

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084642.D
 Acq On : 01 Nov 2024 16:43
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 04:30:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

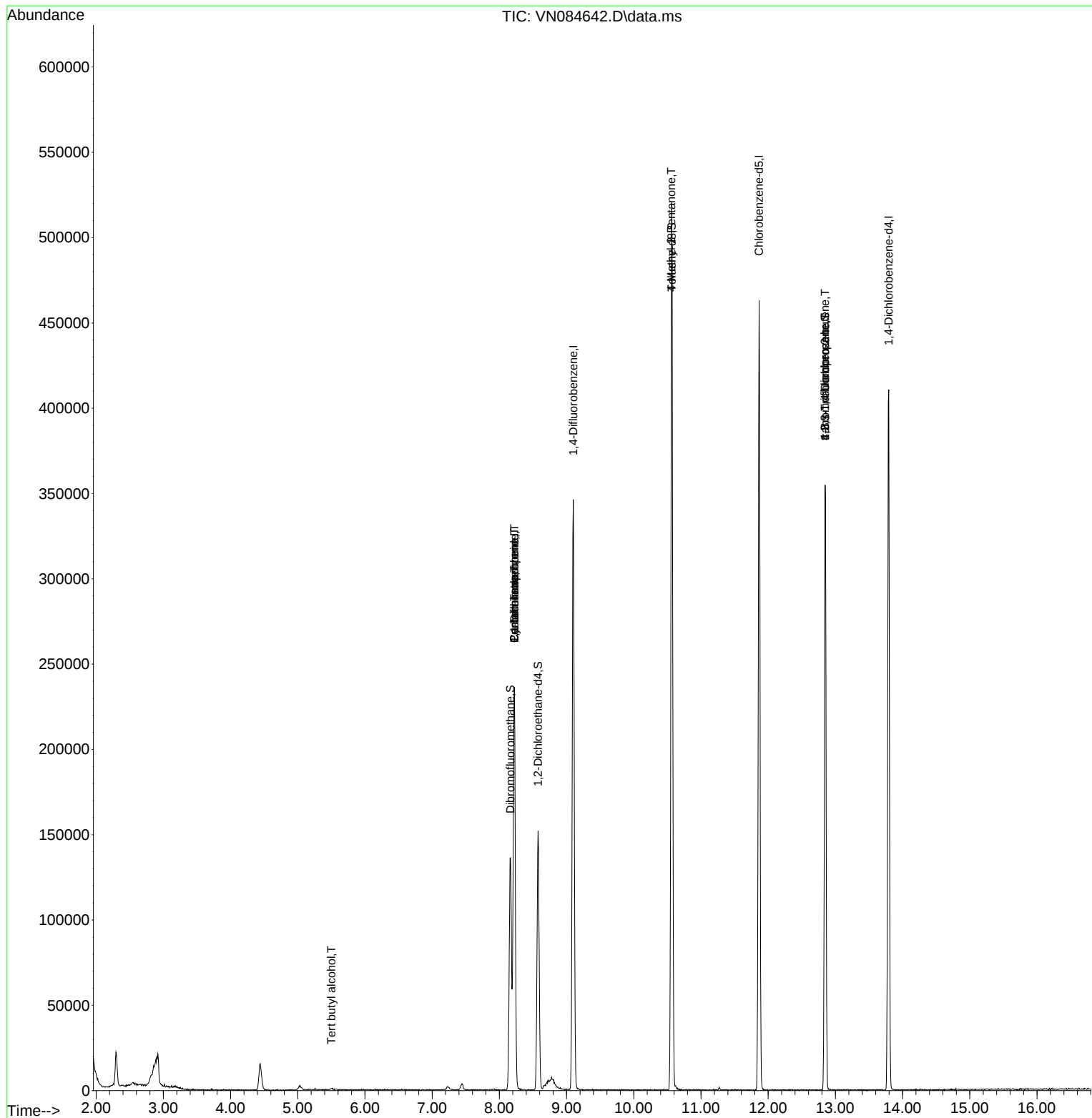
Internal Standards						
1) Pentafluorobenzene	8.224	168	170940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125533	50.845	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.680%	
35) Dibromofluoromethane	8.165	113	100969	49.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.340%	
50) Toluene-d8	10.565	98	352772	47.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.220%	
62) 4-Bromofluorobenzene	12.847	95	125405	44.807	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	620	Below Cal	#	41
6) Chloroethane	3.112	64	489	Below Cal	#	45
11) Tert butyl alcohol	5.500	59	658	2.019	ug/l #	73
16) Acetone	4.418	43	56	Below Cal	#	44
18) Methyl Acetate	5.018	43	4684	Below Cal		91
31) Cyclohexane	8.224	56	3791	1.112	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14199	5.036	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18371	5.829	ug/l #	14
43) Isopropyl Acetate	8.682	43	2007	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.559	43	1629	0.668	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65235	28.556	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65235	67.746	ug/l #	11
88) 1,4-Dichlorobenzene	13.806	146	394	Below Cal	#	1

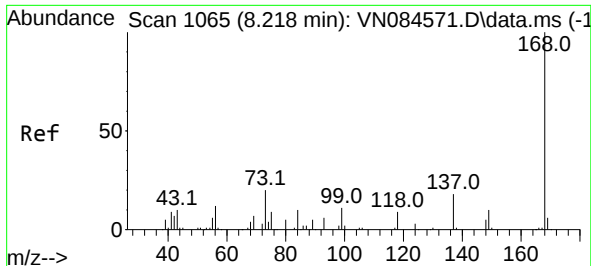
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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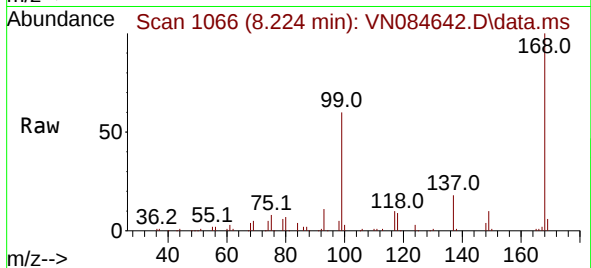
Quant Time: Nov 04 04:30:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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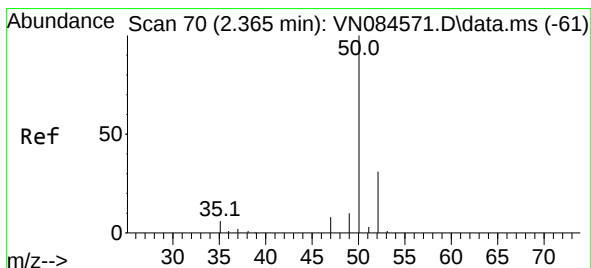
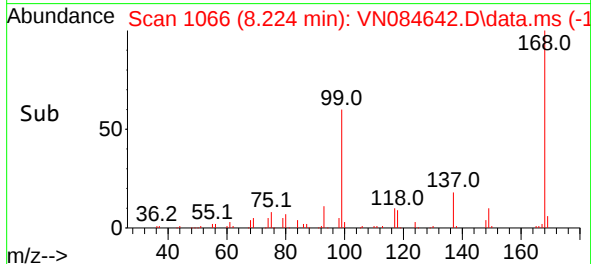
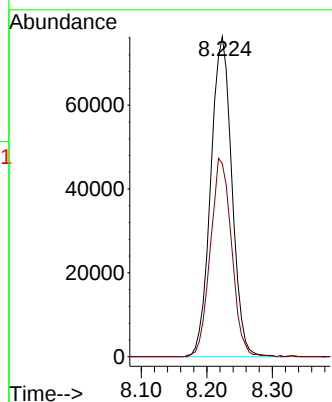


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

Instrument :
MSVOA_N
ClientSampleId :

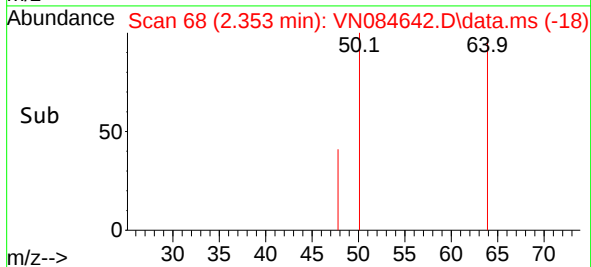
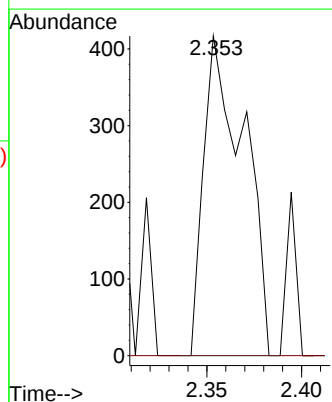
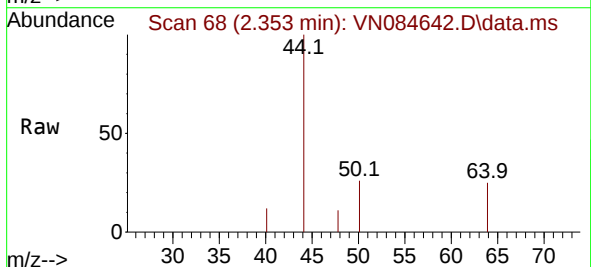


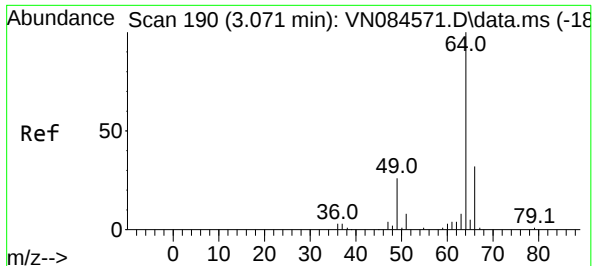
Tgt Ion:168 Resp: 170940
Ion Ratio Lower Upper
168 100
99 60.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

Tgt Ion: 50 Resp: 620
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

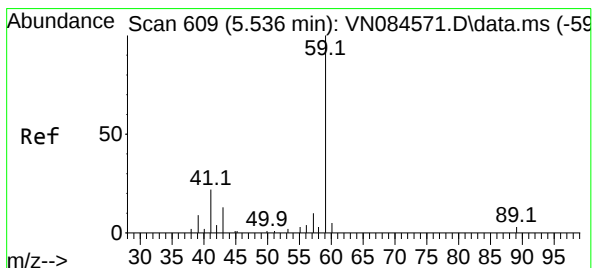
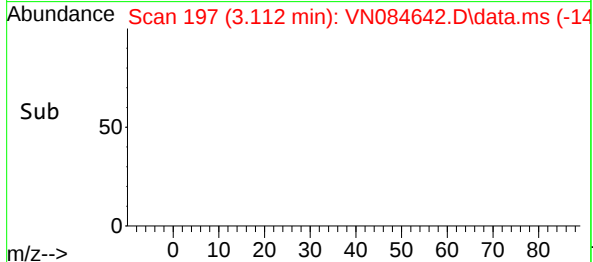
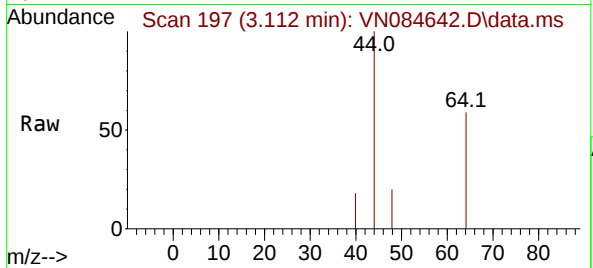




#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 19
Delta R.T. -0.006 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

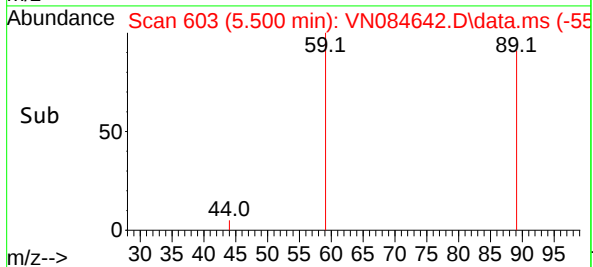
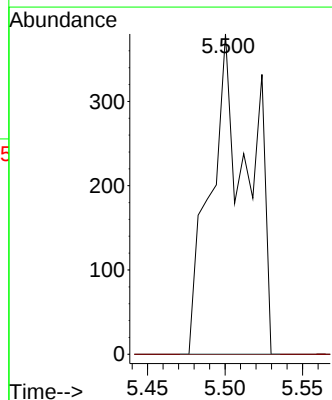
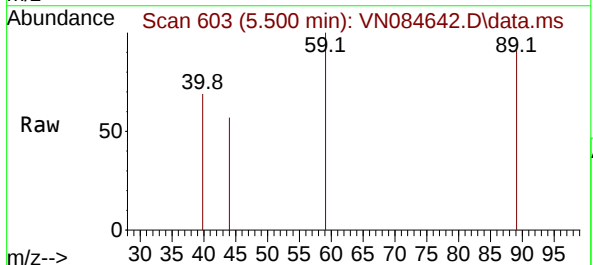
Instrument :
MSVOA_N
ClientSampleId :

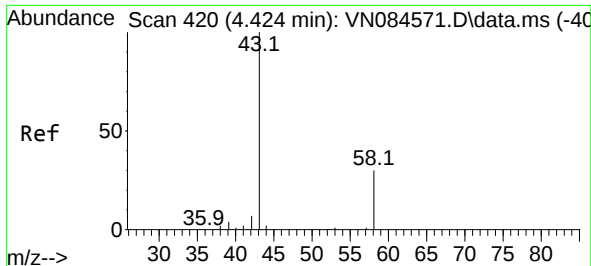
Tgt Ion: 64 Resp: 489
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 2.019 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.024 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

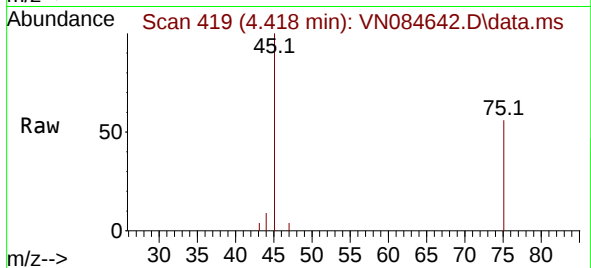
Tgt Ion: 59 Resp: 658
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



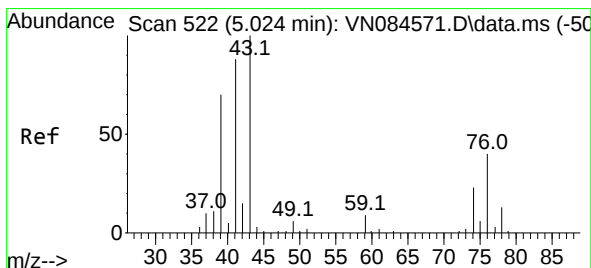
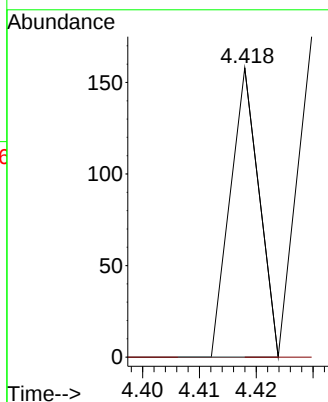
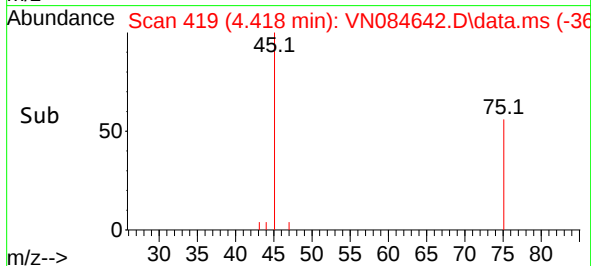


#16
Acetone
Concen: Below Cal
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

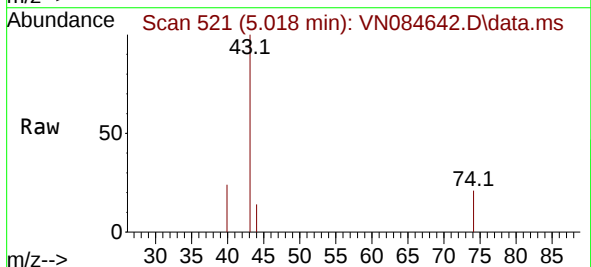
Instrument :
MSVOA_N
ClientSampleId :



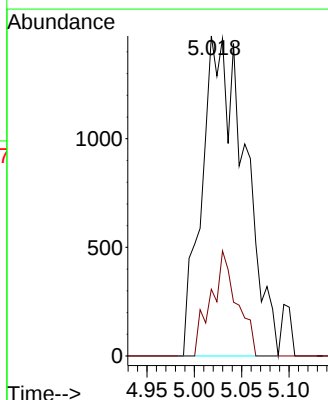
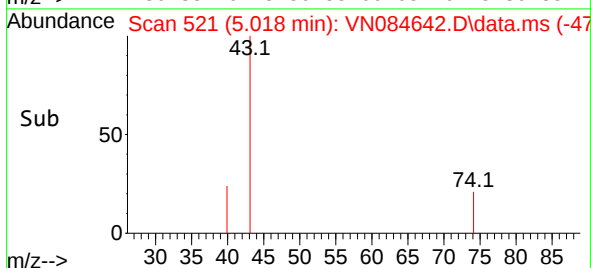
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

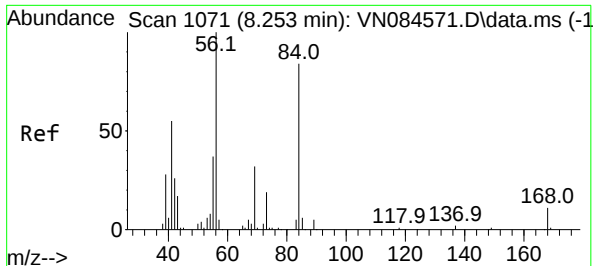


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43



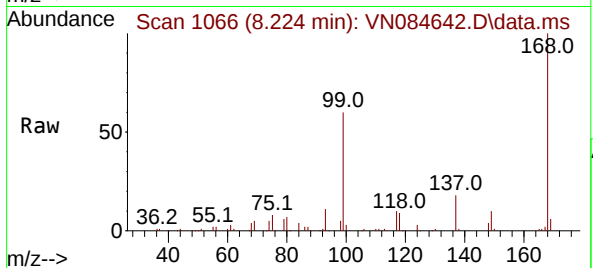
Tgt Ion: 43 Resp: 4684
Ion Ratio Lower Upper
43 100
74 19.8 19.2 28.8



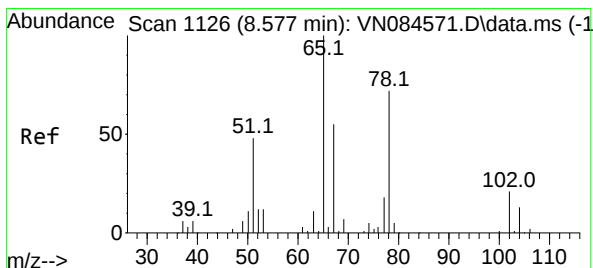
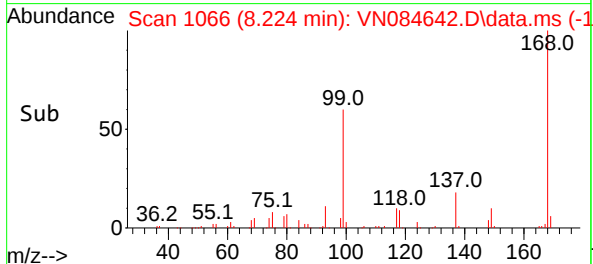
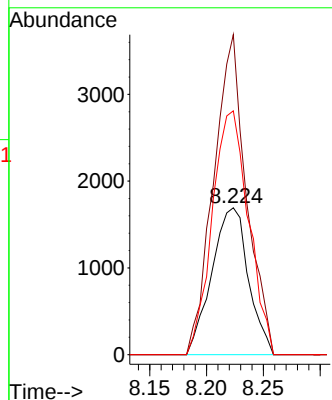


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

Instrument :
MSVOA_N
ClientSampleId :

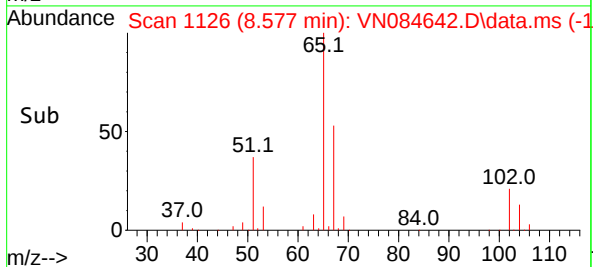
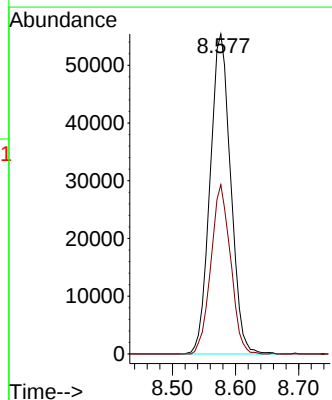
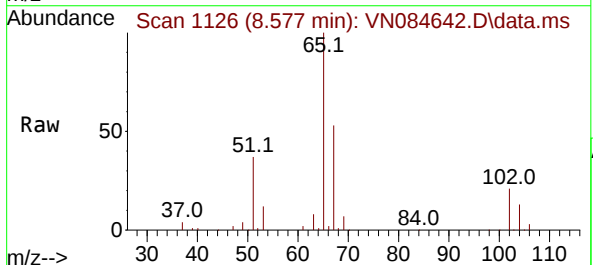


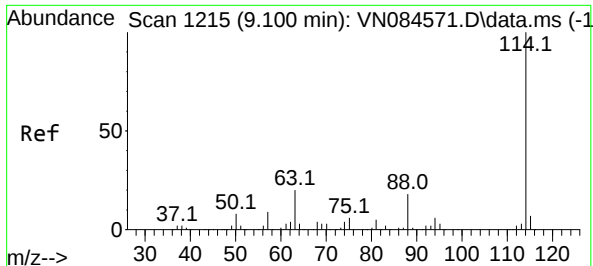
Tgt Ion: 56 Resp: 3791
Ion Ratio Lower Upper
56 100
69 218.0 23.8 35.6#
84 166.1 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 50.845 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

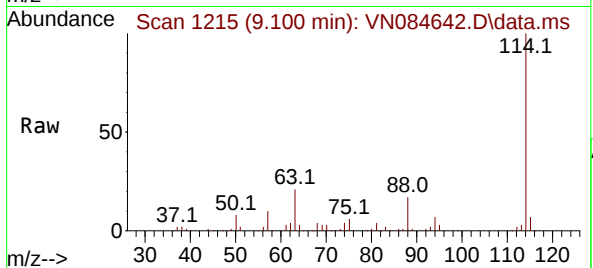
Tgt Ion: 65 Resp: 125533
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.0



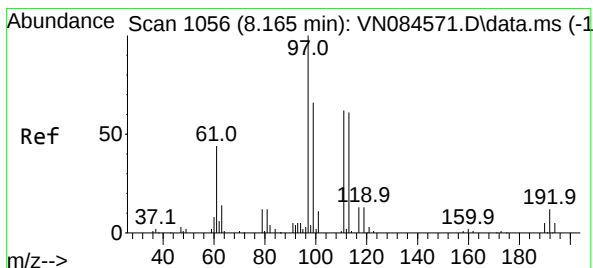
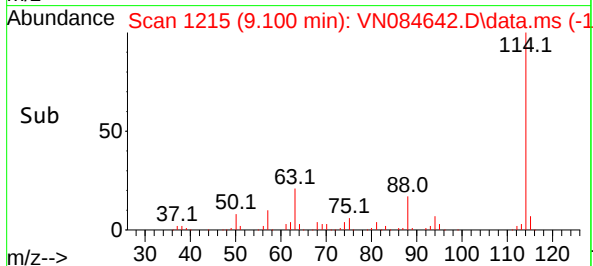
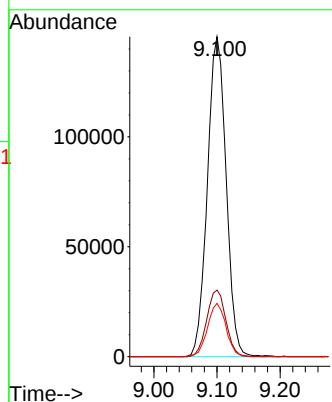


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

Instrument :
MSVOA_N
ClientSampleId :

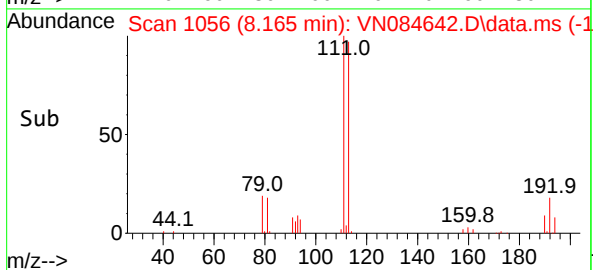
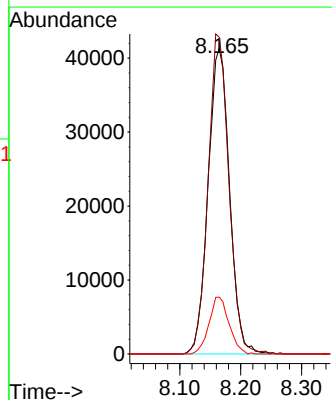
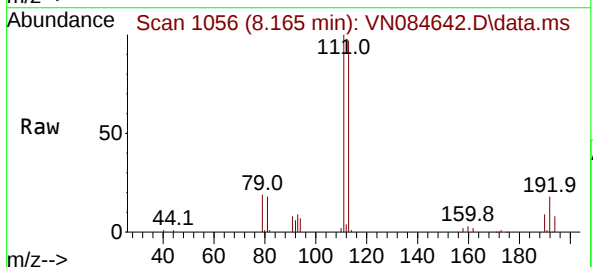


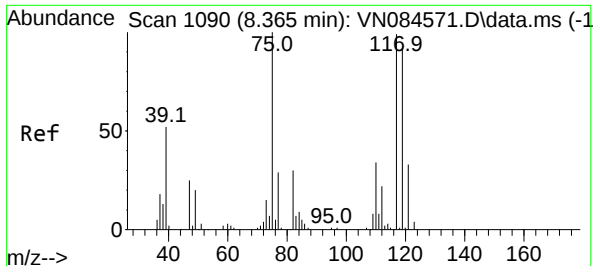
Tgt Ion:114 Resp: 300340
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.8
88 16.6 0.0 31.6



#35
Dibromofluoromethane
Concen: 49.667 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

Tgt Ion:113 Resp: 100969
Ion Ratio Lower Upper
113 100
111 101.9 83.3 124.9
192 17.4 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.036 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084642.D

Acq: 01 Nov 2024 16:43

Instrument :

MSVOA_N

ClientSampleId :

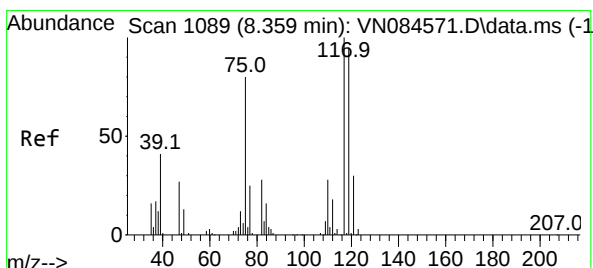
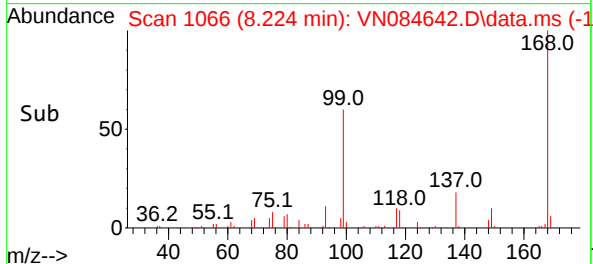
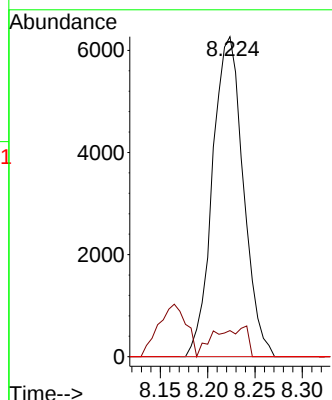
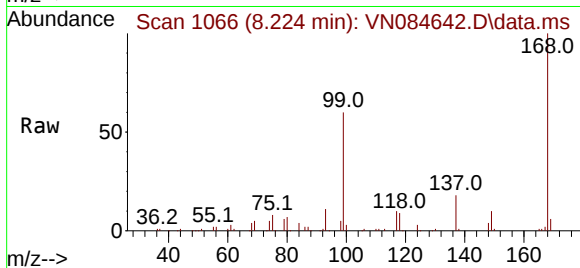
Tgt Ion: 75 Resp: 14199

Ion Ratio Lower Upper

75 100

110 10.0 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.829 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084642.D

Acq: 01 Nov 2024 16:43

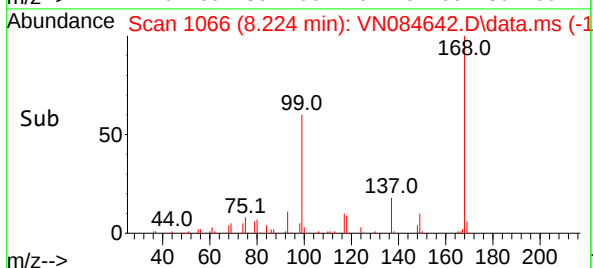
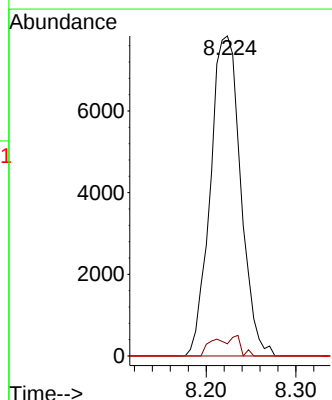
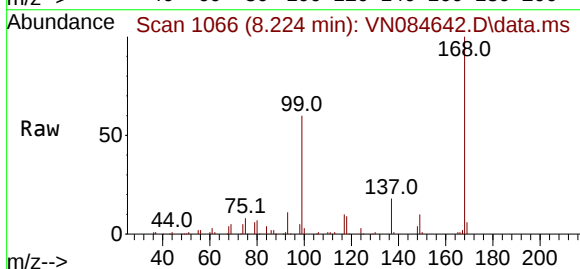
Tgt Ion: 117 Resp: 18371

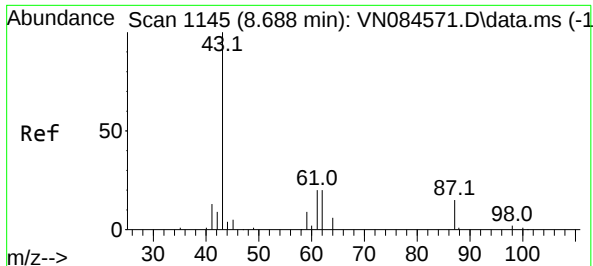
Ion Ratio Lower Upper

117 100

119 3.8 78.7 118.1#

121 0.0 24.4 36.6#

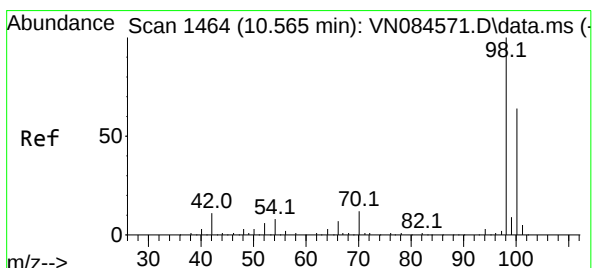
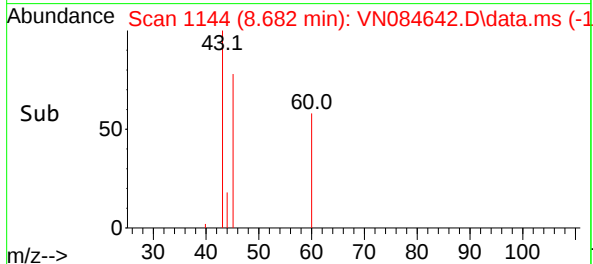
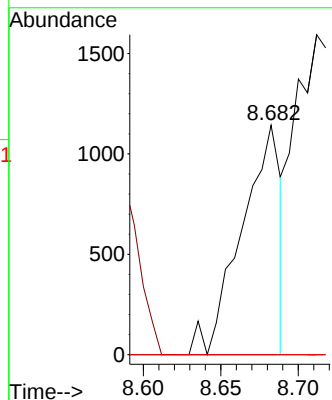
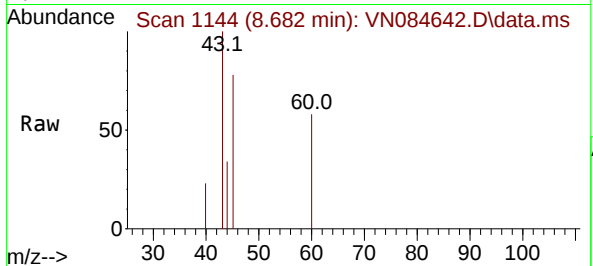




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

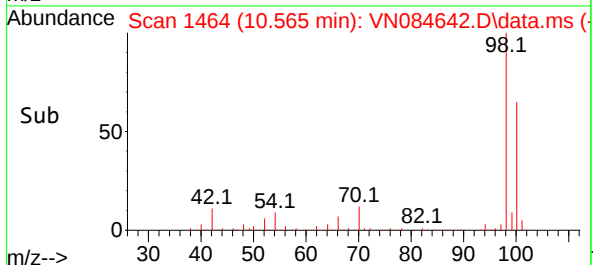
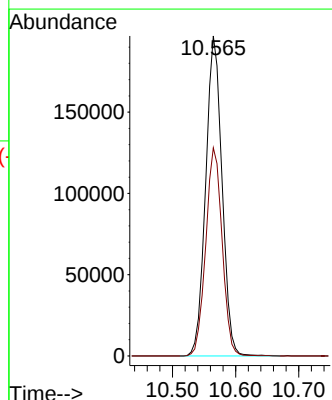
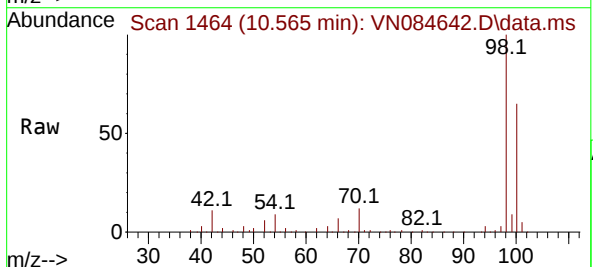
Instrument :
MSVOA_N
ClientSampleId :

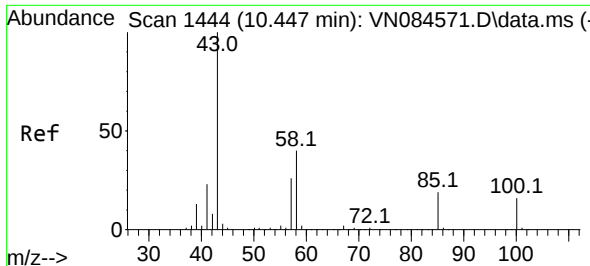
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 47.107 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

Tgt Ion: 98 Resp: 352772
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

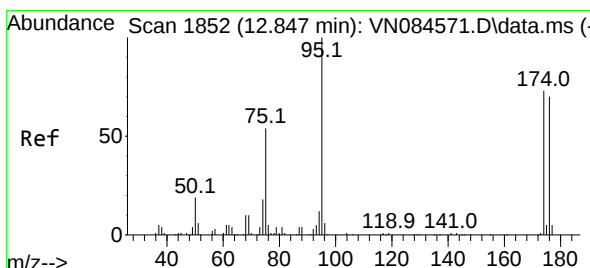
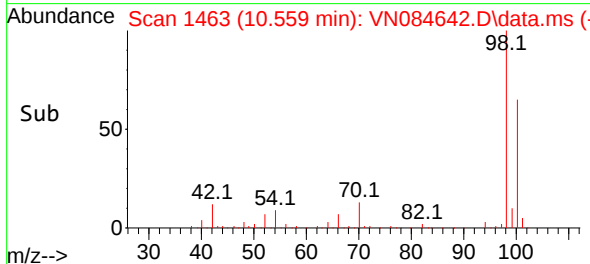
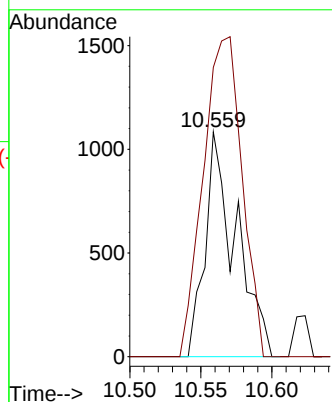
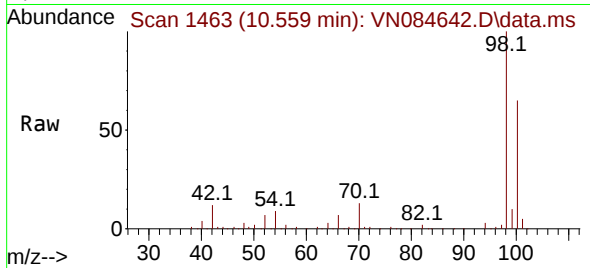




#51
4-Methyl-2-Pentanone
Concen: 0.668 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

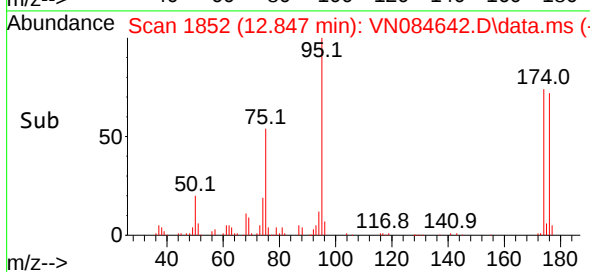
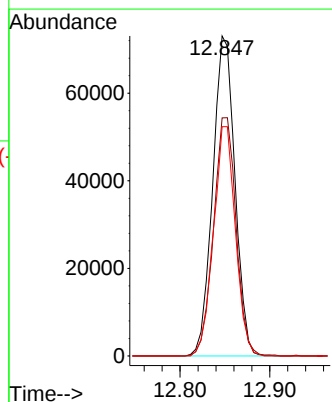
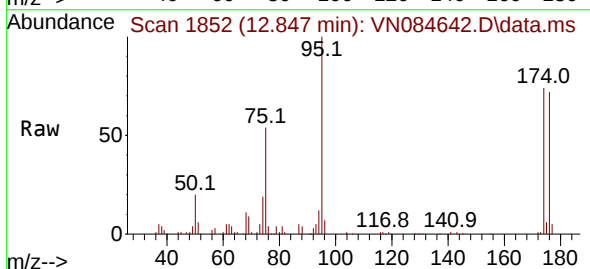
Instrument :
MSVOA_N
ClientSampleId :

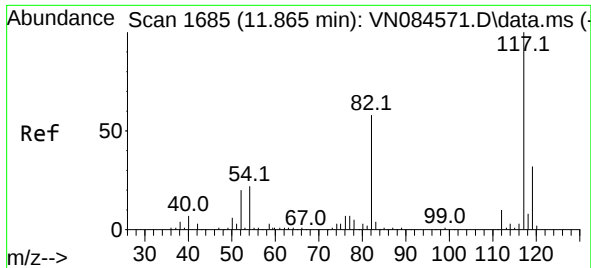
Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
58 180.2 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 44.807 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

Tgt Ion: 95 Resp: 125405
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.2
176 71.0 0.0 140.0

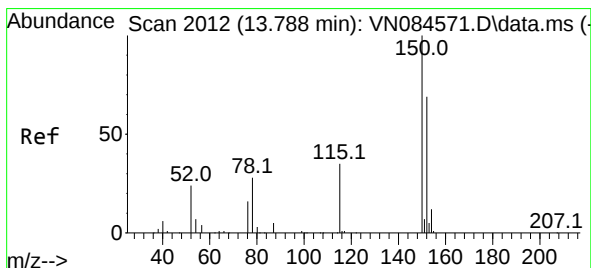
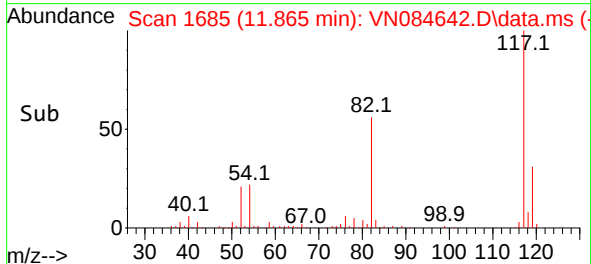
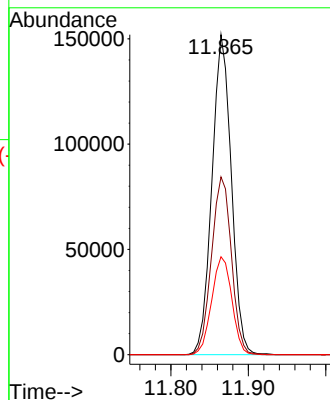
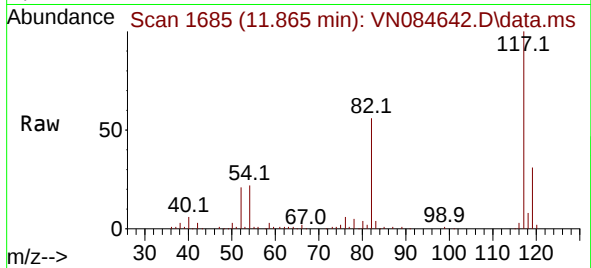




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

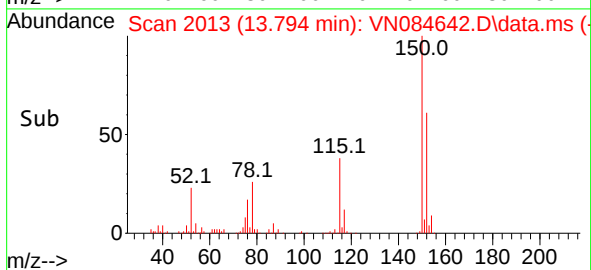
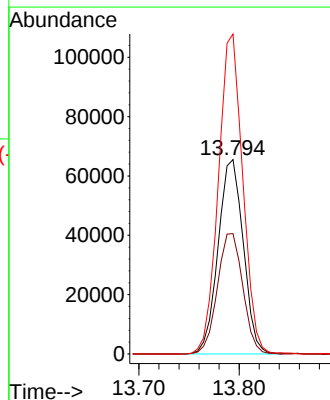
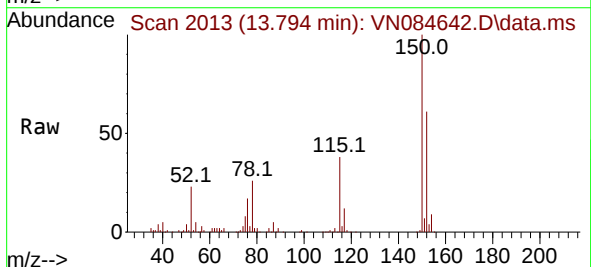
Instrument :
MSVOA_N
ClientSampleId :

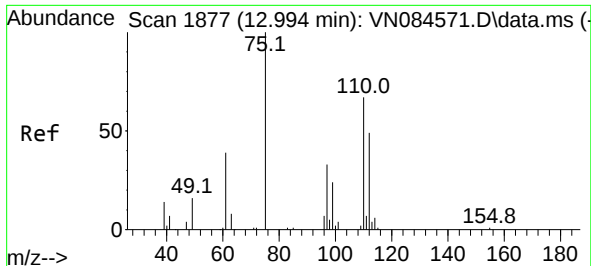
Tgt Ion:117 Resp: 263892
Ion Ratio Lower Upper
117 100
82 55.5 47.2 70.8
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

Tgt Ion:152 Resp: 114284
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.9
150 159.3 0.0 349.8

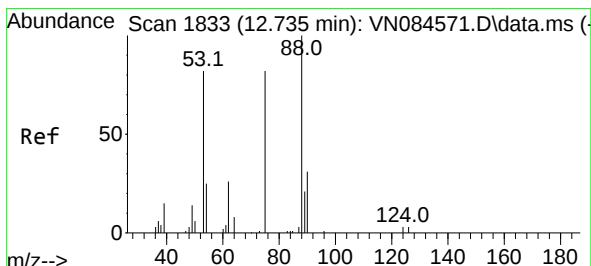
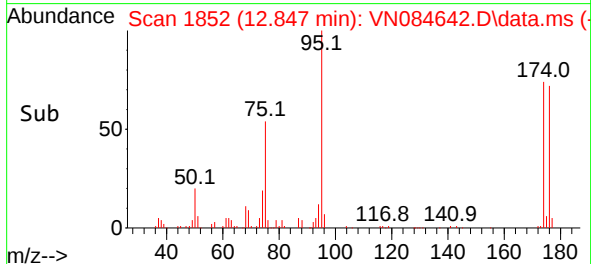
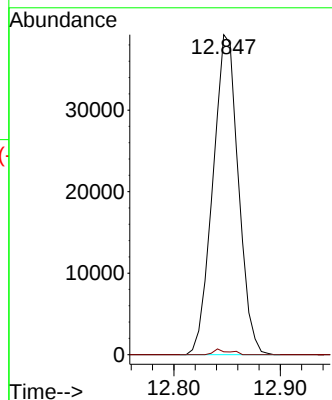
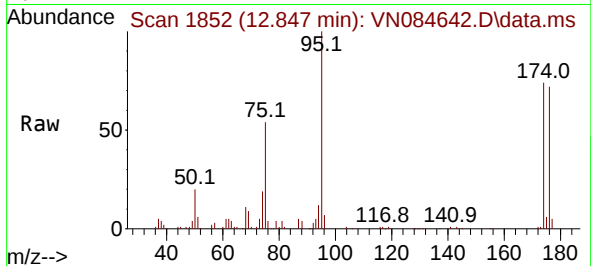




#76
1,2,3-Trichloropropane
Concen: 28.556 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

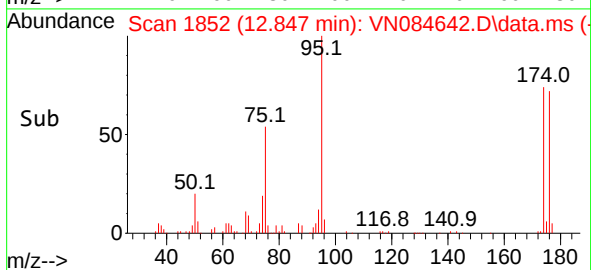
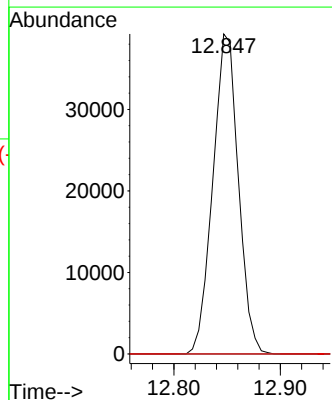
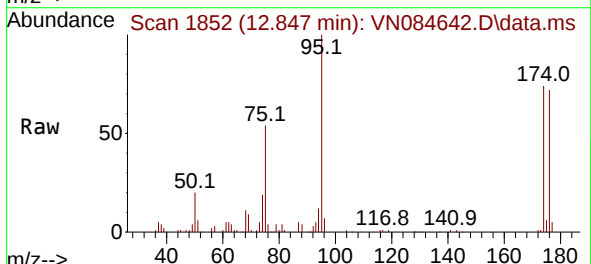
Instrument :
MSVOA_N
ClientSampleId :

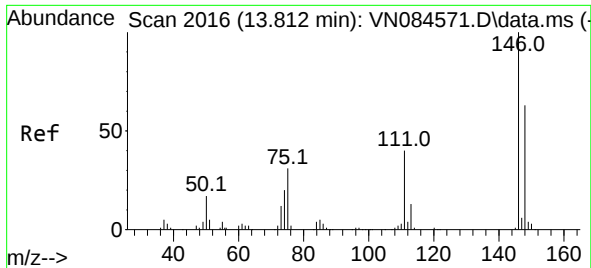
Tgt Ion: 75 Resp: 65235
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.746 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084642.D
Acq: 01 Nov 2024 16:43

Tgt Ion: 75 Resp: 65235
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.806 min Scan# 20

Delta R.T. -0.006 min

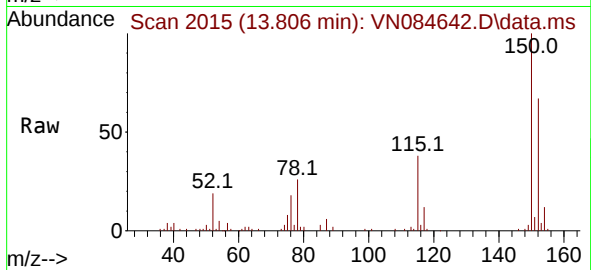
Lab File: VN084642.D

Acq: 01 Nov 2024 16:43

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:146 Resp: 394

Ion Ratio Lower Upper

146 100

111 376.6 21.2 63.6#

148 140.1 31.9 95.9#

