

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084129.D
 Acq On : 24 Sep 2024 13:07
 Operator : JC\MD
 Sample : P4116-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 25 01:33:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

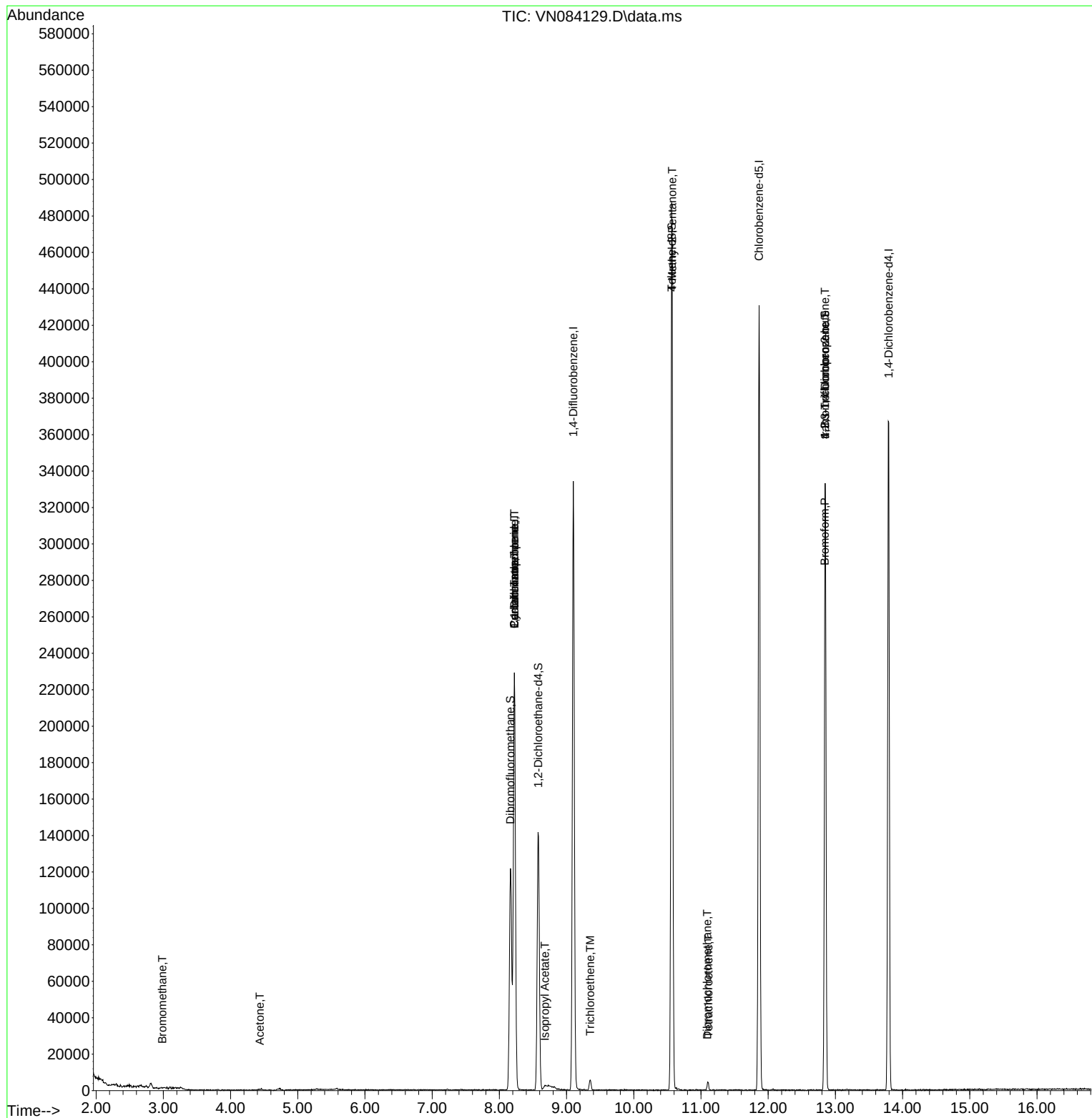
Internal Standards						
1) Pentafluorobenzene	8.224	168	154663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121376	52.046	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.100%			
35) Dibromofluoromethane	8.165	113	89238	50.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	10.565	98	331585	54.711	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.420%			
62) 4-Bromofluorobenzene	12.847	95	115295	46.110	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.220%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	544	Below Cal	#	84
5) Bromomethane	2.983	94	272	0.241	ug/l #	2
16) Acetone	4.436	43	728	0.779	ug/l #	45
18) Methyl Acetate	5.036	43	56	Below Cal	#	52
31) Cyclohexane	8.224	56	4184	1.241	ug/l #	14
36) 1,1-Dichloropropene	8.224	75	14629	5.544	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17694	5.911	ug/l #	16
43) Isopropyl Acetate	8.677	43	1266	0.292	ug/l #	57
44) Trichloroethene	9.353	130	2238	1.217	ug/l	88
51) 4-Methyl-2-Pentanone	10.570	43	1233	0.522	ug/l #	1
60) Dibromochloromethane	11.094	129	901	0.444	ug/l #	10
64) Tetrachloroethene	11.112	164	1104	0.711	ug/l #	77
71) Bromoform	12.841	173	373	0.308	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	63451	32.580	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63451	85.330	ug/l #	9

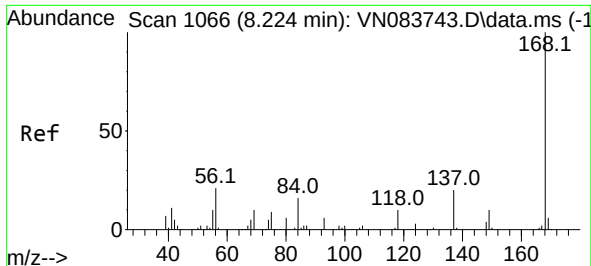
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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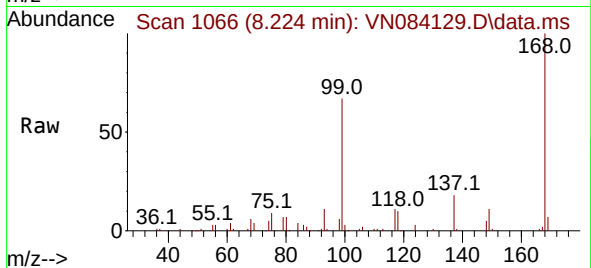
Quant Time: Sep 25 01:33:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



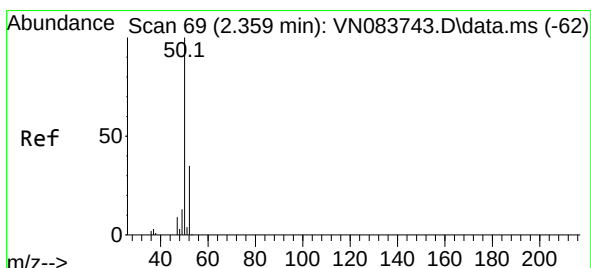
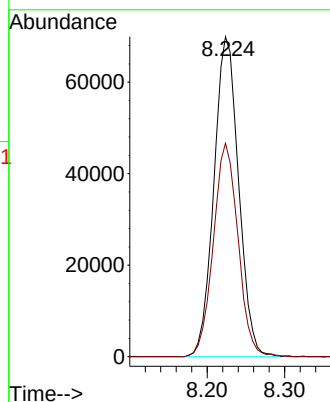
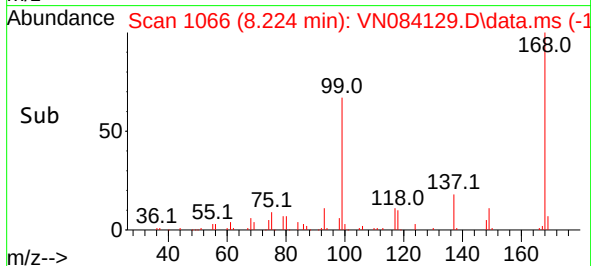


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :

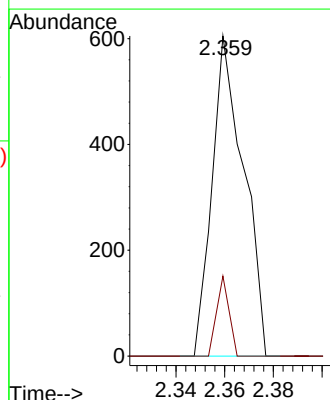
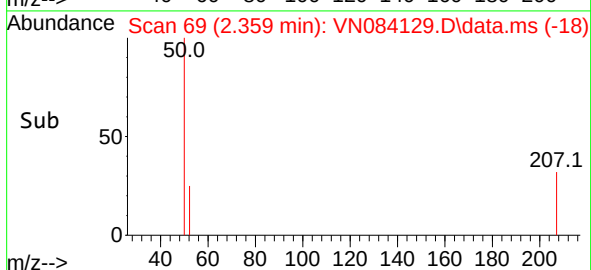
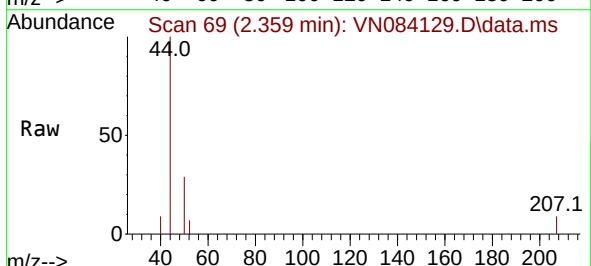


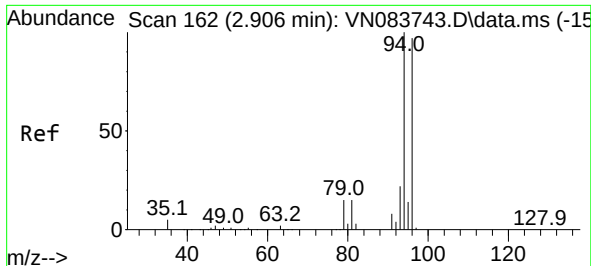
Tgt Ion:168 Resp: 154663
Ion Ratio Lower Upper
168 100
99 66.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

Tgt Ion: 50 Resp: 544
Ion Ratio Lower Upper
50 100
52 25.0 27.2 40.8#

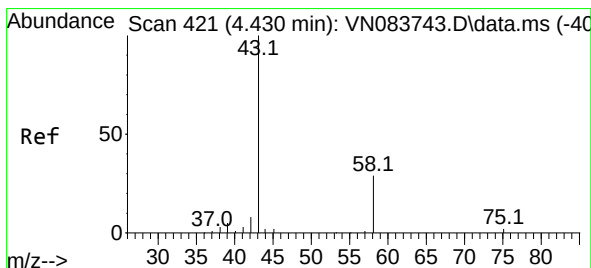
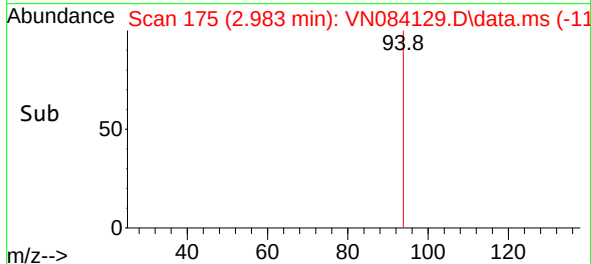
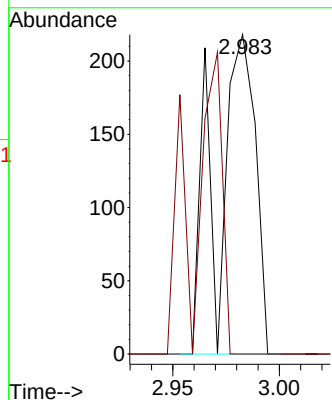
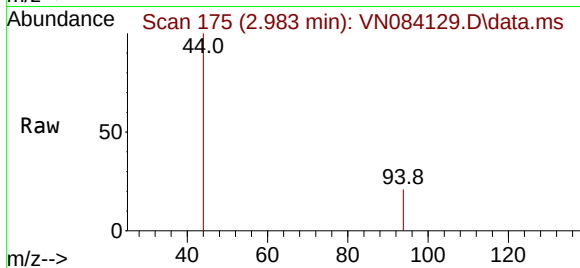




#5
Bromomethane
Concen: 0.241 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

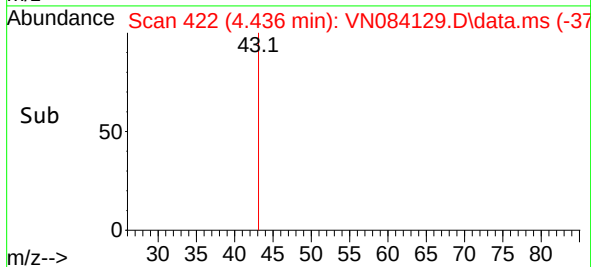
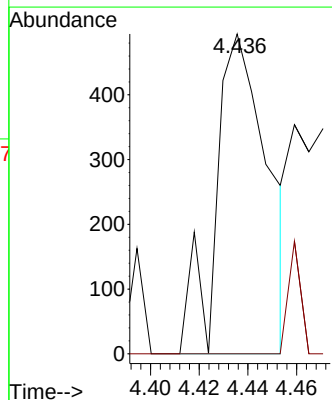
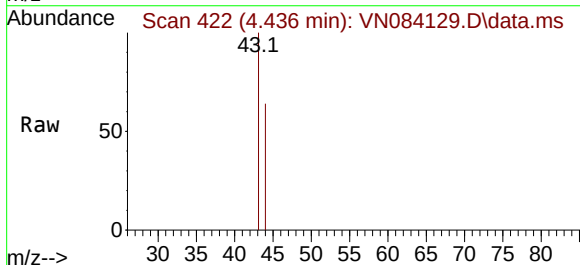
Instrument :
MSVOA_N
ClientSampleId :

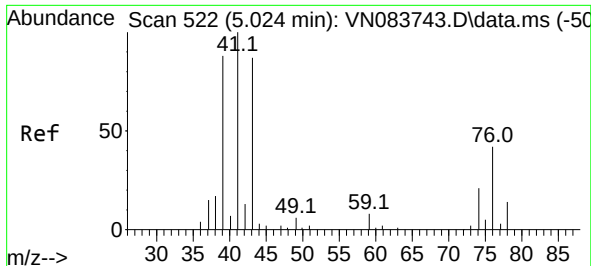
Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#16
Acetone
Concen: 0.779 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

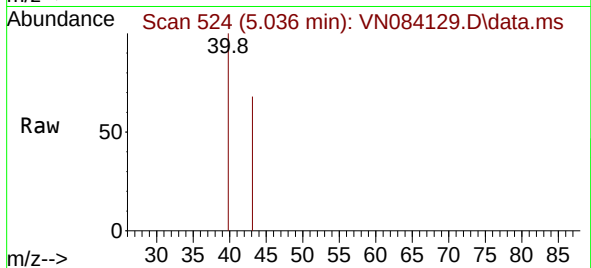
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



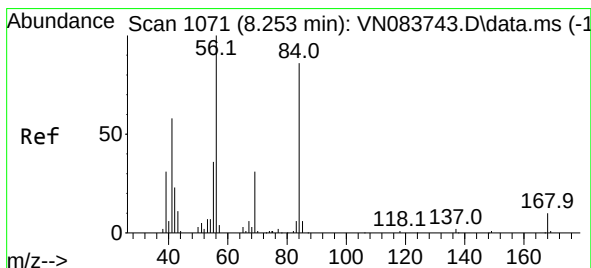
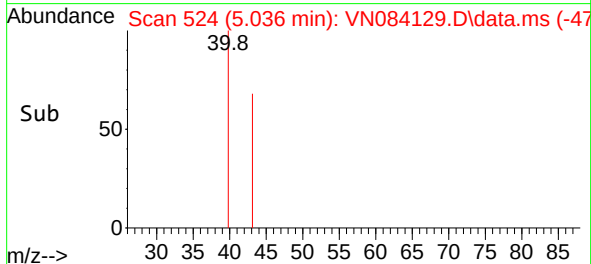
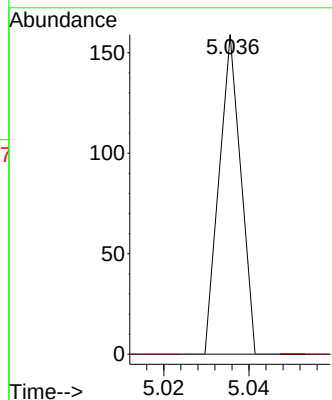


#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :

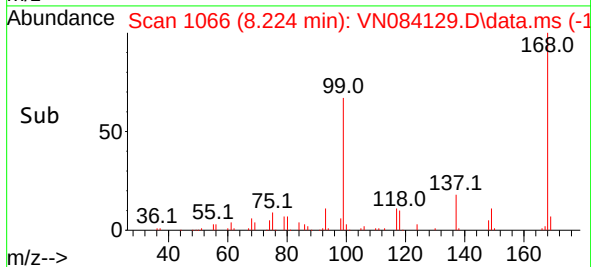
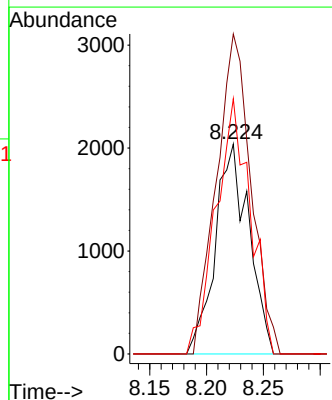
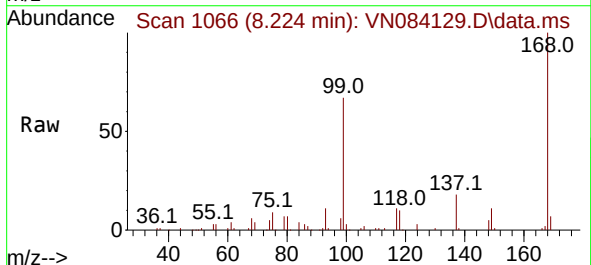


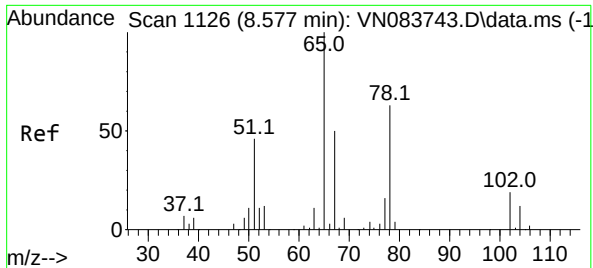
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

Tgt Ion: 56 Resp: 4184
Ion Ratio Lower Upper
56 100
69 152.4 26.9 40.3#
84 121.6 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 52.046 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084129.D

Acq: 24 Sep 2024 13:07

Instrument :

MSVOA_N

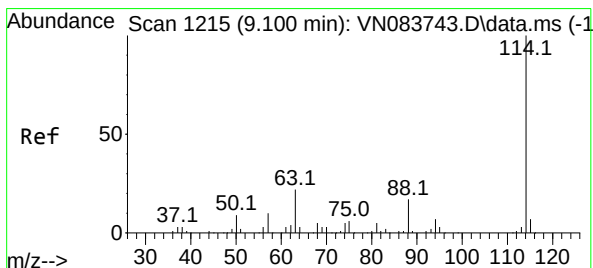
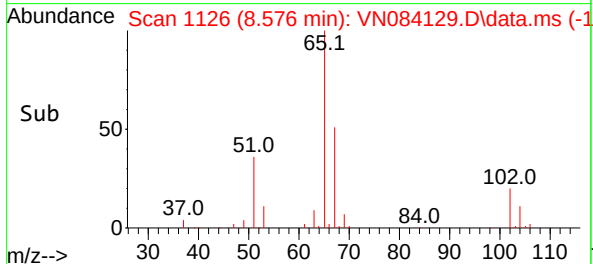
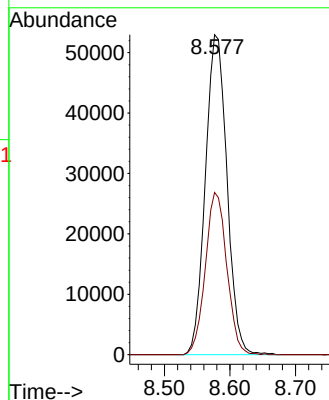
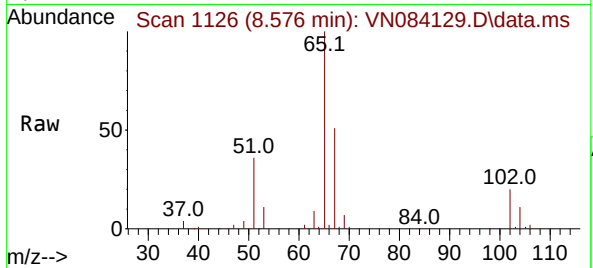
ClientSampleId :

Tgt Ion: 65 Resp: 121376

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084129.D

Acq: 24 Sep 2024 13:07

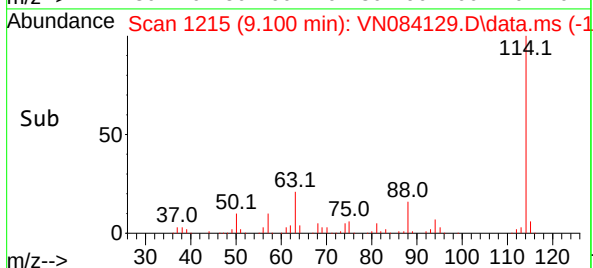
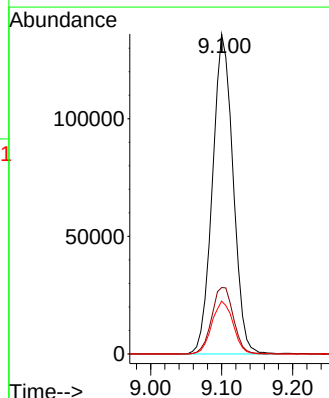
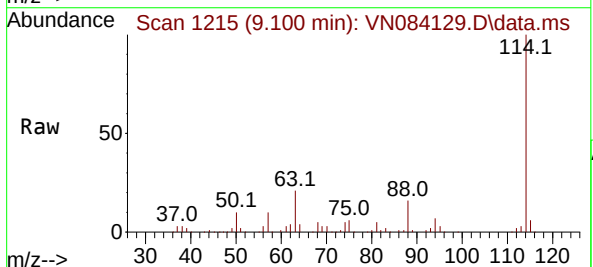
Tgt Ion: 114 Resp: 273844

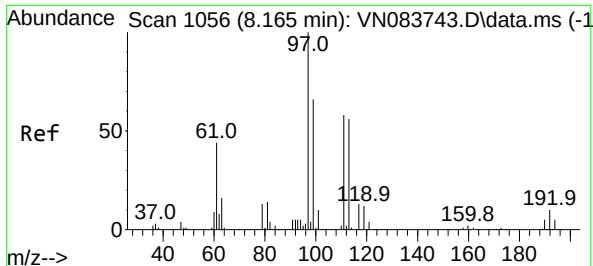
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.4

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.903 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084129.D

Acq: 24 Sep 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

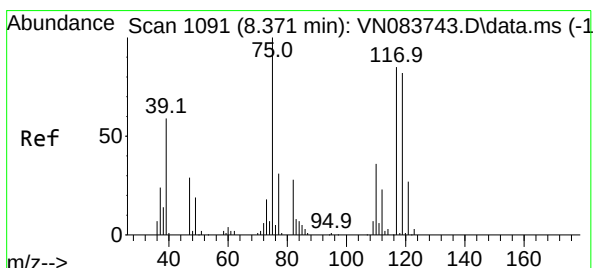
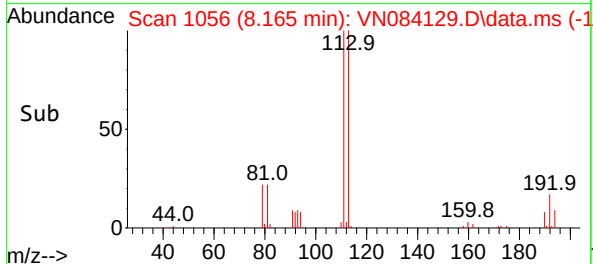
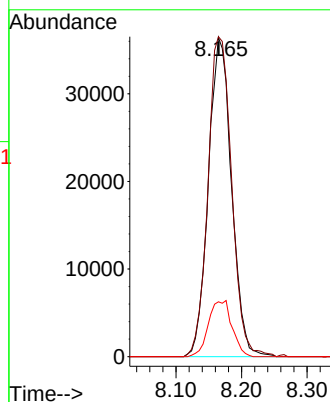
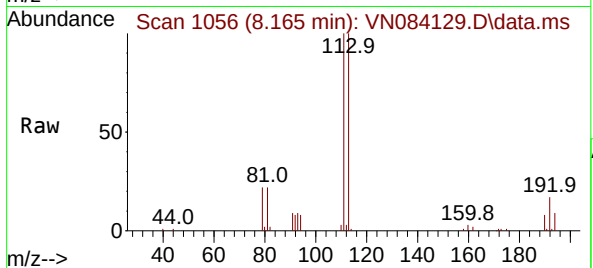
Tgt Ion:113 Resp: 89238

Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 17.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.544 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084129.D

Acq: 24 Sep 2024 13:07

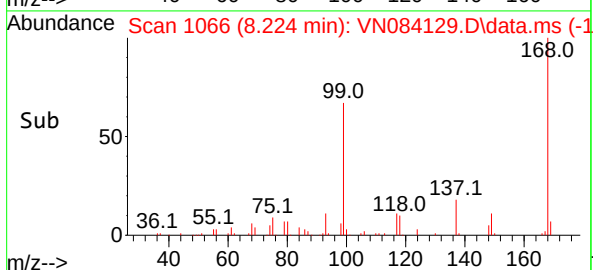
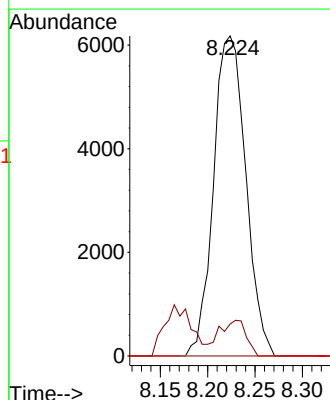
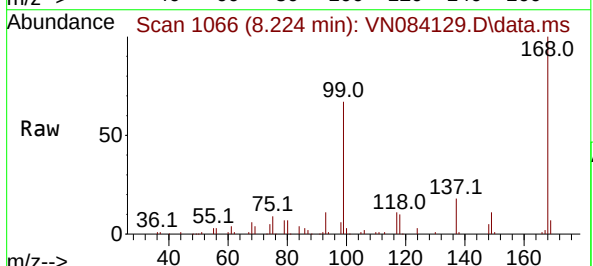
Tgt Ion: 75 Resp: 14629

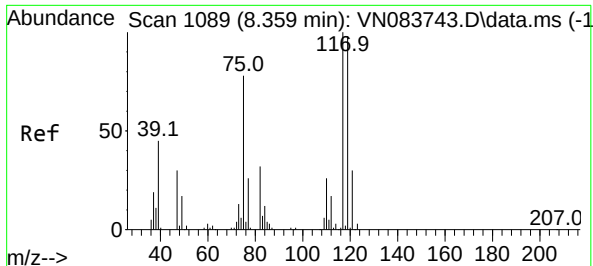
Ion Ratio Lower Upper

75 100

110 9.2 16.7 50.1#

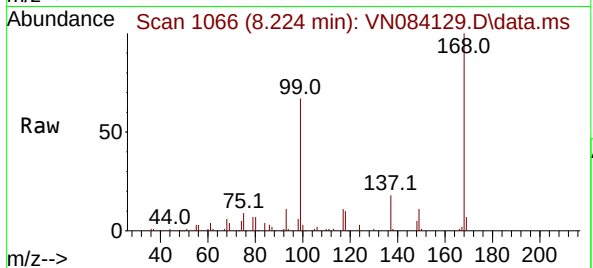
77 0.0 25.2 37.8#



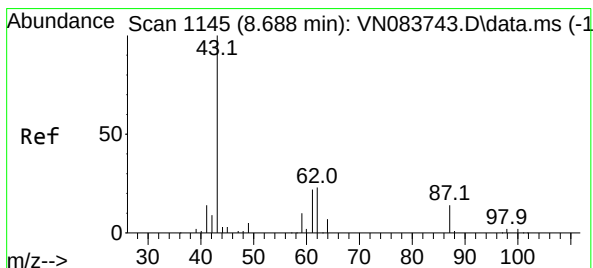
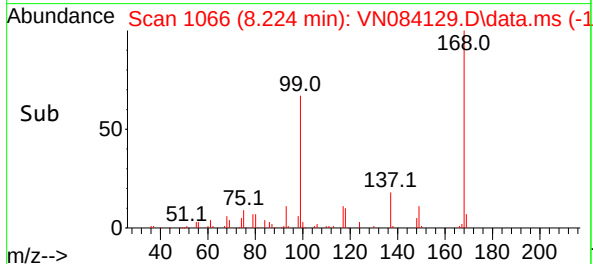
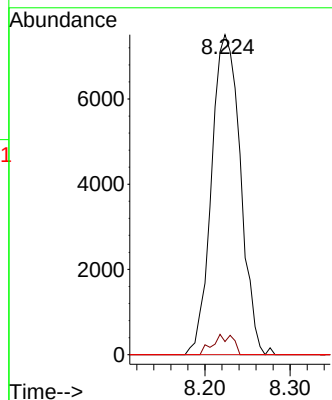


#38
Carbon Tetrachloride
Concen: 5.911 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :

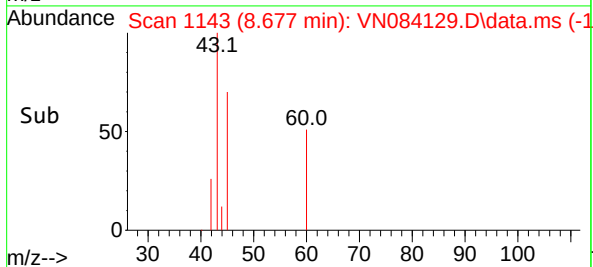
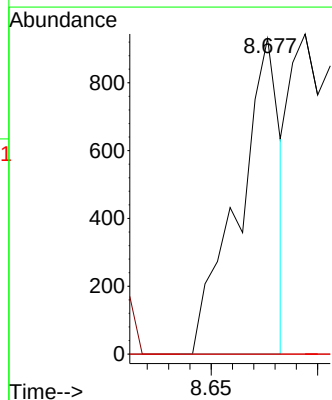
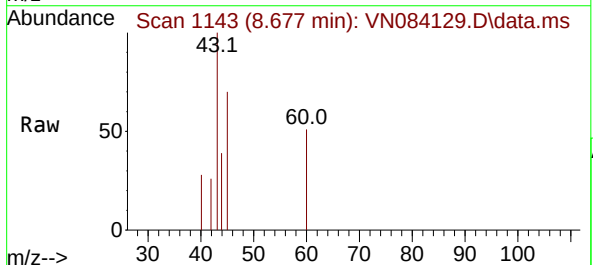


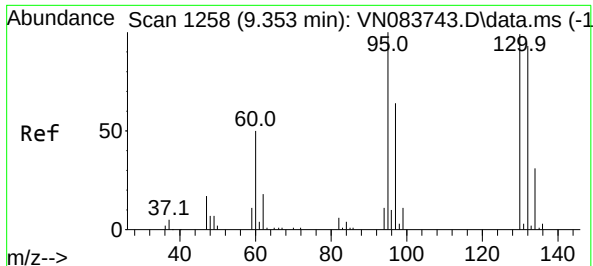
Tgt Ion:117 Resp: 17694
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.292 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

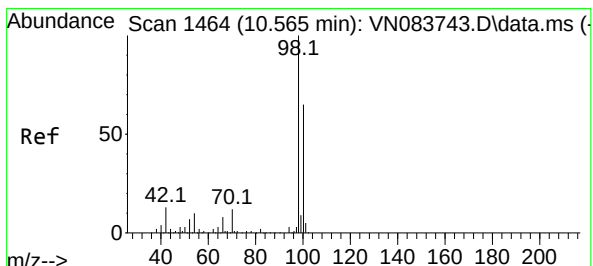
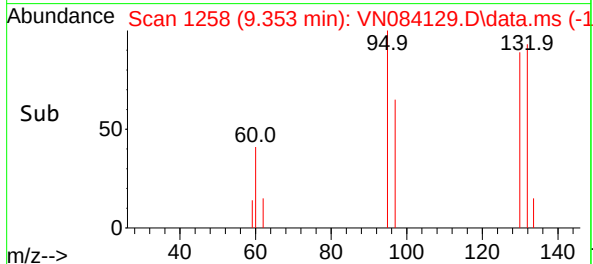
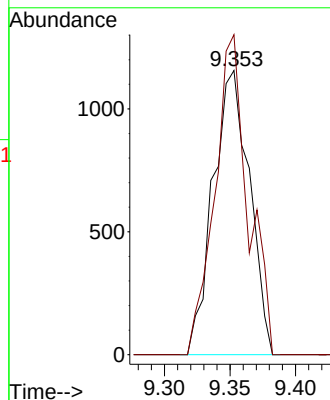
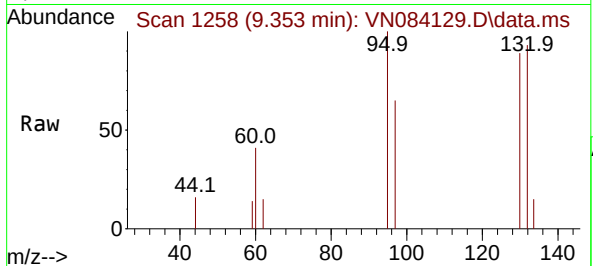




#44
Trichloroethene
Concen: 1.217 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

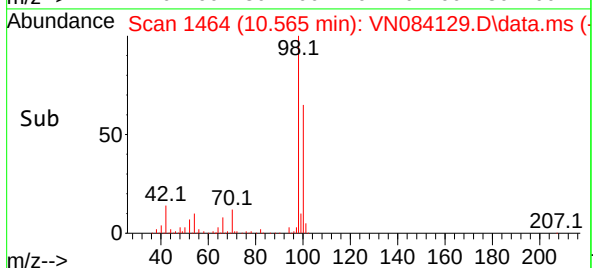
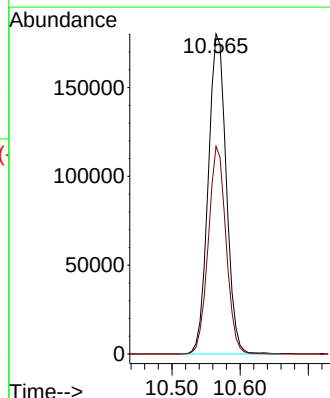
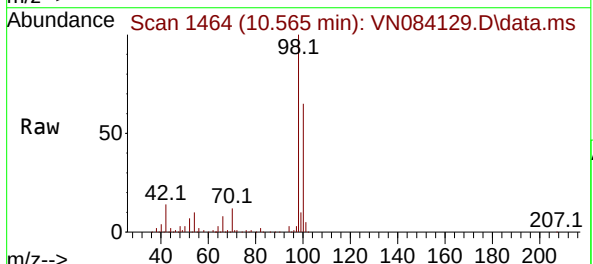
Instrument :
MSVOA_N
ClientSampleId :

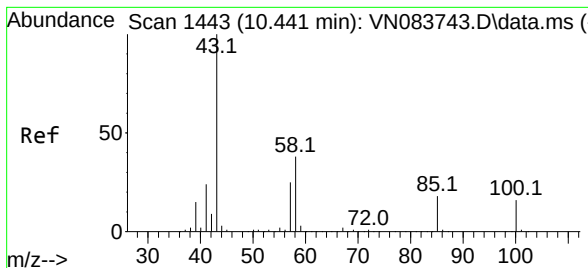
Tgt Ion:130 Resp: 2238
Ion Ratio Lower Upper
130 100
95 112.6 0.0 200.4



#50
Toluene-d8
Concen: 54.711 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

Tgt Ion: 98 Resp: 331585
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

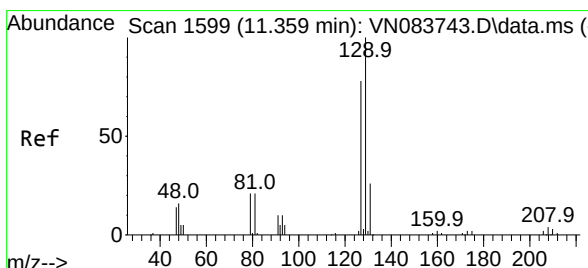
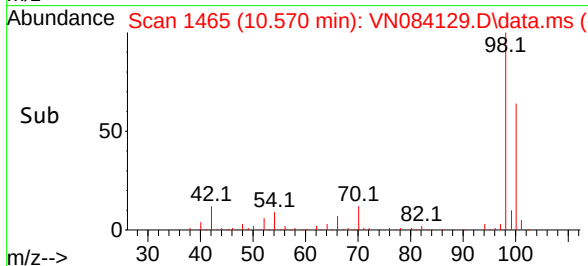
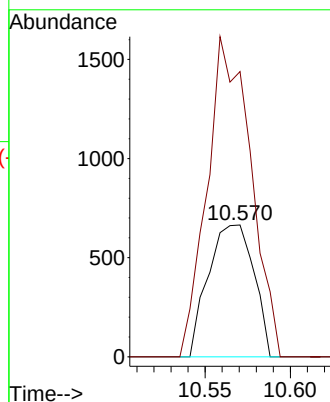
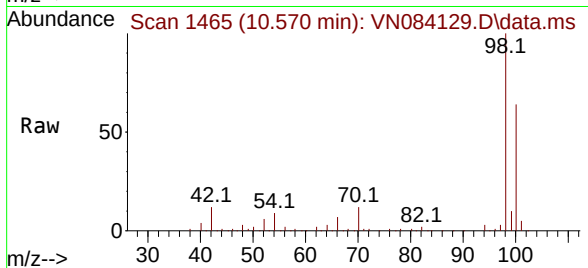




#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 10.570 min Scan# 14
Delta R.T. 0.129 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

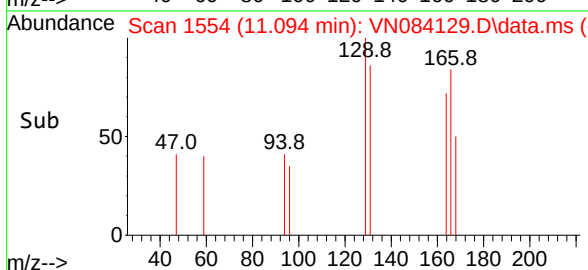
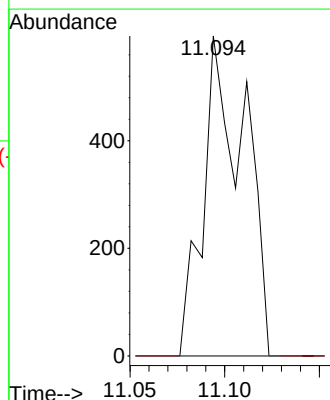
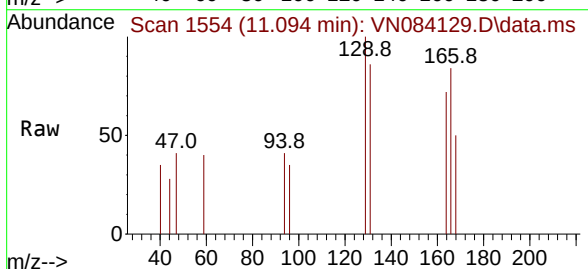
Instrument :
MSVOA_N
ClientSampleId :

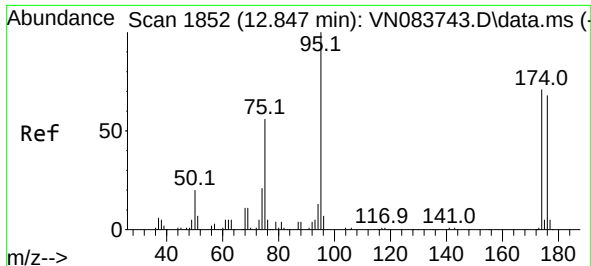
Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 232.3 31.6 47.4#



#60
Dibromochloromethane
Concen: 0.444 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.265 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

Tgt Ion: 129 Resp: 901
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

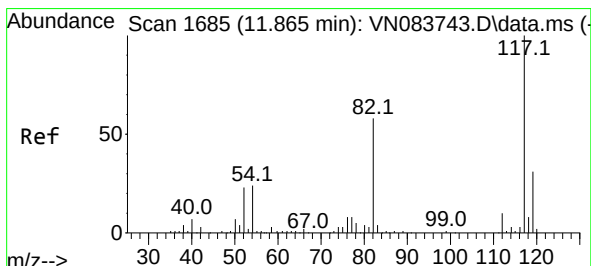
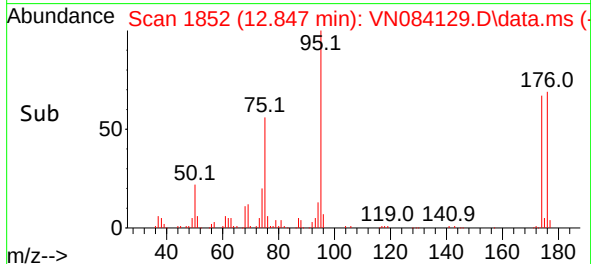
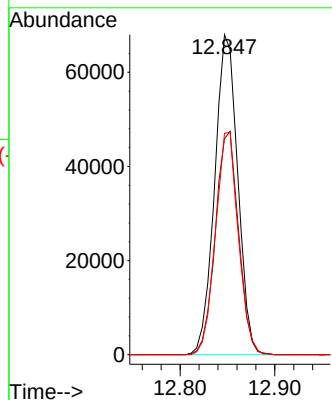
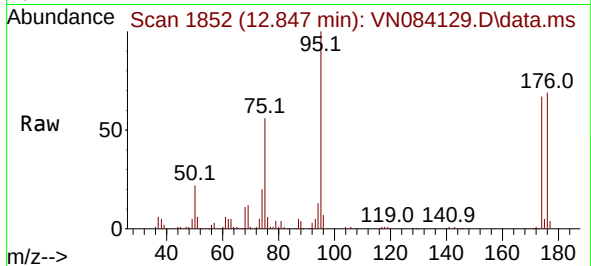




#62
4-Bromofluorobenzene
Concen: 46.110 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

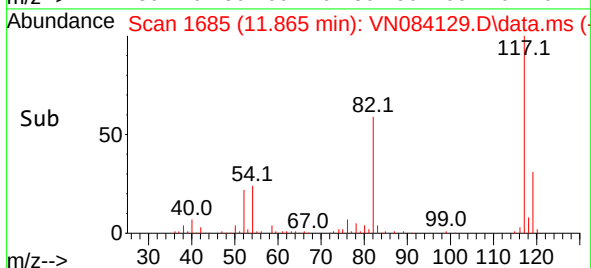
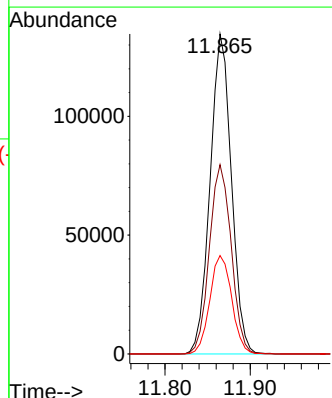
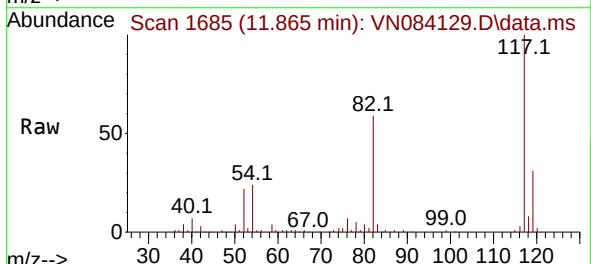
Instrument :
MSVOA_N
ClientSampleId :

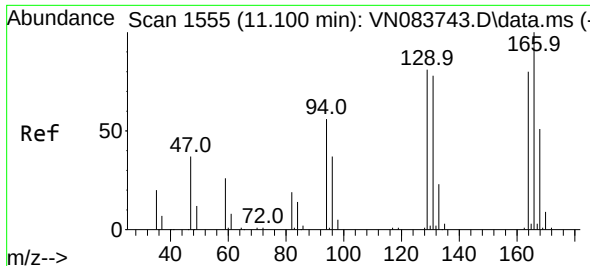
Tgt Ion: 95 Resp: 115295
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 68.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

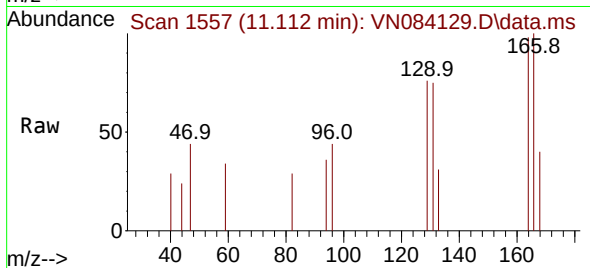
Tgt Ion: 117 Resp: 233515
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 30.8 26.3 39.5



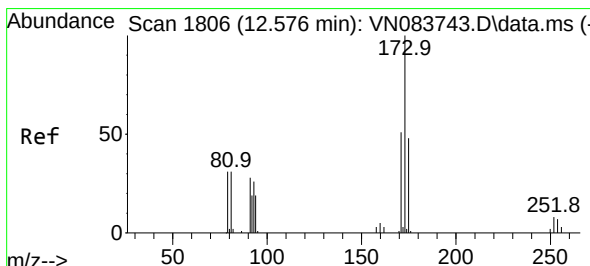
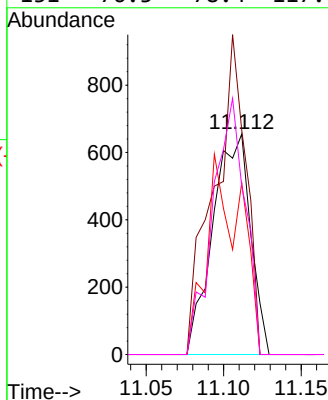
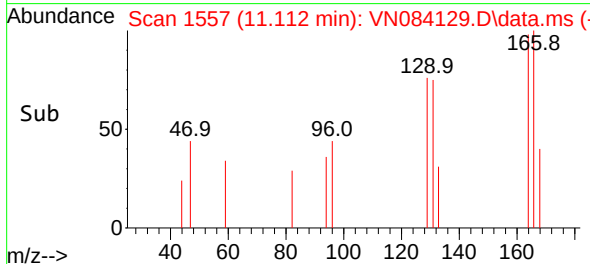


#64
Tetrachloroethene
Concen: 0.711 ug/l
RT: 11.112 min Scan# 1104
Delta R.T. 0.012 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

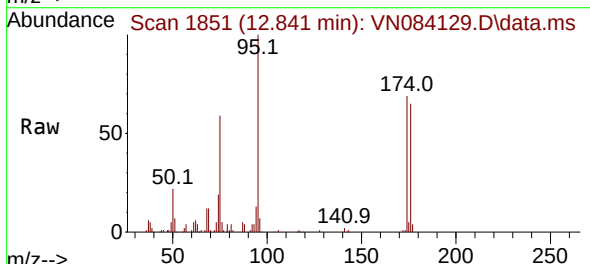
Instrument :
MSVOA_N
ClientSampleId :



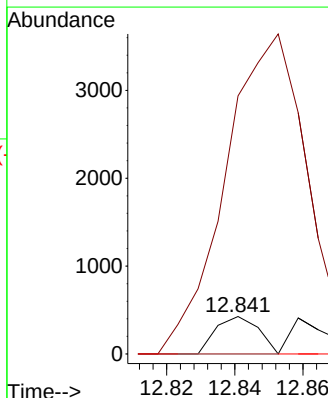
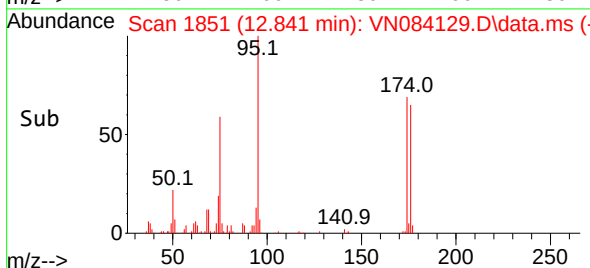
Tgt Ion:164 Resp: 1104
Ion Ratio Lower Upper
164 100
166 101.8 103.7 155.5#
129 77.9 79.9 119.9#
131 76.3 78.4 117.6#

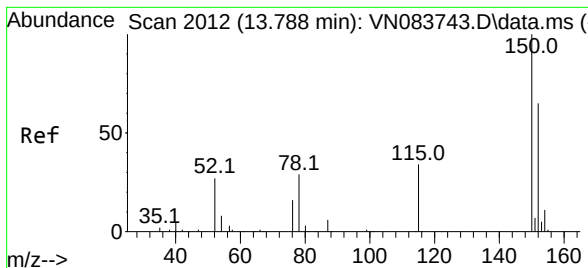


#71
Bromoform
Concen: 0.308 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07



Tgt Ion:173 Resp: 373
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
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. 0.006 min

Lab File: VN084129.D

Acq: 24 Sep 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

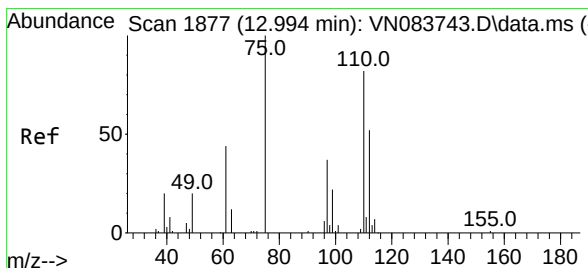
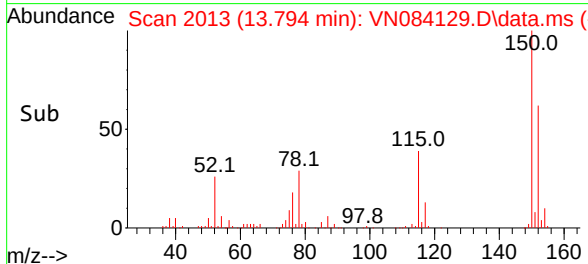
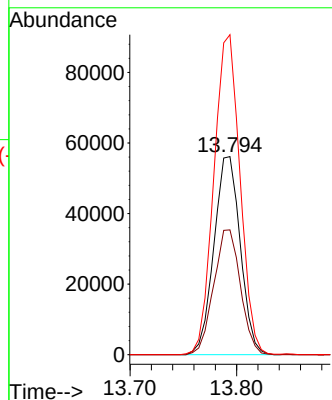
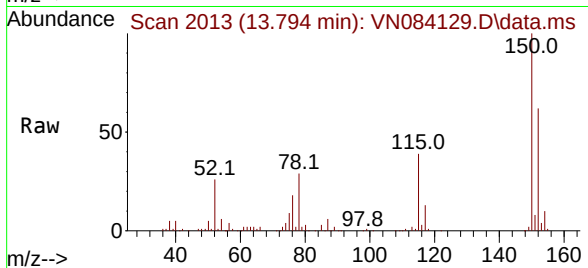
Tgt Ion:152 Resp: 96517

Ion Ratio Lower Upper

152 100

115 63.8 32.2 96.6

150 160.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 32.580 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084129.D

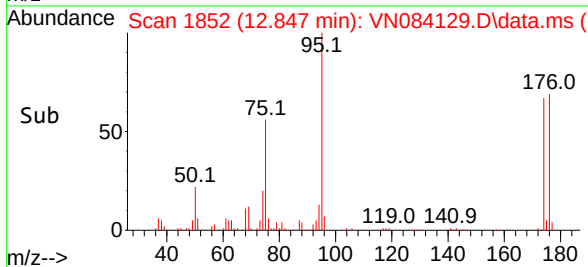
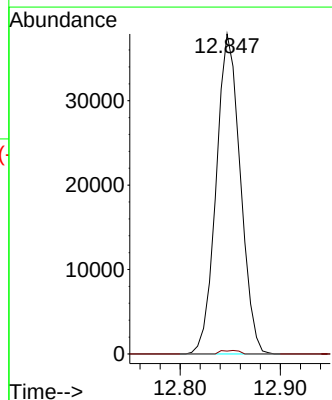
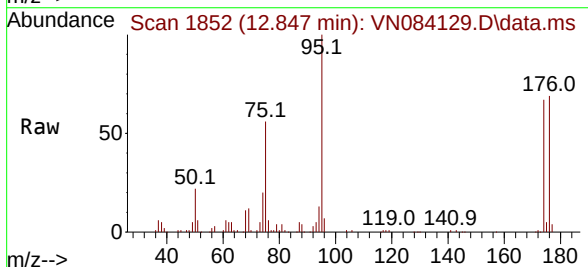
Acq: 24 Sep 2024 13:07

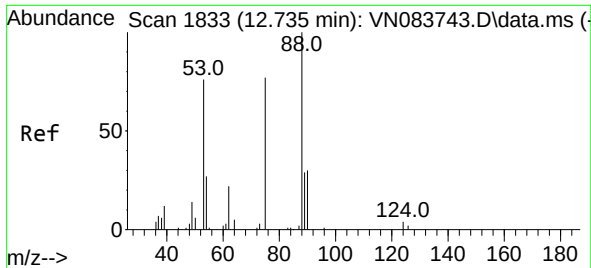
Tgt Ion: 75 Resp: 63451

Ion Ratio Lower Upper

75 100

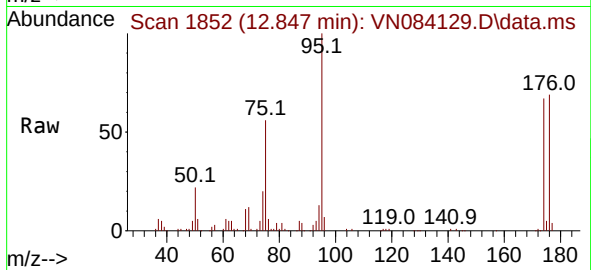
77 0.8 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.330 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084129.D
Acq: 24 Sep 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 63451
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.1 35.7 53.5#

