

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084852.D
 Acq On : 14 Nov 2024 15:23
 Operator : JC\MD
 Sample : P4819-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1594

Quant Time: Nov 15 00:48:26 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)

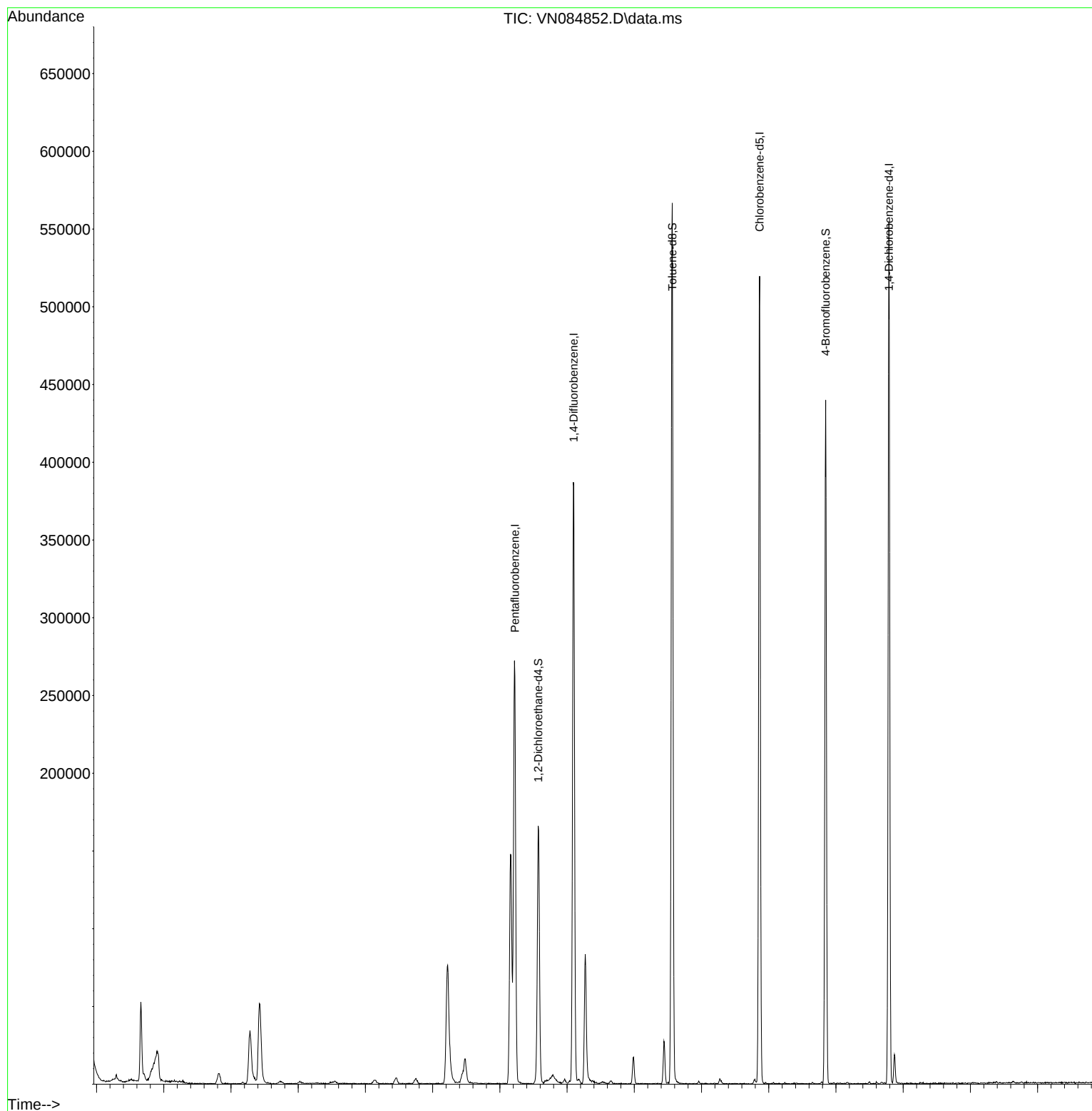
Internal Standards						
1) Pentafluorobenzene	8.224	168	199541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	136920	47.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.020%
35) Dibromofluoromethane	8.159	113	109594	47.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	10.565	98	400791	47.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.847	95	157057	49.403	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.800%
Target Compounds						
16) Acetone	4.424	43	93151	110.297	ug/l	98
25) 2-Butanone	7.482	43	26890	19.999	ug/l #	87
51) 4-Methyl-2-Pentanone	10.441	43	18610	6.718	ug/l	100

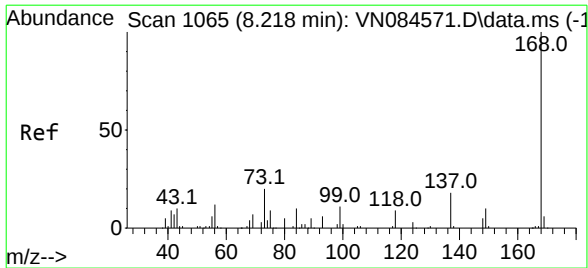
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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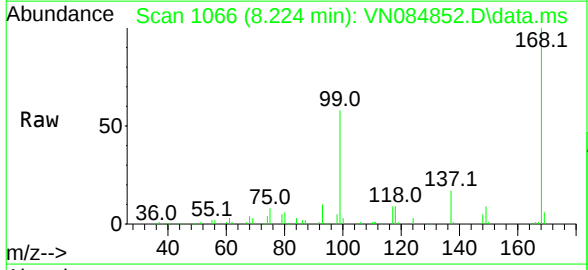
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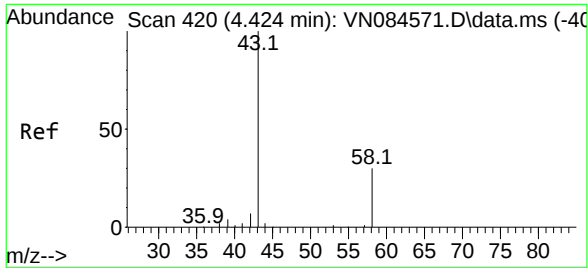
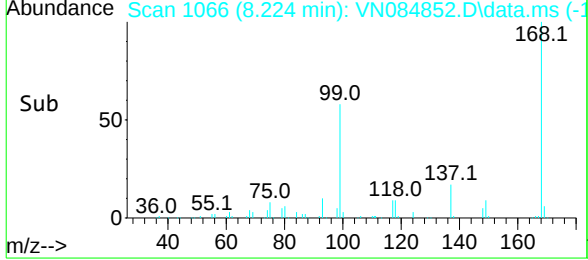
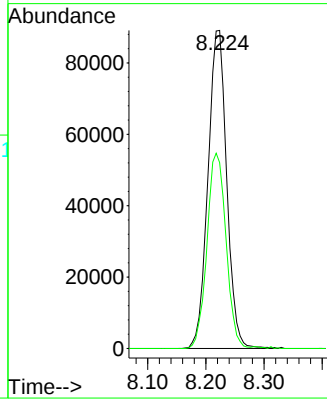


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084852.D
 Acq: 14 Nov 2024 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 1594

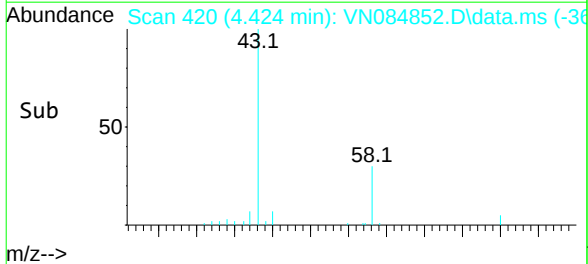
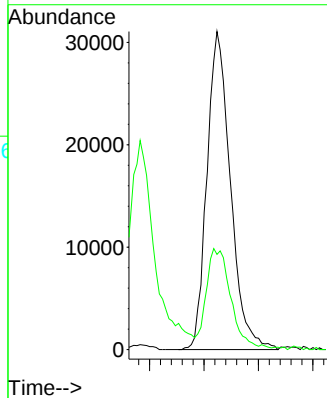
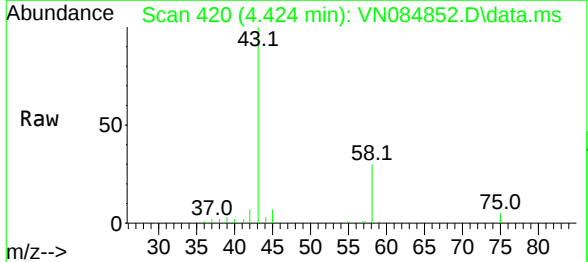


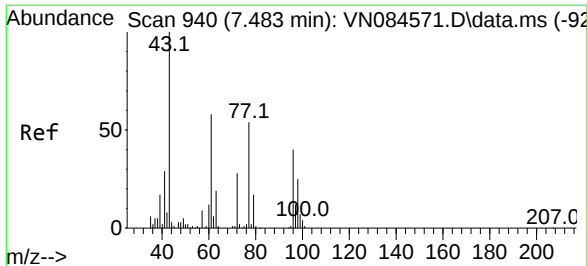
Tgt Ion: 168 Resp: 199541
 Ion Ratio Lower Upper
 168 100
 99 58.4 54.2 81.2



#16
 Acetone
 Concen: 110.297 ug/l
 RT: 4.424 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: VN084852.D
 Acq: 14 Nov 2024 15:23

Tgt Ion: 43 Resp: 93151
 Ion Ratio Lower Upper
 43 100
 58 29.2 24.4 36.6

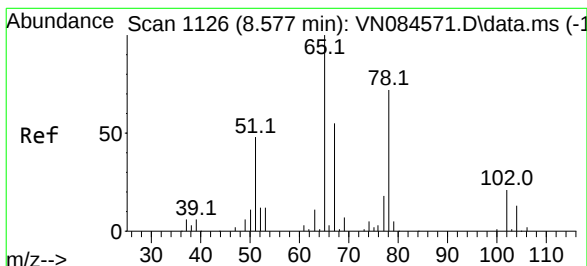
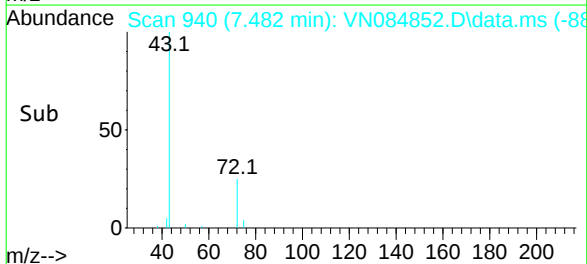
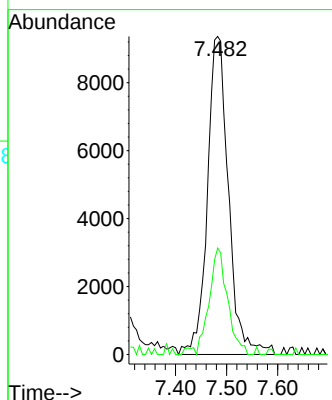
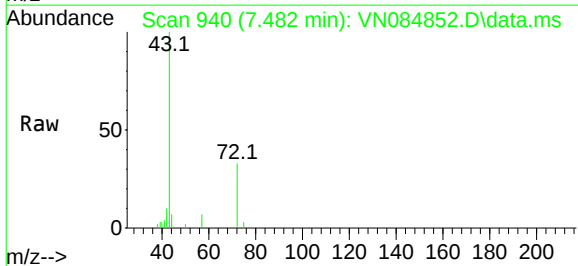




#25
2-Butanone
Concen: 19.999 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

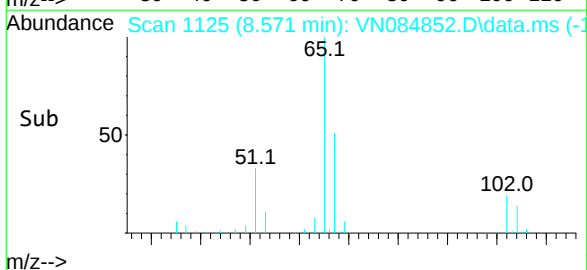
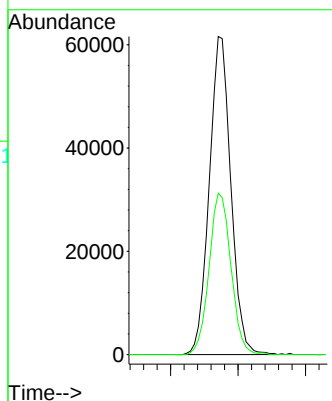
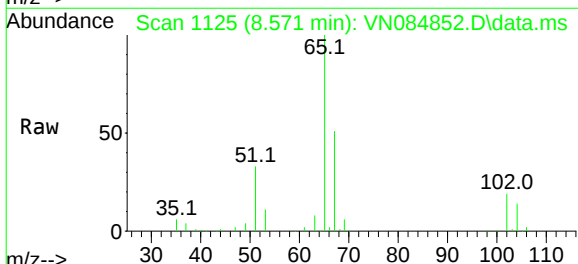
Instrument :
MSVOA_N
ClientSampleId :
1594

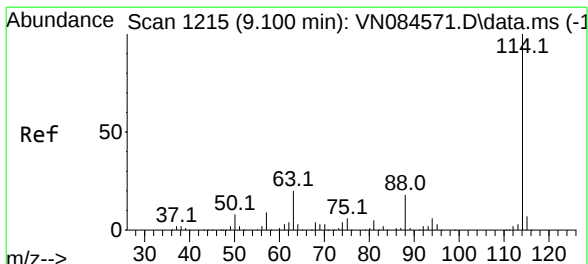
Tgt Ion: 43 Resp: 26890
Ion Ratio Lower Upper
43 100
72 33.5 21.4 32.2#



#33
1,2-Dichloroethane-d4
Concen: 47.508 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Tgt Ion: 65 Resp: 136920
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0

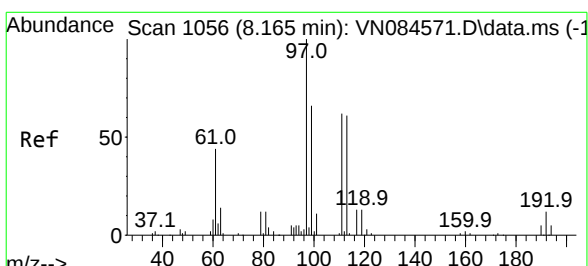
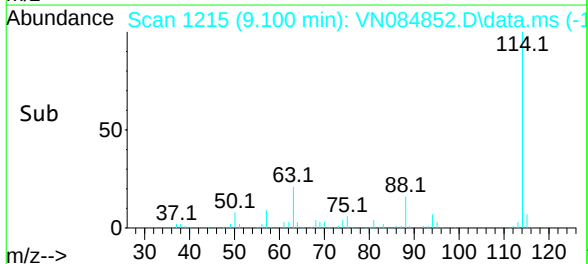
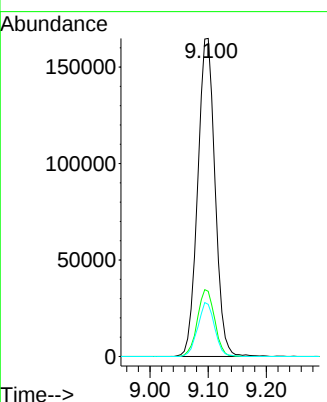
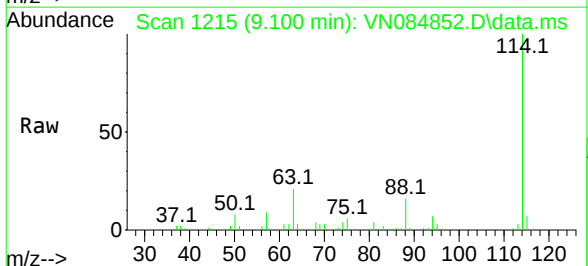




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084852.D
 Acq: 14 Nov 2024 15:23

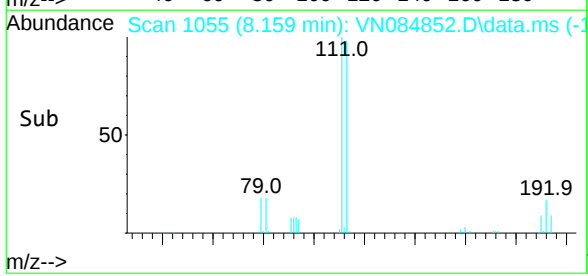
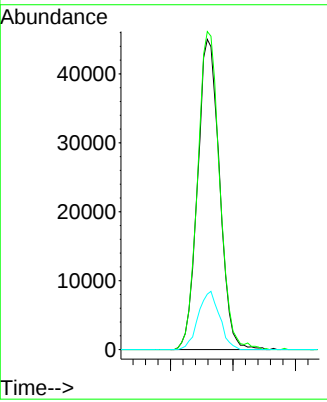
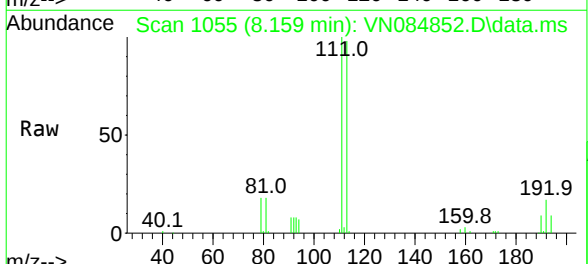
Instrument :
 MSVOA_N
 ClientSampleId :
 1594

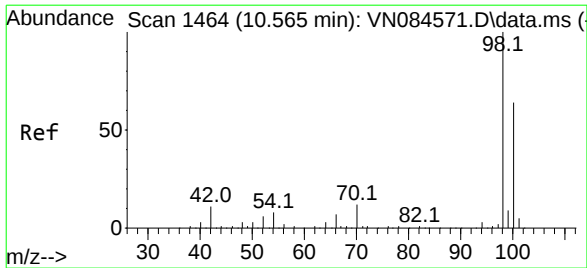
Tgt Ion:	114	Resp:	341153
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	43.8
88	16.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.460 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084852.D
 Acq: 14 Nov 2024 15:23

Tgt Ion:	113	Resp:	109594
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.3	124.9
192	18.3	13.5	20.3





#50

Toluene-d8

Concen: 47.117 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084852.D

Acq: 14 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

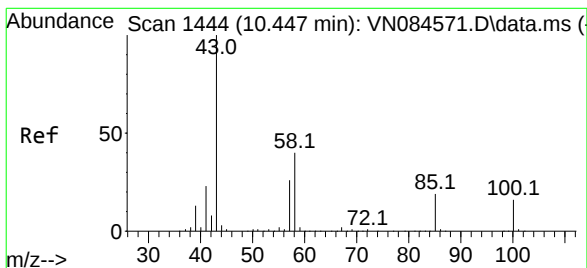
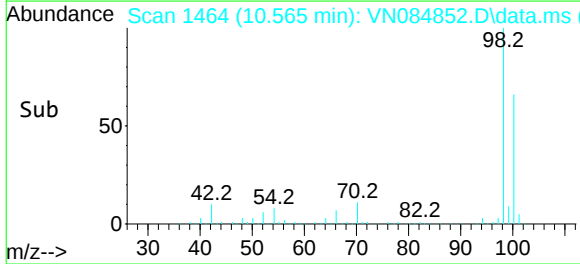
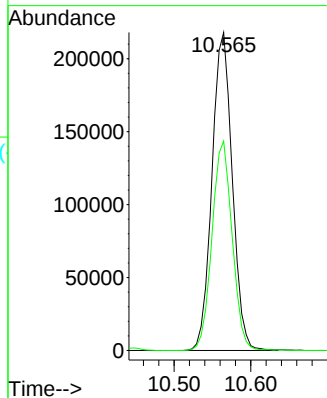
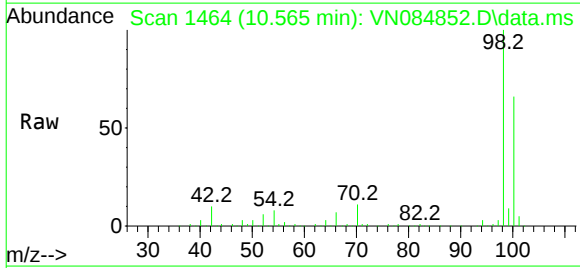
1594

Tgt Ion: 98 Resp: 400791

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 6.718 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN084852.D

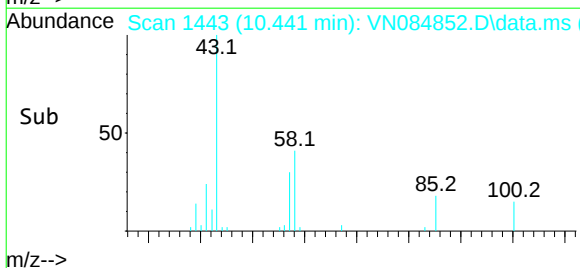
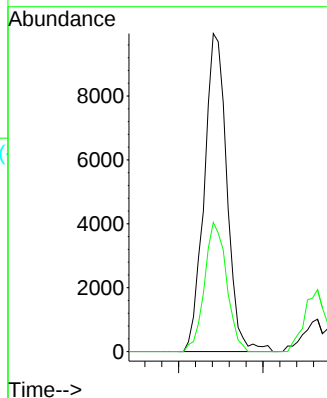
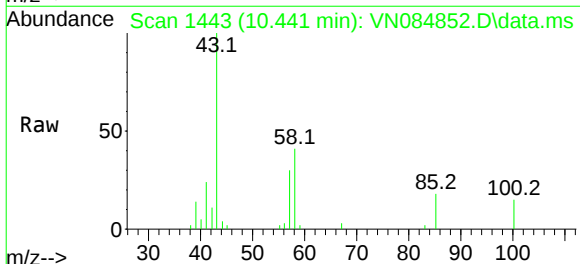
Acq: 14 Nov 2024 15:23

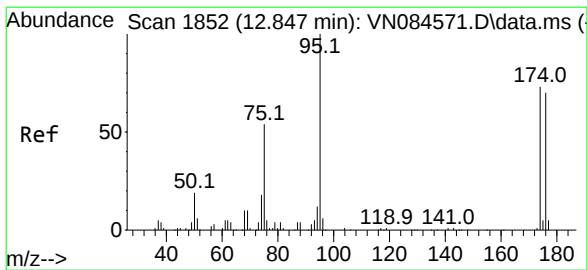
Tgt Ion: 43 Resp: 18610

Ion Ratio Lower Upper

43 100

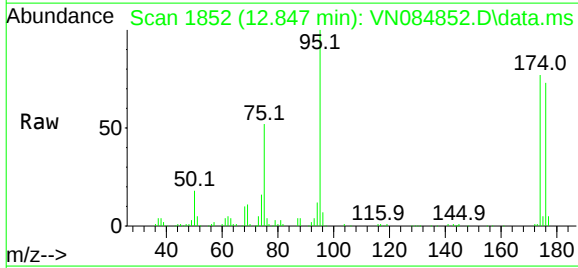
58 39.4 31.6 47.4



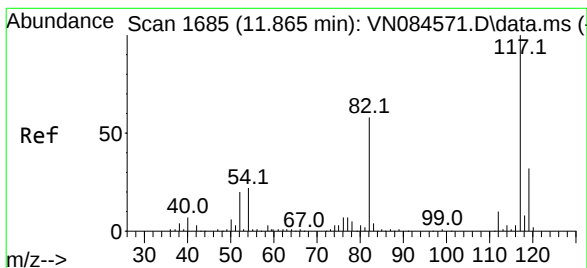
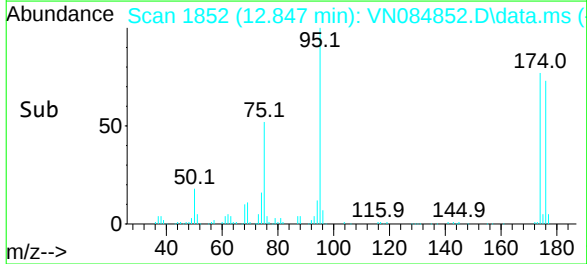
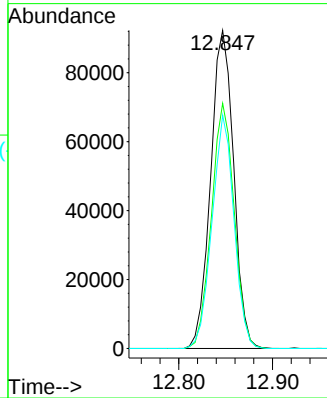


#62
4-Bromofluorobenzene
Concen: 49.403 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :
1594

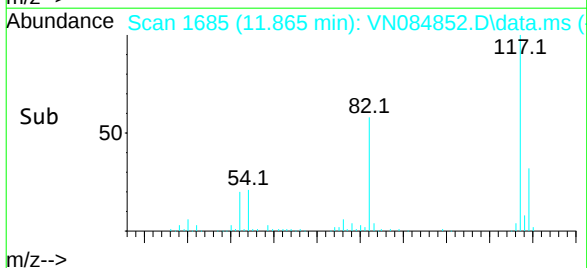
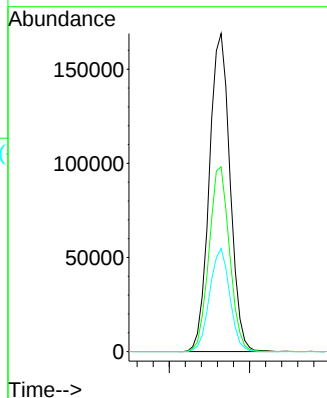
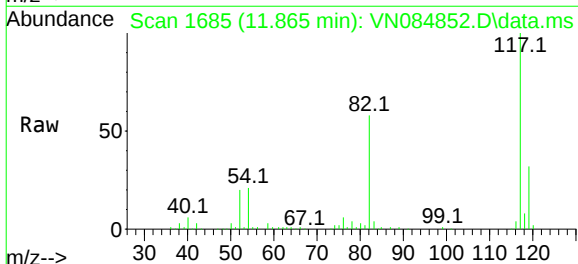


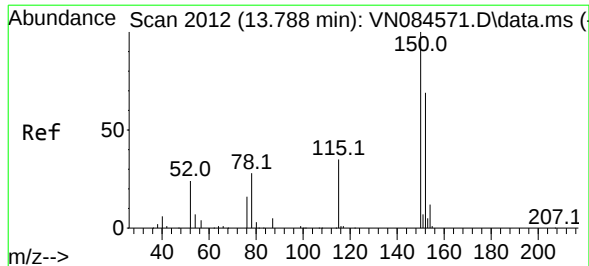
Tgt Ion: 95 Resp: 157057
Ion Ratio Lower Upper
95 100
174 76.3 0.0 145.2
176 70.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

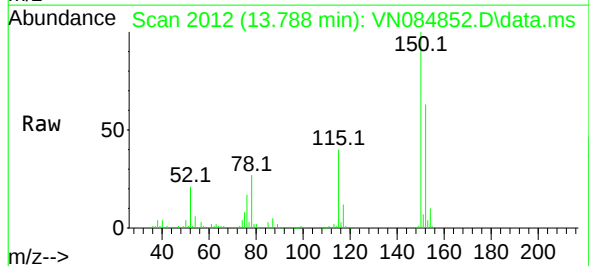
Tgt Ion: 117 Resp: 302863
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 32.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084852.D
 Acq: 14 Nov 2024 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 1594



Tgt Ion:	152	Resp:	148640
Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.3	93.9
150	159.2	0.0	349.8

