

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083050.D
 Acq On : 26 Jul 2024 14:34
 Operator : JC\MD
 Sample : P3323-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:06:59 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)

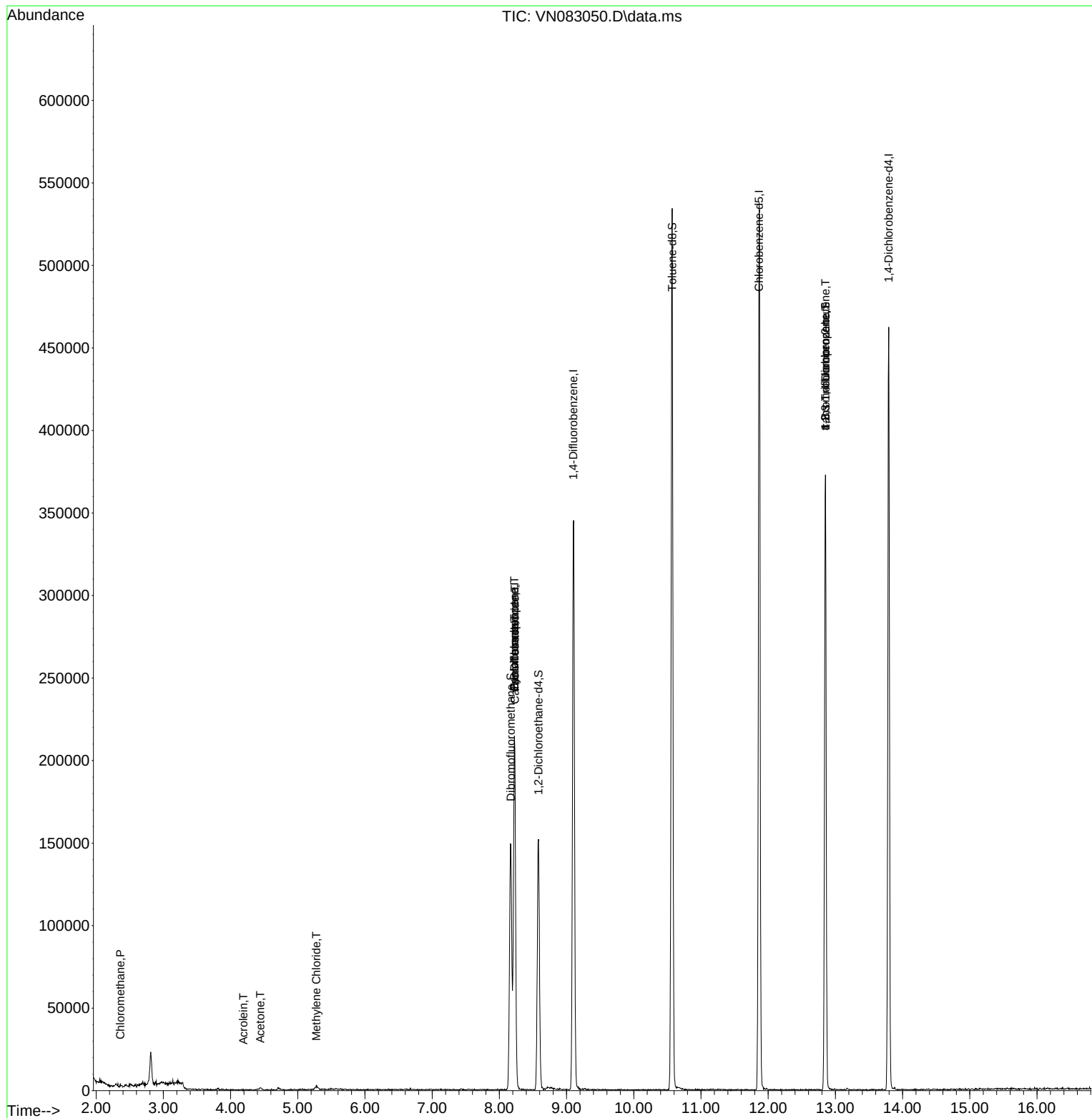
Internal Standards						
1) Pentafluorobenzene	8.224	168	149053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125037	59.843	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.680%			
35) Dibromofluoromethane	8.171	113	105890	57.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.580%			
50) Toluene-d8	10.571	98	353601	51.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.580%			
62) 4-Bromofluorobenzene	12.853	95	115387	47.052	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.100%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1249	0.682	ug/l	95
13) Acrolein	4.189	56	145	0.571	ug/l #	14
16) Acetone	4.442	43	2664	3.621	ug/l #	65
20) Methylene Chloride	5.277	84	1300	0.732	ug/l #	55
31) Cyclohexane	8.224	56	5028	1.841	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	13524	5.307	ug/l #	49
38) Carbon Tetrachloride	8.230	117	16460	5.364	ug/l #	17
43) Isopropyl Acetate	8.718	43	1212	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.853	75	65546	31.548	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65546	62.046	ug/l #	6

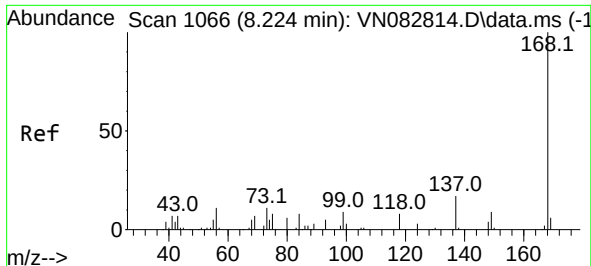
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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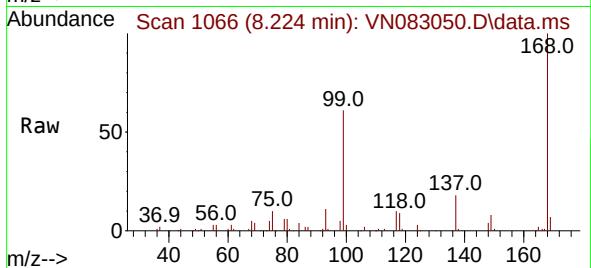
Quant Time: Jul 26 23:06:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
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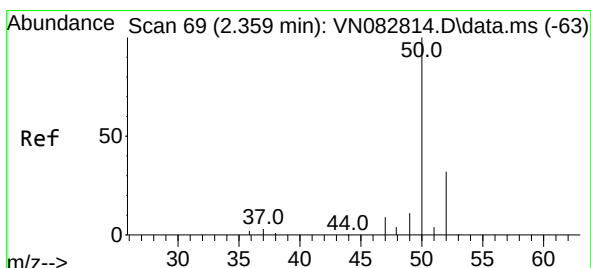
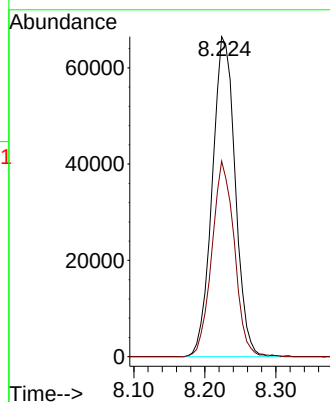
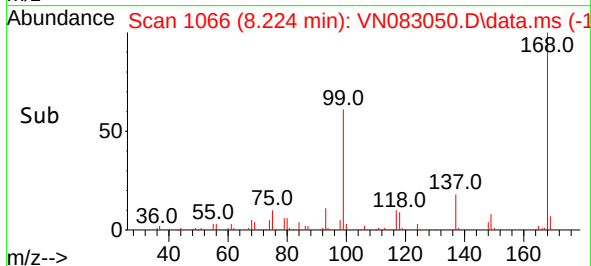


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

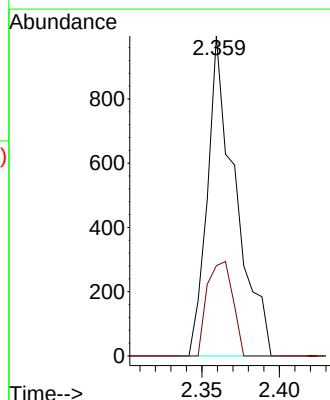
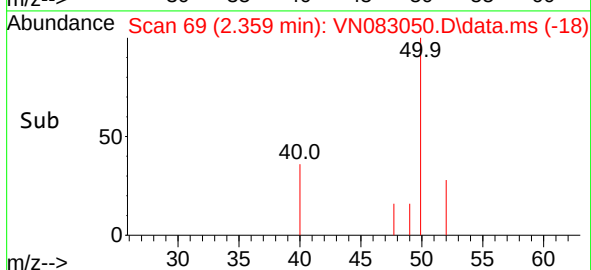
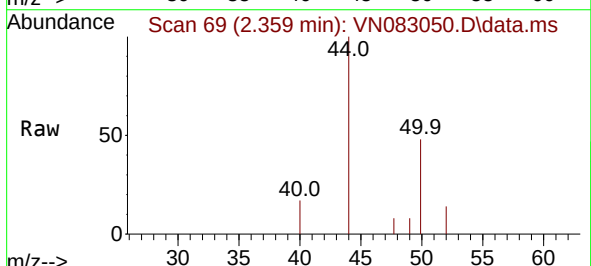


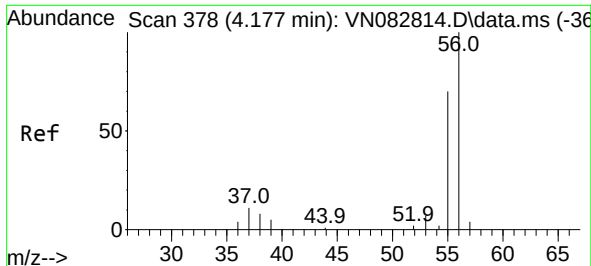
Tgt Ion:168 Resp: 149053
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#3
Chloromethane
Concen: 0.682 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

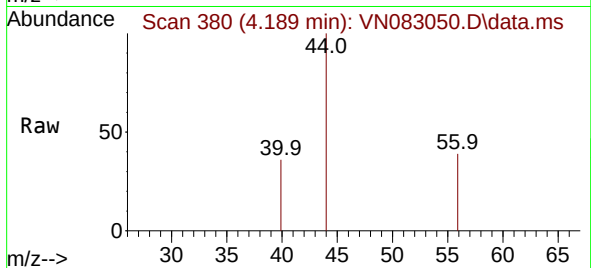
Tgt Ion: 50 Resp: 1249
Ion Ratio Lower Upper
50 100
52 28.2 25.0 37.4



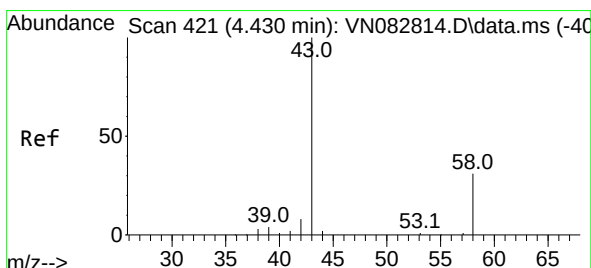
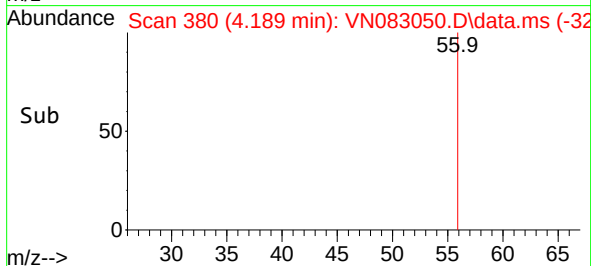
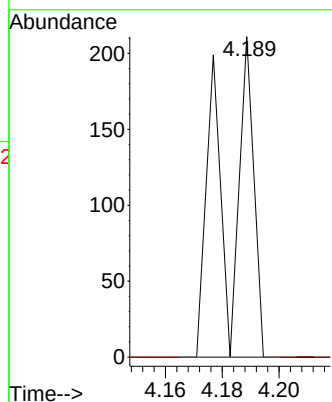


#13
Acrolein
Concen: 0.571 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

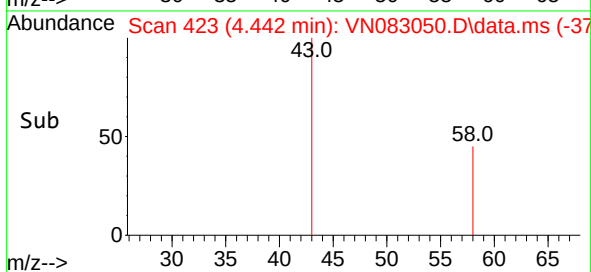
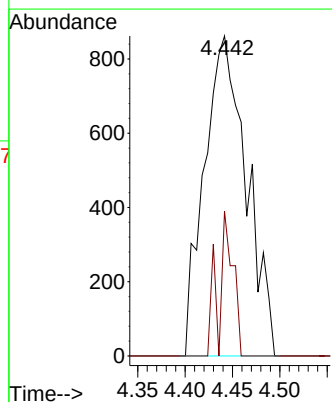
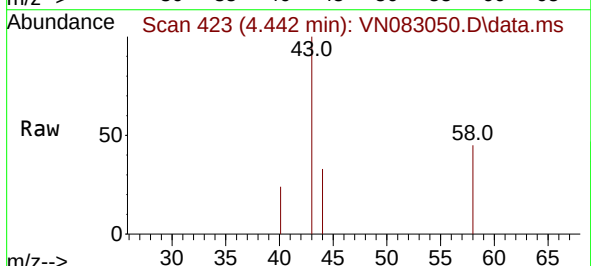


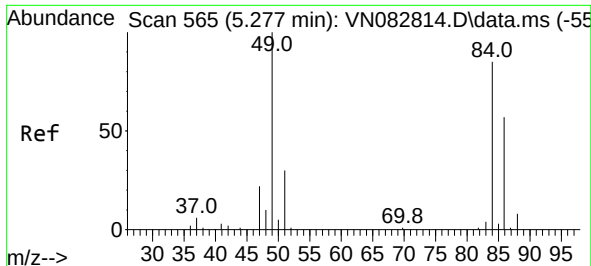
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.621 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

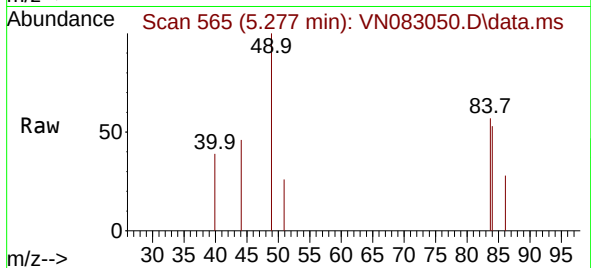
Tgt Ion: 43 Resp: 2664
Ion Ratio Lower Upper
43 100
58 45.2 21.8 32.6#



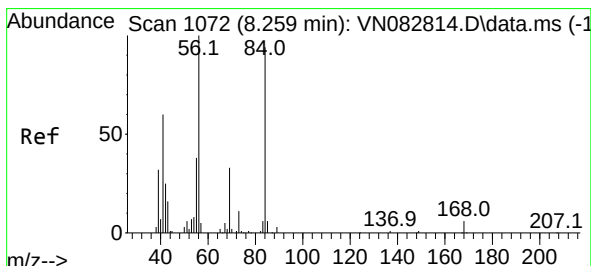
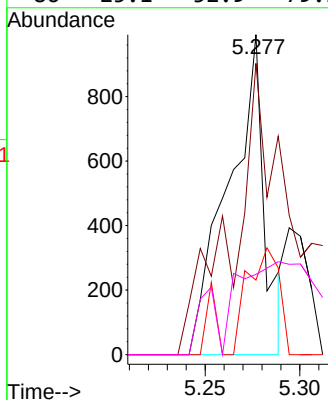
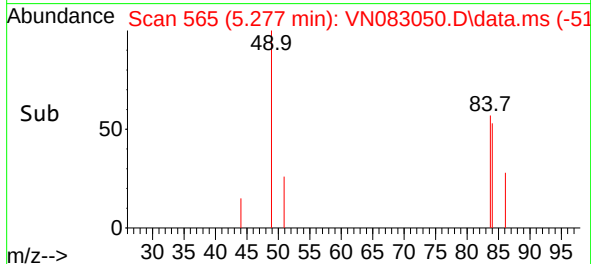


#20
Methylene Chloride
Concen: 0.732 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

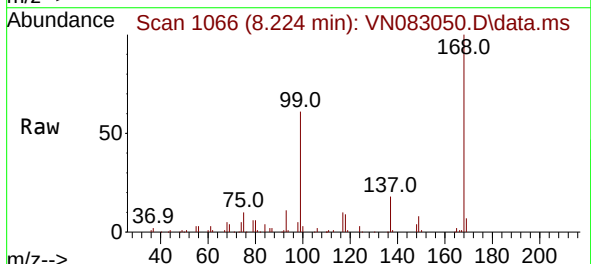
Instrument :
MSVOA_N
ClientSampleId :



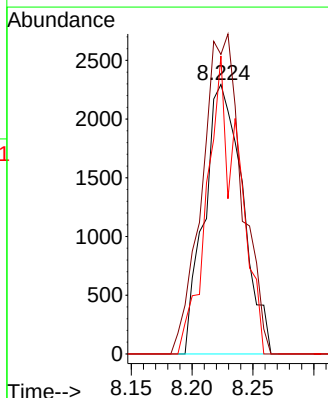
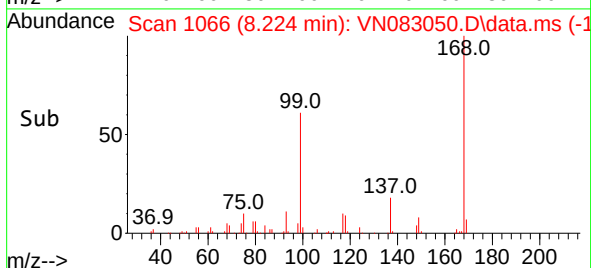
Tgt Ion: 84 Resp: 1300
Ion Ratio Lower Upper
84 100
49 91.0 119.6 179.4#
51 23.3 34.8 52.2#
86 25.1 52.9 79.3#

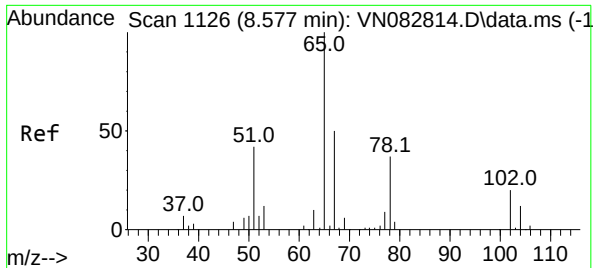


#31
Cyclohexane
Concen: 1.841 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34



Tgt Ion: 56 Resp: 5028
Ion Ratio Lower Upper
56 100
69 111.2 24.5 36.7#
84 110.6 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 59.843 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083050.D

Acq: 26 Jul 2024 14:34

Instrument :

MSVOA_N

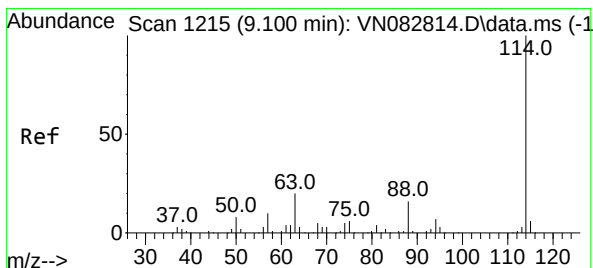
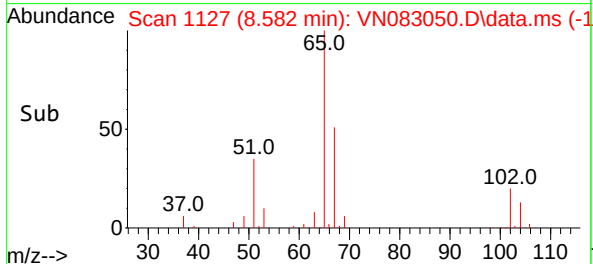
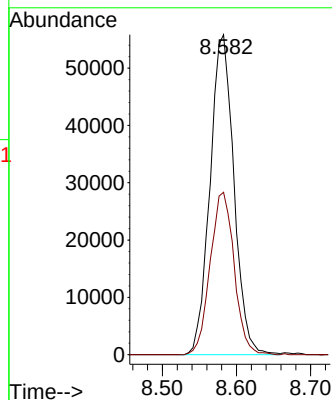
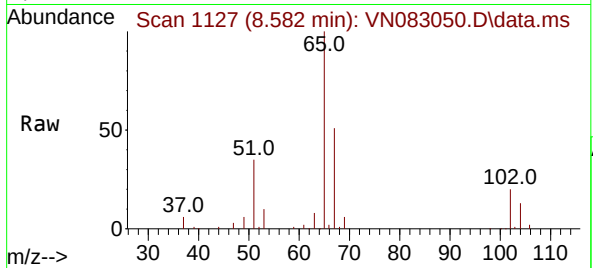
ClientSampleId :

Tgt Ion: 65 Resp: 125037

Ion Ratio Lower Upper

65 100

67 51.0 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: VN083050.D

Acq: 26 Jul 2024 14:34

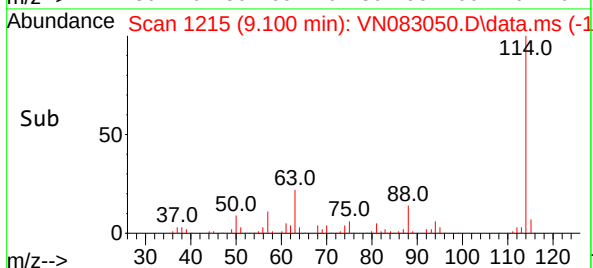
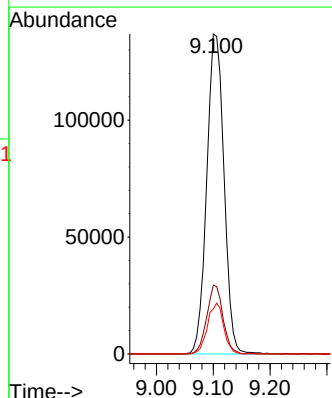
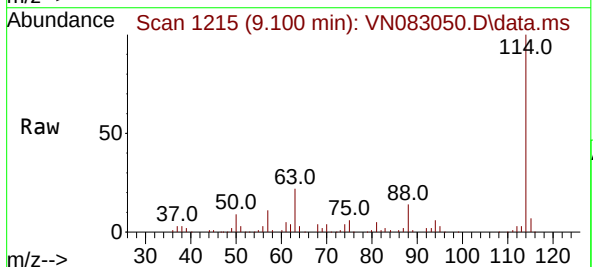
Tgt Ion: 114 Resp: 288056

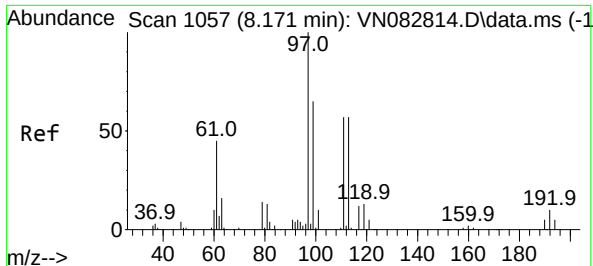
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

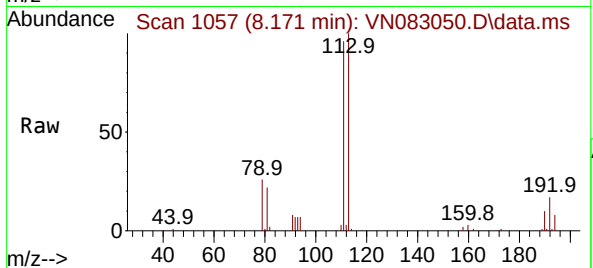
88 14.0 0.0 31.4



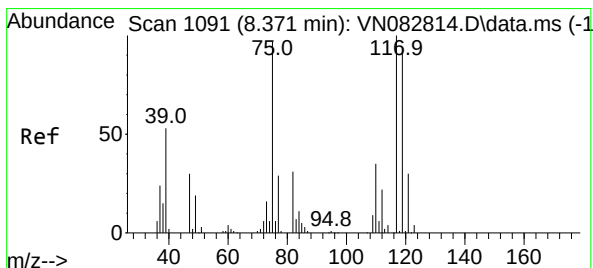
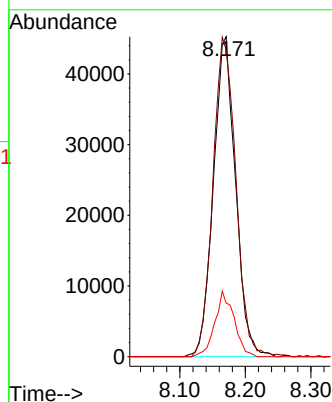
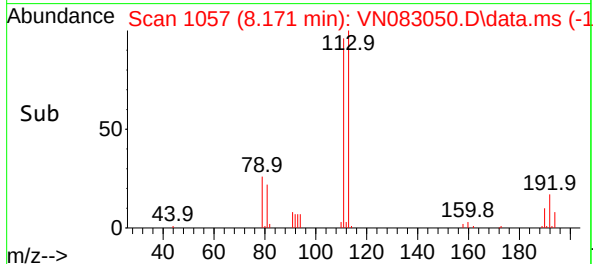


#35
Dibromofluoromethane
Concen: 57.288 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

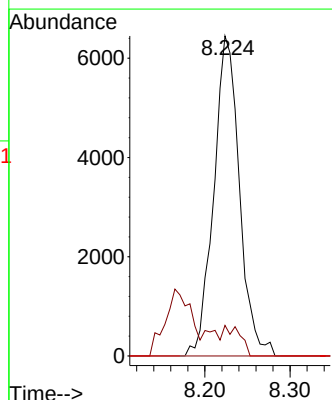
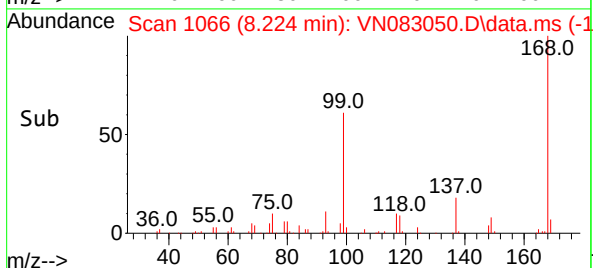
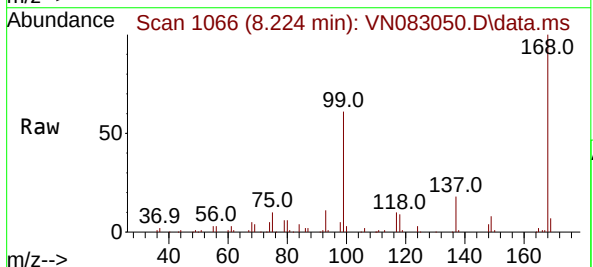


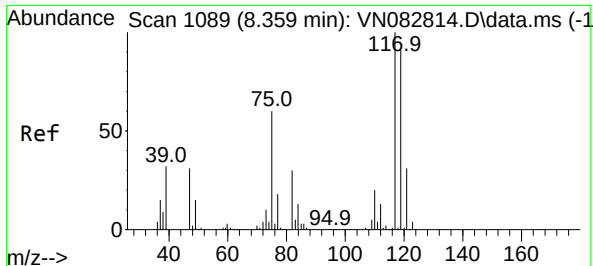
Tgt Ion:113 Resp: 105890
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 17.8 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.307 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

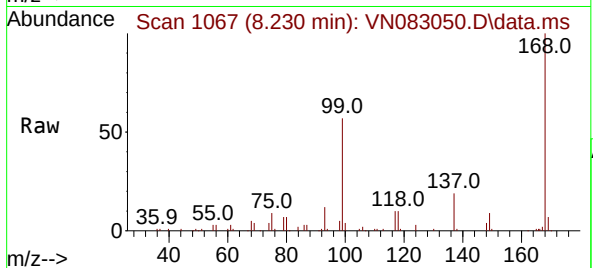
Tgt Ion: 75 Resp: 13524
Ion Ratio Lower Upper
75 100
110 6.2 16.3 48.9#
77 0.0 24.6 37.0#



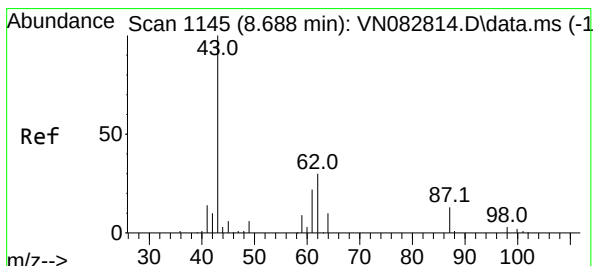
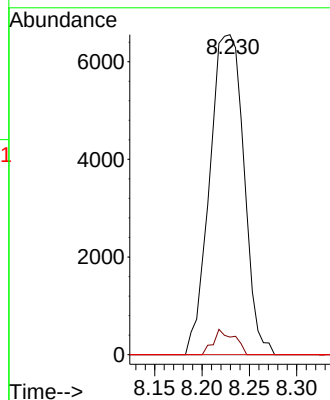
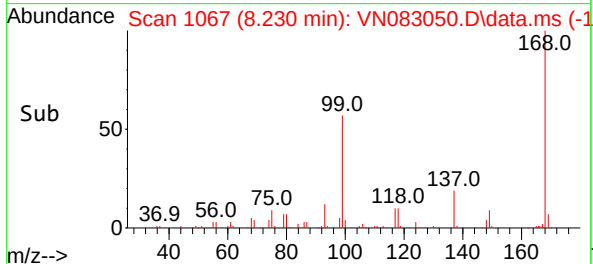


#38
Carbon Tetrachloride
Concen: 5.364 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

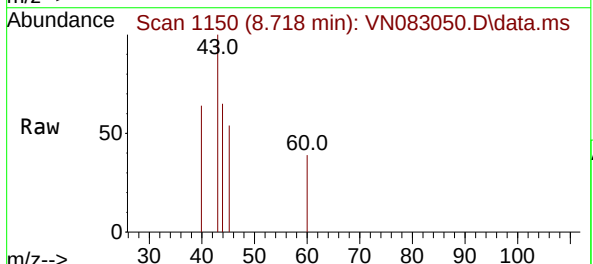
Instrument :
MSVOA_N
ClientSampleId :



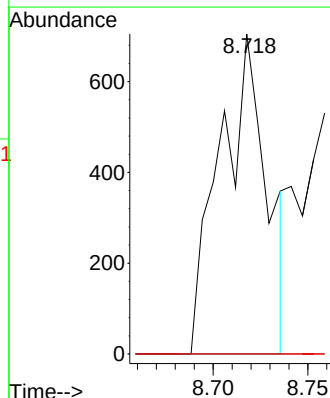
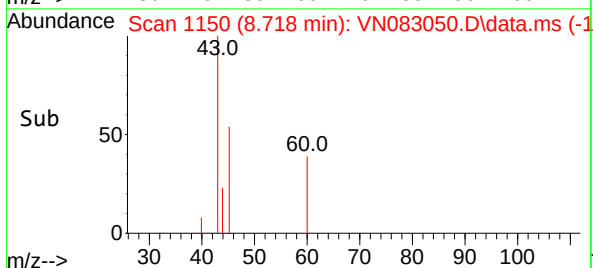
Tgt Ion:117 Resp: 16460
Ion Ratio Lower Upper
117 100
119 5.5 74.9 112.3#
121 0.0 24.3 36.5#

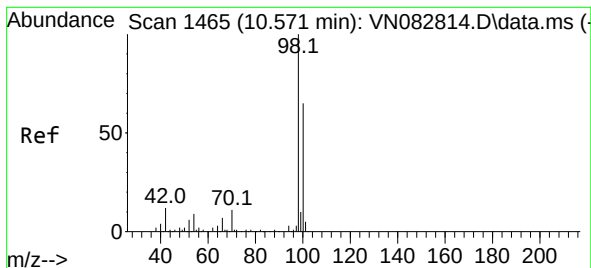


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.718 min Scan# 1150
Delta R.T. 0.024 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34



Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

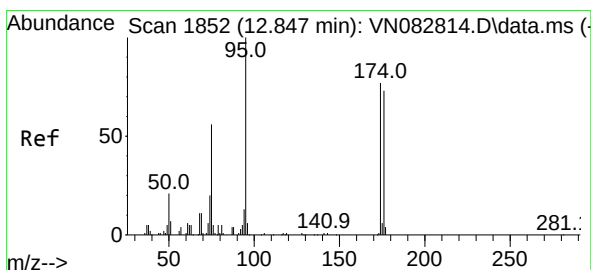
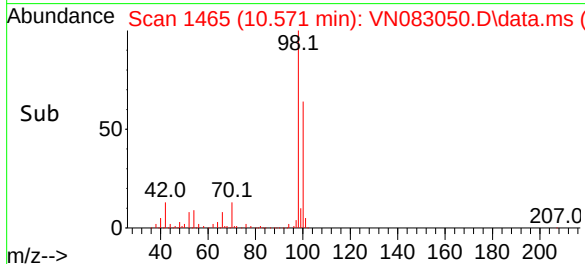
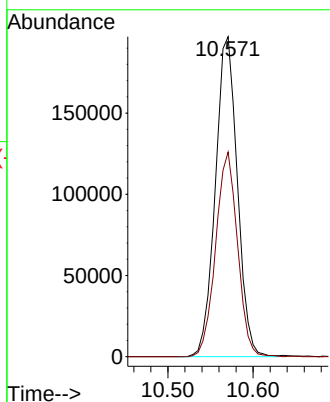
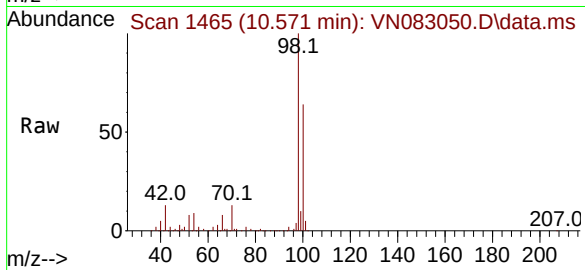




#50
Toluene-d8
Concen: 51.795 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

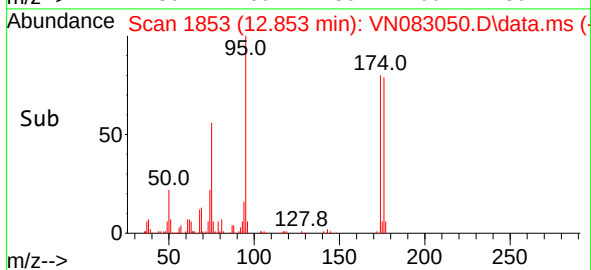
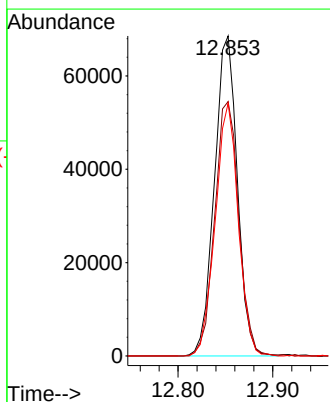
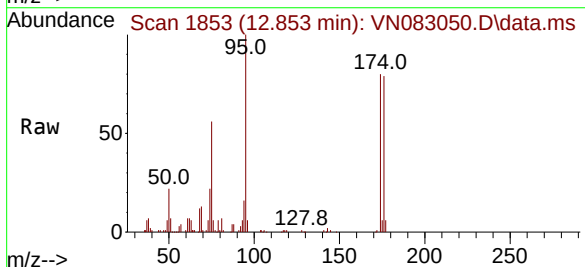
Instrument :
MSVOA_N
ClientSampleId :

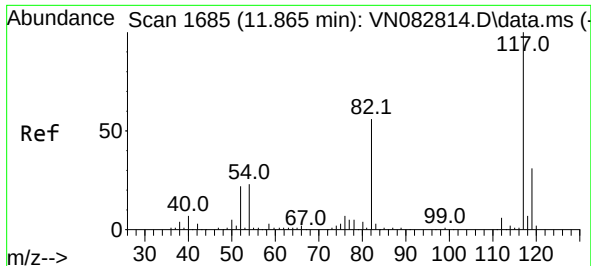
Tgt Ion: 98 Resp: 353601
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.052 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Tgt Ion: 95 Resp: 115387
Ion Ratio Lower Upper
95 100
174 83.6 0.0 159.2
176 79.2 0.0 147.6

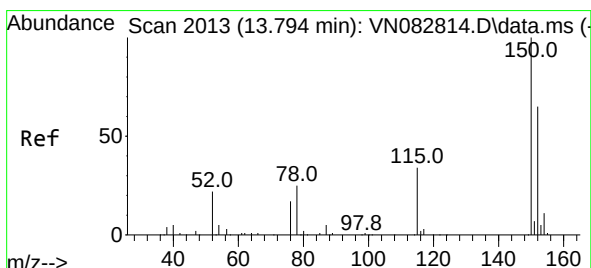
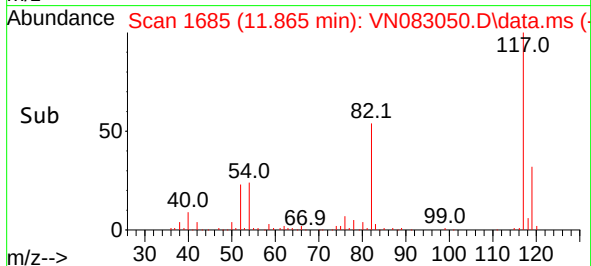
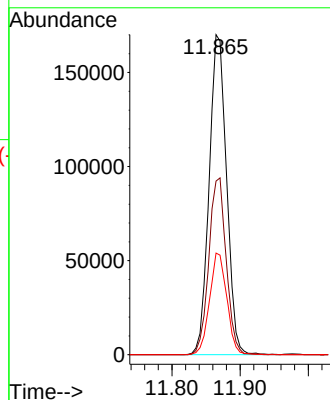
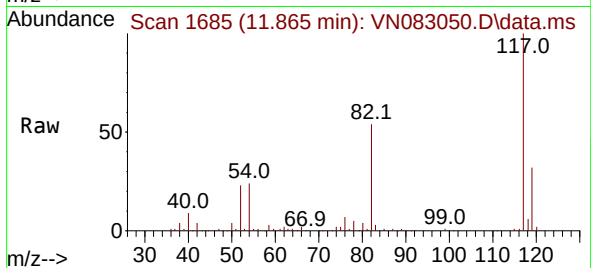




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

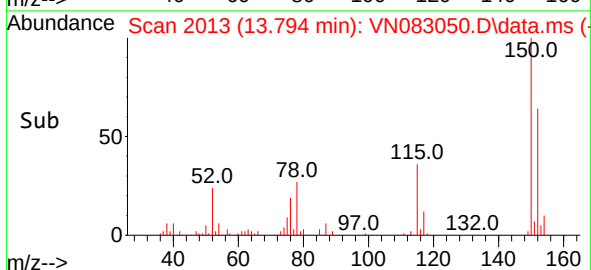
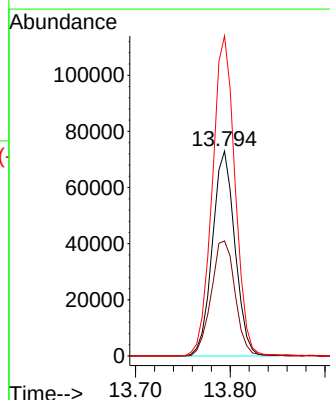
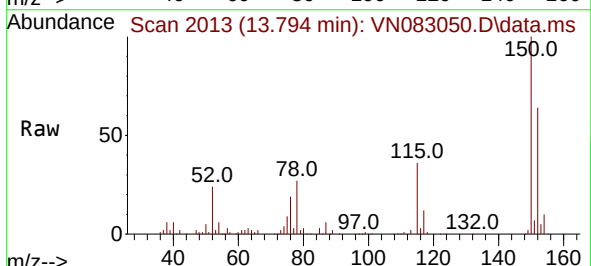
Instrument :
MSVOA_N
ClientSampleId :

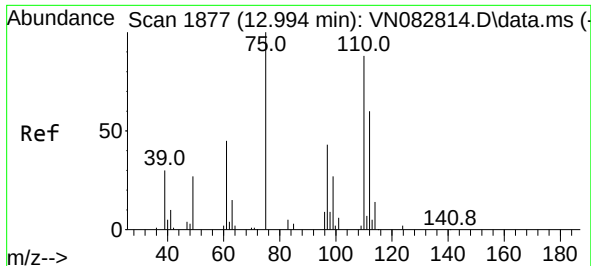
Tgt Ion:117 Resp: 302486
Ion Ratio Lower Upper
117 100
82 54.3 47.5 71.3
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Tgt Ion:152 Resp: 120509
Ion Ratio Lower Upper
152 100
115 59.6 30.6 91.6
150 158.1 0.0 348.6

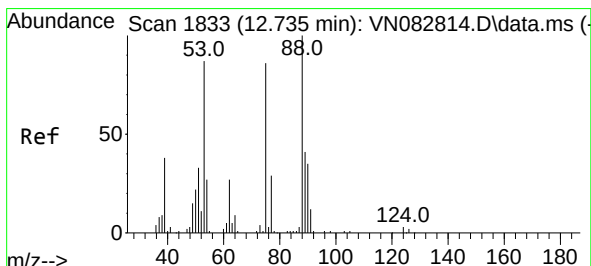
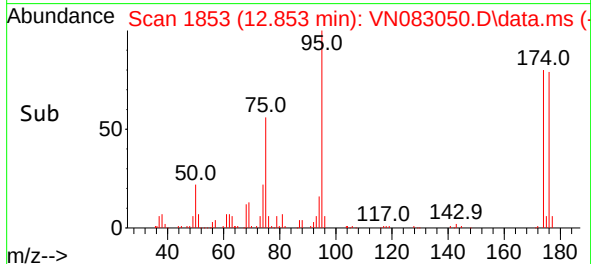
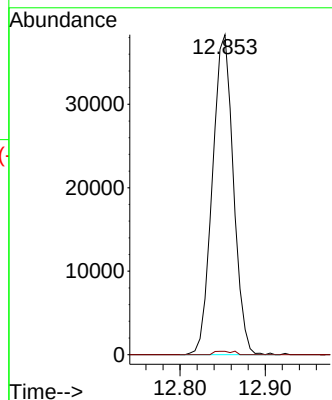
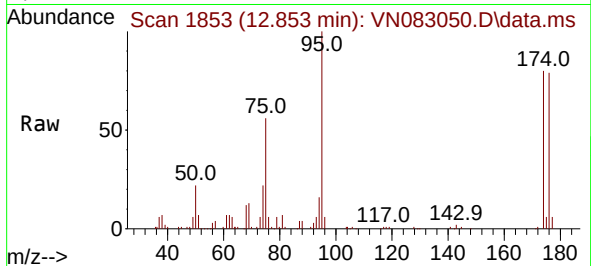




#76
1,2,3-Trichloropropane
Concen: 31.548 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65546
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.046 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083050.D
Acq: 26 Jul 2024 14:34

Tgt Ion: 75 Resp: 65546
Ion Ratio Lower Upper
75 100
53 0.1 88.4 132.6#
89 0.0 36.3 54.5#

