

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084755.D
 Acq On : 08 Nov 2024 17:20
 Operator : JC\MD
 Sample : P4738-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-12018

Quant Time: Nov 08 22:34:26 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)

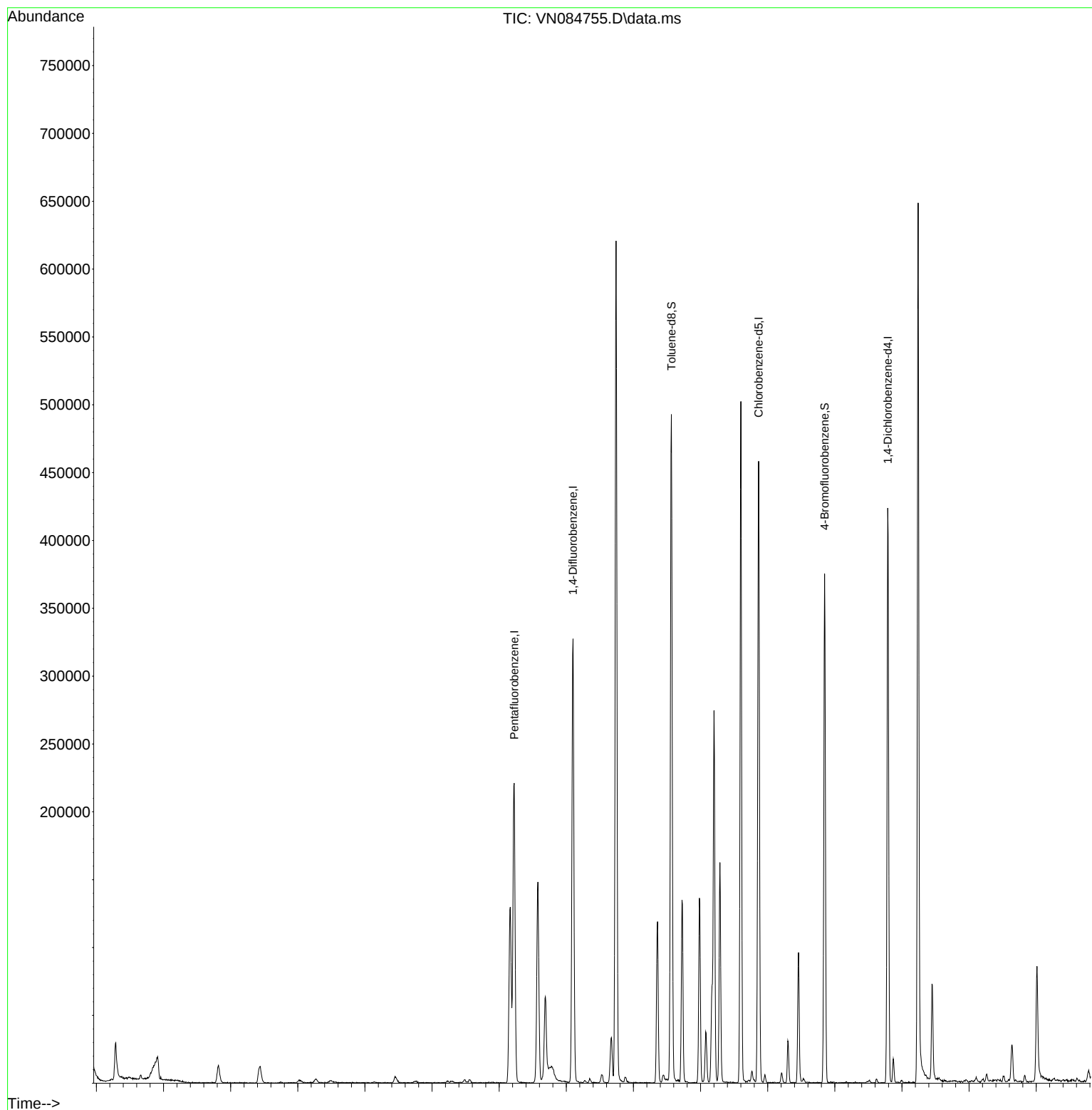
Internal Standards						
1) Pentafluorobenzene	8.224	168	161638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117872	50.489	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.980%		
35) Dibromofluoromethane	8.165	113	95364	49.268	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.540%		
50) Toluene-d8	10.565	98	342580	48.046	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.100%		
62) 4-Bromofluorobenzene	12.847	95	130921	49.130	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 98.260%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	23138	31.821	ug/l	98
20) Methylene Chloride	5.283	84	2299	1.120	ug/l #	55
43) Isopropyl Acetate	8.688	43	79478	17.027	ug/l #	87

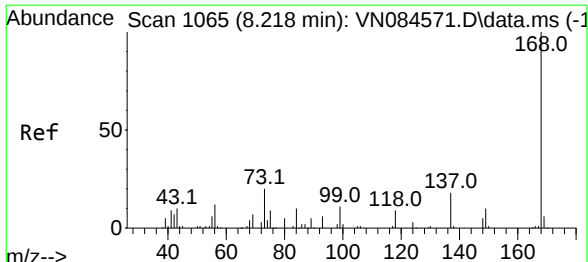
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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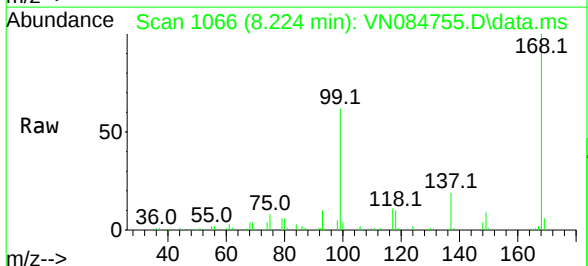
Quant Time: Nov 08 22:34:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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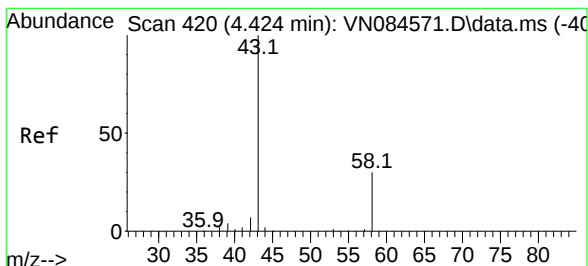
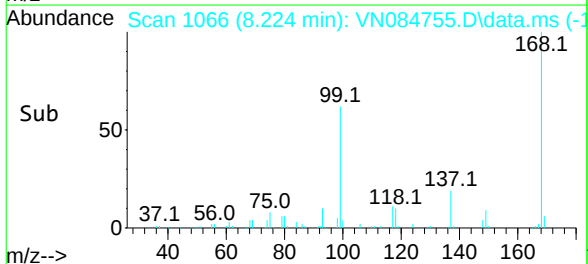
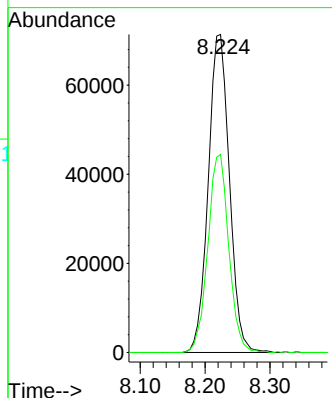


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084755.D
 Acq: 08 Nov 2024 17:20

Instrument :
 MSVOA_N
 ClientSampleId :
 72-12018

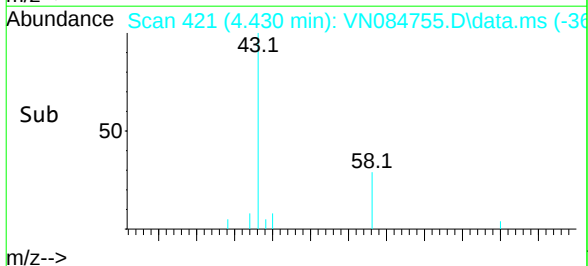
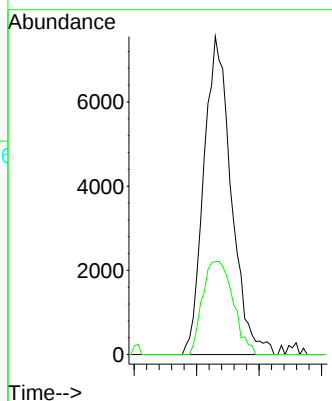
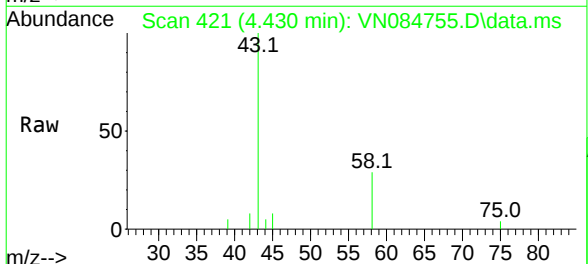


Tgt Ion: 168 Resp: 161638
 Ion Ratio Lower Upper
 168 100
 99 62.3 54.2 81.2



#16
 Acetone
 Concen: 31.821 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: VN084755.D
 Acq: 08 Nov 2024 17:20

Tgt Ion: 43 Resp: 23138
 Ion Ratio Lower Upper
 43 100
 58 29.3 24.4 36.6





#20

Methylene Chloride

Concen: 1.120 ug/l

RT: 5.283 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN084755.D

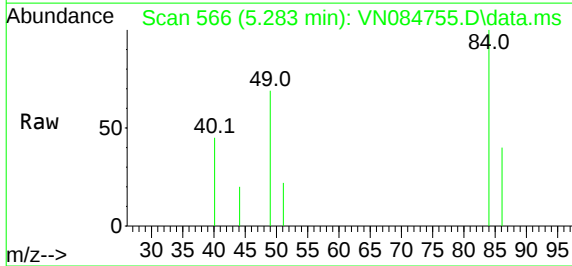
Acq: 08 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

72-12018



Tgt Ion: 84 Resp: 2299

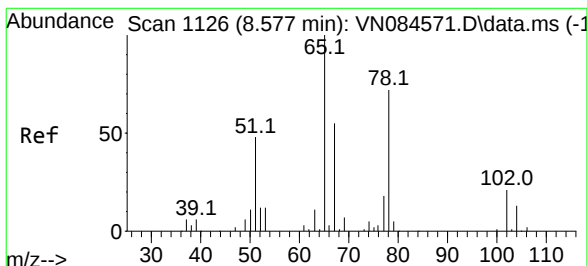
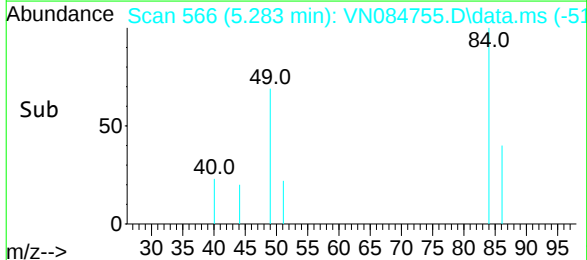
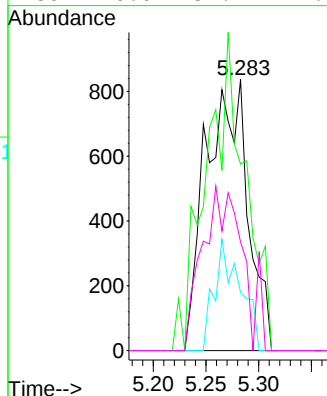
Ion Ratio Lower Upper

84 100

49 68.8 107.2 160.8#

51 21.5 31.8 47.8#

86 40.0 52.9 79.3#



#33

1,2-Dichloroethane-d4

Concen: 50.489 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084755.D

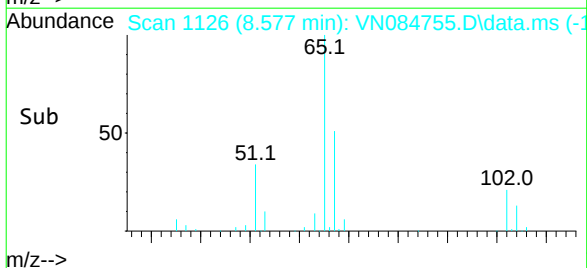
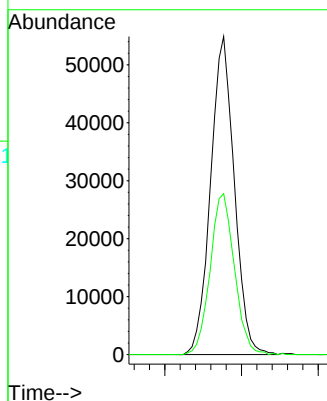
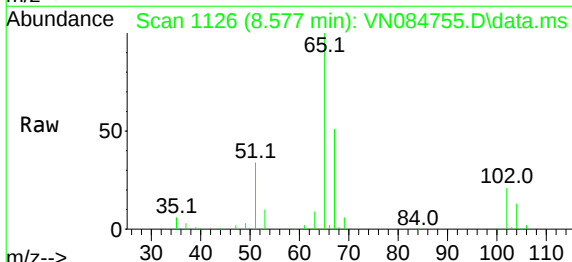
Acq: 08 Nov 2024 17:20

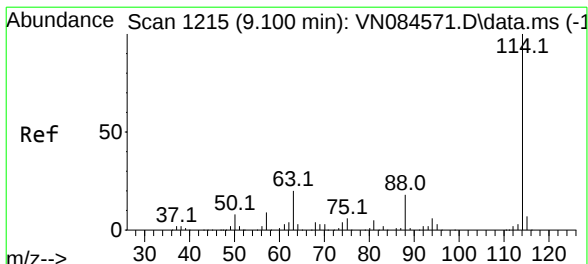
Tgt Ion: 65 Resp: 117872

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.0

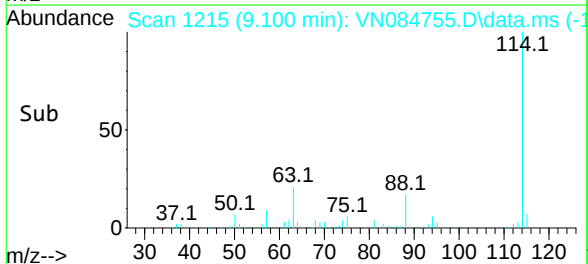
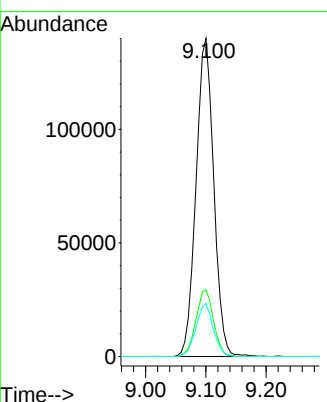
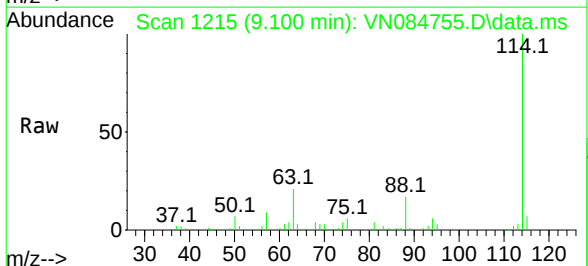




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084755.D
 Acq: 08 Nov 2024 17:20

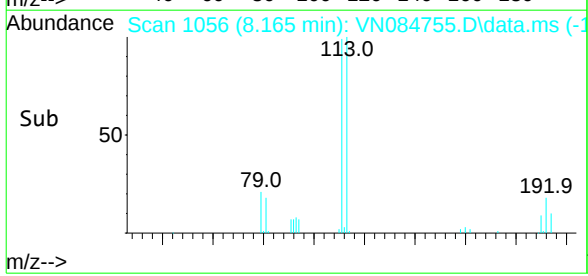
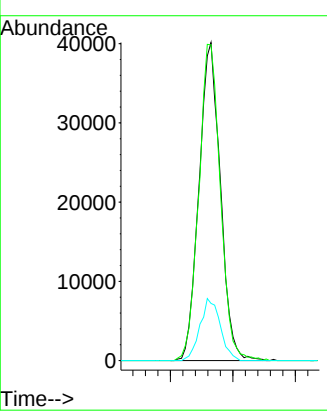
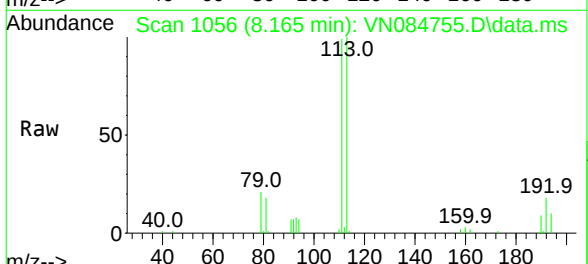
Instrument :
 MSVOA_N
 ClientSampleId :
 72-12018

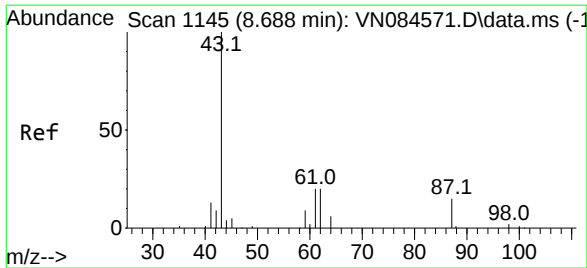
Tgt Ion:	114	Resp:	285963
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.8
88	16.7	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 49.268 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084755.D
 Acq: 08 Nov 2024 17:20

Tgt Ion:	113	Resp:	95364
Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.3	124.9
192	18.5	13.5	20.3





#43

Isopropyl Acetate

Concen: 17.027 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084755.D

Acq: 08 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

72-12018

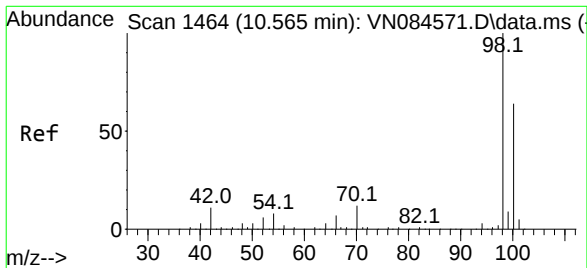
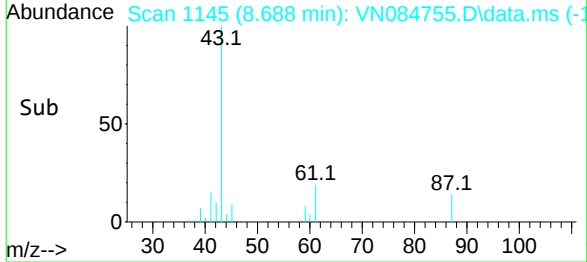
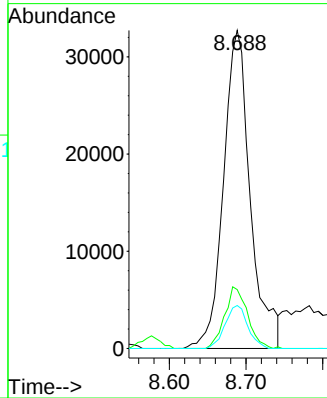
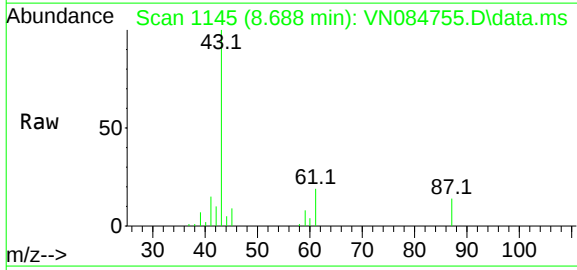
Tgt Ion: 43 Resp: 79478

Ion Ratio Lower Upper

43 100

61 16.5 20.4 30.6#

87 11.4 10.3 15.5



#50

Toluene-d8

Concen: 48.046 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084755.D

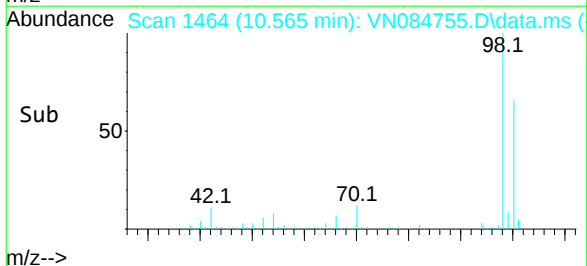
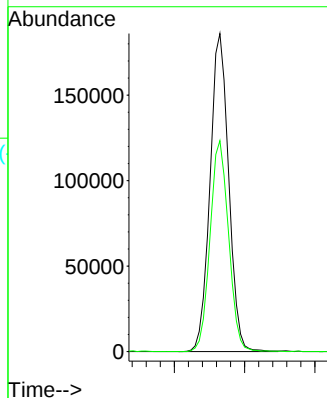
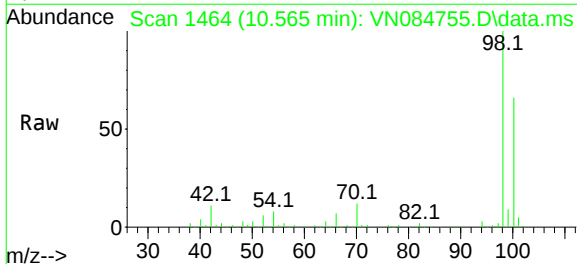
Acq: 08 Nov 2024 17:20

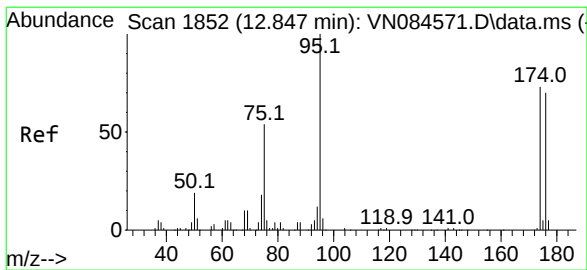
Tgt Ion: 98 Resp: 342580

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 49.130 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084755.D

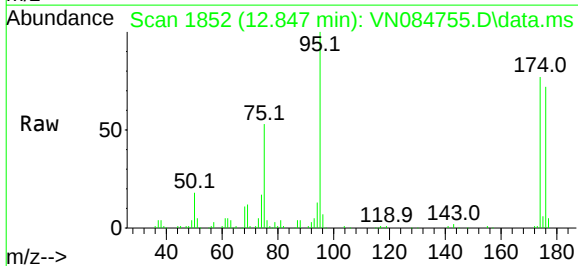
Acq: 08 Nov 2024 17:20

Instrument :

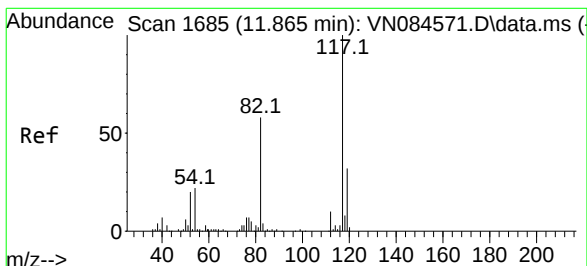
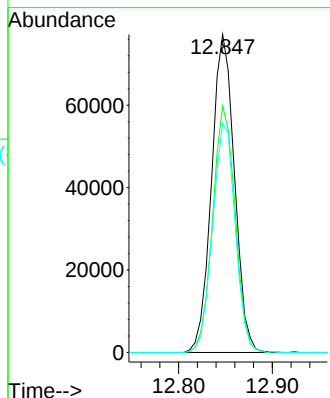
MSVOA_N

ClientSampleId :

72-12018



Tgt Ion:	95	Resp:	130921
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	145.2
176	71.3	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

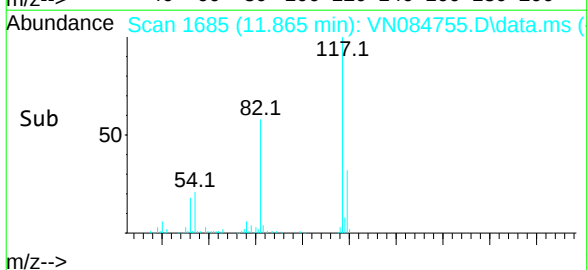
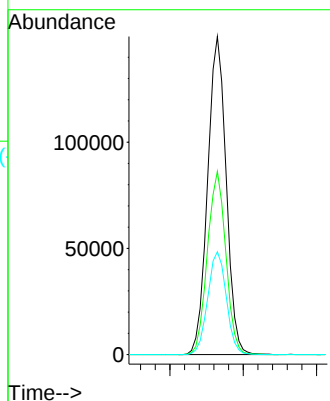
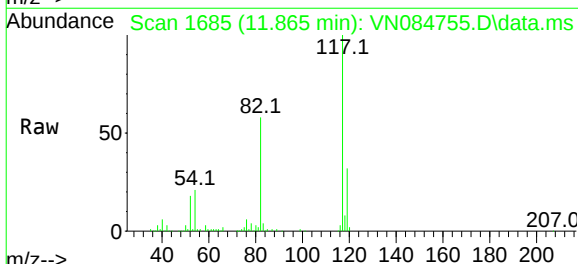
RT: 11.865 min Scan# 1685

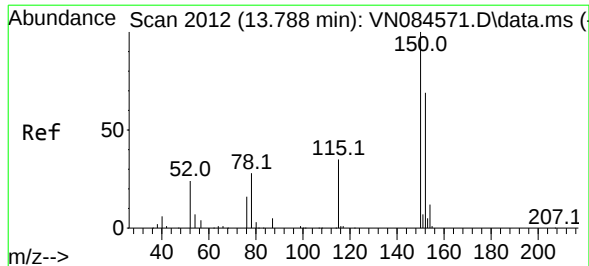
Delta R.T. -0.000 min

Lab File: VN084755.D

Acq: 08 Nov 2024 17:20

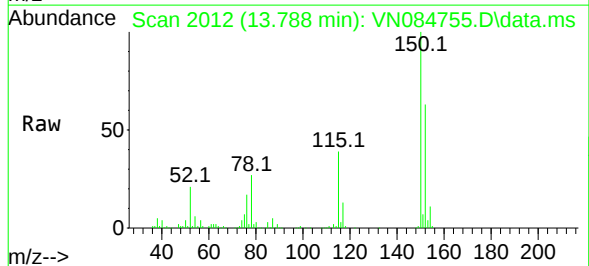
Tgt Ion:	117	Resp:	263471
Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.2	70.8
119	32.3	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN084755.D
Acq: 08 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
72-12018



Tgt Ion:	152	Resp:	113640
Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.3	93.9
150	160.9	0.0	349.8

