

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085166.D
 Acq On : 10 Dec 2024 15:06
 Operator : JC\MD
 Sample : P5216-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12

Quant Time: Dec 11 04:16:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

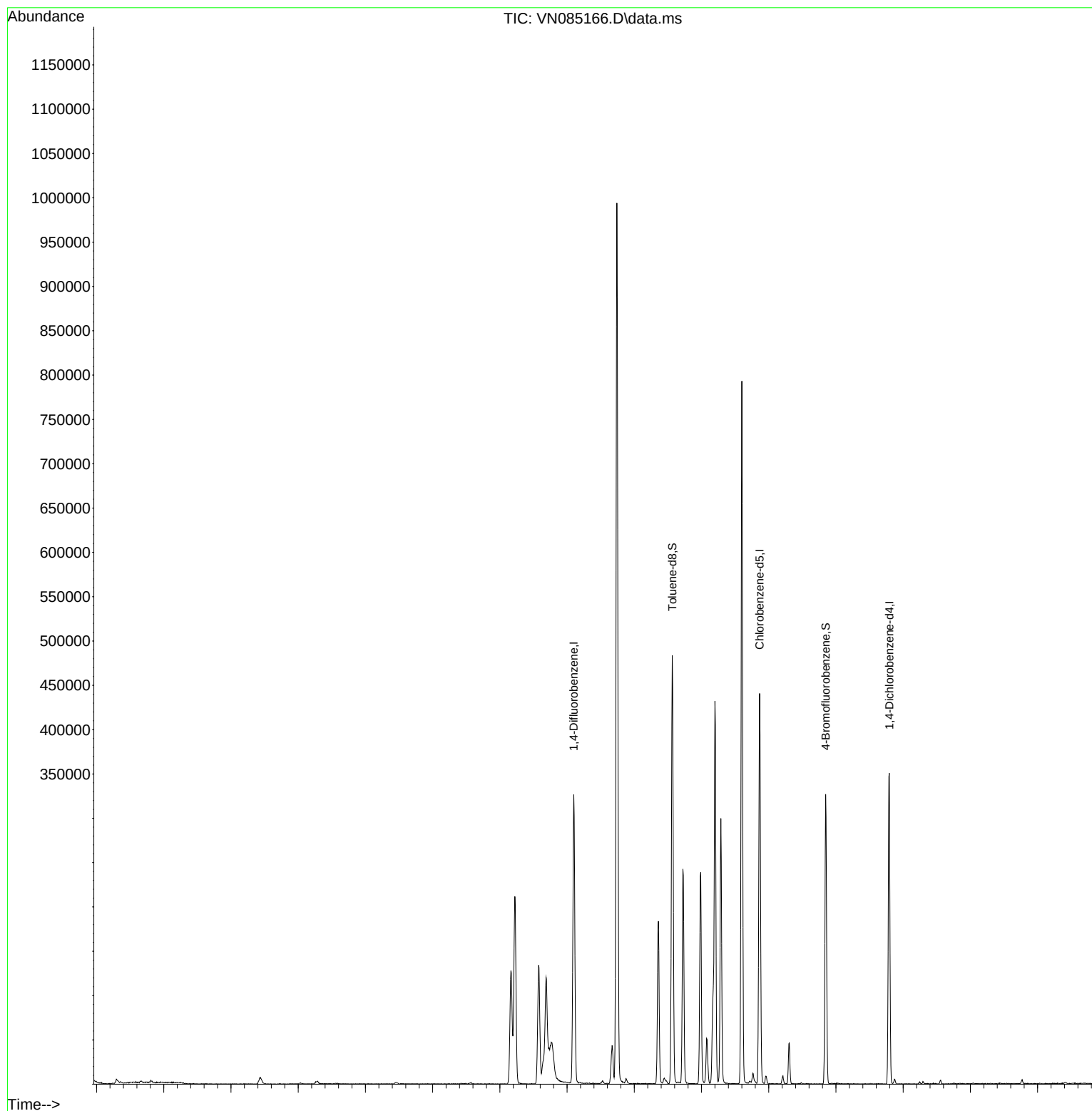
Internal Standards						
1) Pentafluorobenzene	8.224	168	146481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110962	53.181	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.360%	
35) Dibromofluoromethane	8.171	113	92012	49.567	ug/l	0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.140%	
50) Toluene-d8	10.565	98	333022	50.059	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.120%	
62) 4-Bromofluorobenzene	12.847	95	111361	44.762	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	89.520%	
Target Compounds						
16) Acetone	4.442	43	14572	23.980	ug/l	Qvalue 98
43) Isopropyl Acetate	8.688	43	170431	35.895	ug/l #	78

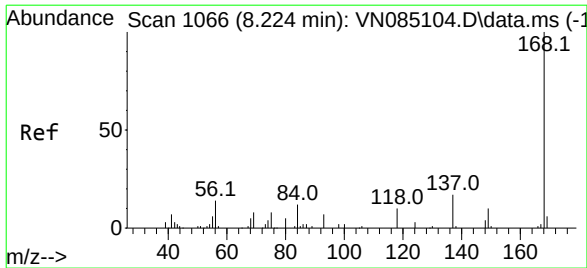
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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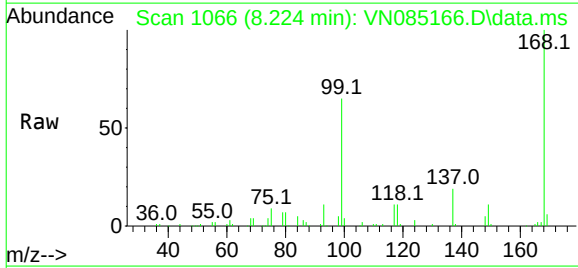
Quant Time: Dec 11 04:16:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



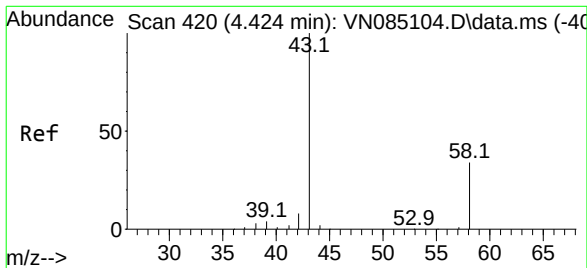
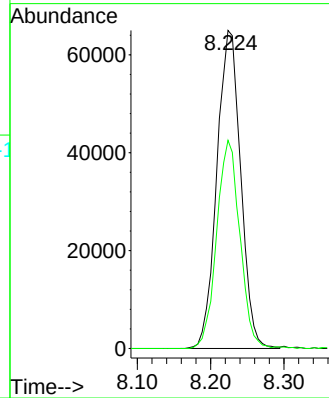
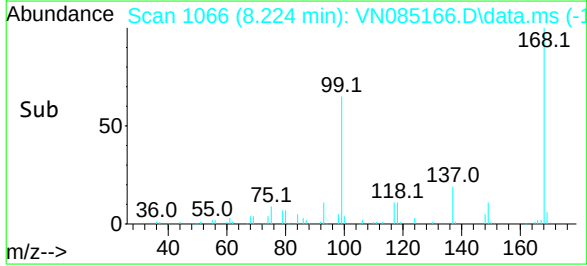


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085166.D
Acq: 10 Dec 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
TP-12

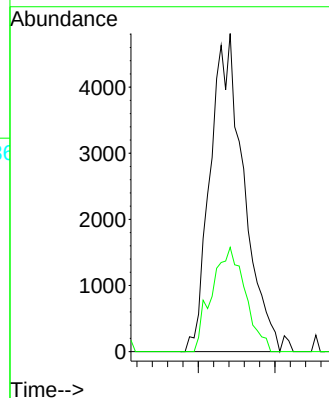
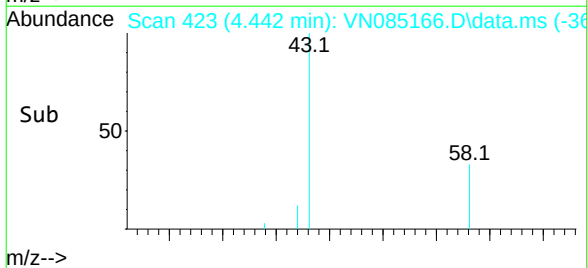
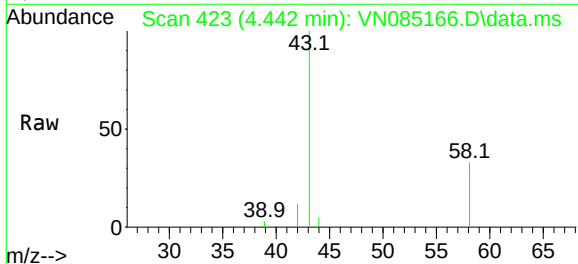


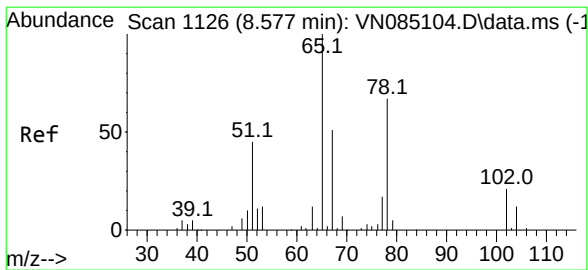
Tgt Ion: 168 Resp: 146481
Ion Ratio Lower Upper
168 100
99 65.4 51.2 76.8



#16
Acetone
Concen: 23.980 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN085166.D
Acq: 10 Dec 2024 15:06

Tgt Ion: 43 Resp: 14572
Ion Ratio Lower Upper
43 100
58 32.8 25.4 38.2



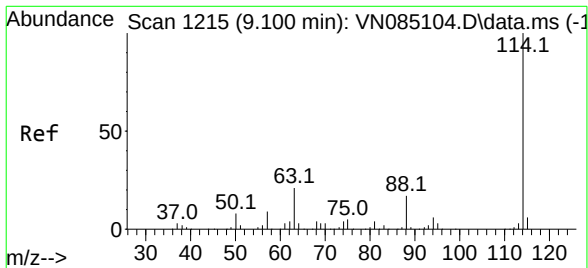
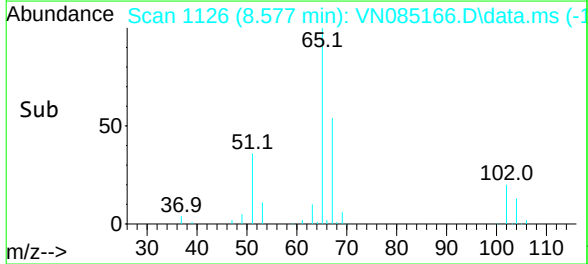
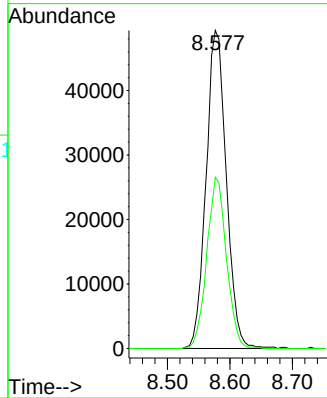
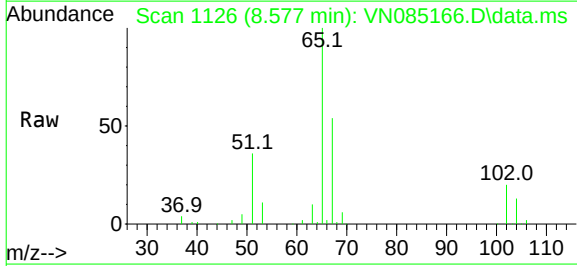


#33
 1,2-Dichloroethane-d4
 Concen: 53.181 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: VN085166.D
 Acq: 10 Dec 2024 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12

Tgt Ion: 65 Resp: 110962

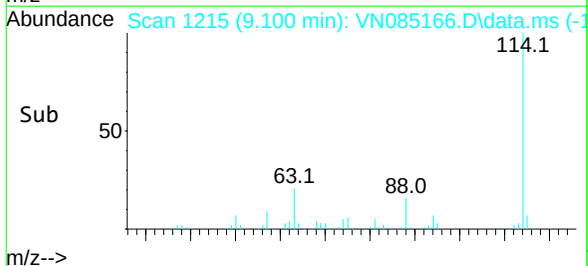
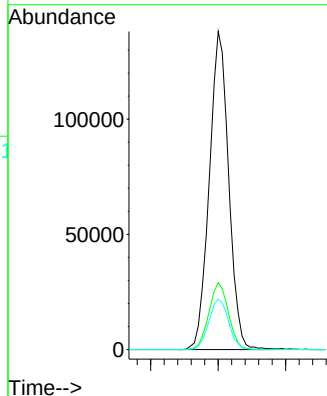
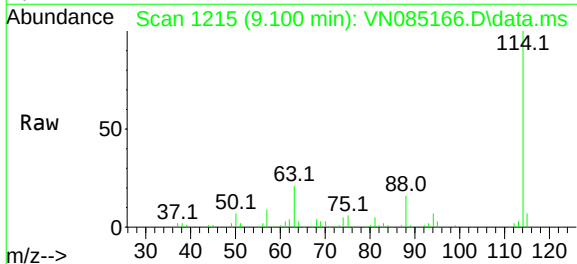
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.0

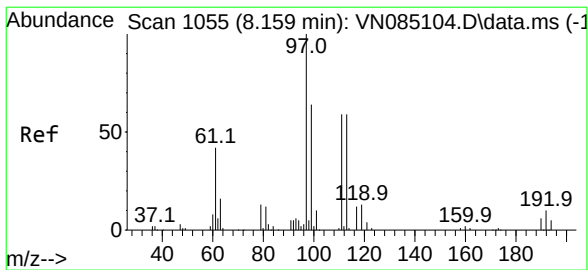


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085166.D
 Acq: 10 Dec 2024 15:06

Tgt Ion: 114 Resp: 275269

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.0
88	15.8	0.0	34.8





#35

Dibromofluoromethane

Concen: 49.567 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.012 min

Lab File: VN085166.D

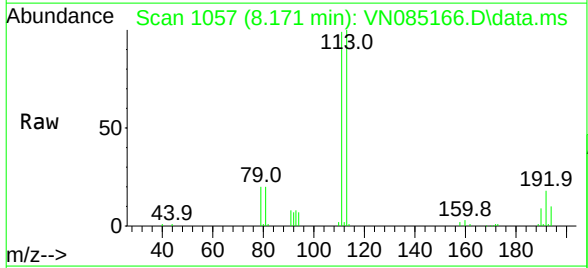
Acq: 10 Dec 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

TP-12



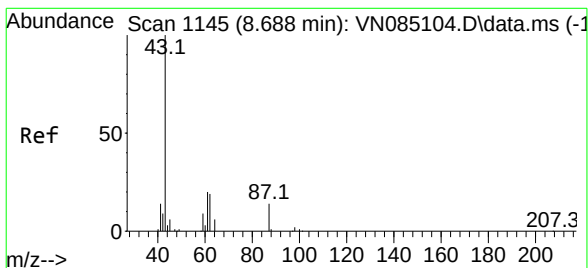
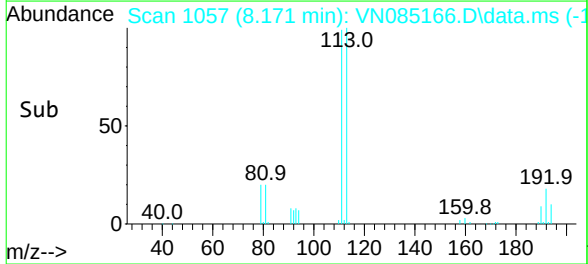
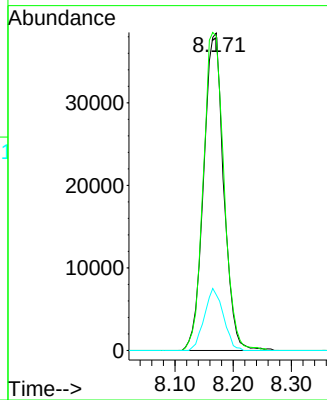
Tgt Ion: 113 Resp: 92012

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 18.5 14.8 22.2



#43

Isopropyl Acetate

Concen: 35.895 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085166.D

Acq: 10 Dec 2024 15:06

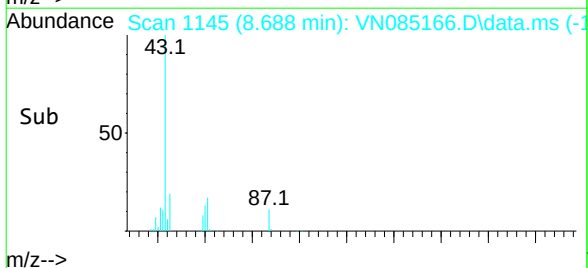
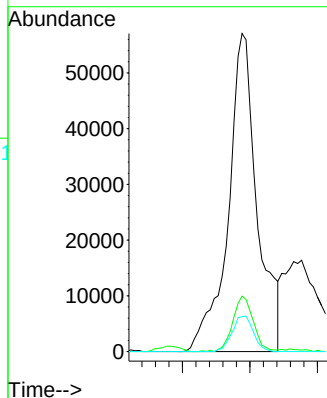
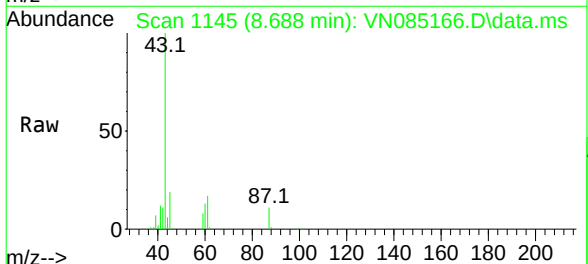
Tgt Ion: 43 Resp: 170431

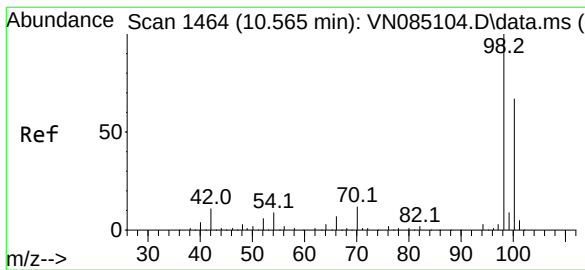
Ion Ratio Lower Upper

43 100

61 12.4 20.6 30.8#

87 8.2 11.0 16.4#





#50

Toluene-d8

Concen: 50.059 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085166.D

Acq: 10 Dec 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

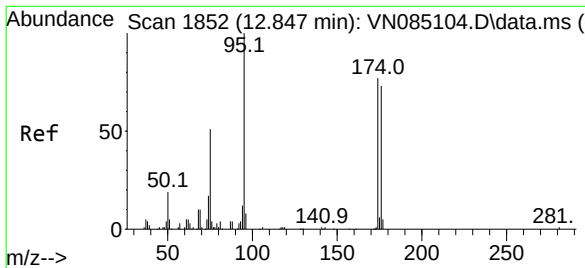
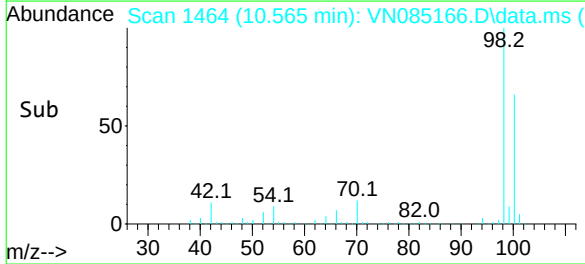
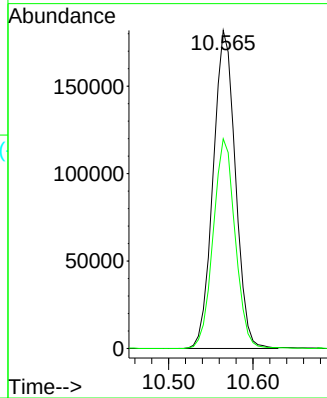
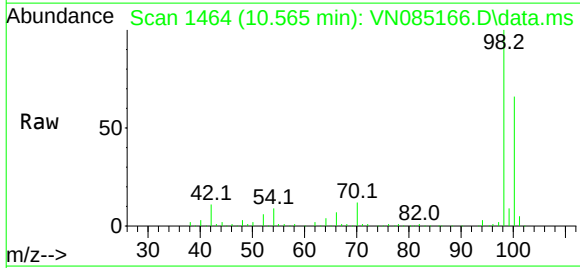
TP-12

Tgt Ion: 98 Resp: 333022

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.762 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085166.D

Acq: 10 Dec 2024 15:06

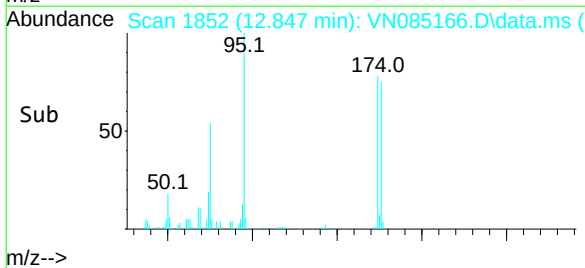
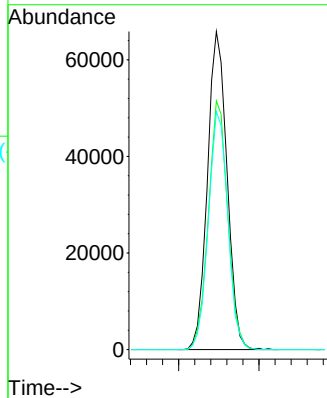
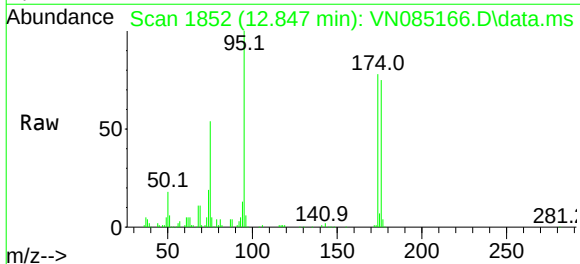
Tgt Ion: 95 Resp: 111361

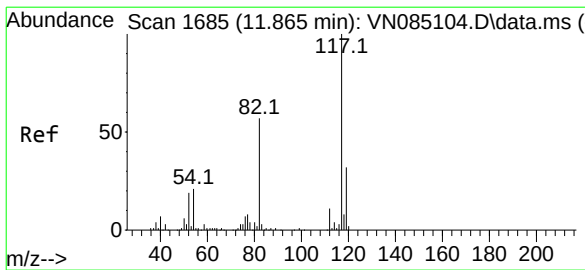
Ion Ratio Lower Upper

95 100

174 77.4 0.0 146.6

176 74.1 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085166.D

Acq: 10 Dec 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

TP-12

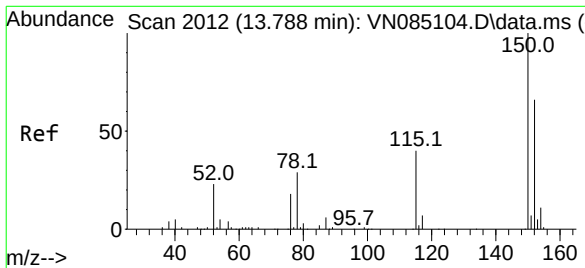
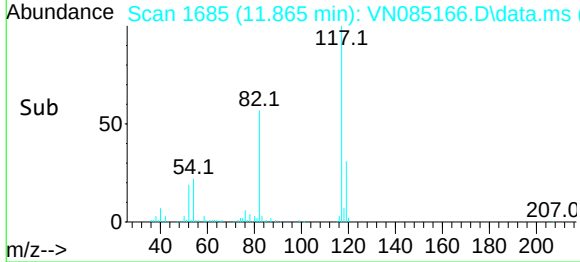
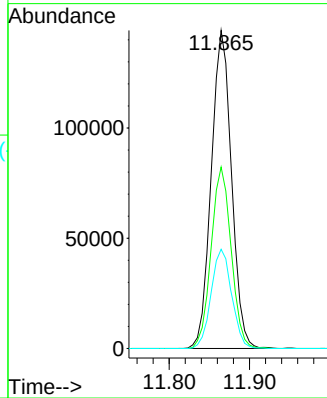
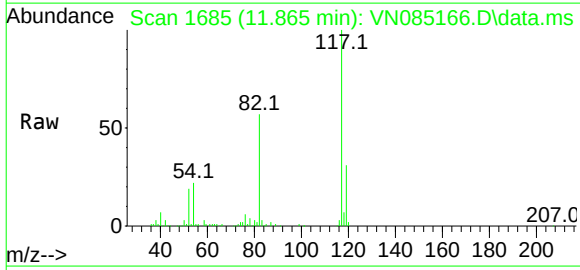
Tgt Ion:117 Resp: 252526

Ion Ratio Lower Upper

117 100

82 57.0 46.0 69.0

119 31.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085166.D

Acq: 10 Dec 2024 15:06

Tgt Ion:152 Resp: 97355

Ion Ratio Lower Upper

152 100

115 62.0 31.7 95.1

150 159.5 0.0 351.4

