

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083178.D
 Acq On : 09 Aug 2024 13:34
 Operator : JC\MD
 Sample : P3393-28
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 00:55:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

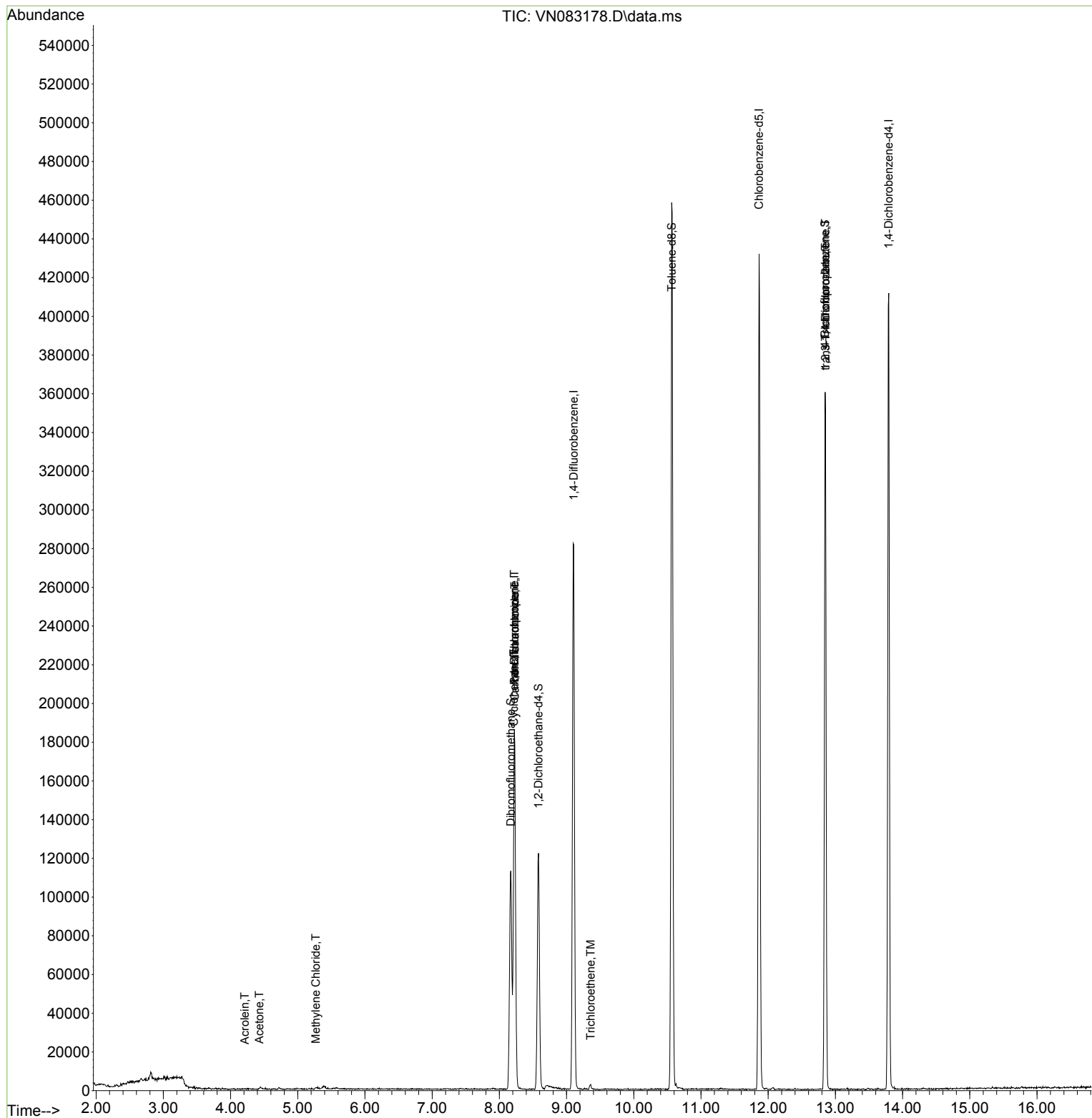
Internal Standards						
1) Pentafluorobenzene	8.224	168	129181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	239568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104991	57.099	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.200%	
35) Dibromofluoromethane	8.171	113	81549	54.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.080%	
50) Toluene-d8	10.565	98	311975	55.930	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.860%	
62) 4-Bromofluorobenzene	12.847	95	128991	59.317	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 118.640%	
Target Compounds						
					Qvalue	
13) Acrolein	4.212	56	53	0.213	ug/l #	64
16) Acetone	4.430	43	1938	2.694	ug/l #	48
20) Methylene Chloride	5.271	84	653	0.394	ug/l #	28
31) Cyclohexane	8.218	56	3407	1.250	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	11104	4.909	ug/l #	51
38) Carbon Tetrachloride	8.230	117	14543	5.708	ug/l #	16
43) Isopropyl Acetate	8.712	43	2539	Below Cal	#	60
44) Trichloroethene	9.359	130	980	0.611	ug/l	98
76) 1,2,3-Trichloropropane	12.853	75	71825	30.449	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	71825	66.235	ug/l #	6

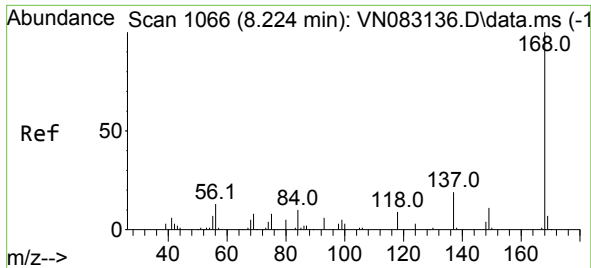
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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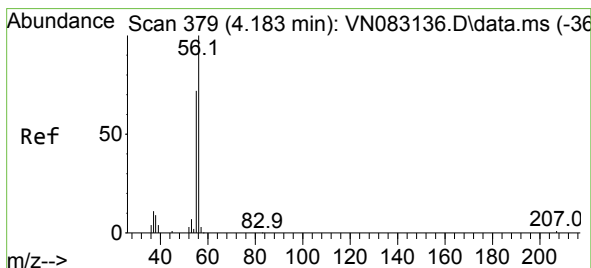
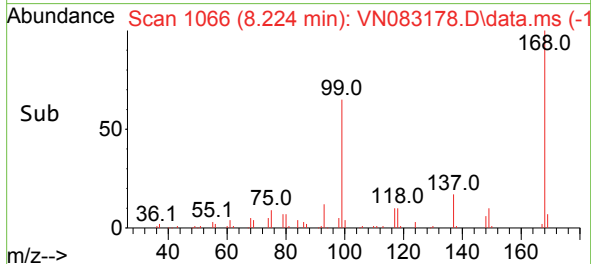
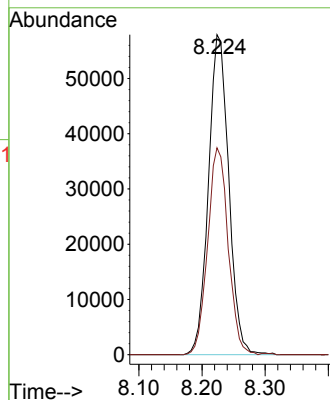
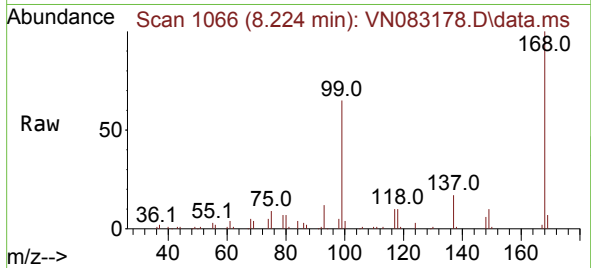




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

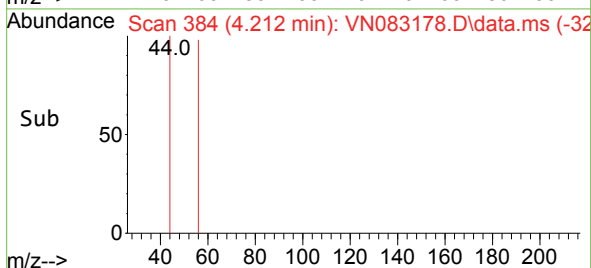
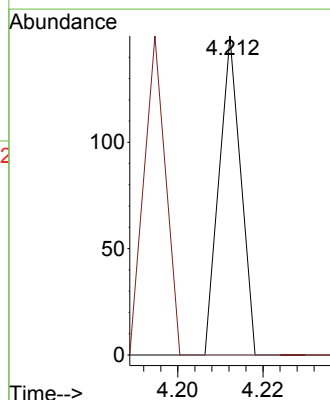
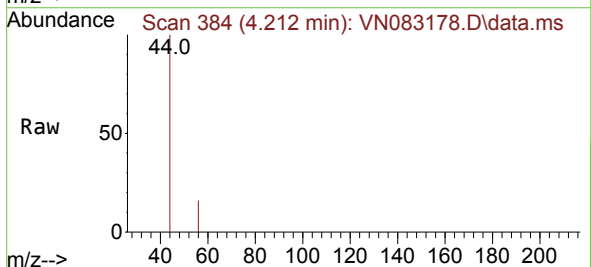
Instrument :
MSVOA_N
ClientSampleId :

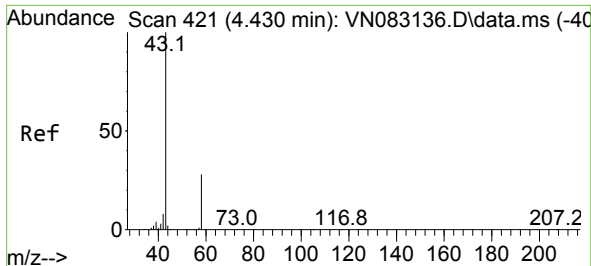
Tgt Ion:168 Resp: 129181
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#13
Acrolein
Concen: 0.213 ug/l
RT: 4.212 min Scan# 384
Delta R.T. 0.029 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

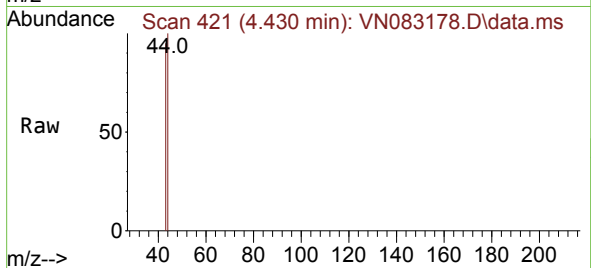
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 100.0 56.4 84.6#



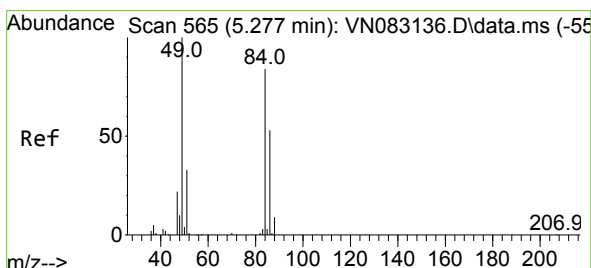
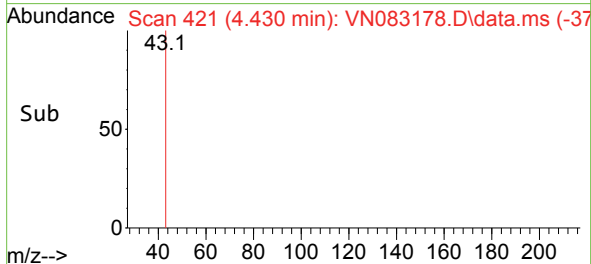
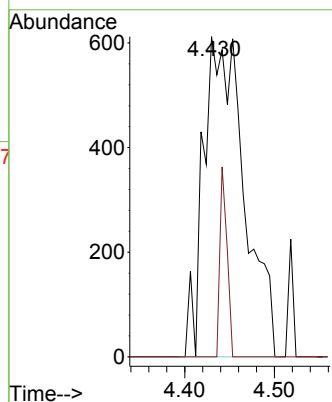


#16
Acetone
Concen: 2.694 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

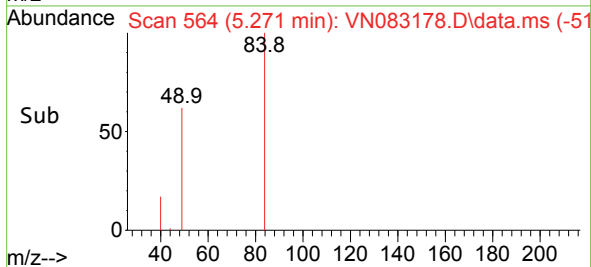
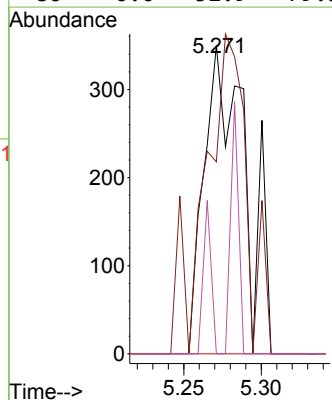
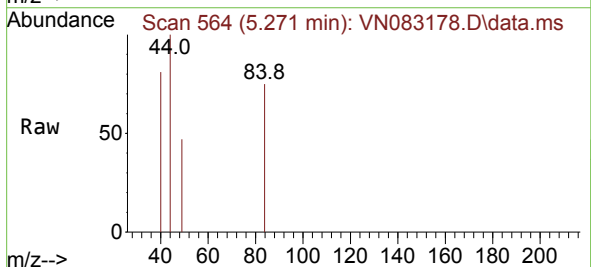


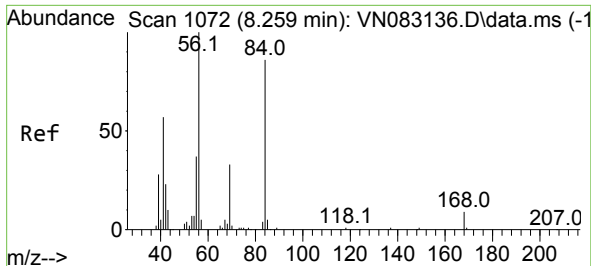
Tgt Ion: 43 Resp: 1938
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

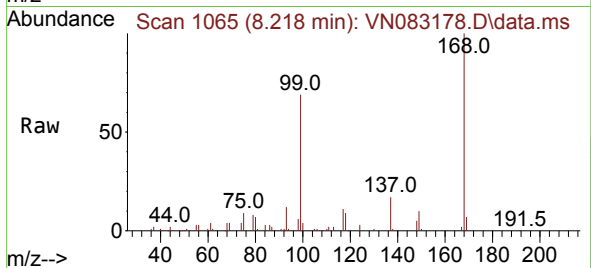
Tgt Ion: 84 Resp: 653
Ion Ratio Lower Upper
84 100
49 62.3 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



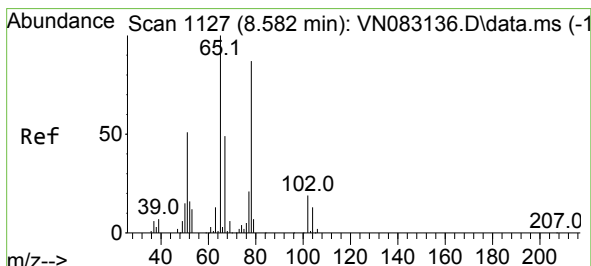
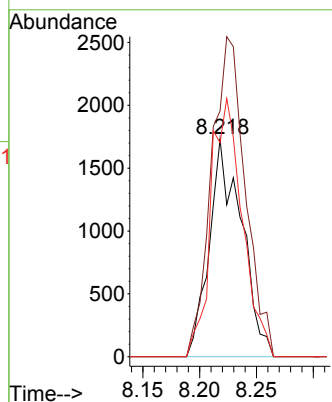
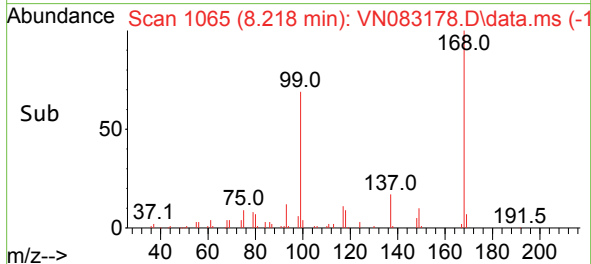


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

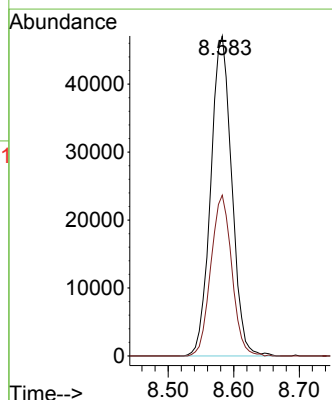
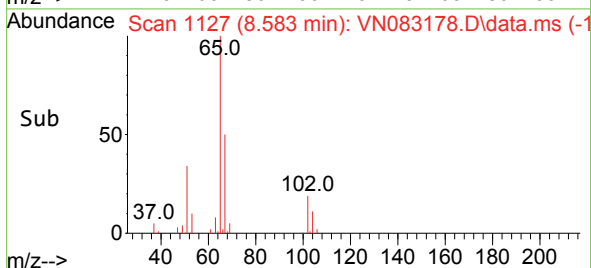
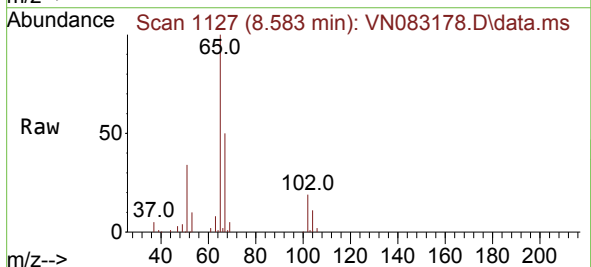


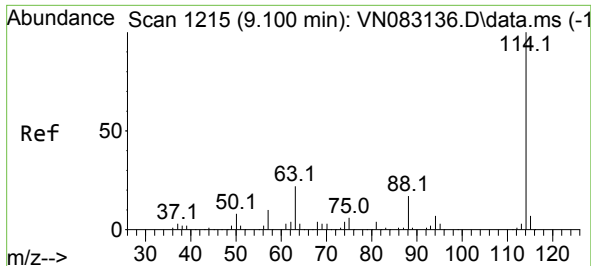
Tgt Ion: 56 Resp: 3407
Ion Ratio Lower Upper
56 100
69 112.9 24.5 36.7#
84 98.3 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 57.099 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

Tgt Ion: 65 Resp: 104991
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083178.D

Acq: 09 Aug 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

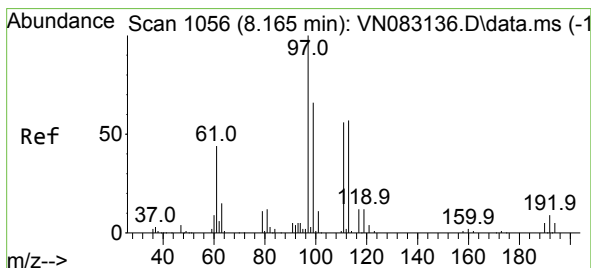
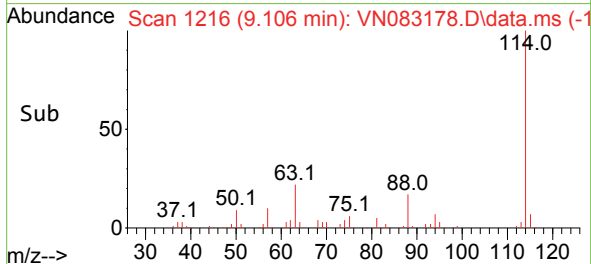
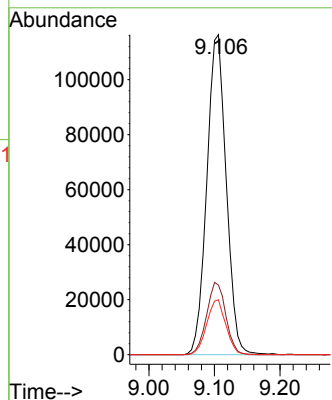
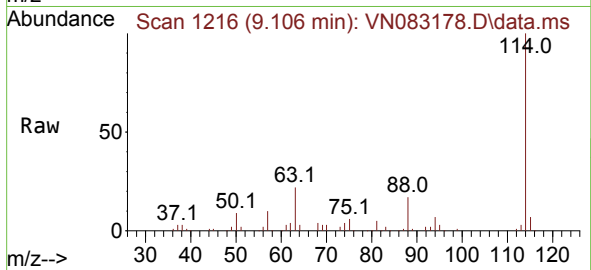
Tgt Ion:114 Resp: 239568

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 17.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.536 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083178.D

Acq: 09 Aug 2024 13:34

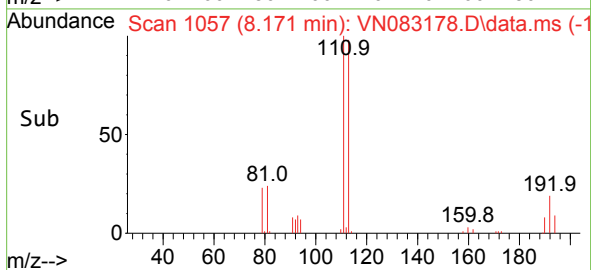
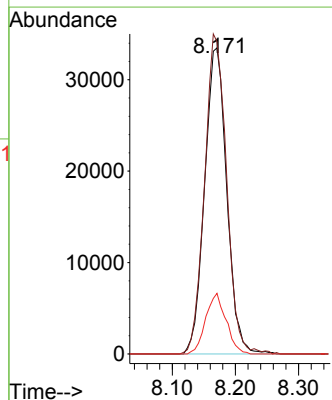
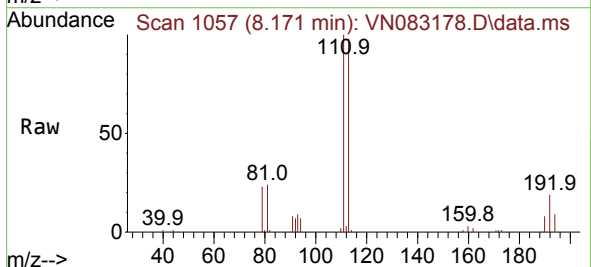
Tgt Ion:113 Resp: 81549

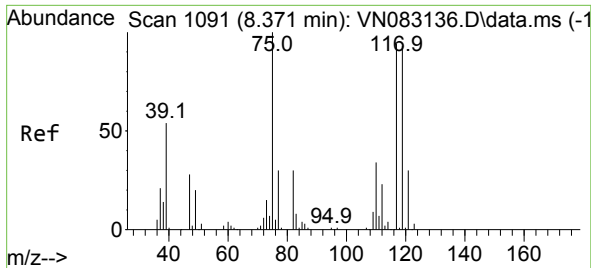
Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

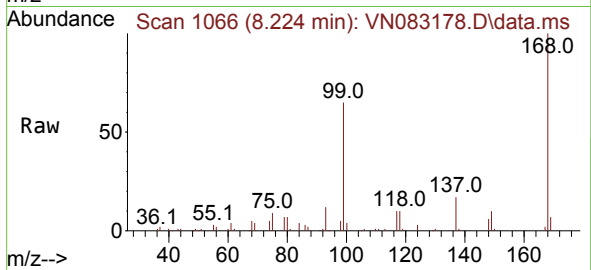
192 18.3 14.9 22.3



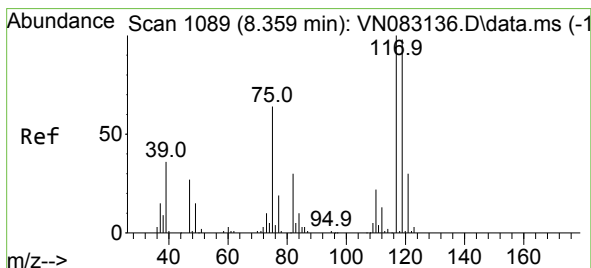
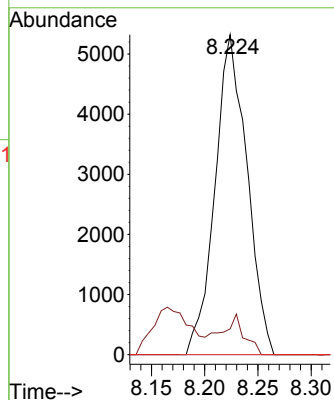
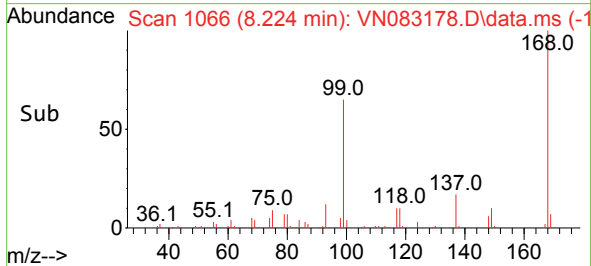


#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

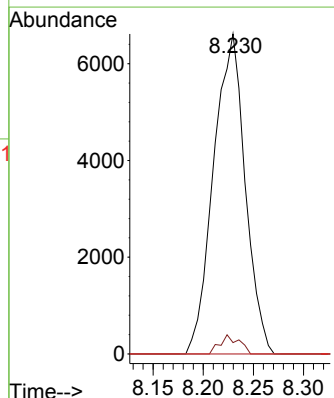
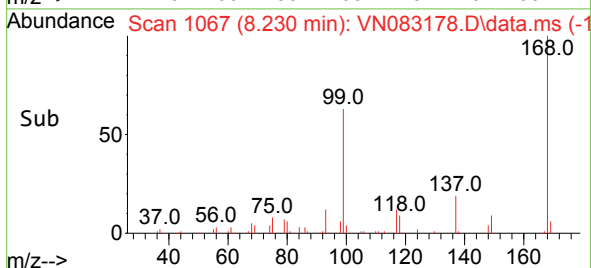
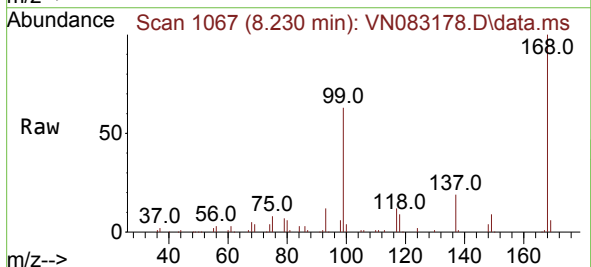


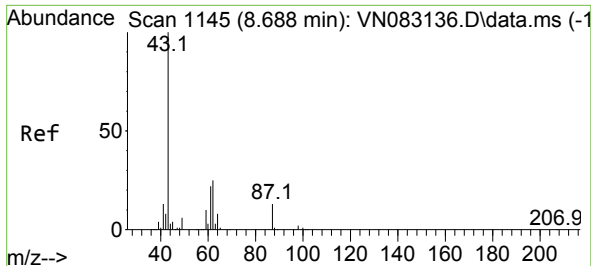
Tgt Ion: 75 Resp: 11104
Ion Ratio Lower Upper
75 100
110 9.3 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

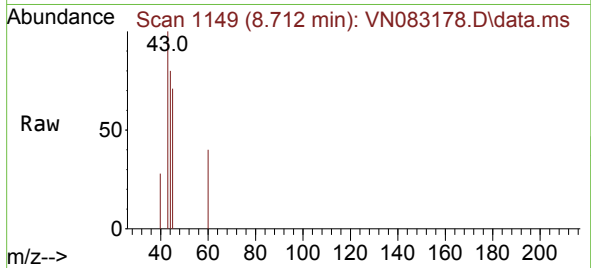
Tgt Ion: 117 Resp: 14543
Ion Ratio Lower Upper
117 100
119 3.6 74.9 112.3#
121 0.0 24.3 36.5#



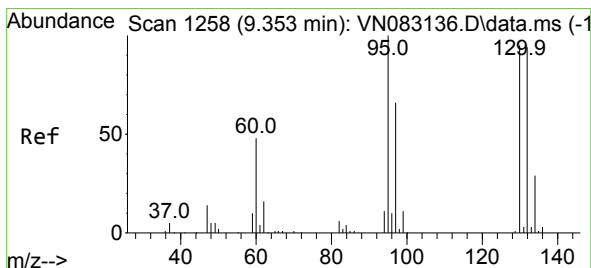
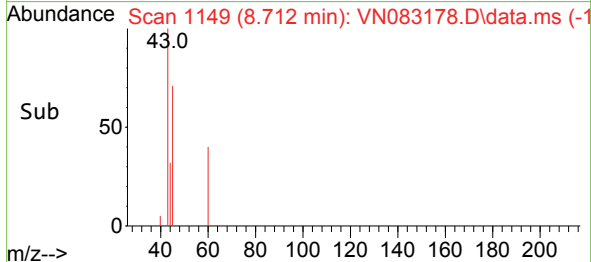
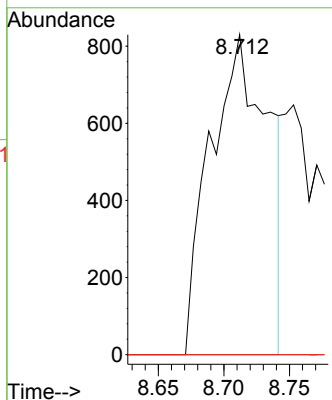


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

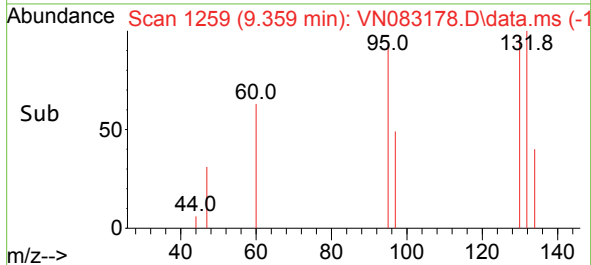
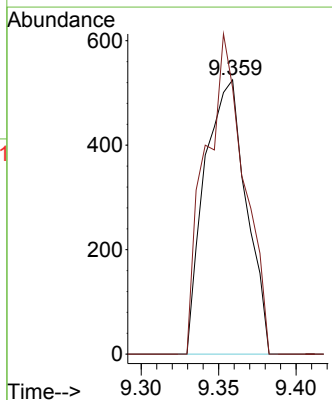
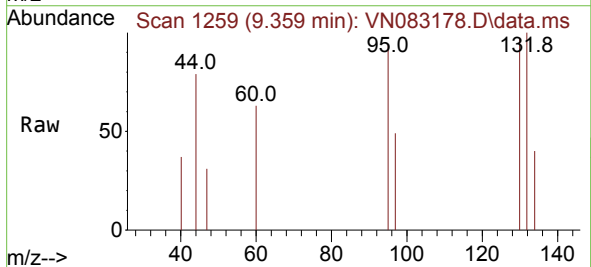


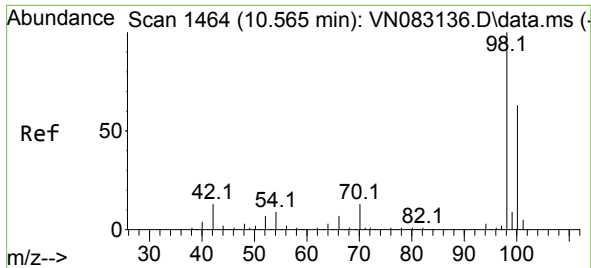
Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 0.611 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

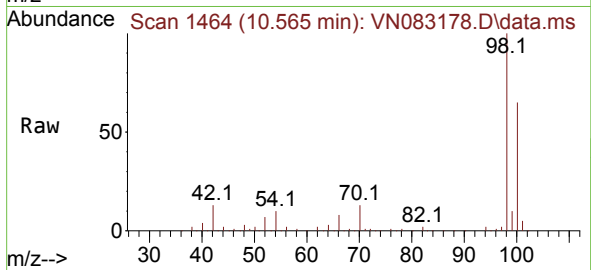
Tgt Ion:130 Resp: 980
Ion Ratio Lower Upper
130 100
95 97.1 0.0 197.8



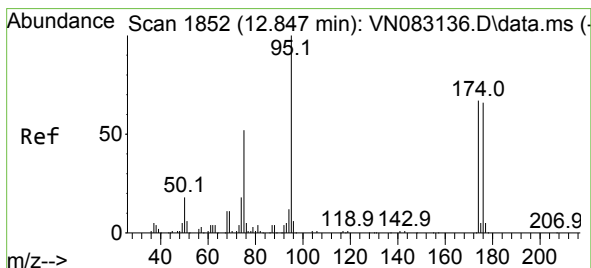
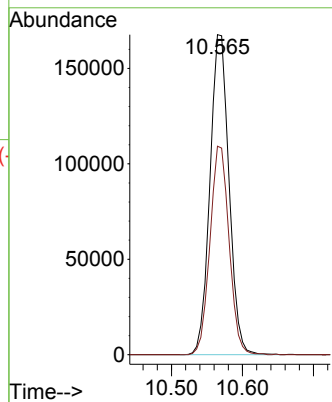
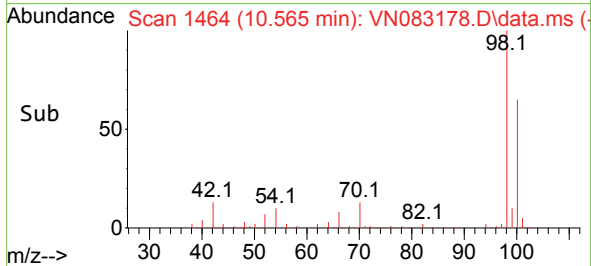


#50
Toluene-d8
Concen: 55.930 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

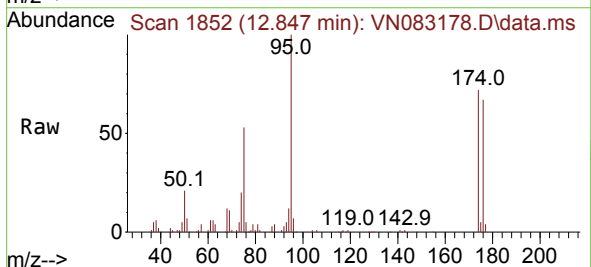
Instrument :
MSVOA_N
ClientSampleId :



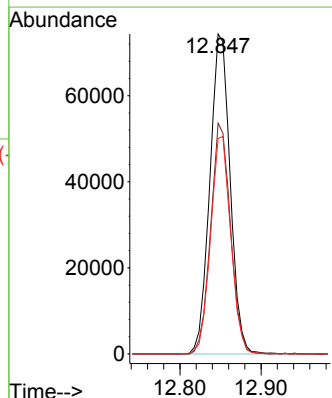
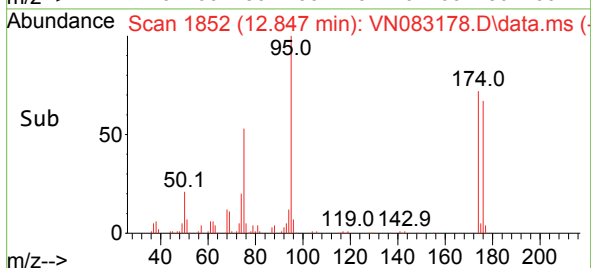
Tgt Ion: 98 Resp: 311975
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3

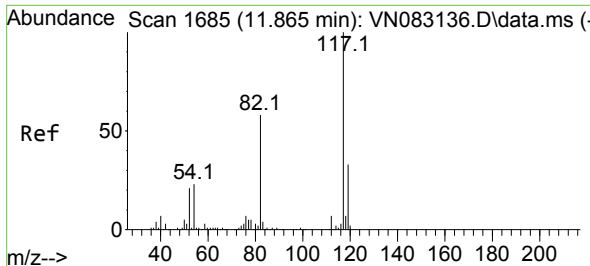


#62
4-Bromofluorobenzene
Concen: 59.317 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34



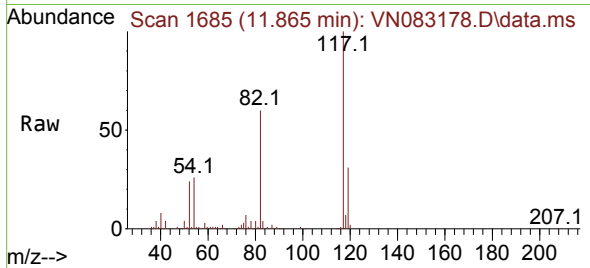
Tgt Ion: 95 Resp: 128991
Ion Ratio Lower Upper
95 100
174 70.8 0.0 159.2
176 67.3 0.0 147.6



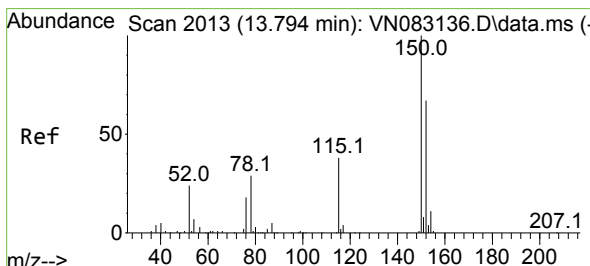
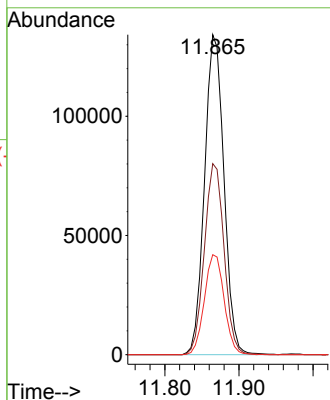
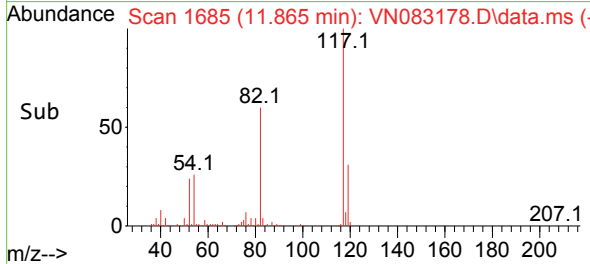


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

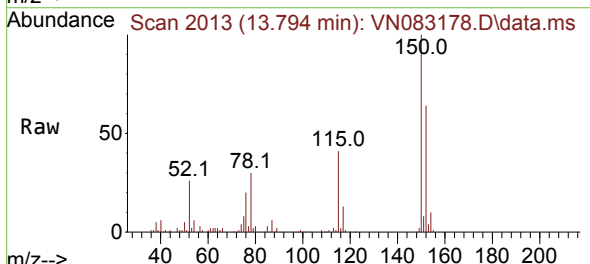
Instrument :
MSVOA_N
ClientSampleId :



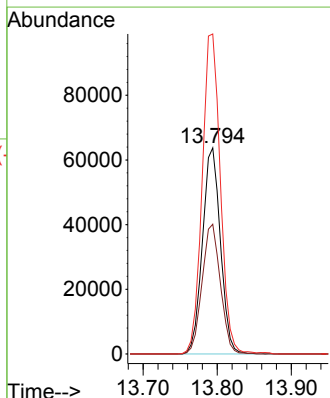
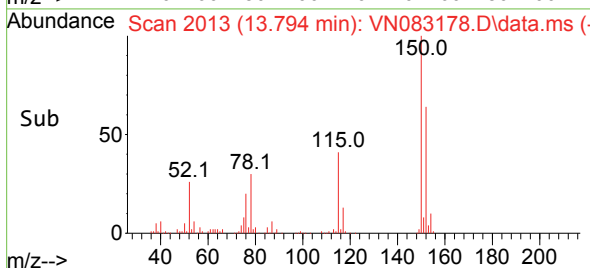
Tgt Ion:117 Resp: 243825
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.2 25.6 38.4

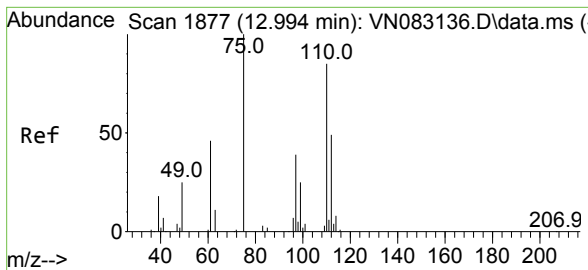


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34



Tgt Ion:152 Resp: 107476
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 157.2 0.0 348.6

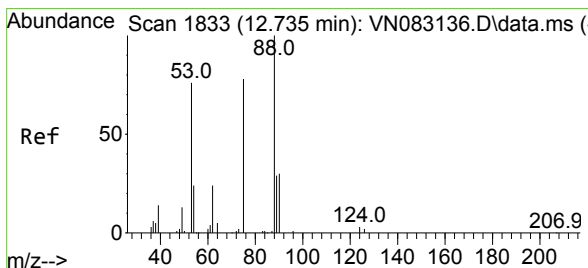
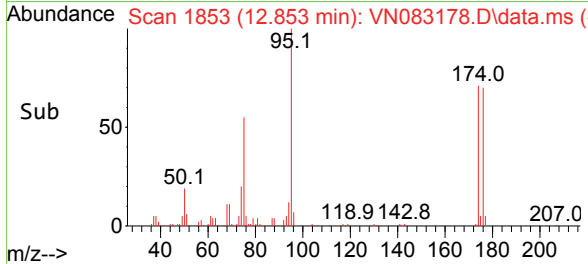
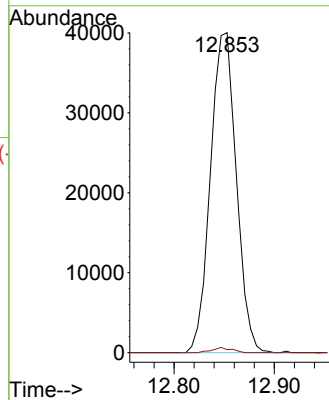
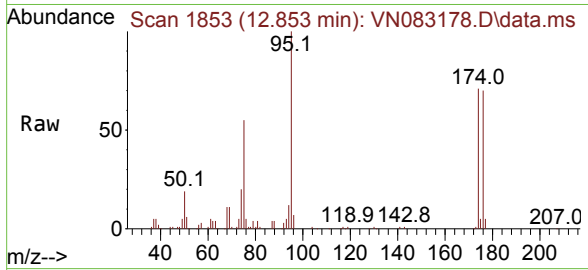




#76
1,2,3-Trichloropropane
Concen: 30.449 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 71825
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.235 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN083178.D
Acq: 09 Aug 2024 13:34

Tgt Ion: 75 Resp: 71825
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

