

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075165.D
 Acq On : 04 Nov 2022 11:05
 Operator : JC\MD
 Sample : VN1104MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBL01

Quant Time: Nov 05 06:55:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	109262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	208050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	173706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67025	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	84188	57.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.380%
35) Dibromofluoromethane	8.171	113	65697	53.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.580%
50) Toluene-d8	10.565	98	243946	51.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.853	95	73243	44.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.000%

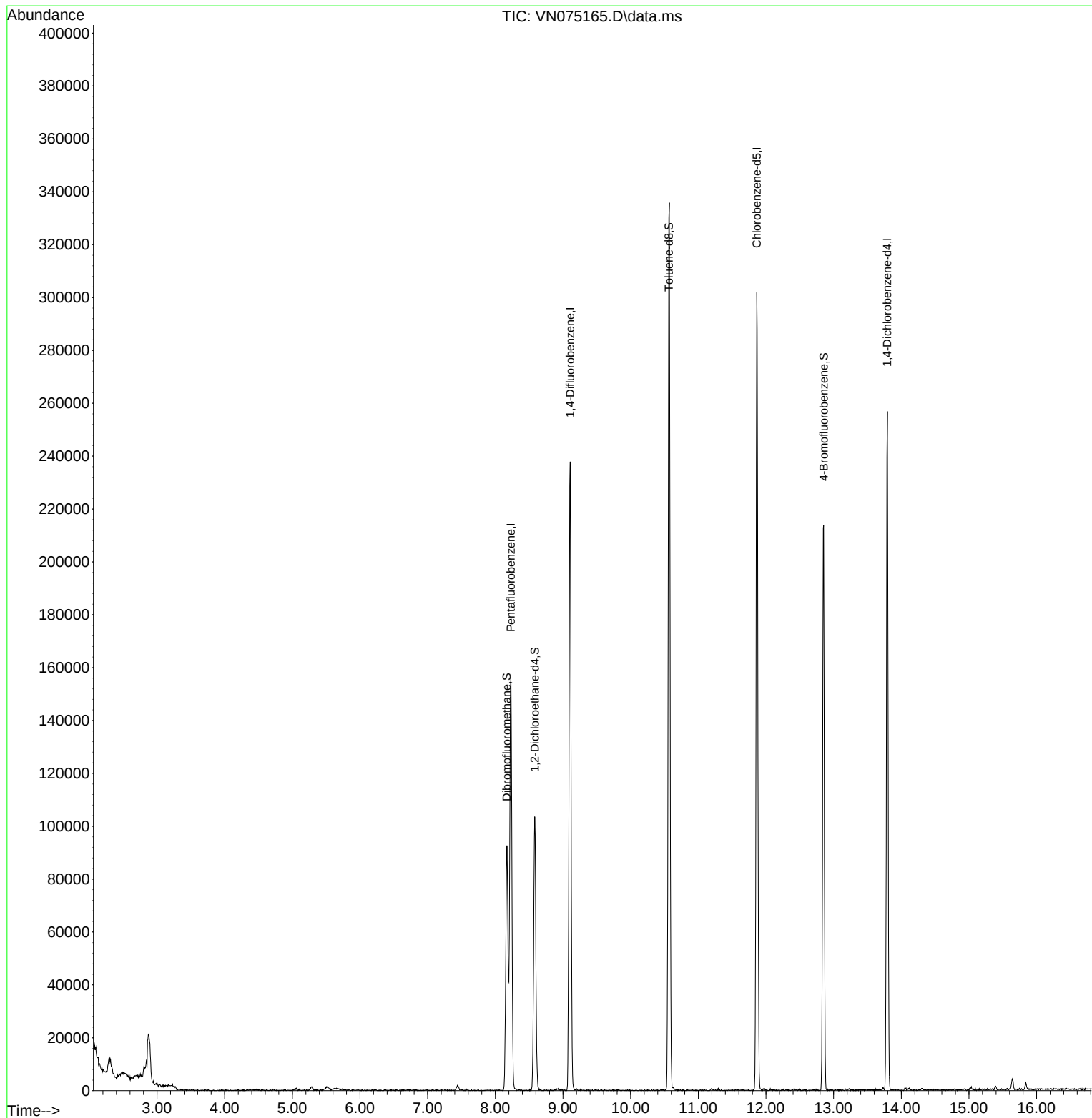
Target Compounds	Qvalue

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

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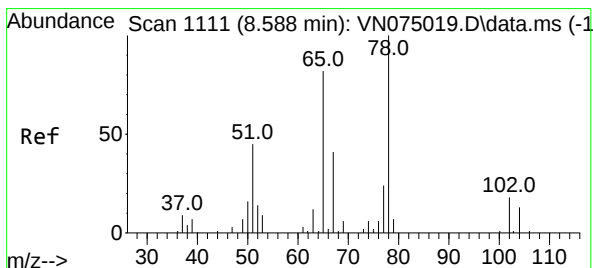
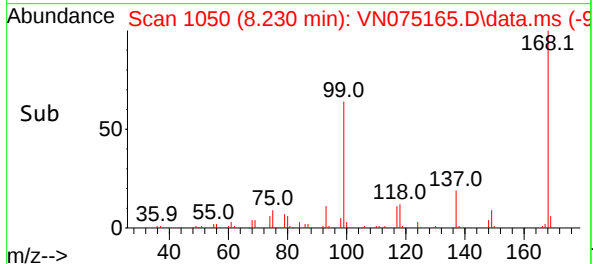
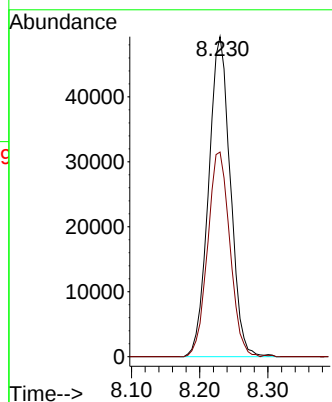
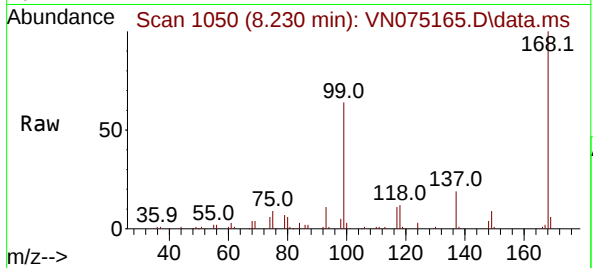




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

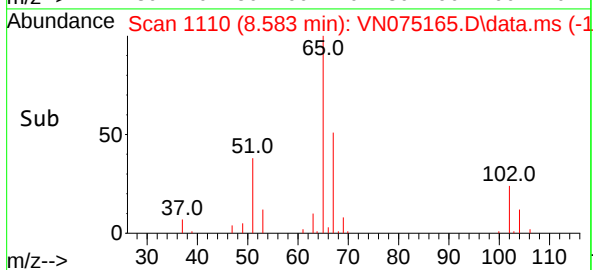
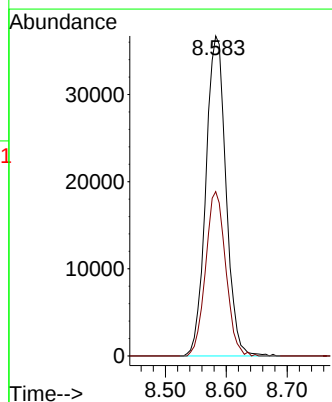
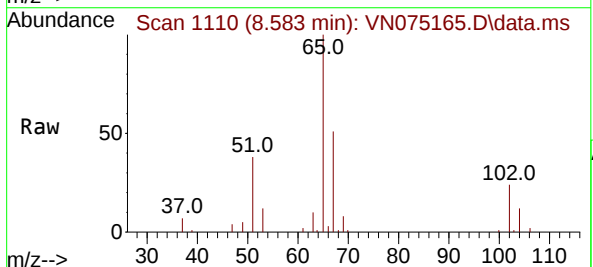
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

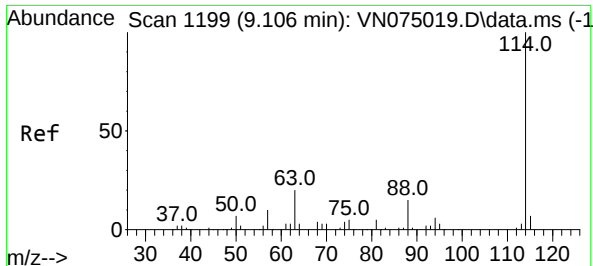
Tgt Ion:168 Resp: 109262
Ion Ratio Lower Upper
168 100
99 63.9 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 57.186 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion: 65 Resp: 84188
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075165.D

Acq: 04 Nov 2022 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBL01

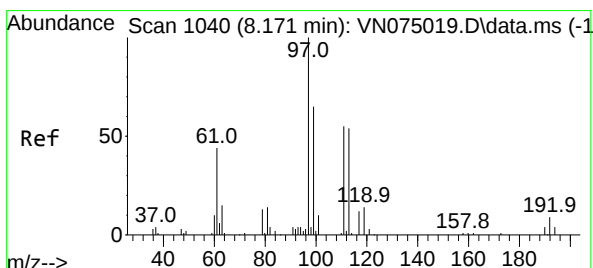
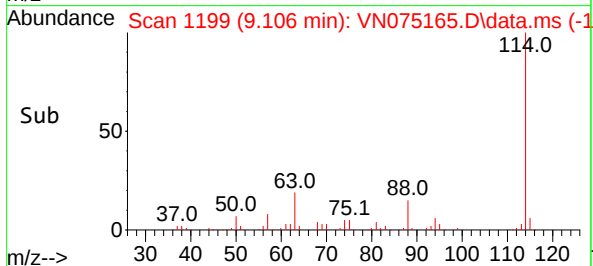
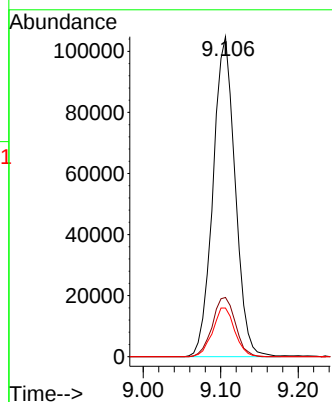
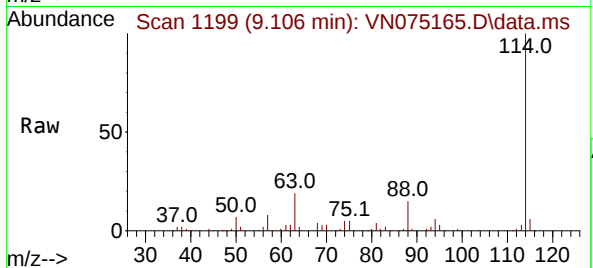
Tgt Ion:114 Resp: 208050

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.790 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075165.D

Acq: 04 Nov 2022 11:05

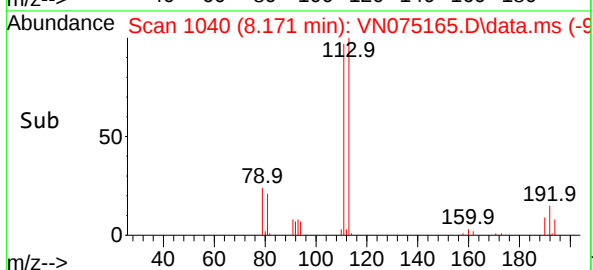
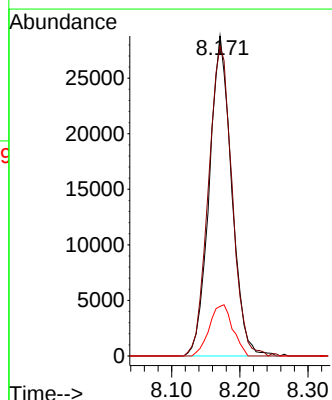
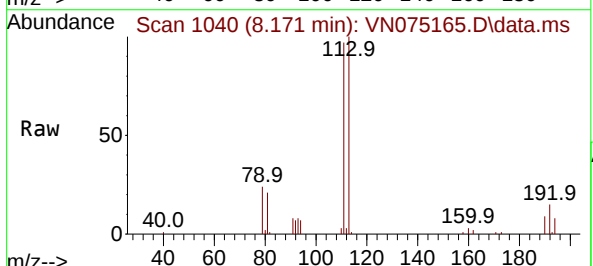
Tgt Ion:113 Resp: 65697

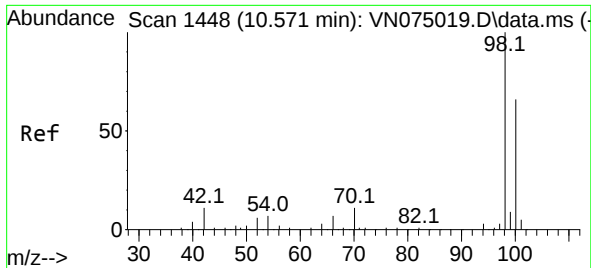
Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 16.7 13.2 19.8

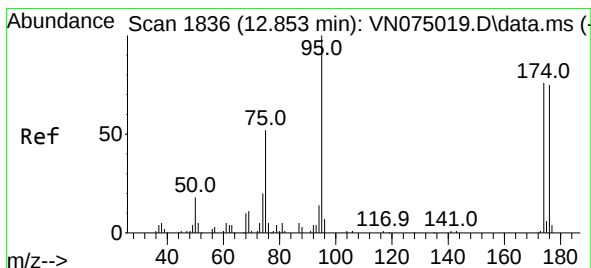
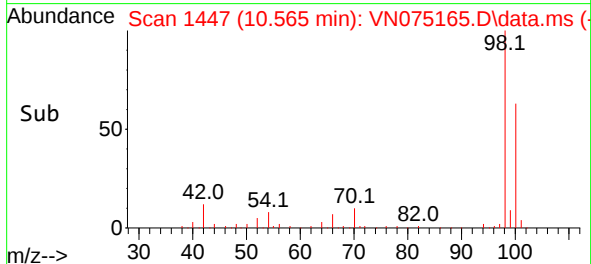
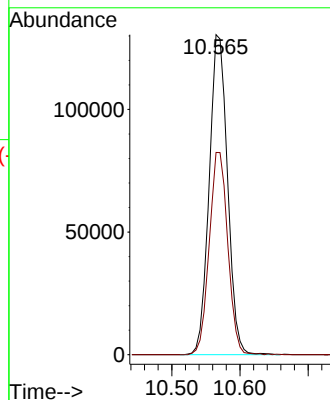
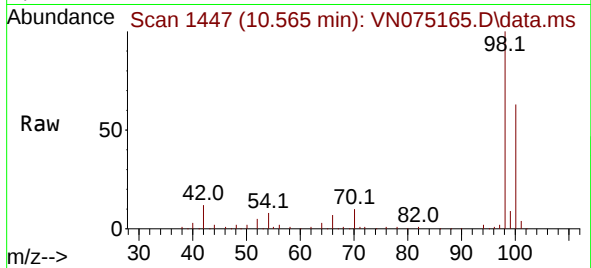




#50
Toluene-d8
Concen: 51.481 ug/l
RT: 10.565 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

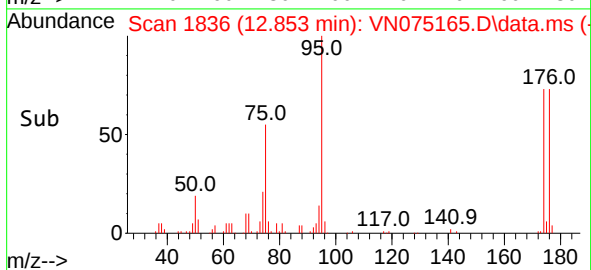
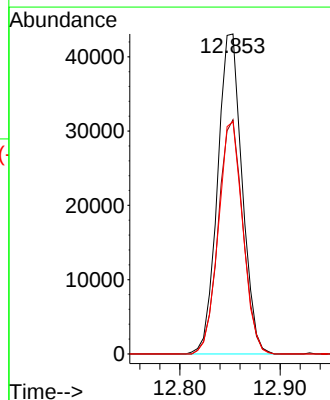
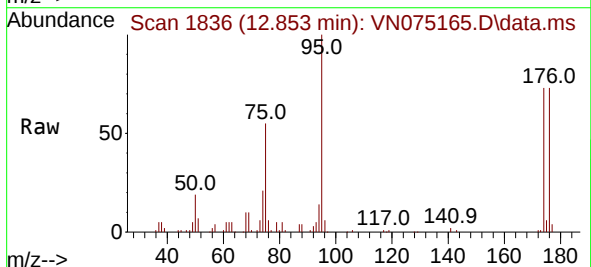
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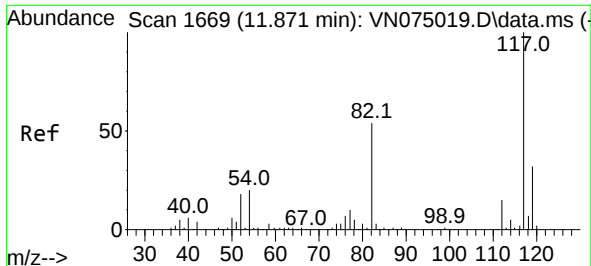
Tgt Ion: 98 Resp: 243946
Ion Ratio Lower Upper
98 100
100 63.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 44.001 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion: 95 Resp: 73243
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.4
176 72.1 0.0 142.2

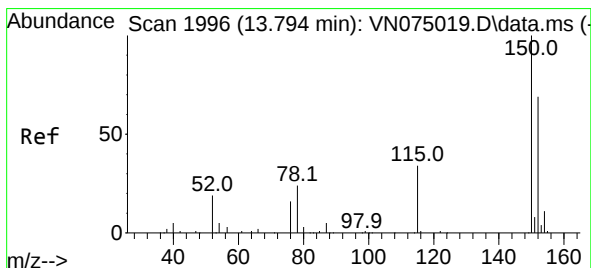
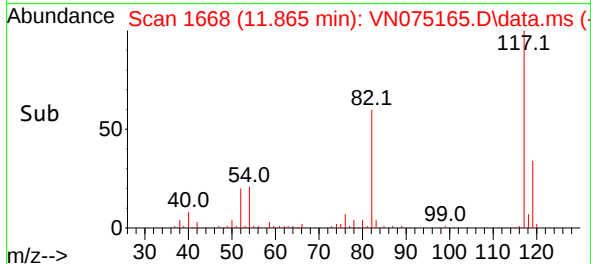
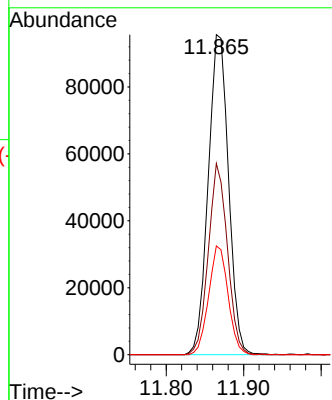
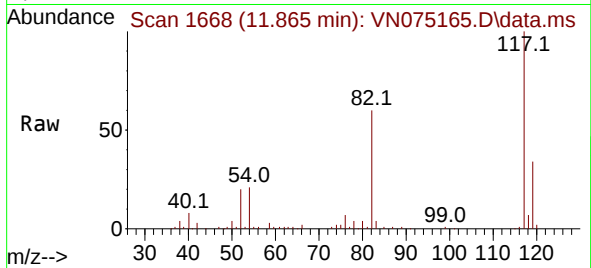




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

Tgt Ion:117 Resp: 173706
Ion Ratio Lower Upper
117 100
82 59.7 43.1 64.7
119 34.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion:152 Resp: 67025
Ion Ratio Lower Upper
152 100
115 62.8 30.2 90.6
150 161.2 0.0 348.4

