

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084117.D
 Acq On : 23 Sep 2024 18:17
 Operator : JC\MD
 Sample : P4136-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 05:00:04 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)

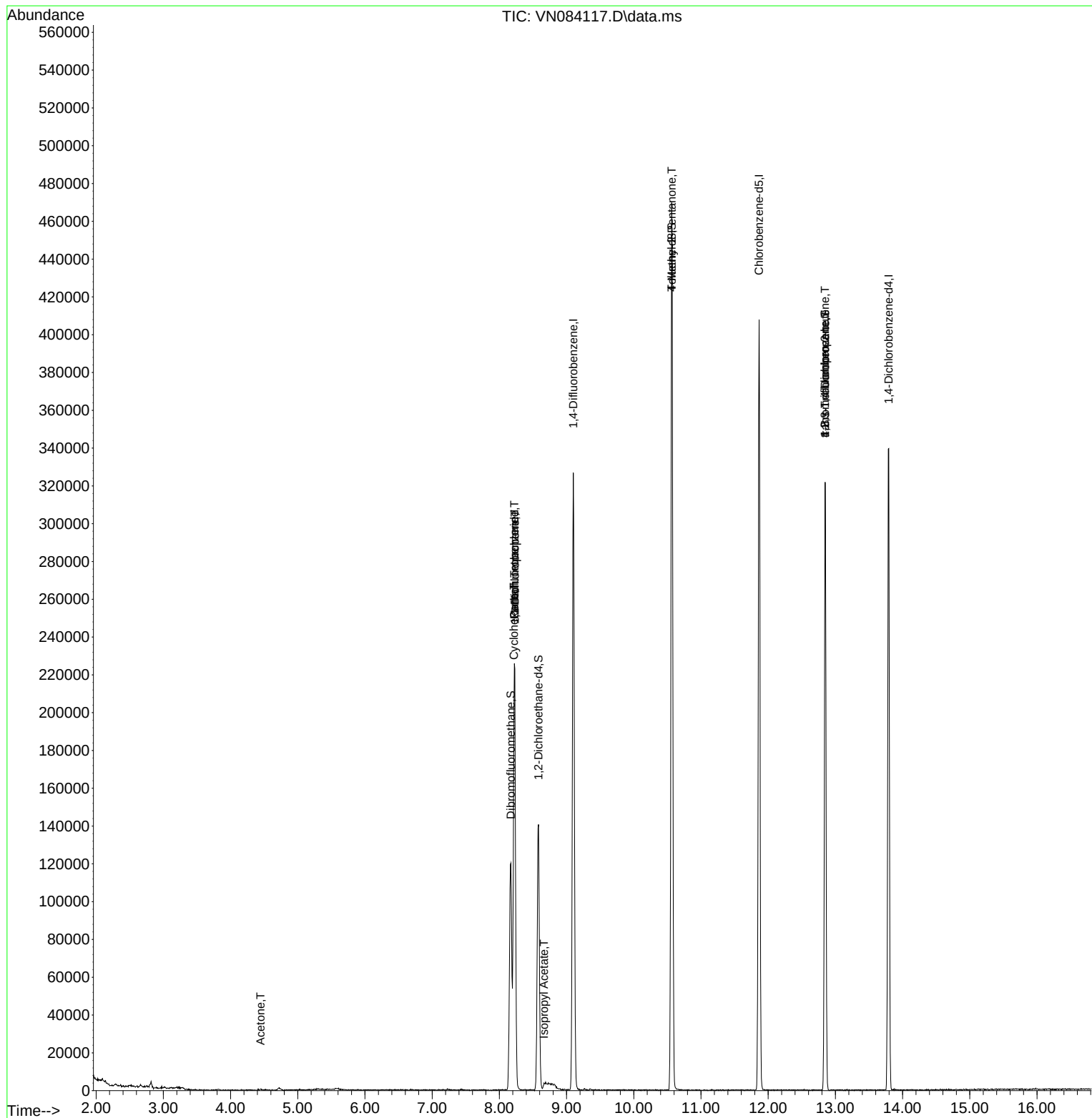
Internal Standards						
1) Pentafluorobenzene	8.224	168	155286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118898	50.779	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.560%		
35) Dibromofluoromethane	8.171	113	88514	52.180	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.360%		
50) Toluene-d8	10.565	98	318507	54.313	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.620%		
62) 4-Bromofluorobenzene	12.847	95	107634	44.487	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 88.980%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1046	Below Cal	#	75
16) Acetone	4.447	43	897	0.956	ug/l #	45
18) Methyl Acetate	5.024	43	75	Below Cal	#	52
31) Cyclohexane	8.218	56	3907	1.155	ug/l #	10
36) 1,1-Dichloropropene	8.230	75	14949	5.855	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18021	6.221	ug/l #	18
43) Isopropyl Acetate	8.665	43	1948	0.464	ug/l #	57
51) 4-Methyl-2-Pentanone	10.565	43	1557	0.681	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60497	34.014	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60497	89.086	ug/l #	9

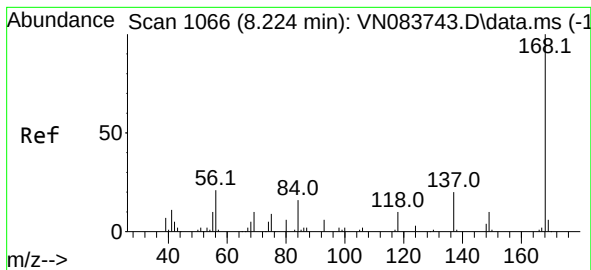
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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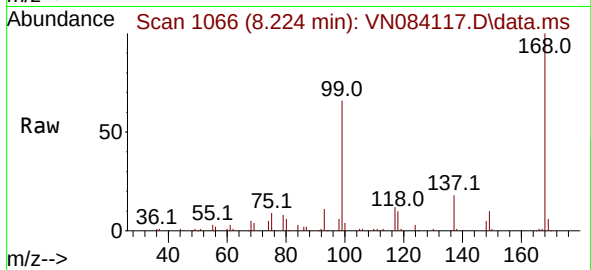
Quant Time: Sep 24 05:00:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



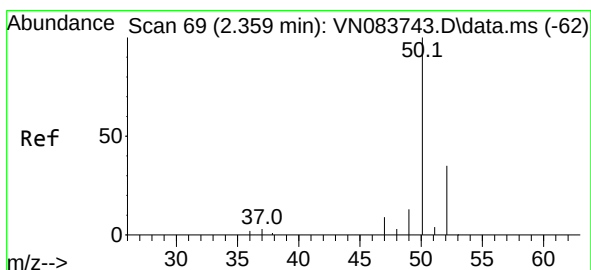
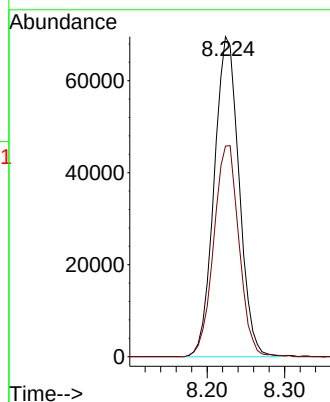
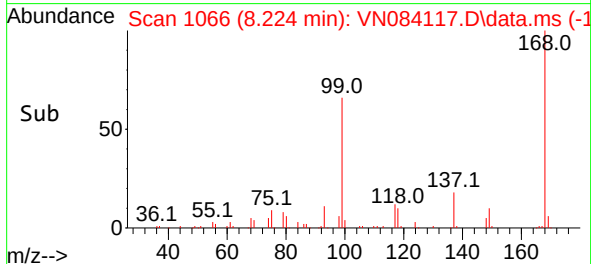


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Instrument :
MSVOA_N
ClientSampleId :

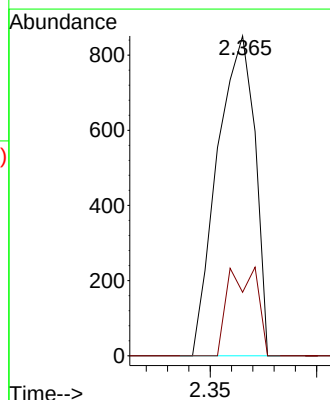
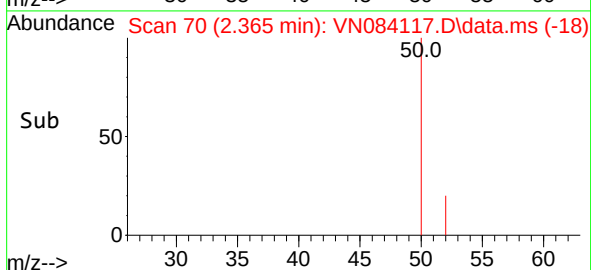
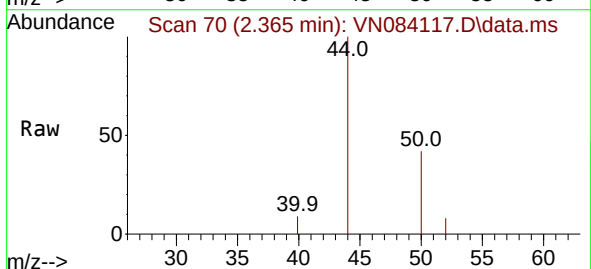


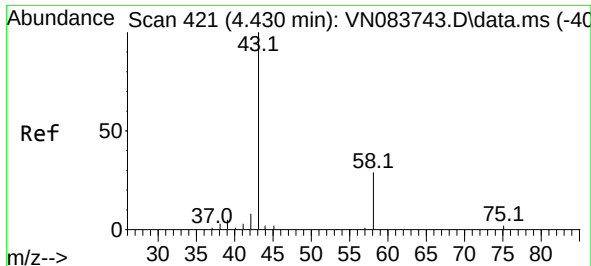
Tgt Ion:168 Resp: 155286
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Tgt Ion: 50 Resp: 1046
Ion Ratio Lower Upper
50 100
52 19.9 27.2 40.8#

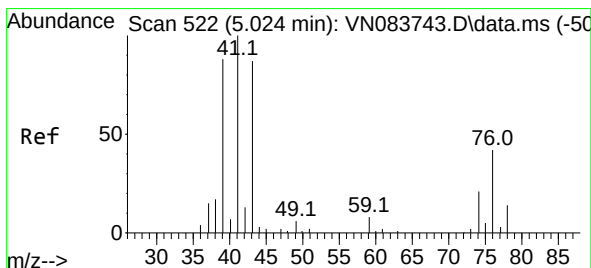
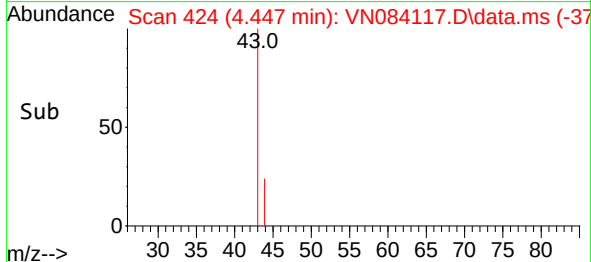
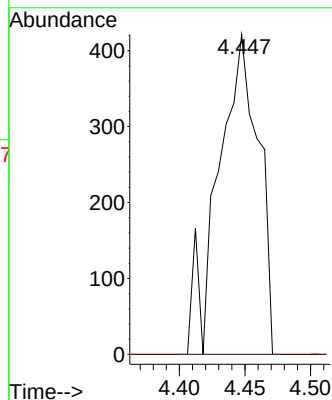
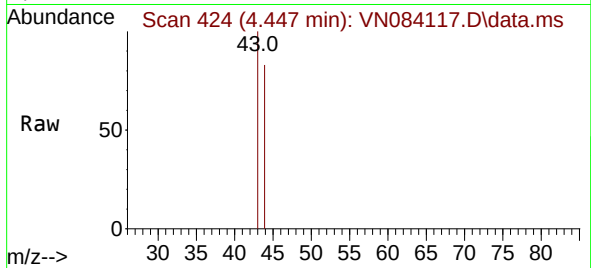




#16
Acetone
Concen: 0.956 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

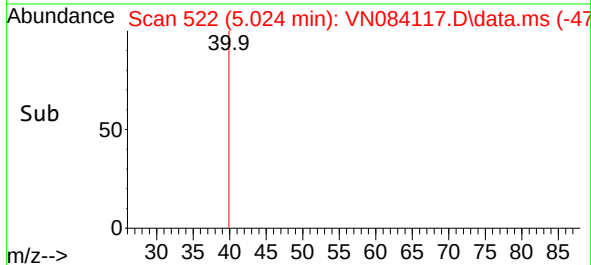
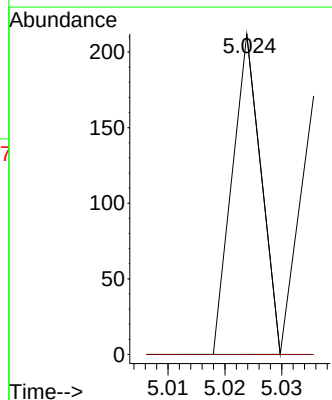
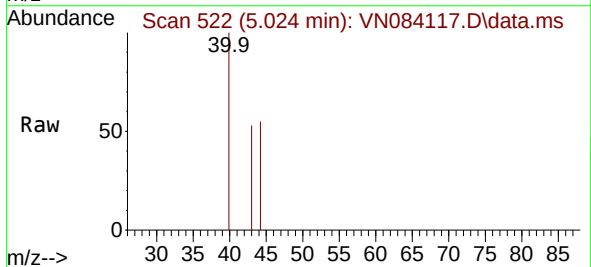
Instrument :
MSVOA_N
ClientSampleId :

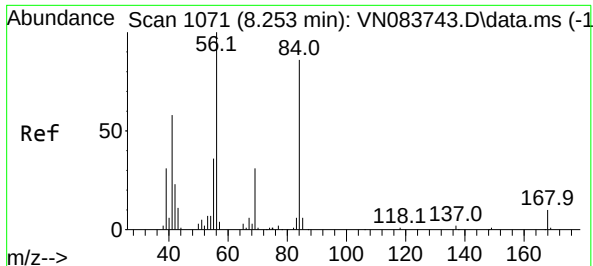
Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

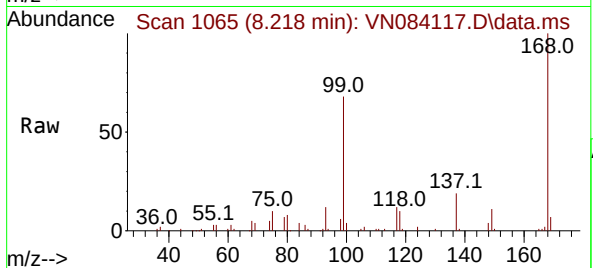
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



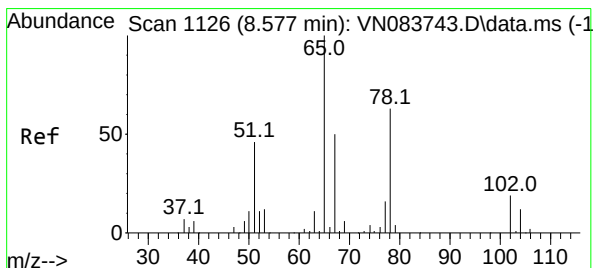
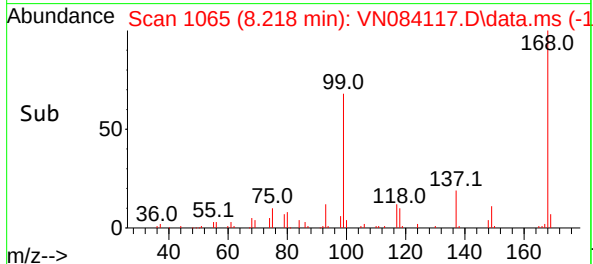
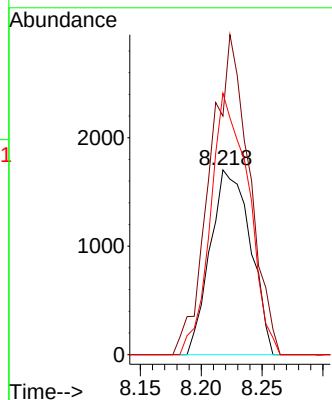


#31
Cyclohexane
Concen: 1.155 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Instrument :
MSVOA_N
ClientSampleId :

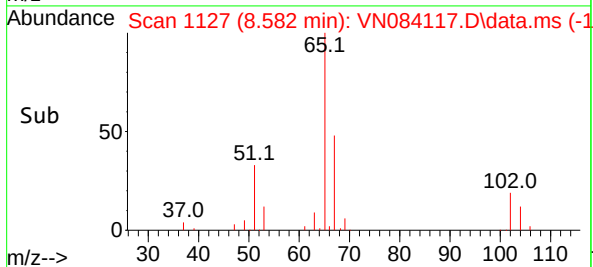
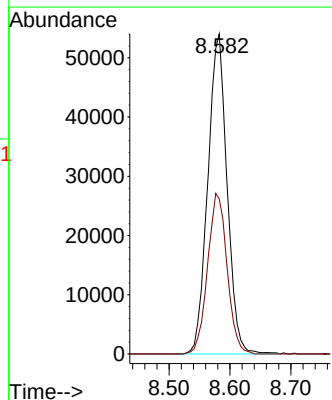
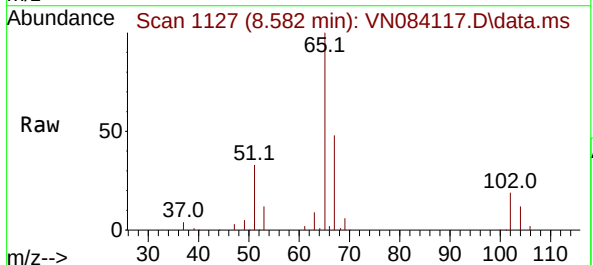


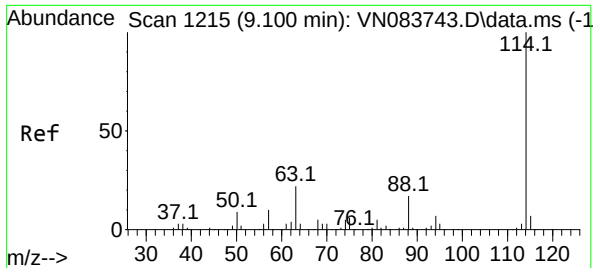
Tgt Ion: 56 Resp: 3907
Ion Ratio Lower Upper
56 100
69 129.0 26.9 40.3#
84 141.4 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 50.779 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Tgt Ion: 65 Resp: 118898
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8

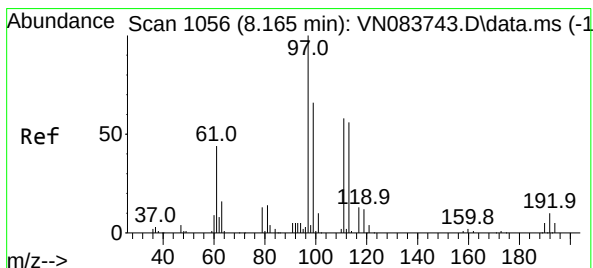
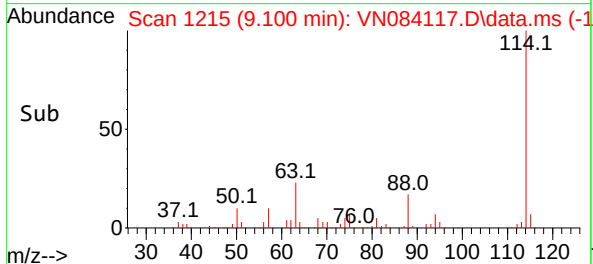
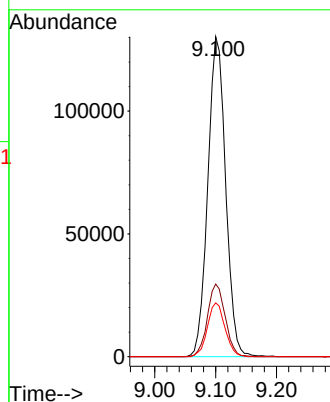
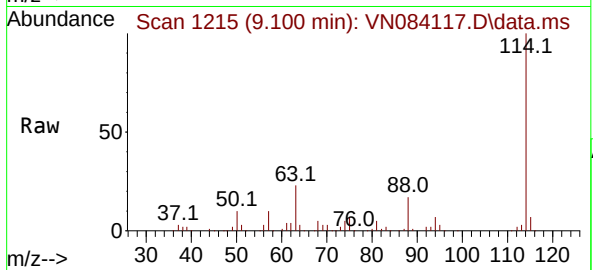




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

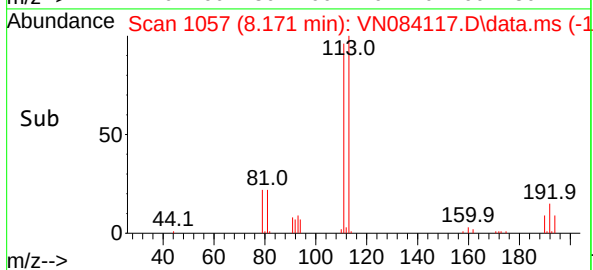
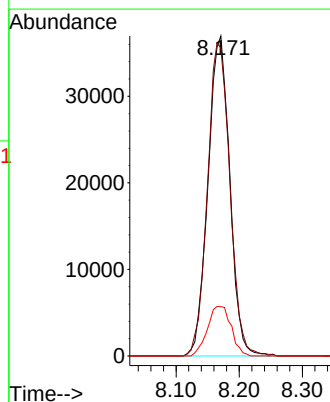
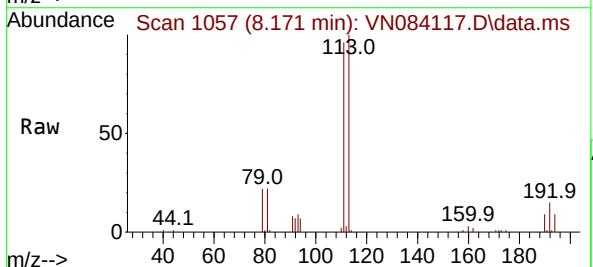
Instrument :
MSVOA_N
ClientSampleId :

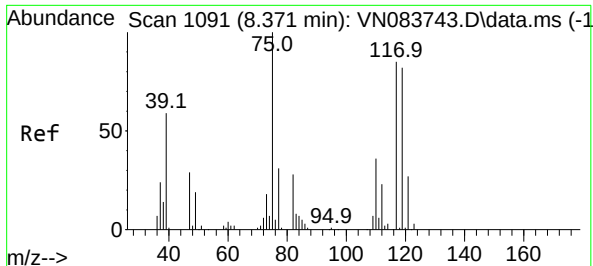
Tgt Ion:114 Resp: 264973
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.180 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Tgt Ion:113 Resp: 88514
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 16.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.855 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

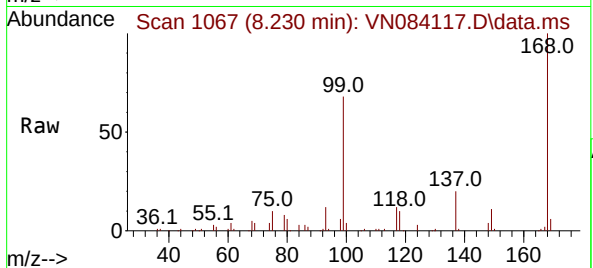
Lab File: VN084117.D

Acq: 23 Sep 2024 18:17

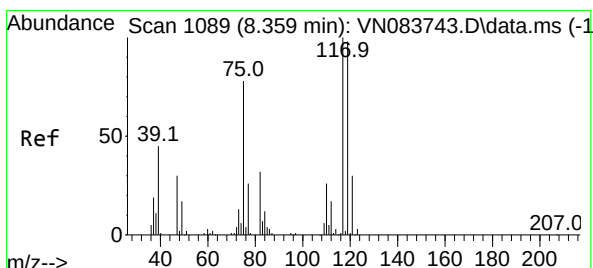
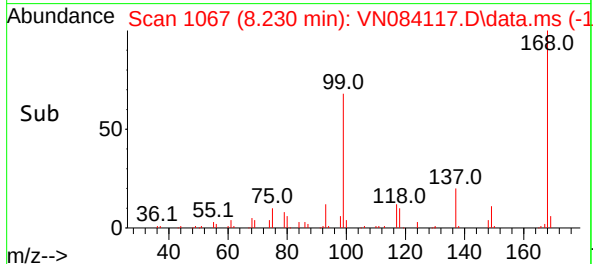
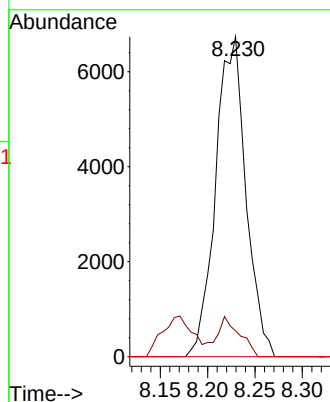
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14949
Ion Ratio	100	Lower	Upper
75	100		
110	9.1	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.221 ug/l

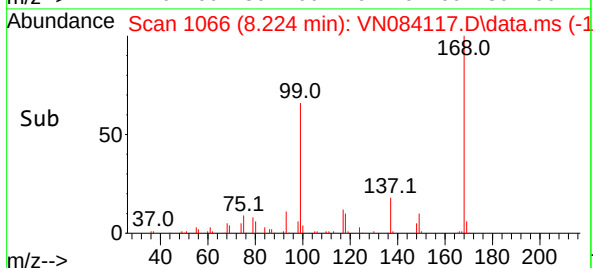
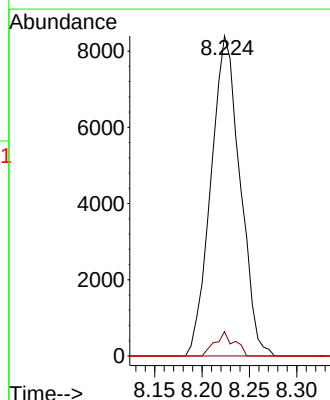
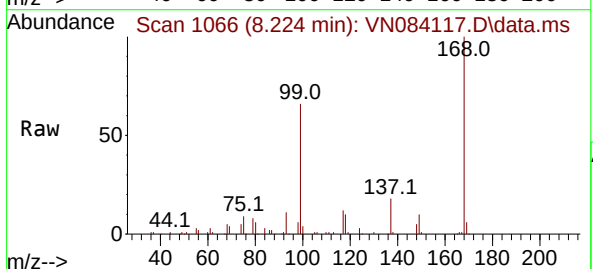
RT: 8.224 min Scan# 1066

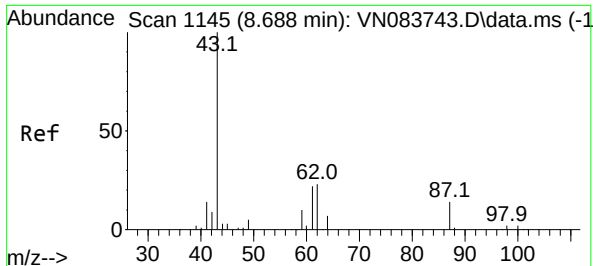
Delta R.T. -0.135 min

Lab File: VN084117.D

Acq: 23 Sep 2024 18:17

Tgt Ion:	117	Resp:	18021
Ion Ratio	100	Lower	Upper
117	100		
119	7.6	76.1	114.1#
121	0.0	24.1	36.1#

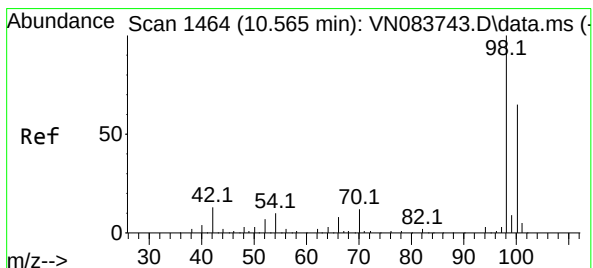
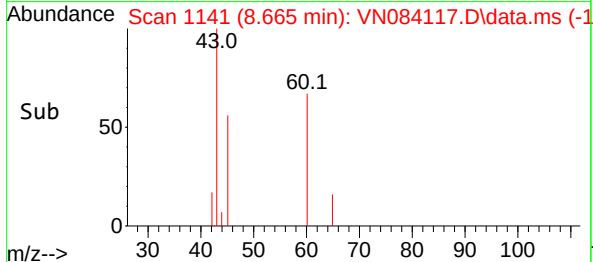
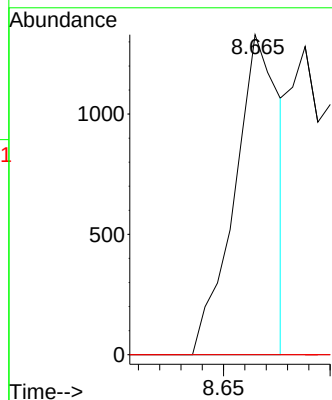
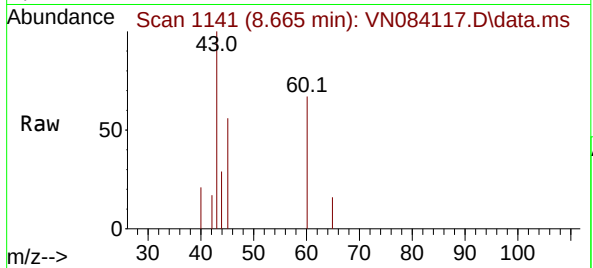




#43
Isopropyl Acetate
Concen: 0.464 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

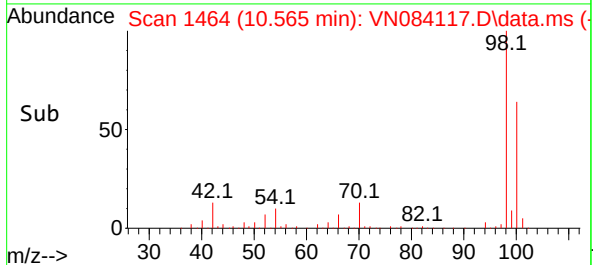
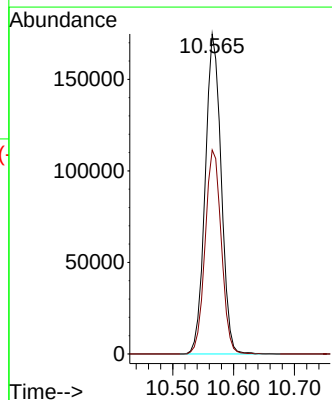
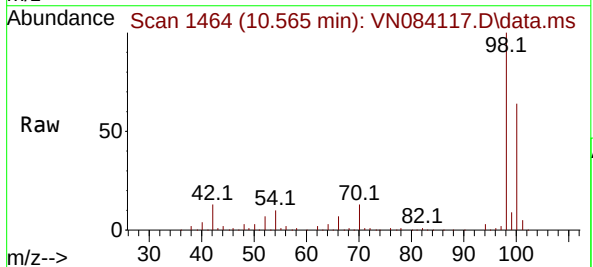
Instrument :
MSVOA_N
ClientSampleId :

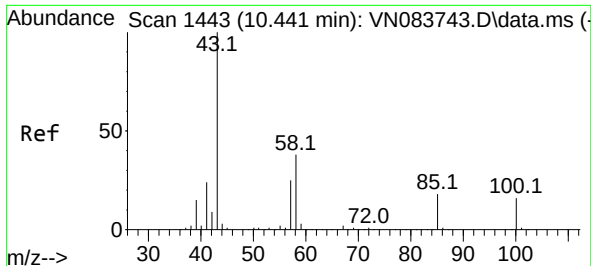
Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 54.313 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Tgt Ion: 98 Resp: 318507
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.681 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.123 min

Lab File: VN084117.D

Acq: 23 Sep 2024 18:17

Instrument :

MSVOA_N

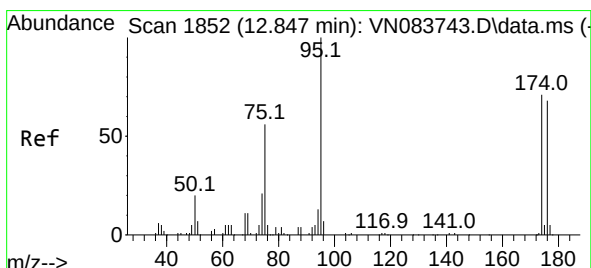
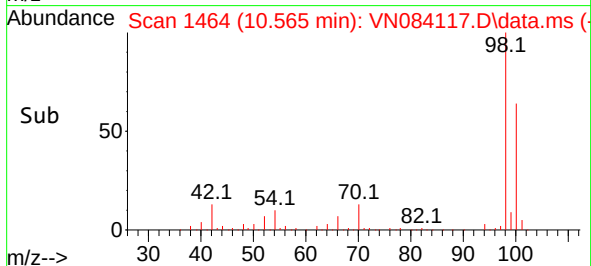
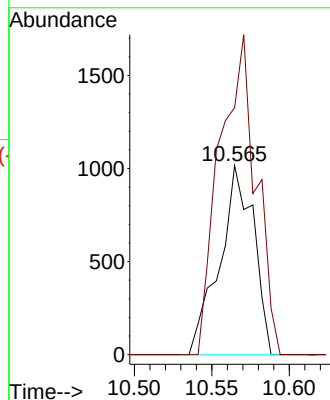
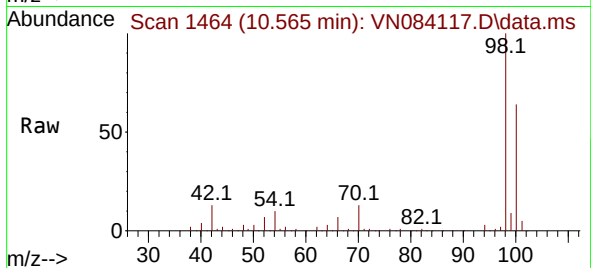
ClientSampleId :

Tgt Ion: 43 Resp: 1557

Ion Ratio Lower Upper

43 100

58 180.1 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 44.487 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084117.D

Acq: 23 Sep 2024 18:17

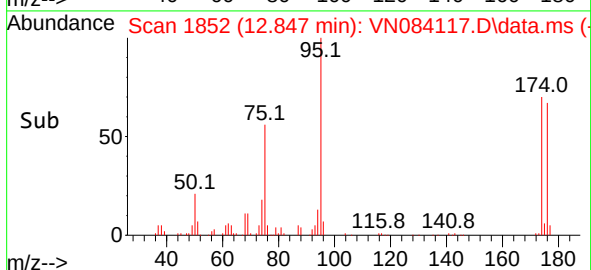
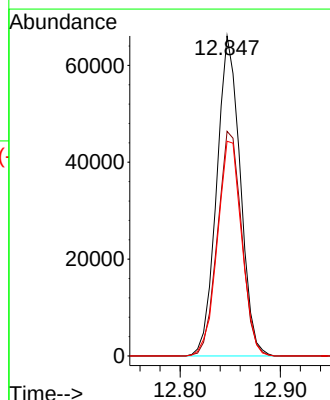
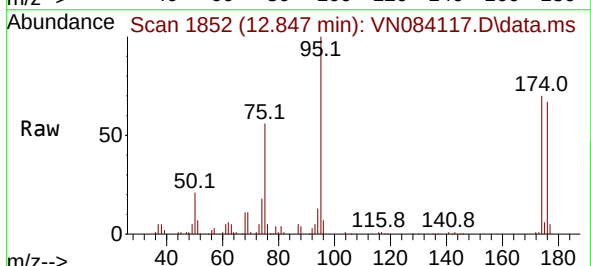
Tgt Ion: 95 Resp: 107634

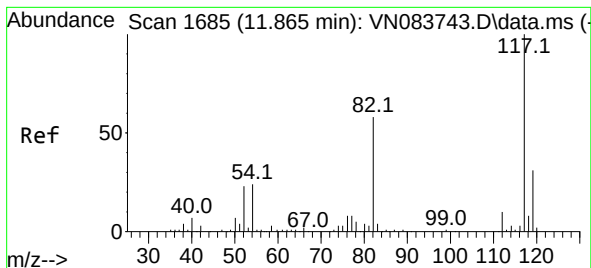
Ion Ratio Lower Upper

95 100

174 71.9 0.0 139.8

176 69.4 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084117.D

Acq: 23 Sep 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :

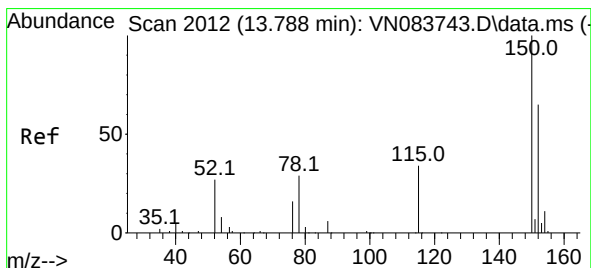
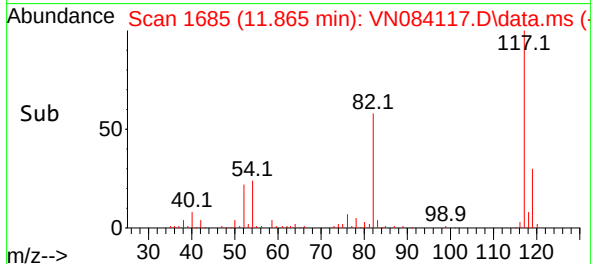
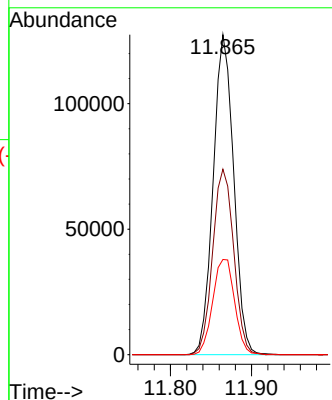
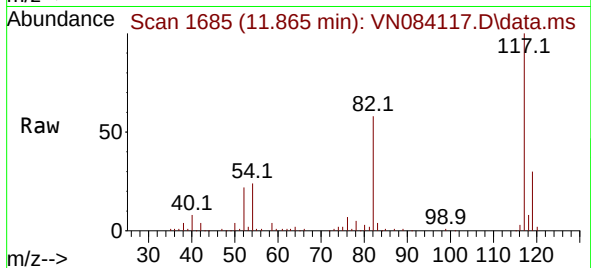
Tgt Ion:117 Resp: 223752

Ion Ratio Lower Upper

117 100

82 57.9 47.4 71.0

119 29.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084117.D

Acq: 23 Sep 2024 18:17

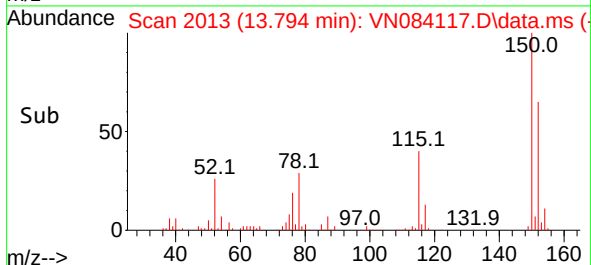
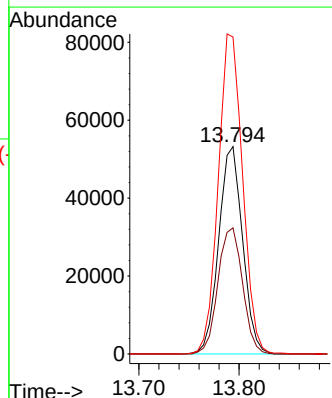
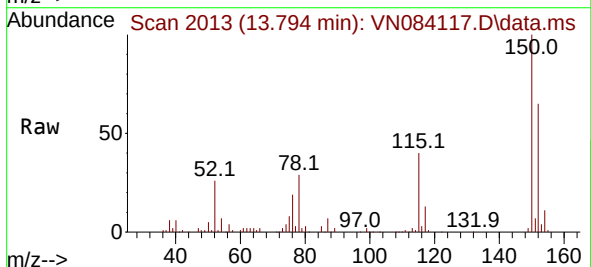
Tgt Ion:152 Resp: 88144

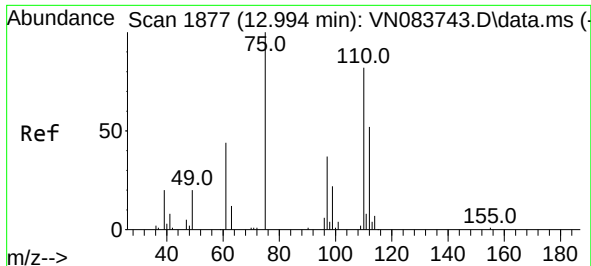
Ion Ratio Lower Upper

152 100

115 62.5 32.2 96.6

150 157.1 0.0 348.6

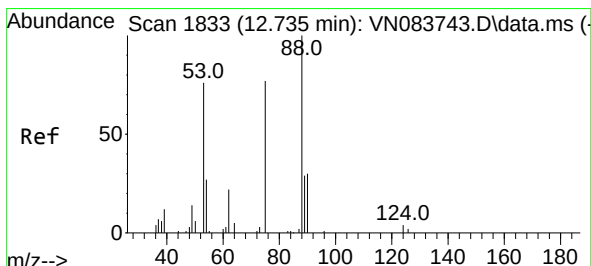
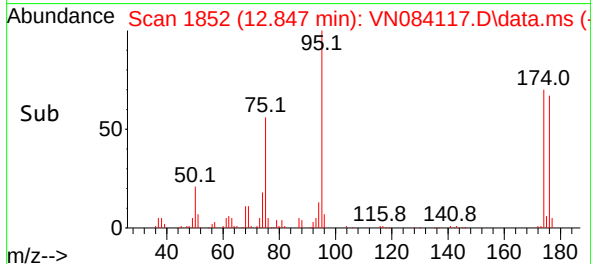
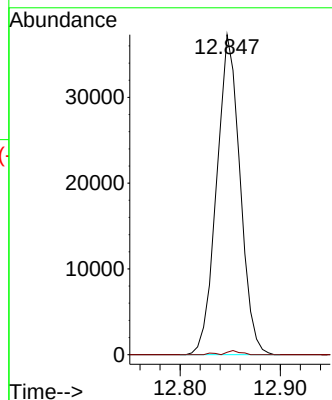
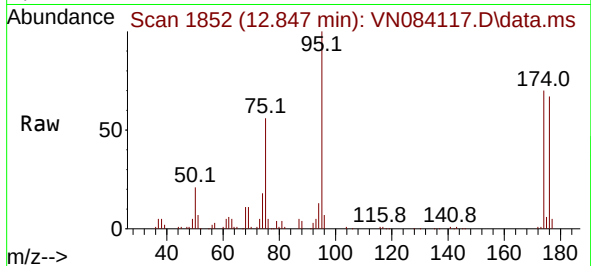




#76
1,2,3-Trichloropropane
Concen: 34.014 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 60497
Ion Ratio Lower Upper
75 100
77 0.9 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.086 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Tgt Ion: 75 Resp: 60497
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

