

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082924\
 Data File : VN083553.D
 Acq On : 29 Aug 2024 13:45
 Operator : JC\MD
 Sample : P3706-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 30 02:10:14 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)

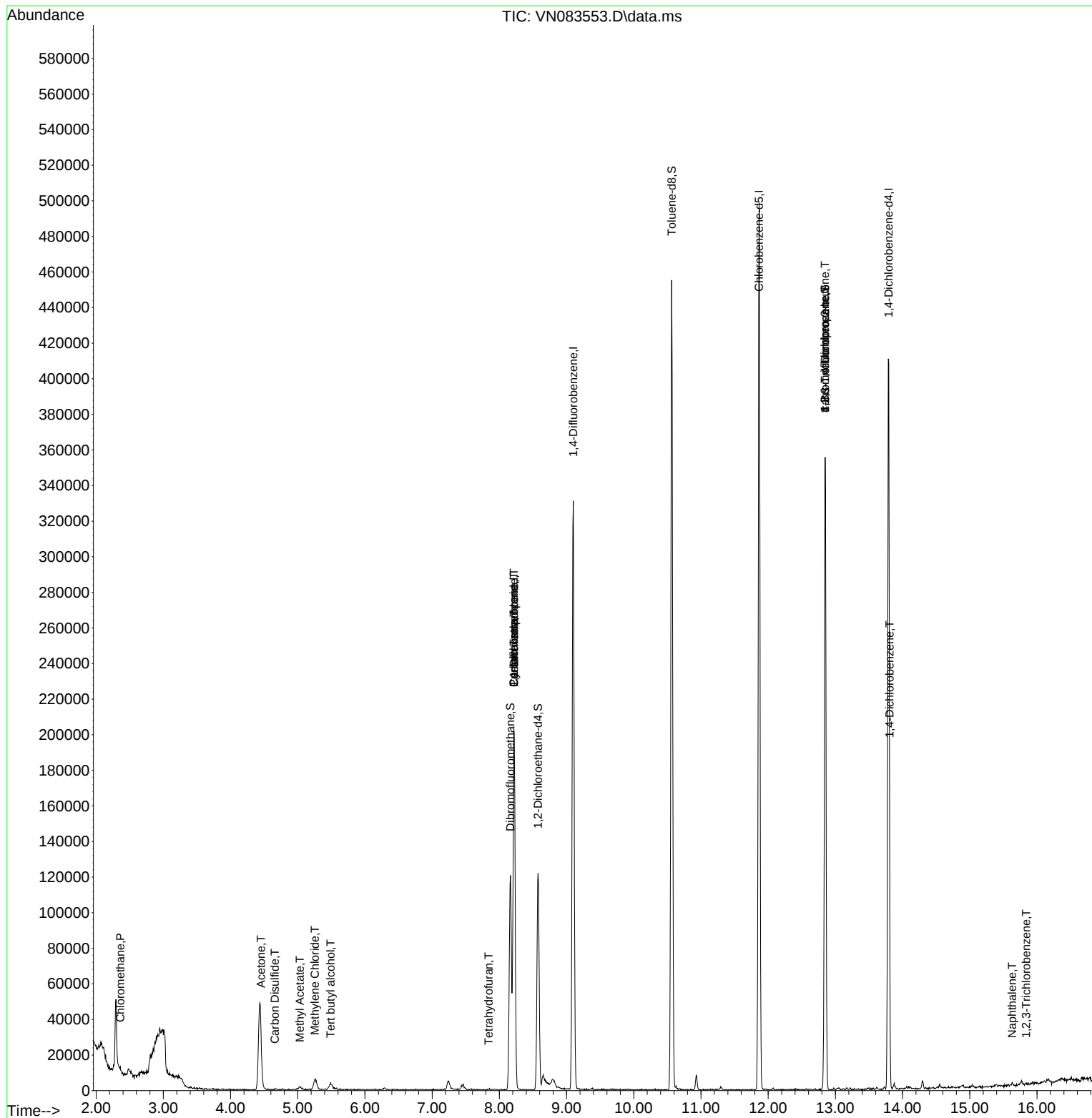
Internal Standards						
1) Pentafluorobenzene	8.218	168	140148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106962	53.619	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.240%	
35) Dibromofluoromethane	8.165	113	85117	49.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.380%	
50) Toluene-d8	10.565	98	307534	47.644	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.280%	
62) 4-Bromofluorobenzene	12.847	95	124422	49.443	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	621	0.382	ug/l #	43
11) Tert butyl alcohol	5.489	59	3569	8.609	ug/l #	71
16) Acetone	4.453	43	3138	4.020	ug/l	97
17) Carbon Disulfide	4.659	76	1183	0.260	ug/l #	75
18) Methyl Acetate	5.030	43	3319	1.427	ug/l	97
20) Methylene Chloride	5.253	84	4673	2.601	ug/l #	70
29) Tetrahydrofuran	7.841	42	188	0.243	ug/l #	38
31) Cyclohexane	8.218	56	3620	1.225	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	12893	4.925	ug/l #	51
38) Carbon Tetrachloride	8.218	117	16032	5.438	ug/l #	15
76) 1,2,3-Trichloropropane	12.847	75	67781	28.881	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67781	62.823	ug/l #	6
88) 1,4-Dichlorobenzene	13.806	146	814	0.216	ug/l #	1
95) Naphthalene	15.629	128	1573	0.219	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.841	180	429	0.214	ug/l #	73

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

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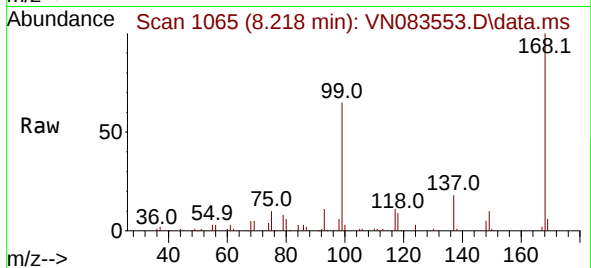
Quant Time: Aug 30 02:10:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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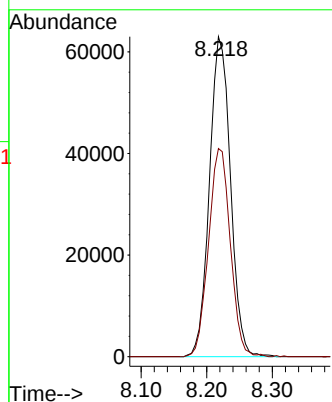
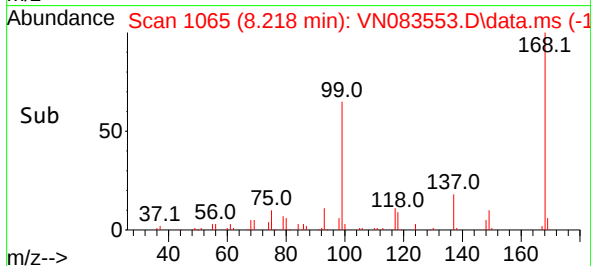


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :

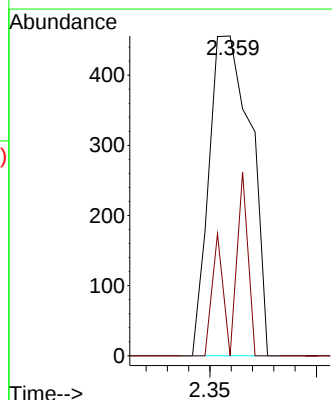
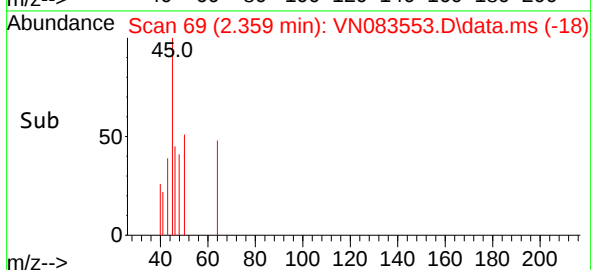
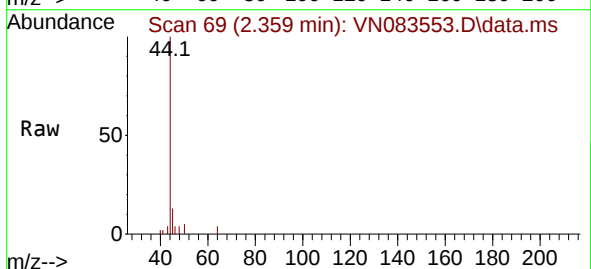


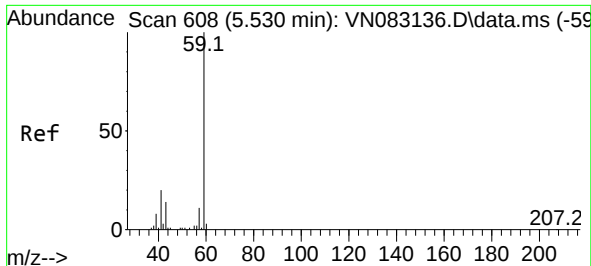
Tgt Ion:168 Resp: 140148
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#3
Chloromethane
Concen: 0.382 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

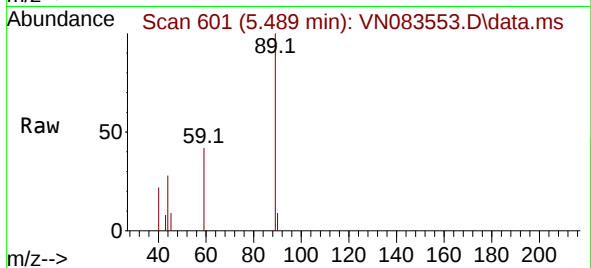
Tgt Ion: 50 Resp: 621
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



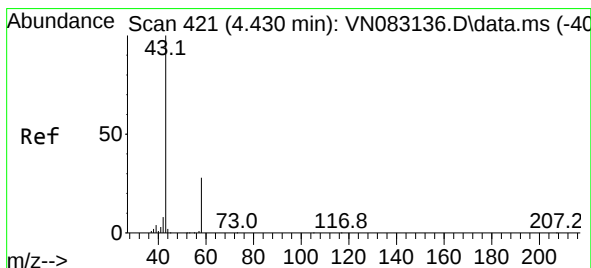
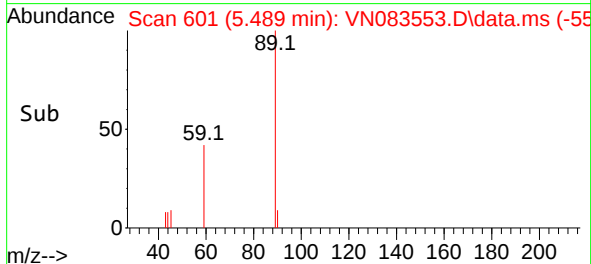
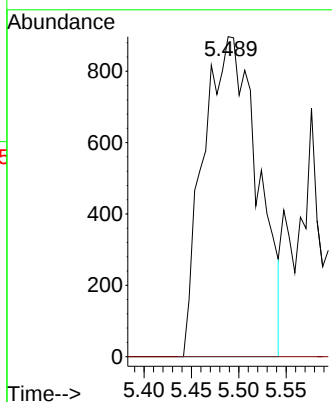


#11
Tert butyl alcohol
Concen: 8.609 ug/l
RT: 5.489 min Scan# 608
Delta R.T. -0.041 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :

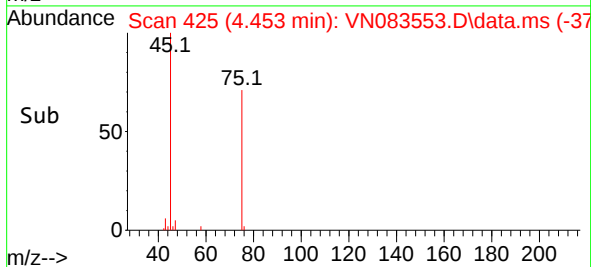
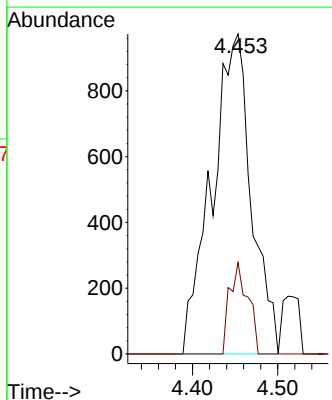
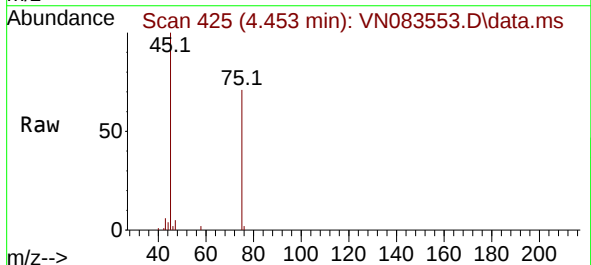


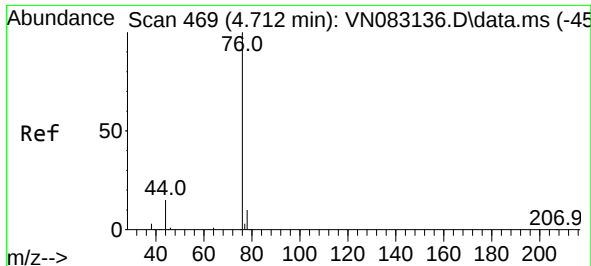
Tgt Ion: 59 Resp: 3569
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 4.020 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

Tgt Ion: 43 Resp: 3138
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.6

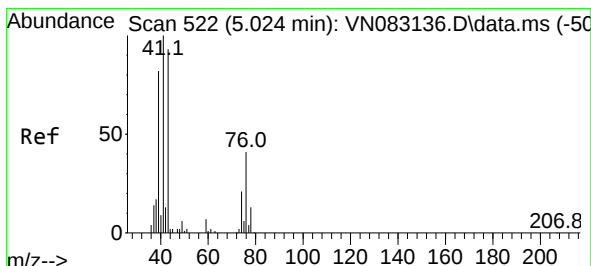
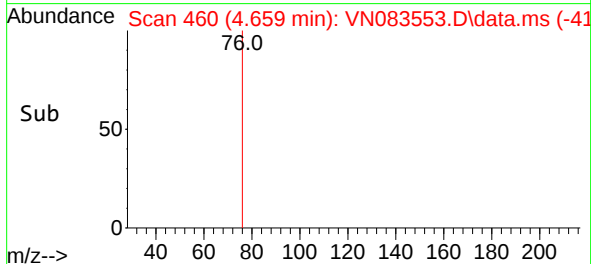
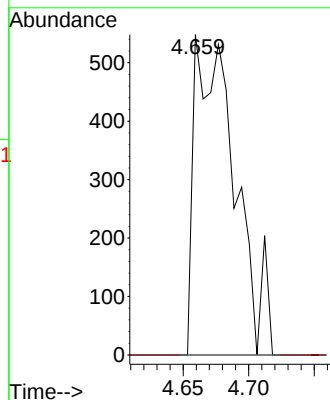
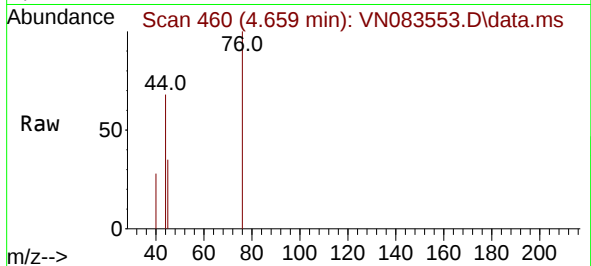




#17
Carbon Disulfide
Concen: 0.260 ug/l
RT: 4.659 min Scan# 41
Delta R.T. -0.053 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

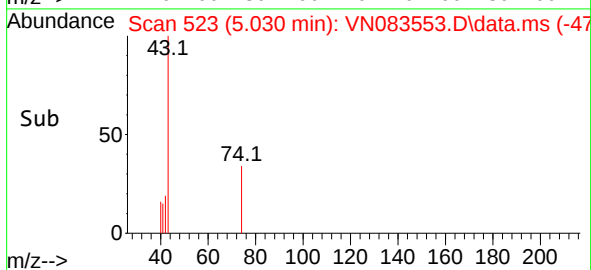
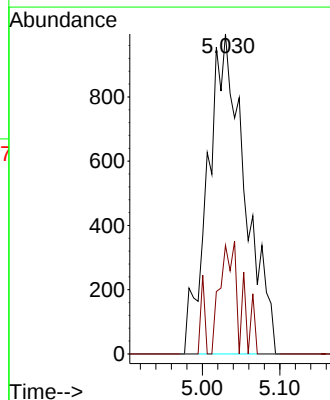
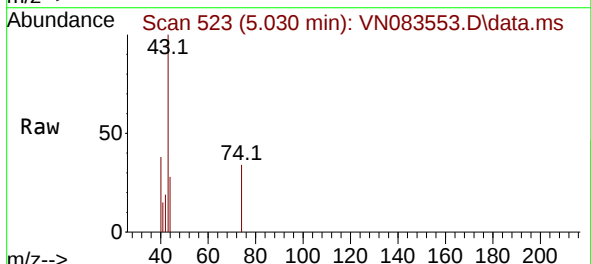
Instrument :
MSVOA_N
ClientSampleId :

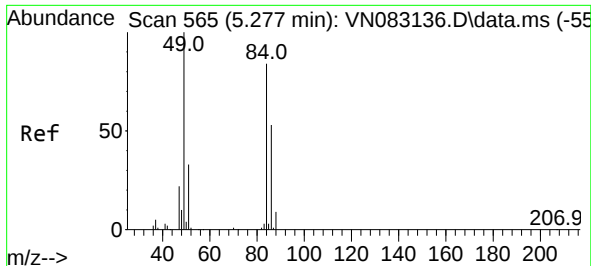
Tgt Ion: 76 Resp: 1183
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.427 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

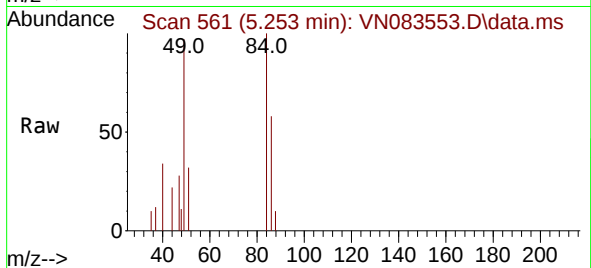
Tgt Ion: 43 Resp: 3319
Ion Ratio Lower Upper
43 100
74 19.0 16.3 24.5



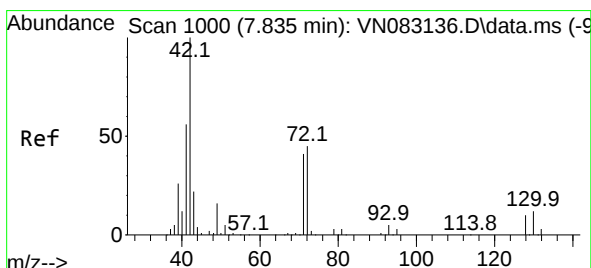
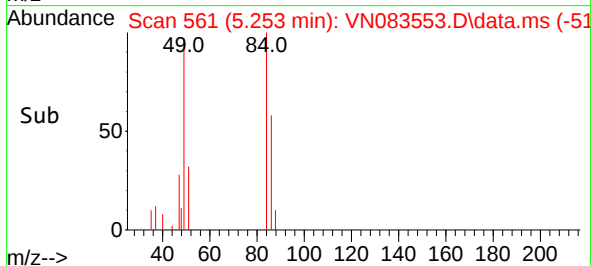
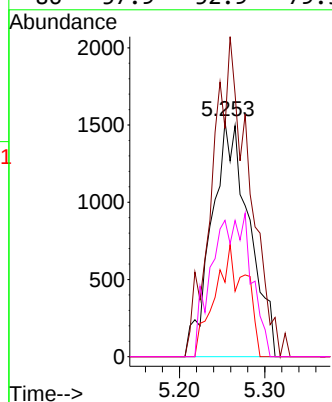


#20
Methylene Chloride
Concen: 2.601 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.023 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :

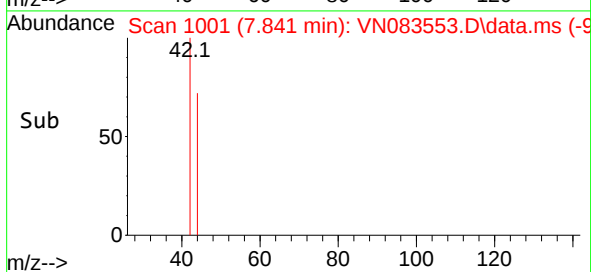
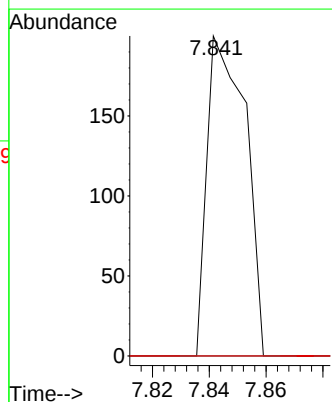
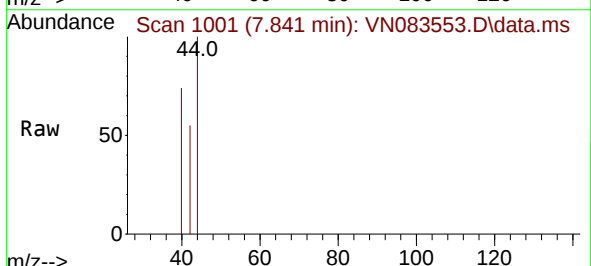


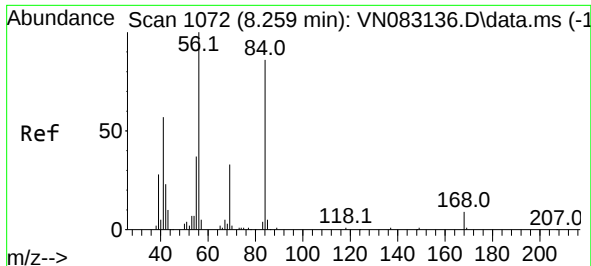
Tgt Ion: 84 Resp: 4673
Ion Ratio Lower Upper
84 100
49 97.0 119.6 179.4#
51 31.6 34.8 52.2#
86 57.9 52.9 79.3



#29
Tetrahydrofuran
Concen: 0.243 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

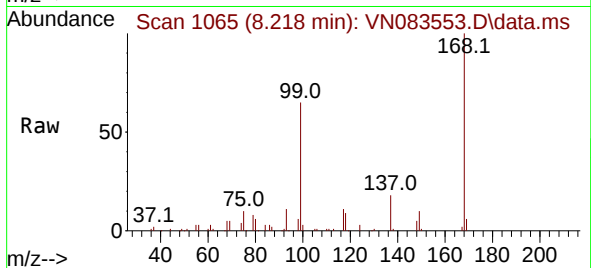
Tgt Ion: 42 Resp: 188
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 0.0 28.3 42.5#



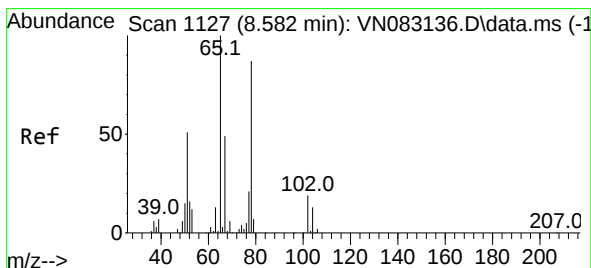
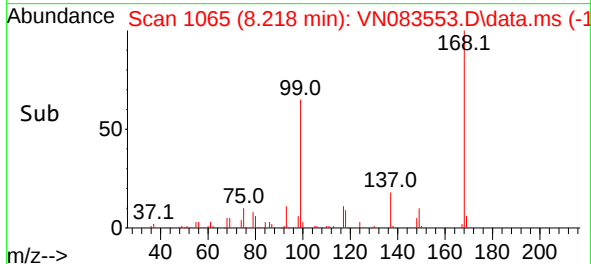
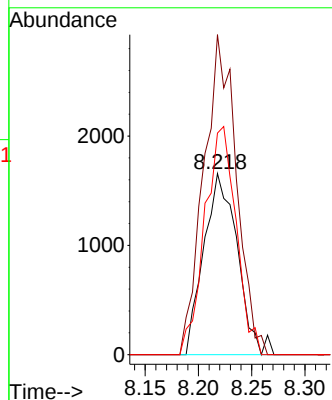


#31
Cyclohexane
Concen: 1.225 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :

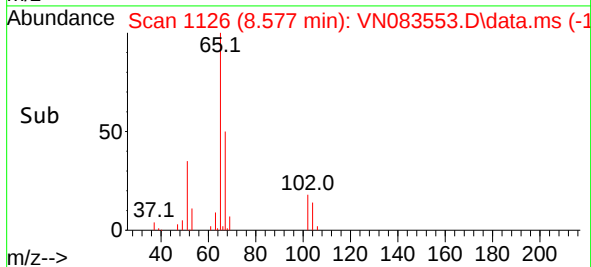
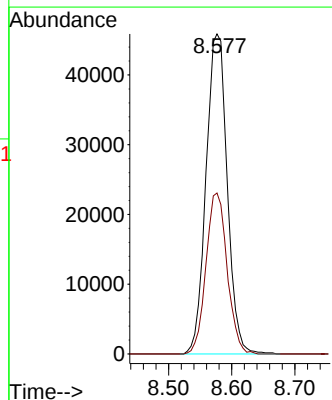
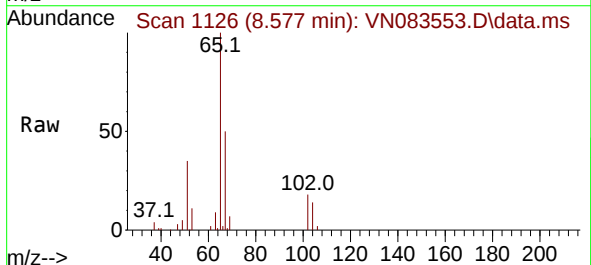


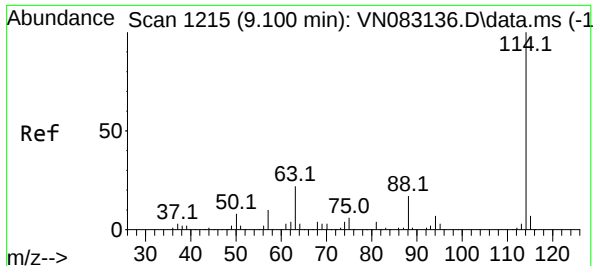
Tgt Ion: 56 Resp: 3620
Ion Ratio Lower Upper
56 100
69 176.7 24.5 36.7#
84 122.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 53.619 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

Tgt Ion: 65 Resp: 106962
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083553.D

Acq: 29 Aug 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

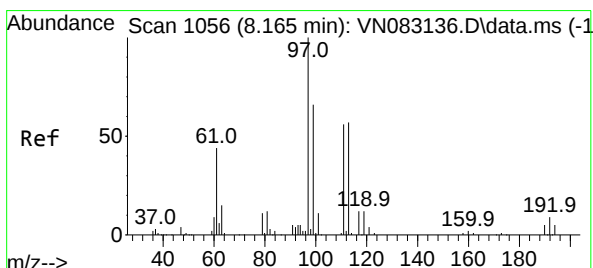
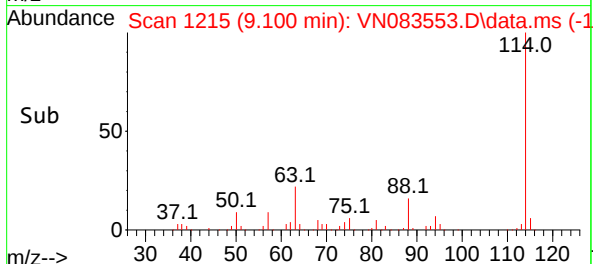
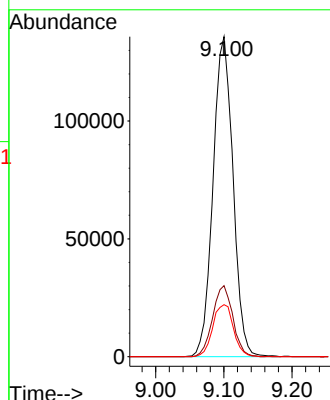
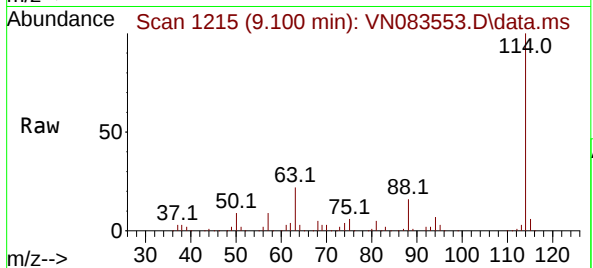
Tgt Ion:114 Resp: 277231

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.189 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083553.D

Acq: 29 Aug 2024 13:45

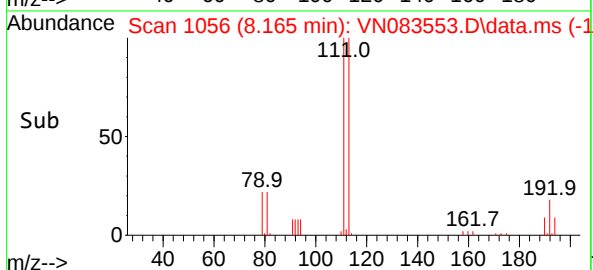
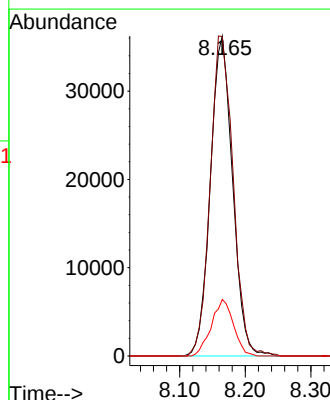
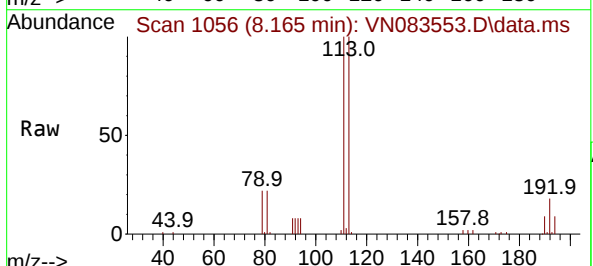
Tgt Ion:113 Resp: 85117

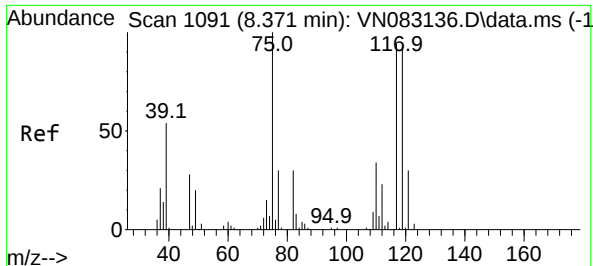
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 17.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.925 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083553.D

Acq: 29 Aug 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

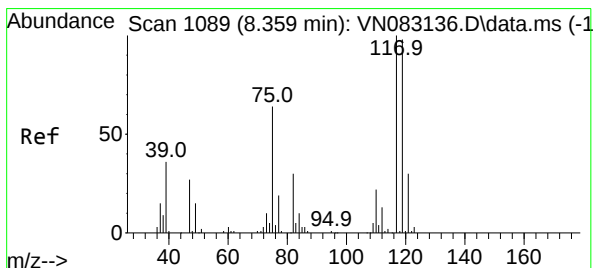
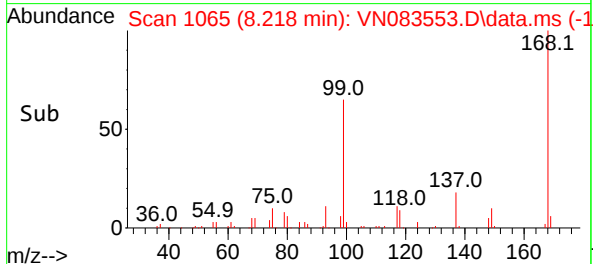
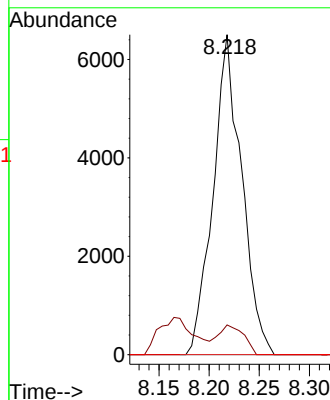
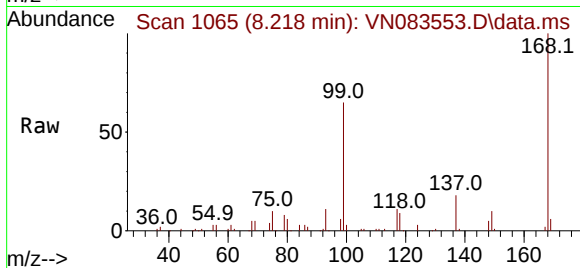
Tgt Ion: 75 Resp: 12893

Ion Ratio Lower Upper

75 100

110 8.3 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.438 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083553.D

Acq: 29 Aug 2024 13:45

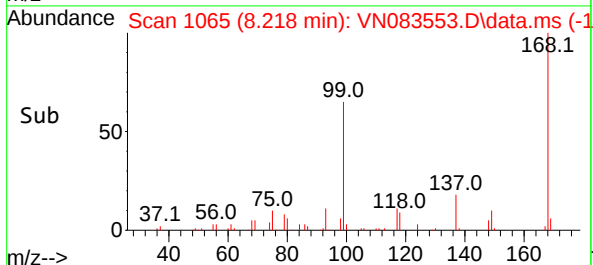
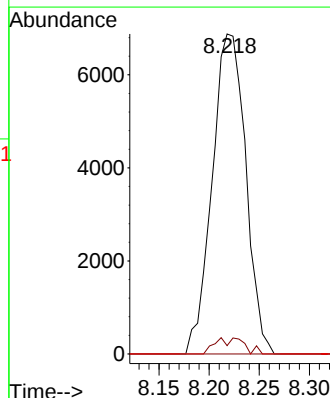
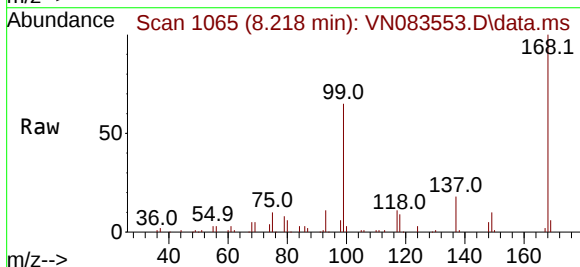
Tgt Ion: 117 Resp: 16032

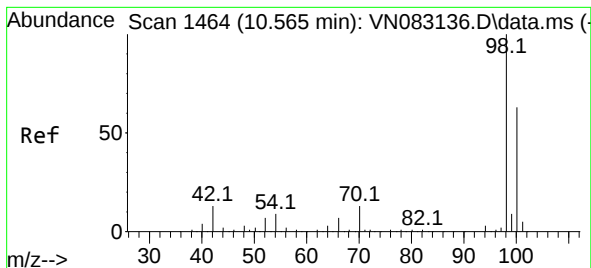
Ion Ratio Lower Upper

117 100

119 2.6 74.9 112.3#

121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 47.644 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083553.D

Acq: 29 Aug 2024 13:45

Instrument :

MSVOA_N

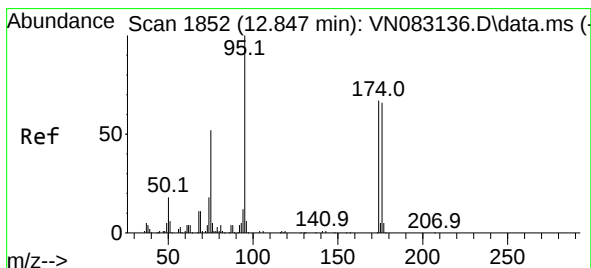
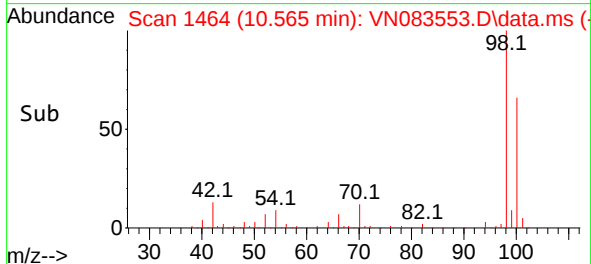
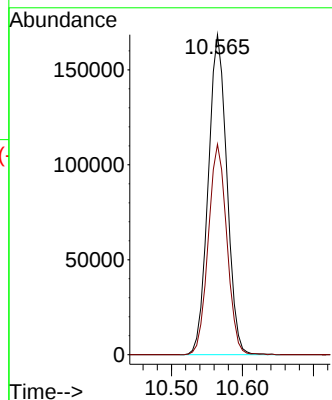
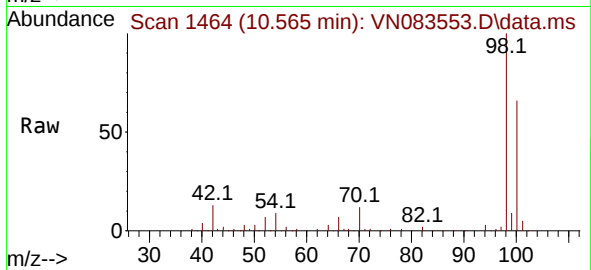
ClientSampleId :

Tgt Ion: 98 Resp: 307534

Ion Ratio Lower Upper

98 100

100 65.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 49.443 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083553.D

Acq: 29 Aug 2024 13:45

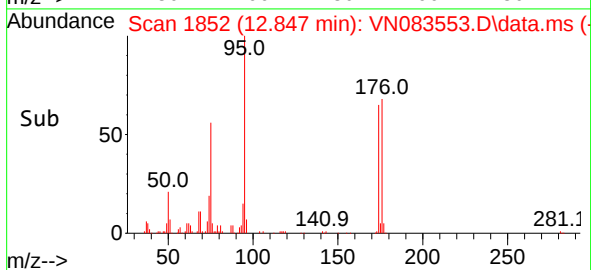
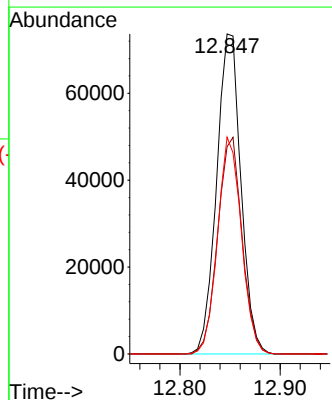
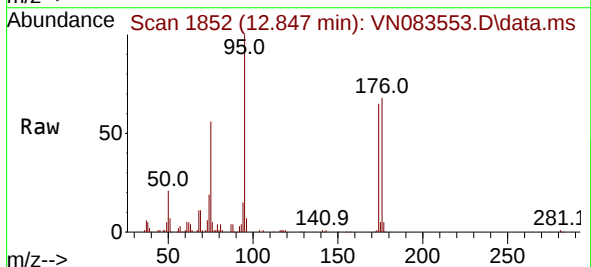
Tgt Ion: 95 Resp: 124422

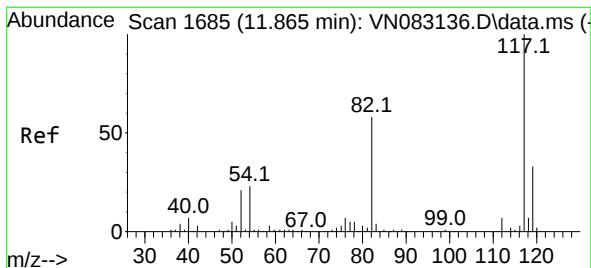
Ion Ratio Lower Upper

95 100

174 67.6 0.0 159.2

176 66.2 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083553.D

Acq: 29 Aug 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

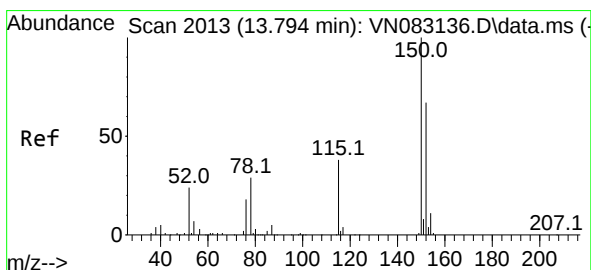
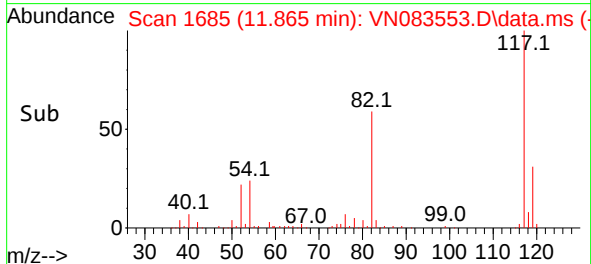
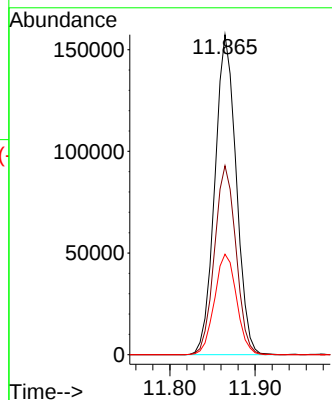
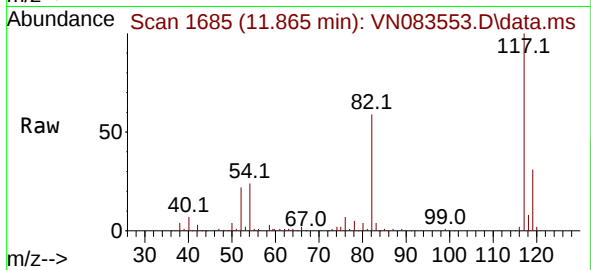
Tgt Ion:117 Resp: 274372

Ion Ratio Lower Upper

117 100

82 59.0 47.5 71.3

119 31.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083553.D

Acq: 29 Aug 2024 13:45

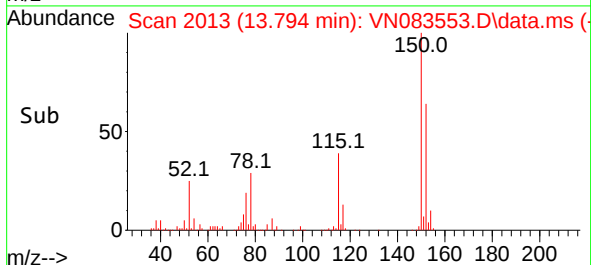
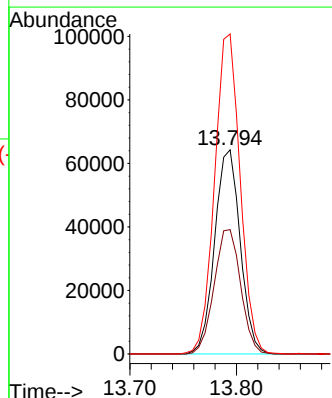
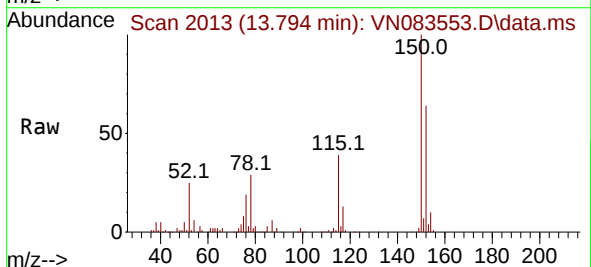
Tgt Ion:152 Resp: 106933

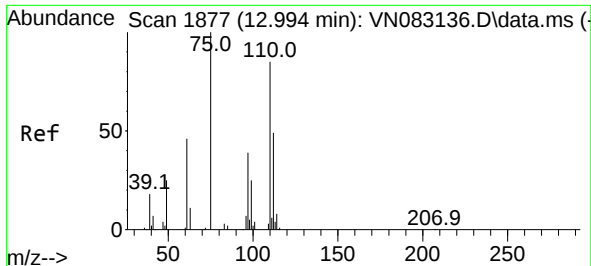
Ion Ratio Lower Upper

152 100

115 63.2 30.6 91.6

150 156.9 0.0 348.6

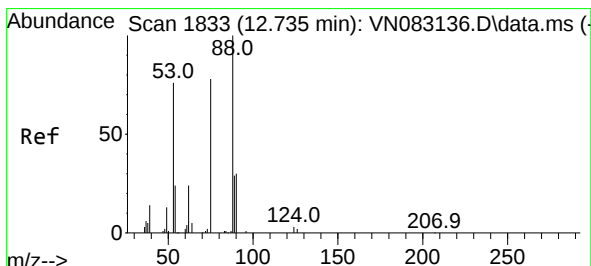
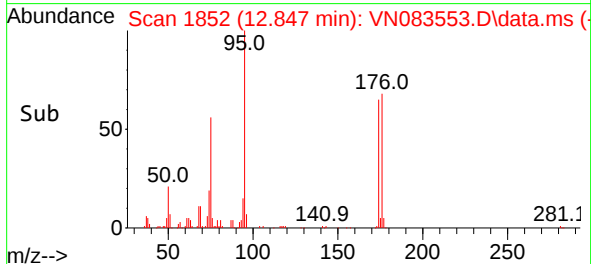
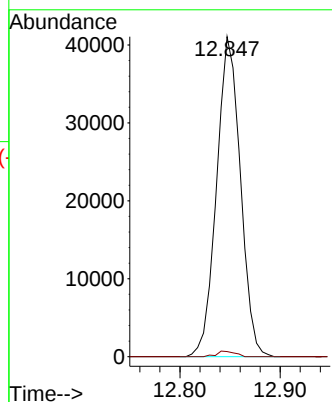
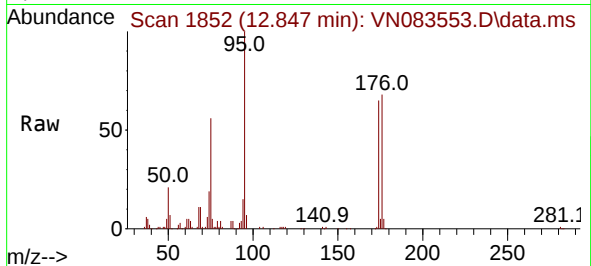




#76
1,2,3-Trichloropropane
Concen: 28.881 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

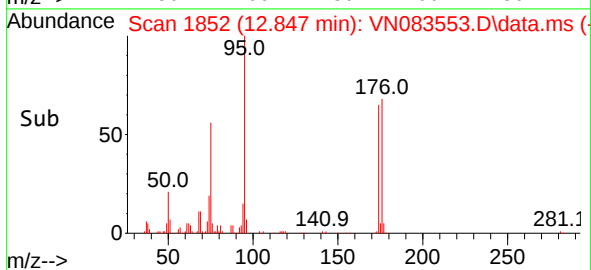
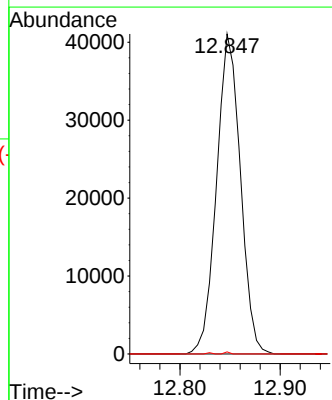
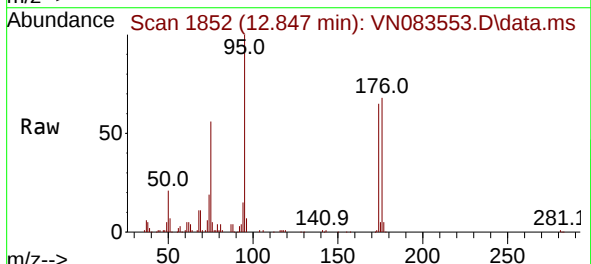
Instrument :
MSVOA_N
ClientSampleId :

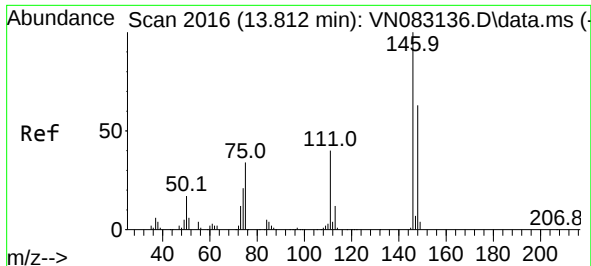
Tgt Ion: 75 Resp: 67781
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.823 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

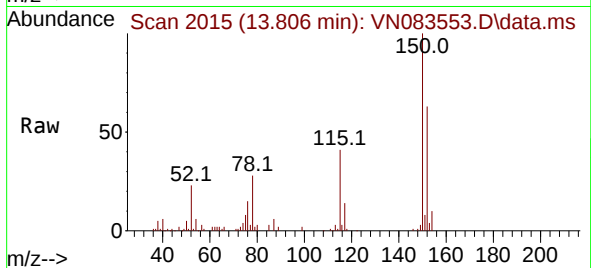
Tgt Ion: 75 Resp: 67781
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.1 36.3 54.5#



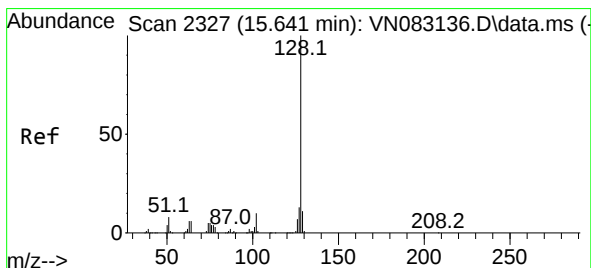
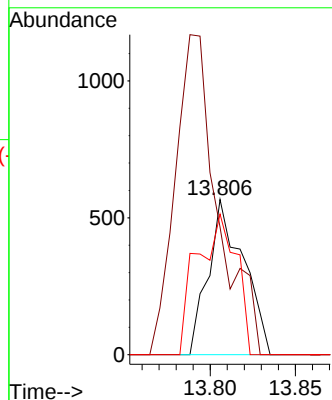
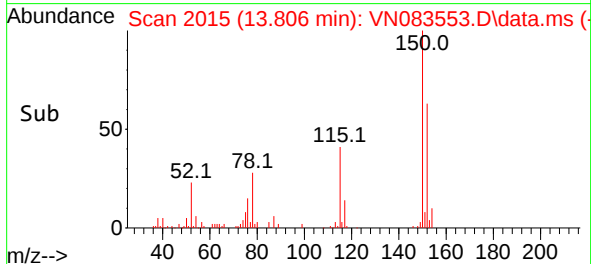


#88
1,4-Dichlorobenzene
Concen: 0.216 ug/l
RT: 13.806 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45

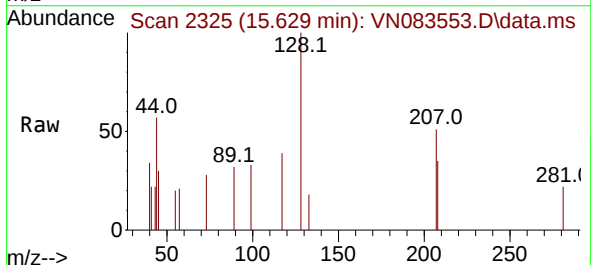
Instrument :
MSVOA_N
ClientSampleId :



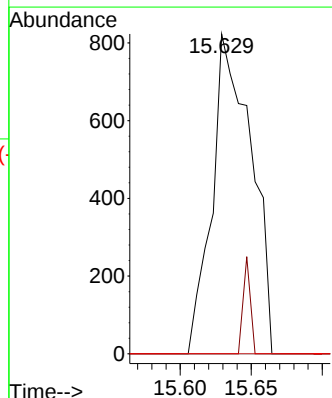
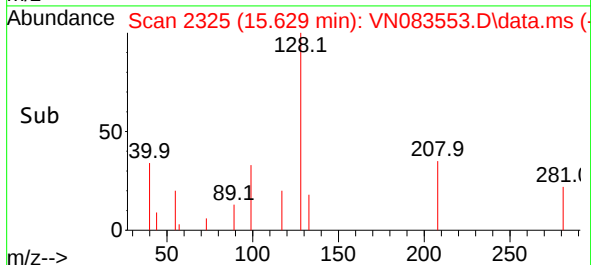
Tgt Ion:146 Resp: 814
Ion Ratio Lower Upper
146 100
111 249.5 20.1 60.3#
148 101.4 32.2 96.6#

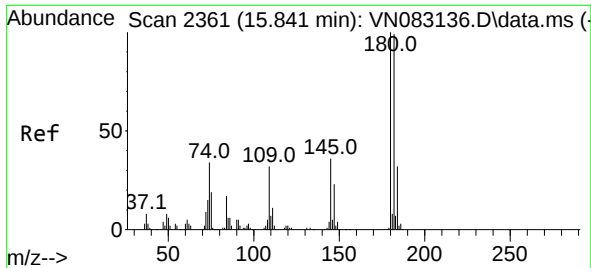


#95
Naphthalene
Concen: 0.219 ug/l
RT: 15.629 min Scan# 2325
Delta R.T. -0.012 min
Lab File: VN083553.D
Acq: 29 Aug 2024 13:45



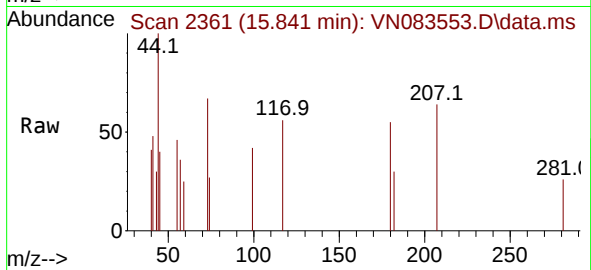
Tgt Ion:128 Resp: 1573
Ion Ratio Lower Upper
128 100
127 5.6 10.6 16.0#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.214 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083553.D
 Acq: 29 Aug 2024 13:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 429
 Ion Ratio Lower Upper
 180 100
 182 73.9 48.9 146.8
 145 14.0 16.8 50.4#

