

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083430.D
 Acq On : 22 Aug 2024 12:56
 Operator : JC\MD
 Sample : P3654-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:40:10 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)

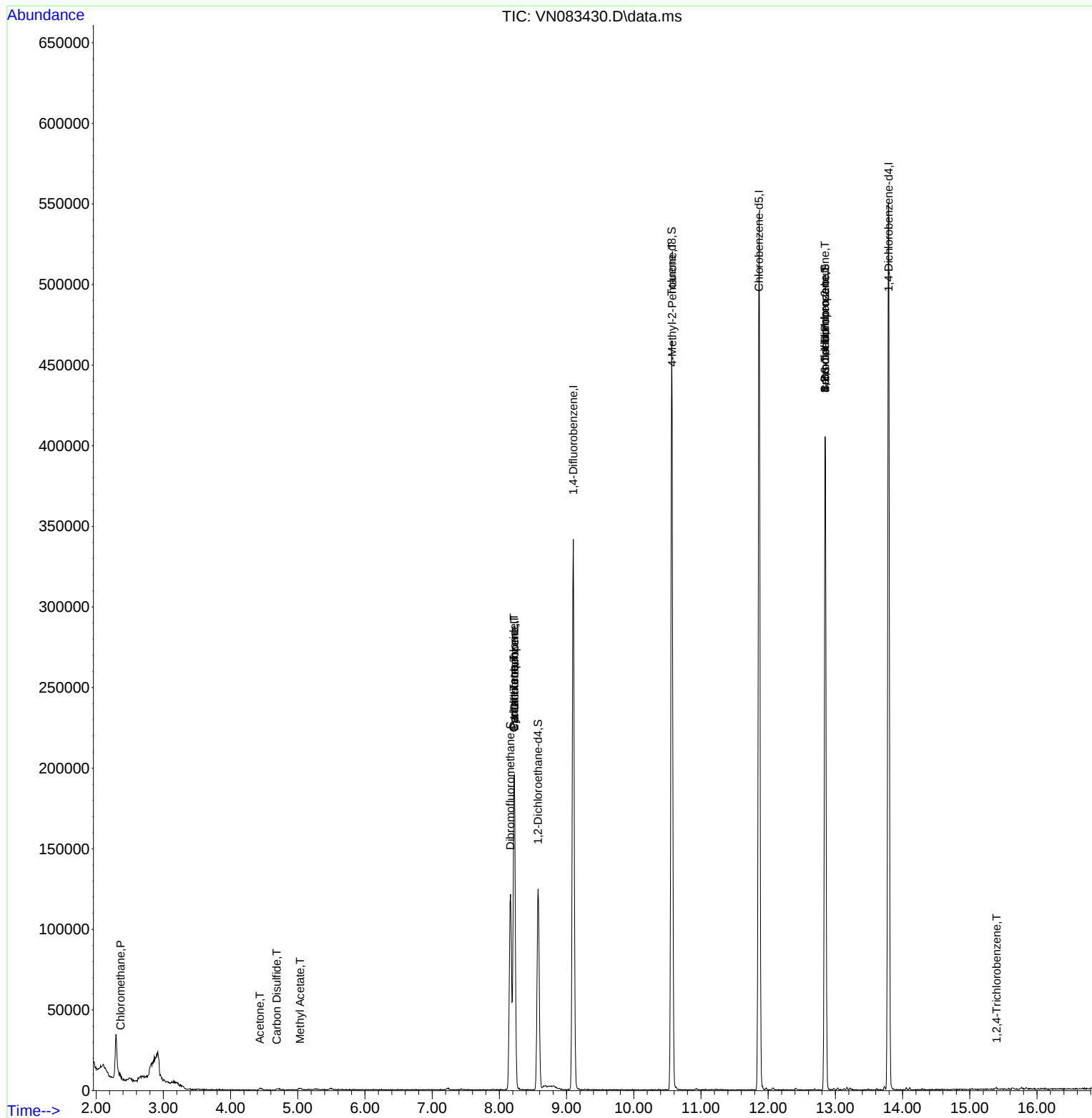
Internal Standards						
1) Pentafluorobenzene	8.224	168	135905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109501	56.606	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.220%	
35) Dibromofluoromethane	8.165	113	87954	50.121	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.240%	
50) Toluene-d8	10.565	98	318777	48.698	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	12.847	95	146528	57.417	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1062	0.673	ug/l #	81
16) Acetone	4.436	43	1109	1.465	ug/l #	48
17) Carbon Disulfide	4.689	76	1793	0.407	ug/l #	75
18) Methyl Acetate	5.036	43	2169	0.962	ug/l #	75
31) Cyclohexane	8.218	56	3569	1.245	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12594	4.744	ug/l #	51
38) Carbon Tetrachloride	8.218	117	15661	5.238	ug/l #	19
43) Isopropyl Acetate	8.694	43	3260	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1740	0.619	ug/l #	1
71) Bromoform	12.847	173	584	0.332	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	79941	25.814	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79941	56.151	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.400	180	640	0.239	ug/l #	71

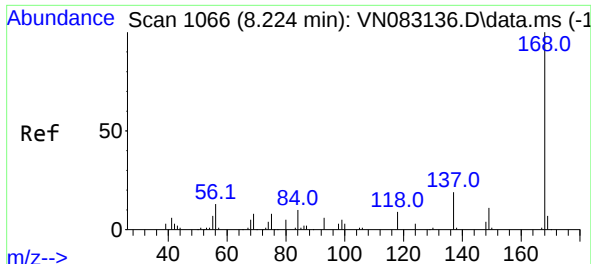
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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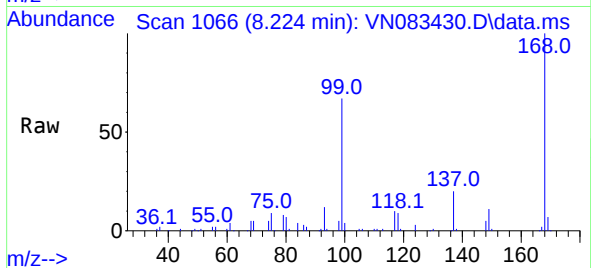
Quant Time: Aug 23 01:40:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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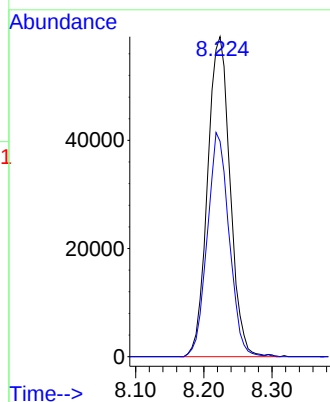
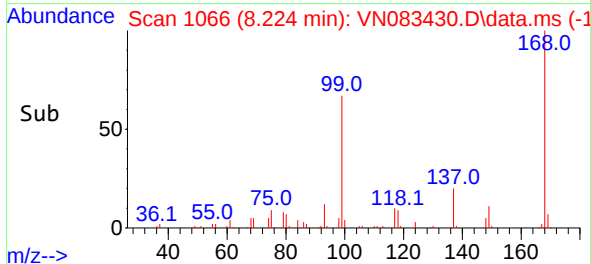


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :

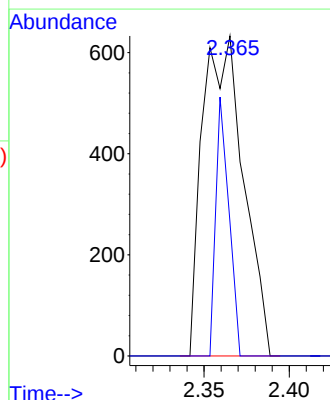
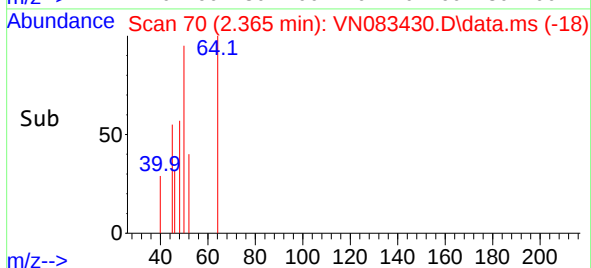
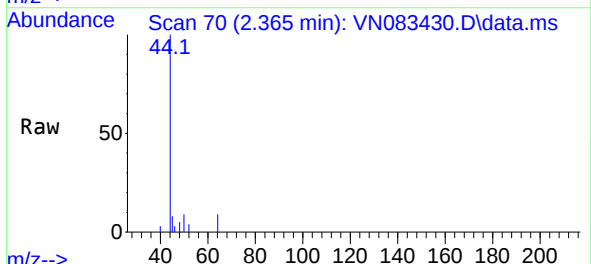


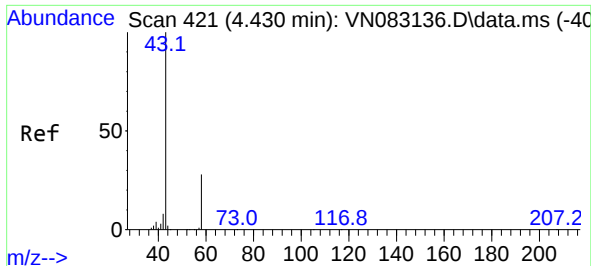
Tgt Ion:168 Resp: 135905
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4



#3
Chloromethane
Concen: 0.673 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

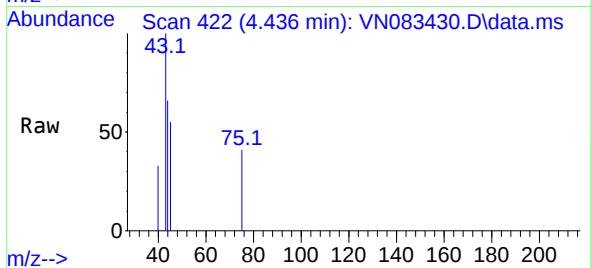
Tgt Ion: 50 Resp: 1062
Ion Ratio Lower Upper
50 100
52 41.9 25.0 37.4#



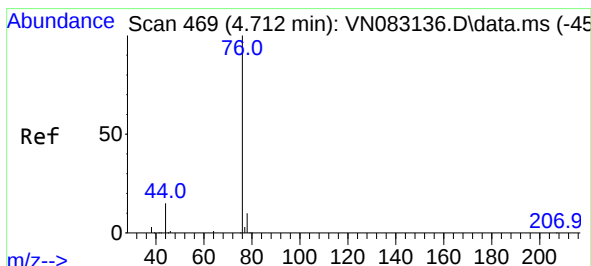
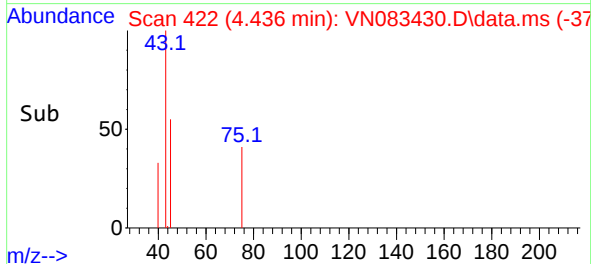
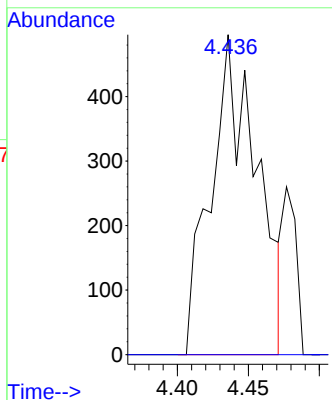


#16
Acetone
Concen: 1.465 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :

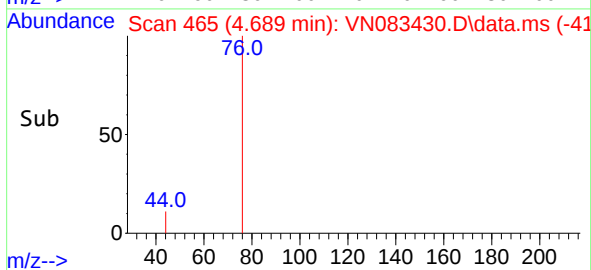
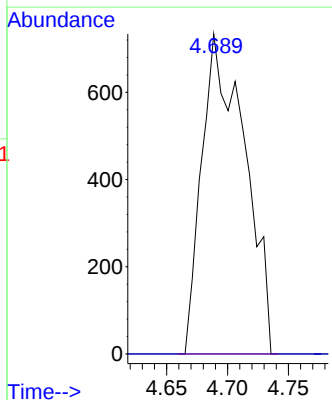
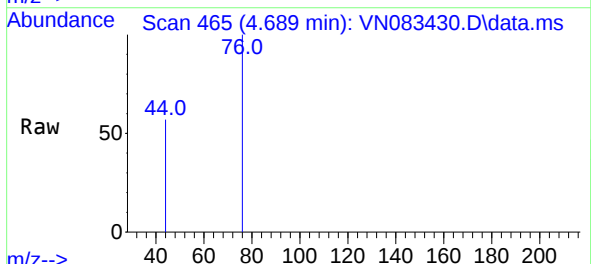


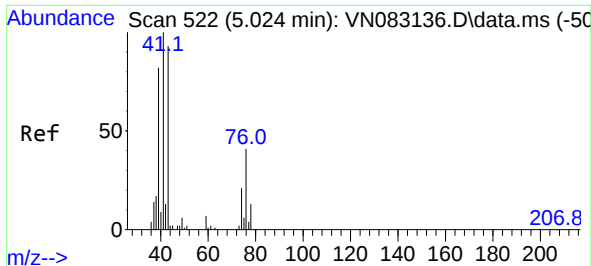
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.407 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.024 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Tgt Ion: 76 Resp: 1793
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.962 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

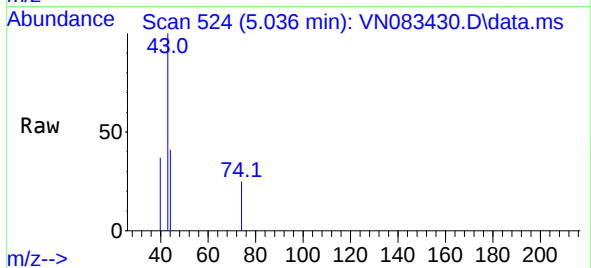
Lab File: VN083430.D

Acq: 22 Aug 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

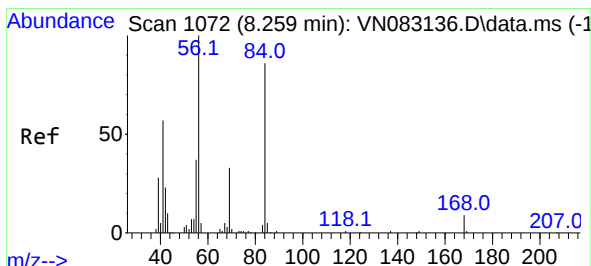
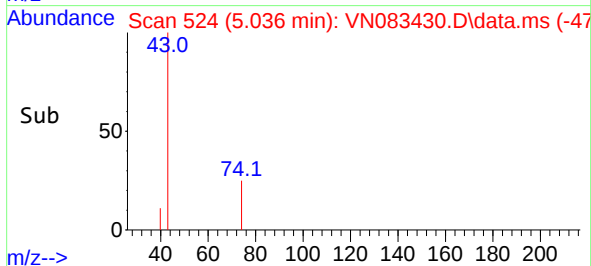
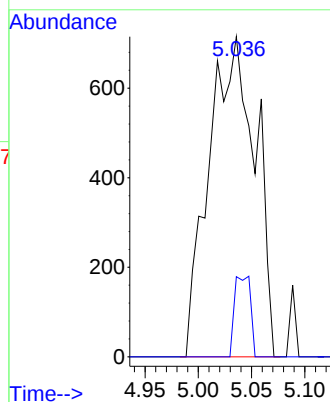


Tgt Ion: 43 Resp: 2169

Ion Ratio Lower Upper

43 100

74 8.6 16.3 24.5#



#31

Cyclohexane

Concen: 1.245 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN083430.D

Acq: 22 Aug 2024 12:56

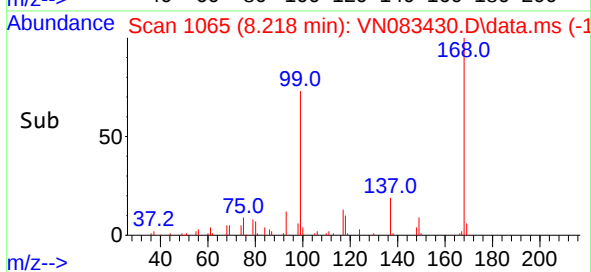
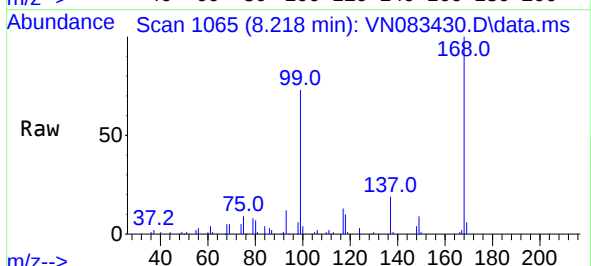
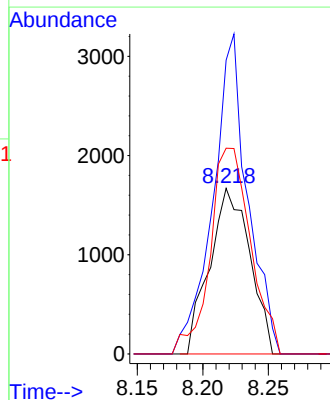
Tgt Ion: 56 Resp: 3569

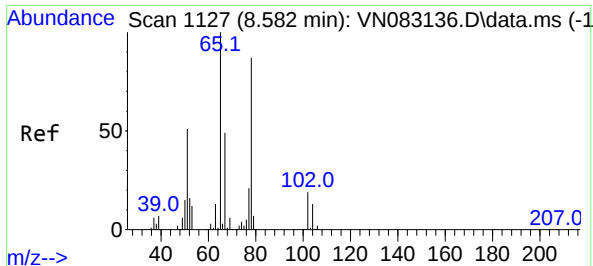
Ion Ratio Lower Upper

56 100

69 177.3 24.5 36.7#

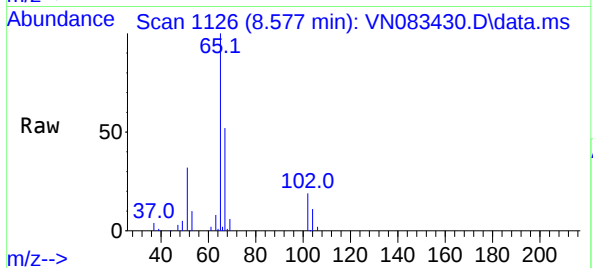
84 124.3 66.0 99.0#



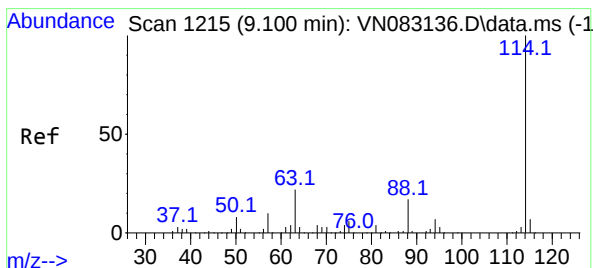
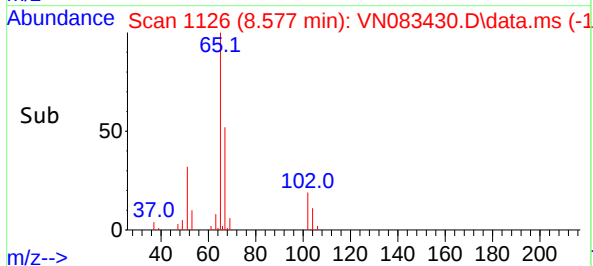
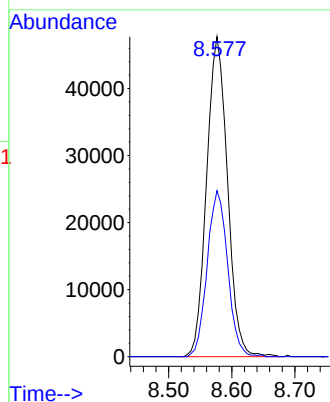


#33
1,2-Dichloroethane-d4
Concen: 56.606 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Instrument :
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ClientSampleId :

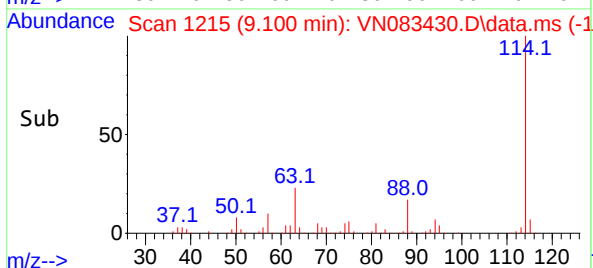
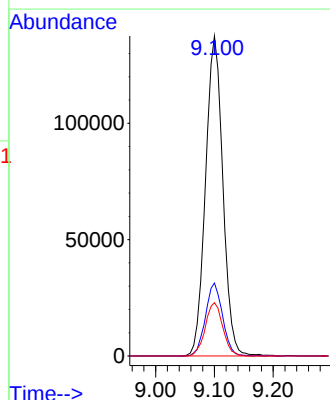
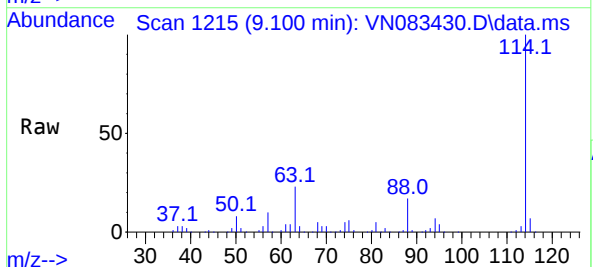


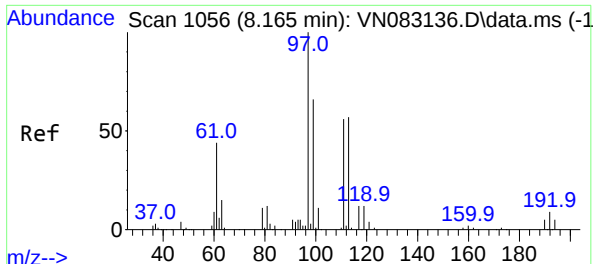
Tgt Ion: 65 Resp: 109501
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

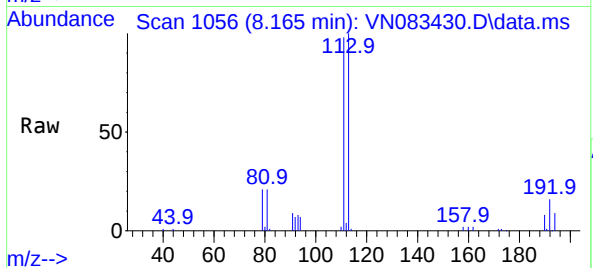
Tgt Ion: 114 Resp: 281144
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.6
88 16.6 0.0 31.4



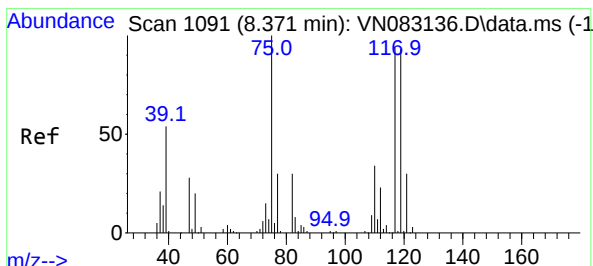
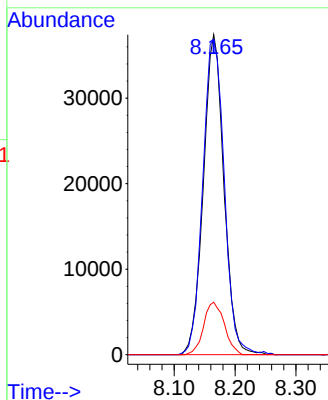
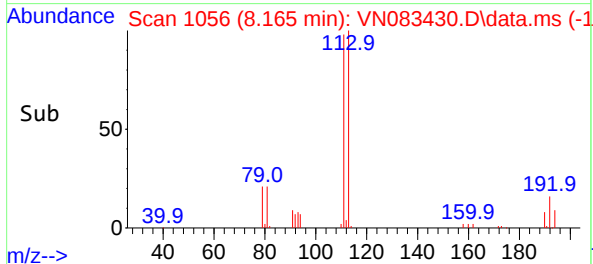


#35
Dibromofluoromethane
Concen: 50.121 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Instrument :
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ClientSampleId :

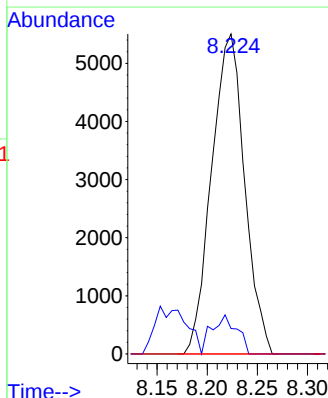
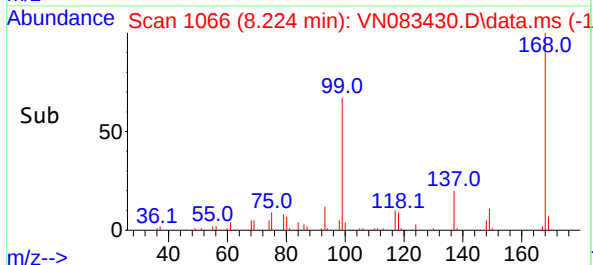
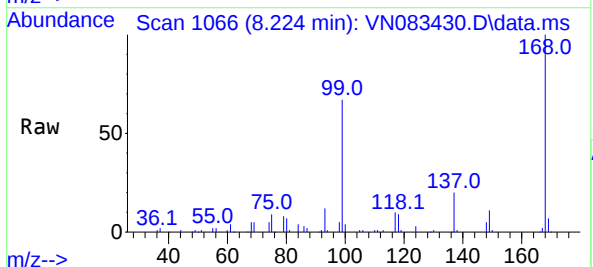


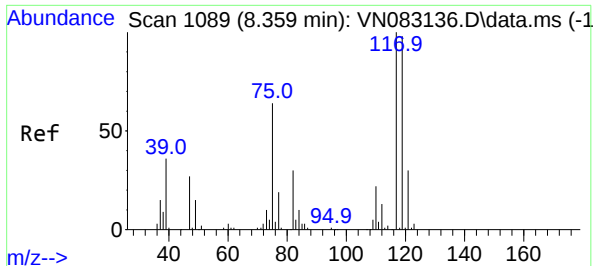
Tgt Ion:113 Resp: 87954
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 16.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

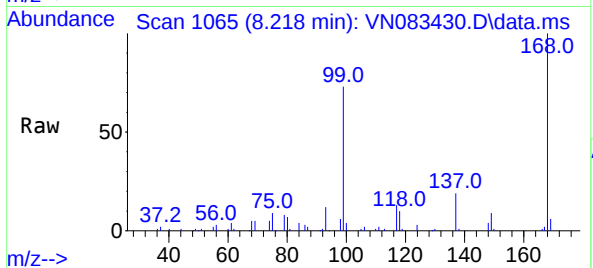
Tgt Ion: 75 Resp: 12594
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.6 37.0#



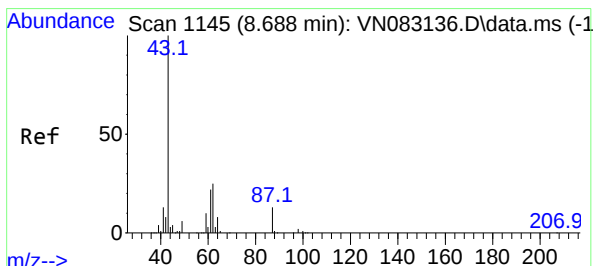
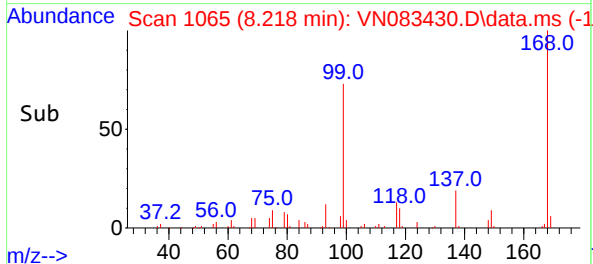
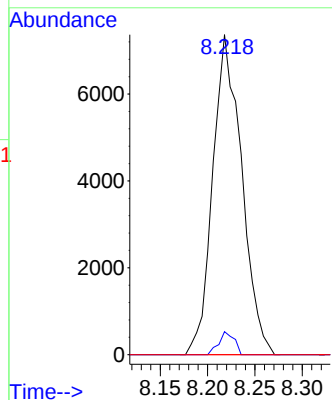


#38
Carbon Tetrachloride
Concen: 5.238 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :

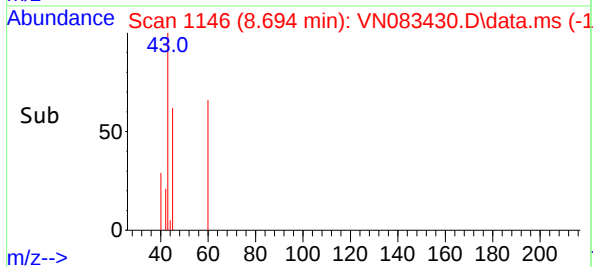
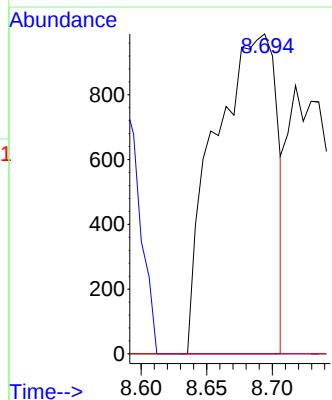
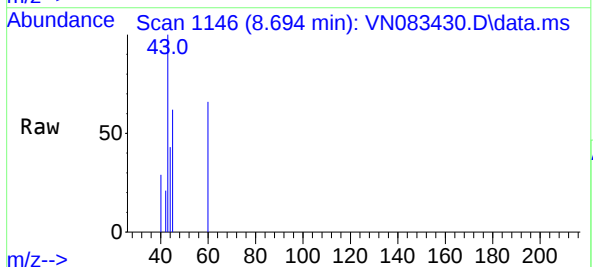


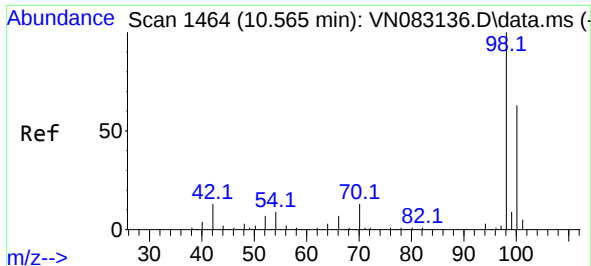
Tgt Ion:117 Resp: 15661
Ion Ratio Lower Upper
117 100
119 7.2 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Tgt Ion: 43 Resp: 3260
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

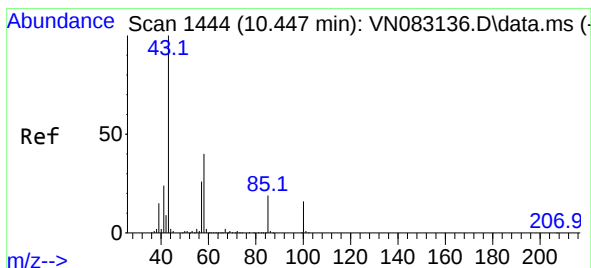
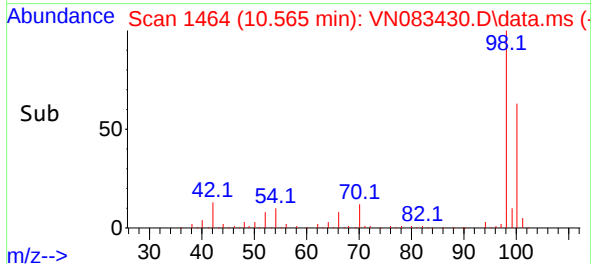
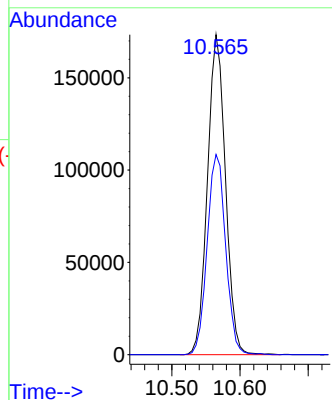
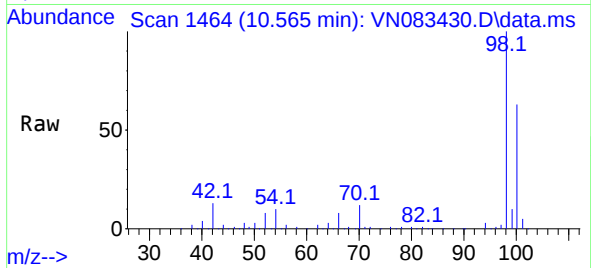




#50
Toluene-d8
Concen: 48.698 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

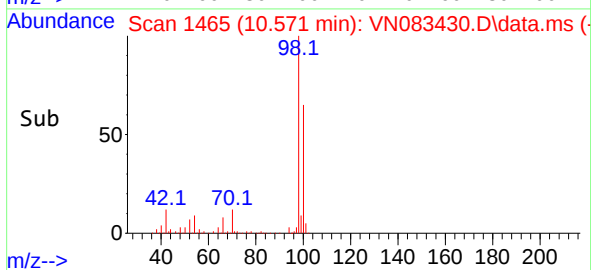
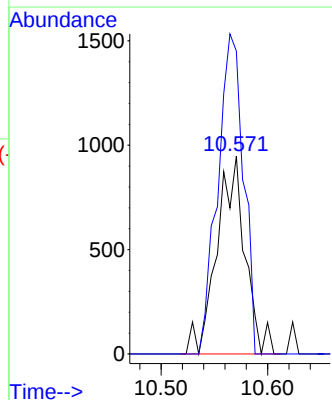
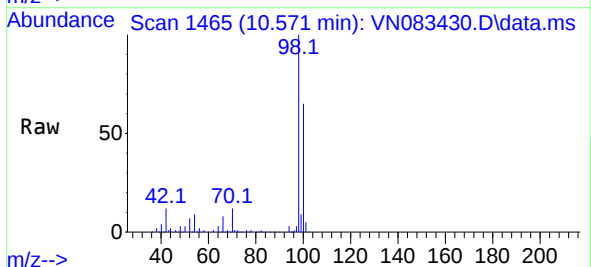
Instrument :
MSVOA_N
ClientSampleId :

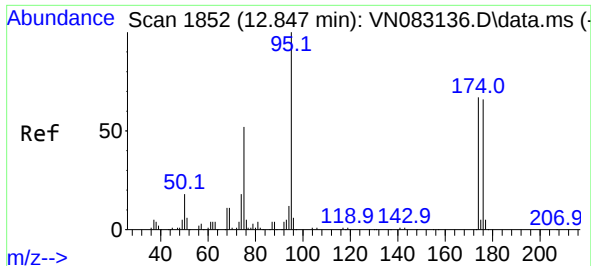
Tgt Ion: 98 Resp: 318777
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

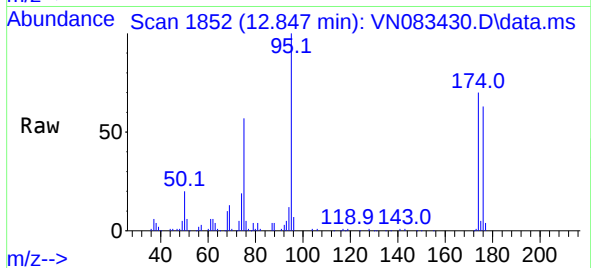
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 147.8 28.2 42.4#



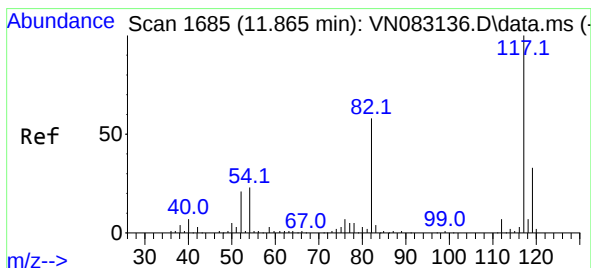
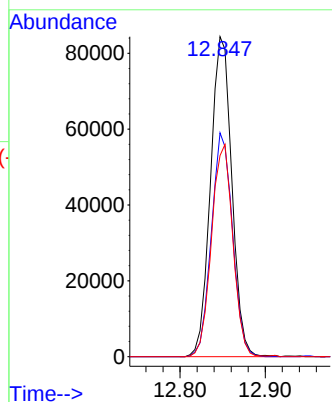


#62
4-Bromofluorobenzene
Concen: 57.417 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :

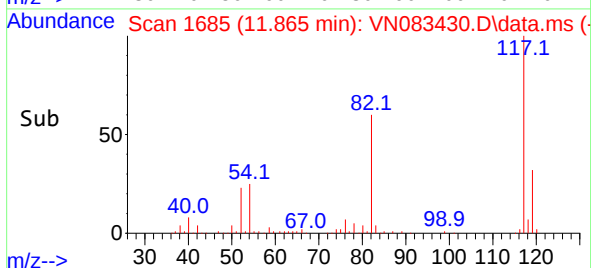
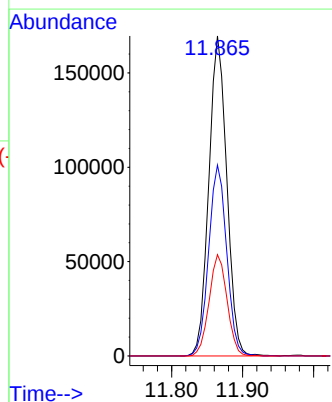
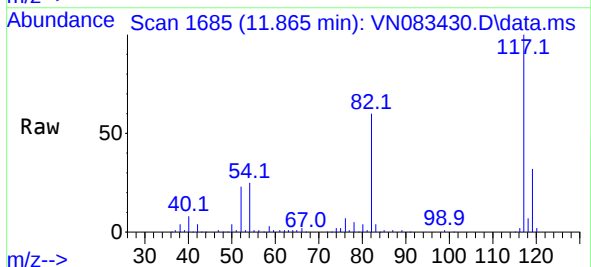


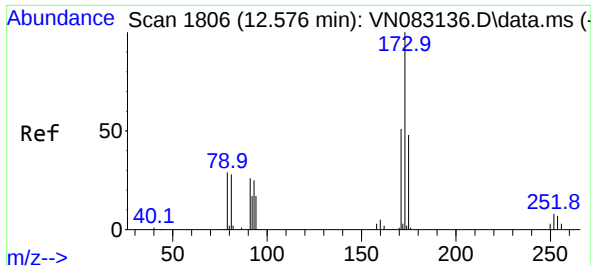
Tgt Ion: 95 Resp: 146528
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 66.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Tgt Ion: 117 Resp: 298099
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.7 25.6 38.4

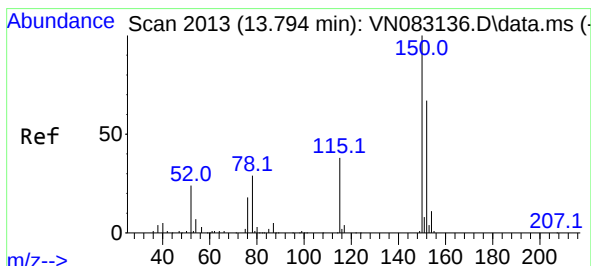
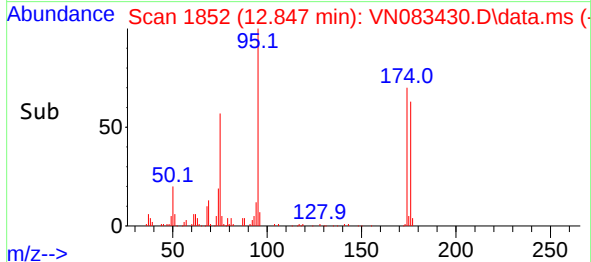
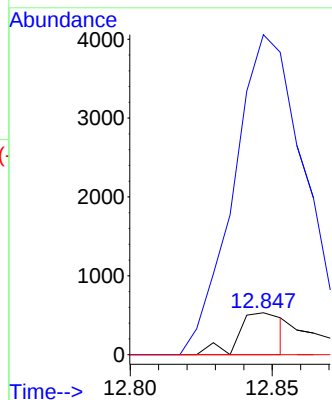
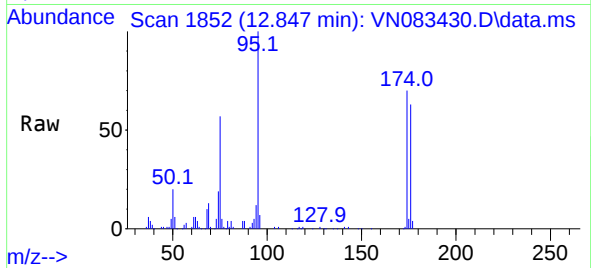




#71
Bromoform
Concen: 0.332 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

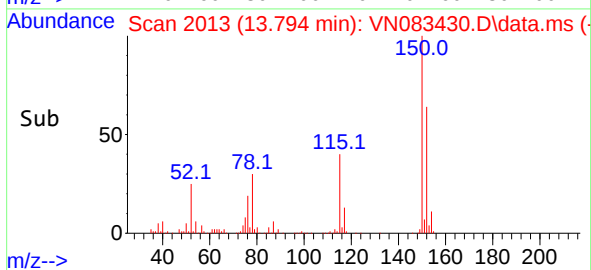
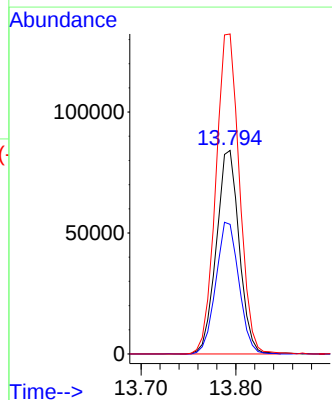
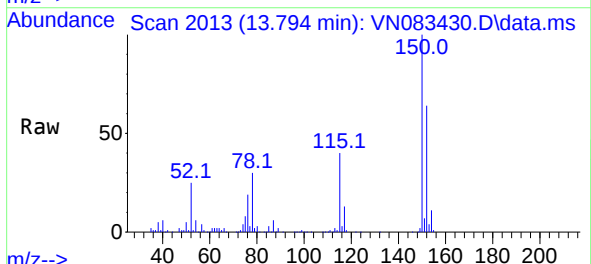
Instrument :
MSVOA_N
ClientSampleId :

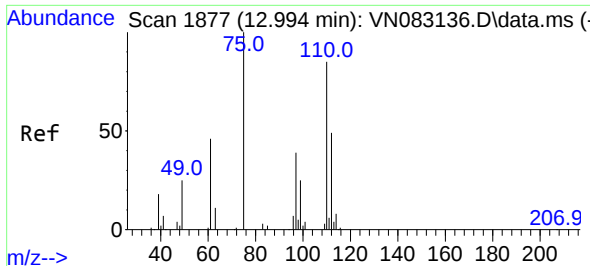
Tgt Ion:173 Resp: 584
Ion Ratio Lower Upper
173 100
175 868.2 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

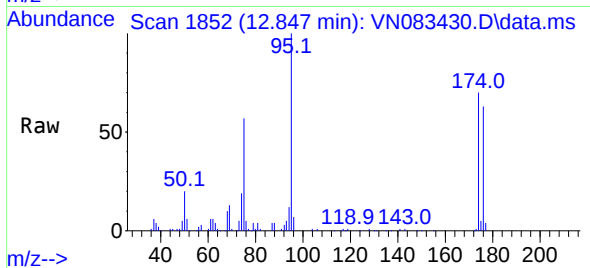
Tgt Ion:152 Resp: 141102
Ion Ratio Lower Upper
152 100
115 65.4 30.6 91.6
150 162.2 0.0 348.6



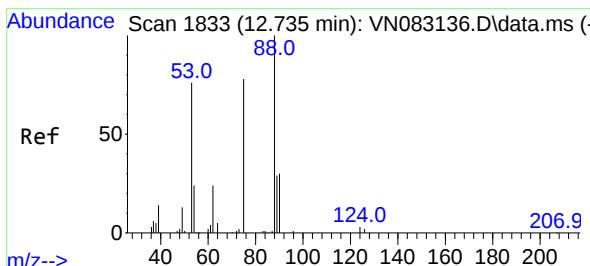
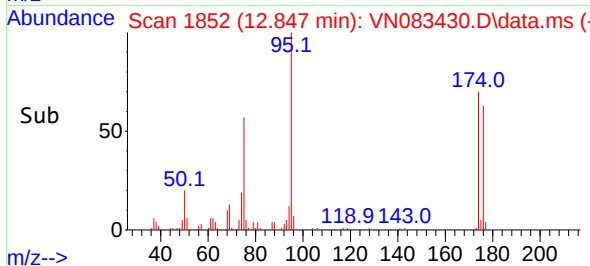
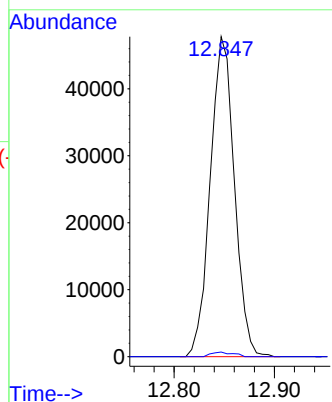


#76
1,2,3-Trichloropropane
Concen: 25.814 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :

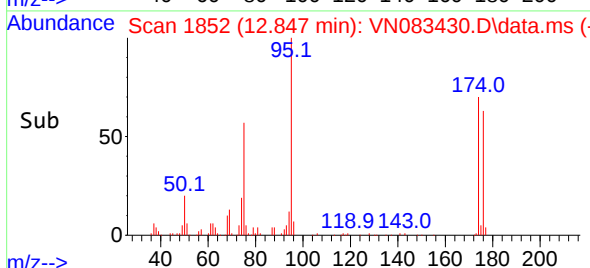
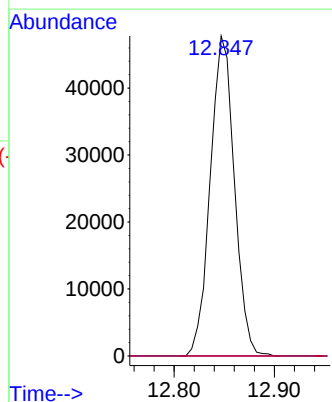
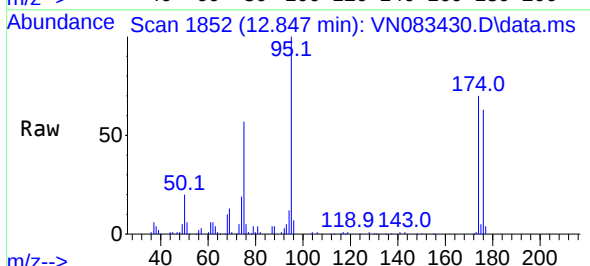


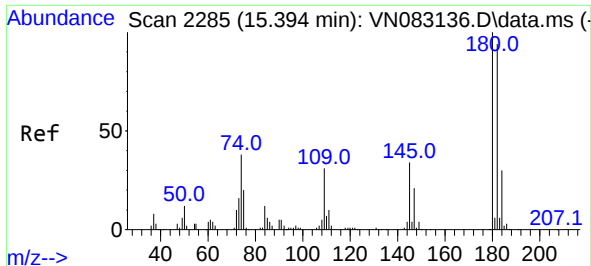
Tgt Ion: 75 Resp: 79941
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.151 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083430.D
Acq: 22 Aug 2024 12:56

Tgt Ion: 75 Resp: 79941
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.239 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

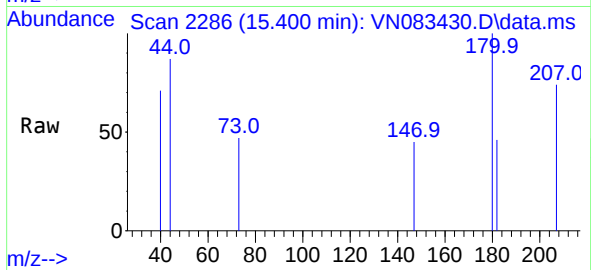
Lab File: VN083430.D

Acq: 22 Aug 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 640

Ion Ratio Lower Upper

180 100

182 75.6 47.3 141.8

145 0.0 15.7 47.1#

