

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075773.D
 Acq On : 14 Dec 2022 16:27
 Operator : JC\MD
 Sample : N5985-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-120922

Quant Time: Dec 15 00:27:54 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	8.224	168	323900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	497409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	402816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159588	45.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.580%
35) Dibromofluoromethane	8.171	113	144051	46.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	10.571	98	562650	48.853	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.853	95	158934	41.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.320%

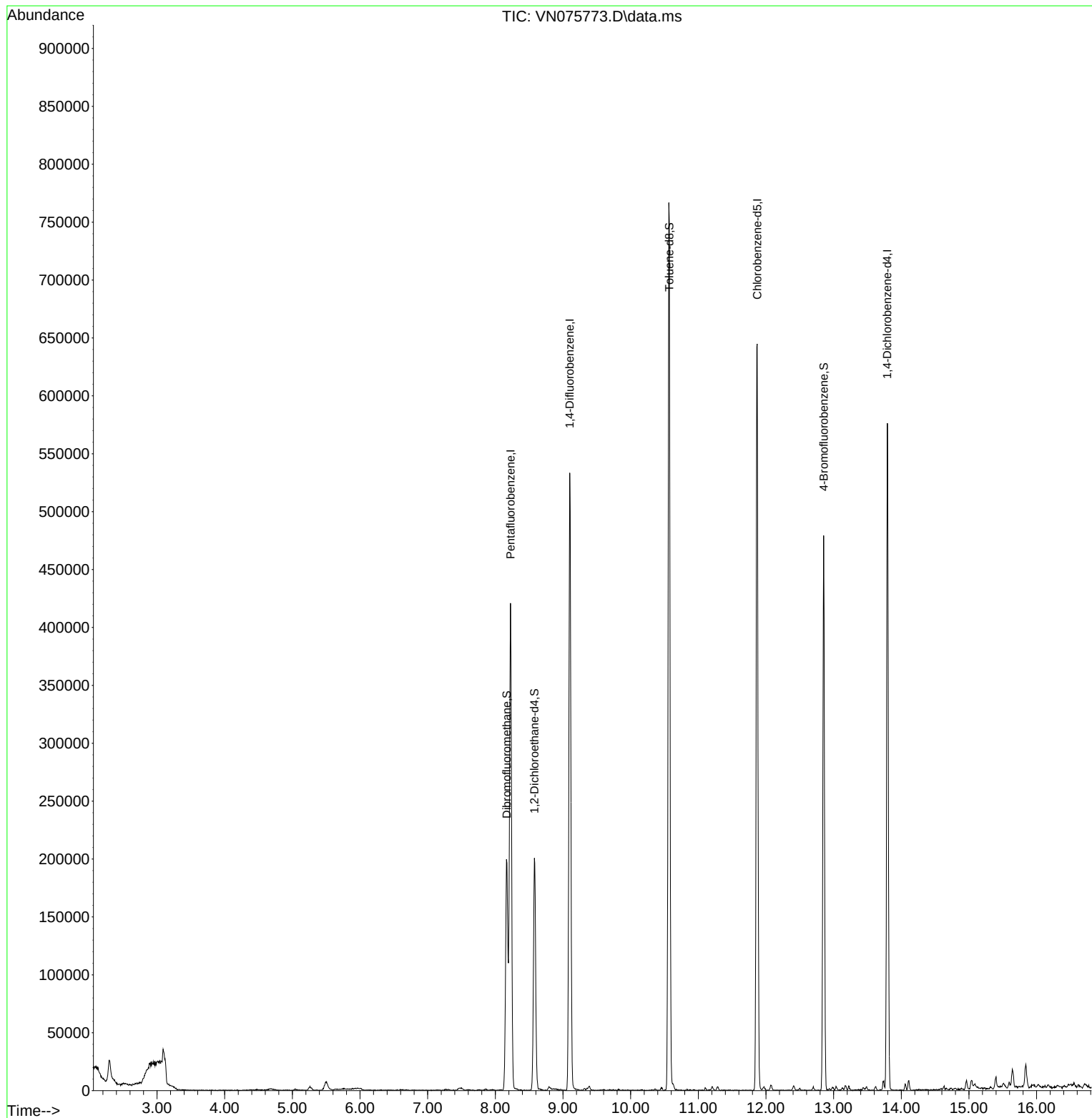
Target Compounds	Qvalue

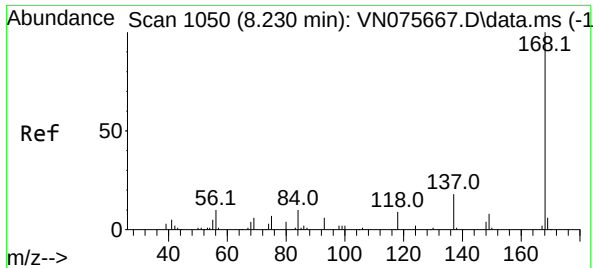
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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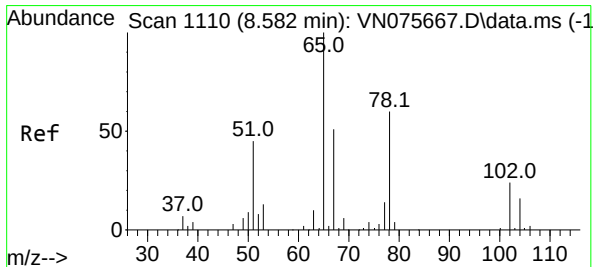
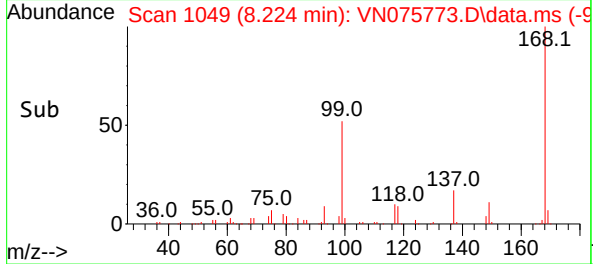
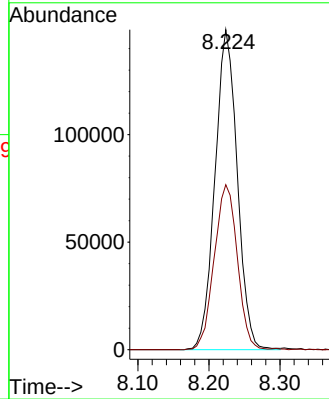
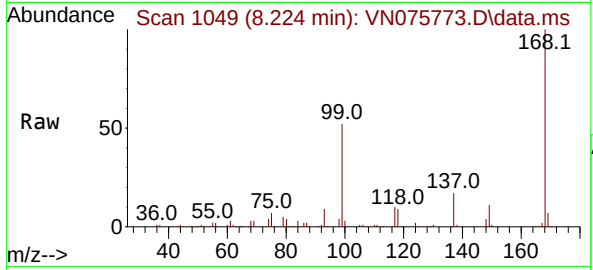




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075773.D
Acq: 14 Dec 2022 16:27

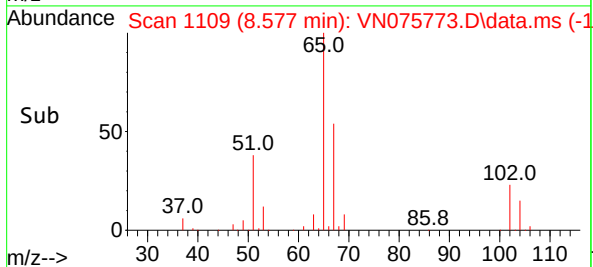
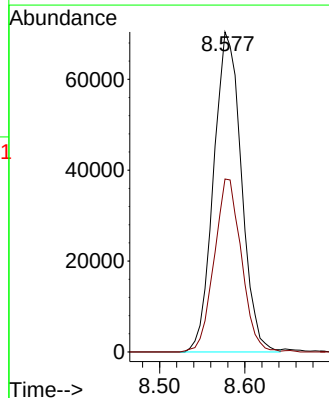
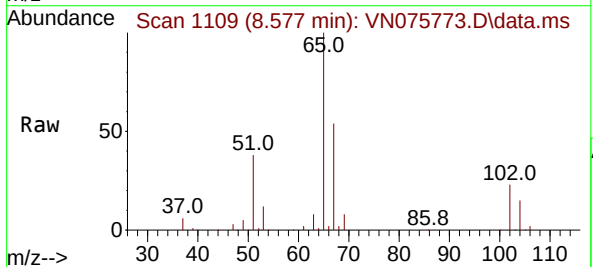
Instrument :
MSVOA_N
ClientSampleId :
OR-02-120922

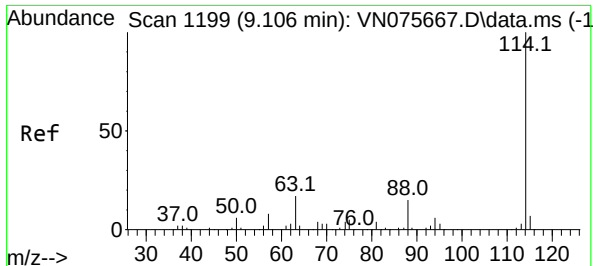
Tgt Ion:168 Resp: 323900
Ion Ratio Lower Upper
168 100
99 51.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.290 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075773.D
Acq: 14 Dec 2022 16:27

Tgt Ion: 65 Resp: 159588
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075773.D

Acq: 14 Dec 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

OR-02-120922

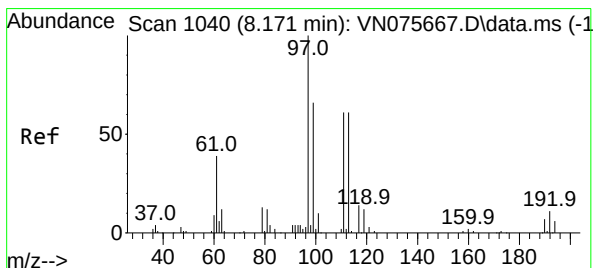
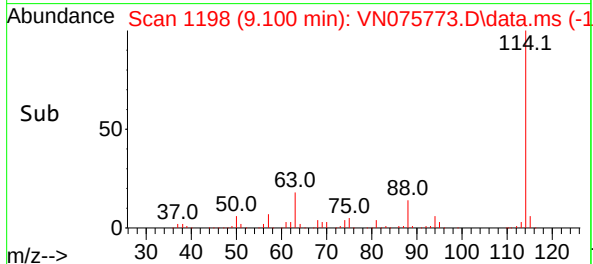
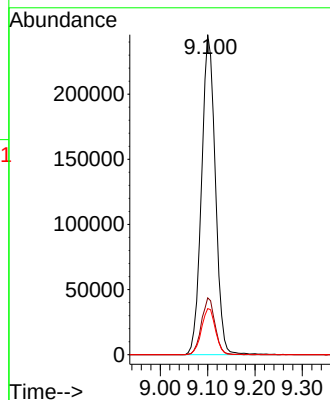
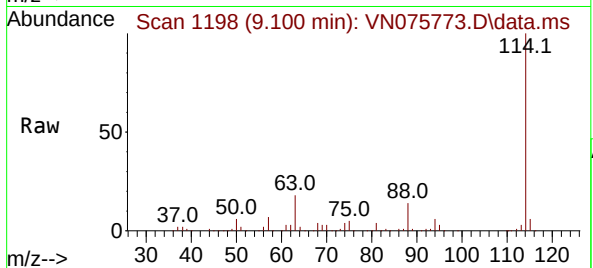
Tgt Ion:114 Resp: 497409

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.764 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075773.D

Acq: 14 Dec 2022 16:27

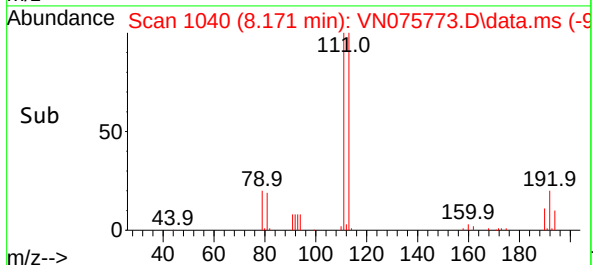
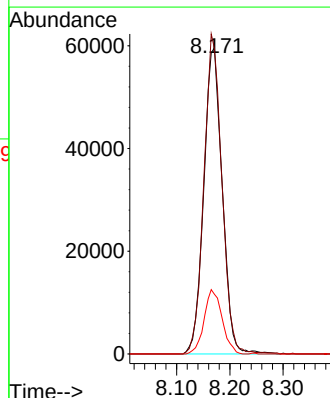
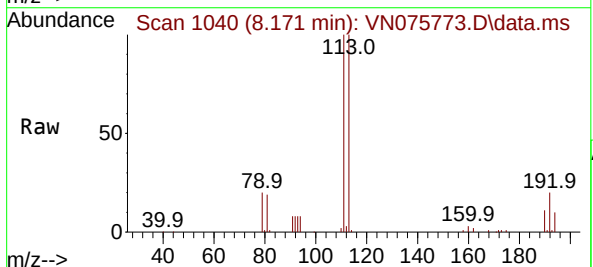
Tgt Ion:113 Resp: 144051

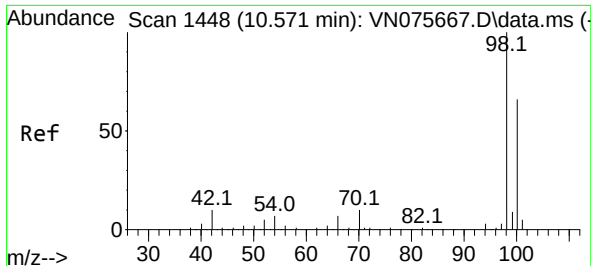
Ion Ratio Lower Upper

113 100

111 101.0 83.4 125.2

192 20.4 16.1 24.1

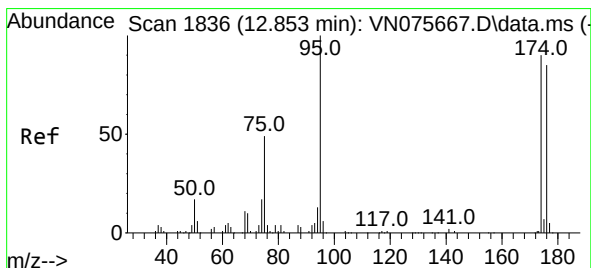
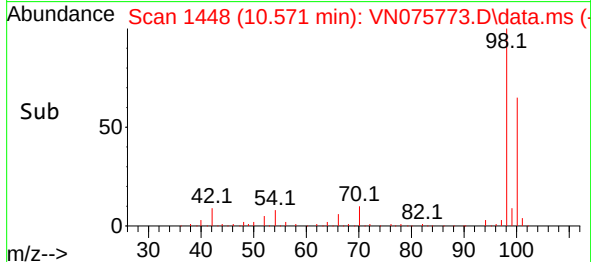
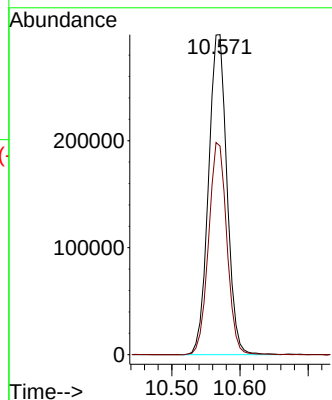
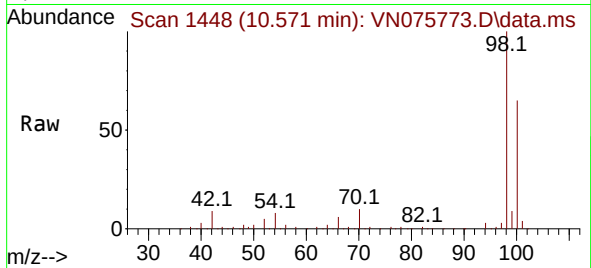




#50
Toluene-d8
Concen: 48.853 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075773.D
Acq: 14 Dec 2022 16:27

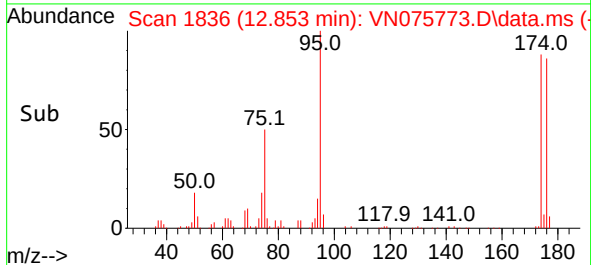
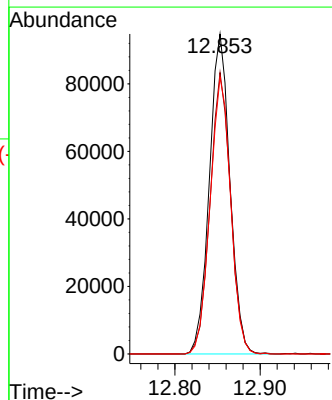
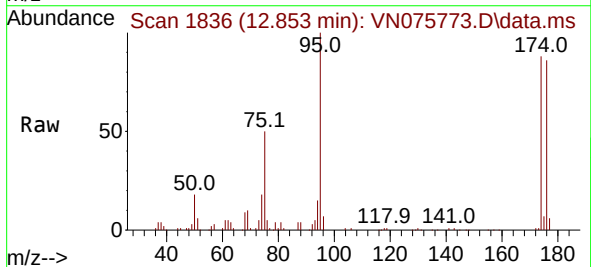
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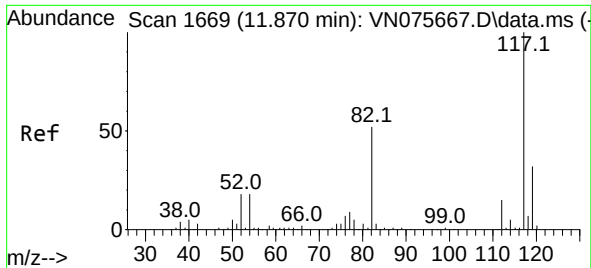
Tgt Ion: 98 Resp: 562650
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.664 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075773.D
Acq: 14 Dec 2022 16:27

Tgt Ion: 95 Resp: 158934
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 86.2 0.0 169.2

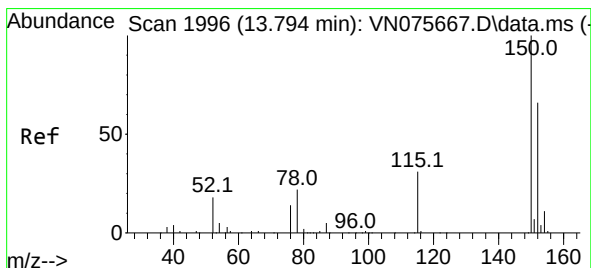
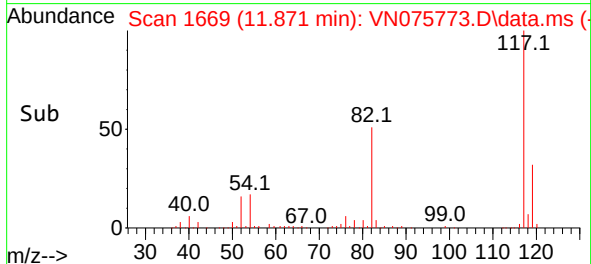
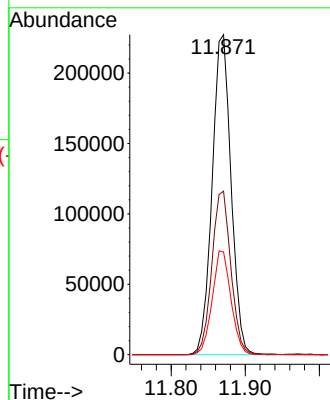
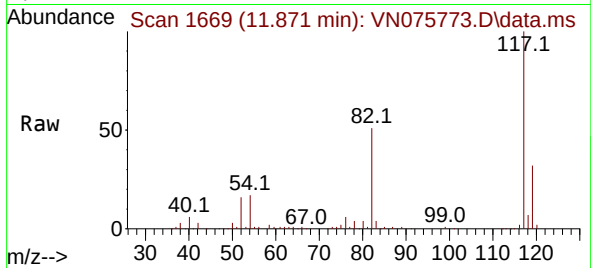




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075773.D
Acq: 14 Dec 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
OR-02-120922

Tgt Ion:117 Resp: 402816
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 32.1 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: VN075773.D
Acq: 14 Dec 2022 16:27

Tgt Ion:152 Resp: 165075
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.4
150 156.6 0.0 347.0

