

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
 Data File : VN084783.D
 Acq On : 11 Nov 2024 19:42
 Operator : JC\MD
 Sample : P4795-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-23-00189

Quant Time: Nov 12 00:38:05 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)

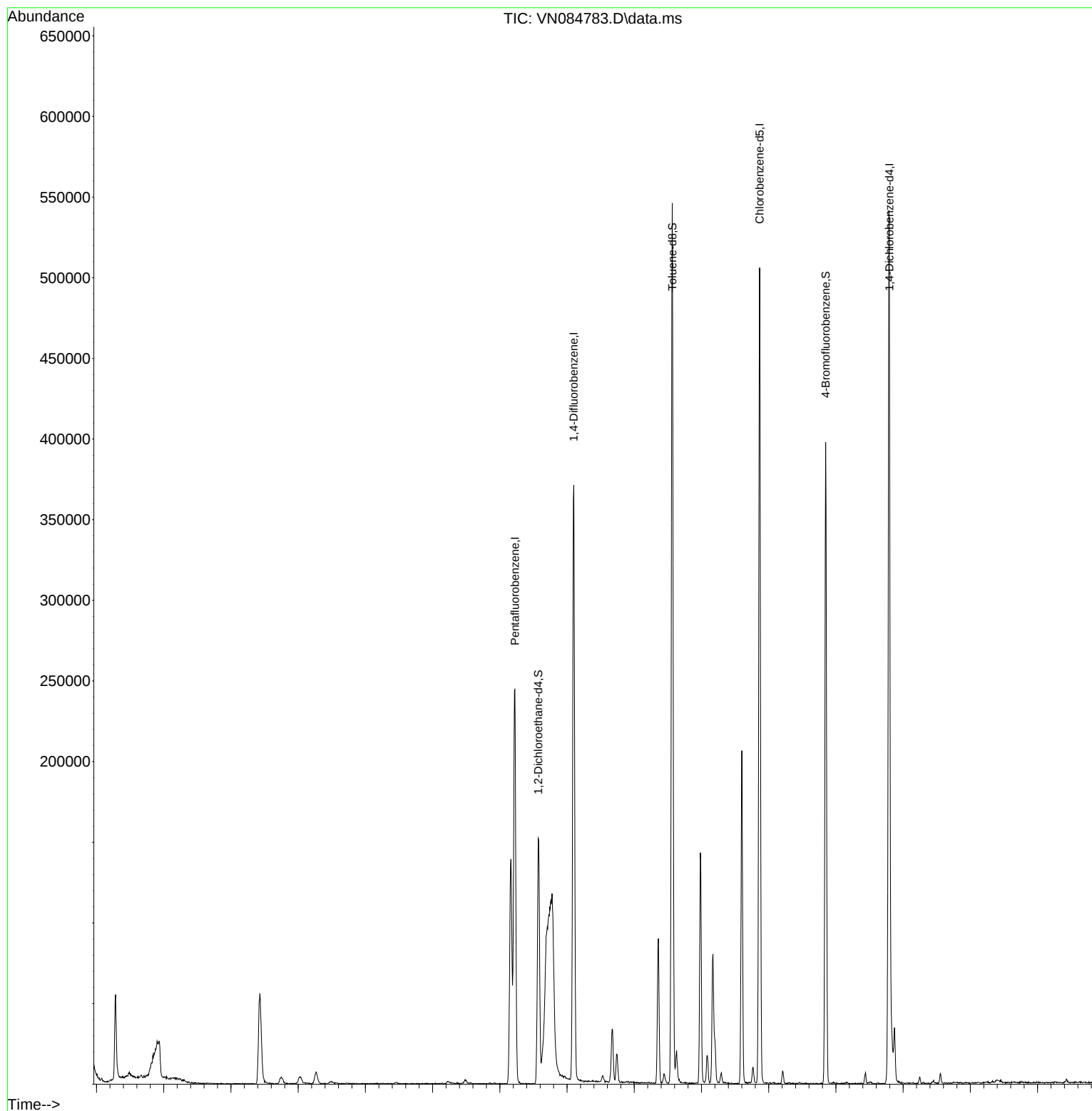
Internal Standards						
1) Pentafluorobenzene	8.224	168	179230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	128866	49.780	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.560%	
35) Dibromofluoromethane	8.165	113	102784	47.714	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.420%	
50) Toluene-d8	10.565	98	375371	47.304	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	94.600%	
62) 4-Bromofluorobenzene	12.847	95	140124	47.249	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.500%	
Target Compounds						
16) Acetone	4.430	43	107259	142.208	ug/l	97
20) Methylene Chloride	5.271	84	5482	2.408	ug/l #	85
43) Isopropyl Acetate	8.700	43	129157	25.316	ug/l #	65
52) Toluene	10.630	92	8092	1.442	ug/l	93

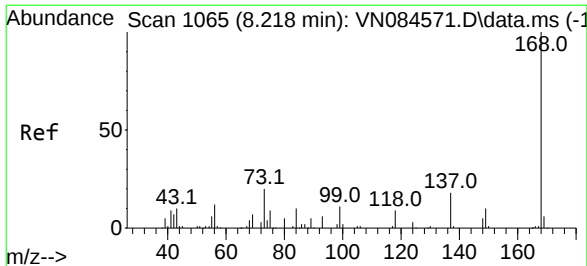
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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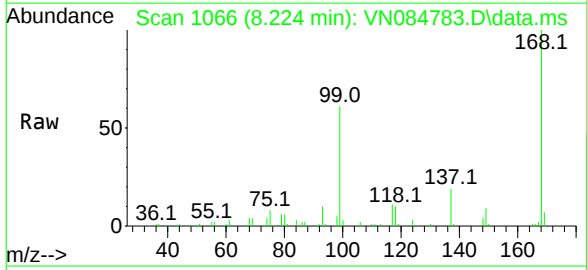
Quant Time: Nov 12 00:38:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



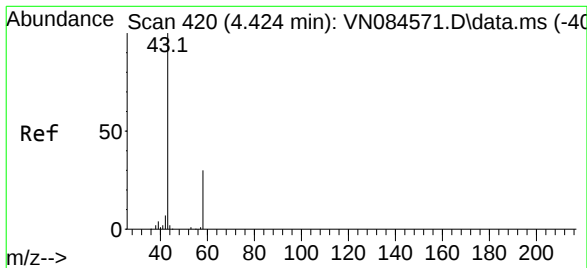
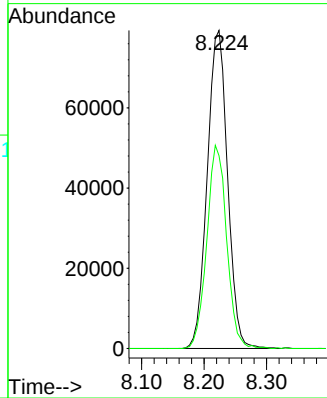
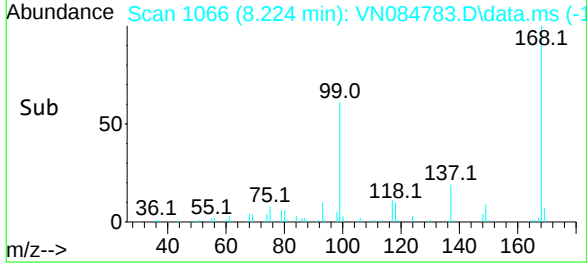


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084783.D
Acq: 11 Nov 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-23-00189

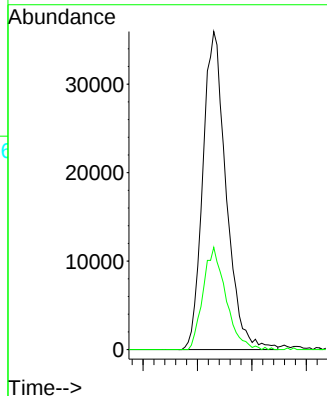
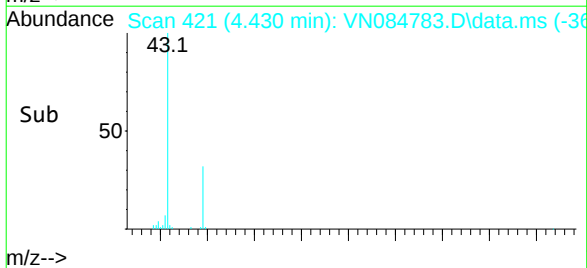
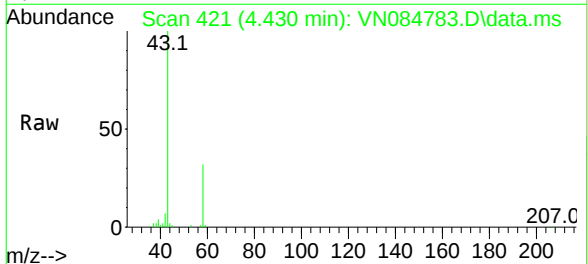


Tgt Ion:168 Resp: 179230
Ion Ratio Lower Upper
168 100
99 60.6 54.2 81.2



#16
Acetone
Concen: 142.208 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084783.D
Acq: 11 Nov 2024 19:42

Tgt Ion: 43 Resp: 107259
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6

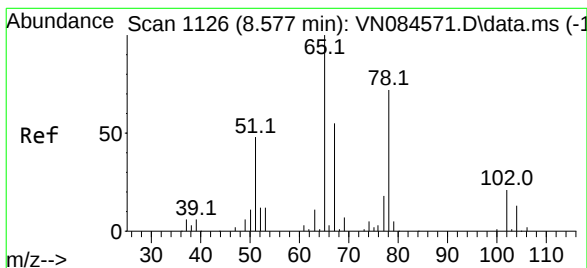
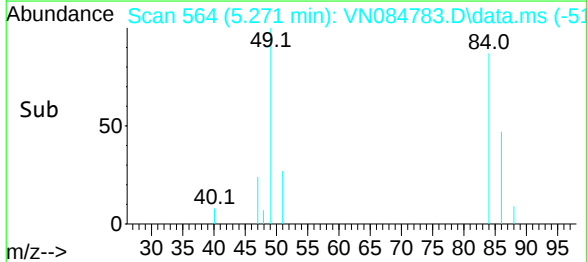
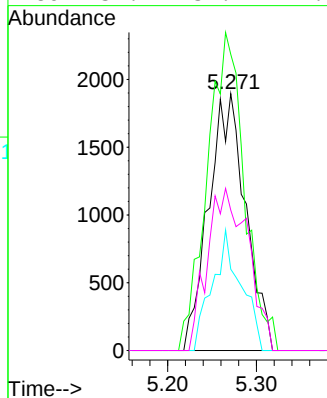
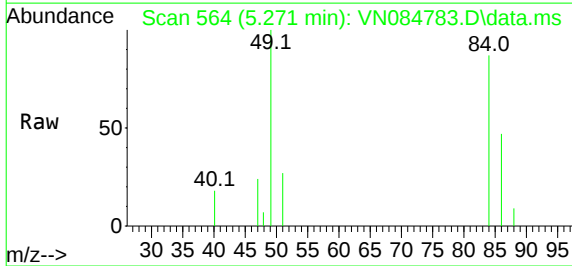




#20
Methylene Chloride
Concen: 2.408 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084783.D
Acq: 11 Nov 2024 19:42

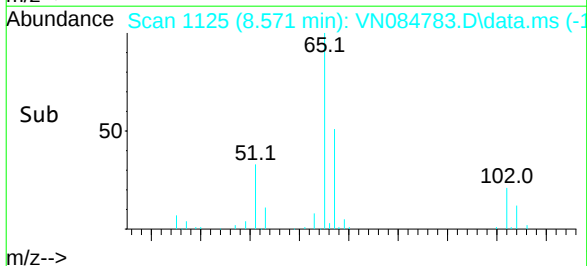
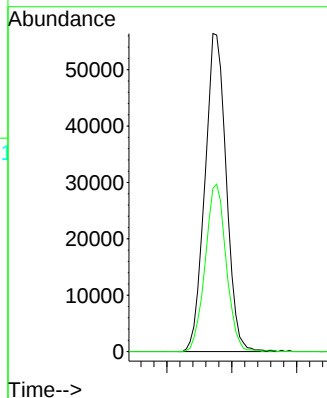
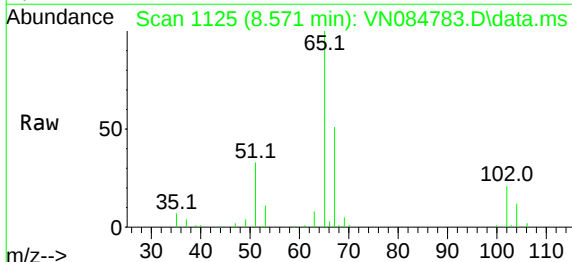
Instrument :
MSVOA_N
ClientSampleId :
LAW-23-00189

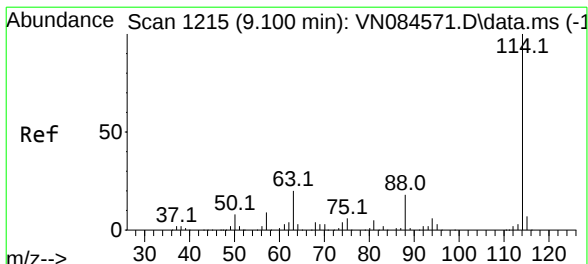
Tgt Ion:	84	Resp:	5482
Ion	Ratio	Lower	Upper
84	100		
49	115.3	107.2	160.8
51	31.7	31.8	47.8#
86	54.7	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 49.780 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084783.D
Acq: 11 Nov 2024 19:42

Tgt Ion:	65	Resp:	128866
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.0

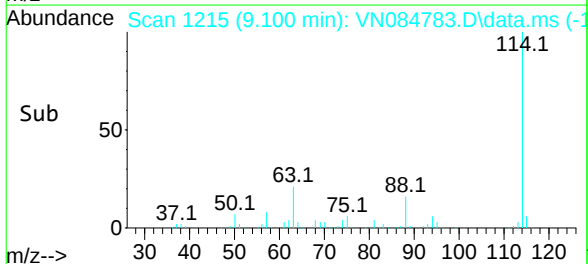
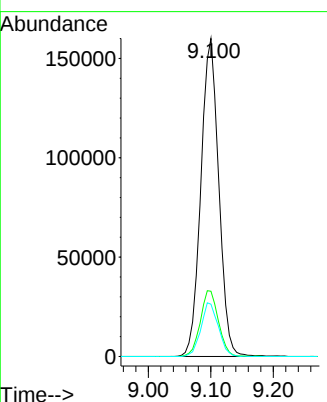
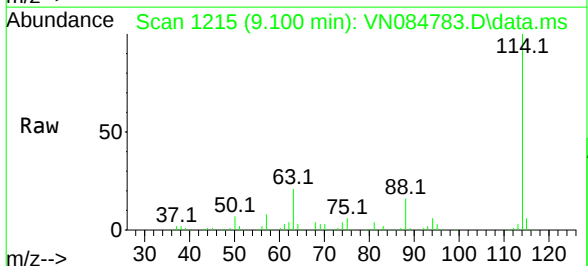




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084783.D
 Acq: 11 Nov 2024 19:42

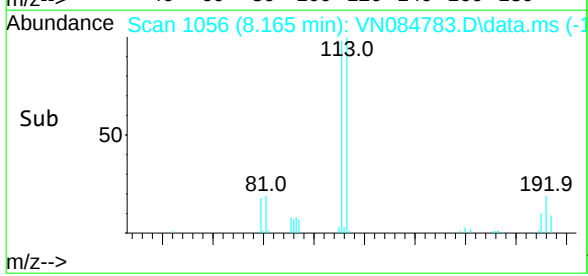
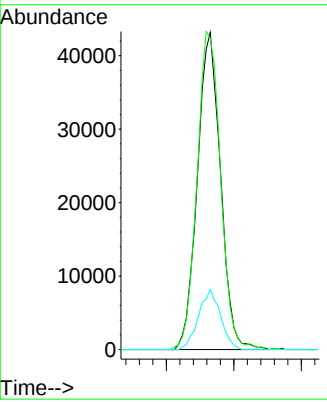
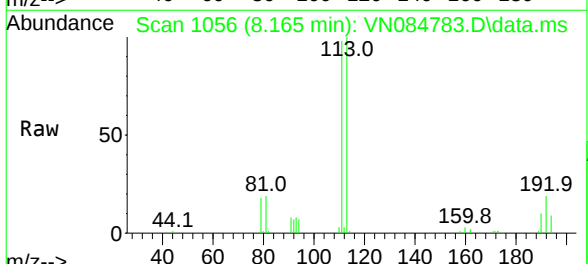
Instrument : MSVOA_N
 ClientSampleId : LAW-23-00189

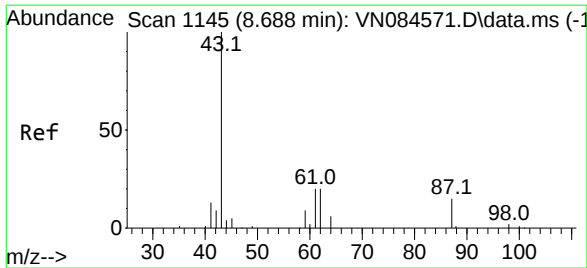
Tgt Ion:	114	Resp:	318250
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	43.8
88	16.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.714 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084783.D
 Acq: 11 Nov 2024 19:42

Tgt Ion:	113	Resp:	102784
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.3	124.9
192	18.1	13.5	20.3





#43

Isopropyl Acetate

Concen: 25.316 ug/l

RT: 8.700 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN084783.D

Acq: 11 Nov 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

LAW-23-00189

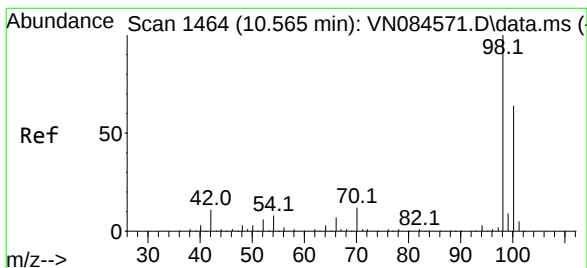
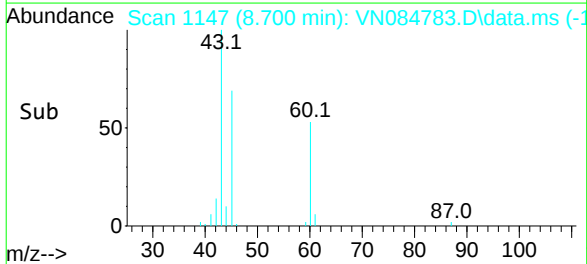
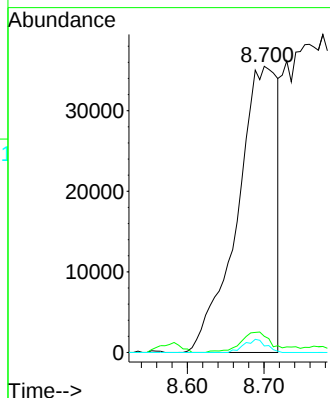
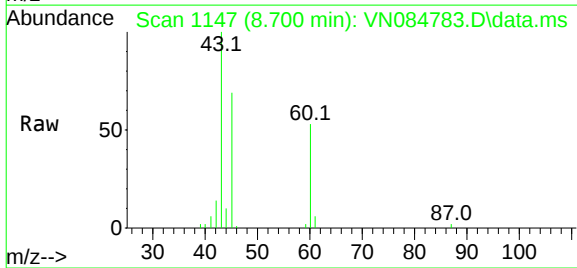
Tgt Ion: 43 Resp: 129157

Ion Ratio Lower Upper

43 100

61 5.6 20.4 30.6#

87 2.5 10.3 15.5#



#50

Toluene-d8

Concen: 47.304 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084783.D

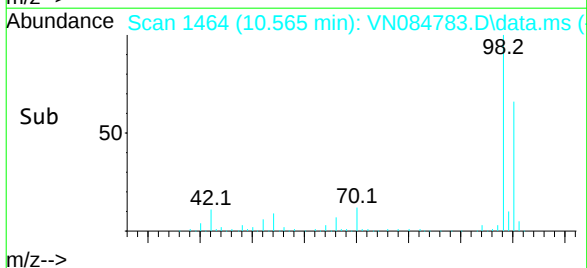
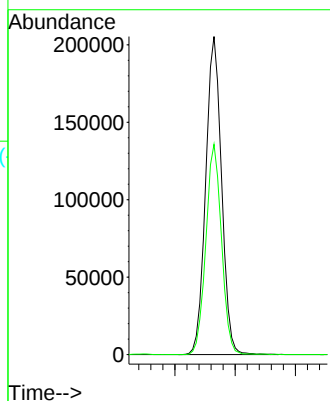
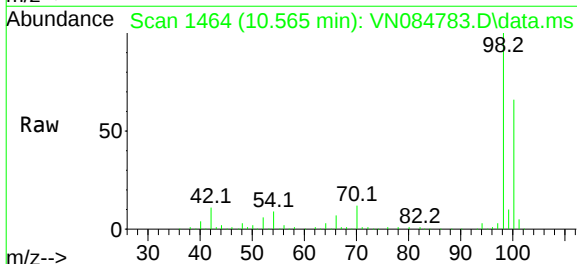
Acq: 11 Nov 2024 19:42

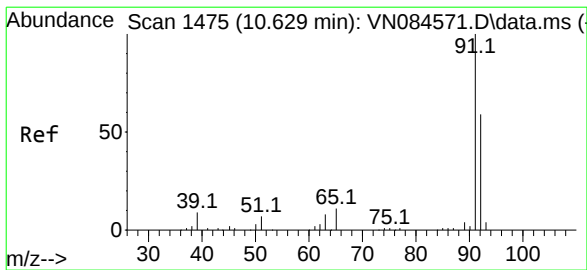
Tgt Ion: 98 Resp: 375371

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1





#52

Toluene

Concen: 1.442 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084783.D

Acq: 11 Nov 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

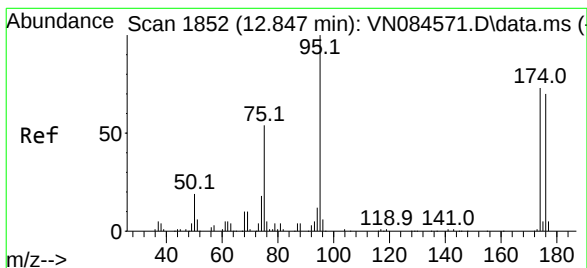
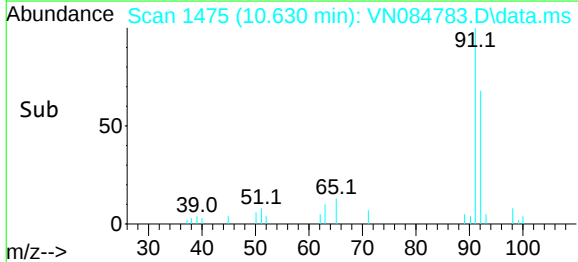
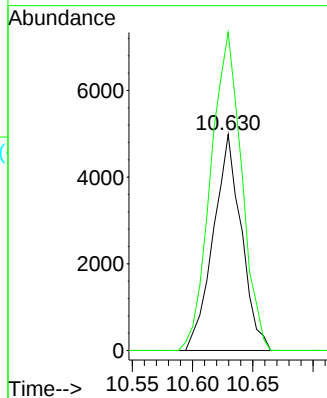
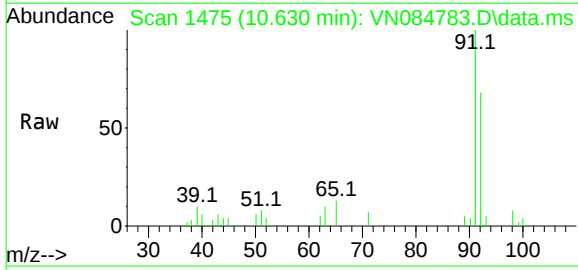
LAW-23-00189

Tgt Ion: 92 Resp: 8092

Ion Ratio Lower Upper

92 100

91 161.9 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 47.249 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084783.D

Acq: 11 Nov 2024 19:42

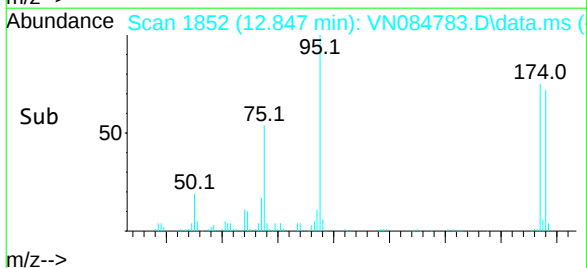
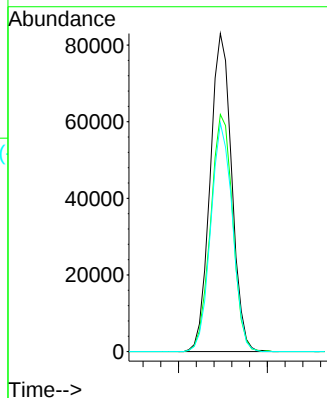
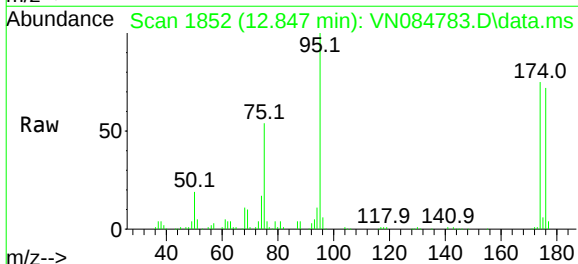
Tgt Ion: 95 Resp: 140124

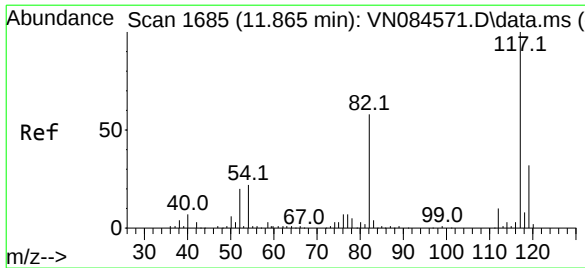
Ion Ratio Lower Upper

95 100

174 76.3 0.0 145.2

176 72.1 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN084783.D

Acq: 11 Nov 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

LAW-23-00189

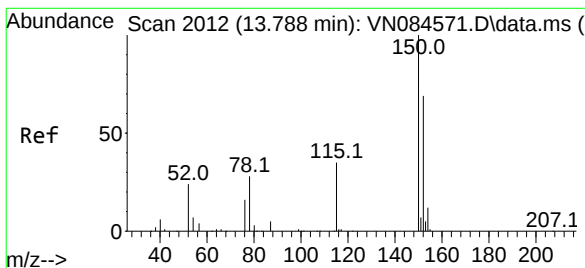
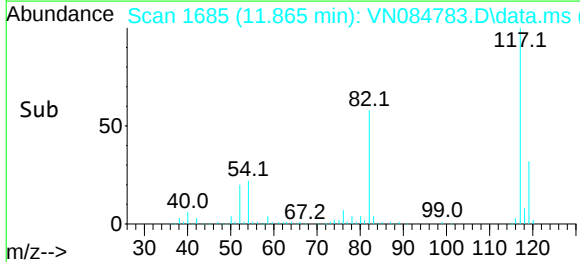
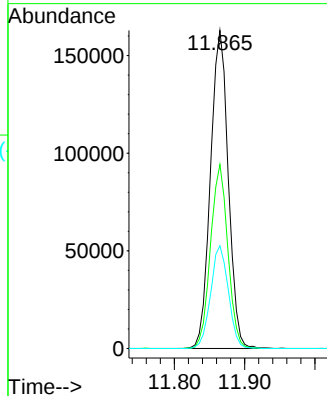
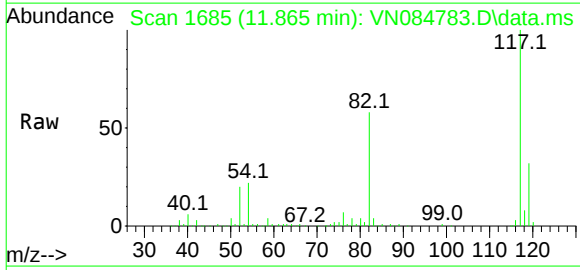
Tgt Ion:117 Resp: 285854

Ion Ratio Lower Upper

117 100

82 57.9 47.2 70.8

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084783.D

Acq: 11 Nov 2024 19:42

Tgt Ion:152 Resp: 135829

Ion Ratio Lower Upper

152 100

115 67.1 31.3 93.9

150 159.2 0.0 349.8

