

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083678.D
 Acq On : 05 Sep 2024 16:14
 Operator : JC\MD
 Sample : P3804-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:19:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

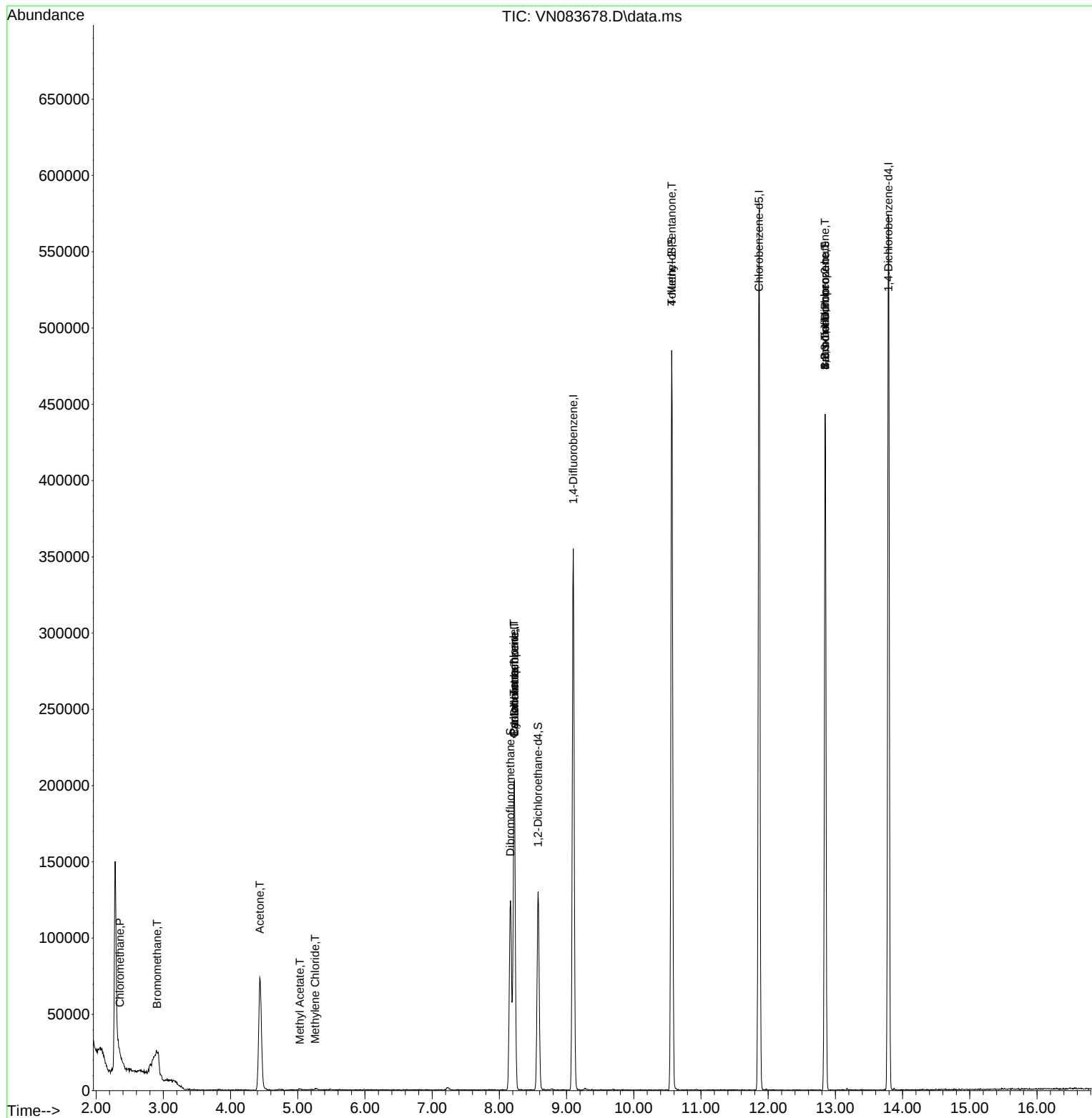
Internal Standards						
1) Pentafluorobenzene	8.224	168	140937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110861	56.282	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.560%	
35) Dibromofluoromethane	8.165	113	89044	51.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	10.565	98	327633	48.196	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.847	95	152253	60.476	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 120.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	1552	0.893	ug/l #	41
5) Bromomethane	2.906	94	281	0.307	ug/l #	55
16) Acetone	4.436	43	1154	1.469	ug/l #	45
18) Methyl Acetate	5.030	43	1197	0.573	ug/l #	52
20) Methylene Chloride	5.259	84	603	0.348	ug/l #	80
31) Cyclohexane	8.224	56	3845	1.262	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	12949	4.864	ug/l #	52
38) Carbon Tetrachloride	8.218	117	15984	5.263	ug/l #	17
43) Isopropyl Acetate	8.724	43	53	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1494	0.607	ug/l #	1
71) Bromoform	12.847	173	500	0.295	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	86216	28.400	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86216	66.985	ug/l #	9

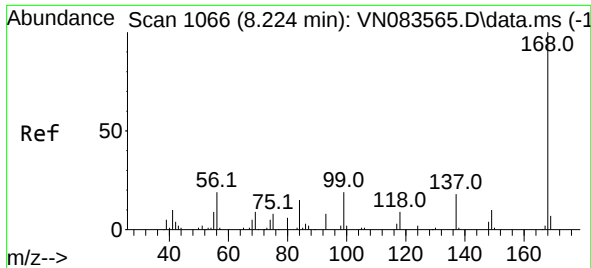
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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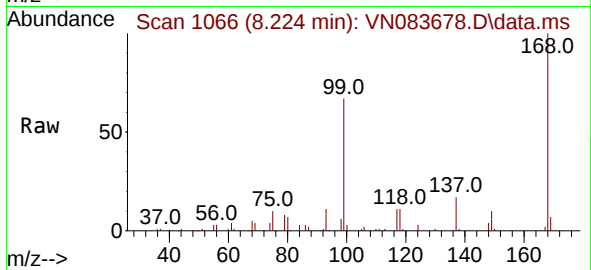
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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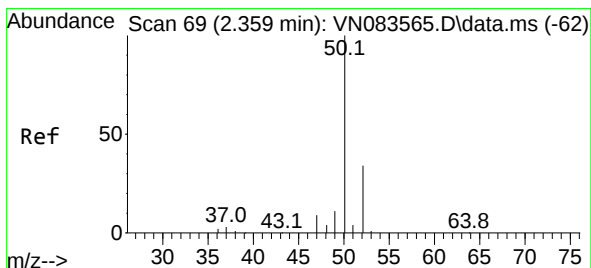
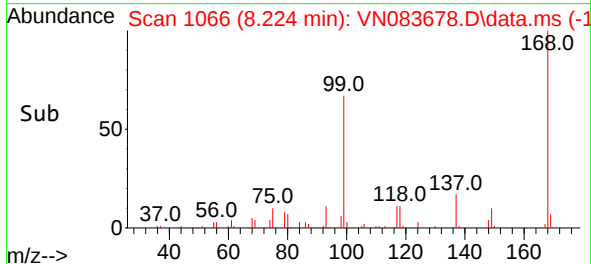
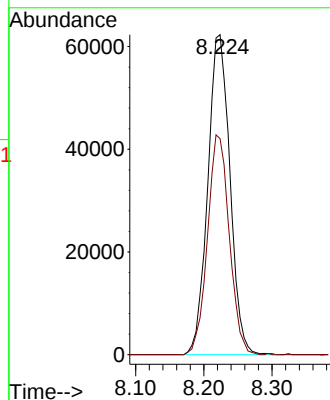


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

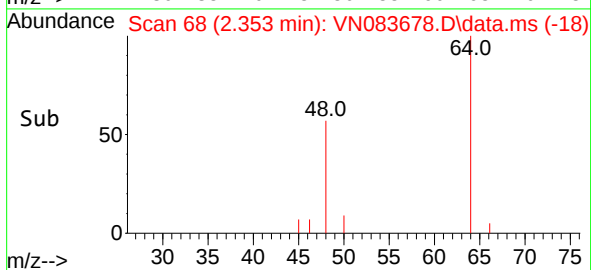
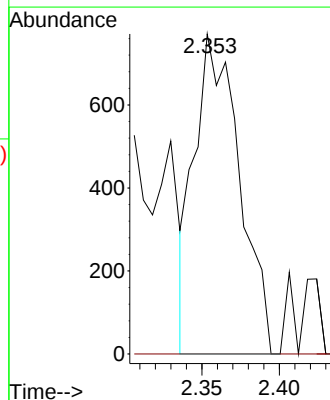
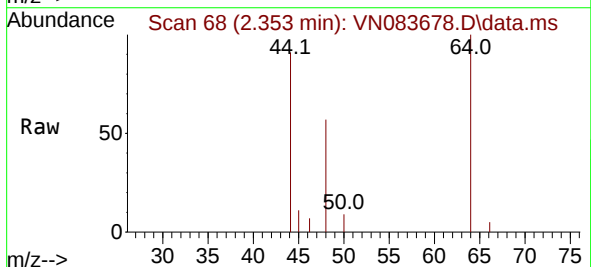


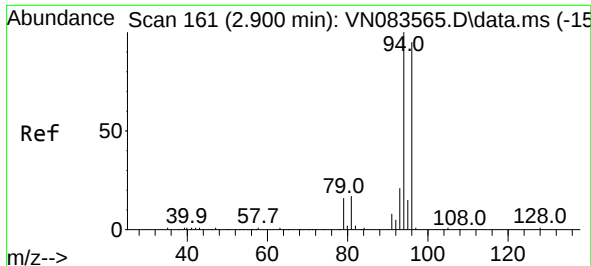
Tgt Ion:168 Resp: 140937
Ion Ratio Lower Upper
168 100
99 67.5 54.2 81.2



#3
Chloromethane
Concen: 0.893 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

Tgt Ion: 50 Resp: 1552
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

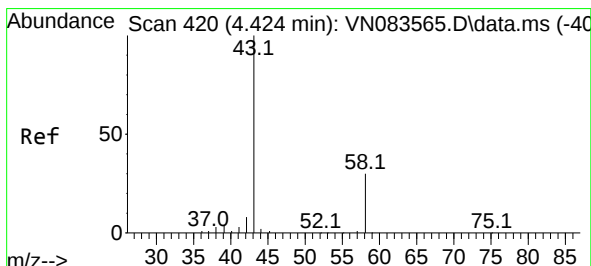
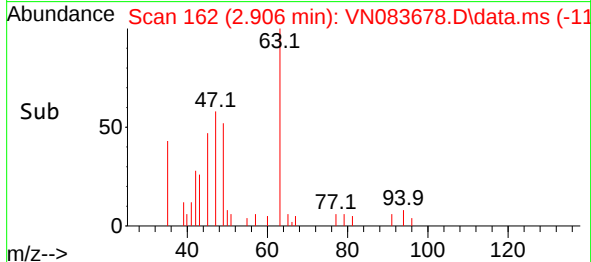
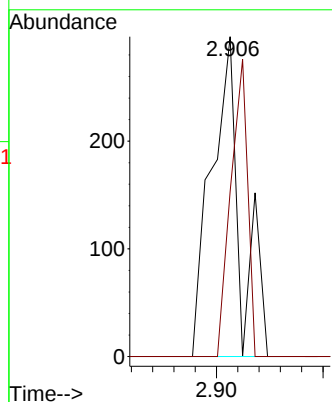
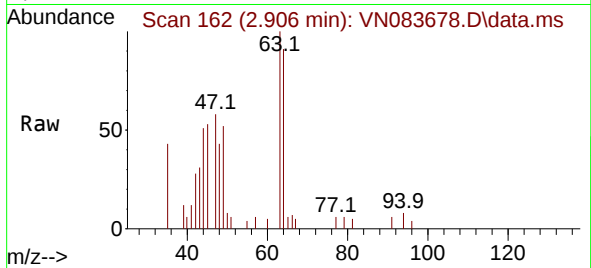




#5
Bromomethane
Concen: 0.307 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

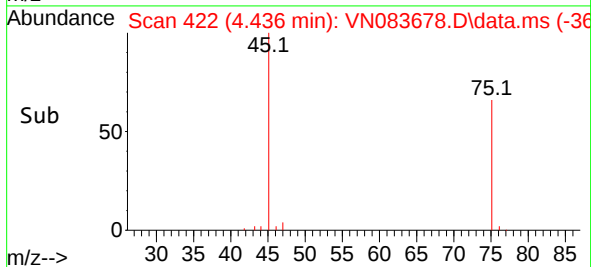
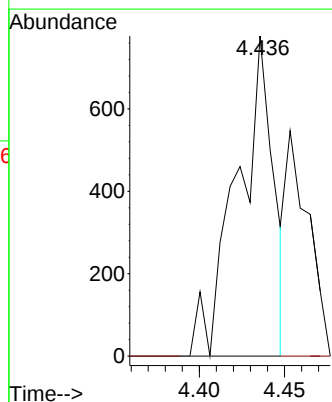
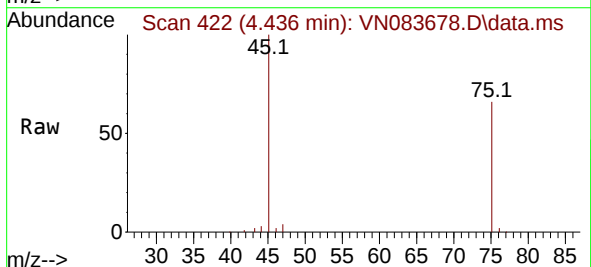
Instrument :
MSVOA_N
ClientSampleId :

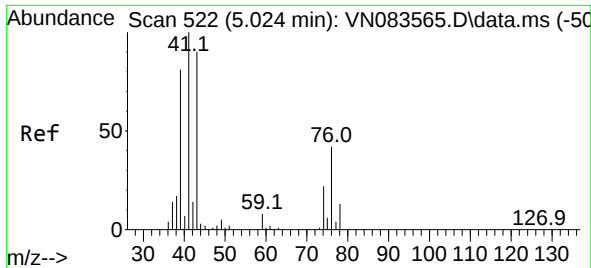
Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 51.5 76.0 114.0#



#16
Acetone
Concen: 1.469 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

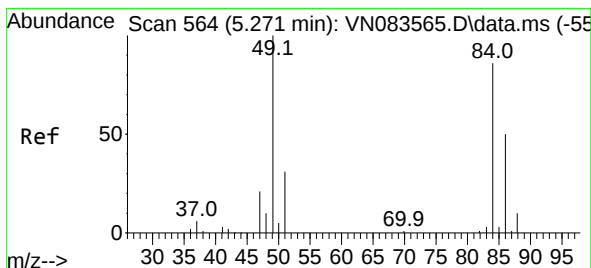
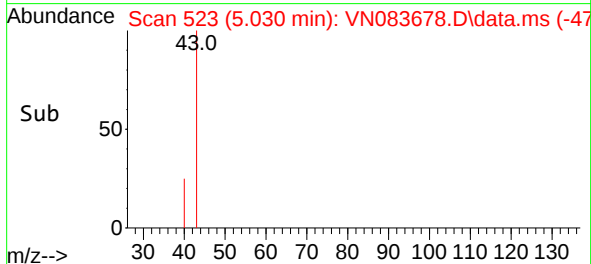
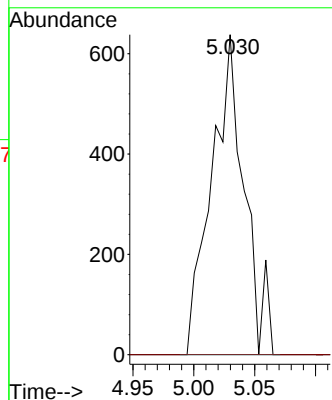
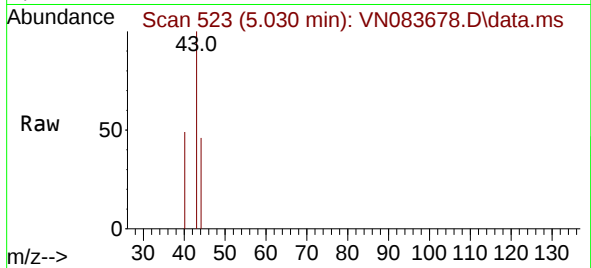




#18
Methyl Acetate
Concen: 0.573 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

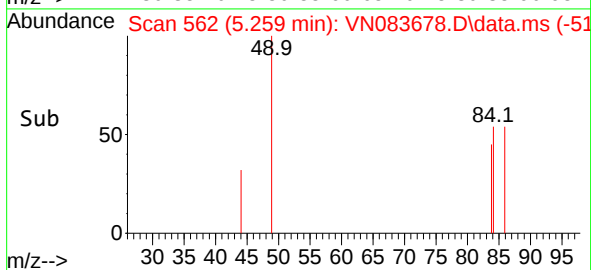
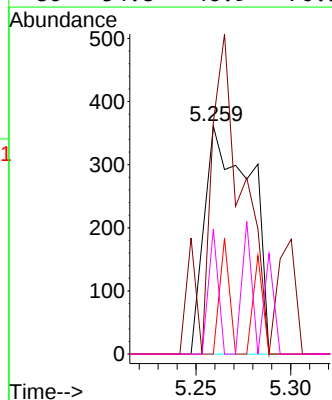
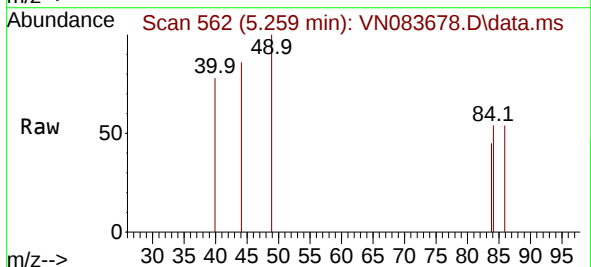
Instrument :
MSVOA_N
ClientSampleId :

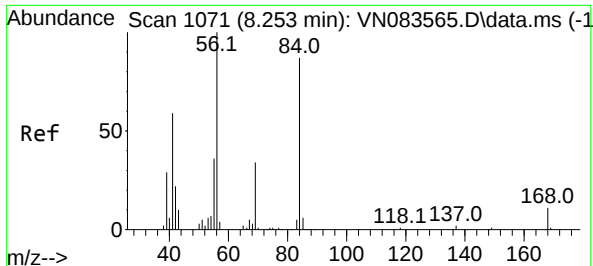
Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#20
Methylene Chloride
Concen: 0.348 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

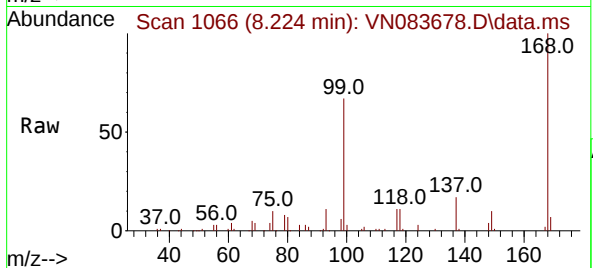
Tgt Ion: 84 Resp: 603
Ion Ratio Lower Upper
84 100
49 101.7 93.4 140.0
51 0.0 29.2 43.8#
86 54.8 46.9 70.3



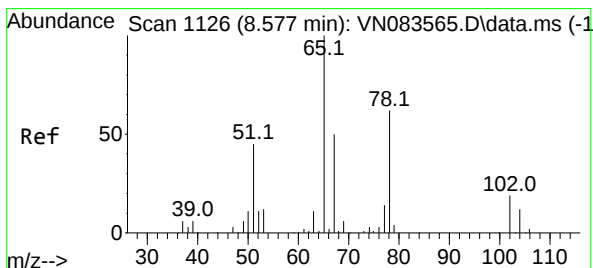
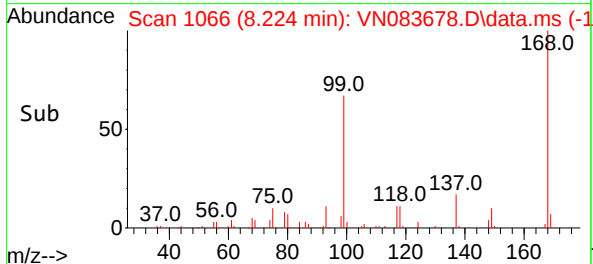
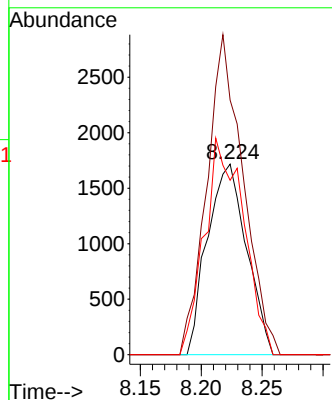


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

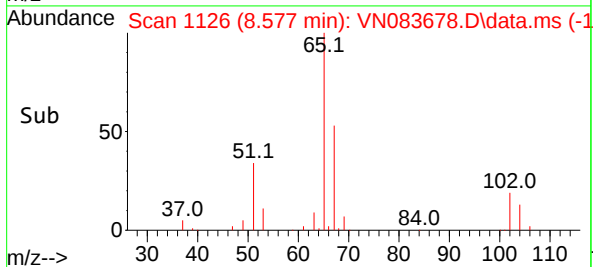
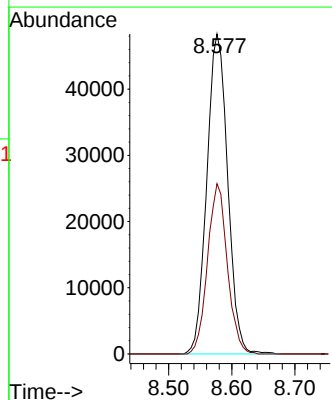
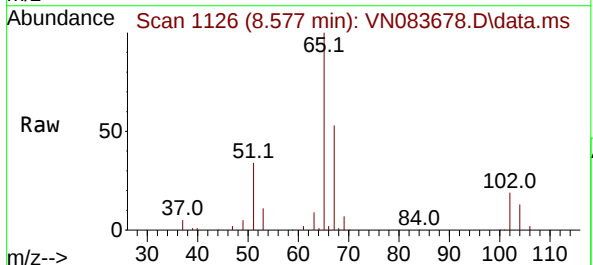


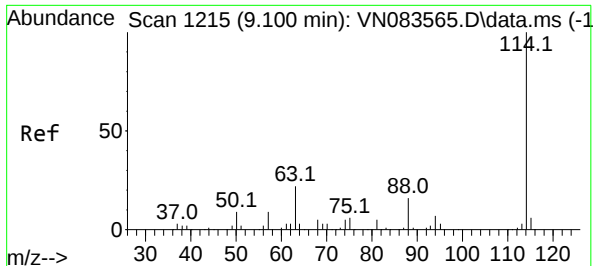
Tgt Ion: 56 Resp: 3845
Ion Ratio Lower Upper
56 100
69 133.5 26.9 40.3#
84 91.5 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 56.282 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

Tgt Ion: 65 Resp: 110861
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

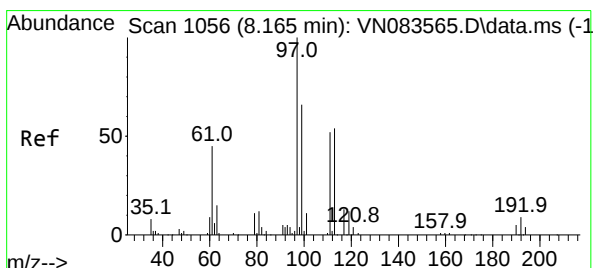
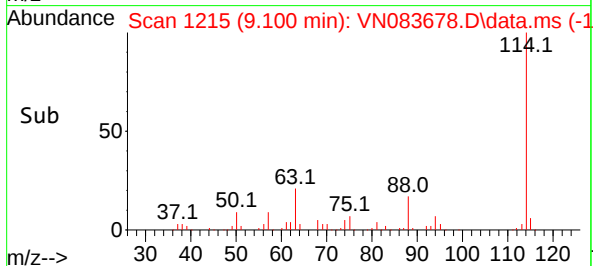
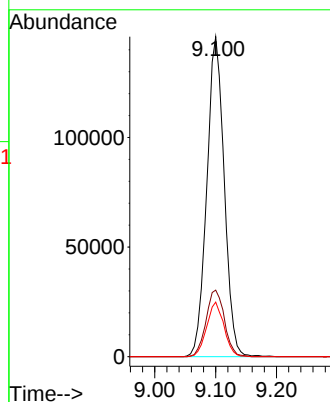
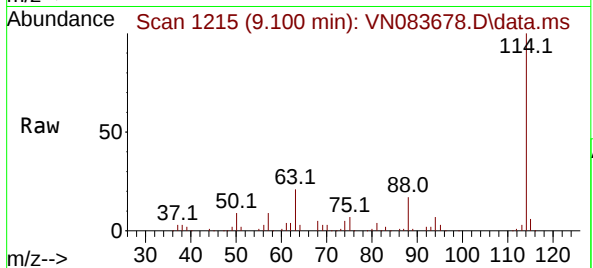




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

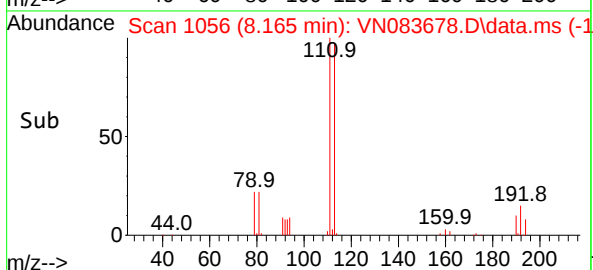
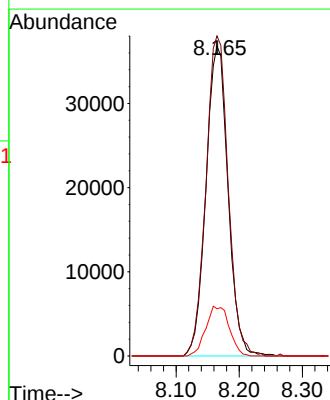
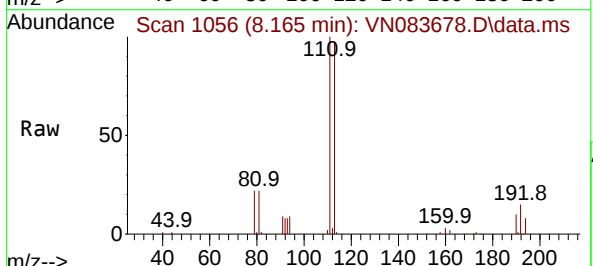
Instrument :
MSVOA_N
ClientSampleId :

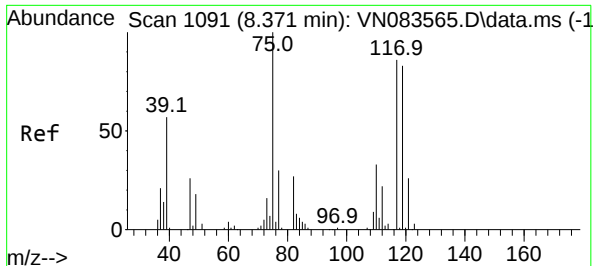
Tgt Ion:114 Resp: 289958
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 17.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.022 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

Tgt Ion:113 Resp: 89044
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 17.1 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.864 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083678.D

Acq: 05 Sep 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

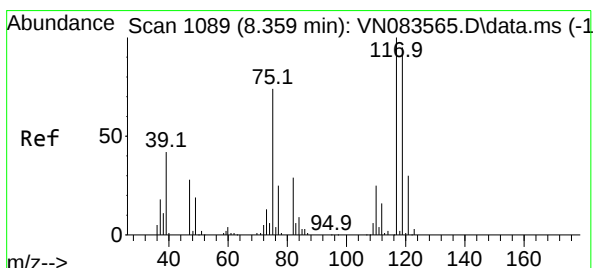
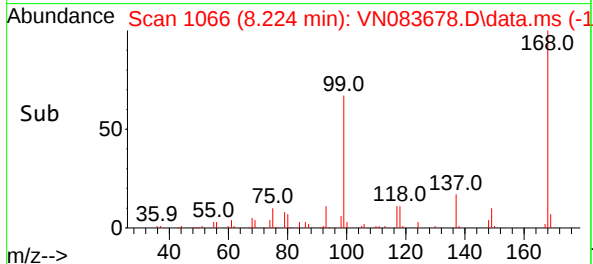
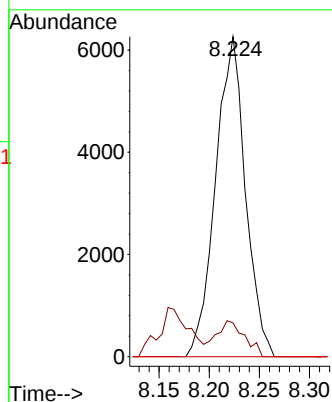
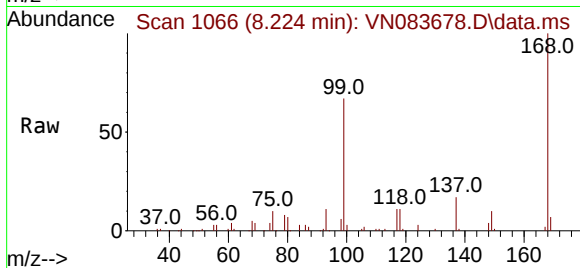
Tgt Ion: 75 Resp: 12949

Ion Ratio Lower Upper

75 100

110 10.7 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.263 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083678.D

Acq: 05 Sep 2024 16:14

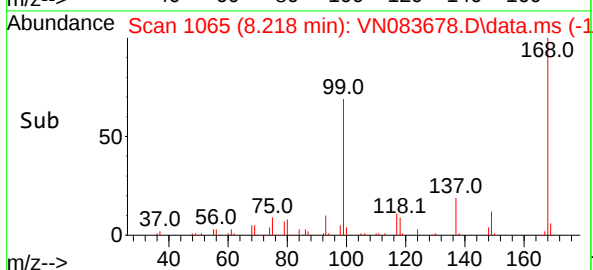
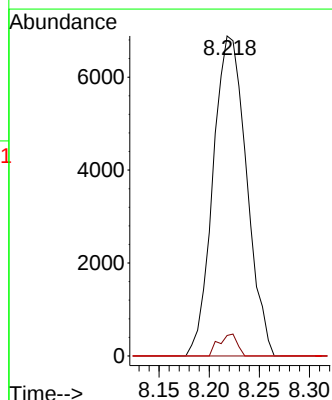
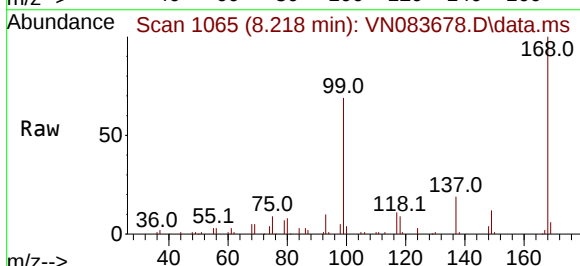
Tgt Ion: 117 Resp: 15984

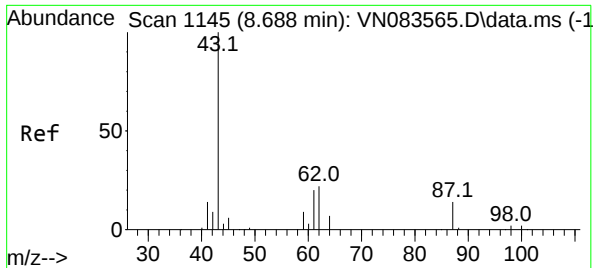
Ion Ratio Lower Upper

117 100

119 6.4 76.1 114.1#

121 0.0 24.1 36.1#

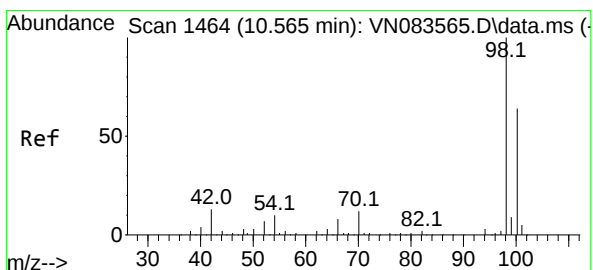
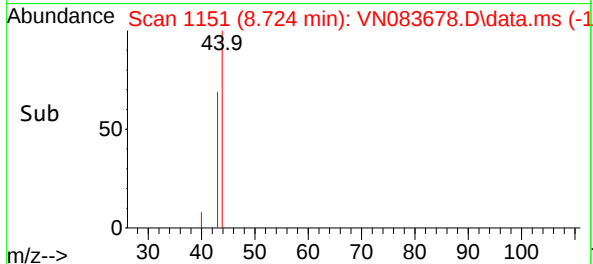
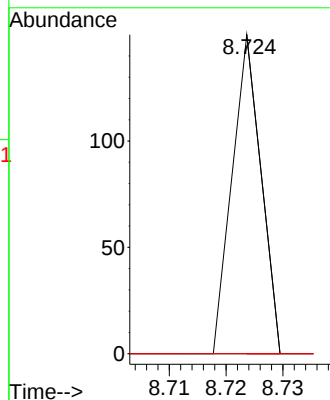
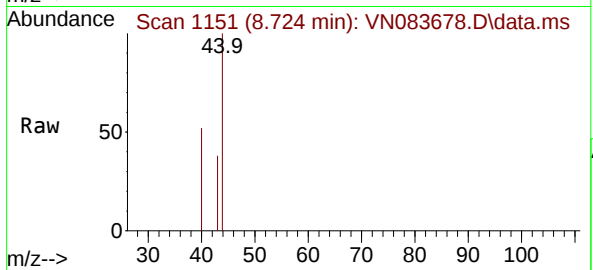




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.724 min Scan# 1145
Delta R.T. 0.036 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

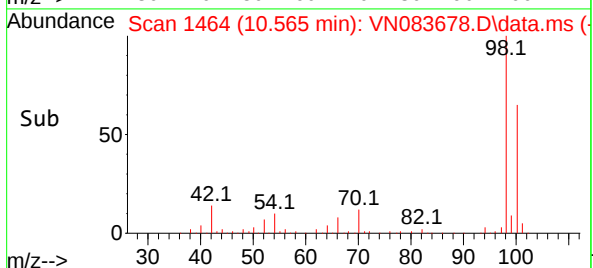
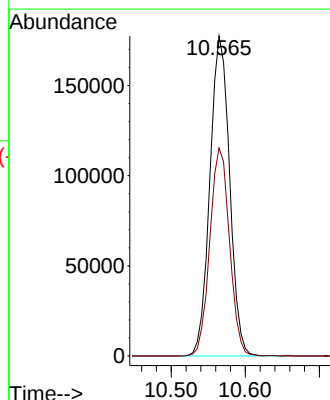
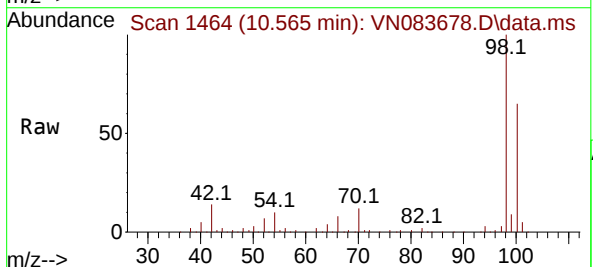
Instrument :
MSVOA_N
ClientSampleId :

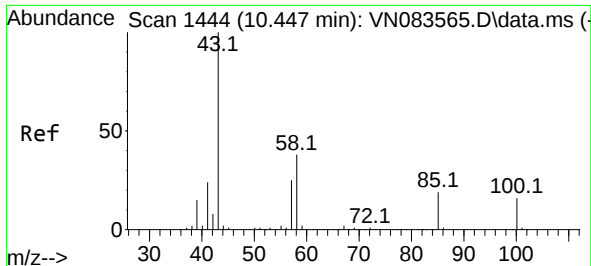
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 48.196 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

Tgt Ion: 98 Resp: 327633
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.607 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083678.D

Acq: 05 Sep 2024 16:14

Instrument :

MSVOA_N

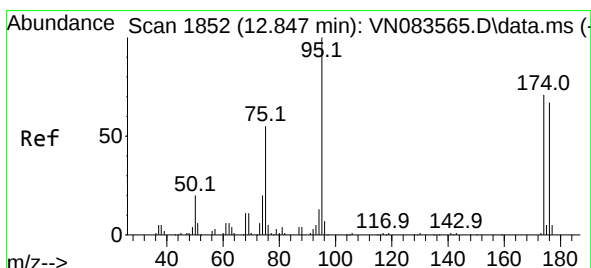
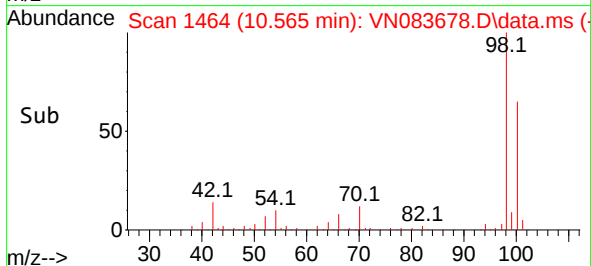
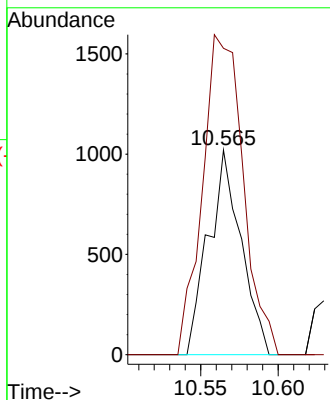
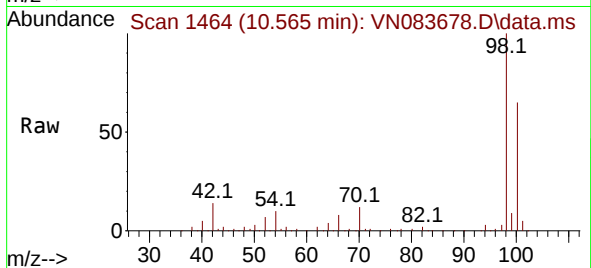
ClientSampleId :

Tgt Ion: 43 Resp: 1494

Ion Ratio Lower Upper

43 100

58 194.7 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 60.476 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083678.D

Acq: 05 Sep 2024 16:14

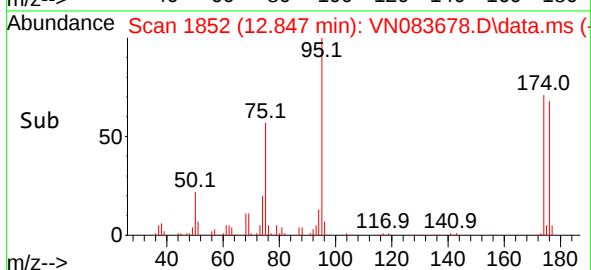
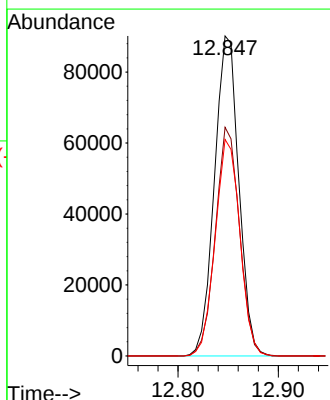
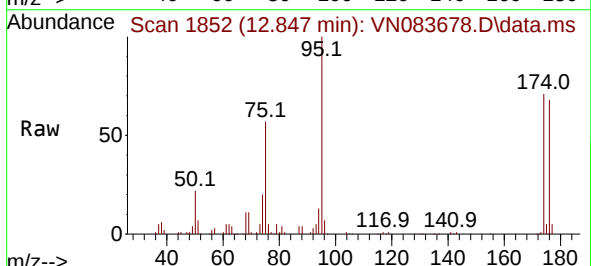
Tgt Ion: 95 Resp: 152253

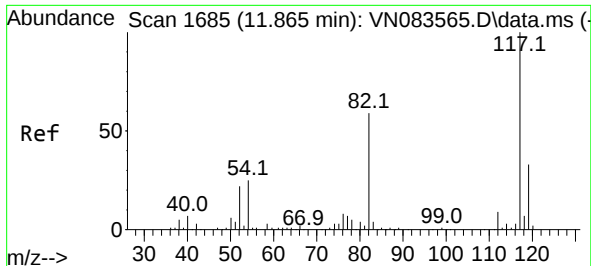
Ion Ratio Lower Upper

95 100

174 70.7 0.0 139.8

176 68.5 0.0 131.4

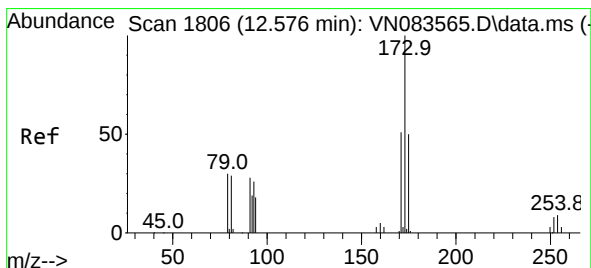
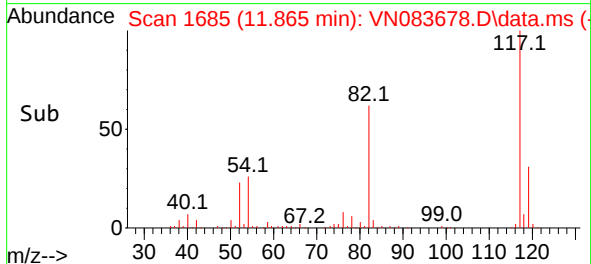
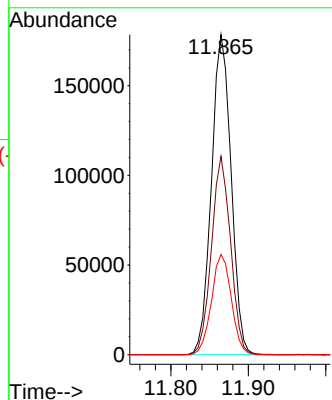
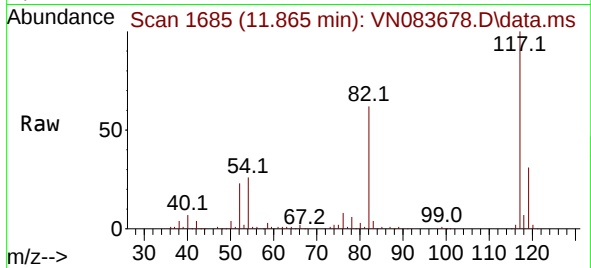




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

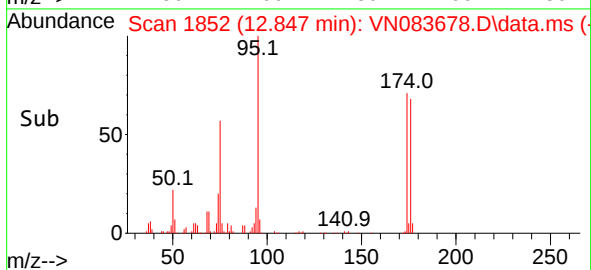
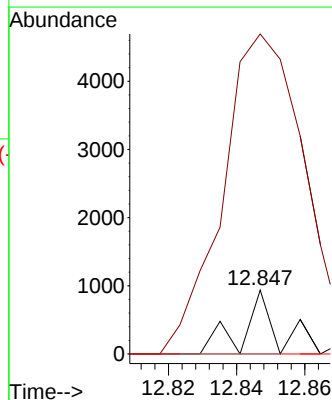
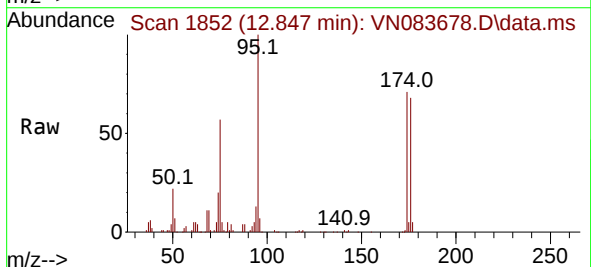
Instrument :
MSVOA_N
ClientSampleId :

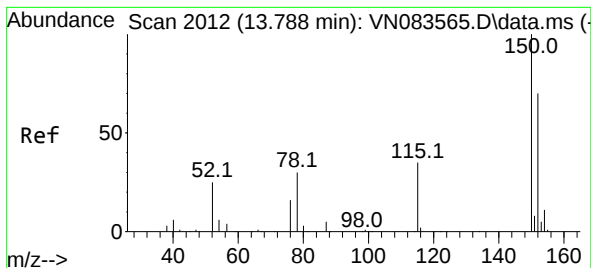
Tgt Ion:117 Resp: 314331
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.0
119 31.3 26.3 39.5



#71
Bromoform
Concen: 0.295 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

Tgt Ion:173 Resp: 500
Ion Ratio Lower Upper
173 100
175 1186.6 24.1 72.2#
254 0.0 0.0 0.0

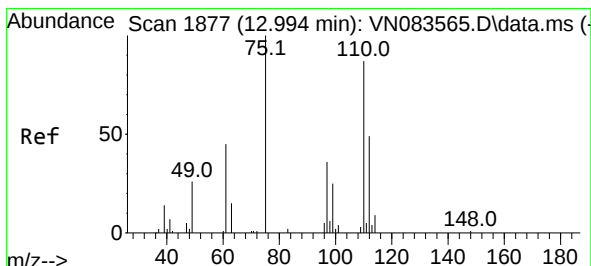
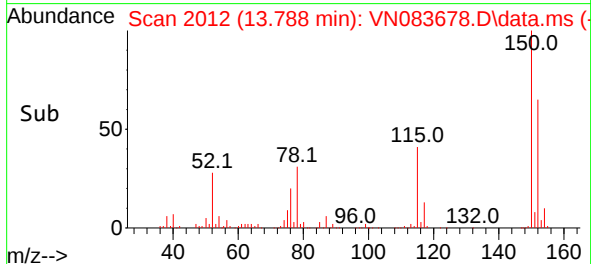
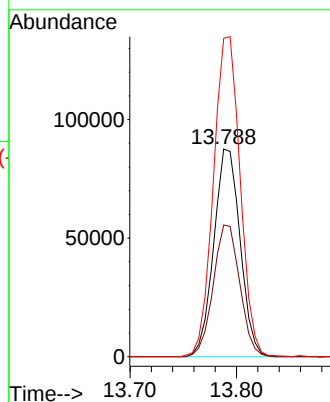
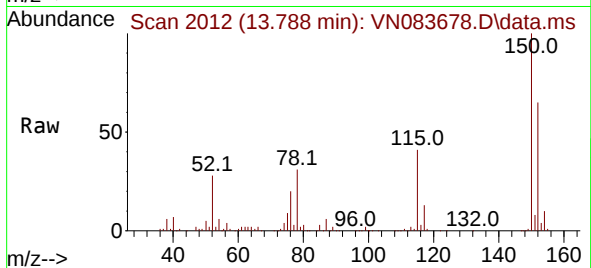




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

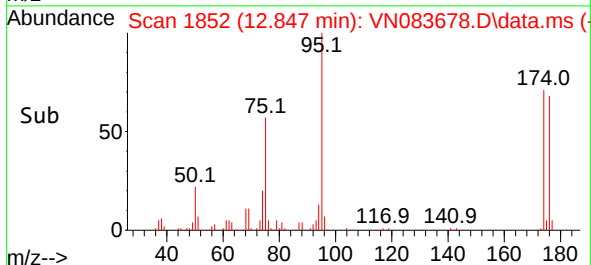
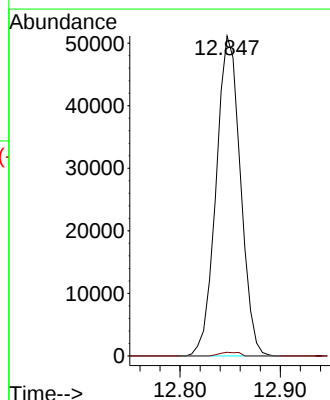
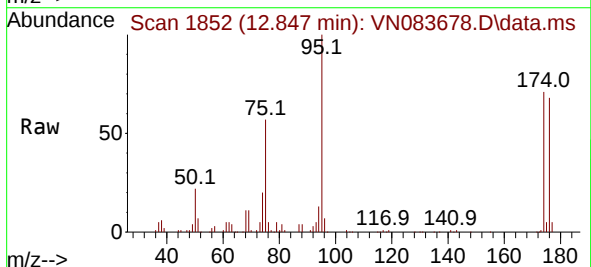
Instrument :
MSVOA_N
ClientSampleId :

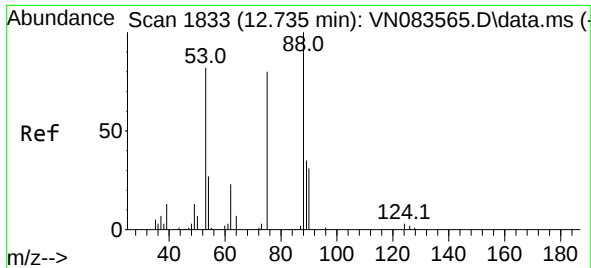
Tgt Ion:152 Resp: 150359
Ion Ratio Lower Upper
152 100
115 63.8 32.2 96.6
150 156.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.400 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

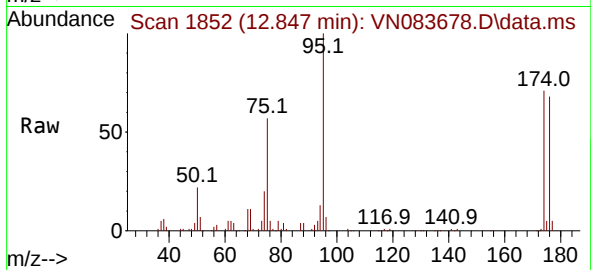
Tgt Ion: 75 Resp: 86216
Ion Ratio Lower Upper
75 100
77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.985 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083678.D
Acq: 05 Sep 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 86216
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

