

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084638.D
 Acq On : 01 Nov 2024 15:06
 Operator : JC\MD
 Sample : P4665-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 04:28:24 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	170724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122273	49.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.180%
35) Dibromofluoromethane	8.165	113	101724	50.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	10.565	98	340502	46.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.847	95	129227	46.909	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.820%

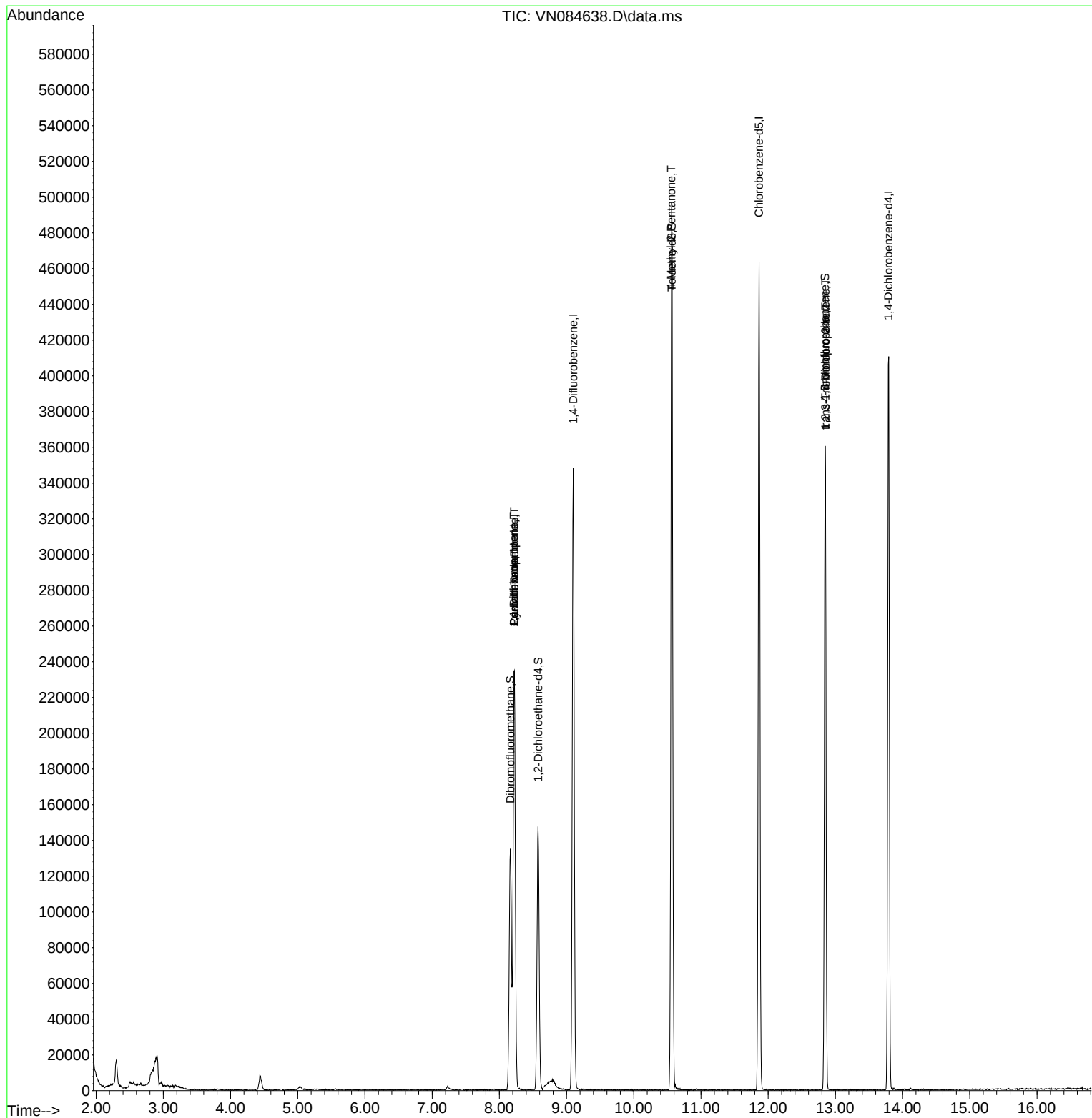
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.365	50	1109	Below Cal	#	78
6) Chloroethane	3.124	64	257	Below Cal	#	45
16) Acetone	4.430	43	827	Below Cal	#	44
18) Methyl Acetate	5.030	43	3917	Below Cal		91
31) Cyclohexane	8.224	56	3836	1.127	ug/l #	20
36) 1,1-Dichloropropene	8.218	75	14018	5.051	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18563	5.984	ug/l #	15
51) 4-Methyl-2-Pentanone	10.559	43	1597	0.665	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65776	28.948	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65776	68.676	ug/l #	11
88) 1,4-Dichlorobenzene	13.817	146	133	Below Cal	#	24

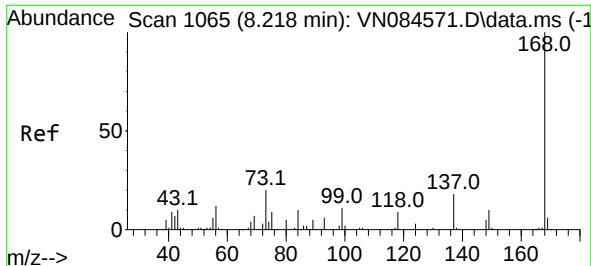
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 04 04:28:24 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

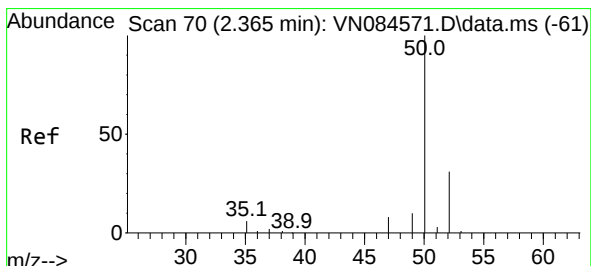
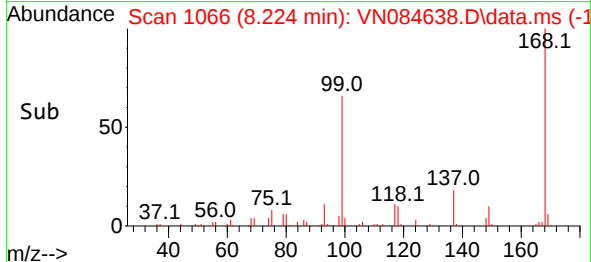
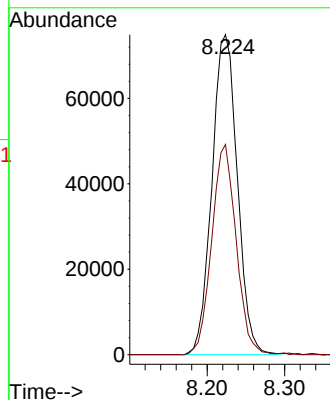
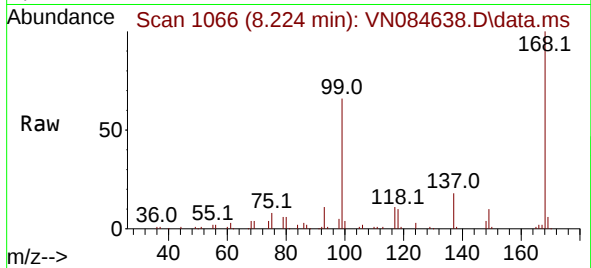




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

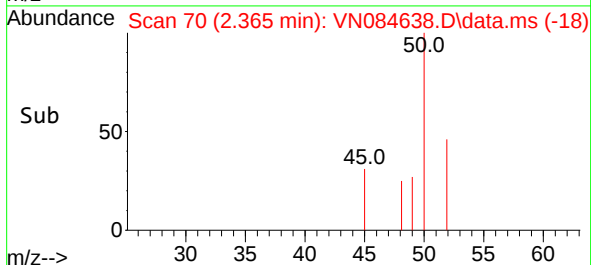
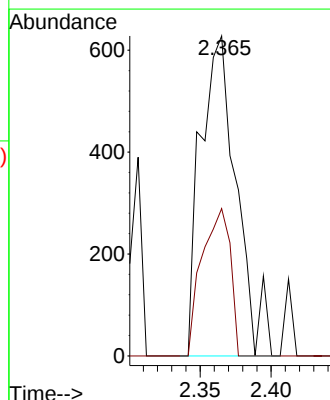
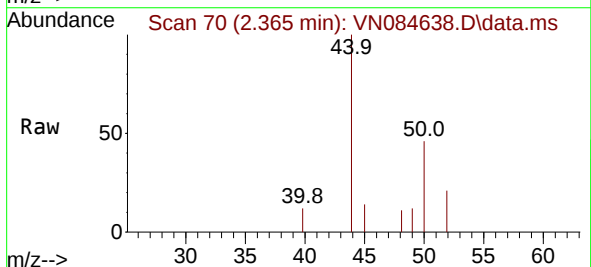
Instrument :
MSVOA_N
ClientSampleId :

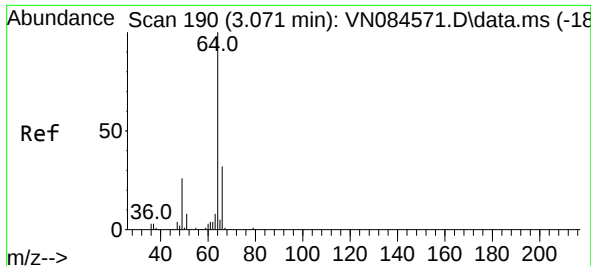
Tgt Ion:168 Resp: 170724
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion: 50 Resp: 1109
Ion Ratio Lower Upper
50 100
52 46.0 26.8 40.2#

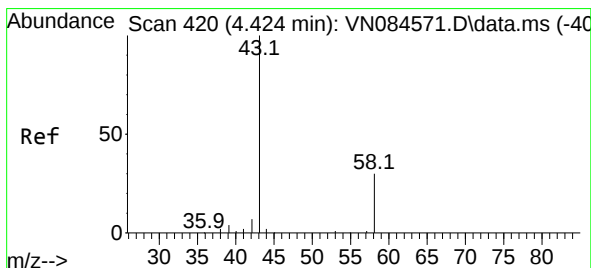
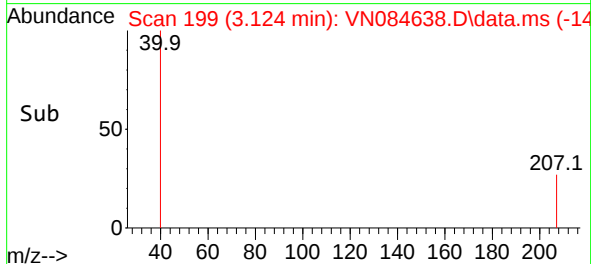
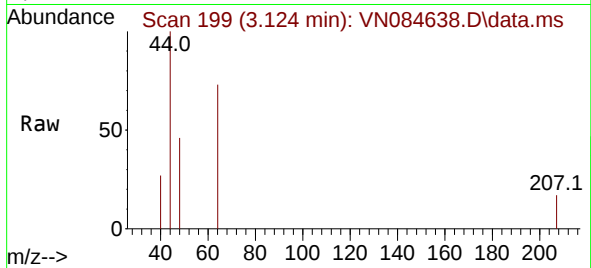




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

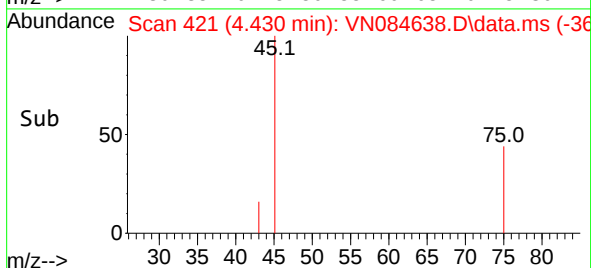
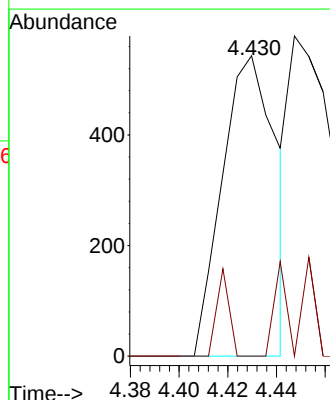
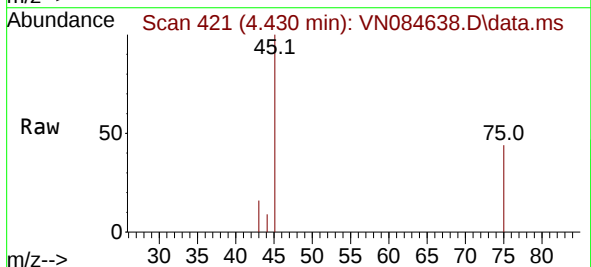
Instrument :
MSVOA_N
ClientSampleId :

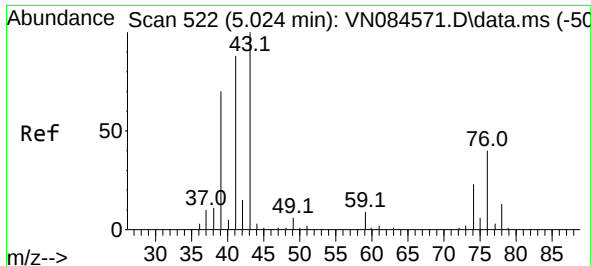
Tgt Ion: 64 Resp: 257
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

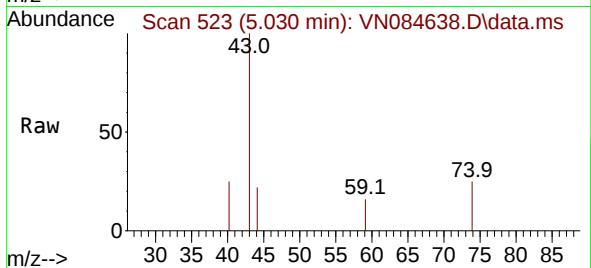
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



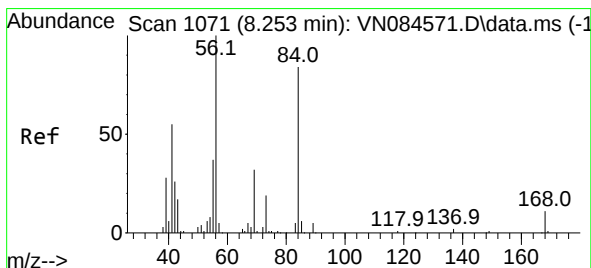
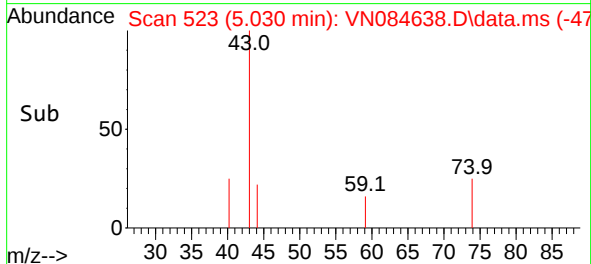
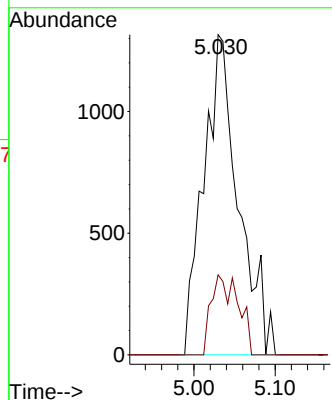


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :

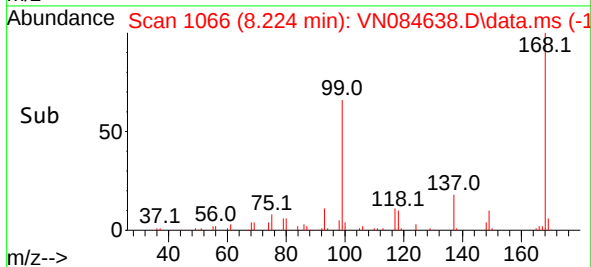
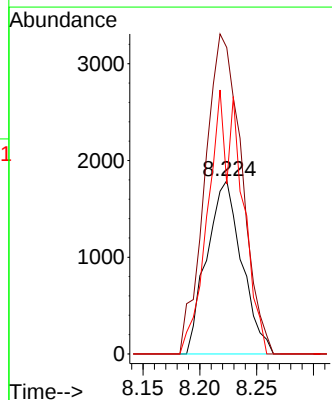
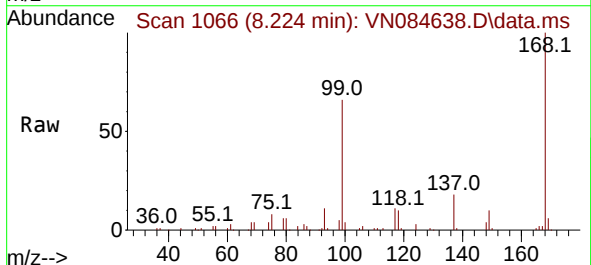


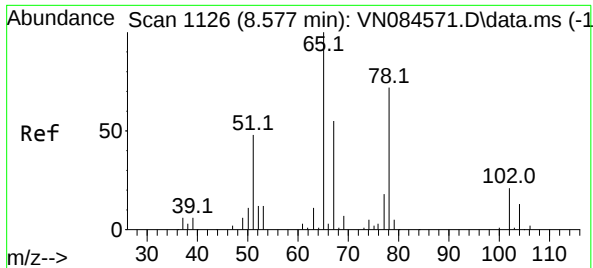
Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
74 19.4 19.2 28.8



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 176.7 23.8 35.6#
84 97.9 68.8 103.2

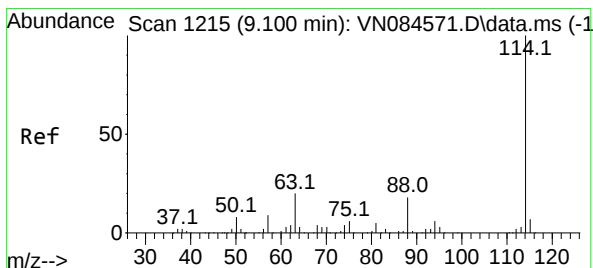
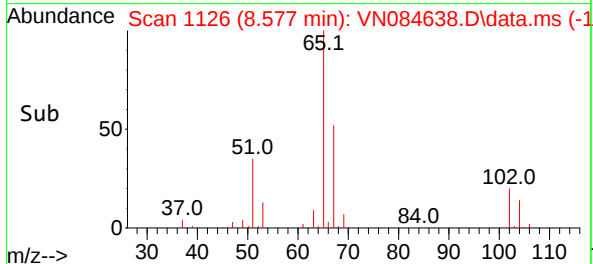
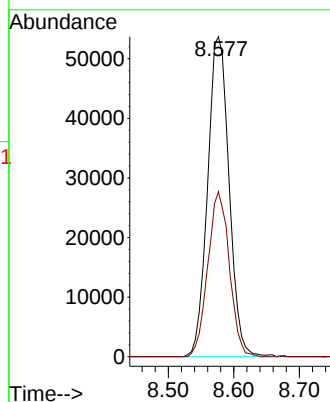
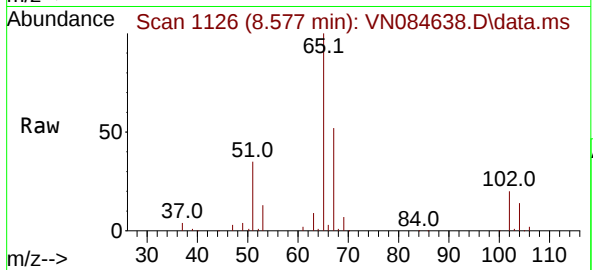




#33
 1,2-Dichloroethane-d4
 Concen: 49.587 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084638.D
 Acq: 01 Nov 2024 15:06

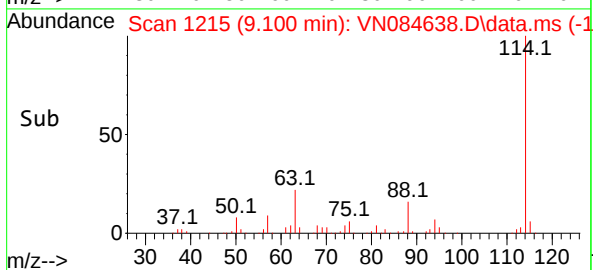
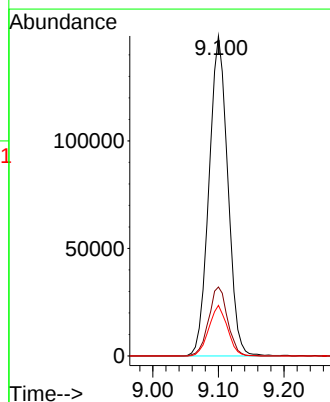
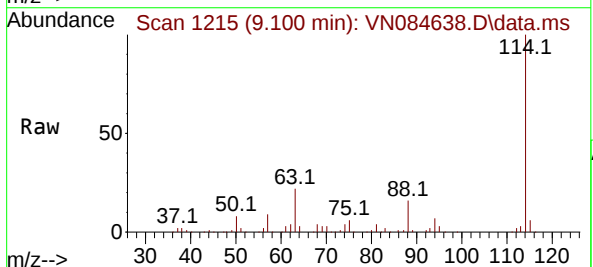
Instrument :
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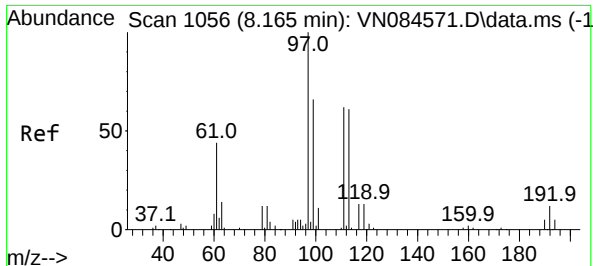
Tgt Ion: 65 Resp: 122273
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084638.D
 Acq: 01 Nov 2024 15:06

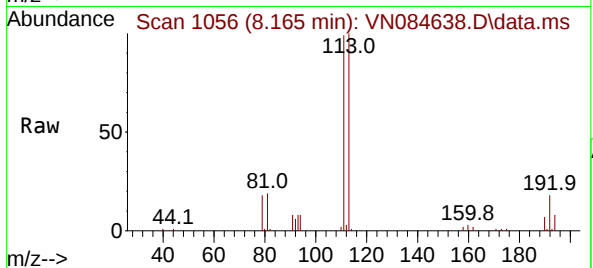
Tgt Ion: 114 Resp: 295624
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.8
 88 15.8 0.0 31.6



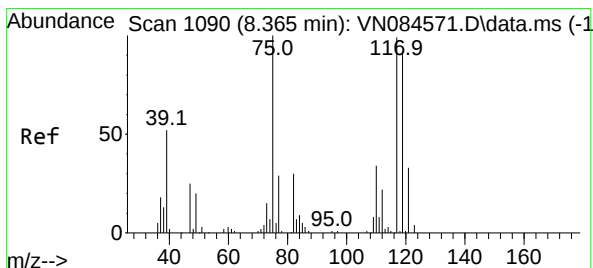
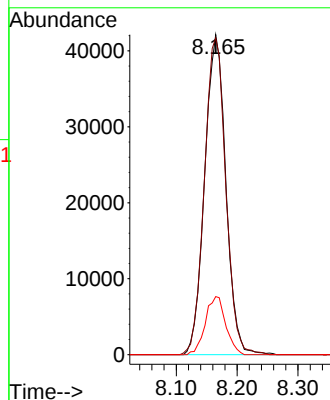
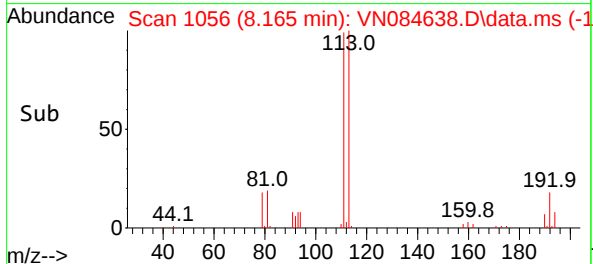


#35
Dibromofluoromethane
Concen: 50.836 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :

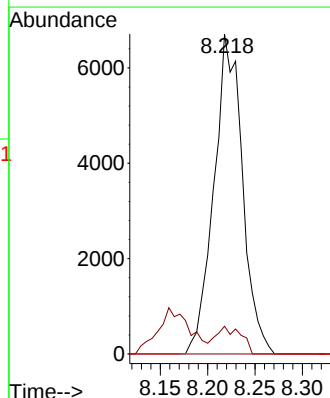
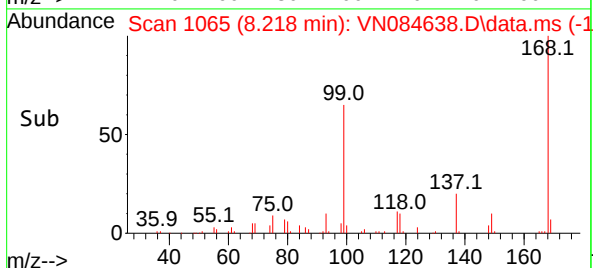
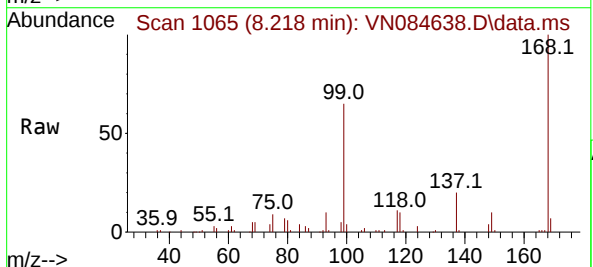


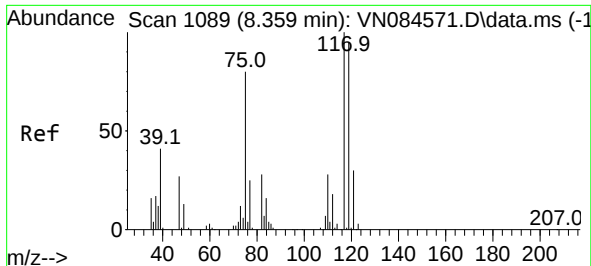
Tgt Ion:113 Resp: 101724
Ion Ratio Lower Upper
113 100
111 100.2 83.3 124.9
192 17.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.051 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

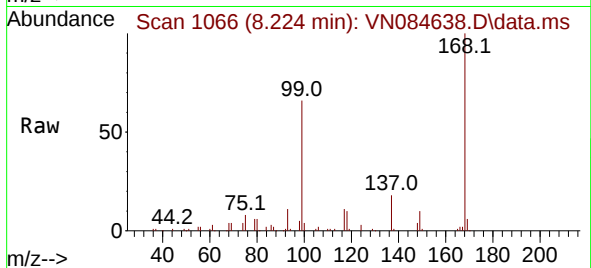
Tgt Ion: 75 Resp: 14018
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.7#
77 0.0 24.7 37.1#



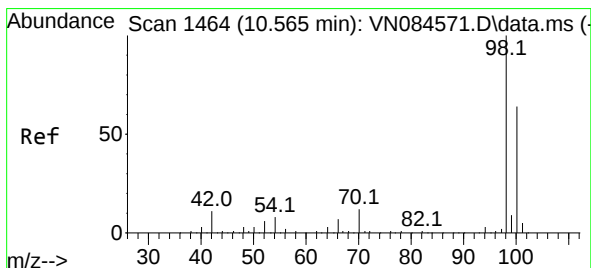
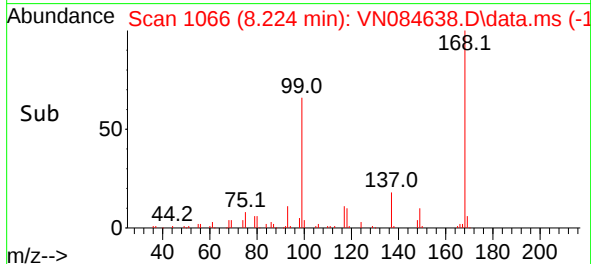
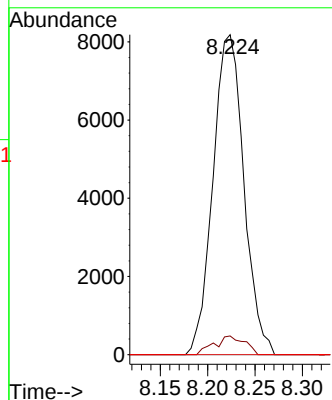


#38
Carbon Tetrachloride
Concen: 5.984 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :

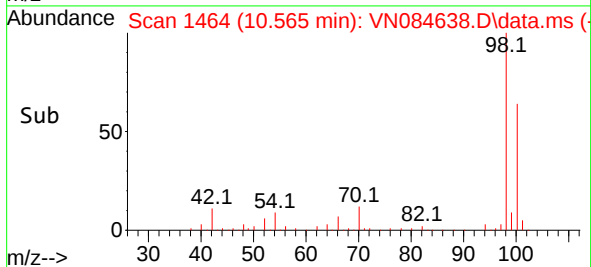
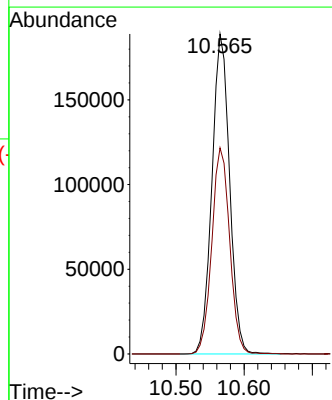
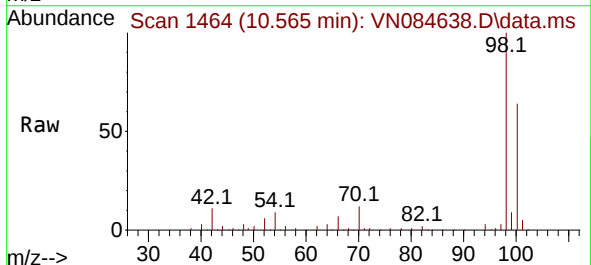


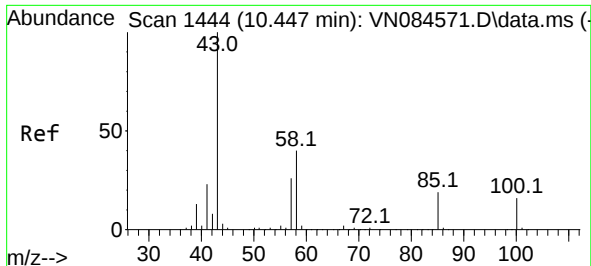
Tgt Ion:117 Resp: 18563
Ion Ratio Lower Upper
117 100
119 5.8 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.194 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion: 98 Resp: 340502
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

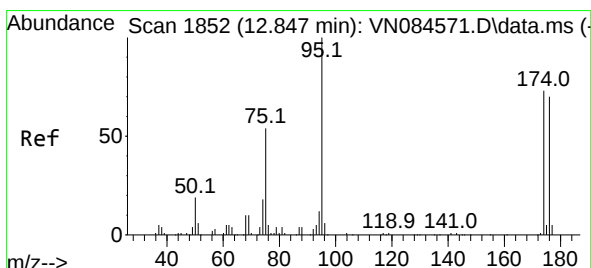
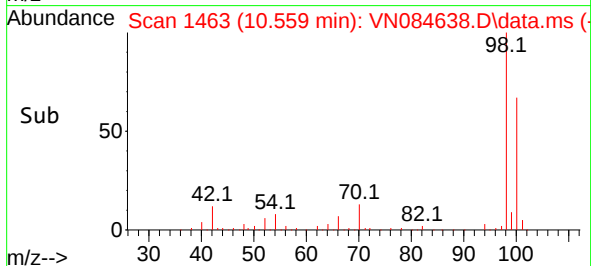
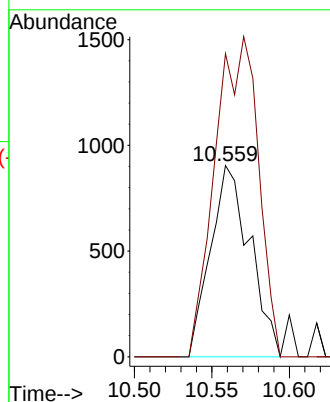
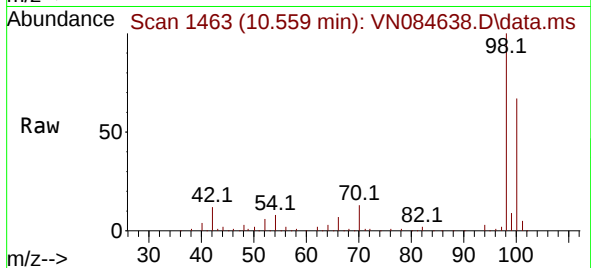




#51
4-Methyl-2-Pentanone
Concen: 0.665 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

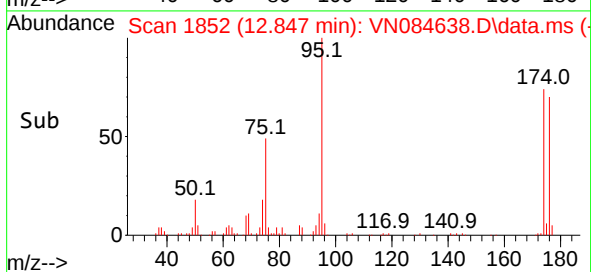
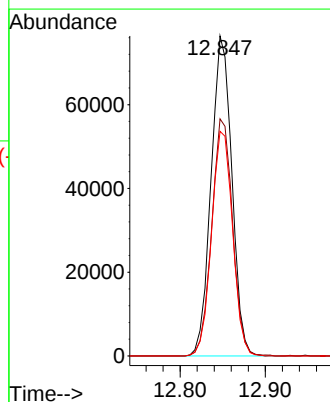
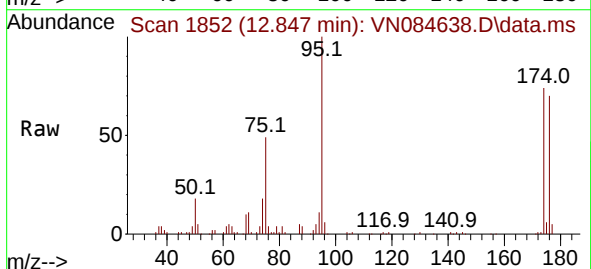
Instrument :
MSVOA_N
ClientSampleId :

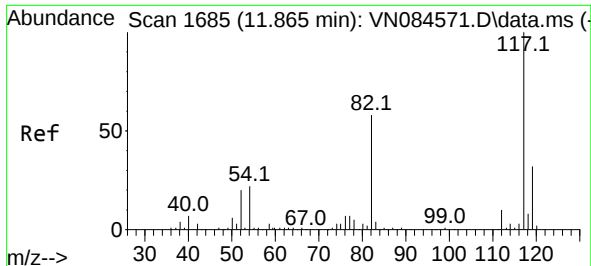
Tgt Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
58 184.2 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 46.909 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

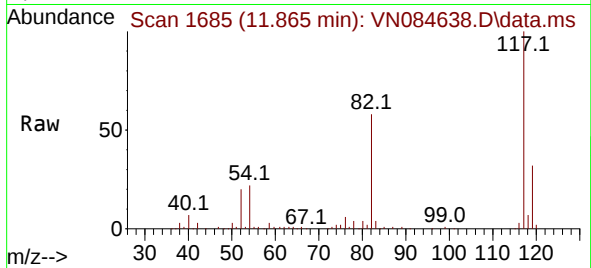
Tgt Ion: 95 Resp: 129227
Ion Ratio Lower Upper
95 100
174 74.7 0.0 145.2
176 71.2 0.0 140.0



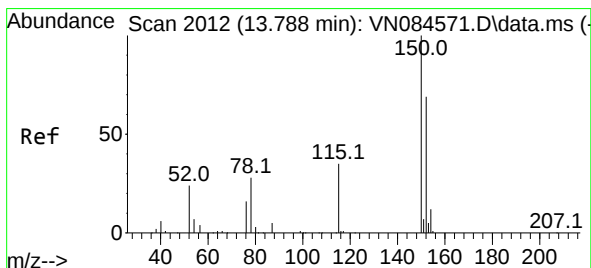
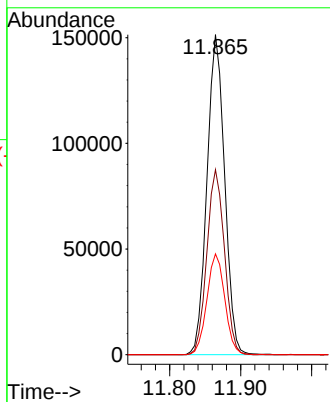
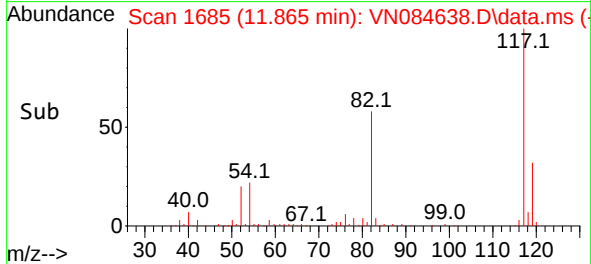


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

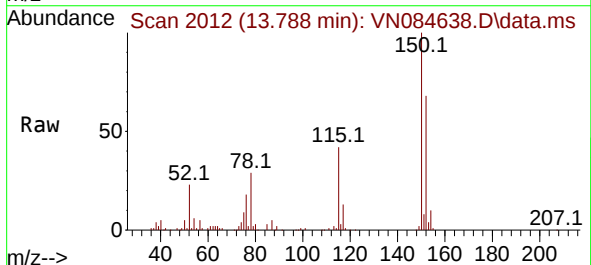
Instrument :
MSVOA_N
ClientSampleId :



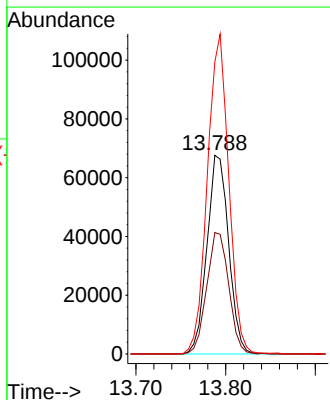
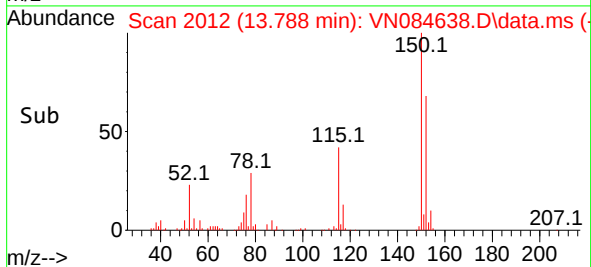
Tgt Ion:117 Resp: 261626
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 31.5 25.4 38.0

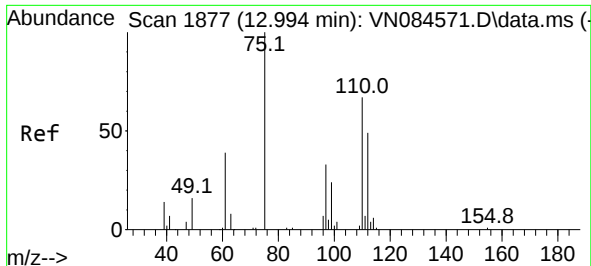


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06



Tgt Ion:152 Resp: 113670
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 158.6 0.0 349.8

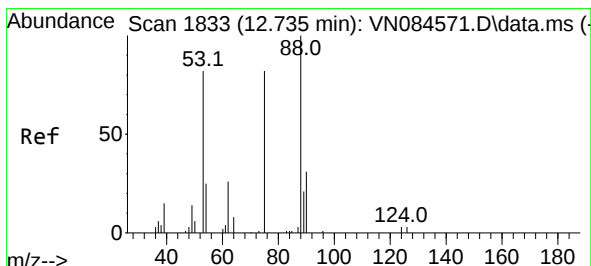
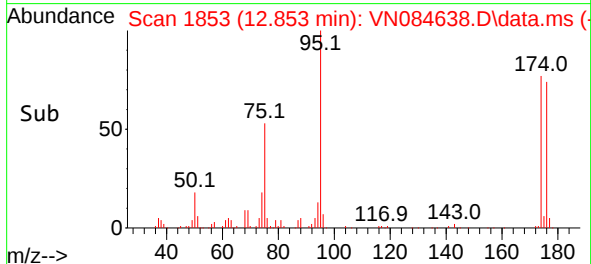
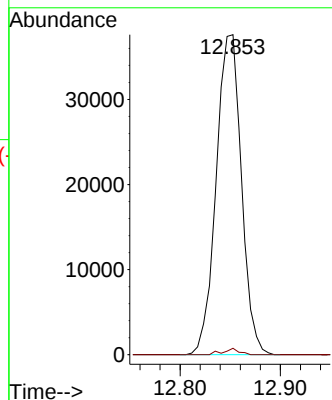
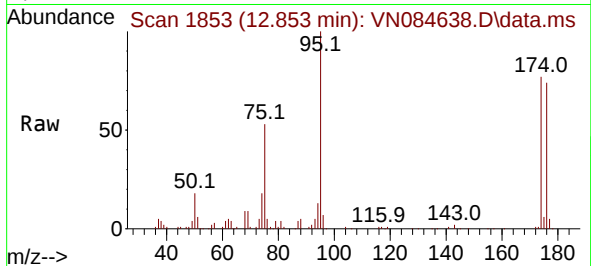




#76
1,2,3-Trichloropropane
Concen: 28.948 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.135 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

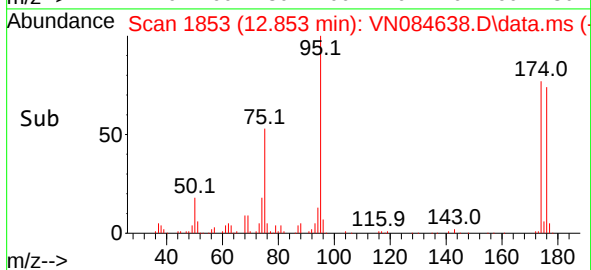
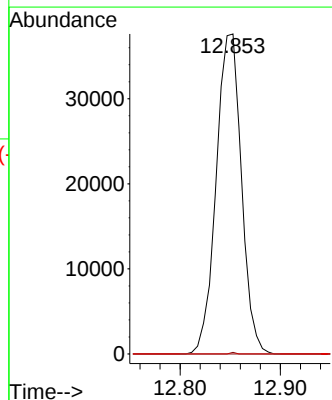
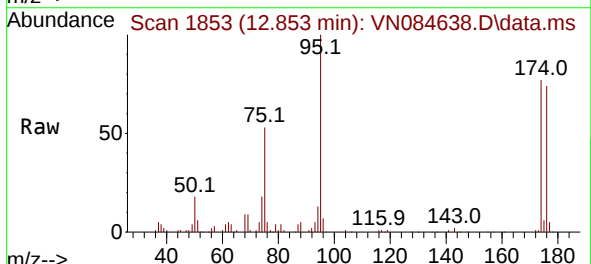
Instrument :
MSVOA_N
ClientSampleId :

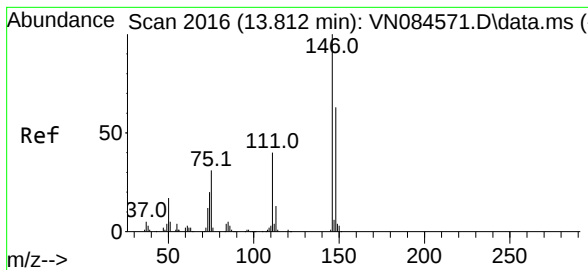
Tgt Ion: 75 Resp: 65776
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.676 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

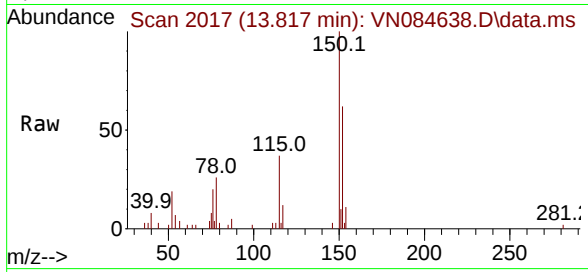
Tgt Ion: 75 Resp: 65776
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#





#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.817 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VN084638.D
 Acq: 01 Nov 2024 15:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	146	Resp:	133
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.2	63.6#
148	0.0	31.9	95.9#

