

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075785.D
 Acq On : 14 Dec 2022 23:16
 Operator : JC\MD
 Sample : VN1214WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBL02

Quant Time: Dec 15 00:30:11 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	8.230	168	352055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	544855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	476585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	176940	46.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.400%
35) Dibromofluoromethane	8.177	113	165024	48.907	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	10.571	98	625593	49.588	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.853	95	194671	46.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.180%

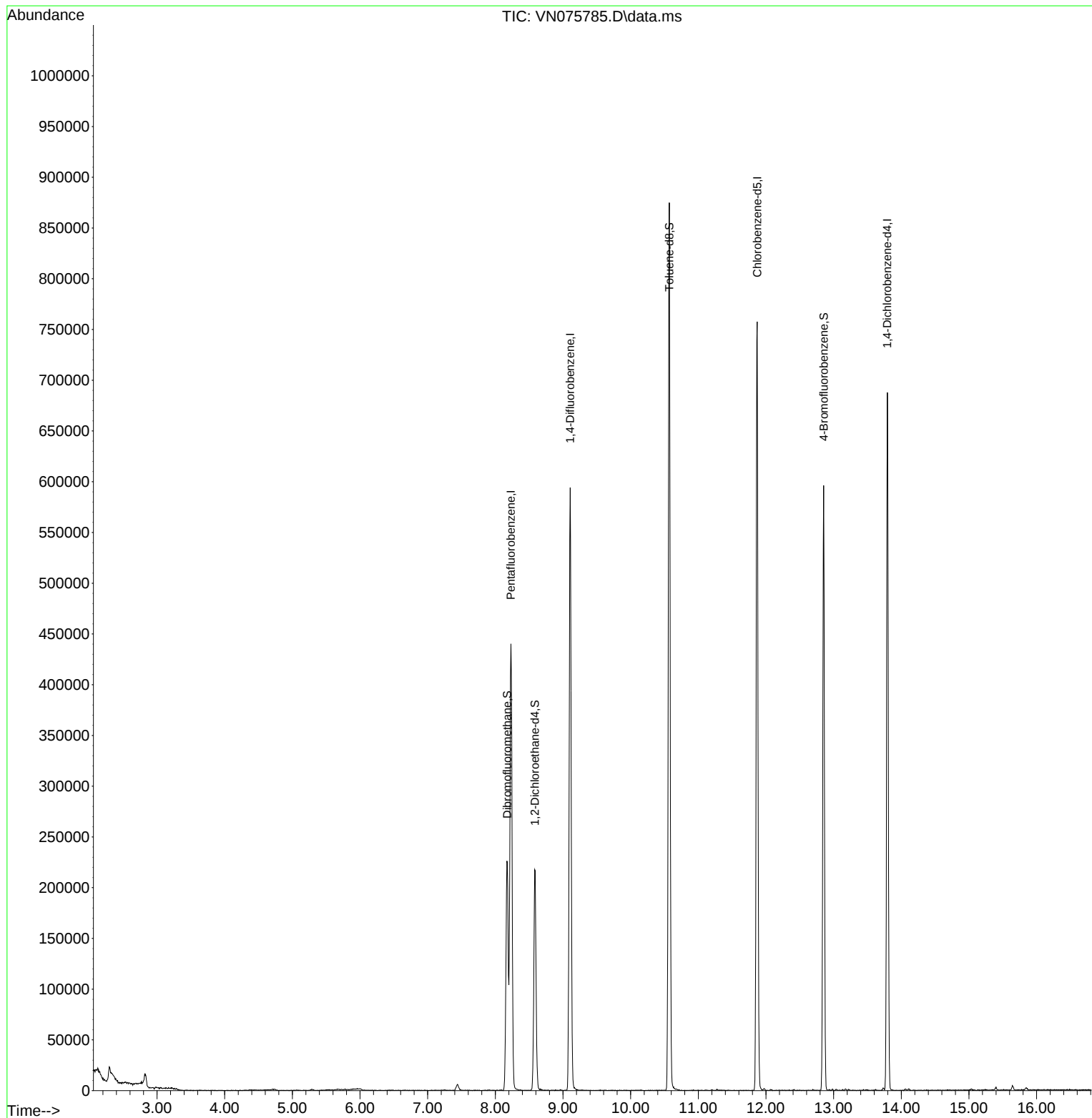
Target Compounds	Qvalue

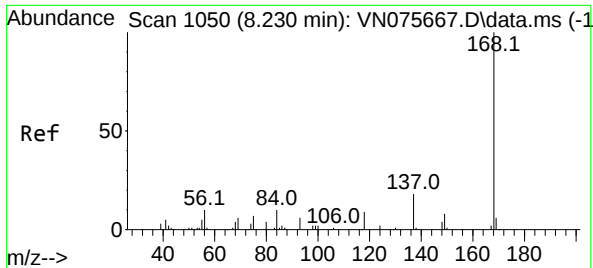
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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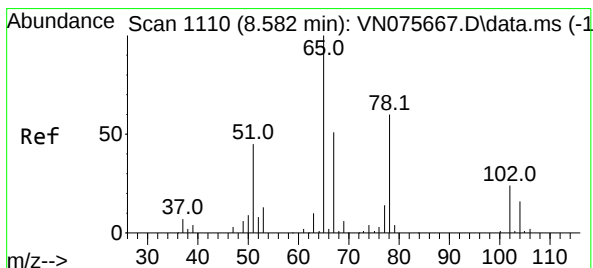
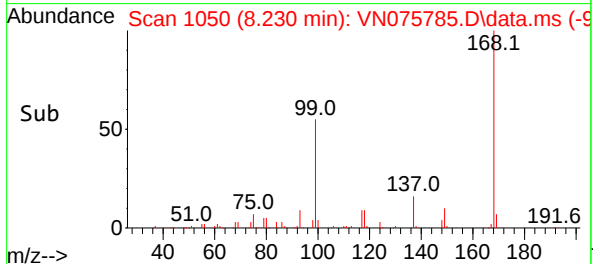
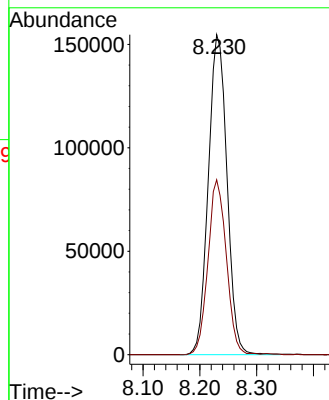
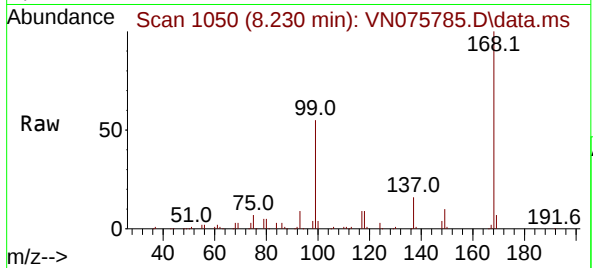




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075785.D
Acq: 14 Dec 2022 23:16

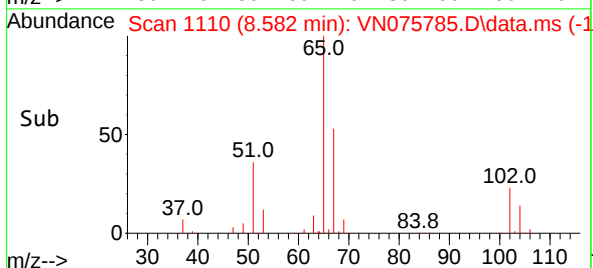
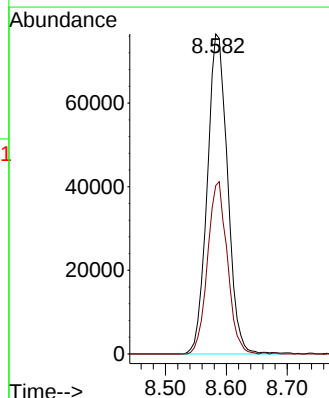
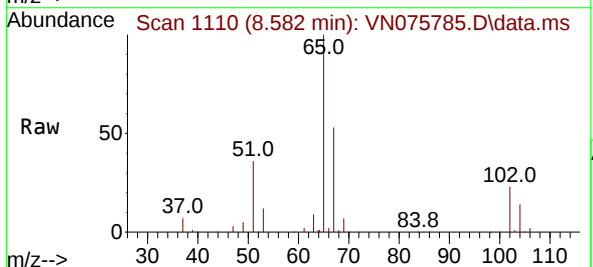
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL02

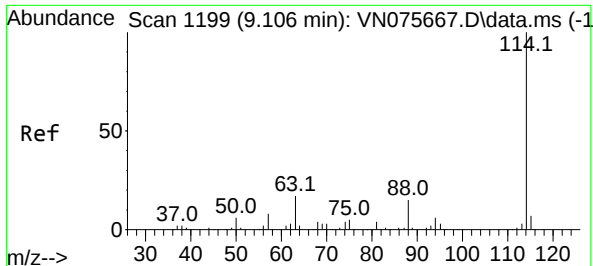
Tgt Ion:168 Resp: 352055
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.198 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075785.D
Acq: 14 Dec 2022 23:16

Tgt Ion: 65 Resp: 176940
Ion Ratio Lower Upper
65 100
67 52.3 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: VN075785.D

Acq: 14 Dec 2022 23:16

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBL02

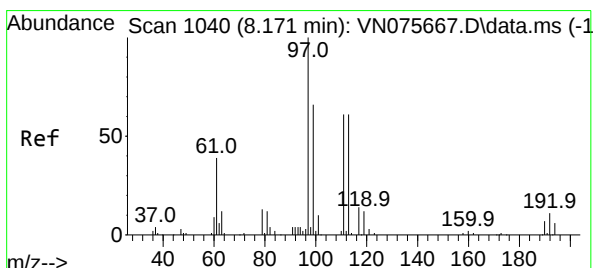
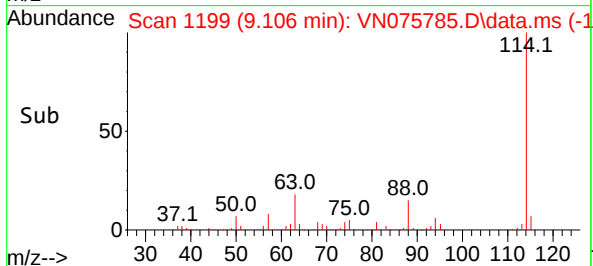
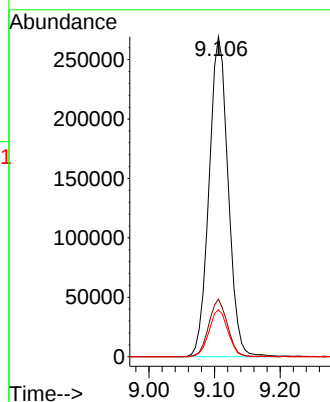
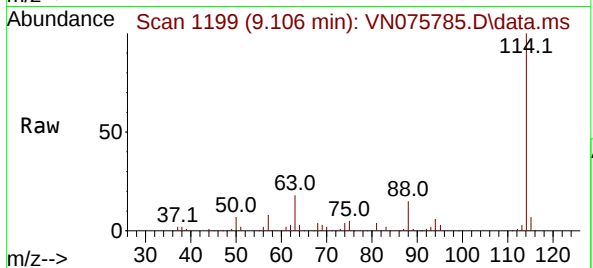
Tgt Ion:114 Resp: 544855

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.907 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075785.D

Acq: 14 Dec 2022 23:16

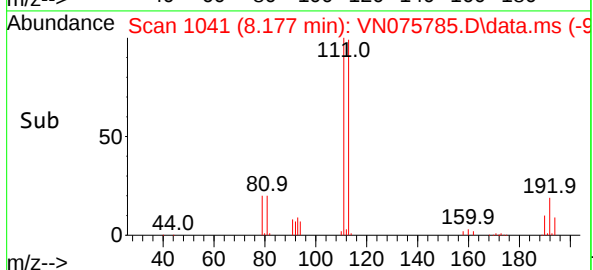
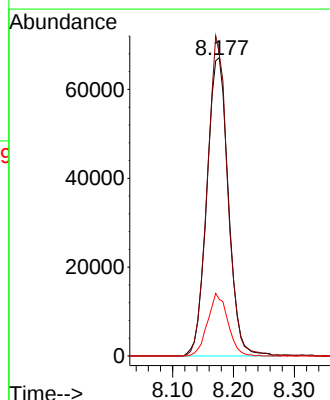
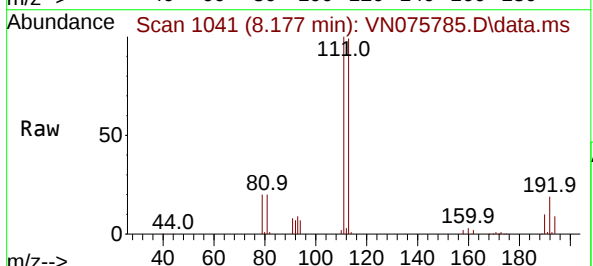
Tgt Ion:113 Resp: 165024

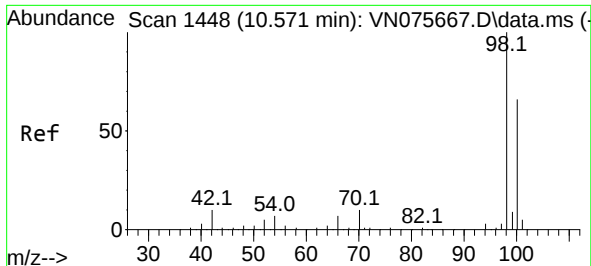
Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 19.7 16.1 24.1

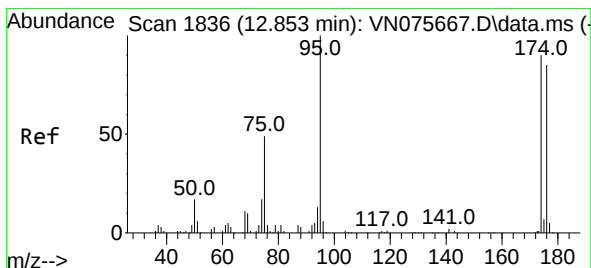
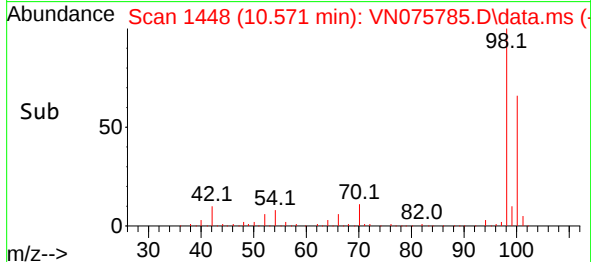
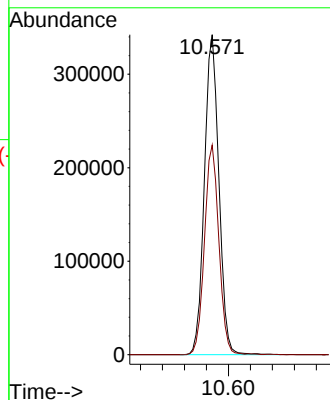
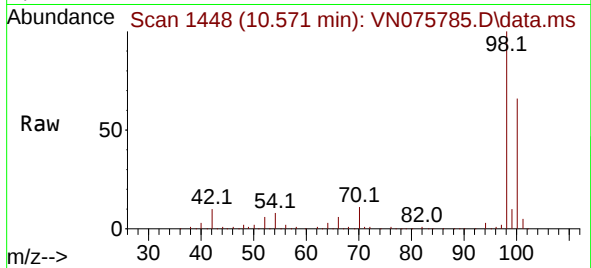




#50
Toluene-d8
Concen: 49.588 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075785.D
Acq: 14 Dec 2022 23:16

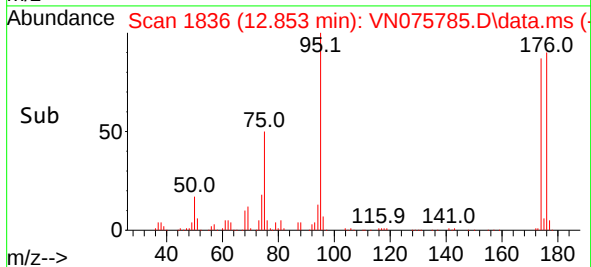
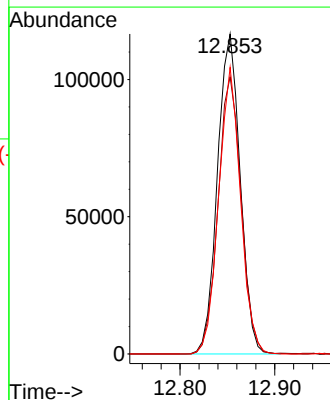
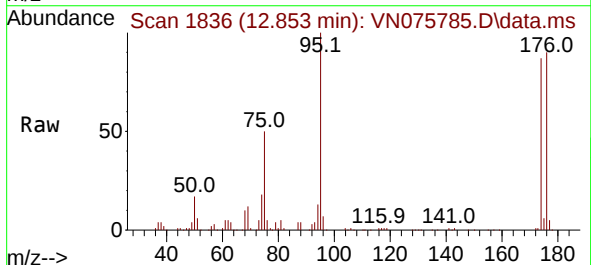
Instrument :
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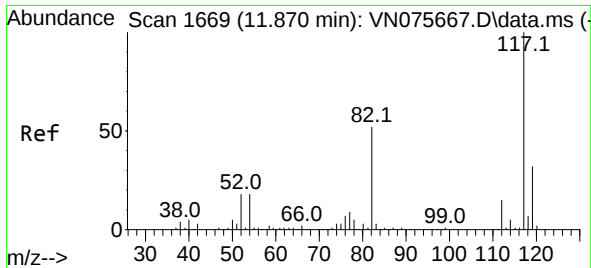
Tgt Ion: 98 Resp: 625593
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.589 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075785.D
Acq: 14 Dec 2022 23:16

Tgt Ion: 95 Resp: 194671
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 86.2 0.0 169.2

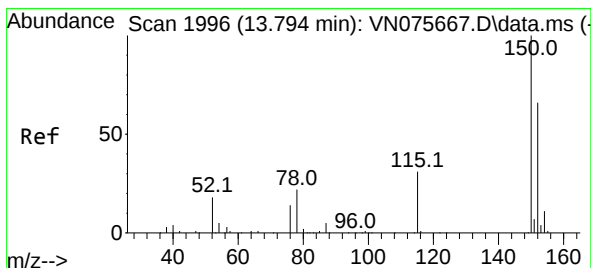
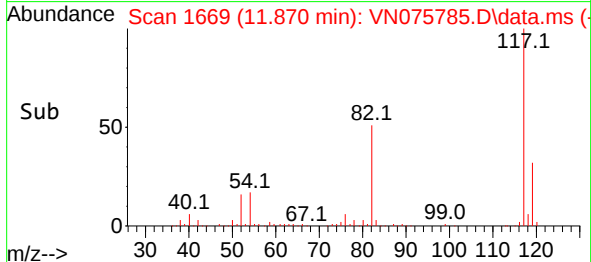
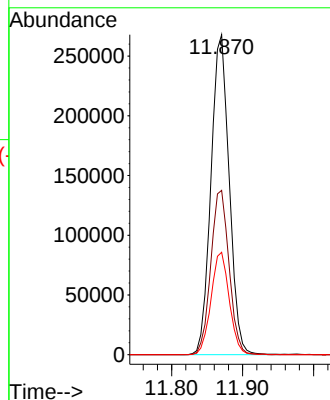
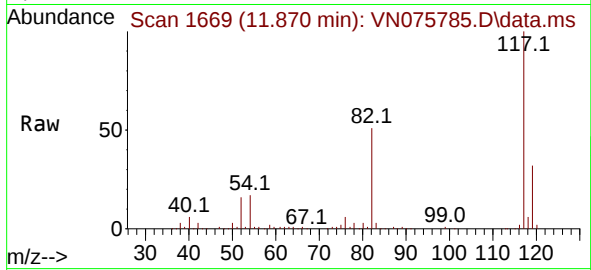




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075785.D
Acq: 14 Dec 2022 23:16

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL02

Tgt Ion:117 Resp: 476585
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 32.0 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: VN075785.D
Acq: 14 Dec 2022 23:16

Tgt Ion:152 Resp: 199417
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.4
150 155.8 0.0 347.0

