

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084113.D
 Acq On : 23 Sep 2024 16:41
 Operator : JC\MD
 Sample : P4003-11DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 01:34:25 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)

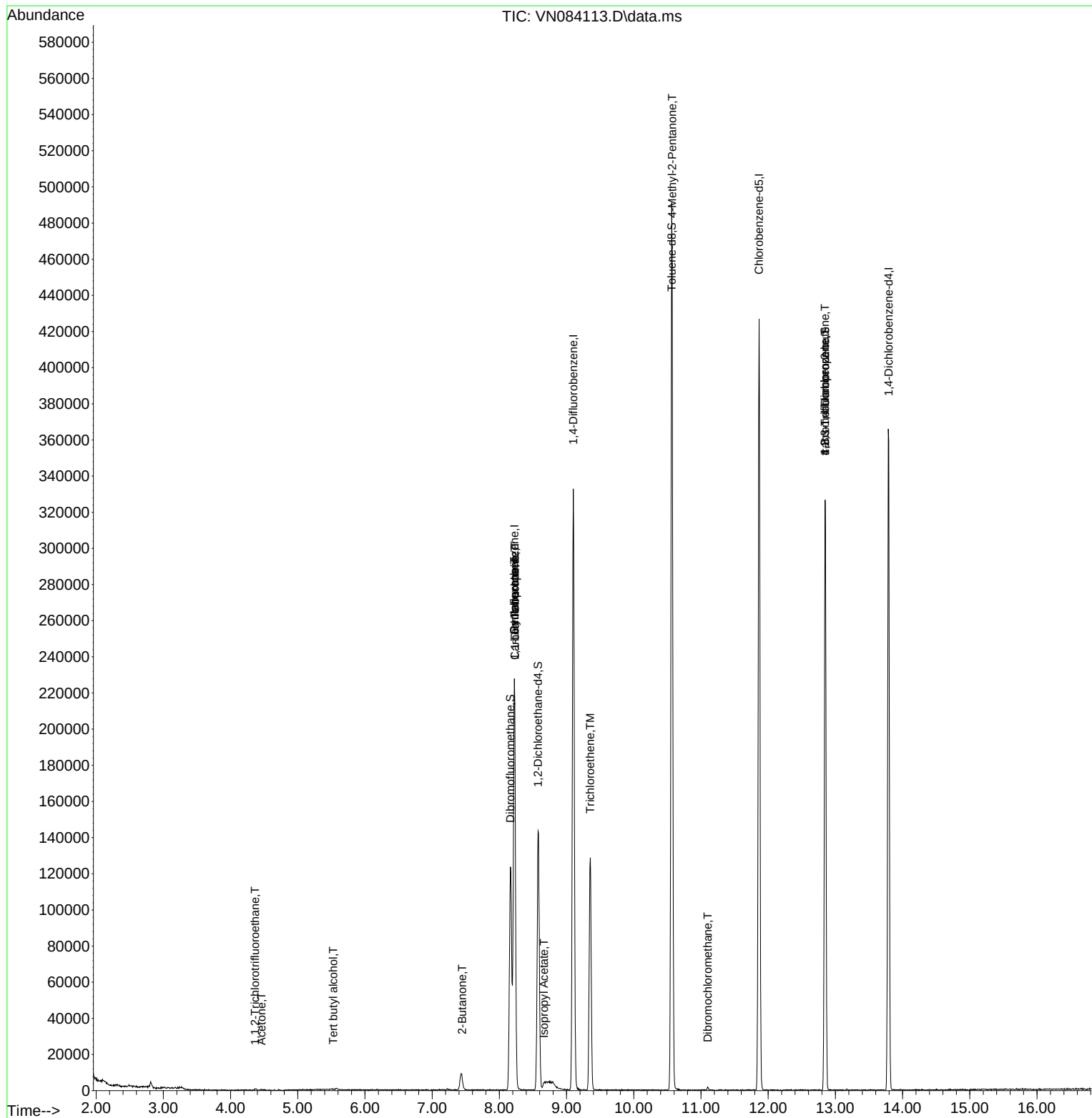
Internal Standards						
1) Pentafluorobenzene	8.224	168	154390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121684	52.270	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.540%		
35) Dibromofluoromethane	8.165	113	88765	50.957	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.920%		
50) Toluene-d8	10.565	98	329338	54.689	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.380%		
62) 4-Bromofluorobenzene	12.847	95	113646	45.741	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	60	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.365	101	556	0.314	ug/l #	60
11) Tert butyl alcohol	5.530	59	104	0.334	ug/l #	71
16) Acetone	4.459	43	476	0.510	ug/l #	45
18) Methyl Acetate	5.036	43	79	Below Cal	#	52
25) 2-Butanone	7.447	43	251	0.205	ug/l #	49
31) Cyclohexane	8.224	56	3951	1.174	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	14090	5.374	ug/l #	51
38) Carbon Tetrachloride	8.230	117	17916	6.023	ug/l #	15
43) Isopropyl Acetate	8.665	43	2220	0.515	ug/l #	57
44) Trichloroethene	9.353	130	45710	25.013	ug/l	92
51) 4-Methyl-2-Pentanone	10.571	43	1677	0.714	ug/l #	1
60) Dibromochloromethane	11.100	129	479	0.238	ug/l #	10
76) 1,2,3-Trichloropropane	12.847	75	63396	33.648	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63396	88.127	ug/l #	9

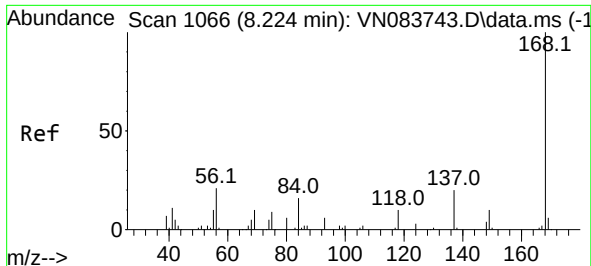
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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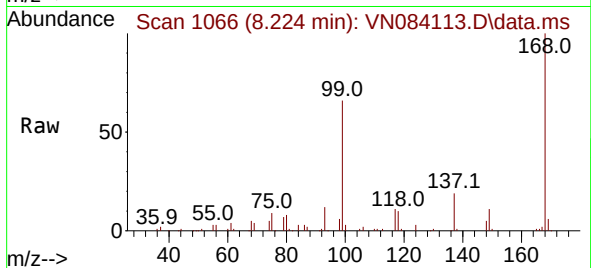
Quant Time: Sep 24 01:34:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



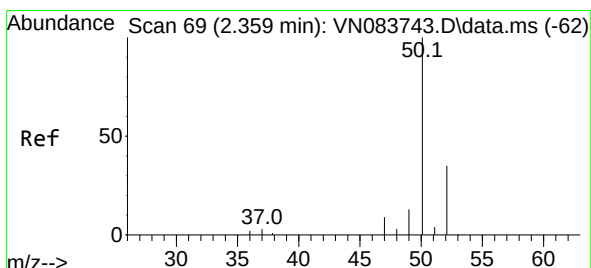
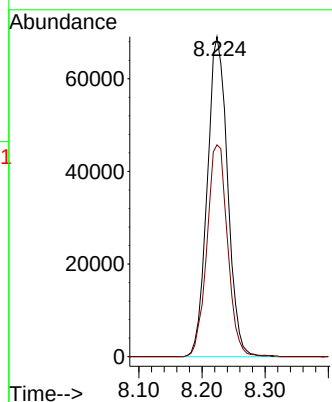
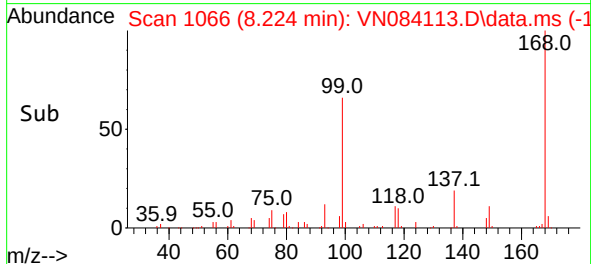


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

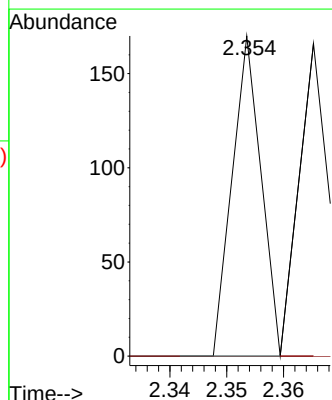
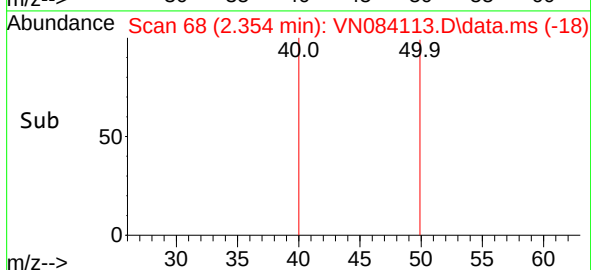
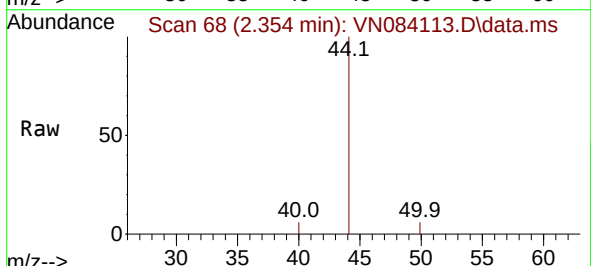


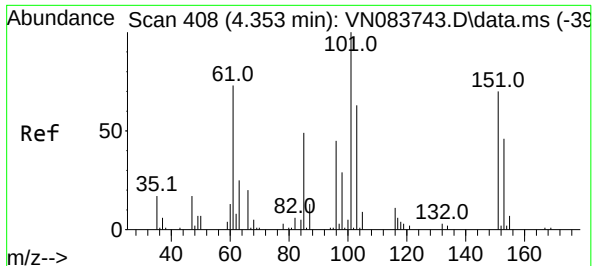
Tgt Ion:168 Resp: 154390
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

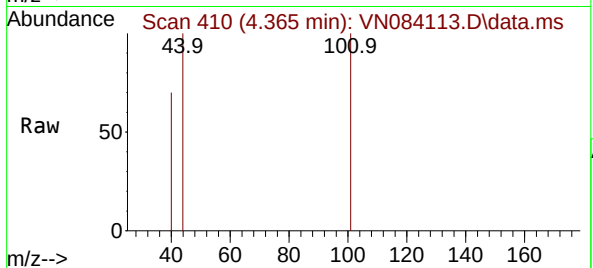
Tgt Ion: 50 Resp: 60
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



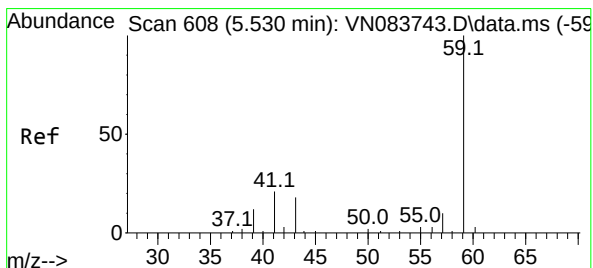
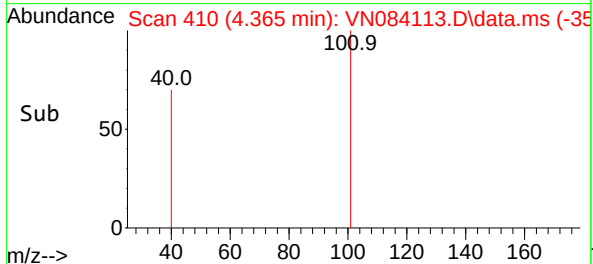
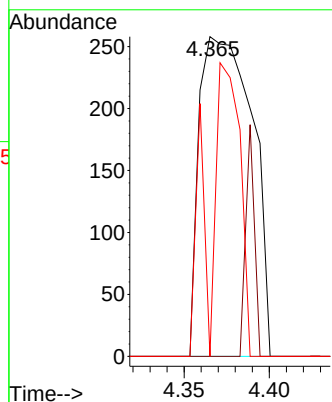


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.314 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

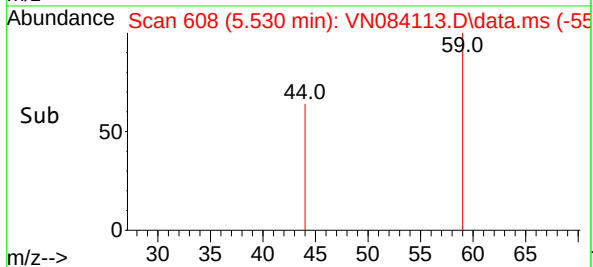
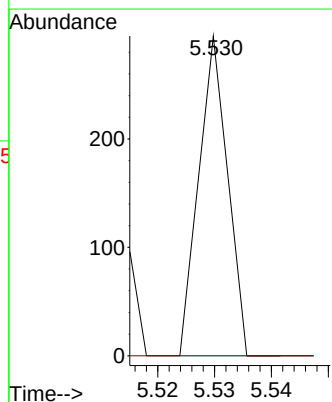
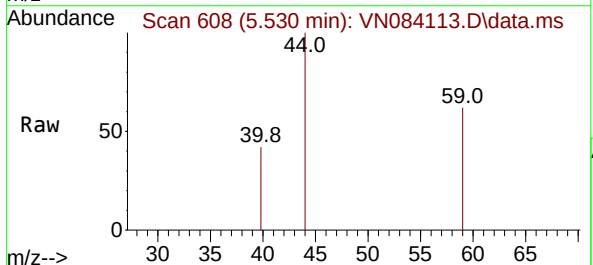


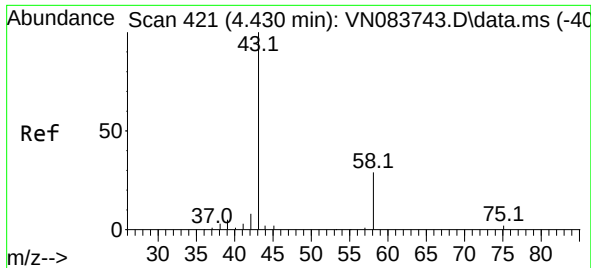
Tgt Ion:101 Resp: 556
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 54.0 57.7 86.5#



#11
Tert butyl alcohol
Concen: 0.334 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Tgt Ion: 59 Resp: 104
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

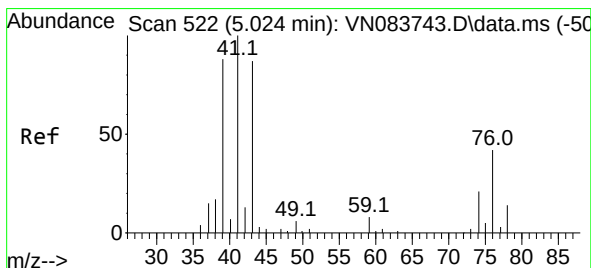
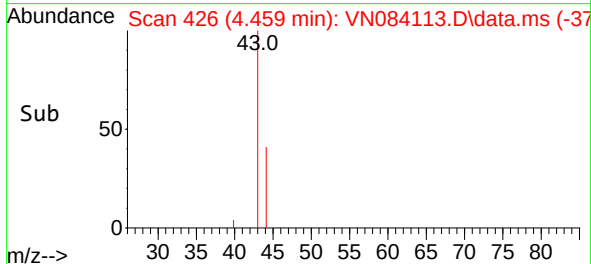
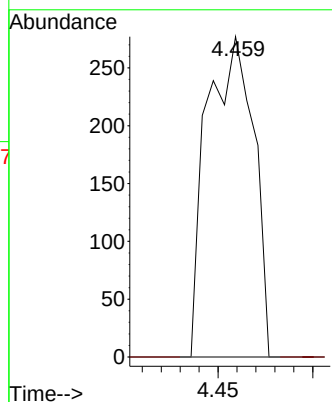
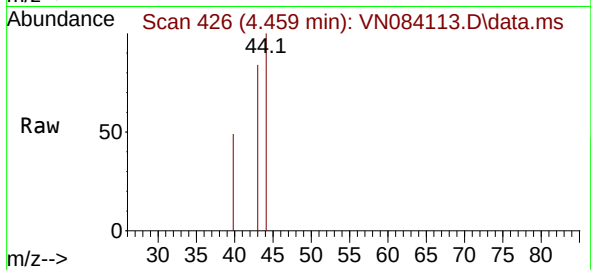




#16
Acetone
Concen: 0.510 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

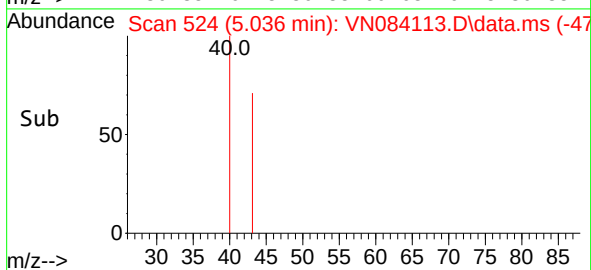
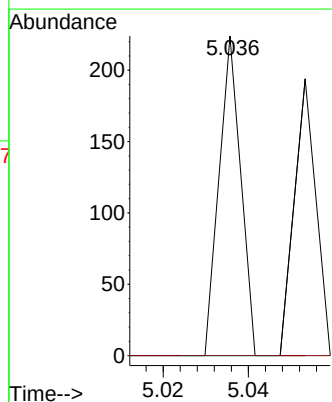
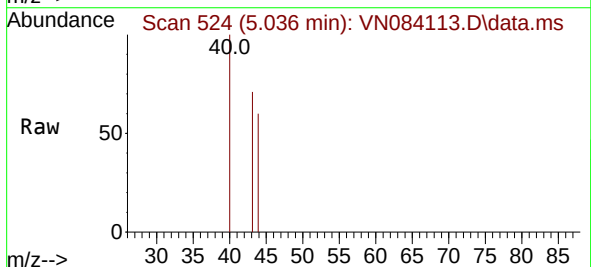
Instrument :
MSVOA_N
ClientSampleId :

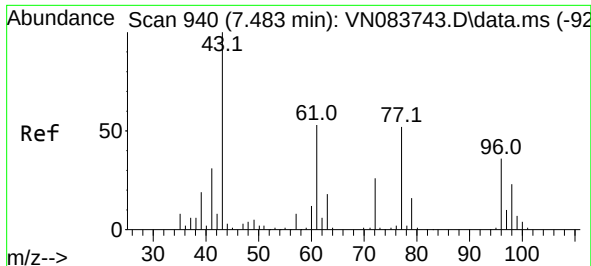
Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

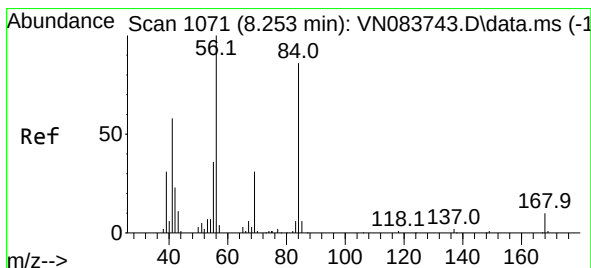
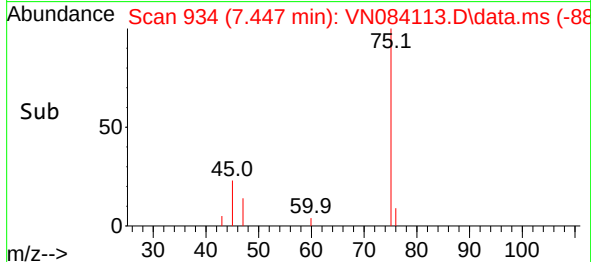
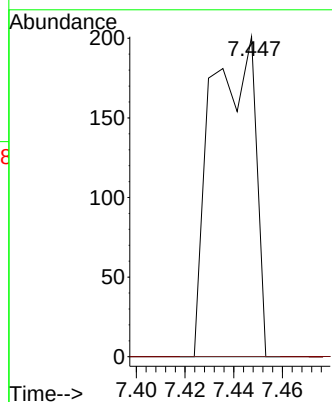
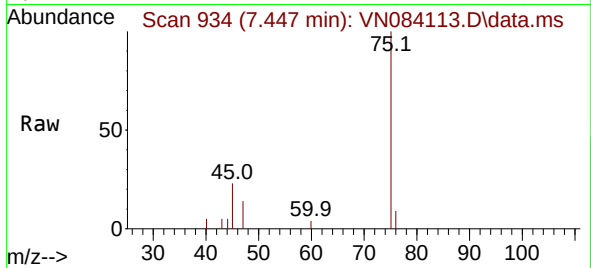




#25
2-Butanone
Concen: 0.205 ug/l
RT: 7.447 min Scan# 91
Delta R.T. -0.035 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

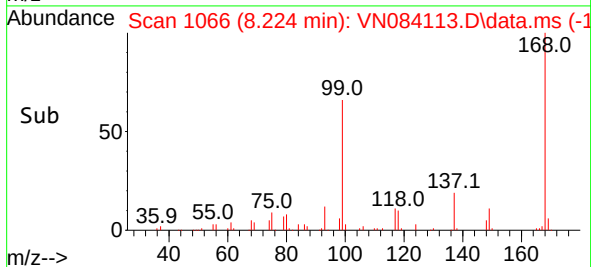
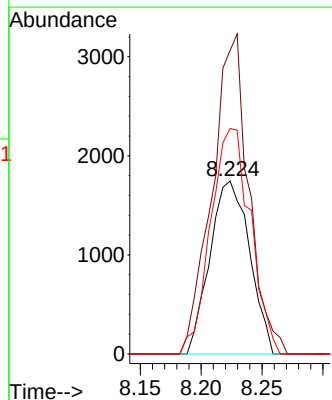
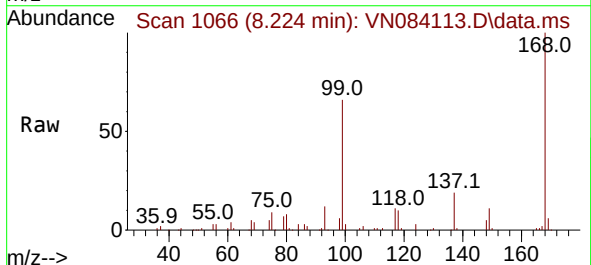
Instrument :
MSVOA_N
ClientSampleId :

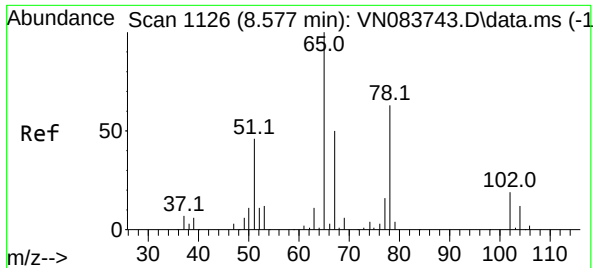
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Tgt Ion: 56 Resp: 3951
Ion Ratio Lower Upper
56 100
69 175.5 26.9 40.3#
84 130.3 69.2 103.8#

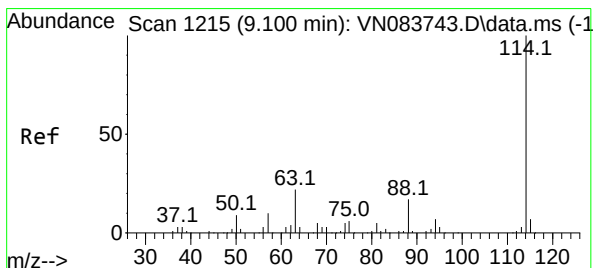
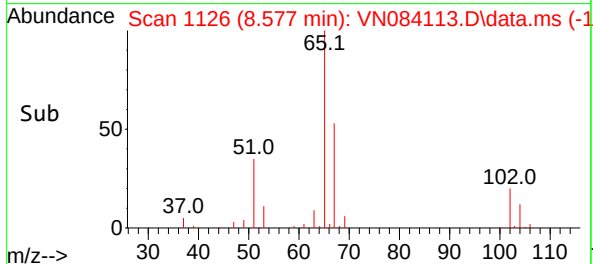
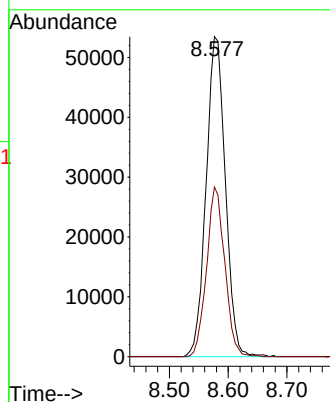
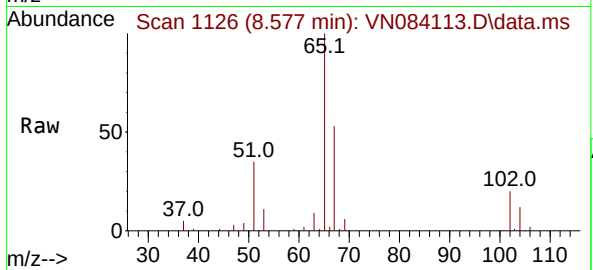




#33
 1,2-Dichloroethane-d4
 Concen: 52.270 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084113.D
 Acq: 23 Sep 2024 16:41

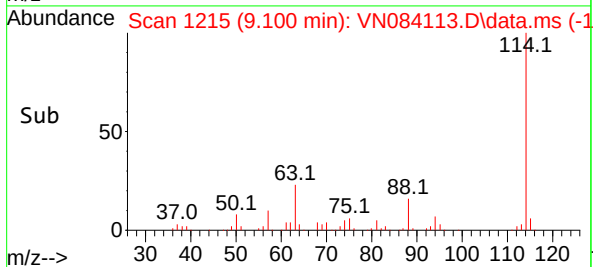
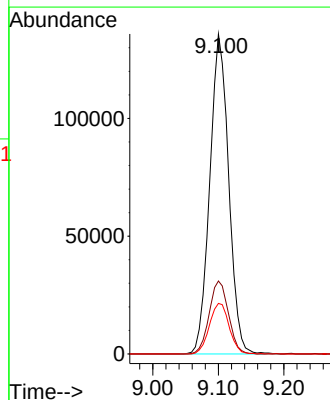
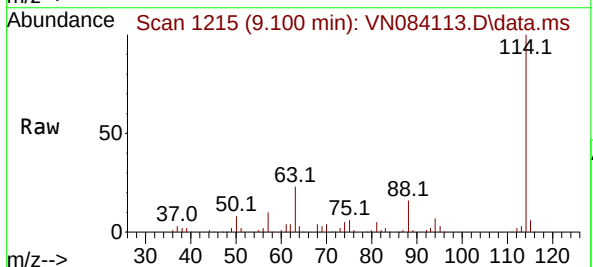
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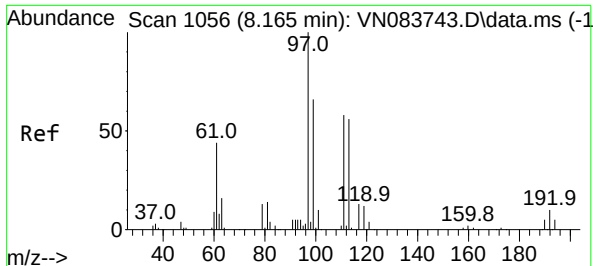
Tgt Ion: 65 Resp: 121684
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084113.D
 Acq: 23 Sep 2024 16:41

Tgt Ion: 114 Resp: 272101
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.4
 88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.957 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084113.D

Acq: 23 Sep 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

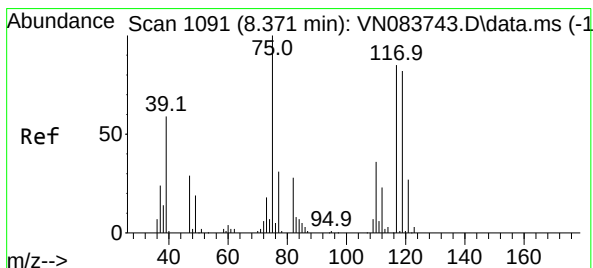
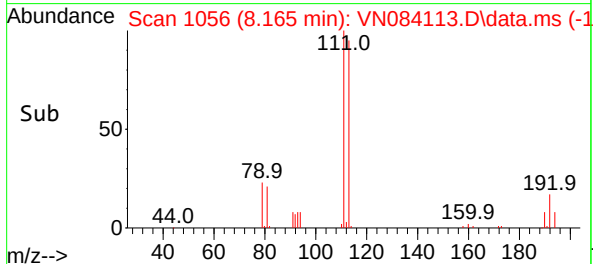
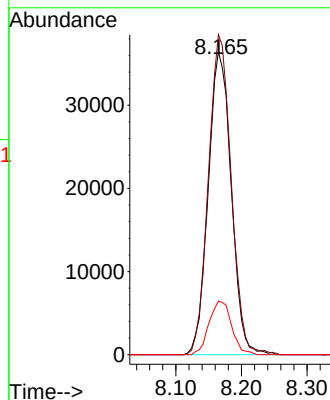
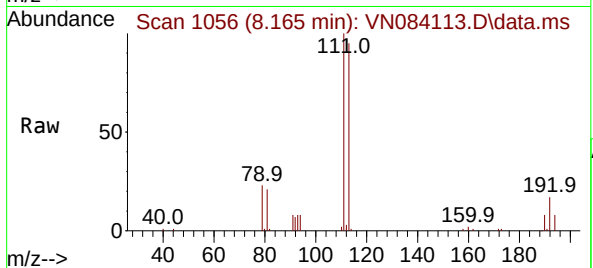
Tgt Ion:113 Resp: 88765

Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.374 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN084113.D

Acq: 23 Sep 2024 16:41

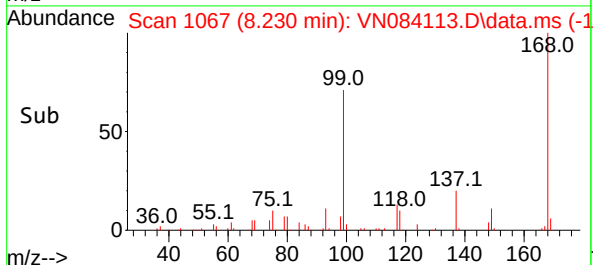
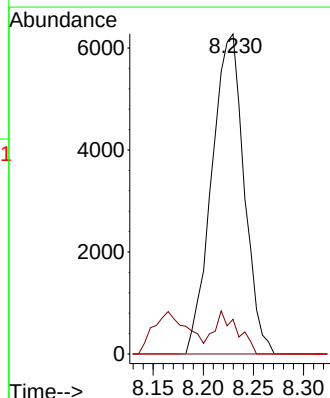
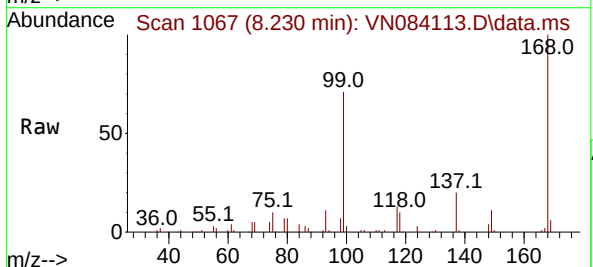
Tgt Ion: 75 Resp: 14090

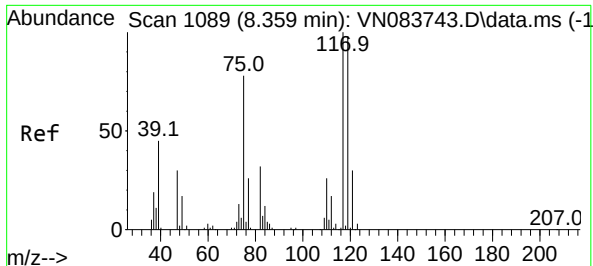
Ion Ratio Lower Upper

75 100

110 9.8 16.7 50.1#

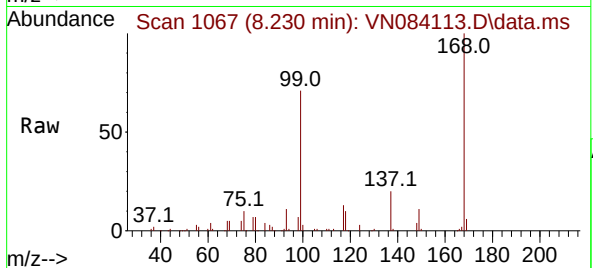
77 0.0 25.2 37.8#



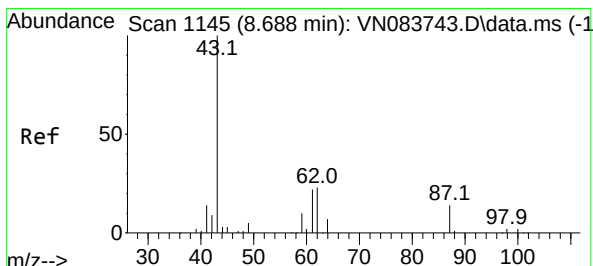
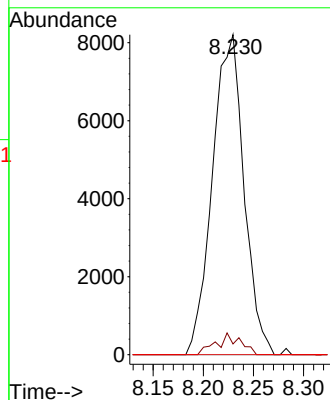
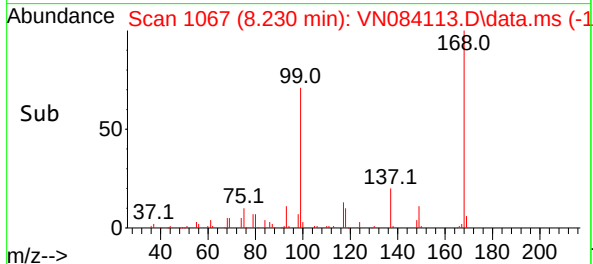


#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

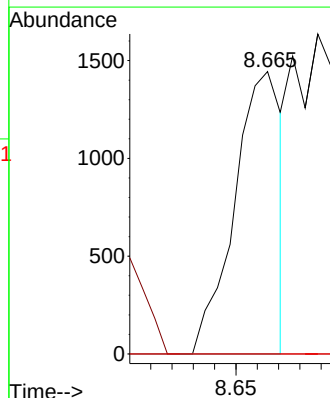
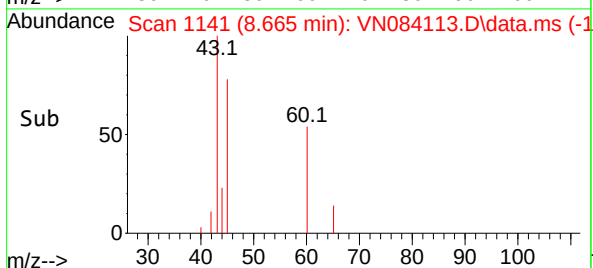
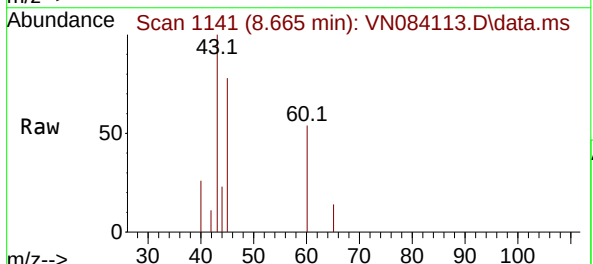


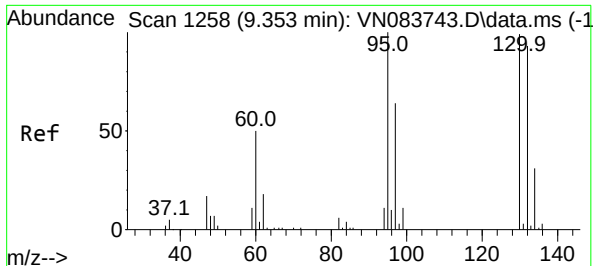
Tgt Ion:117 Resp: 17916
Ion Ratio Lower Upper
117 100
119 3.4 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.515 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

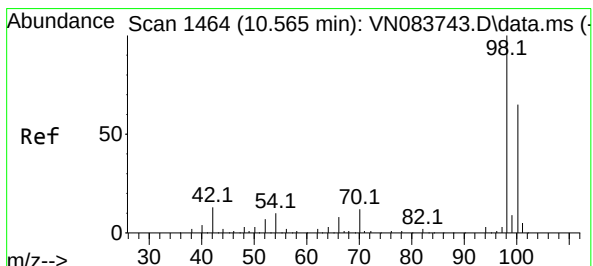
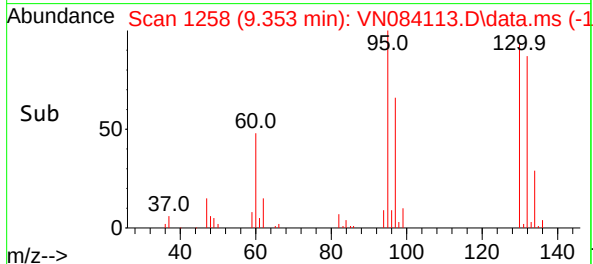
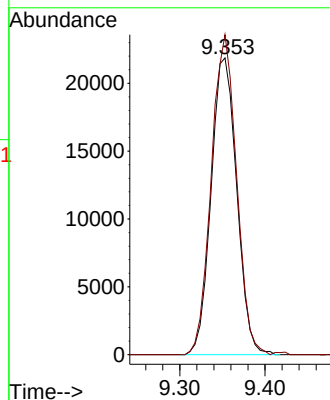
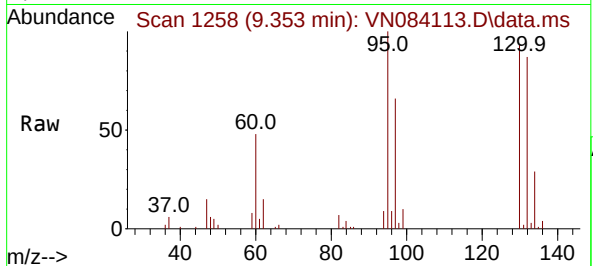




#44
Trichloroethene
Concen: 25.013 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

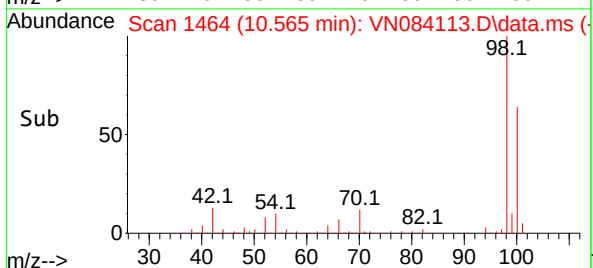
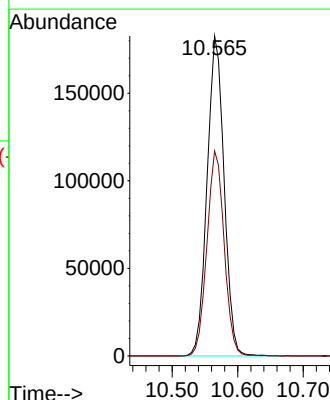
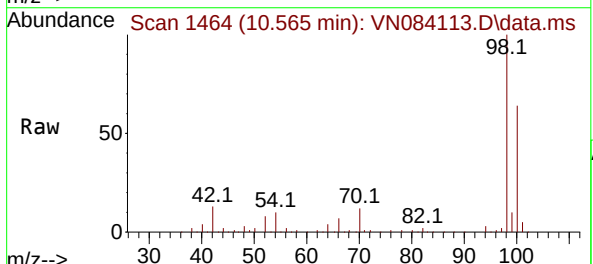
Instrument :
MSVOA_N
ClientSampleId :

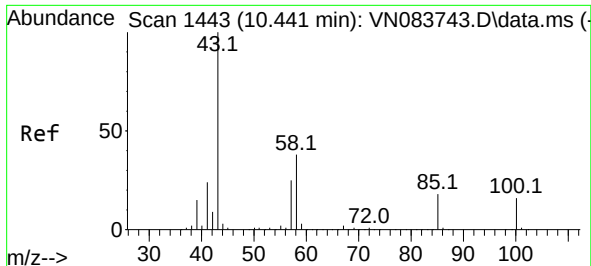
Tgt Ion:130 Resp: 45710
Ion Ratio Lower Upper
130 100
95 107.8 0.0 200.4



#50
Toluene-d8
Concen: 54.689 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Tgt Ion: 98 Resp: 329338
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

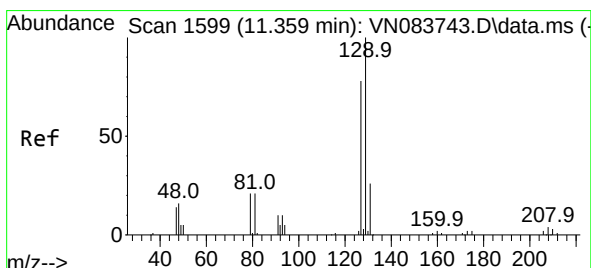
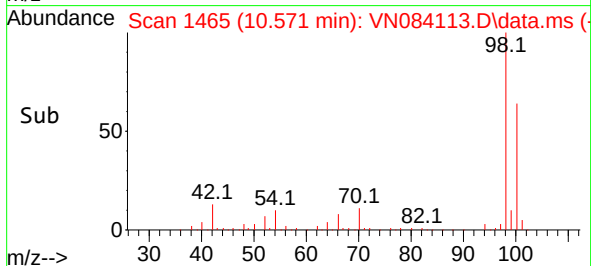
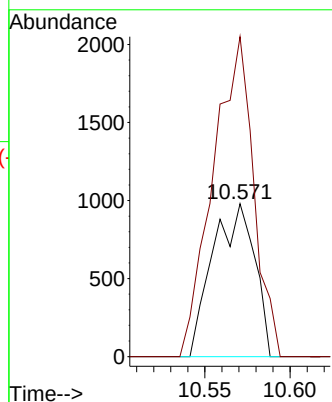
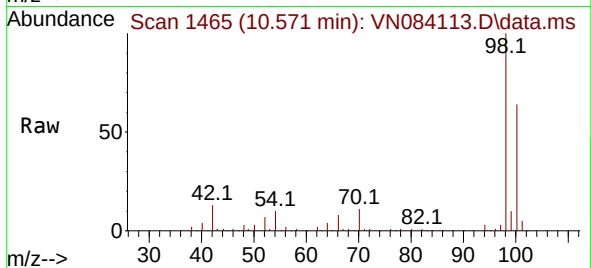




#51
4-Methyl-2-Pentanone
Concen: 0.714 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.129 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

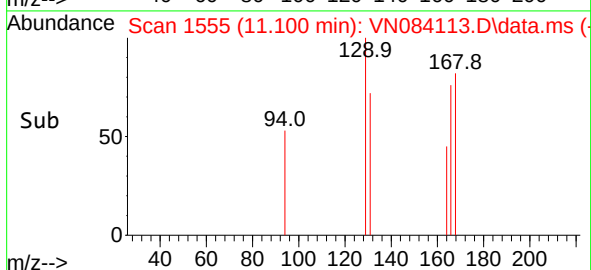
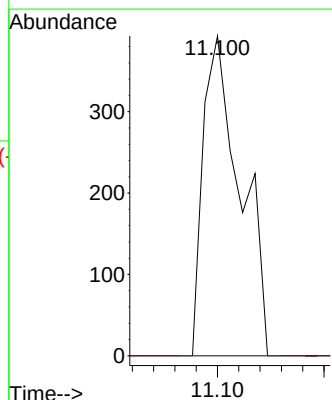
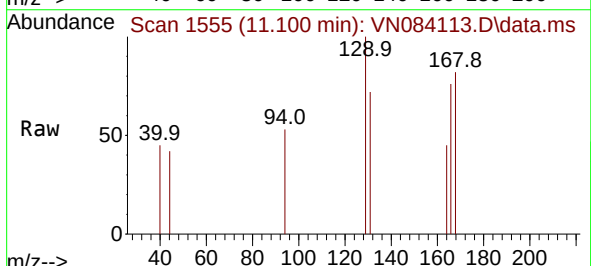
Instrument :
MSVOA_N
ClientSampleId :

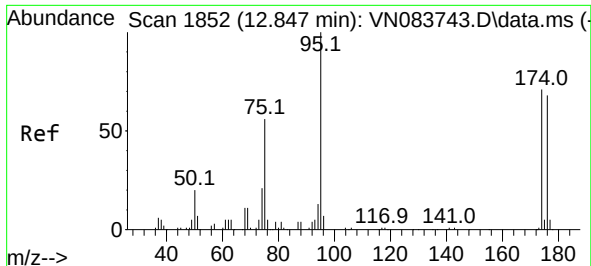
Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
58 202.0 31.6 47.4#



#60
Dibromochloromethane
Concen: 0.238 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.259 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Tgt Ion: 129 Resp: 479
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#





#62

4-Bromofluorobenzene

Concen: 45.741 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084113.D

Acq: 23 Sep 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

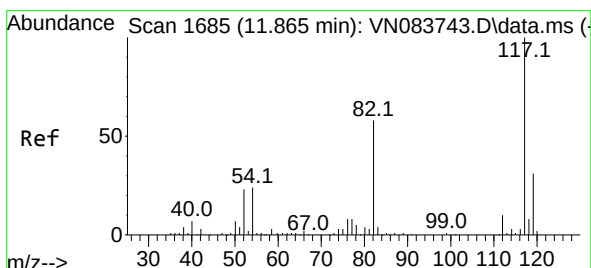
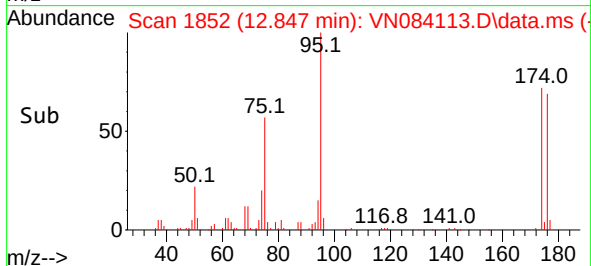
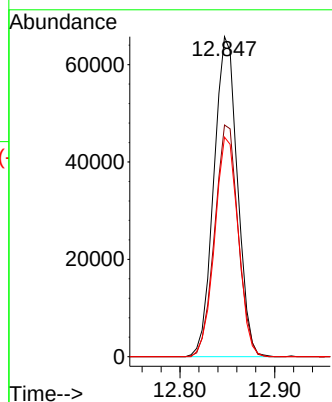
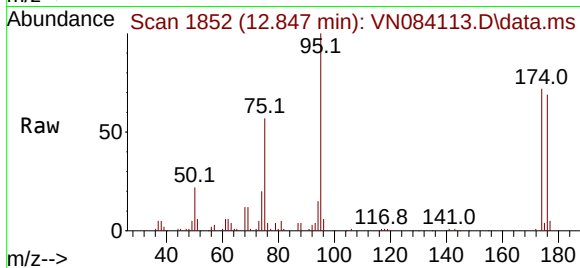
Tgt Ion: 95 Resp: 113646

Ion Ratio Lower Upper

95 100

174 72.2 0.0 139.8

176 68.5 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: VN084113.D

Acq: 23 Sep 2024 16:41

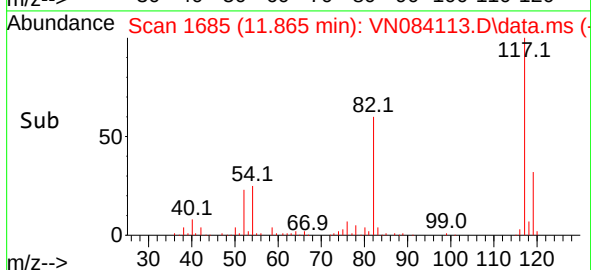
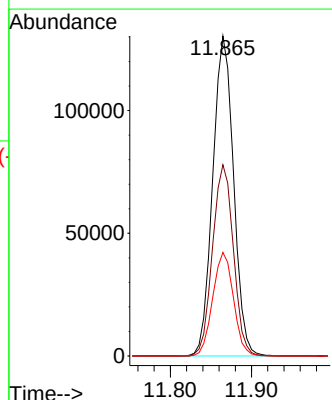
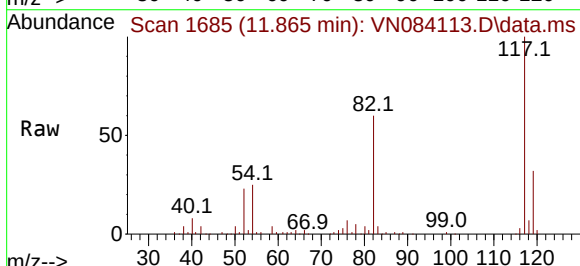
Tgt Ion: 117 Resp: 232580

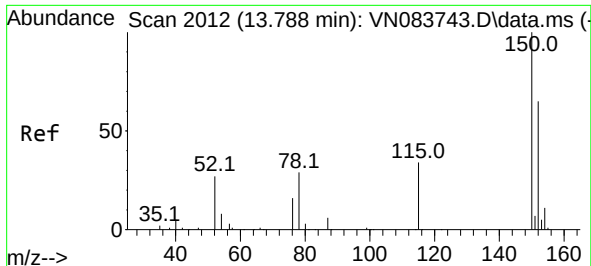
Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.0

119 32.3 26.3 39.5

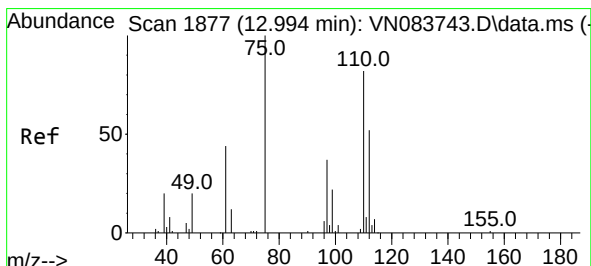
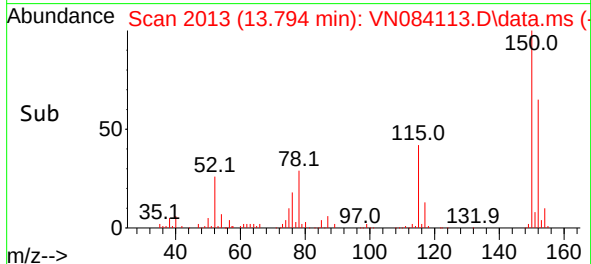
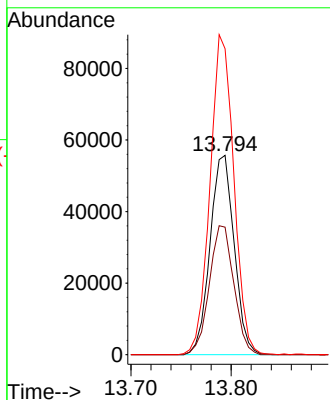
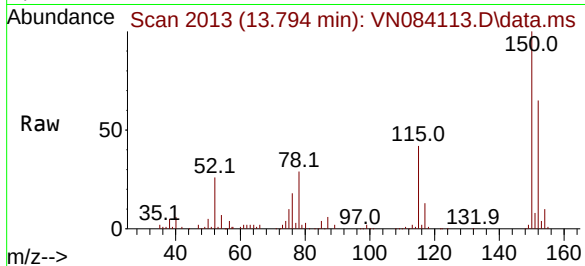




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084113.D
 Acq: 23 Sep 2024 16:41

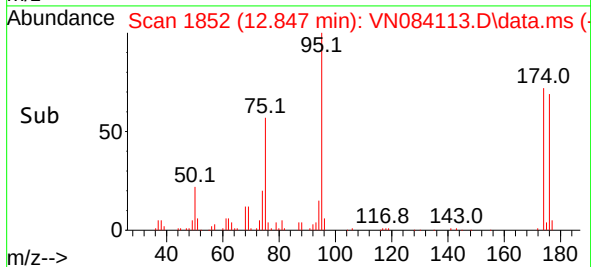
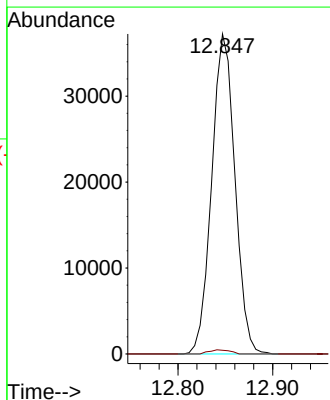
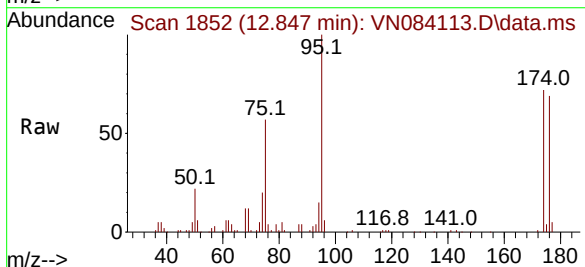
Instrument :
 MSVOA_N
 ClientSampleId :

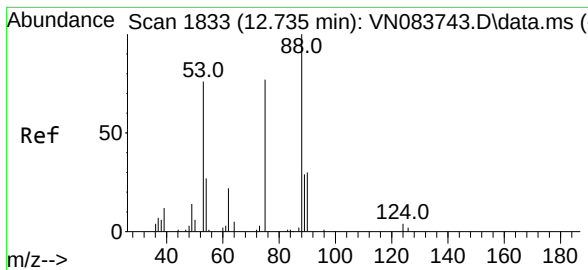
Tgt Ion:152 Resp: 93373
 Ion Ratio Lower Upper
 152 100
 115 65.6 32.2 96.6
 150 158.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 33.648 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084113.D
 Acq: 23 Sep 2024 16:41

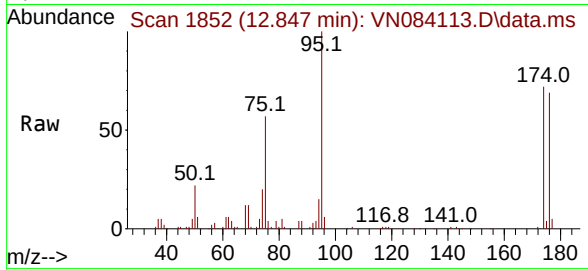
Tgt Ion: 75 Resp: 63396
 Ion Ratio Lower Upper
 75 100
 77 1.2 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.127 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084113.D
Acq: 23 Sep 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 63396
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

