

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085038.D
 Acq On : 26 Nov 2024 12:09
 Operator : JC\MD
 Sample : VN1126MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBL02

Quant Time: Nov 27 05:11:18 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	8.218	168	150023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100567	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	112623	52.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.400%
35) Dibromofluoromethane	8.159	113	90857	51.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.565	98	300189	47.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.847	95	112830	47.496	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.000%

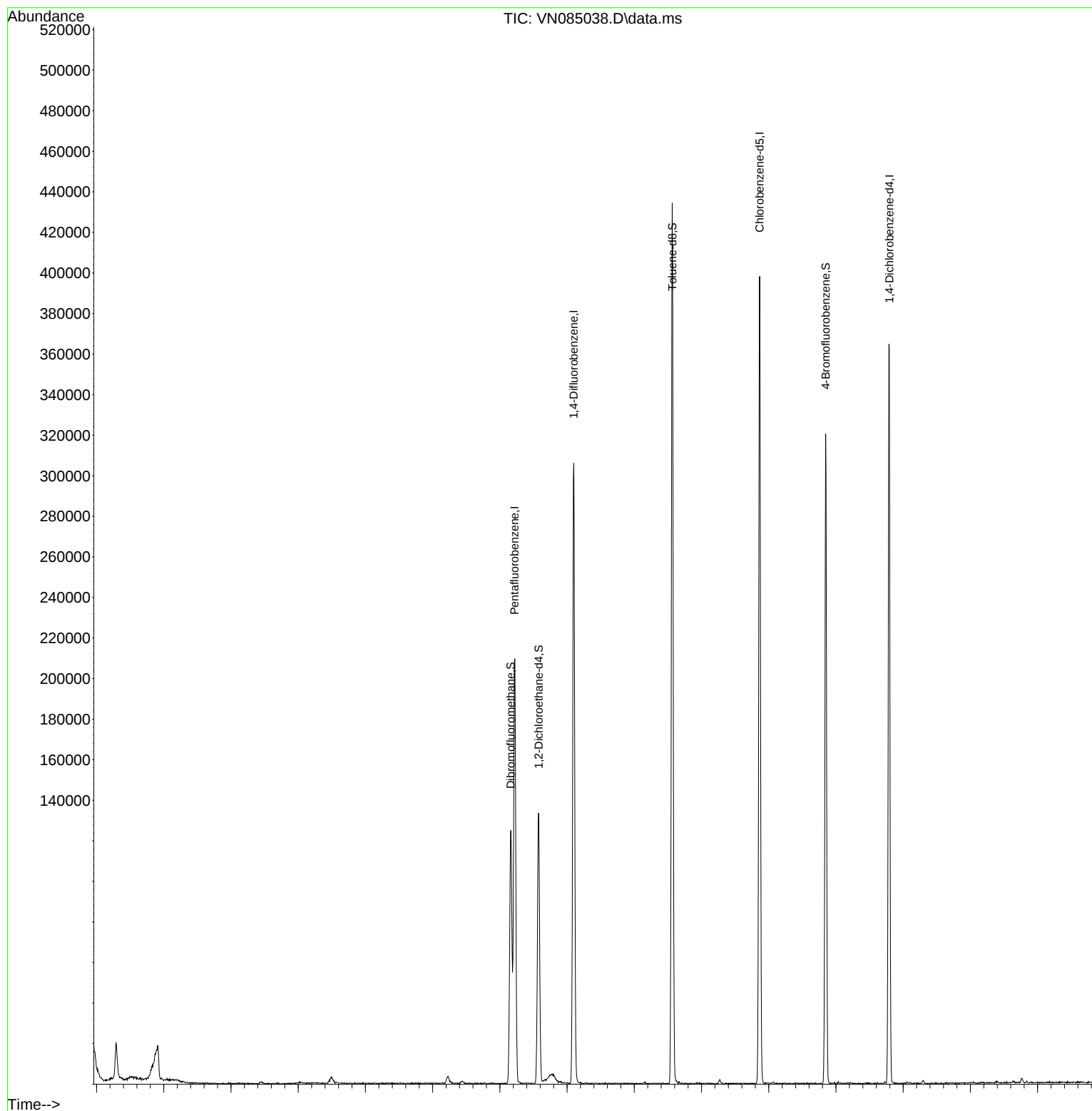
Target Compounds Qvalue

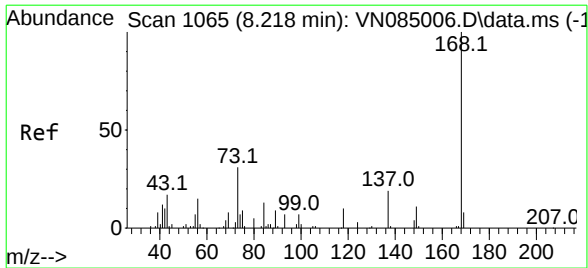
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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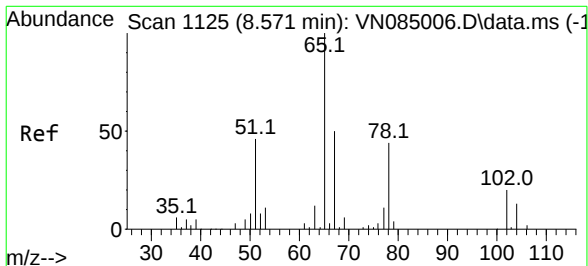
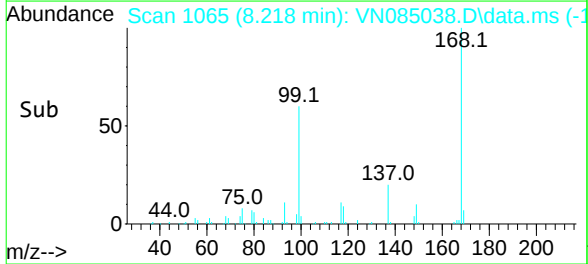
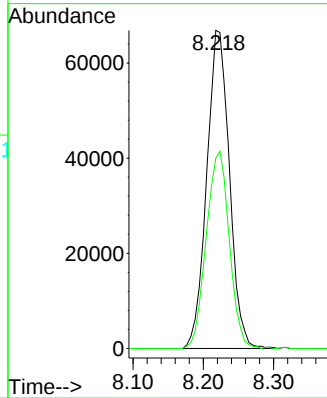
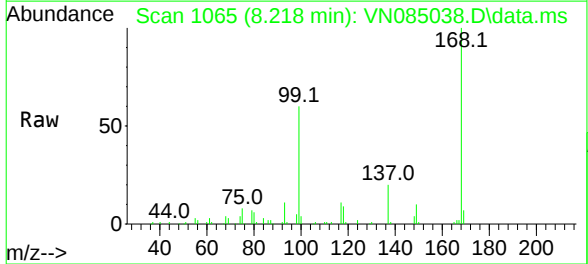




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

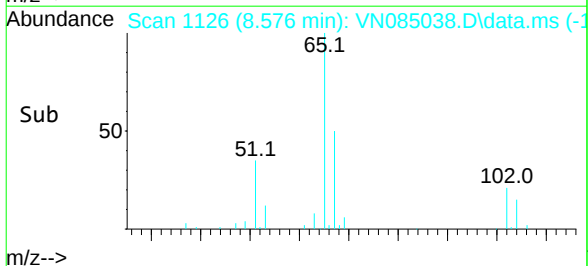
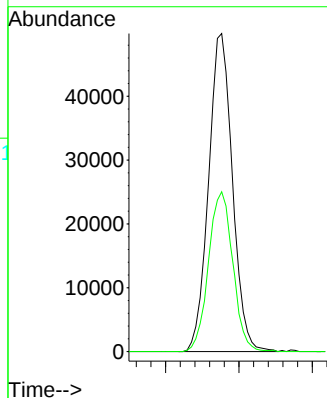
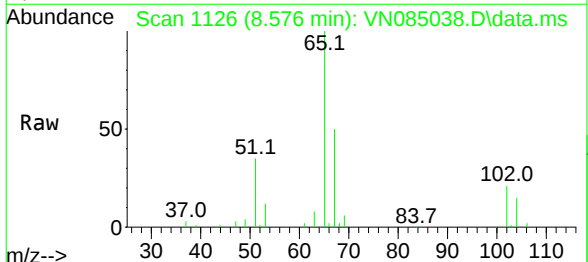
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL02

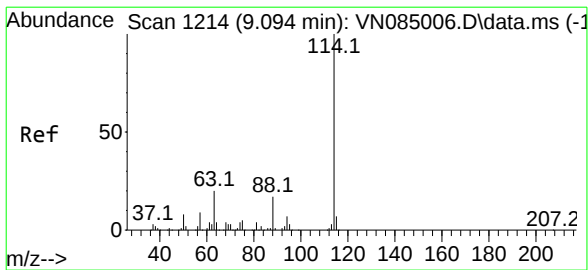
Tgt Ion:168 Resp: 150023
Ion Ratio Lower Upper
168 100
99 59.8 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 52.702 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion: 65 Resp: 112623
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 12

Delta R.T. 0.006 min

Lab File: VN085038.D

Acq: 26 Nov 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBL02

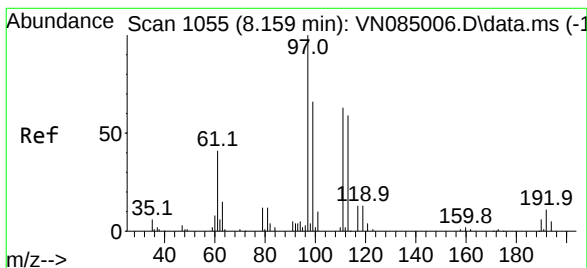
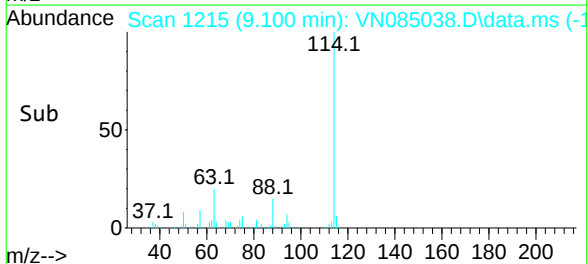
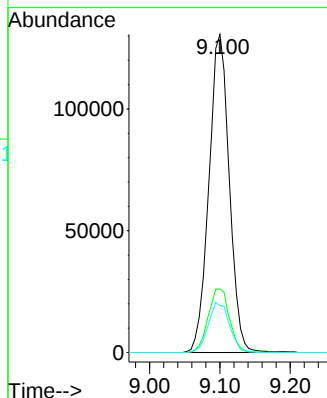
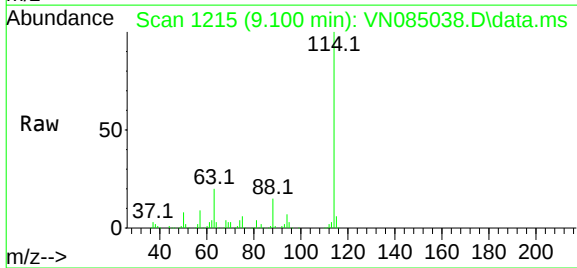
Tgt Ion:114 Resp: 262847

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 14.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.258 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085038.D

Acq: 26 Nov 2024 12:09

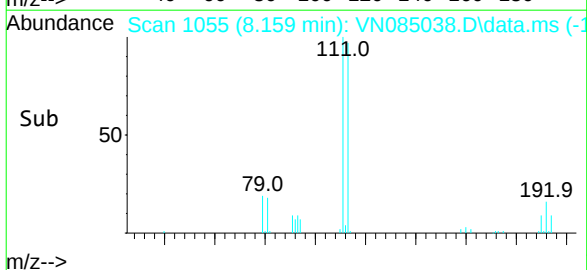
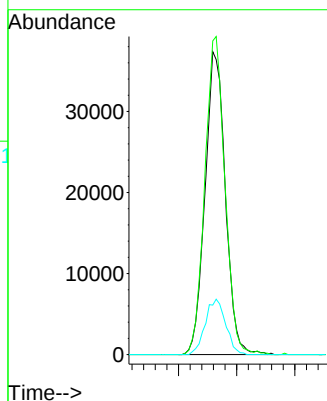
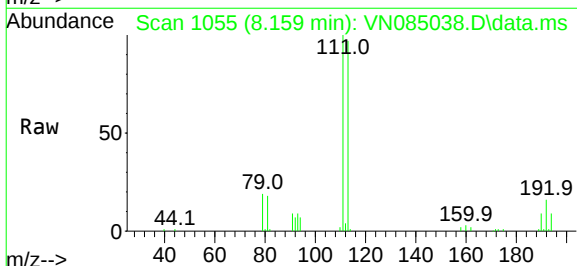
Tgt Ion:113 Resp: 90857

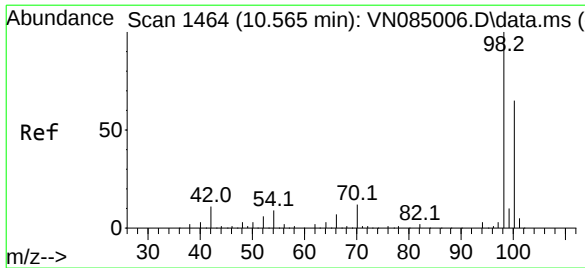
Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

192 18.4 14.8 22.2





#50

Toluene-d8

Concen: 47.256 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085038.D

Acq: 26 Nov 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

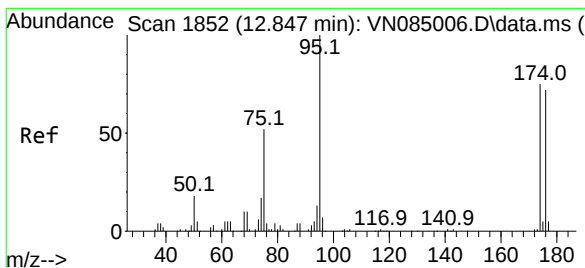
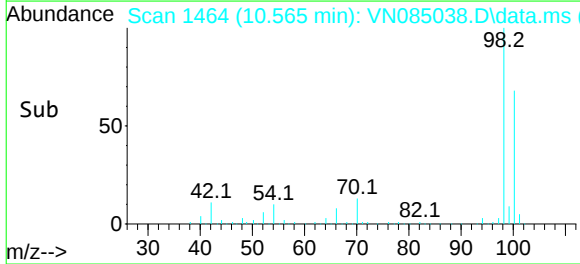
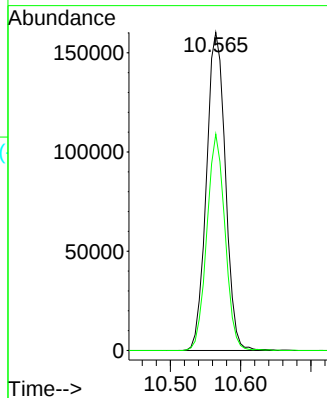
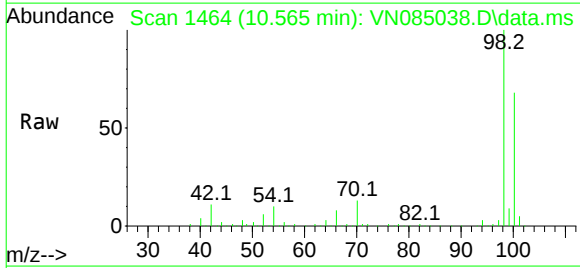
VN1126MBL02

Tgt Ion: 98 Resp: 300189

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.496 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085038.D

Acq: 26 Nov 2024 12:09

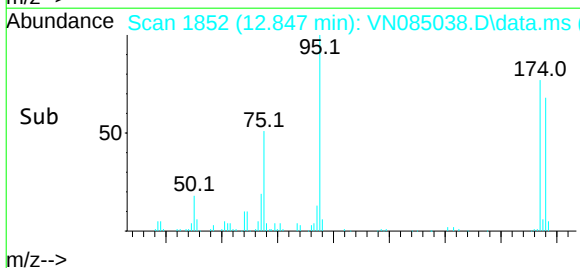
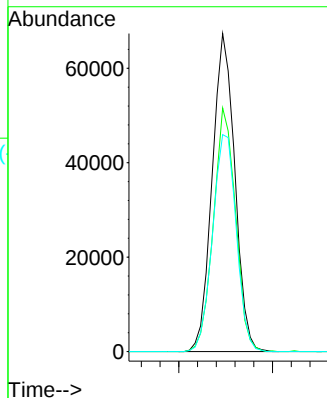
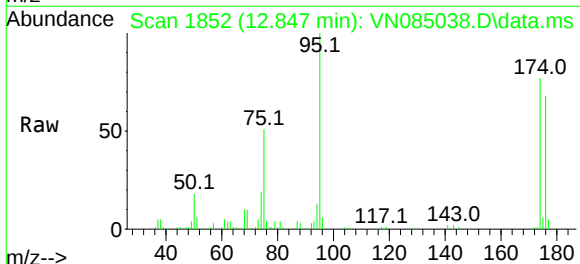
Tgt Ion: 95 Resp: 112830

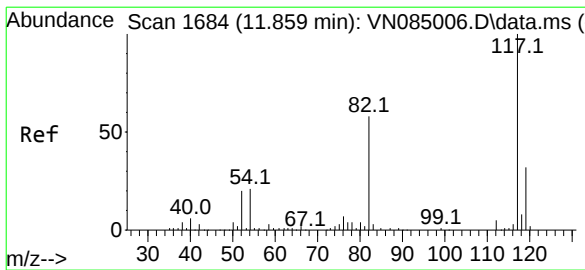
Ion Ratio Lower Upper

95 100

174 75.0 0.0 146.6

176 71.4 0.0 141.8

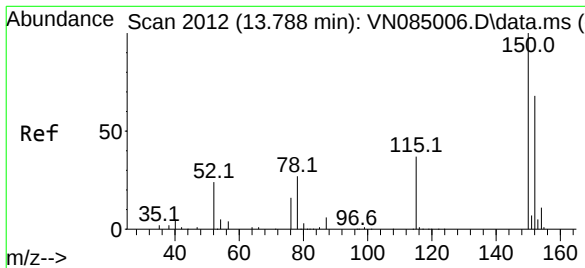
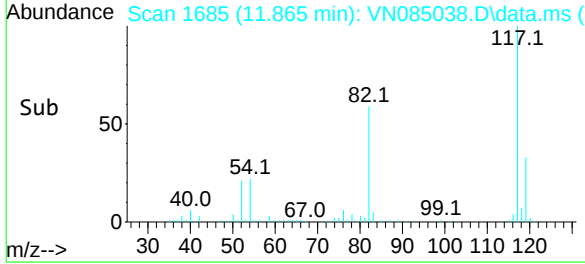
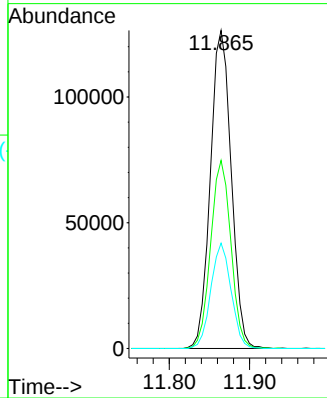
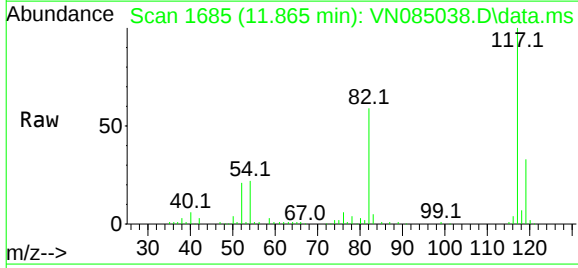




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL02

Tgt Ion:117 Resp: 228090
Ion Ratio Lower Upper
117 100
82 59.1 46.0 69.0
119 33.1 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: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion:152 Resp: 100567
Ion Ratio Lower Upper
152 100
115 62.8 31.7 95.1
150 157.2 0.0 351.4

