

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084809.D
 Acq On : 12 Nov 2024 20:26
 Operator : JC\MD
 Sample : P4780-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 13 02:37:38 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)

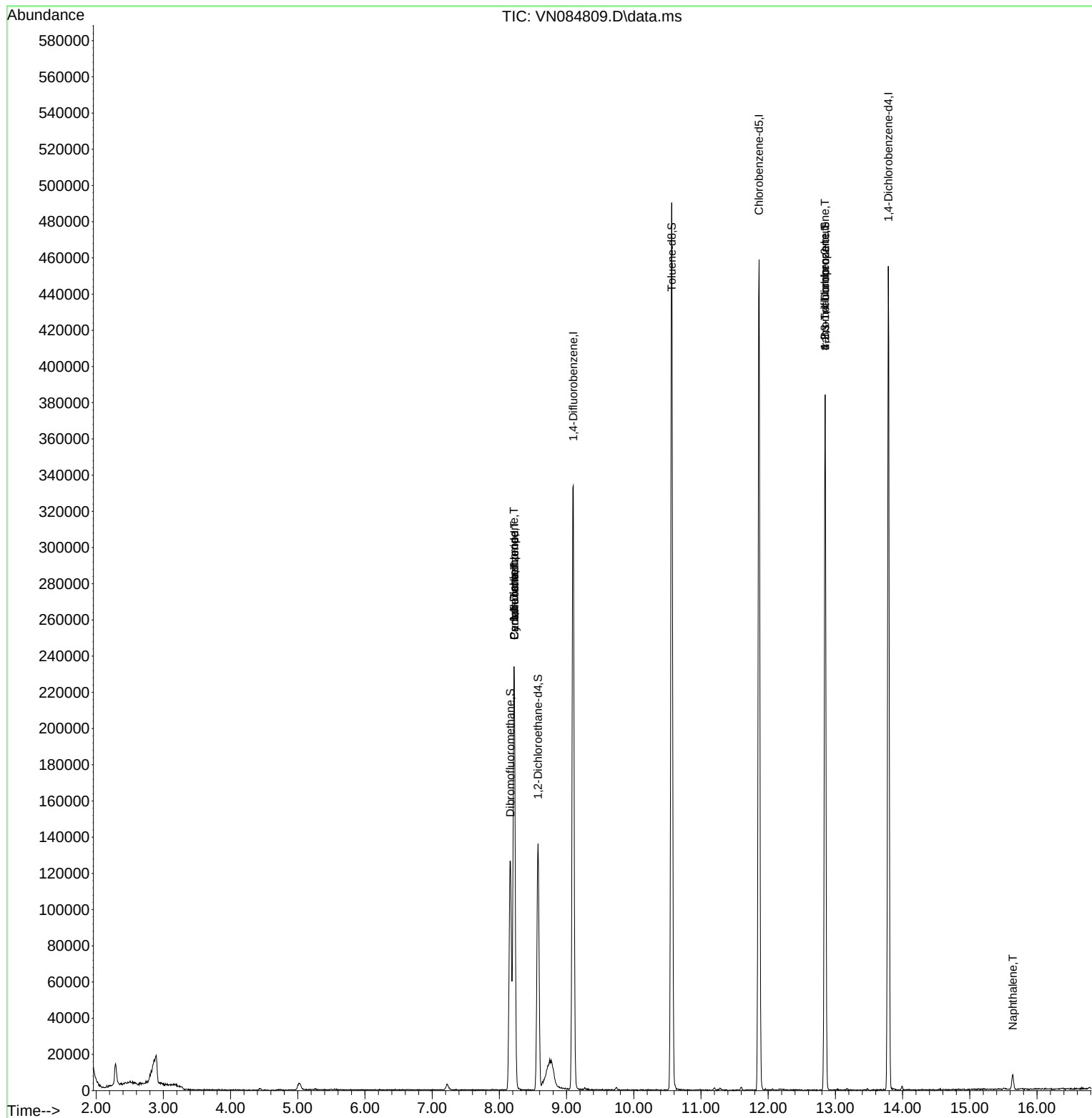
Internal Standards						
1) Pentafluorobenzene	8.224	168	171524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116568	47.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.100%		
35) Dibromofluoromethane	8.165	113	94949	47.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.660%		
50) Toluene-d8	10.565	98	334645	45.280	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.560%		
62) 4-Bromofluorobenzene	12.847	95	136021	49.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.500%		
Target Compounds						
3) Chloromethane	2.365	50	653	Below Cal	#	86
6) Chloroethane	3.118	64	244	Below Cal	#	45
16) Acetone	4.424	43	509	Below Cal	#	44
18) Methyl Acetate	5.018	43	8539	Below Cal		97
31) Cyclohexane	8.224	56	3509	1.026	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14076	5.059	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17983	5.782	ug/l #	14
43) Isopropyl Acetate	8.647	43	2445	Below Cal	#	56
76) 1,2,3-Trichloropropane	12.847	75	69726	28.813	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69726	68.355	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	62	Below Cal	#	24
95) Naphthalene	15.641	128	9010	1.286	ug/l	99

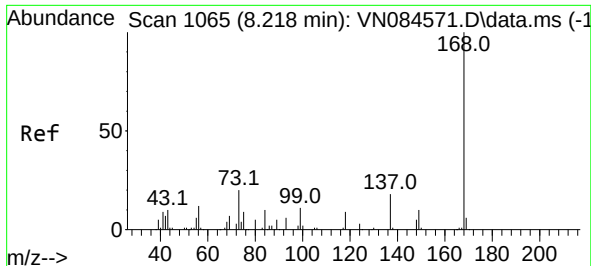
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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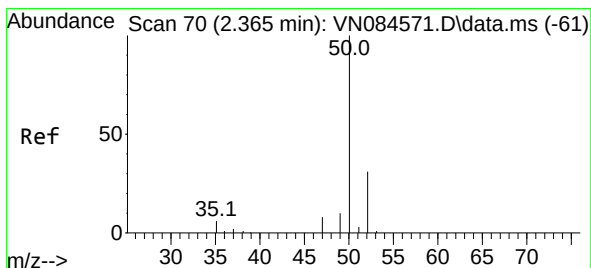
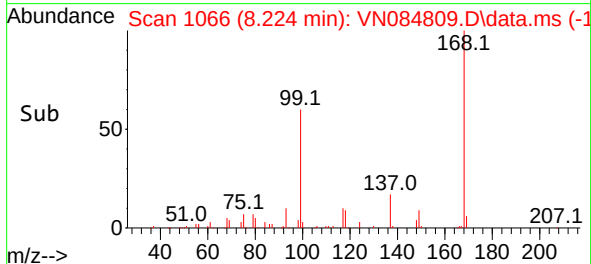
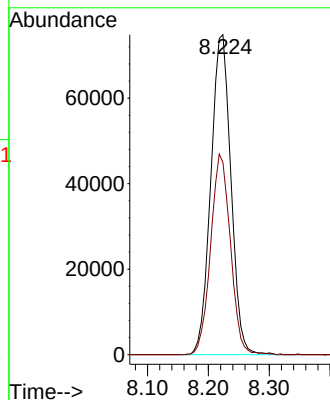
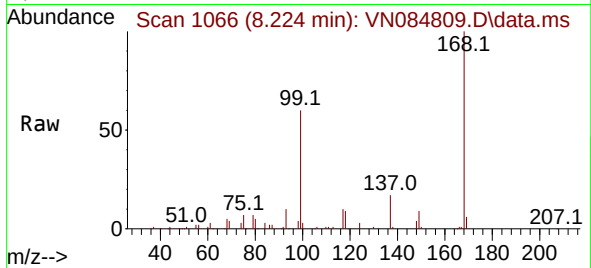




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

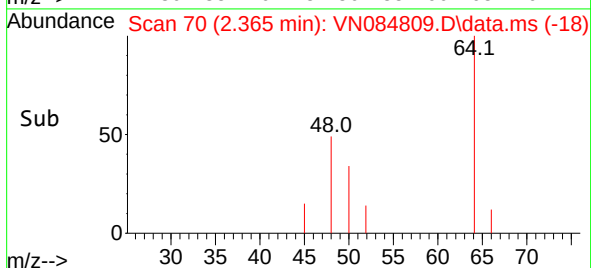
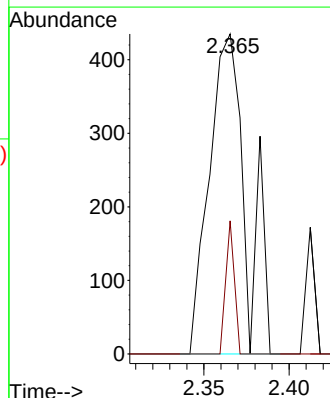
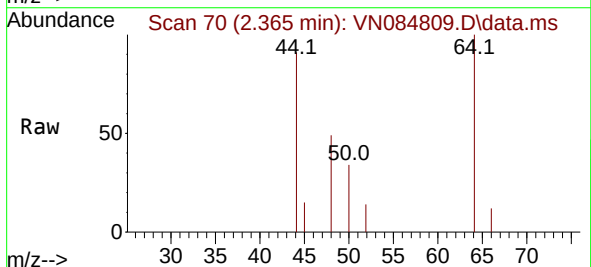
Instrument :
MSVOA_N
ClientSampleId :

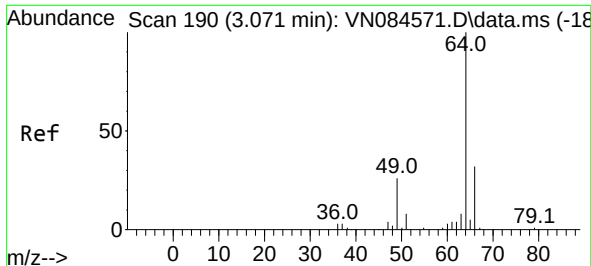
Tgt Ion:168 Resp: 171524
Ion Ratio Lower Upper
168 100
99 60.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Tgt Ion: 50 Resp: 653
Ion Ratio Lower Upper
50 100
52 41.6 26.8 40.2#

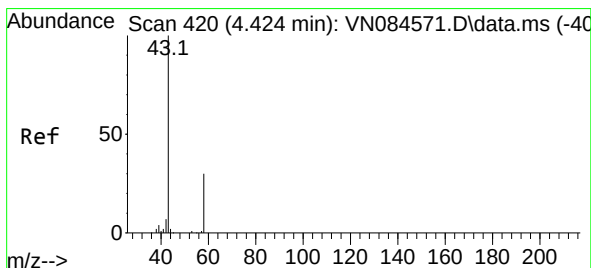
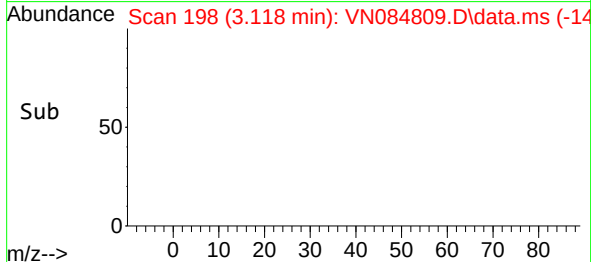
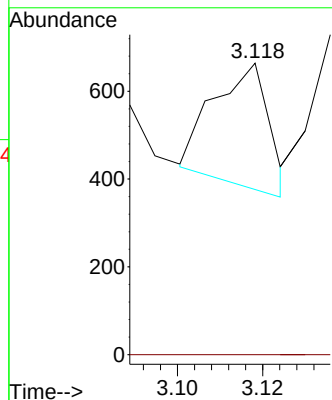
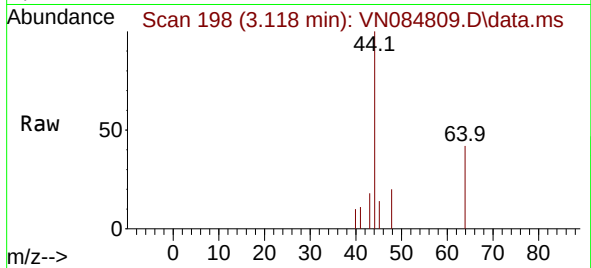




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 190
Delta R.T. 0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

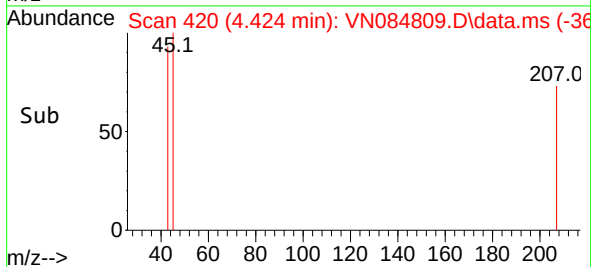
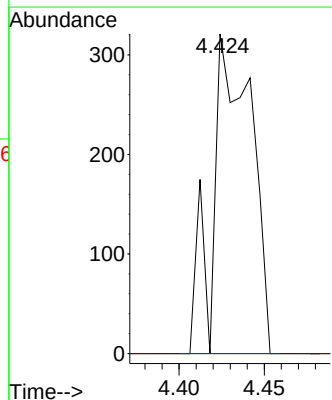
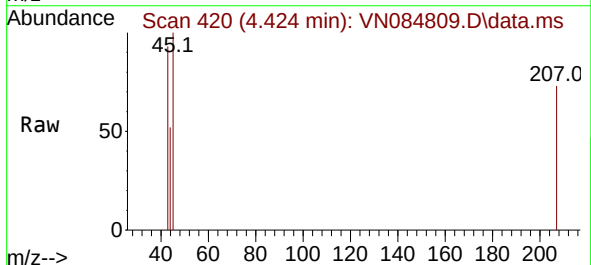
Instrument :
MSVOA_N
ClientSampleId :

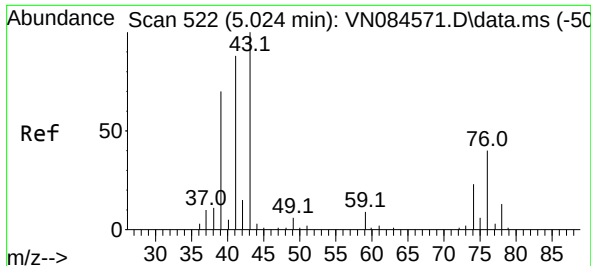
Tgt Ion: 64 Resp: 244
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

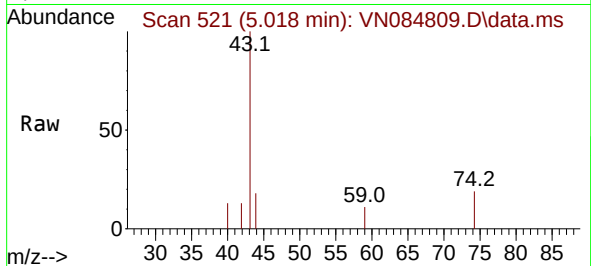
Tgt Ion: 43 Resp: 509
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



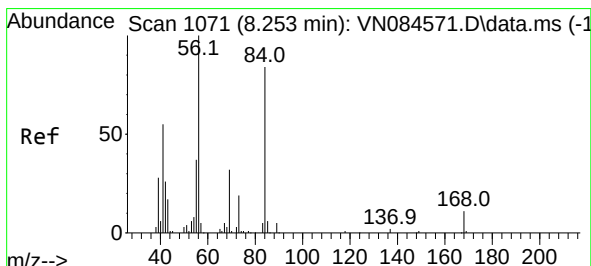
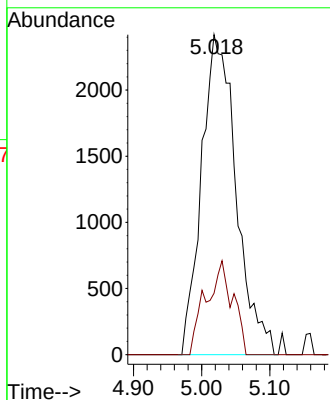
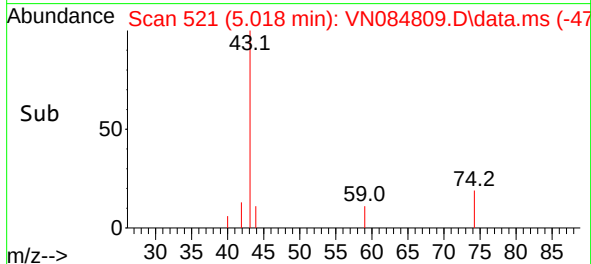


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Instrument :
MSVOA_N
ClientSampleId :

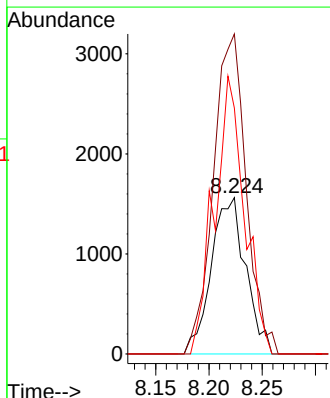
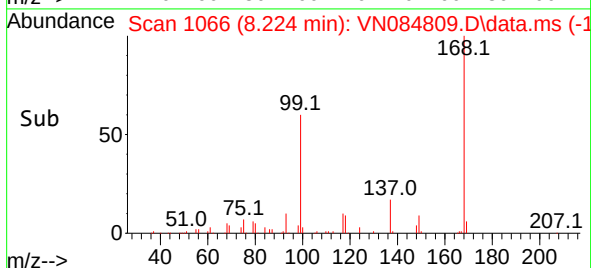
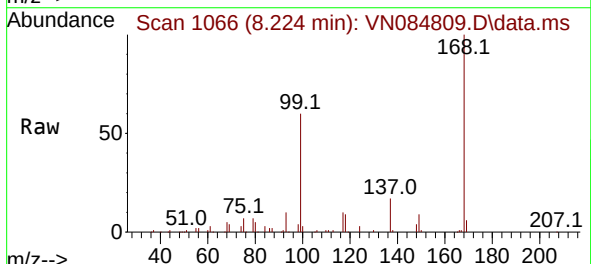


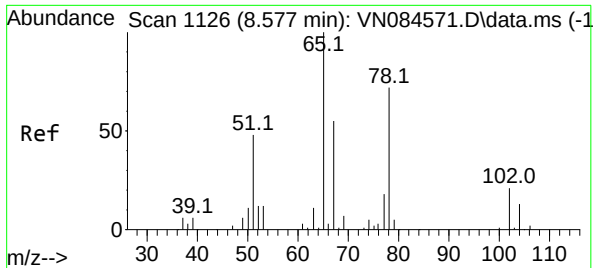
Tgt Ion: 43 Resp: 8539
Ion Ratio Lower Upper
43 100
74 22.7 19.2 28.8



#31
Cyclohexane
Concen: 1.026 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Tgt Ion: 56 Resp: 3509
Ion Ratio Lower Upper
56 100
69 204.8 23.8 35.6#
84 157.4 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.053 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084809.D

Acq: 12 Nov 2024 20:26

Instrument :

MSVOA_N

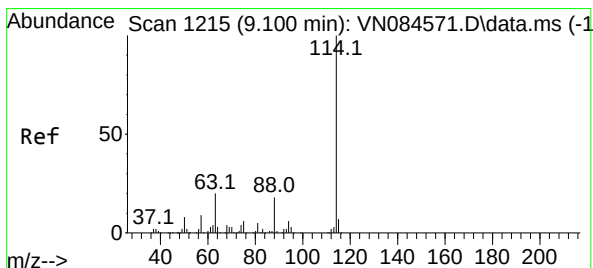
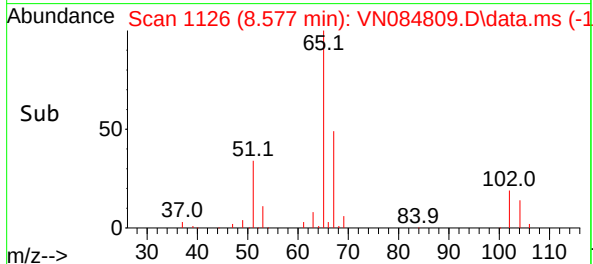
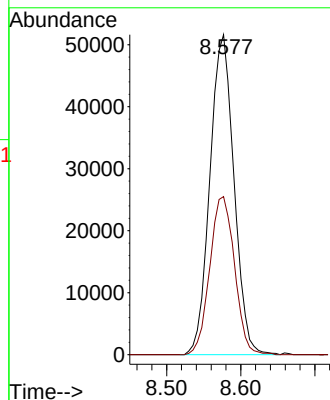
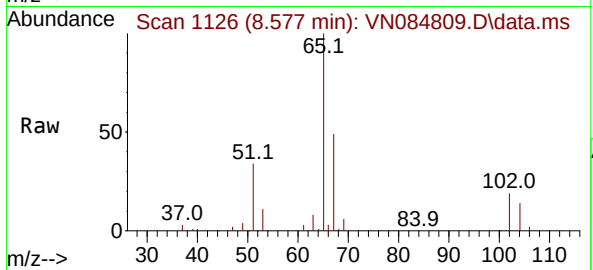
ClientSampleId :

Tgt Ion: 65 Resp: 116568

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084809.D

Acq: 12 Nov 2024 20:26

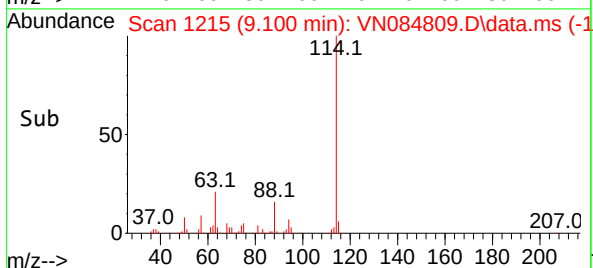
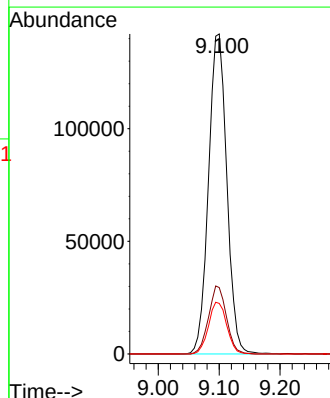
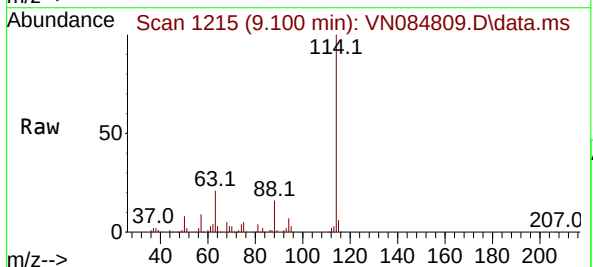
Tgt Ion: 114 Resp: 296404

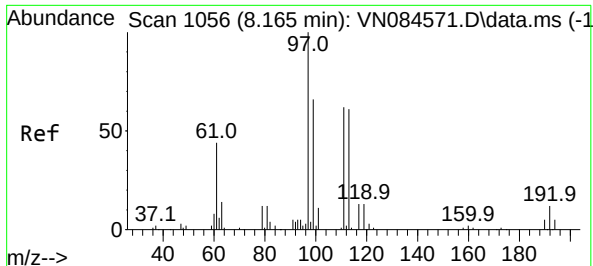
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.325 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

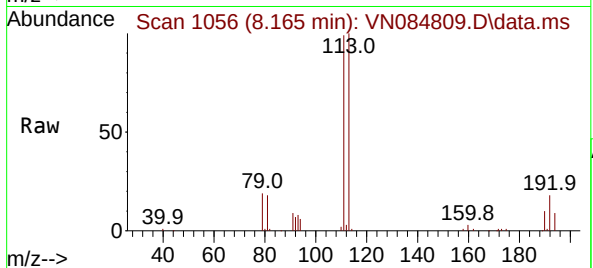
Lab File: VN084809.D

Acq: 12 Nov 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :



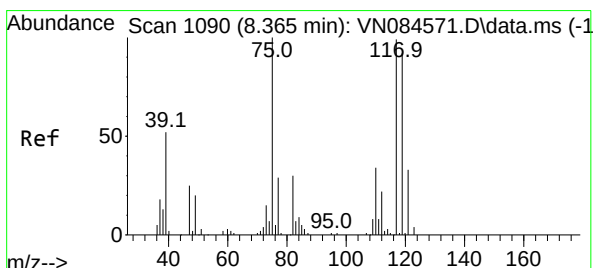
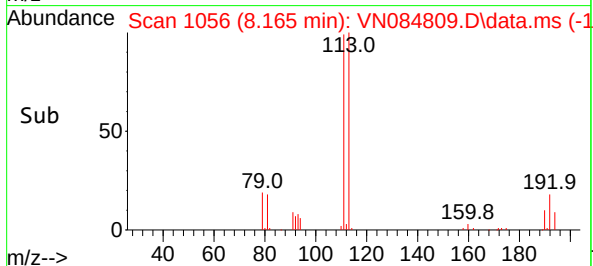
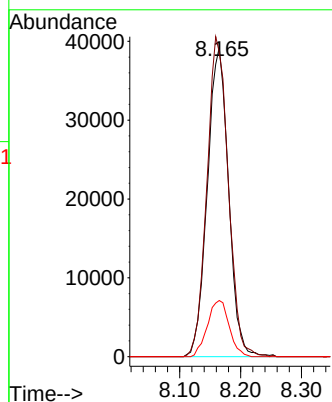
Tgt Ion:113 Resp: 94949

Ion Ratio Lower Upper

113 100

111 104.2 83.3 124.9

192 18.6 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.059 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084809.D

Acq: 12 Nov 2024 20:26

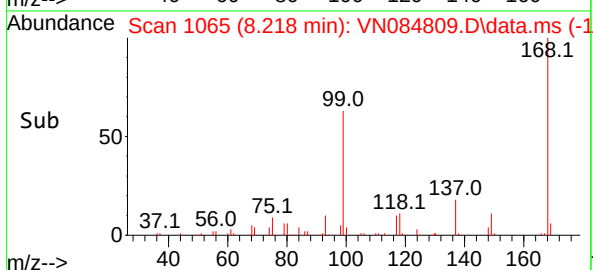
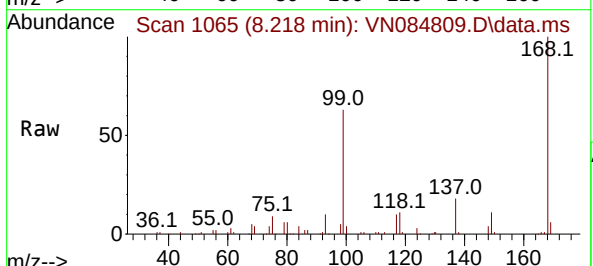
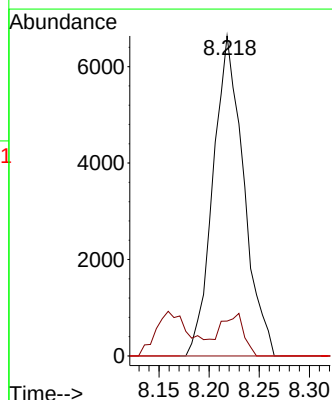
Tgt Ion: 75 Resp: 14076

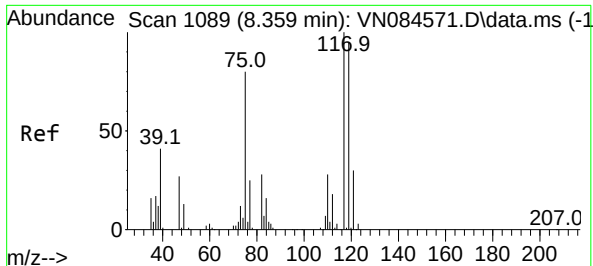
Ion Ratio Lower Upper

75 100

110 9.2 16.9 50.7#

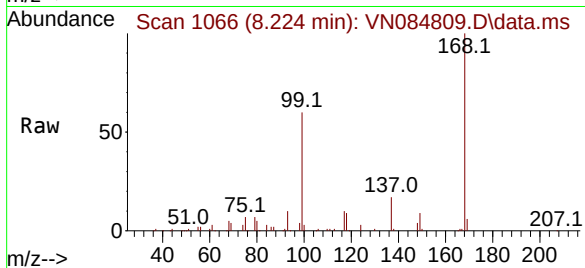
77 0.0 24.7 37.1#



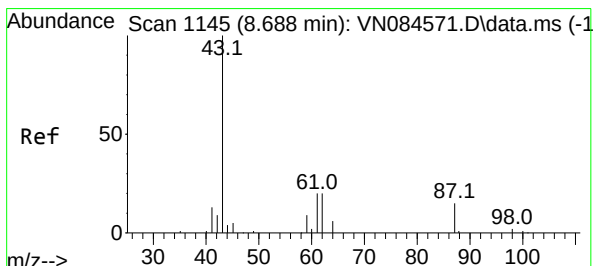
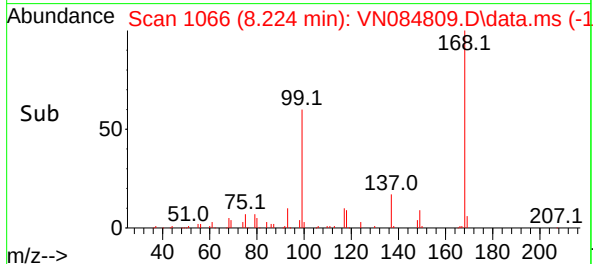
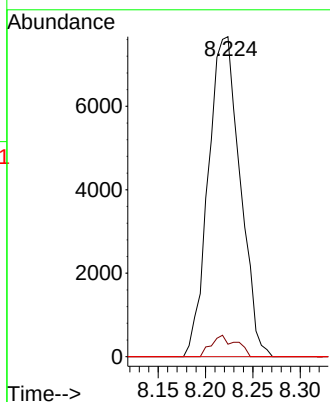


#38
Carbon Tetrachloride
Concen: 5.782 ug/l
RT: 8.224 min Scan# 1138
Delta R.T. -0.135 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Instrument :
MSVOA_N
ClientSampleId :

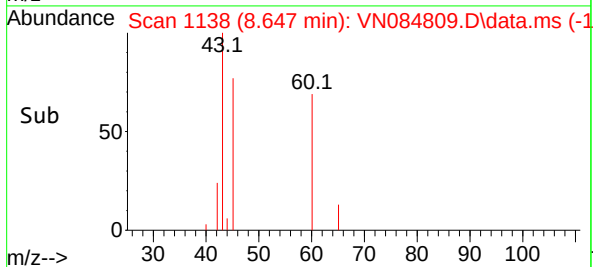
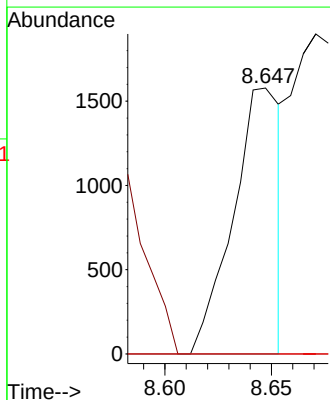
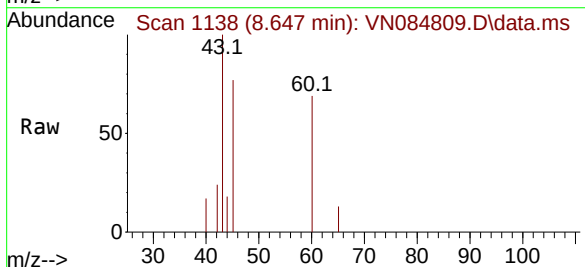


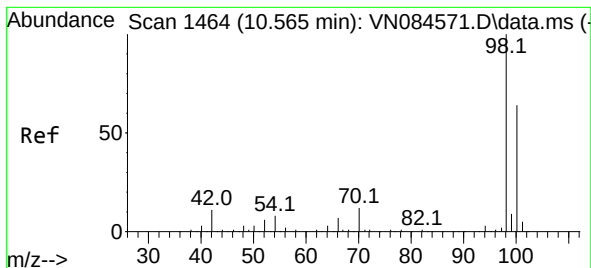
Tgt Ion:117 Resp: 17983
Ion Ratio Lower Upper
117 100
119 3.9 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.647 min Scan# 1138
Delta R.T. -0.041 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Tgt Ion: 43 Resp: 2445
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

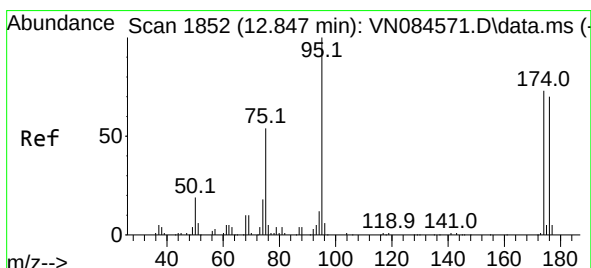
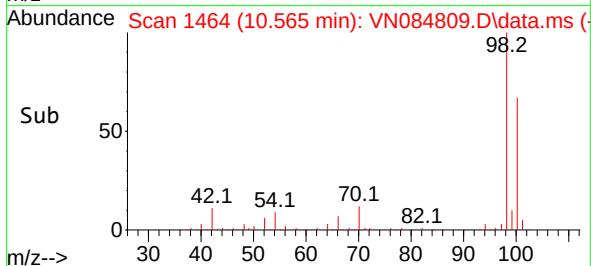
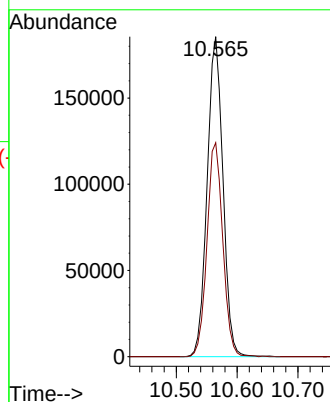
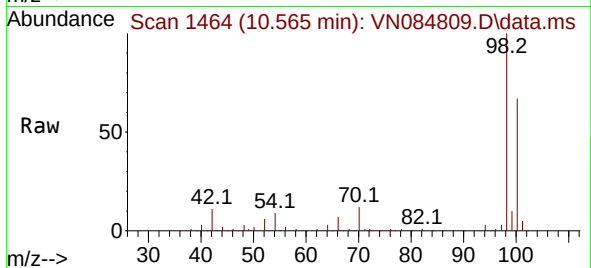




#50
Toluene-d8
Concen: 45.280 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

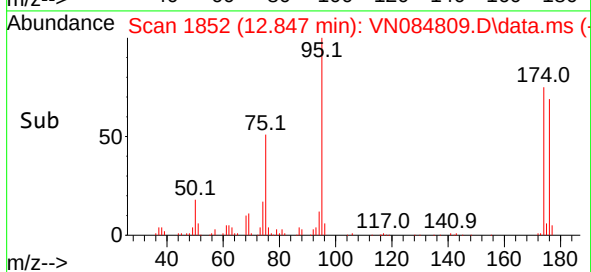
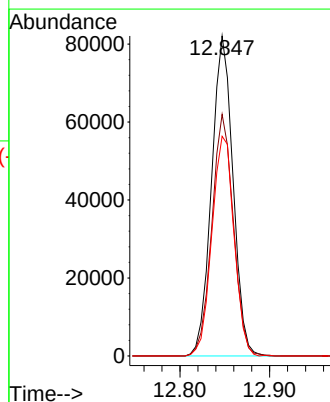
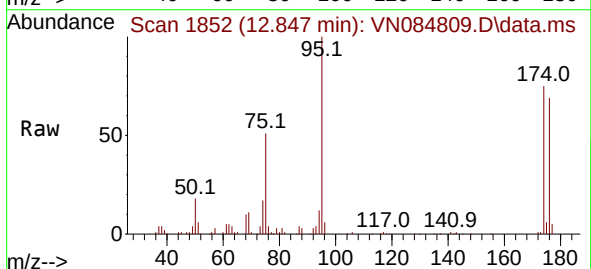
Instrument :
MSVOA_N
ClientSampleId :

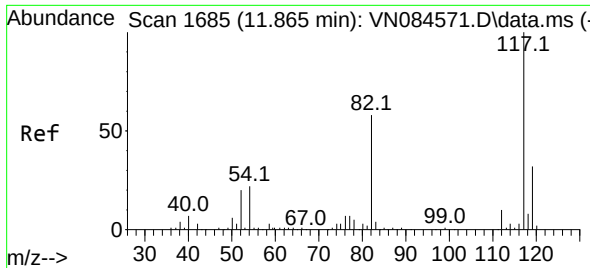
Tgt Ion: 98 Resp: 334645
Ion Ratio Lower Upper
98 100
100 66.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.246 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Tgt Ion: 95 Resp: 136021
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.2
176 70.9 0.0 140.0

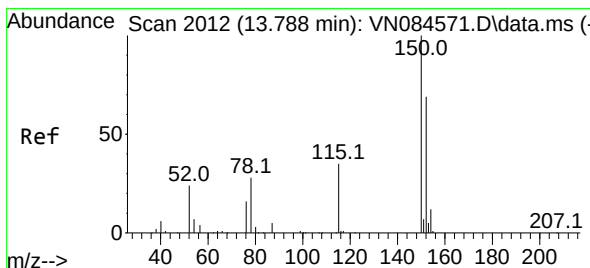
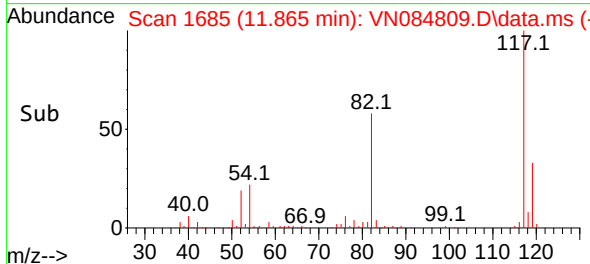
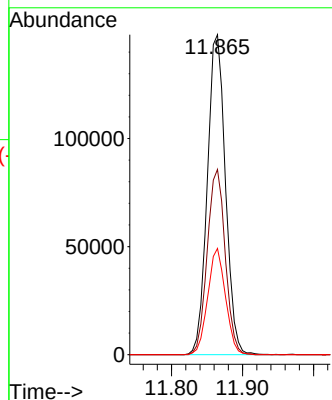
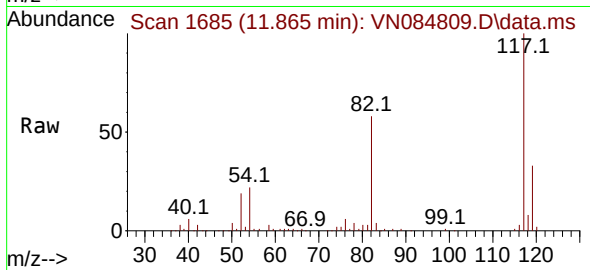




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

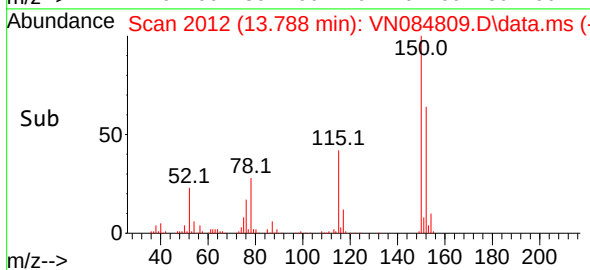
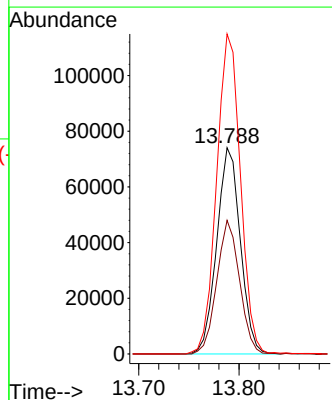
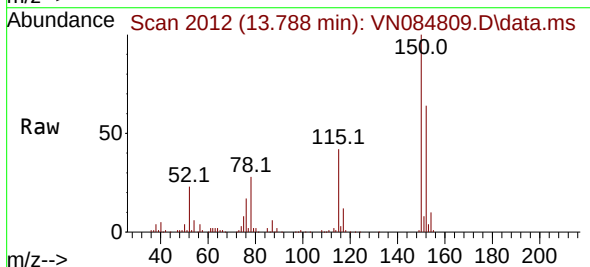
Instrument :
MSVOA_N
ClientSampleId :

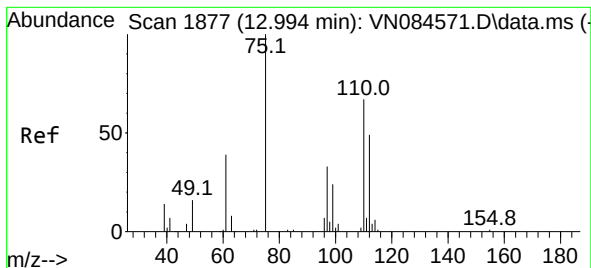
Tgt Ion:117 Resp: 262417
Ion Ratio Lower Upper
117 100
82 57.9 47.2 70.8
119 33.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Tgt Ion:152 Resp: 121062
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.9
150 156.5 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 28.813 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084809.D

Acq: 12 Nov 2024 20:26

Instrument :

MSVOA_N

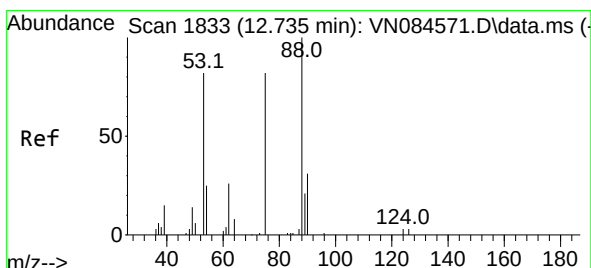
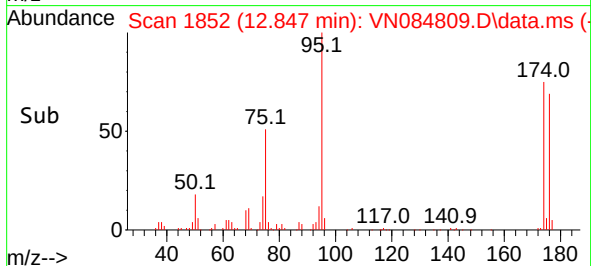
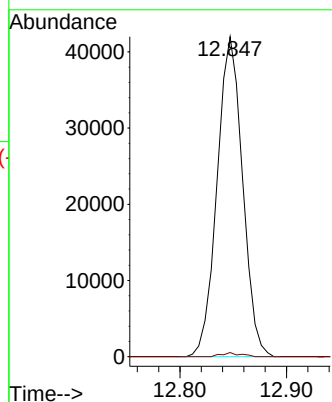
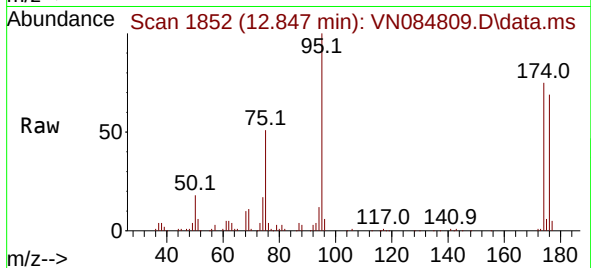
ClientSampleId :

Tgt Ion: 75 Resp: 69726

Ion Ratio Lower Upper

75 100

77 0.9 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.355 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084809.D

Acq: 12 Nov 2024 20:26

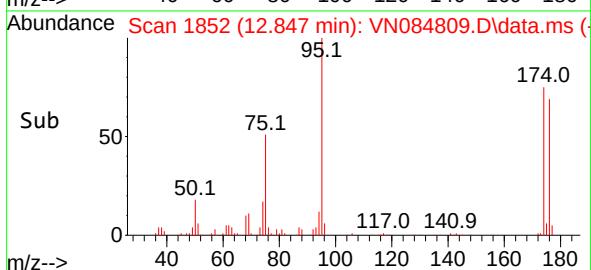
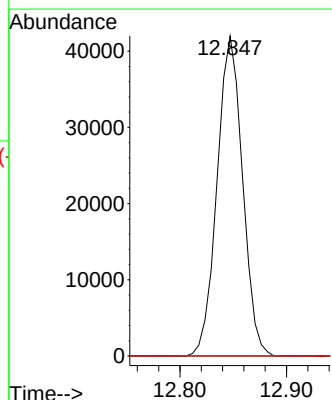
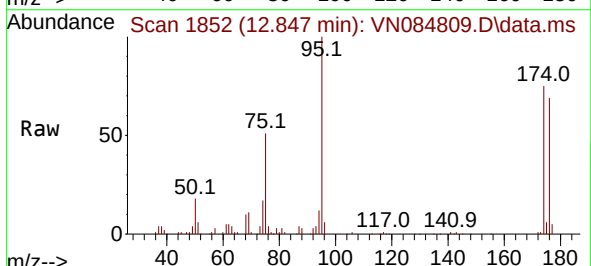
Tgt Ion: 75 Resp: 69726

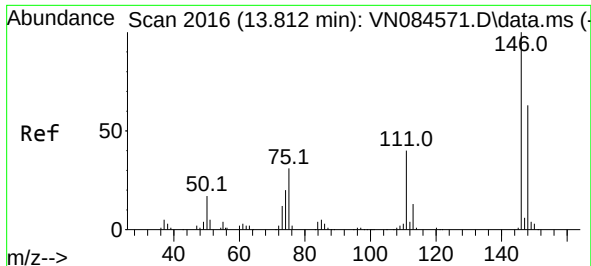
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

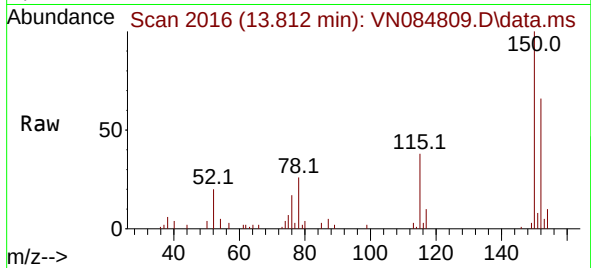
89 0.0 35.5 53.3#



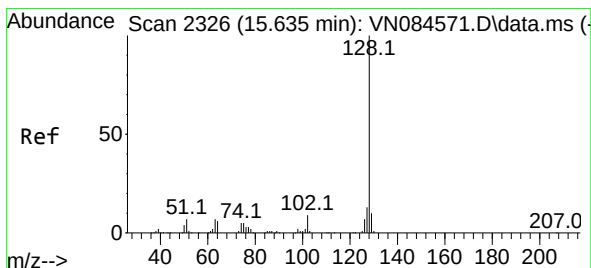
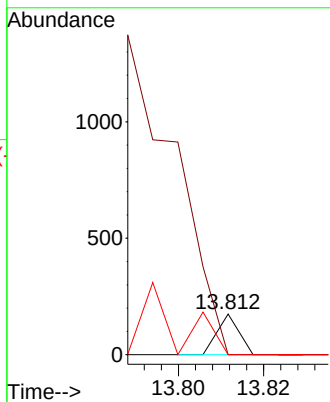
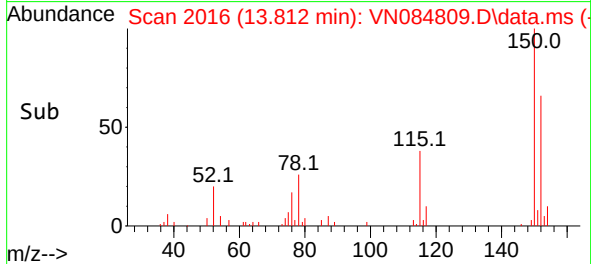


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

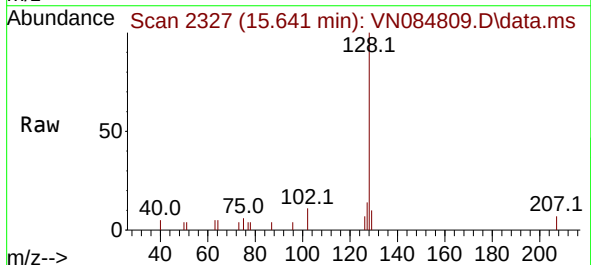
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 62
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#



#95
Naphthalene
Concen: 1.286 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26



Tgt Ion:128 Resp: 9010
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 10.7 8.7 13.1

