

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075644.D
 Acq On : 08 Dec 2022 13:44
 Operator : JC\MD
 Sample : N5944-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-120722

Quant Time: Dec 09 02:06:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	181251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	250084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	47980	49.315	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.620%
35) Dibromofluoromethane	8.171	113	63437	55.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.240%
50) Toluene-d8	10.571	98	127681	49.255	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.853	95	87290	45.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%

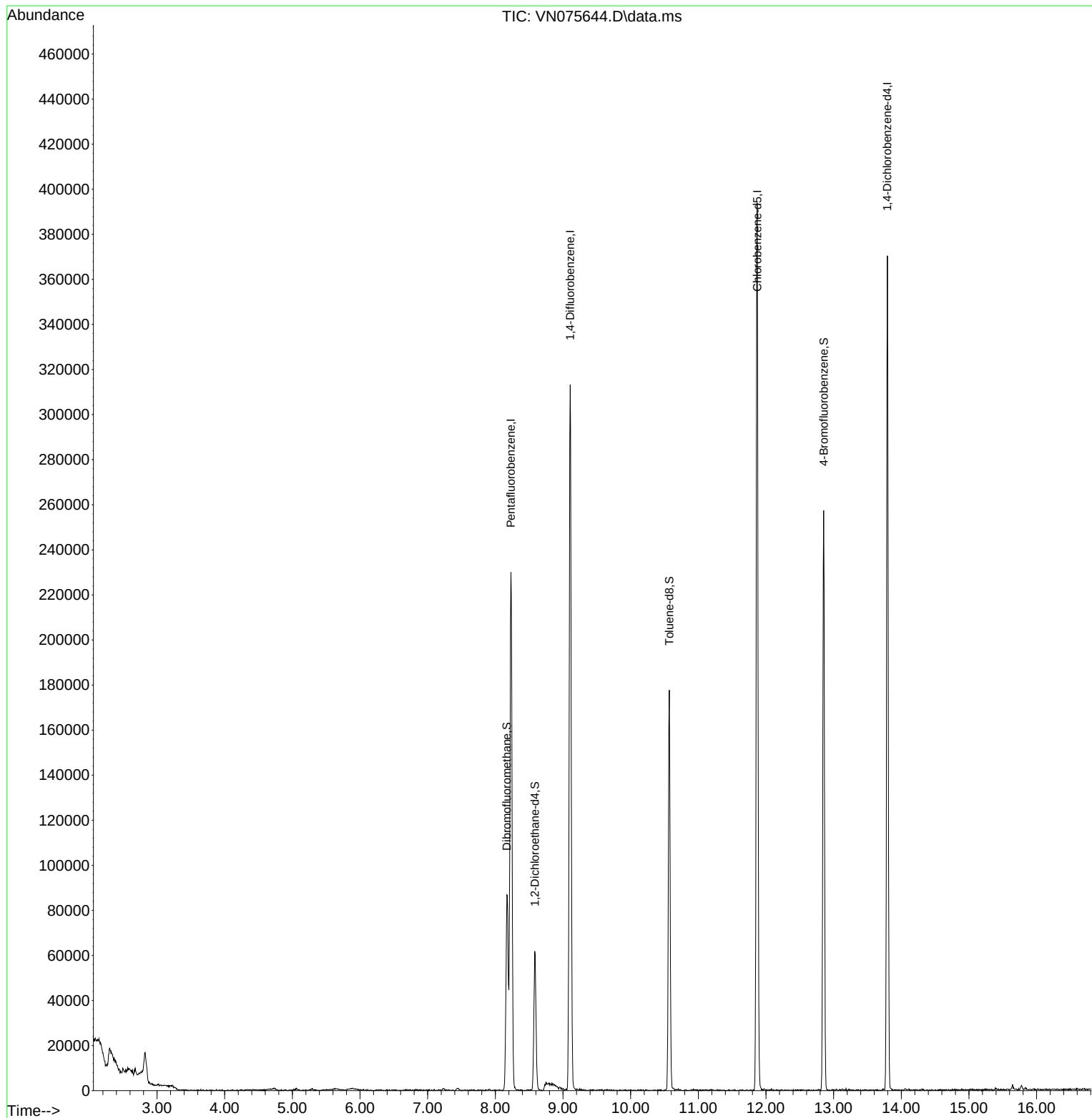
Target Compounds	Qvalue

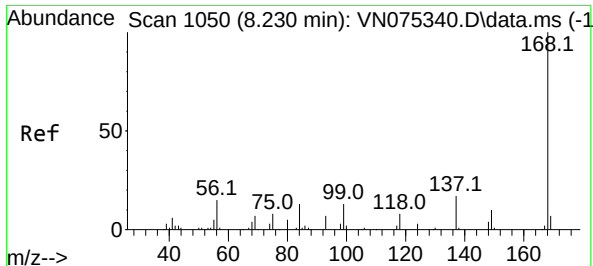
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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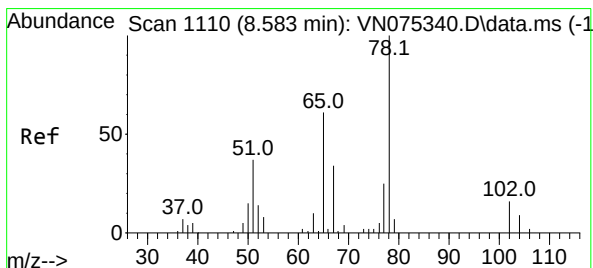
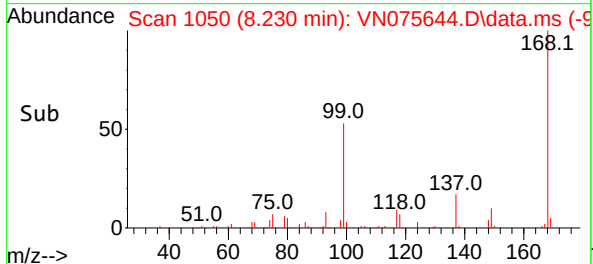
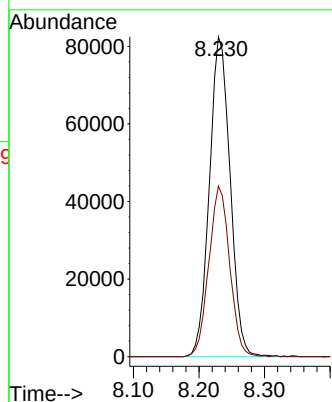
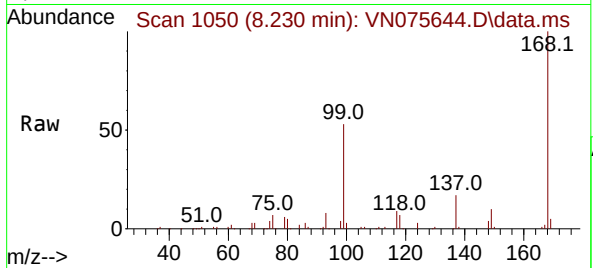




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075644.D
Acq: 08 Dec 2022 13:44

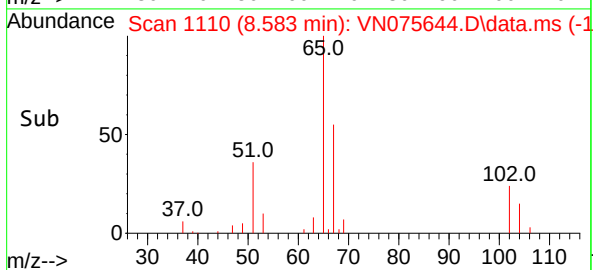
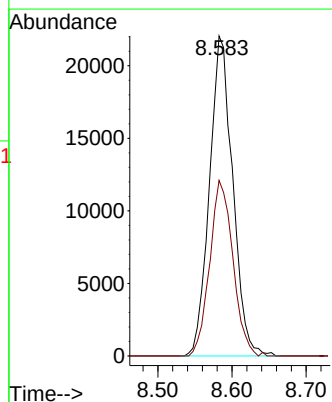
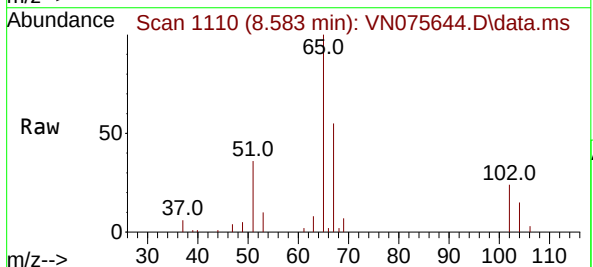
Instrument :
MSVOA_N
ClientSampleId :
FB-01-120722

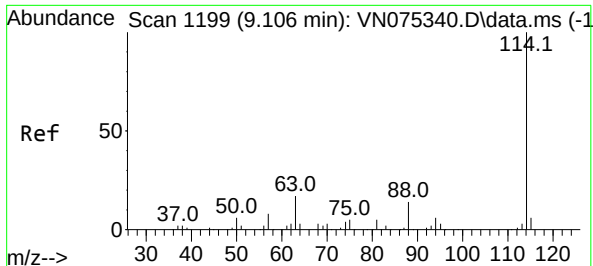
Tgt Ion:168 Resp: 181251
Ion Ratio Lower Upper
168 100
99 53.3 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 49.315 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075644.D
Acq: 08 Dec 2022 13:44

Tgt Ion: 65 Resp: 47980
Ion Ratio Lower Upper
65 100
67 54.9 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: VN075644.D

Acq: 08 Dec 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

FB-01-120722

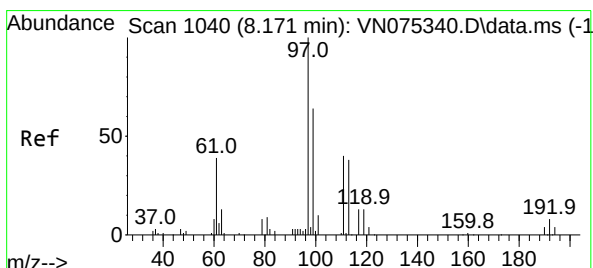
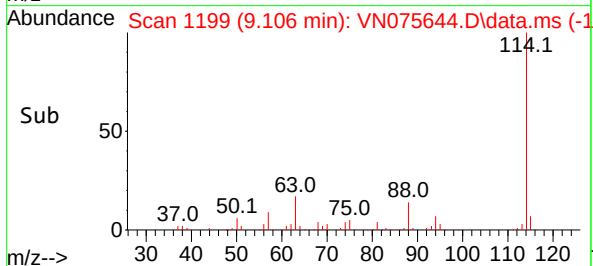
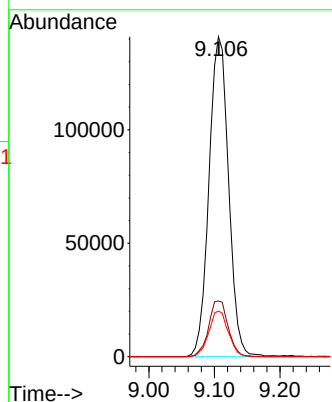
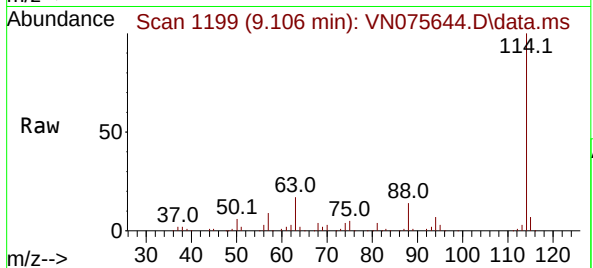
Tgt Ion:114 Resp: 292984

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.118 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075644.D

Acq: 08 Dec 2022 13:44

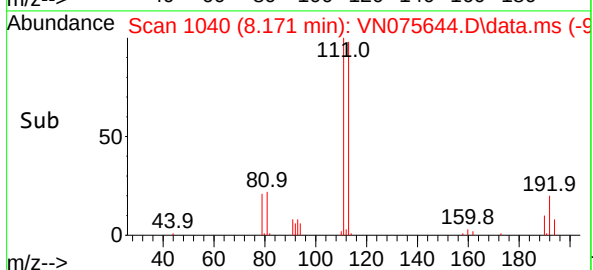
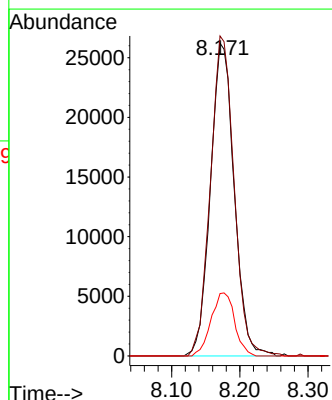
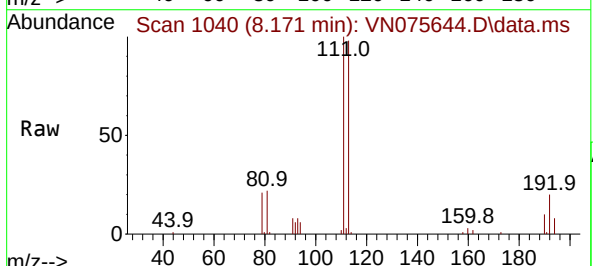
Tgt Ion:113 Resp: 63437

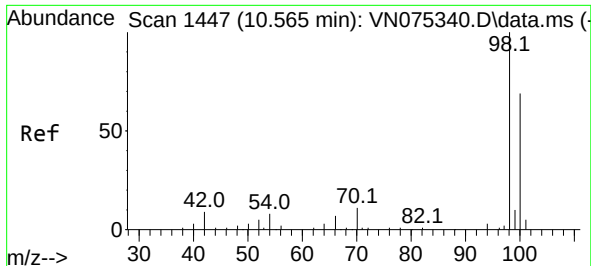
Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 20.0 13.2 19.8#

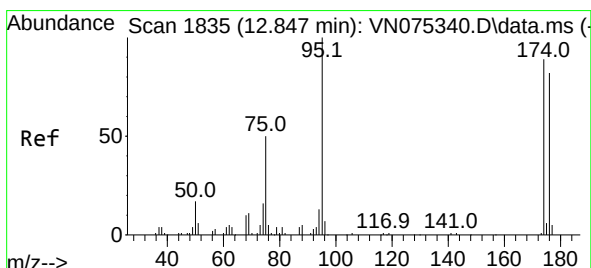
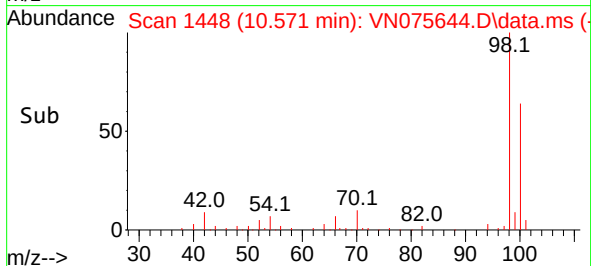
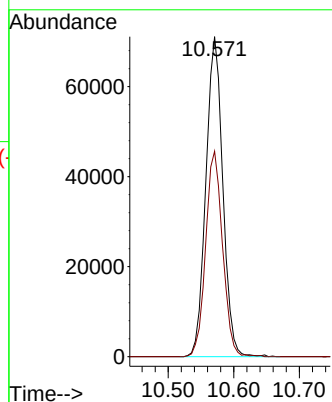
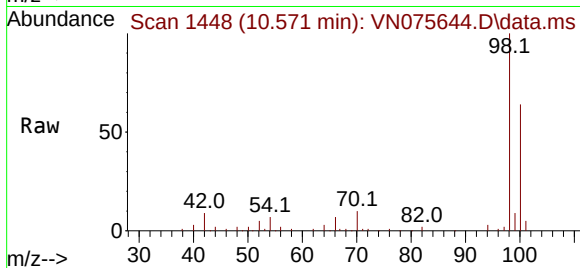




#50
Toluene-d8
Concen: 49.255 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075644.D
Acq: 08 Dec 2022 13:44

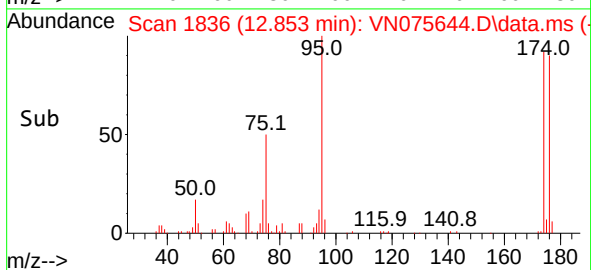
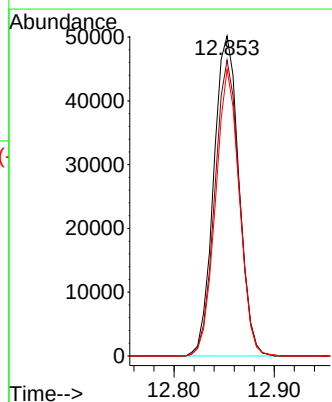
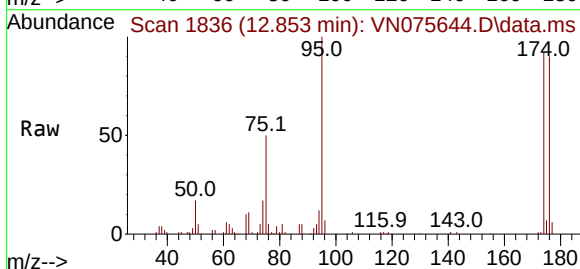
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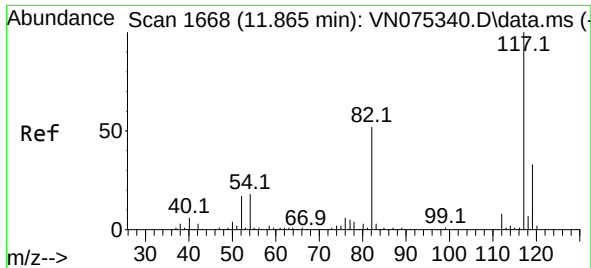
Tgt Ion: 98 Resp: 127681
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.622 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075644.D
Acq: 08 Dec 2022 13:44

Tgt Ion: 95 Resp: 87290
Ion Ratio Lower Upper
95 100
174 90.3 0.0 147.4
176 84.8 0.0 142.2

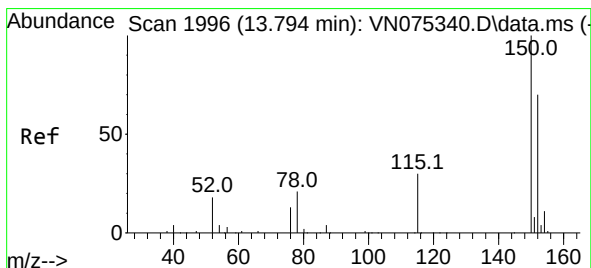
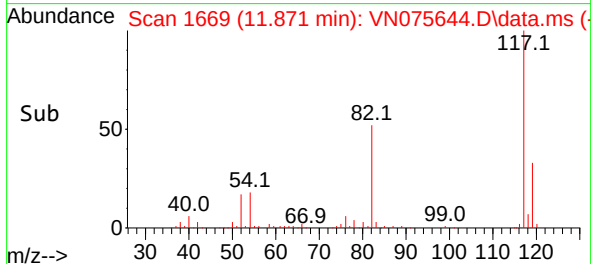
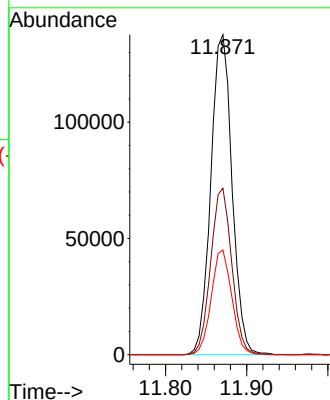
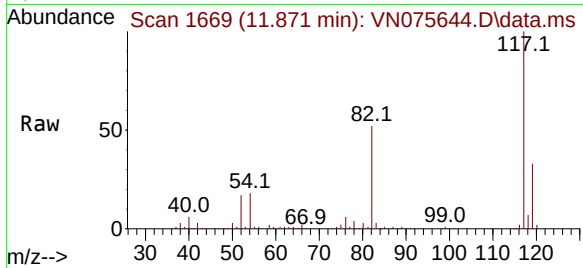




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075644.D
Acq: 08 Dec 2022 13:44

Instrument :
MSVOA_N
ClientSampleId :
FB-01-120722

Tgt Ion:117 Resp: 250084
Ion Ratio Lower Upper
117 100
82 52.0 43.1 64.7
119 32.7 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: VN075644.D
Acq: 08 Dec 2022 13:44

Tgt Ion:152 Resp: 106250
Ion Ratio Lower Upper
152 100
115 56.8 30.2 90.6
150 153.7 0.0 348.4

