

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075852.D
 Acq On : 16 Dec 2022 17:02
 Operator : JC\MD
 Sample : N6076-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PMW-1

Quant Time: Dec 17 08:41:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	367884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	579314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	504809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	192614	48.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.260%
35) Dibromofluoromethane	8.176	113	172751	48.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.300%
50) Toluene-d8	10.570	98	675721	50.376	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.853	95	205451	46.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.480%

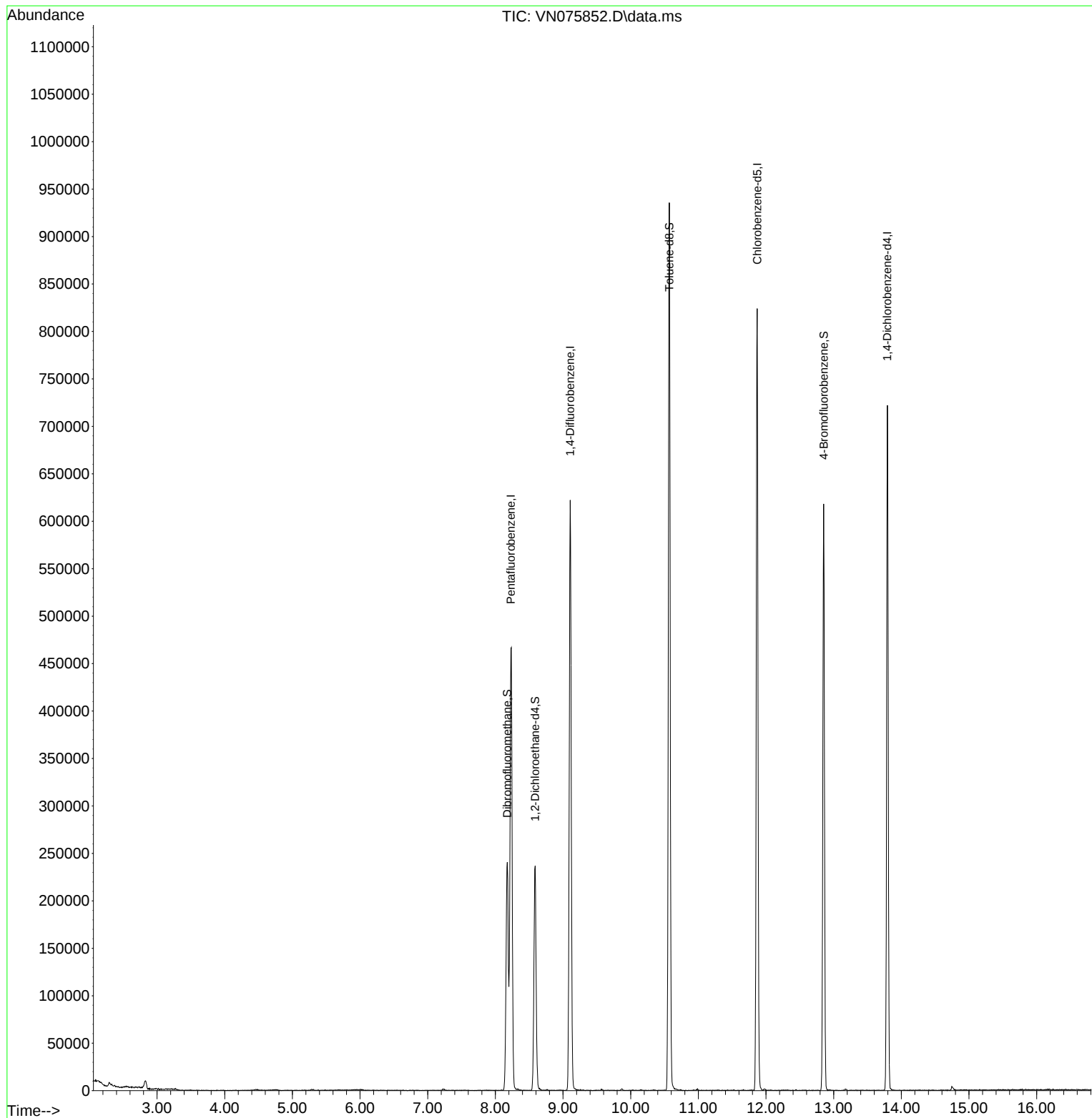
Target Compounds	Qvalue

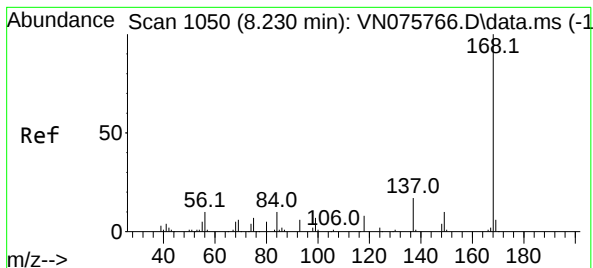
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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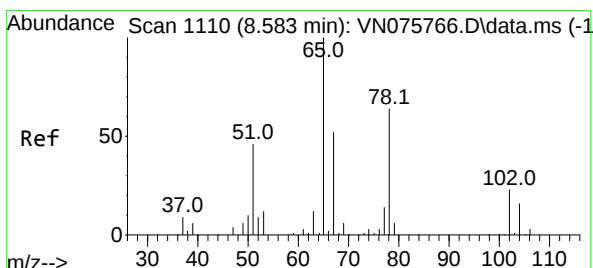
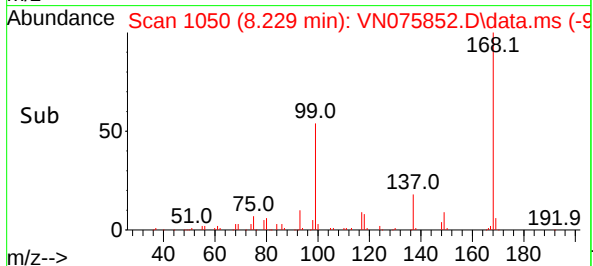
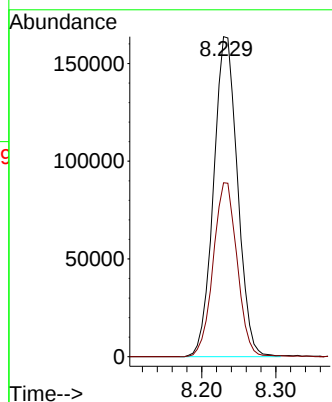
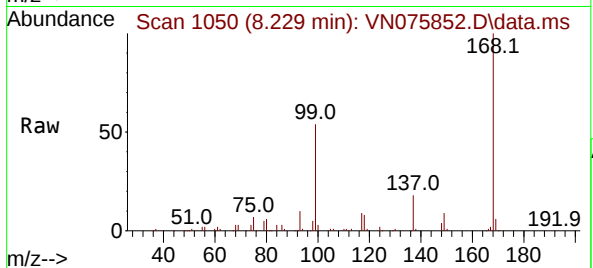




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

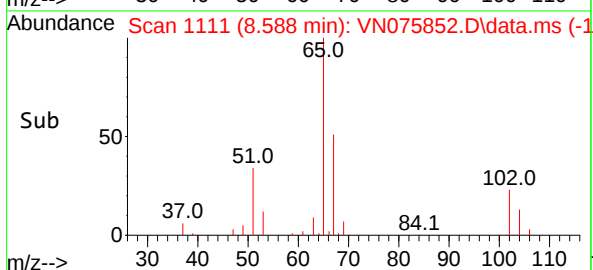
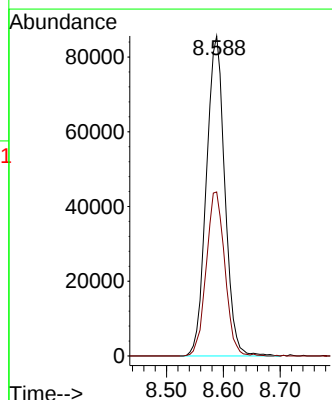
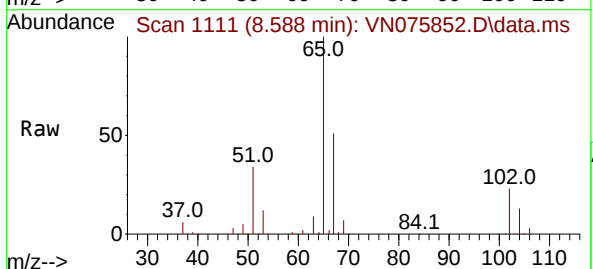
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

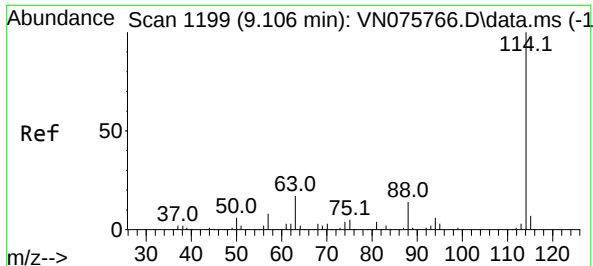
Tgt Ion:168 Resp: 367884
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.127 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Tgt Ion: 65 Resp: 192614
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075852.D

Acq: 16 Dec 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

PMW-1

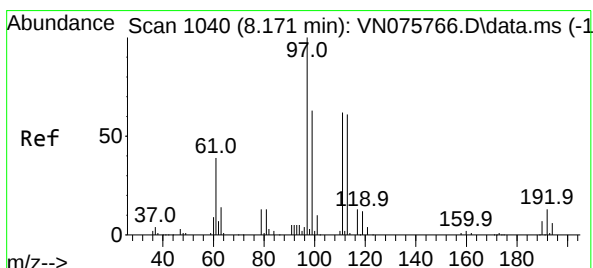
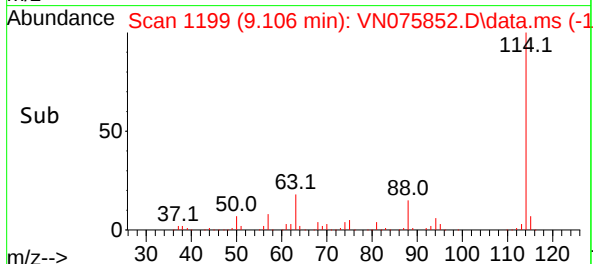
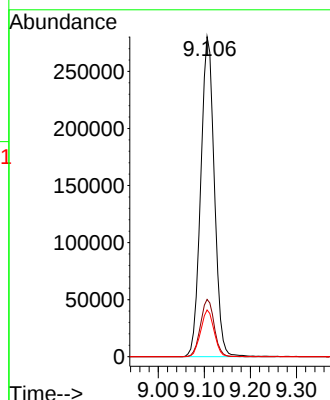
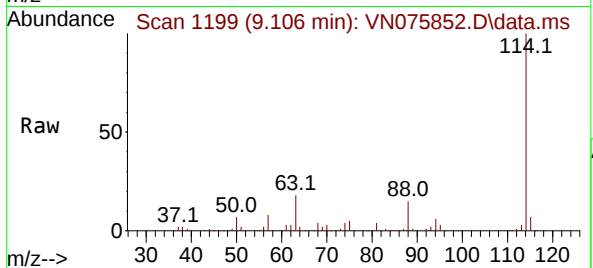
Tgt Ion:114 Resp: 579314

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.152 ug/l

RT: 8.176 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075852.D

Acq: 16 Dec 2022 17:02

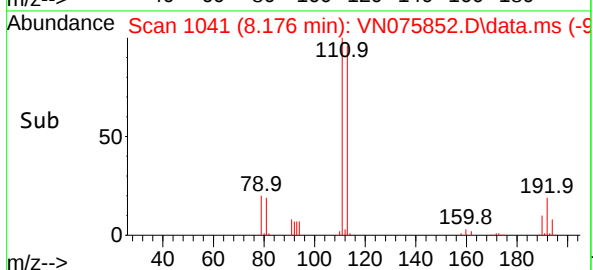
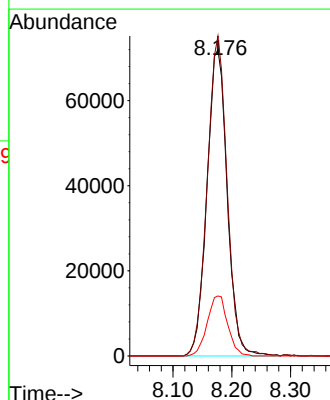
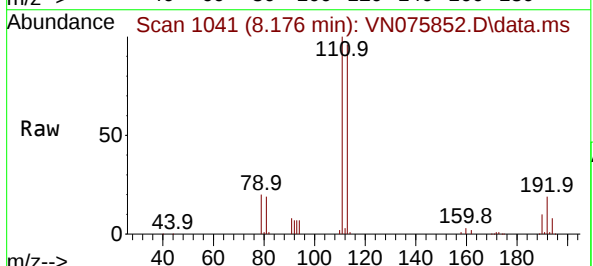
Tgt Ion:113 Resp: 172751

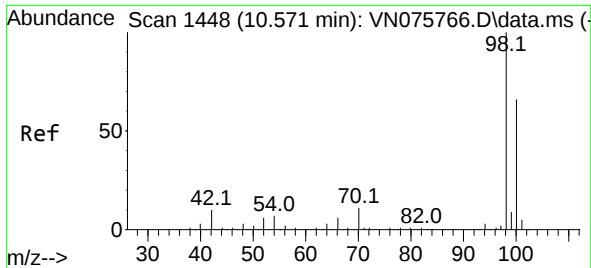
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.7 16.1 24.1

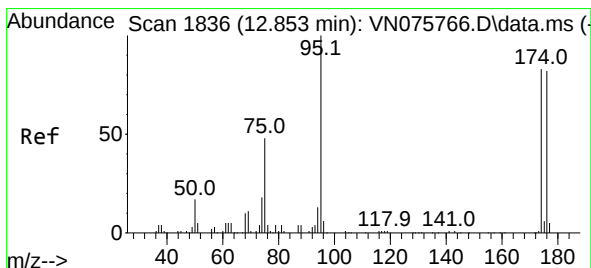
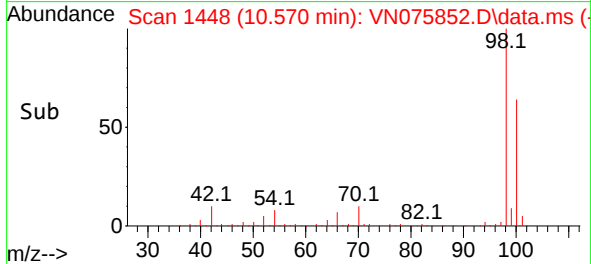
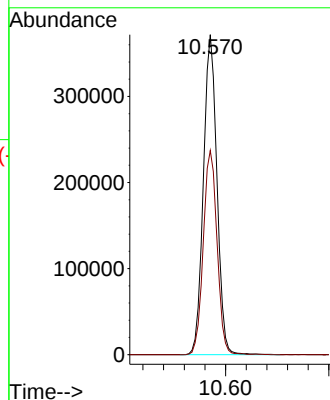
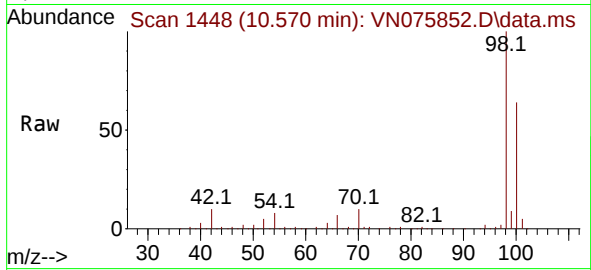




#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

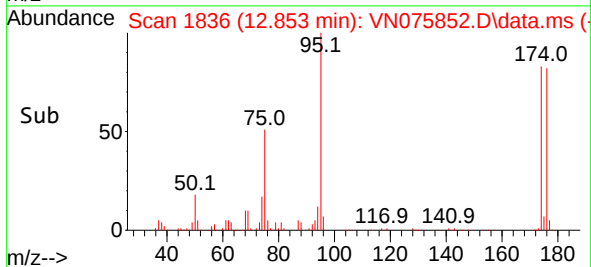
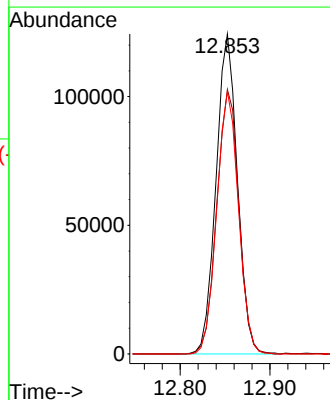
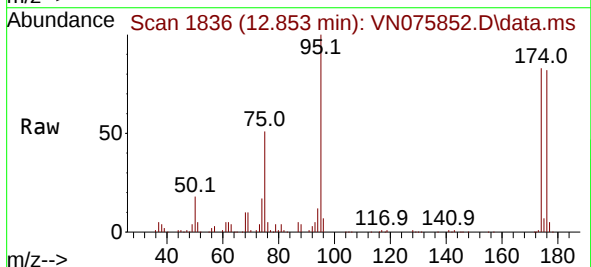
Instrument :
MSVOA_N
ClientSampleId :
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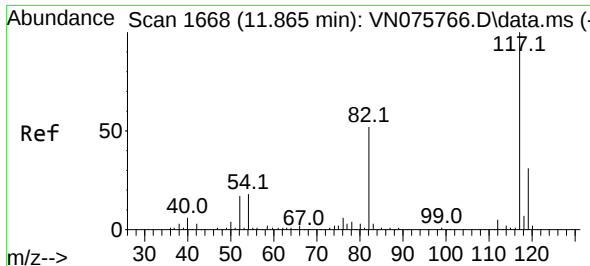
Tgt Ion: 98 Resp: 675721
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.244 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Tgt Ion: 95 Resp: 205451
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.6
176 83.2 0.0 169.2

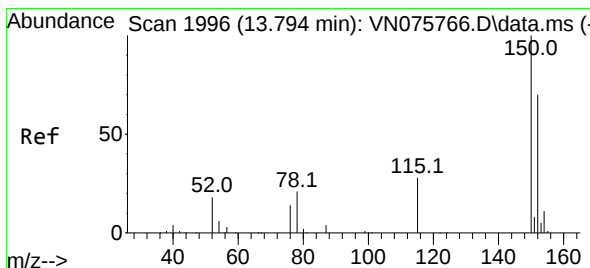
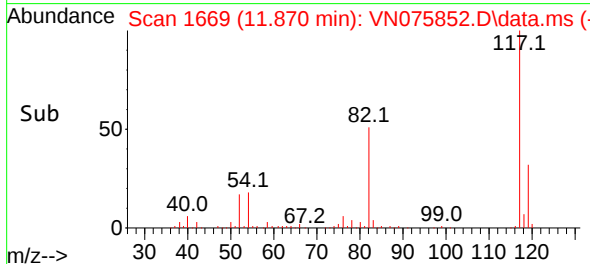
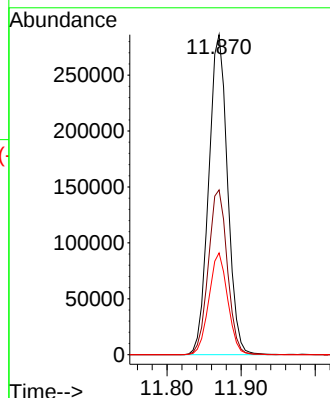
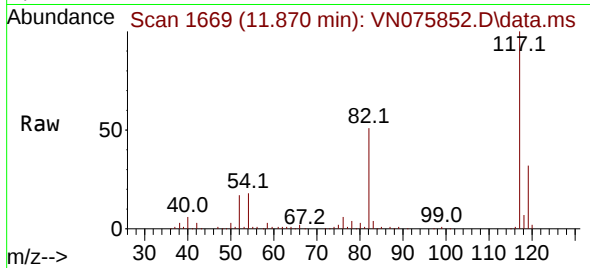




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
PMW-1

Tgt Ion:117 Resp: 504809
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 31.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Tgt Ion:152 Resp: 200990
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 155.7 0.0 347.0

