

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084634.D
 Acq On : 01 Nov 2024 13:20
 Operator : JC\MD
 Sample : P4658-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 04:26:43 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)

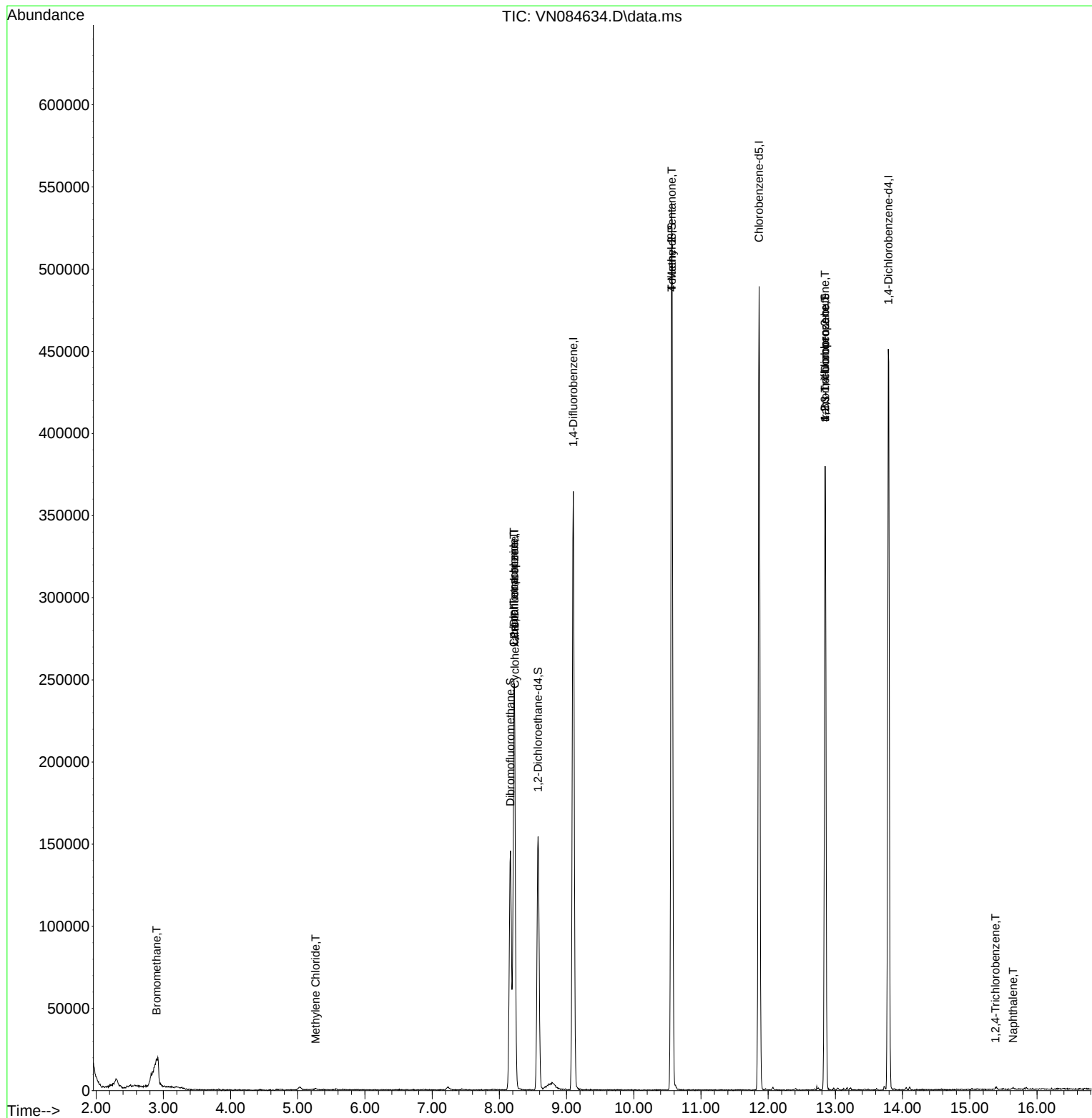
Internal Standards						
1) Pentafluorobenzene	8.224	168	177716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	130011	50.651	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.300%		
35) Dibromofluoromethane	8.165	113	104651	49.334	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.660%		
50) Toluene-d8	10.565	98	371650	47.562	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.120%		
62) 4-Bromofluorobenzene	12.847	95	132405	45.339	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.680%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1375	Below Cal	#	86
5) Bromomethane	2.900	94	350	0.301	ug/l	83
6) Chloroethane	3.136	64	111	Below Cal	#	45
16) Acetone	4.447	43	758	Below Cal	#	44
18) Methyl Acetate	5.030	43	3540	Below Cal	#	87
20) Methylene Chloride	5.265	84	581	0.257	ug/l #	37
31) Cyclohexane	8.229	56	4189	1.182	ug/l #	8
36) 1,1-Dichloropropene	8.218	75	14238	4.840	ug/l #	50
38) Carbon Tetrachloride	8.218	117	19472	5.922	ug/l #	16
43) Isopropyl Acetate	8.671	43	866	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.565	43	1525	0.599	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68218	27.815	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68218	65.989	ug/l #	11
88) 1,4-Dichlorobenzene	13.729	146	875	Below Cal		86
93) 1,2,4-Trichlorobenzene	15.382	180	498	0.210	ug/l #	20
95) Naphthalene	15.647	128	1753	0.247	ug/l #	74

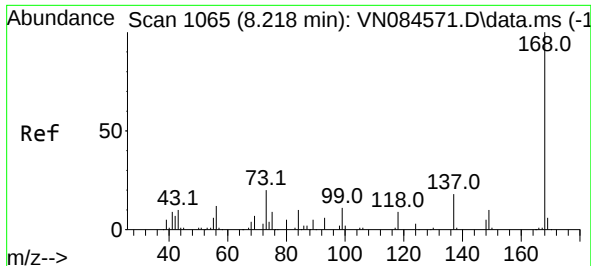
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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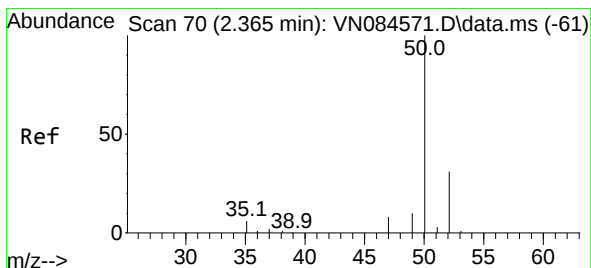
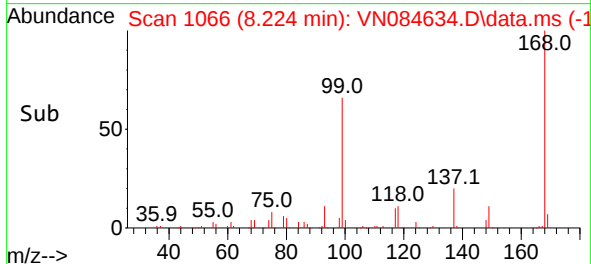
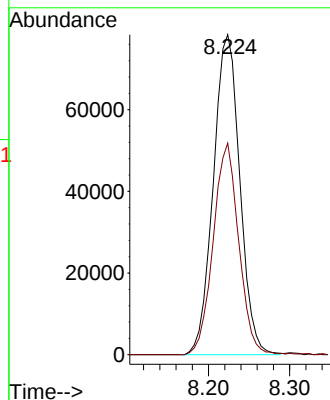
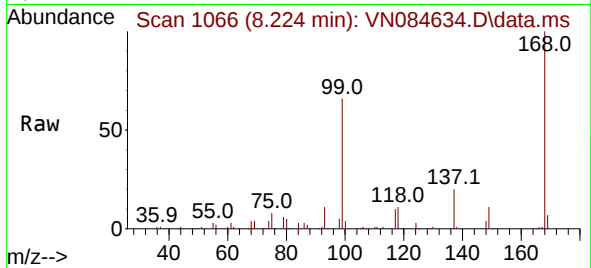




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

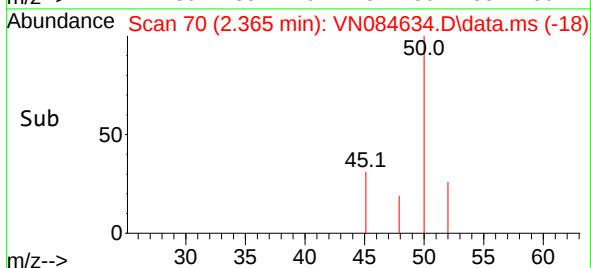
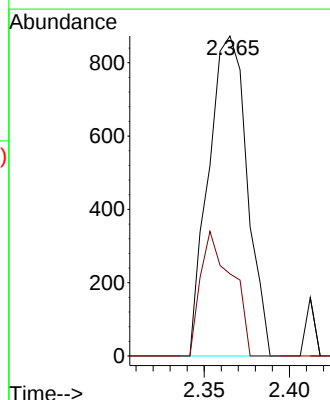
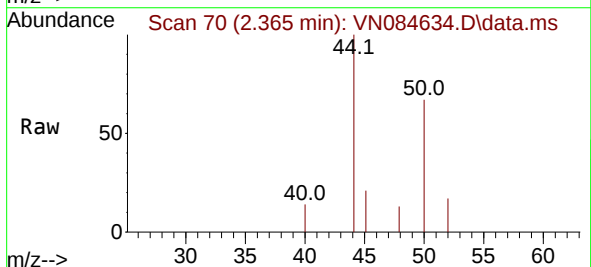
Instrument :
MSVOA_N
ClientSampleId :

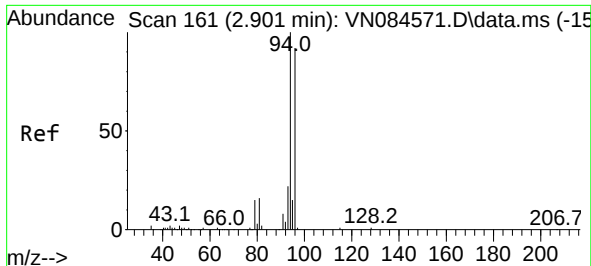
Tgt Ion:168 Resp: 177716
Ion Ratio Lower Upper
168 100
99 66.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Tgt Ion: 50 Resp: 1375
Ion Ratio Lower Upper
50 100
52 25.7 26.8 40.2#

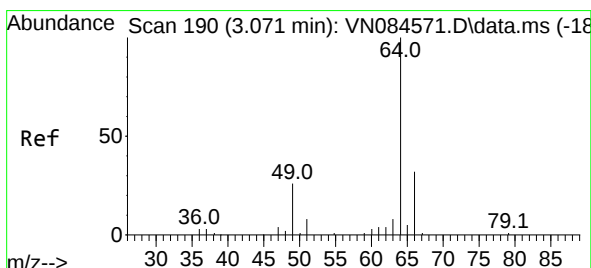
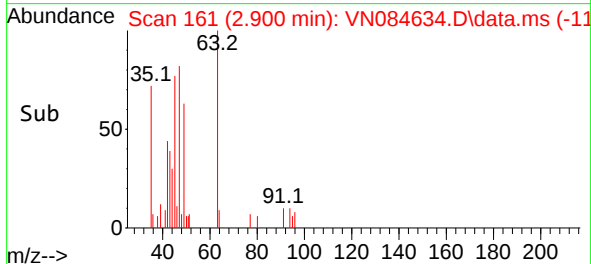
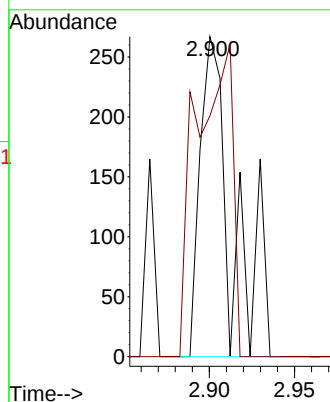
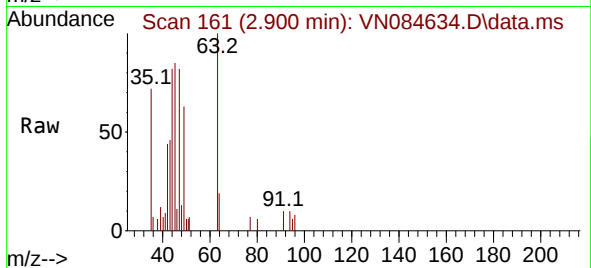




#5
Bromomethane
Concen: 0.301 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

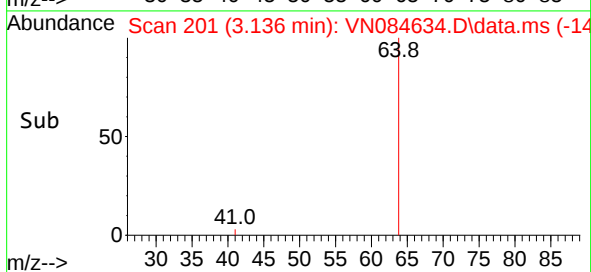
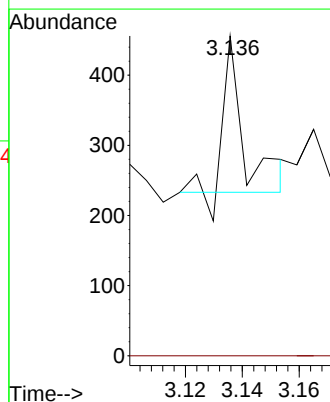
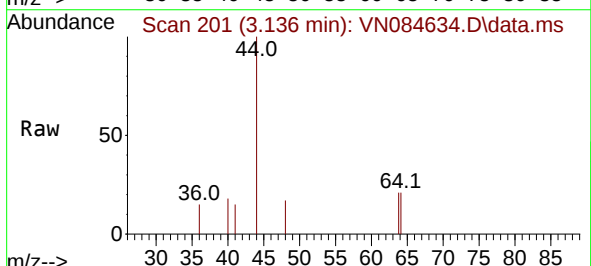
Instrument :
MSVOA_N
ClientSampleId :

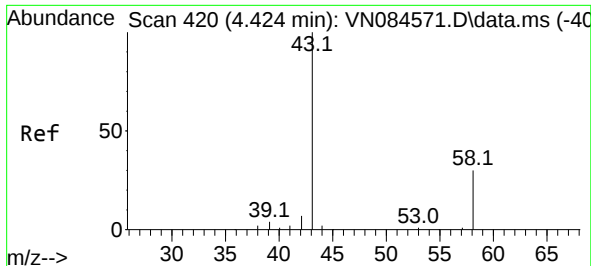
Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 75.3 72.9 109.3



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Tgt Ion: 64 Resp: 111
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

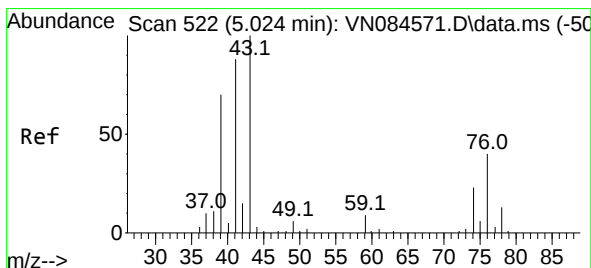
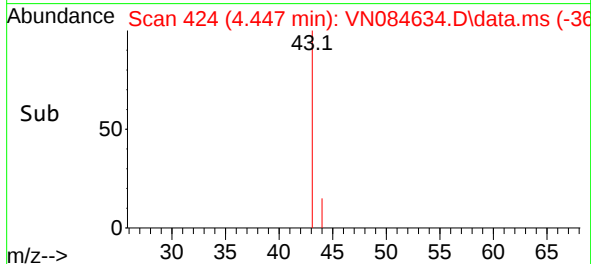
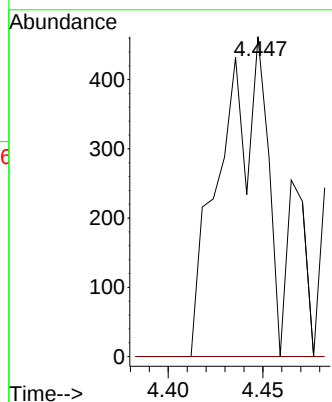
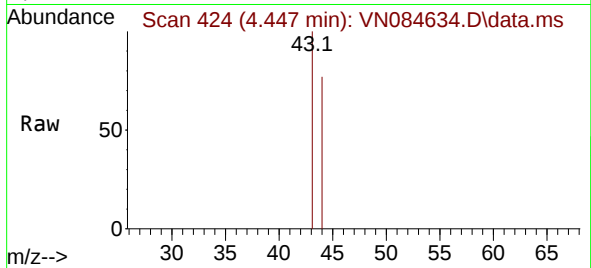




#16
Acetone
Concen: Below Cal
RT: 4.447 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

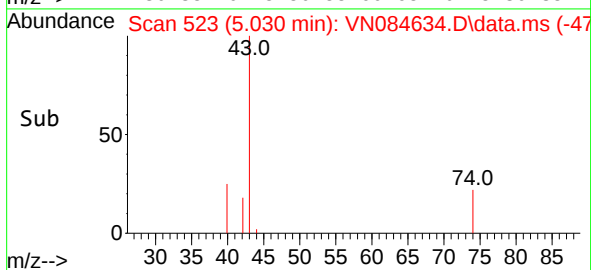
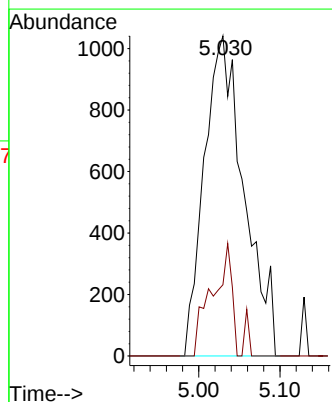
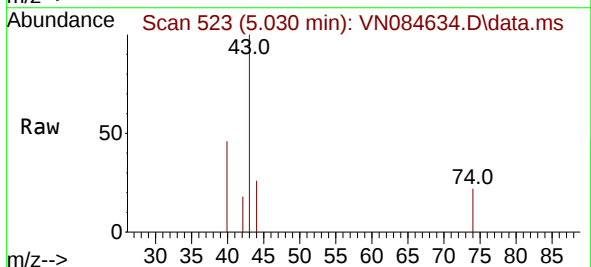
Instrument :
MSVOA_N
ClientSampleId :

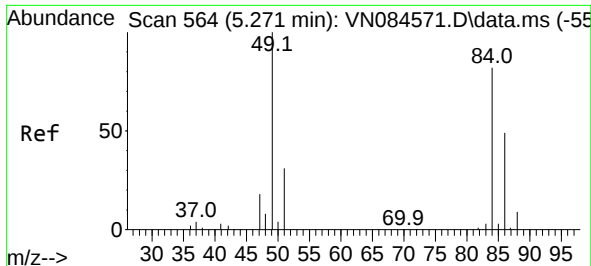
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

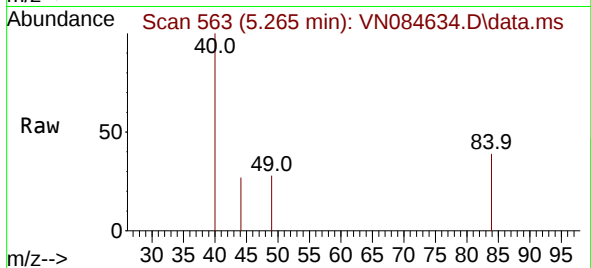
Tgt Ion: 43 Resp: 3540
Ion Ratio Lower Upper
43 100
74 17.6 19.2 28.8#



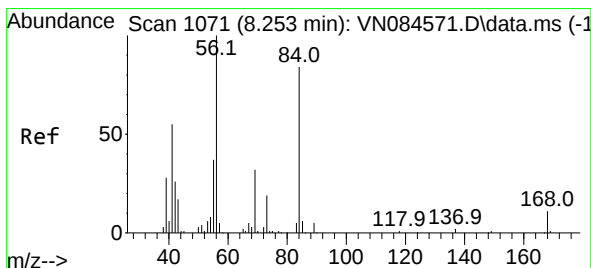
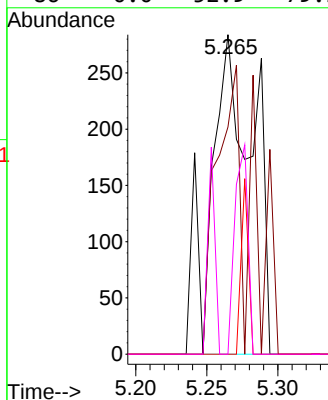
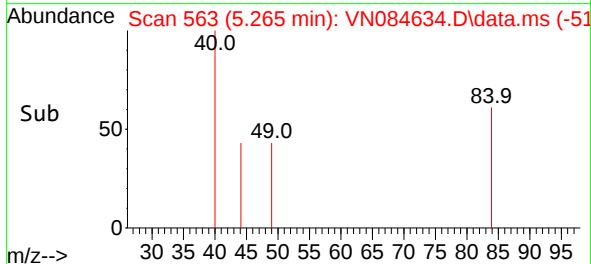


#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

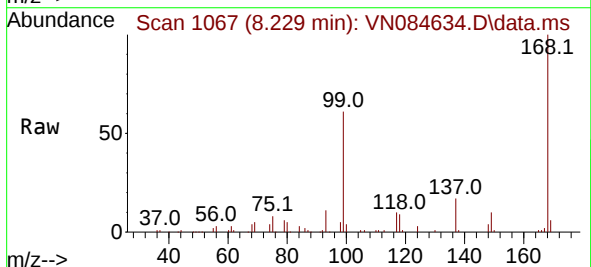
Instrument :
MSVOA_N
ClientSampleId :



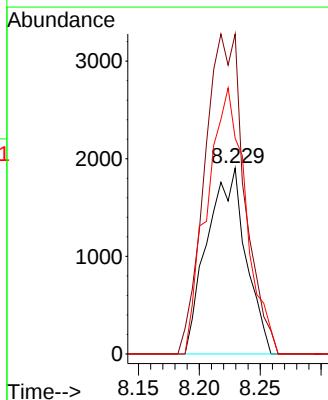
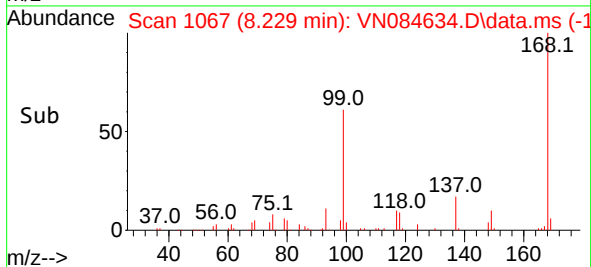
Tgt Ion:	84	Resp:	581
Ion	Ratio	Lower	Upper
84	100		
49	71.1	107.2	160.8#
51	0.0	31.8	47.8#
86	0.0	52.9	79.3#

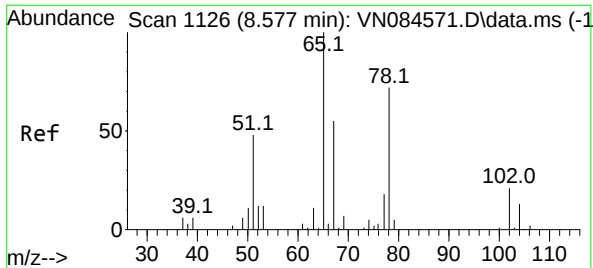


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20



Tgt Ion:	56	Resp:	4189
Ion	Ratio	Lower	Upper
56	100		
69	172.1	23.8	35.6#
84	116.0	68.8	103.2#

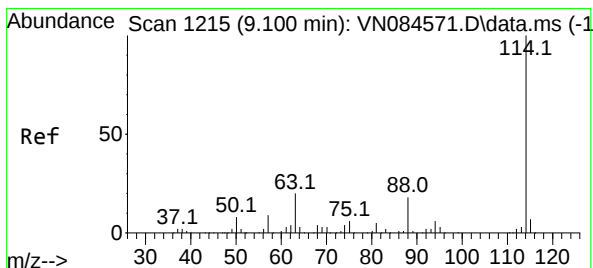
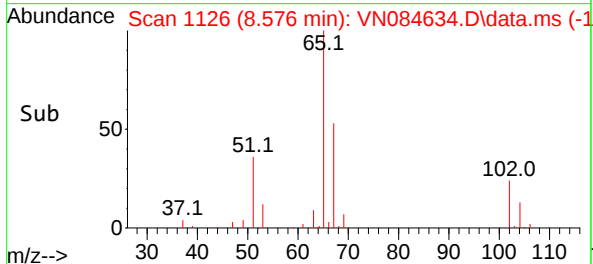
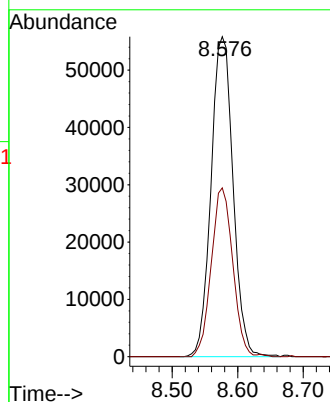
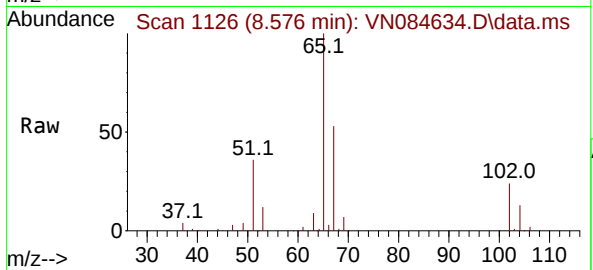




#33
1,2-Dichloroethane-d4
Concen: 50.651 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

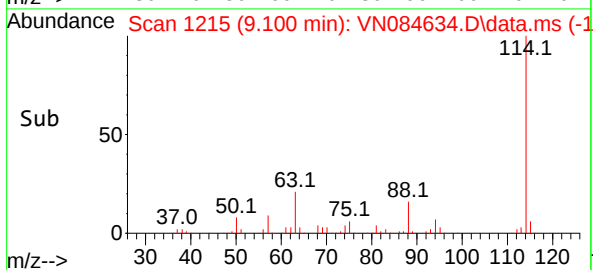
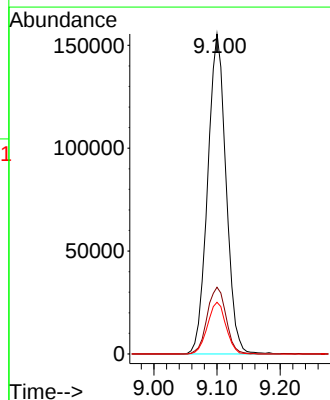
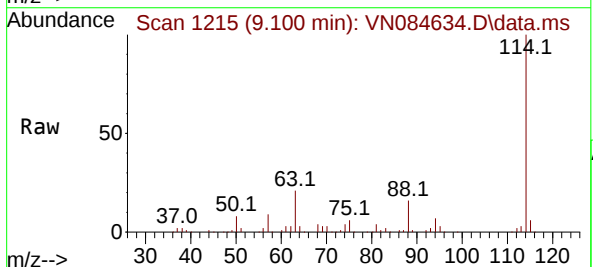
Instrument :
MSVOA_N
ClientSampleId :

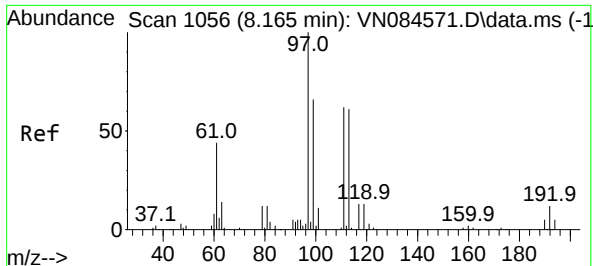
Tgt Ion: 65 Resp: 130011
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

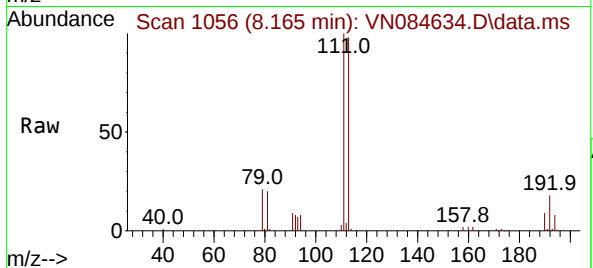
Tgt Ion:114 Resp: 313388
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.8
88 16.2 0.0 31.6



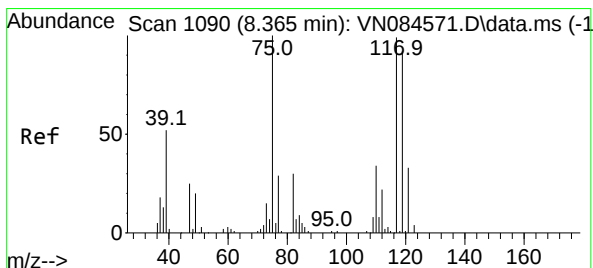
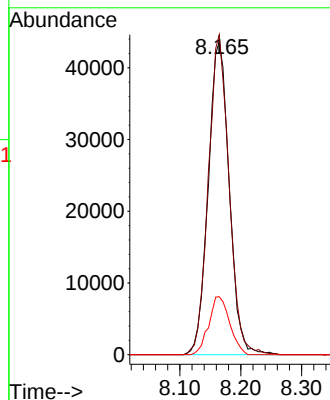
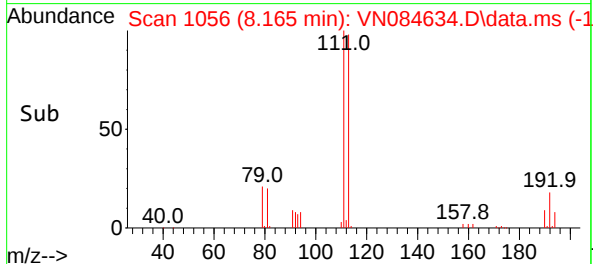


#35
Dibromofluoromethane
Concen: 49.334 ug/l
RT: 8.165 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Instrument :
MSVOA_N
ClientSampleId :

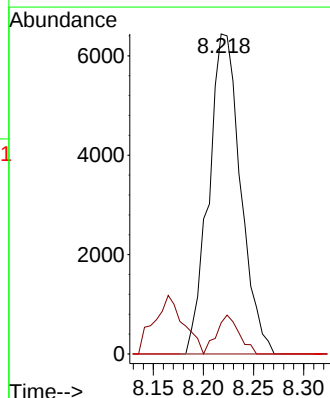
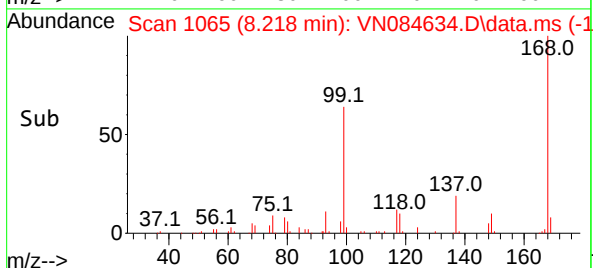
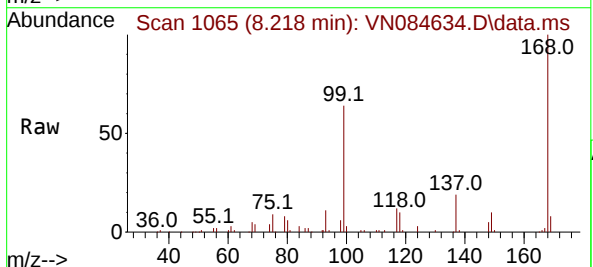


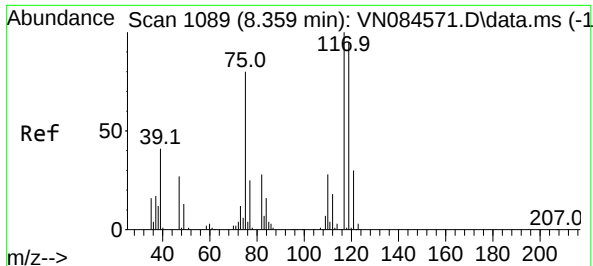
Tgt Ion:113 Resp: 104651
Ion Ratio Lower Upper
113 100
111 100.4 83.3 124.9
192 18.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.840 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

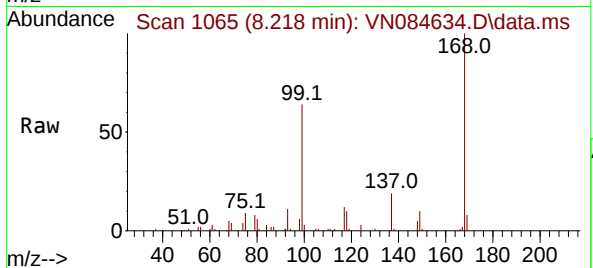
Tgt Ion: 75 Resp: 14238
Ion Ratio Lower Upper
75 100
110 8.5 16.9 50.7#
77 0.0 24.7 37.1#



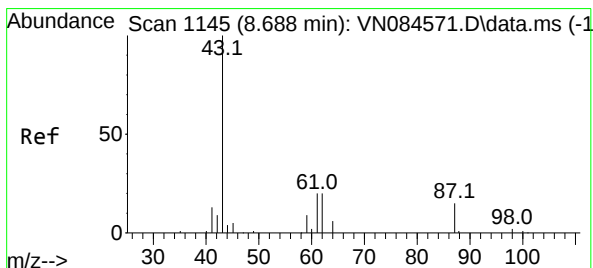
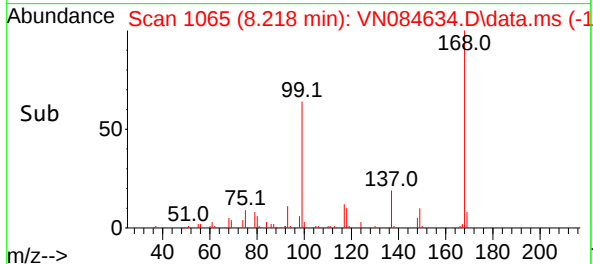
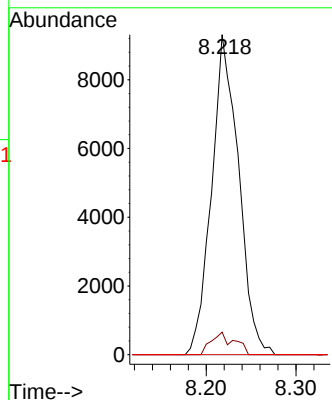


#38
Carbon Tetrachloride
Concen: 5.922 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Instrument :
MSVOA_N
ClientSampleId :

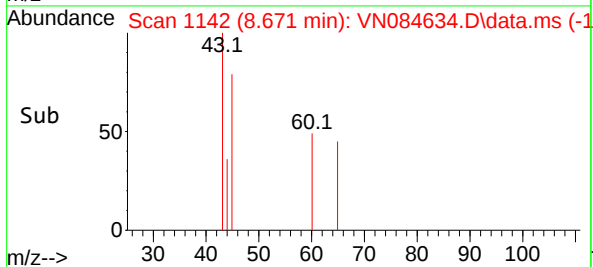
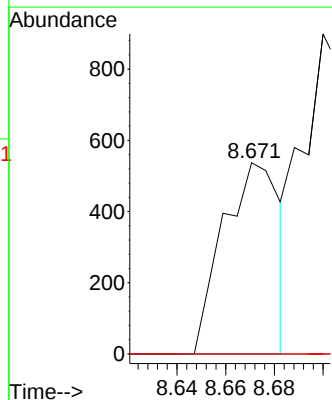
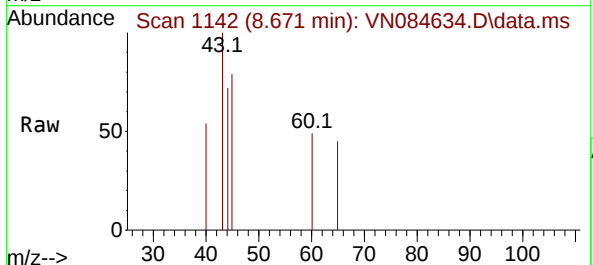


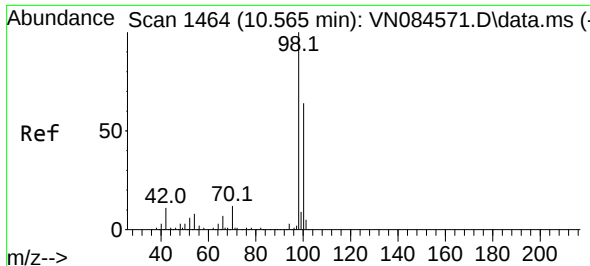
Tgt Ion:117 Resp: 19472
Ion Ratio Lower Upper
117 100
119 7.0 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1142
Delta R.T. -0.017 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

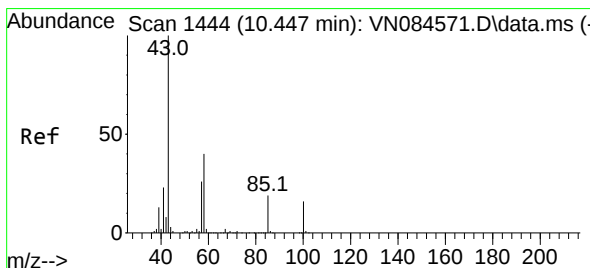
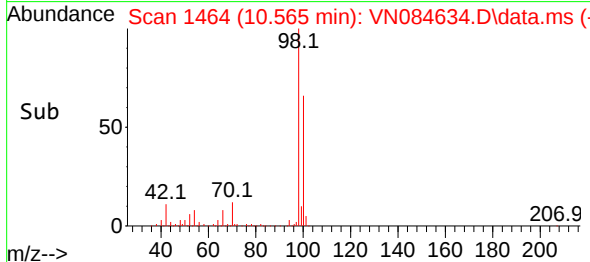
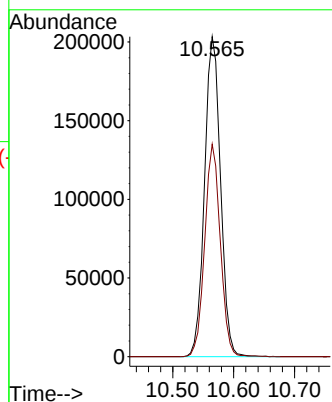
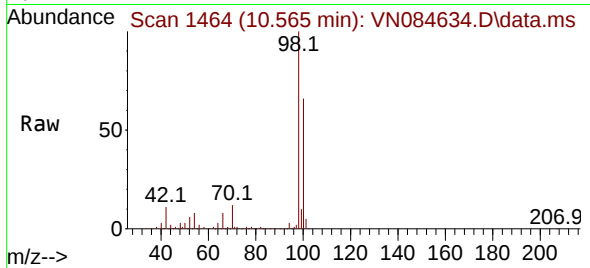




#50
Toluene-d8
Concen: 47.562 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

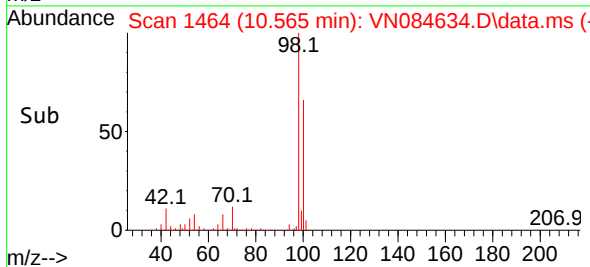
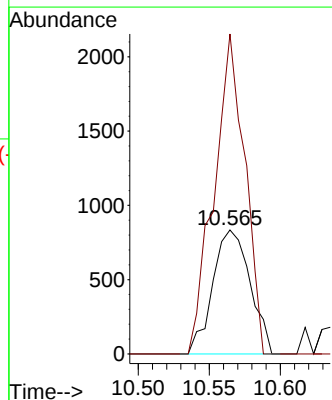
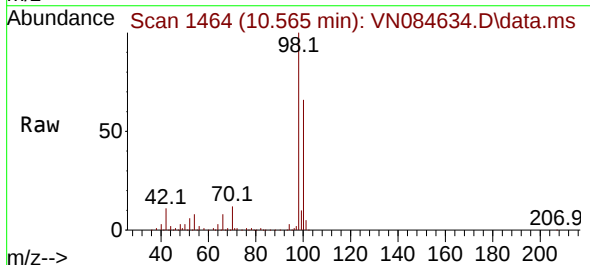
Instrument :
MSVOA_N
ClientSampleId :

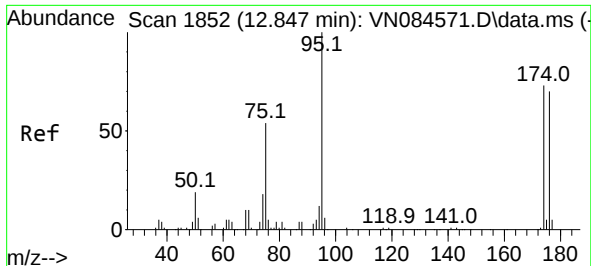
Tgt Ion: 98 Resp: 371650
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
58 213.6 31.6 47.4#

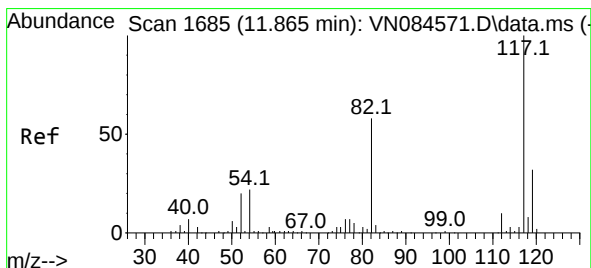
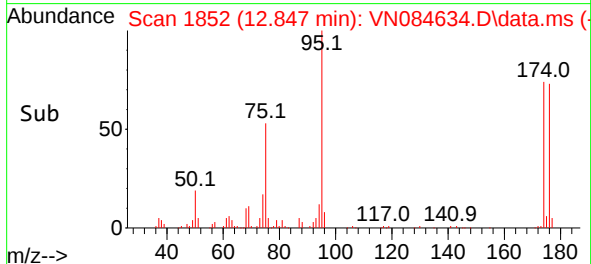
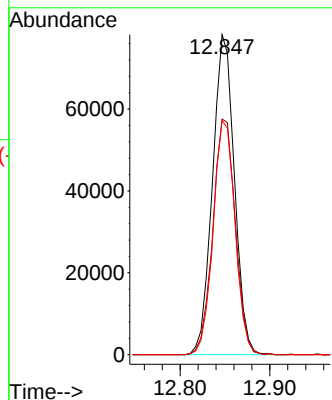
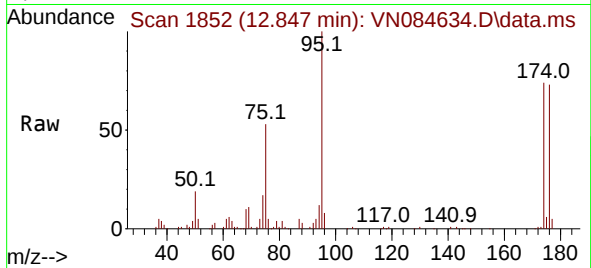




#62
4-Bromofluorobenzene
Concen: 45.339 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

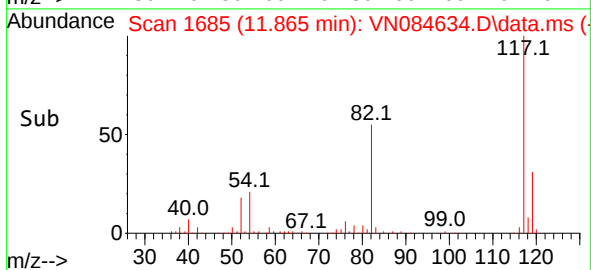
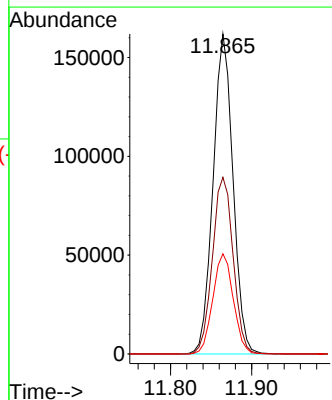
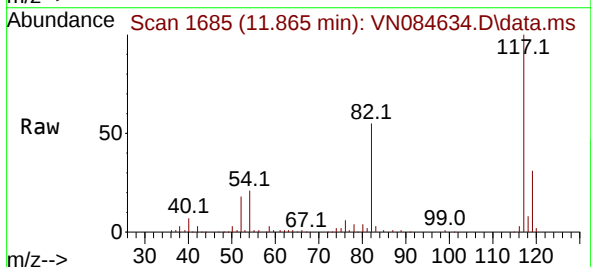
Instrument :
MSVOA_N
ClientSampleId :

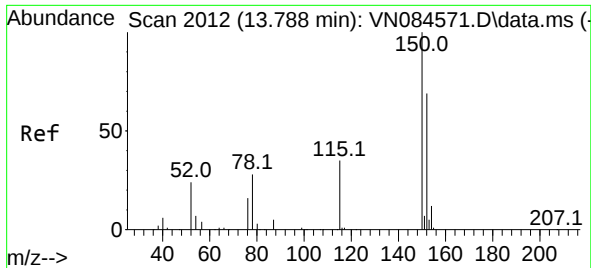
Tgt Ion: 95 Resp: 132405
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.2
176 73.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

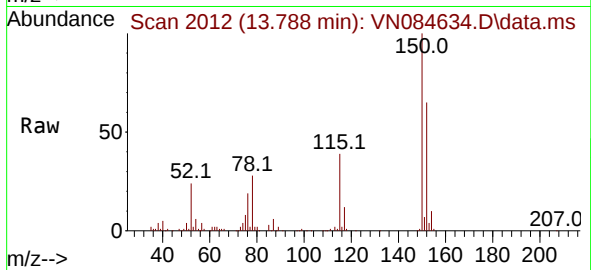
Tgt Ion: 117 Resp: 275782
Ion Ratio Lower Upper
117 100
82 55.2 47.2 70.8
119 31.3 25.4 38.0



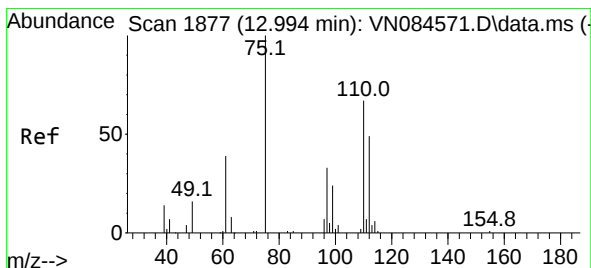
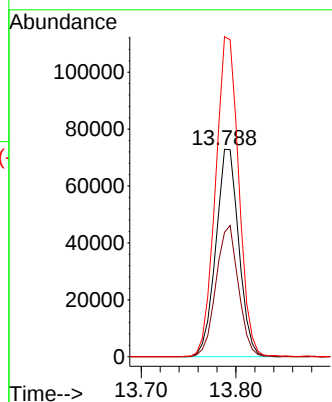
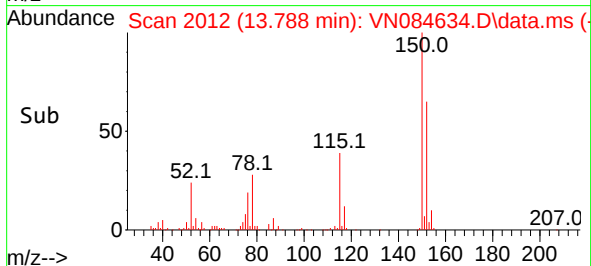


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Instrument :
MSVOA_N
ClientSampleId :

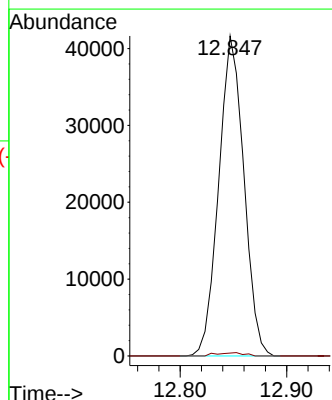
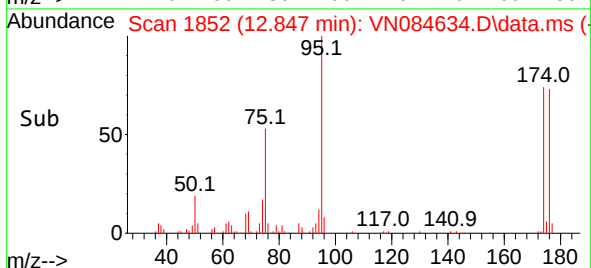
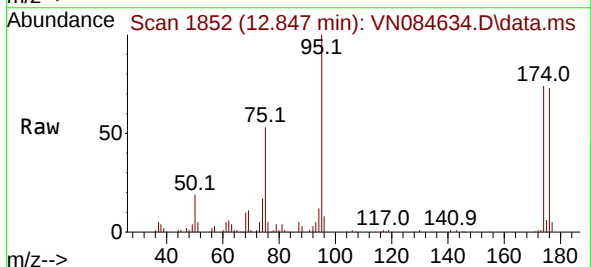


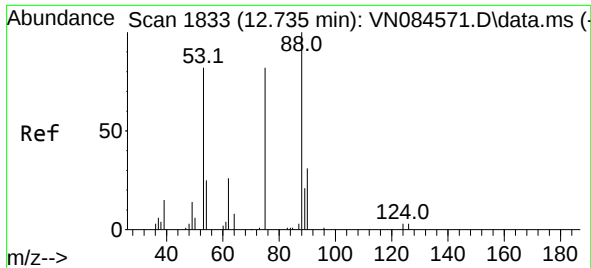
Tgt Ion:152 Resp: 122691
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 156.3 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 27.815 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Tgt Ion: 75 Resp: 68218
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#

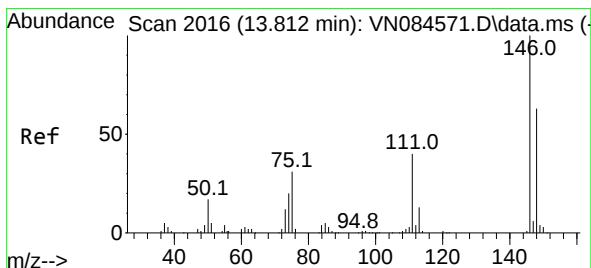
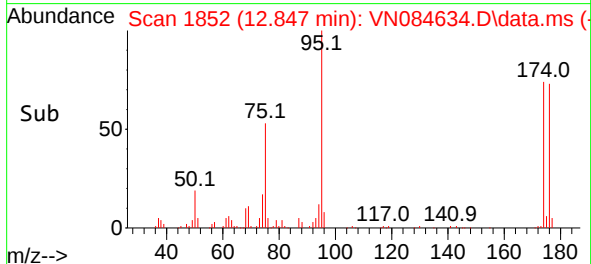
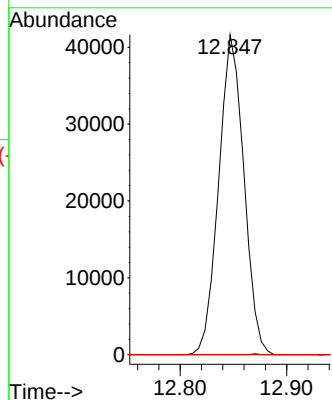
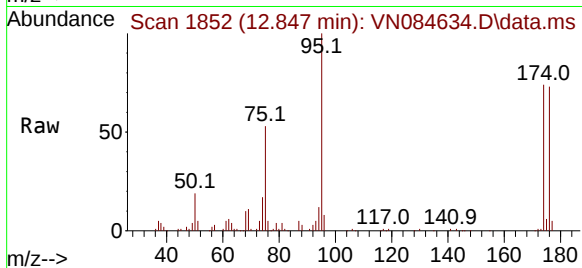




#81
trans-1,4-Dichloro-2-butene
Concen: 65.989 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

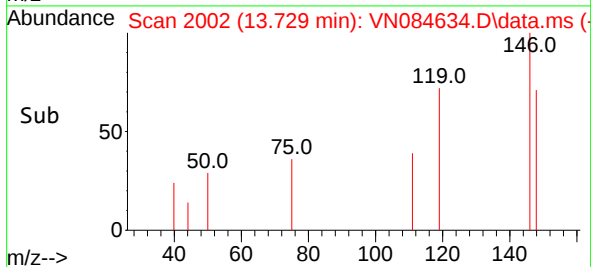
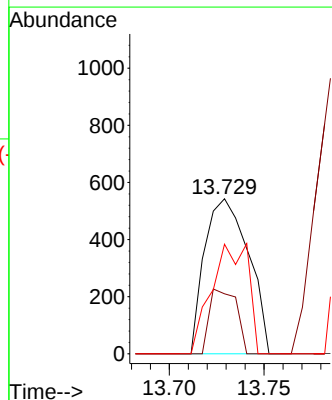
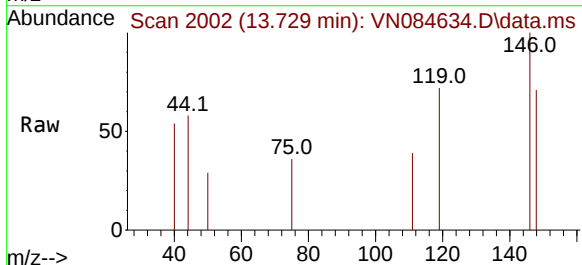
Instrument :
MSVOA_N
ClientSampleId :

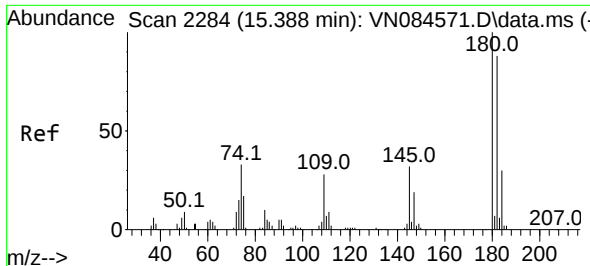
Tgt Ion: 75 Resp: 68218
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.729 min Scan# 2002
Delta R.T. -0.083 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

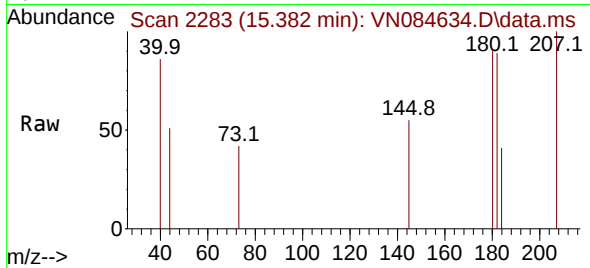
Tgt Ion:146 Resp: 875
Ion Ratio Lower Upper
146 100
111 25.6 21.2 63.6
148 59.3 31.9 95.9



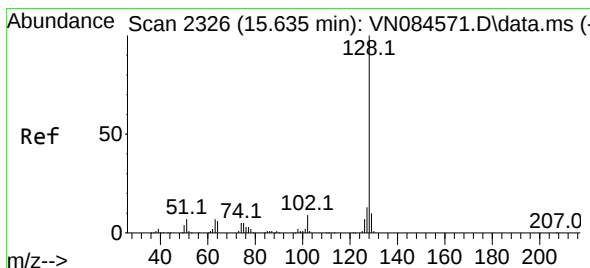
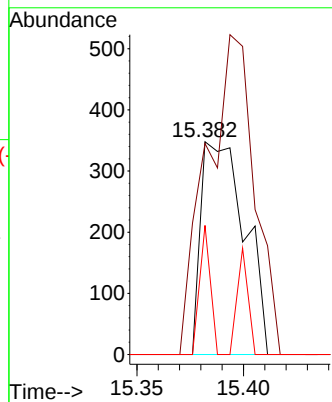
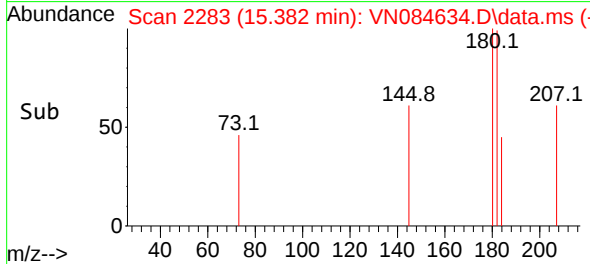


#93
1,2,4-Trichlorobenzene
Concen: 0.210 ug/l
RT: 15.382 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 498
Ion Ratio Lower Upper
180 100
182 0.0 47.0 141.0#
145 14.9 16.4 49.4#



#95
Naphthalene
Concen: 0.247 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.012 min
Lab File: VN084634.D
Acq: 01 Nov 2024 13:20

Tgt Ion:128 Resp: 1753
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 4.2 8.7 13.1#

