

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083433.D
 Acq On : 22 Aug 2024 14:08
 Operator : JC\MD
 Sample : P3654-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:40:54 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)

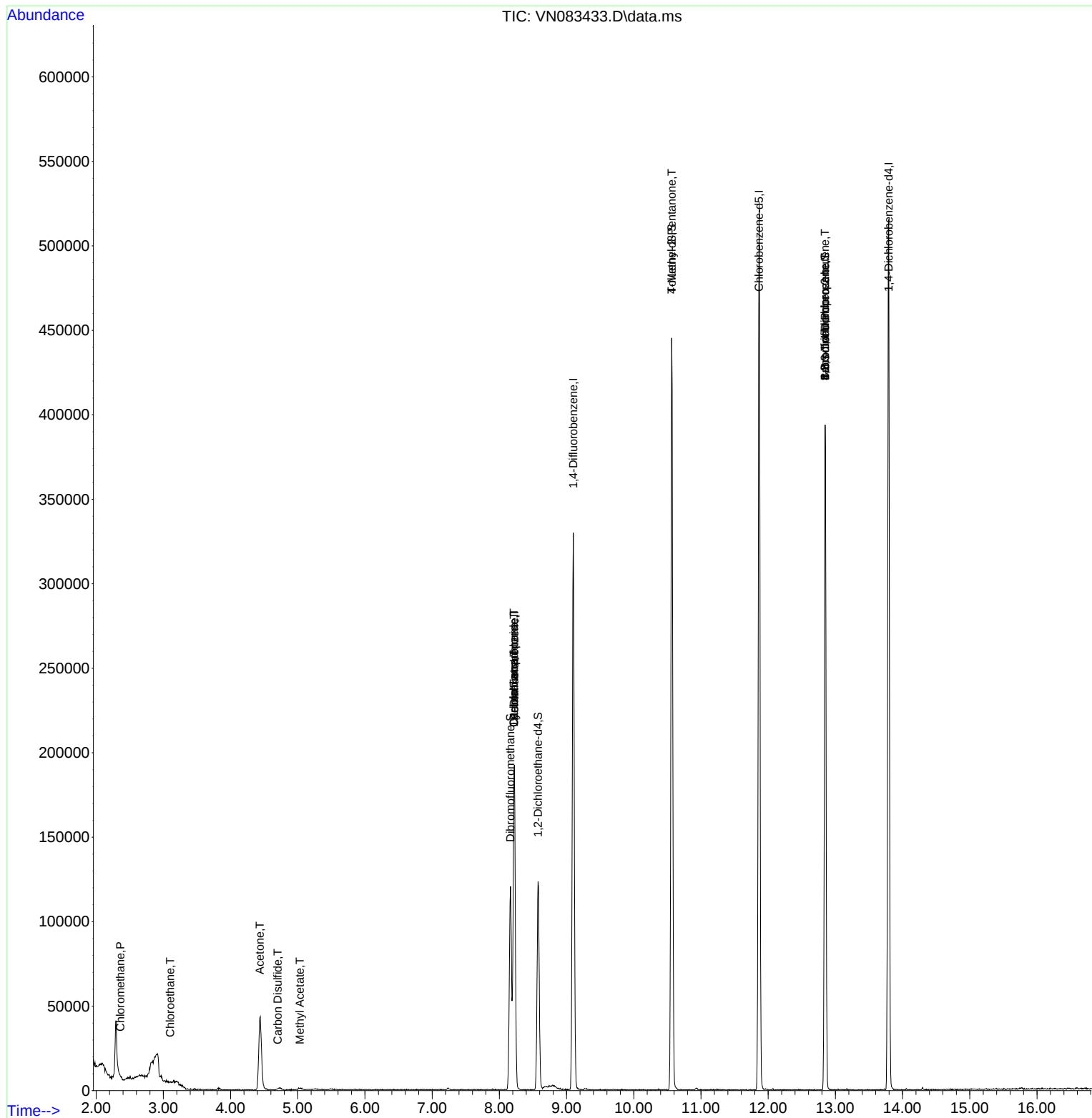
Internal Standards						
1) Pentafluorobenzene	8.224	168	134383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105910	55.369	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.740%	
35) Dibromofluoromethane	8.165	113	85559	50.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.280%	
50) Toluene-d8	10.565	98	301752	47.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.740%	
62) 4-Bromofluorobenzene	12.847	95	139516	56.777	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	911	0.584	ug/l #	75
6) Chloroethane	3.100	64	686	0.689	ug/l #	80
16) Acetone	4.436	43	1662	2.221	ug/l #	48
17) Carbon Disulfide	4.700	76	1548	0.355	ug/l #	75
18) Methyl Acetate	5.030	43	1725	0.774	ug/l #	74
31) Cyclohexane	8.218	56	3413	1.204	ug/l #	17
36) 1,1-Dichloropropene	8.218	75	11794	4.614	ug/l #	51
38) Carbon Tetrachloride	8.218	117	14494	5.035	ug/l #	17
43) Isopropyl Acetate	8.694	43	1991	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1403	0.518	ug/l #	1
71) Bromoform	12.847	173	413	0.241	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	76664	25.701	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76664	55.906	ug/l #	6

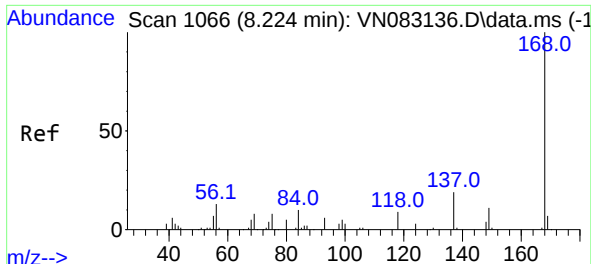
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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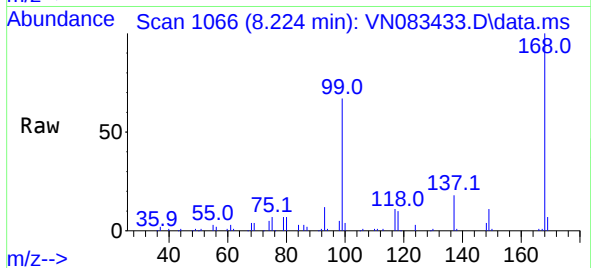
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



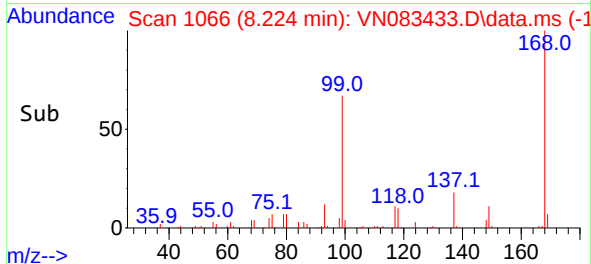
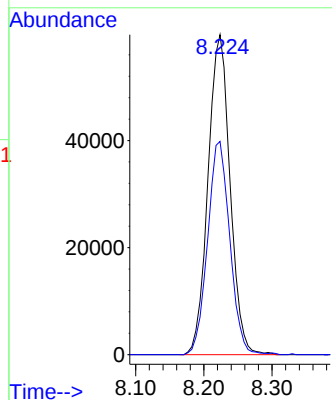


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :

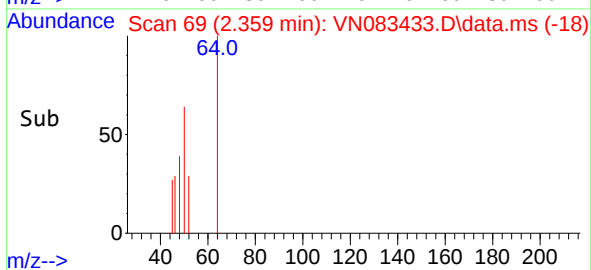
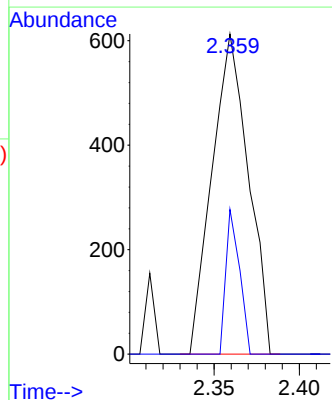
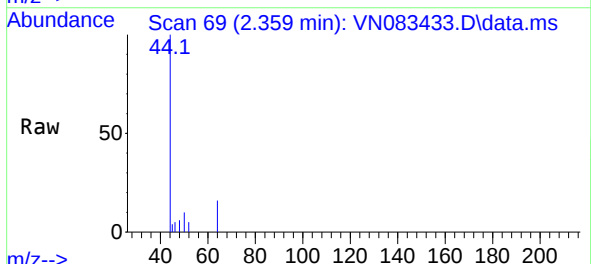


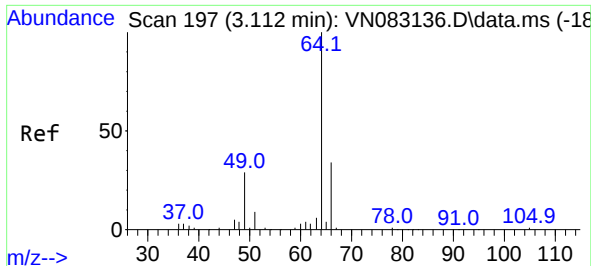
Tgt Ion:168 Resp: 134383
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#3
Chloromethane
Concen: 0.584 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Tgt Ion: 50 Resp: 911
Ion Ratio Lower Upper
50 100
52 45.2 25.0 37.4#

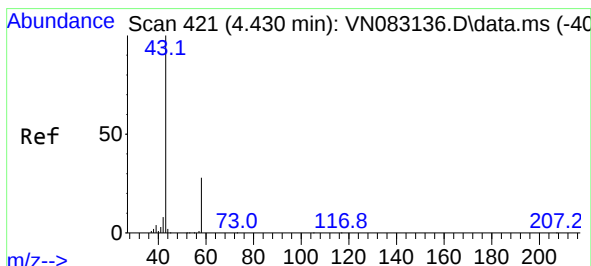
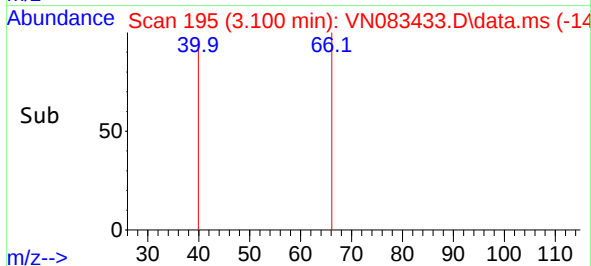
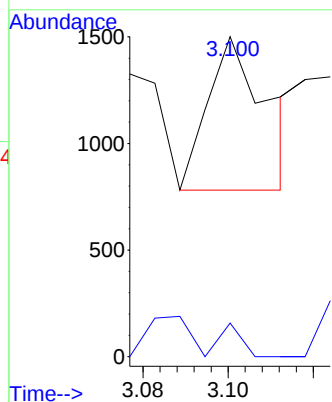
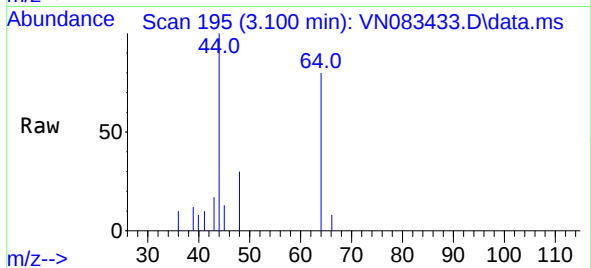




#6
Chloroethane
Concen: 0.689 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.012 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

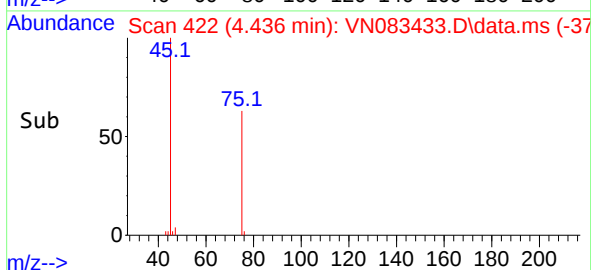
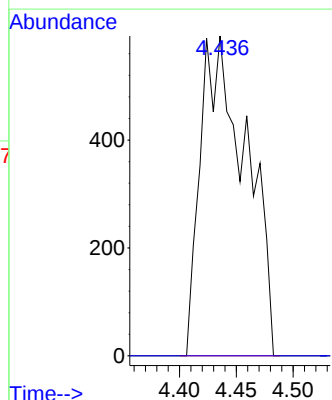
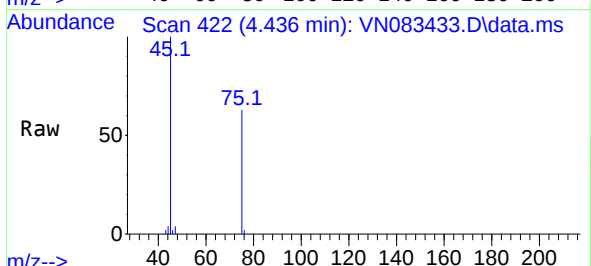
Instrument :
MSVOA_N
ClientSampleId :

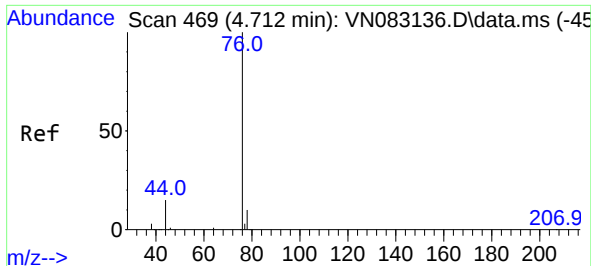
Tgt Ion: 64 Resp: 686
Ion Ratio Lower Upper
64 100
66 21.9 26.6 40.0#



#16
Acetone
Concen: 2.221 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

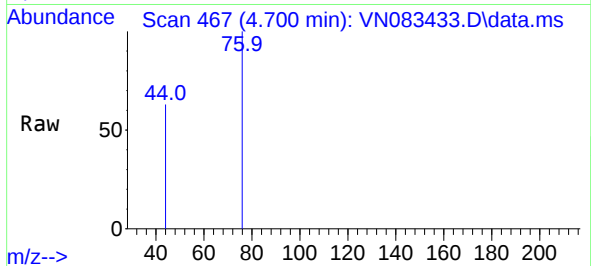
Tgt Ion: 43 Resp: 1662
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



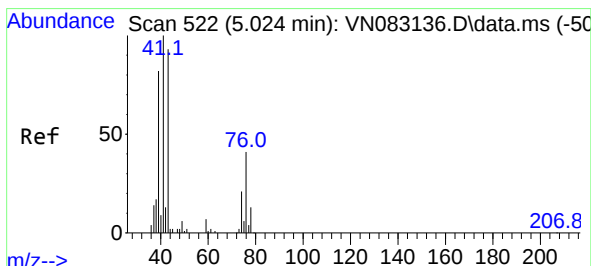
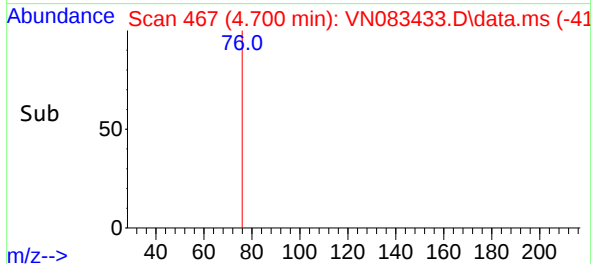
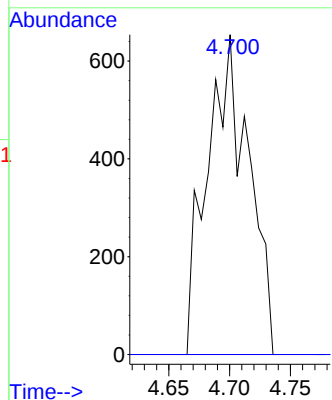


#17
Carbon Disulfide
Concen: 0.355 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :

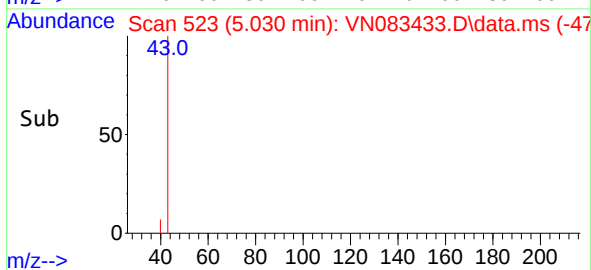
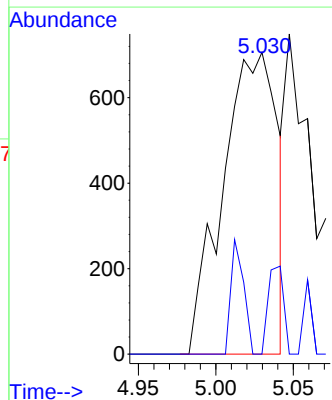
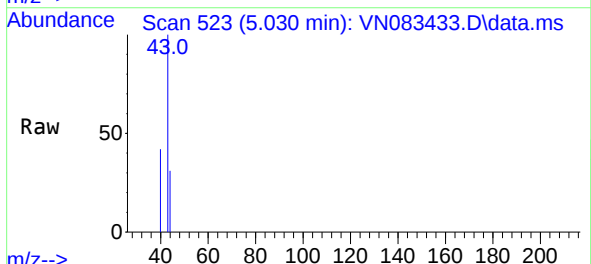


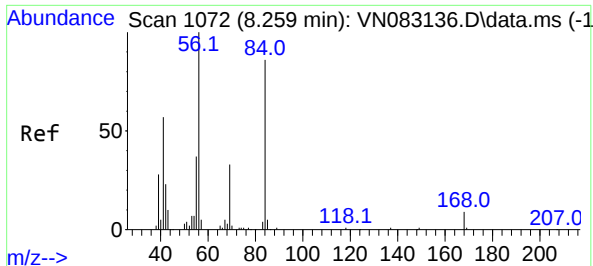
Tgt Ion: 76 Resp: 1548
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.774 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

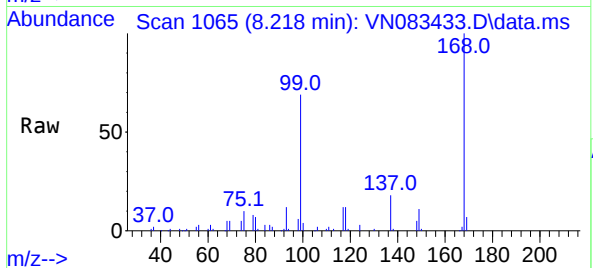
Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
74 8.2 16.3 24.5#



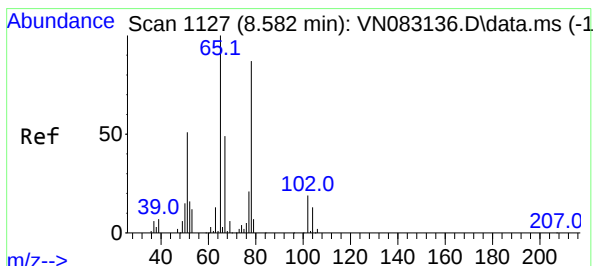
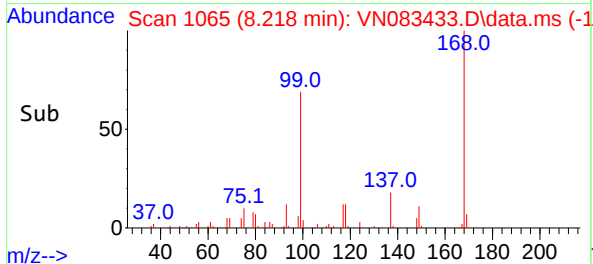
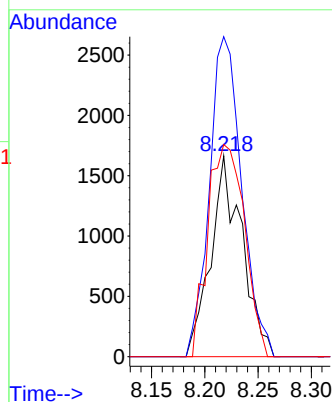


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :

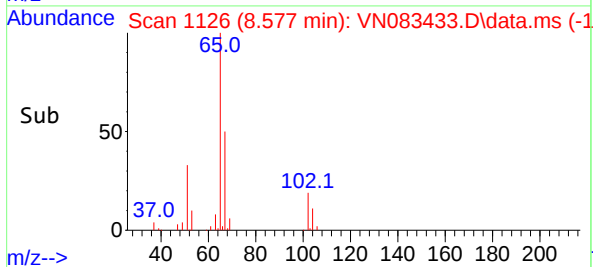
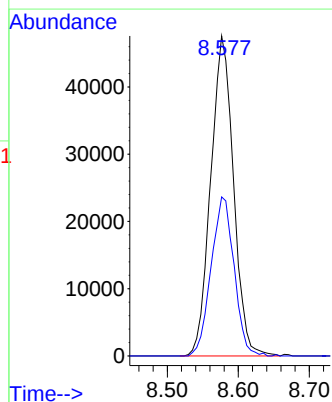
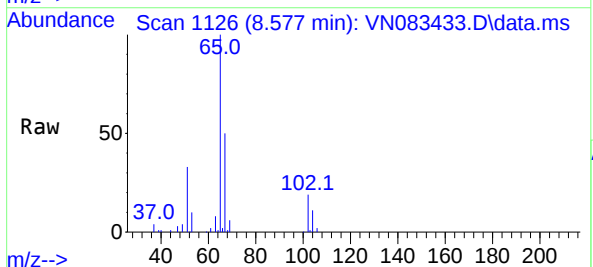


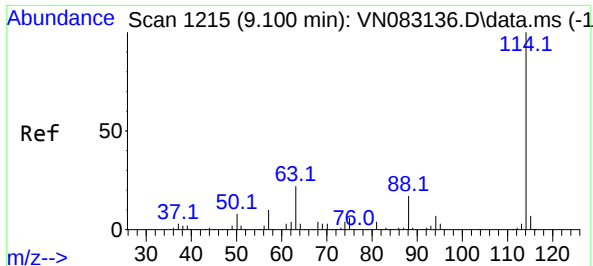
Tgt Ion: 56 Resp: 3413
Ion Ratio Lower Upper
56 100
69 159.3 24.5 36.7#
84 105.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.369 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Tgt Ion: 65 Resp: 105910
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4

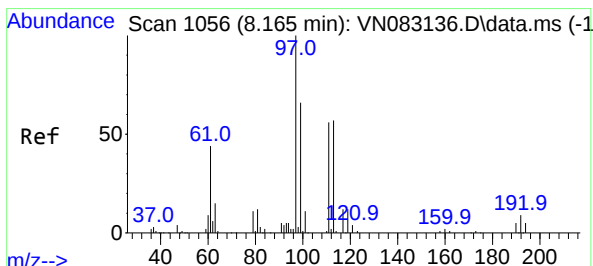
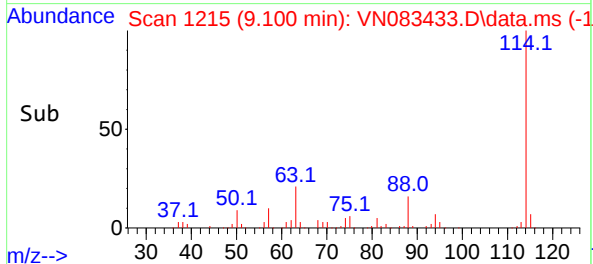
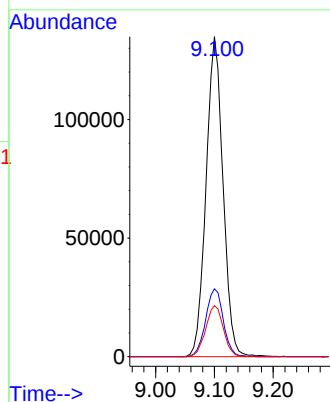
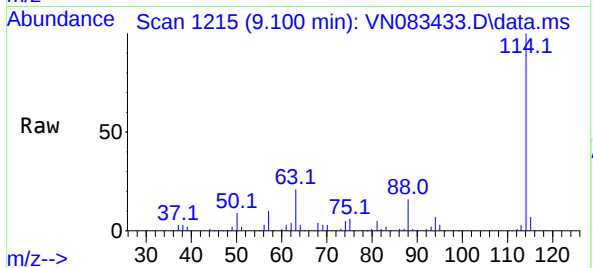




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

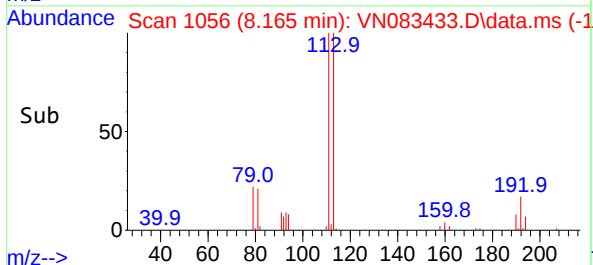
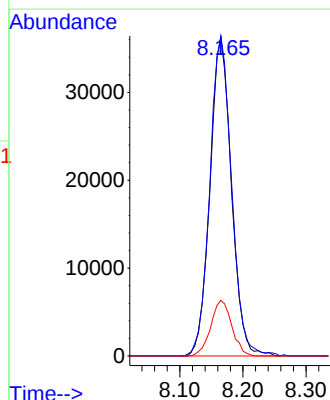
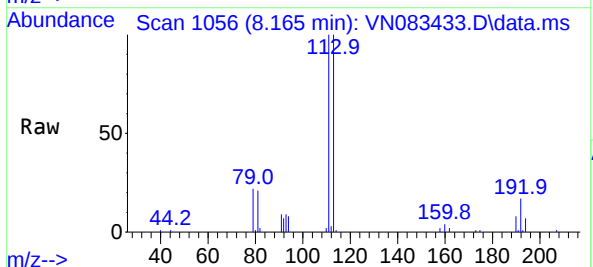
Instrument :
MSVOA_N
ClientSampleId :

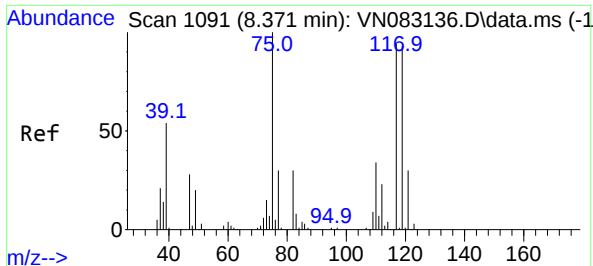
Tgt Ion:114 Resp: 270705
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.636 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Tgt Ion:113 Resp: 85559
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 17.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.614 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083433.D

Acq: 22 Aug 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

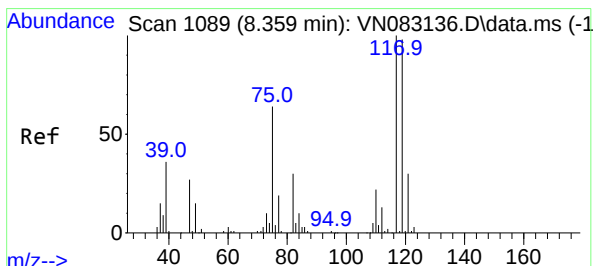
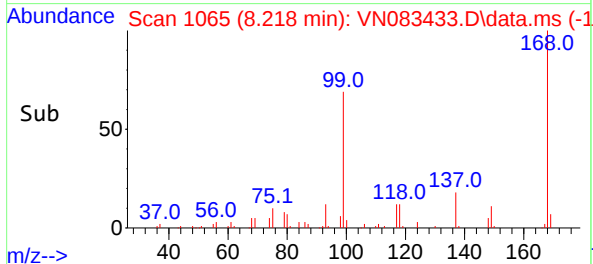
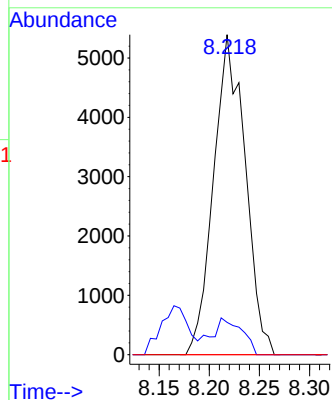
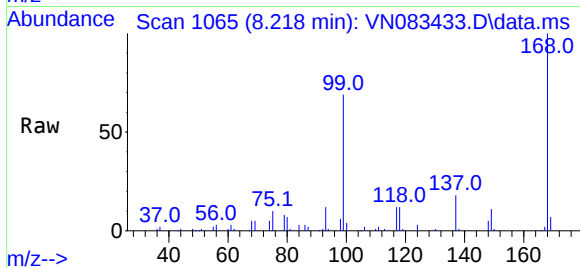
Tgt Ion: 75 Resp: 11794

Ion Ratio Lower Upper

75 100

110 9.1 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.035 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083433.D

Acq: 22 Aug 2024 14:08

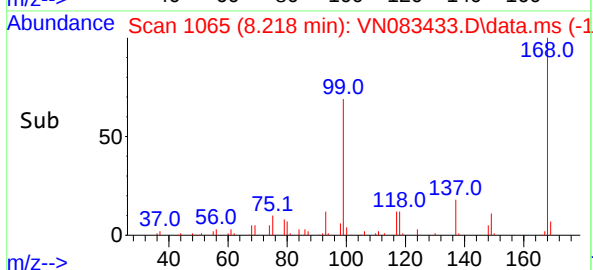
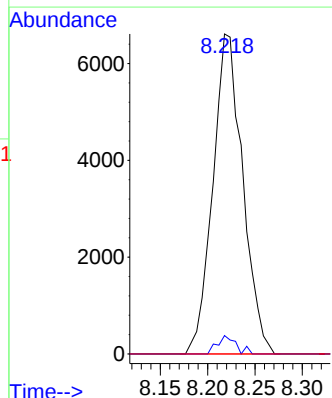
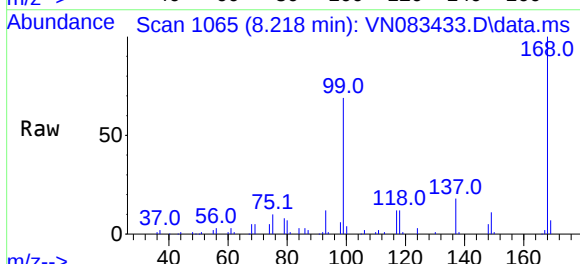
Tgt Ion: 117 Resp: 14494

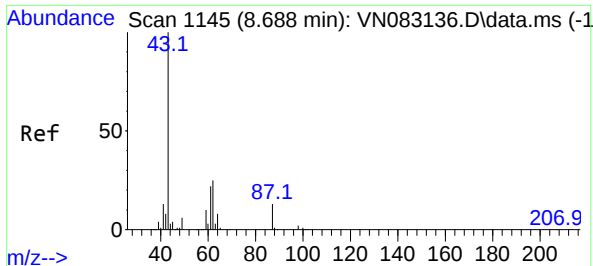
Ion Ratio Lower Upper

117 100

119 5.8 74.9 112.3#

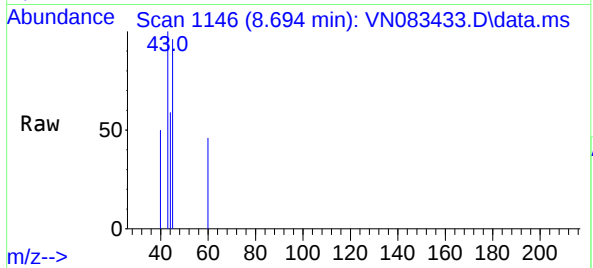
121 0.0 24.3 36.5#



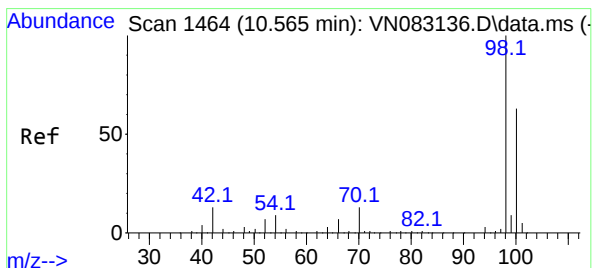
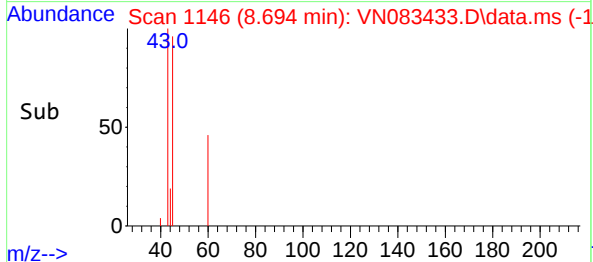
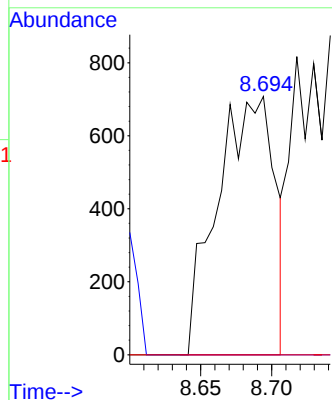


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :

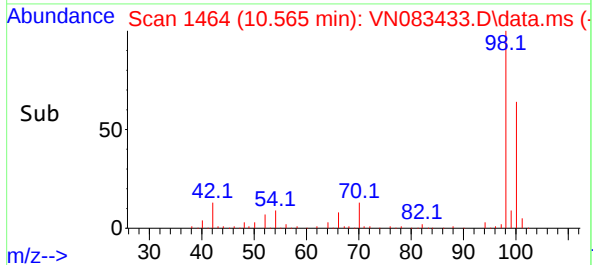
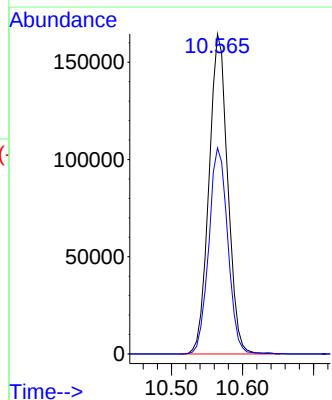
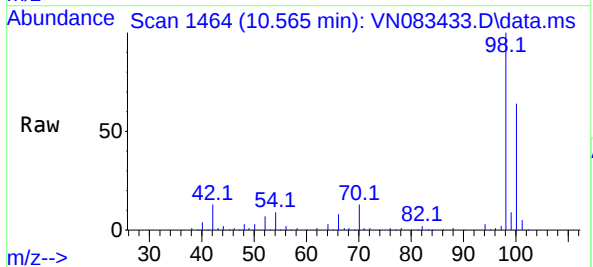


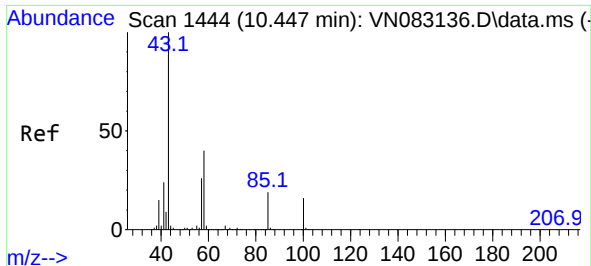
Tgt Ion: 43 Resp: 1991
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 47.875 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

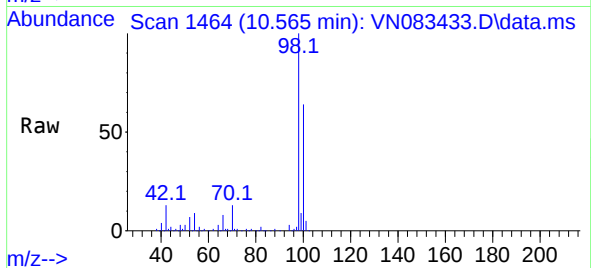
Tgt Ion: 98 Resp: 301752
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



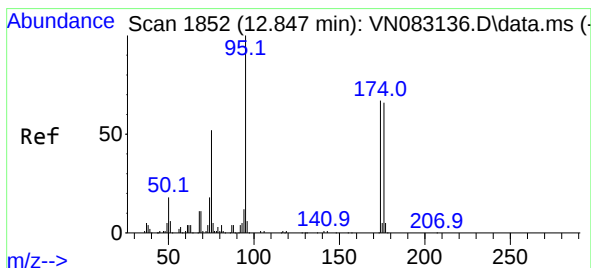
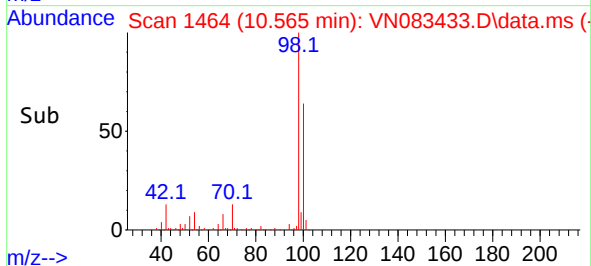
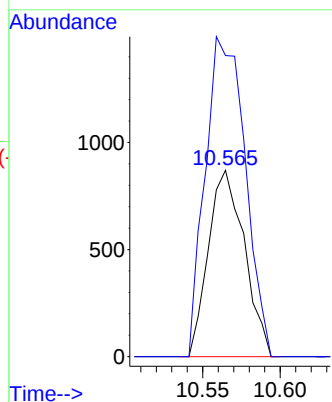


#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :

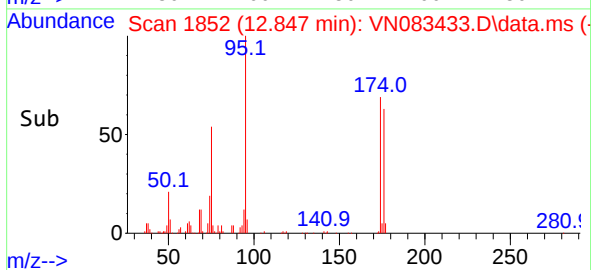
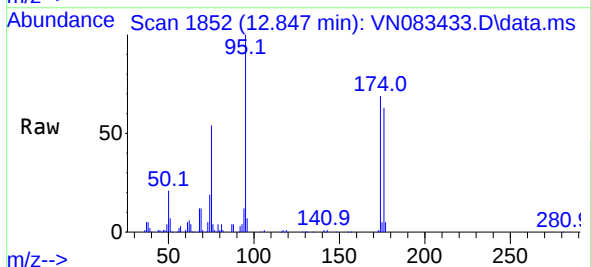
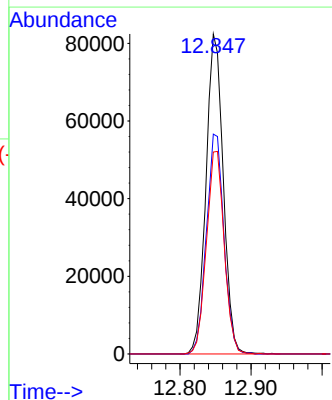


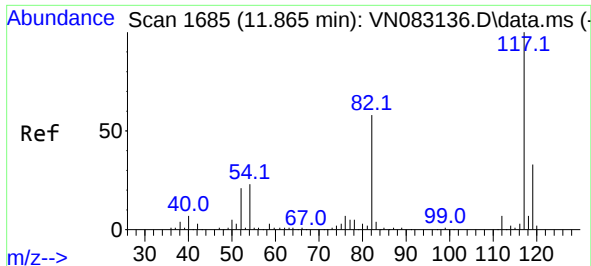
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
58 190.2 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.777 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

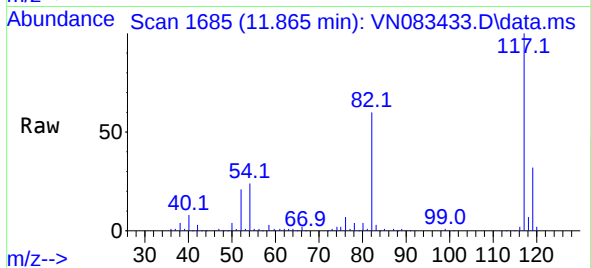
Tgt Ion: 95 Resp: 139516
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 65.0 0.0 147.6



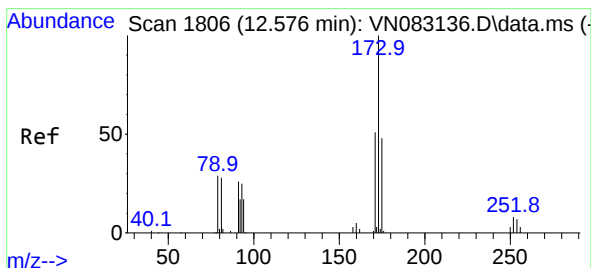
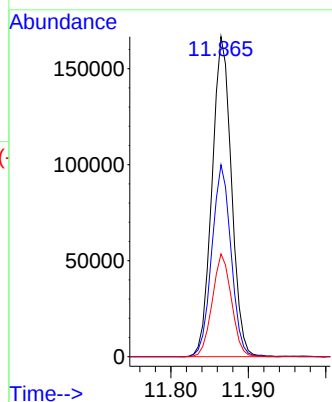


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :

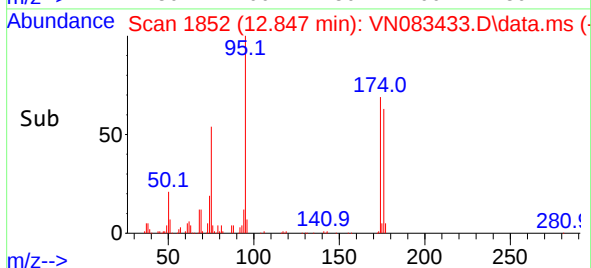
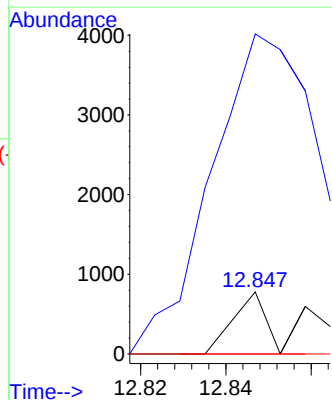
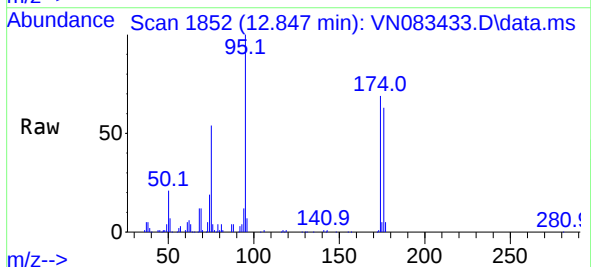


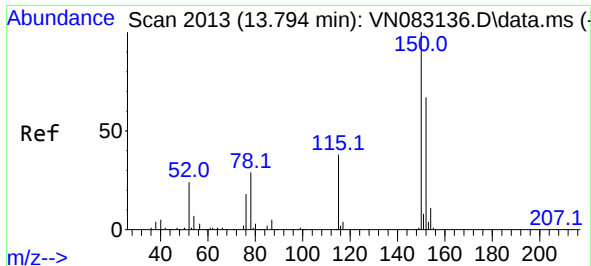
Tgt Ion:117 Resp: 289827
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.241 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

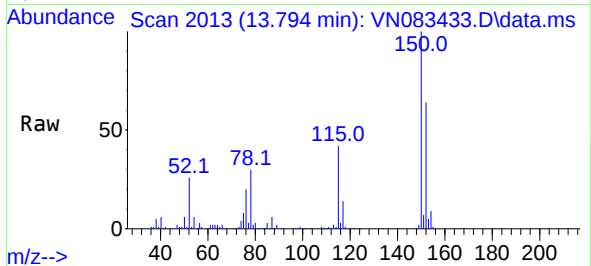
Tgt Ion:173 Resp: 413
Ion Ratio Lower Upper
173 100
175 1201.5 24.0 72.0#
254 0.0 0.0 0.0



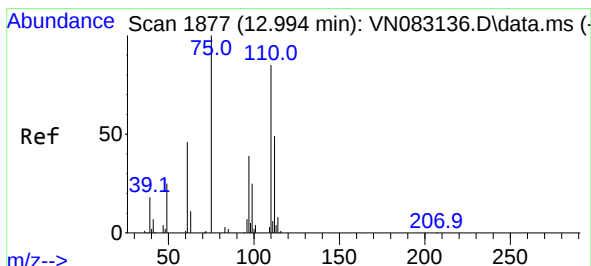
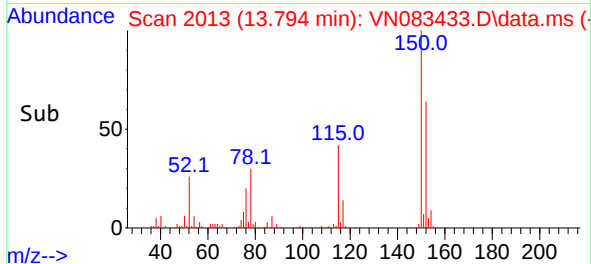
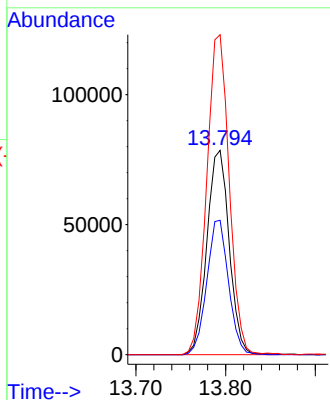


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :

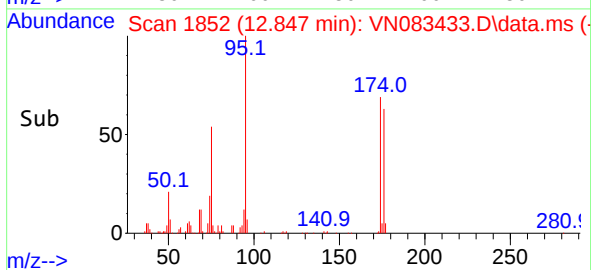
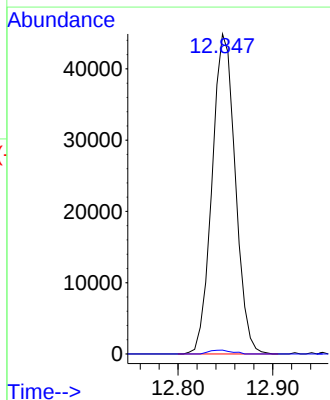
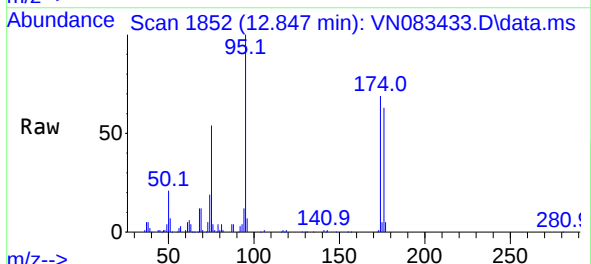


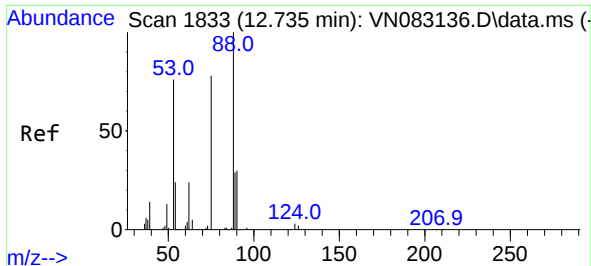
Tgt Ion:152 Resp: 135910
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 157.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 25.701 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

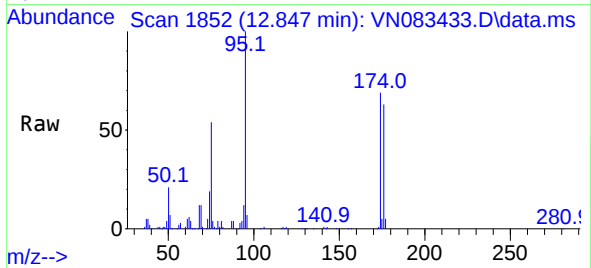
Tgt Ion: 75 Resp: 76664
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 55.906 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083433.D
Acq: 22 Aug 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 76664
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

