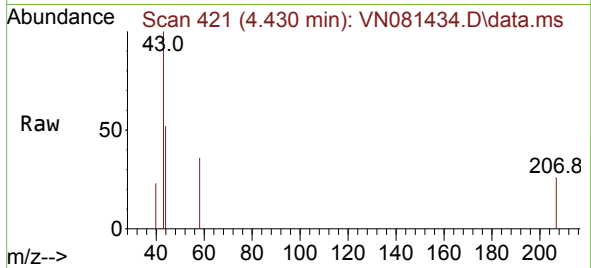




#16
Acetone
Concen: 1.136 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

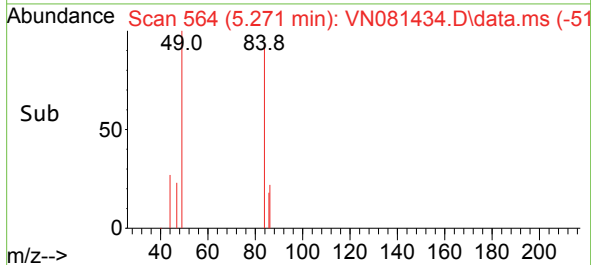
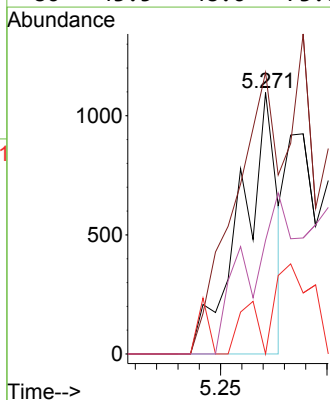
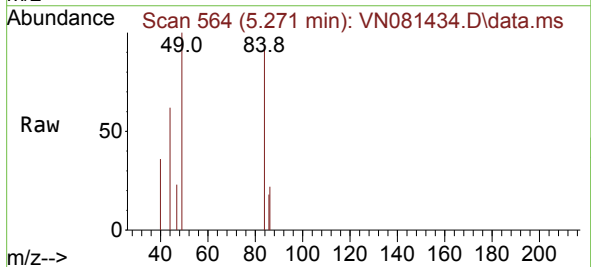
Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24

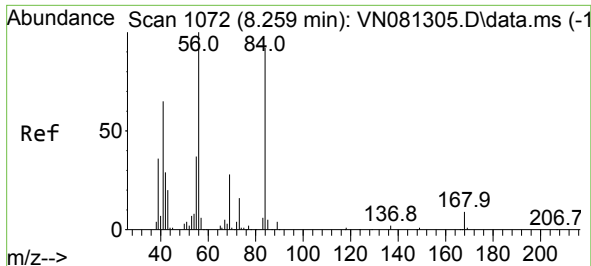
Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 35.7 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

Tgt Ion: 84 Resp: 1296
Ion Ratio Lower Upper
84 100
49 107.7 108.1 162.1#
51 0.0 32.9 49.3#
86 43.5 48.6 73.0#

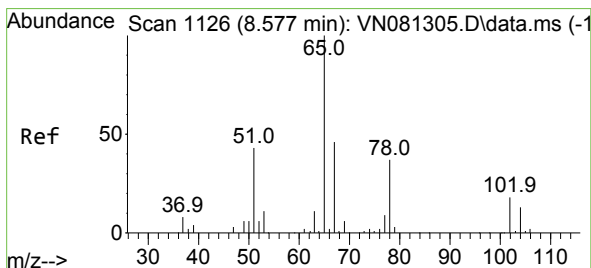
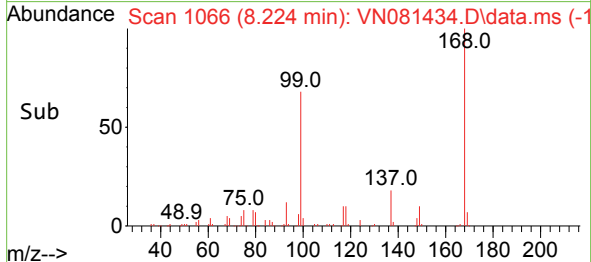
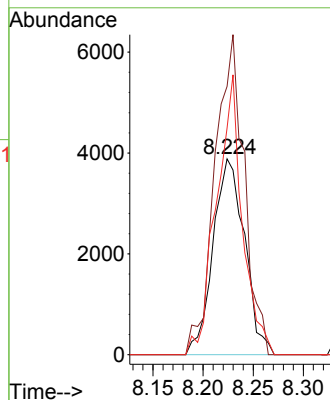
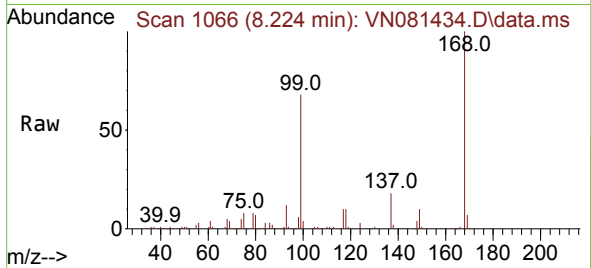




#31
Cyclohexane
Concen: 1.322 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

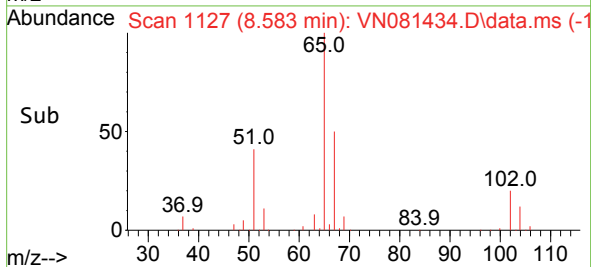
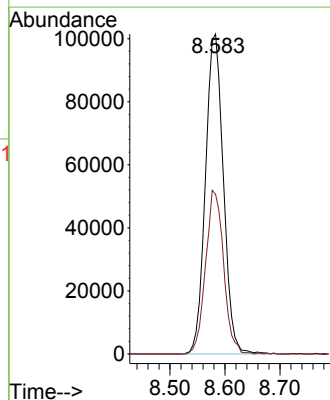
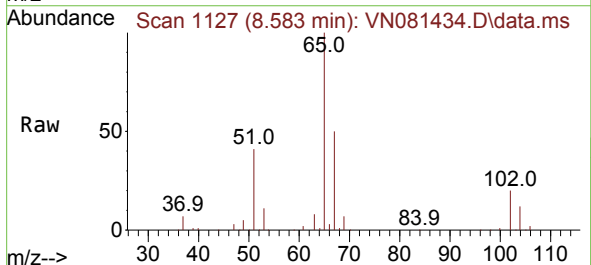
Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24

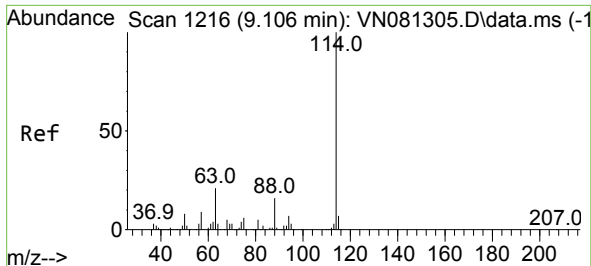
Tgt Ion: 56 Resp: 8508
Ion Ratio Lower Upper
56 100
69 137.0 20.1 30.1#
84 115.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.148 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

Tgt Ion: 65 Resp: 230240
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

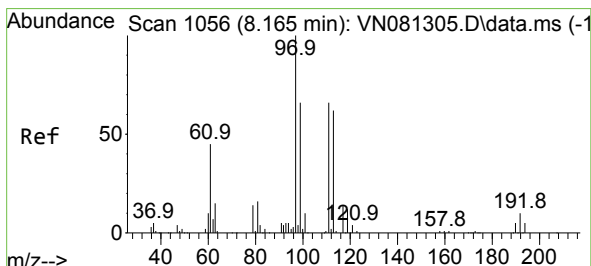
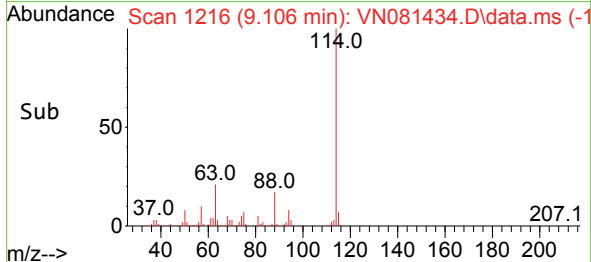
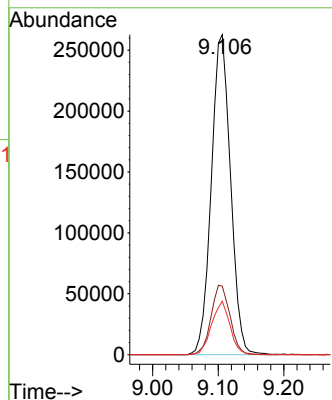
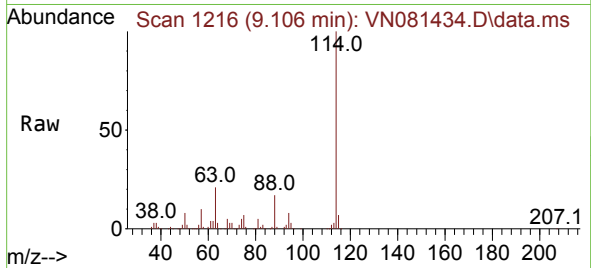




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

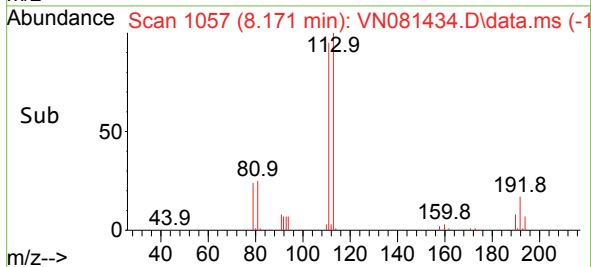
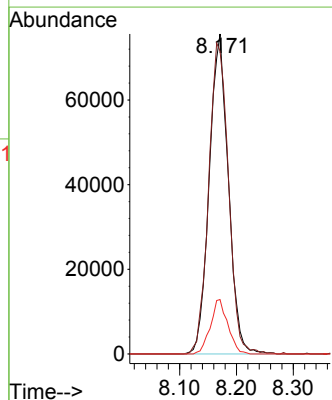
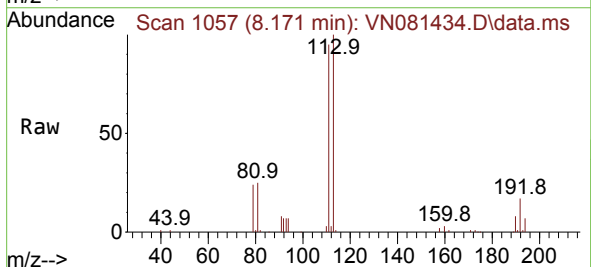
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FB-3-14-24

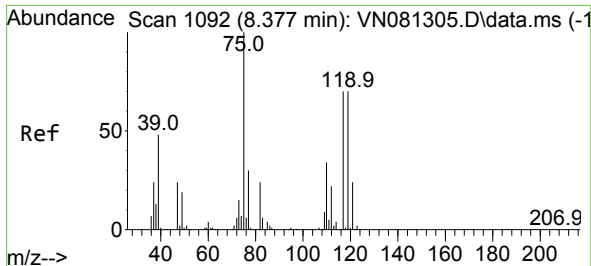
Tgt Ion:114 Resp: 535414
Ion Ratio Lower Upper
114 100
63 21.4 0.0 48.0
88 16.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.650 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

Tgt Ion:113 Resp: 175987
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 15.5 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.064 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN081434.D

Acq: 15 Mar 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

FB-3-14-24

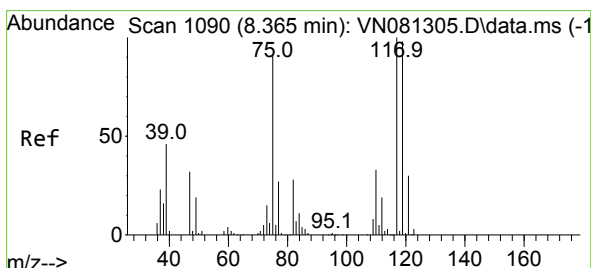
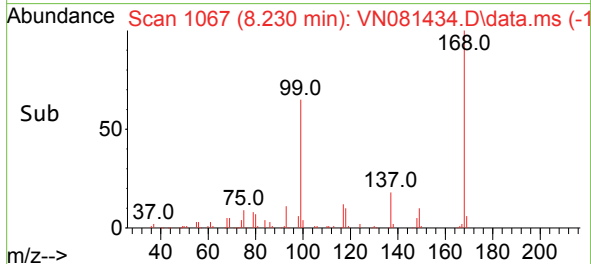
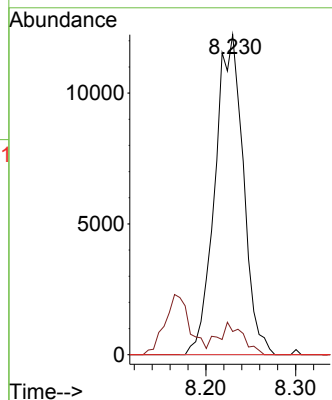
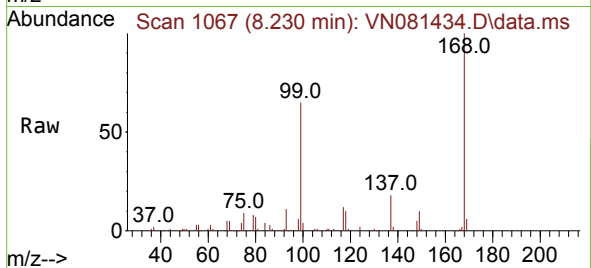
Tgt Ion: 75 Resp: 26798

Ion Ratio Lower Upper

75 100

110 8.8 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.311 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081434.D

Acq: 15 Mar 2024 18:53

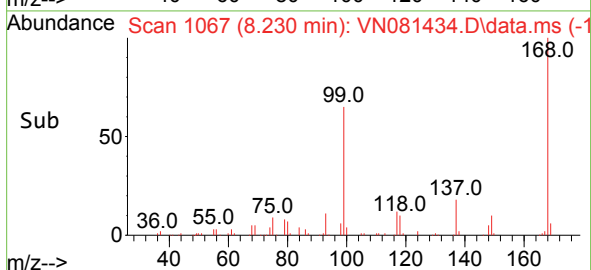
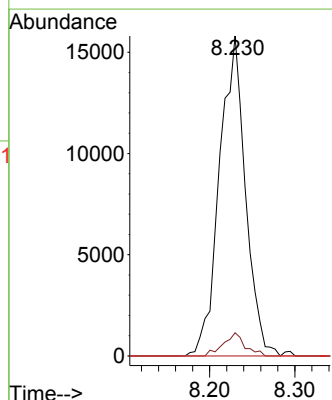
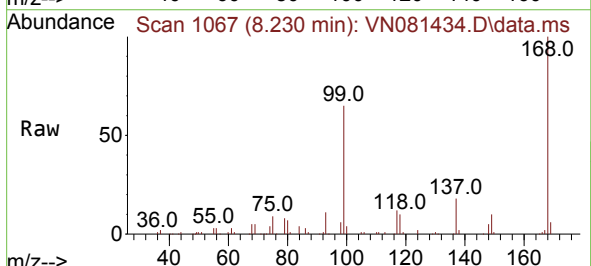
Tgt Ion: 117 Resp: 33612

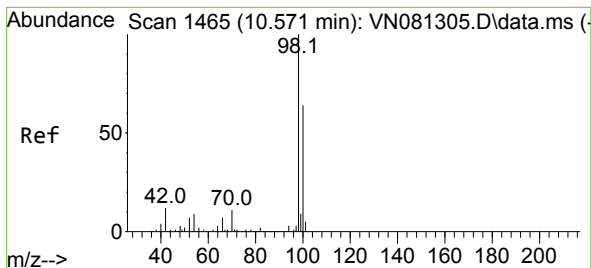
Ion Ratio Lower Upper

117 100

119 7.3 73.4 110.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 52.902 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081434.D

Acq: 15 Mar 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

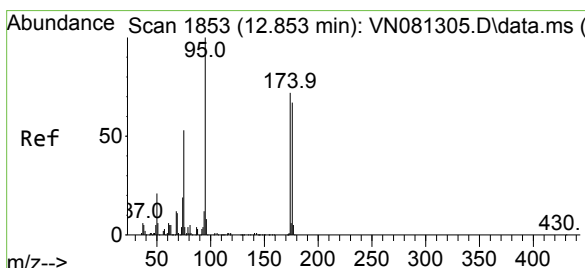
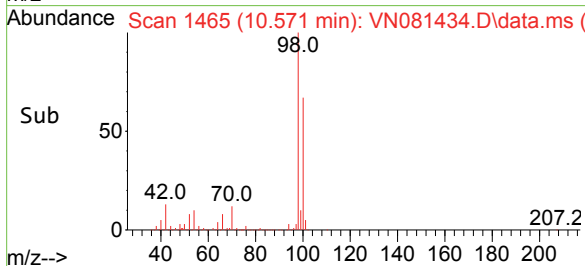
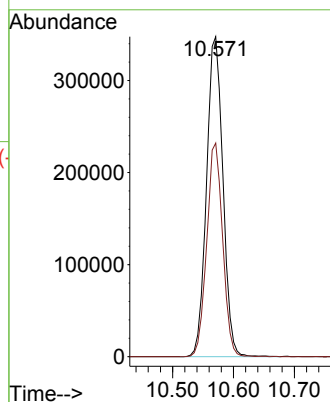
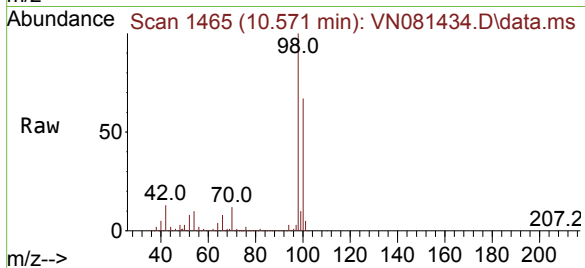
FB-3-14-24

Tgt Ion: 98 Resp: 648716

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 44.699 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081434.D

Acq: 15 Mar 2024 18:53

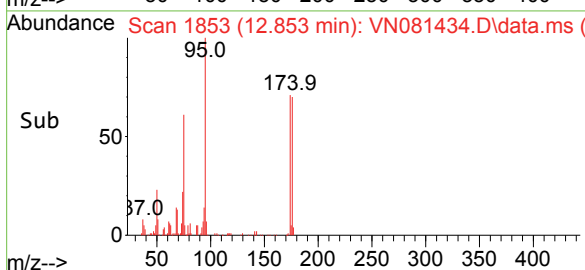
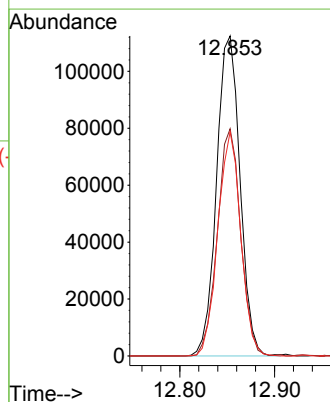
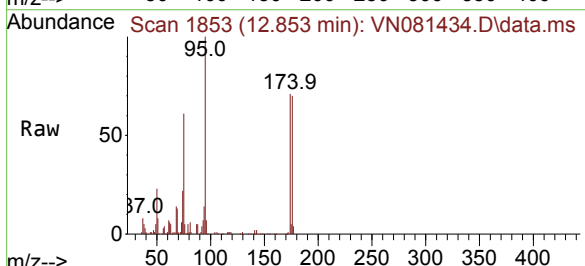
Tgt Ion: 95 Resp: 193730

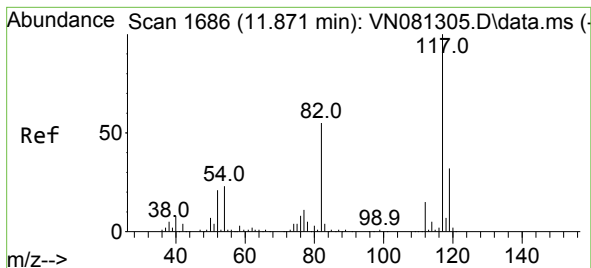
Ion Ratio Lower Upper

95 100

174 70.5 0.0 120.4

176 68.3 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081434.D

Acq: 15 Mar 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

FB-3-14-24

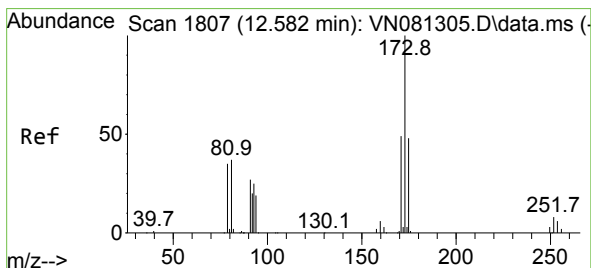
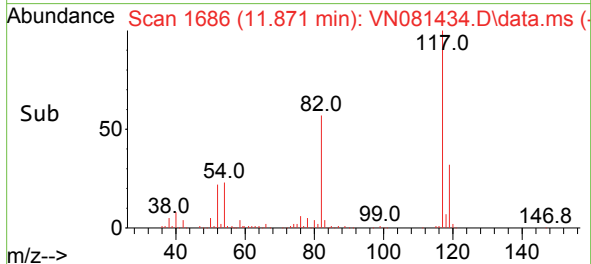
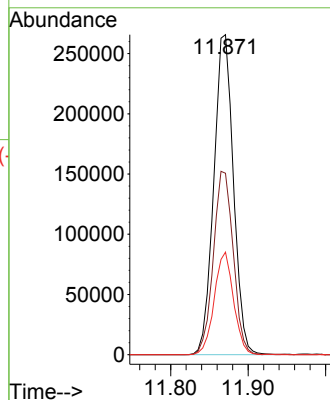
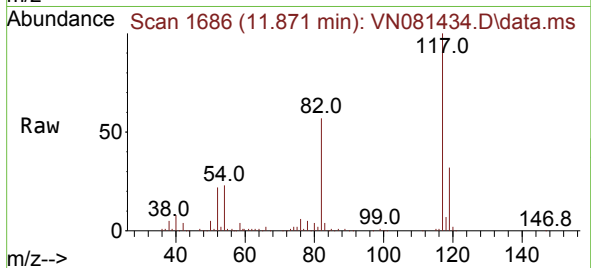
Tgt Ion:117 Resp: 468767

Ion Ratio Lower Upper

117 100

82 56.7 52.7 79.1

119 32.1 25.3 37.9



#71

Bromoform

Concen: 0.258 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN081434.D

Acq: 15 Mar 2024 18:53

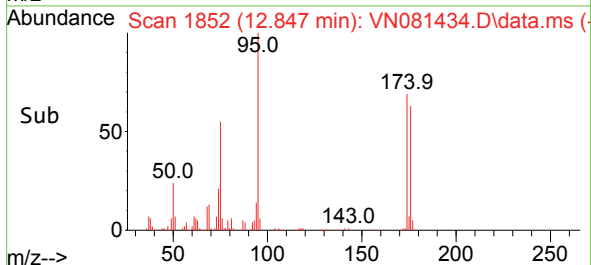
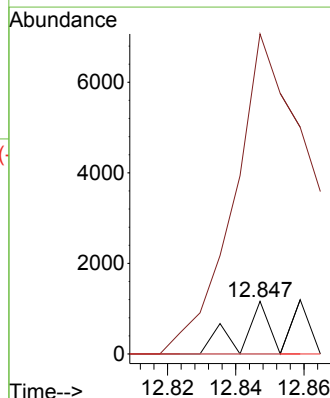
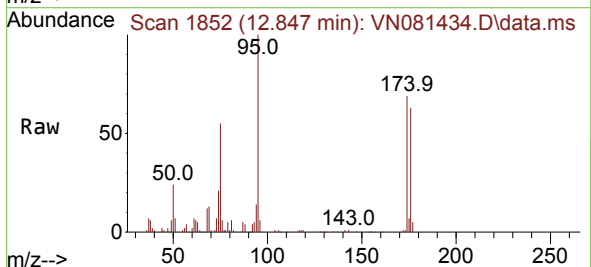
Tgt Ion:173 Resp: 647

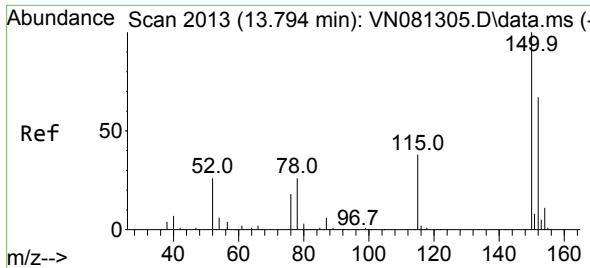
Ion Ratio Lower Upper

173 100

175 1380.4 23.1 69.2#

254 0.0 0.0 0.0

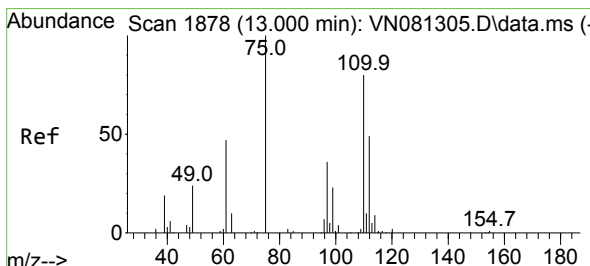
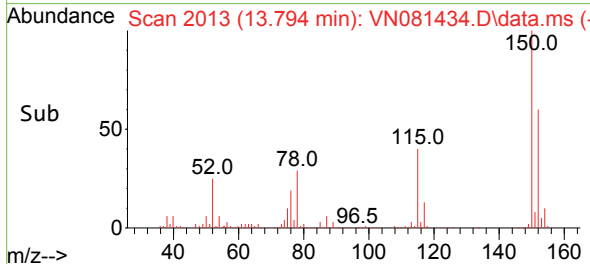
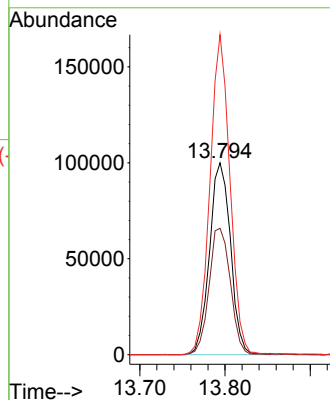
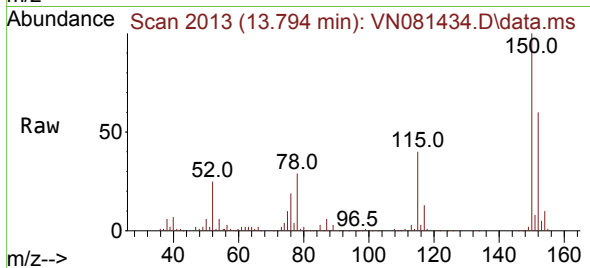




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081434.D
 Acq: 15 Mar 2024 18:53

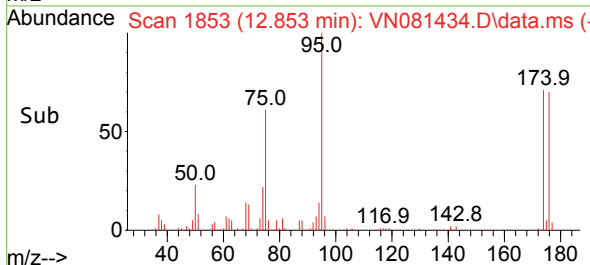
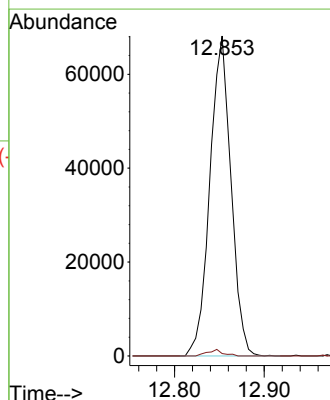
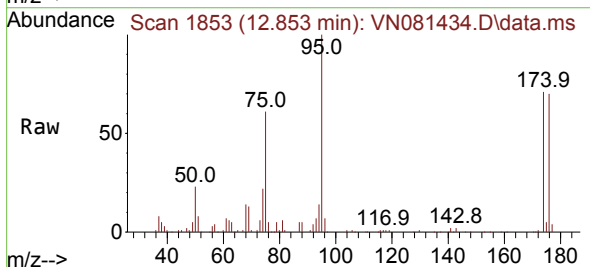
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-3-14-24

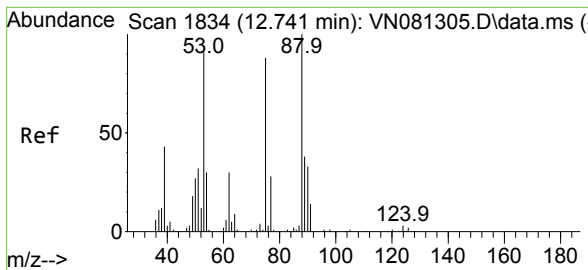
Tgt Ion:152 Resp: 171254
 Ion Ratio Lower Upper
 152 100
 115 66.9 32.3 96.8
 150 158.6 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 27.524 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN081434.D
 Acq: 15 Mar 2024 18:53

Tgt Ion: 75 Resp: 111332
 Ion Ratio Lower Upper
 75 100
 77 1.5 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.813 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081434.D
 Acq: 15 Mar 2024 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-3-14-24

Tgt Ion: 75 Resp: 111332
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.0 33.4 50.0#

