

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076147.D
 Acq On : 09 Jan 2023 11:30
 Operator : JC\MD
 Sample : VN0109WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0109WBL01

Quant Time: Jan 10 01:02:36 2023
 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	8.236	168	307054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	428338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	169222	50.658	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.320%
35) Dibromofluoromethane	8.177	113	149925	49.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	10.571	98	572033	50.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.853	95	172274	45.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.540%

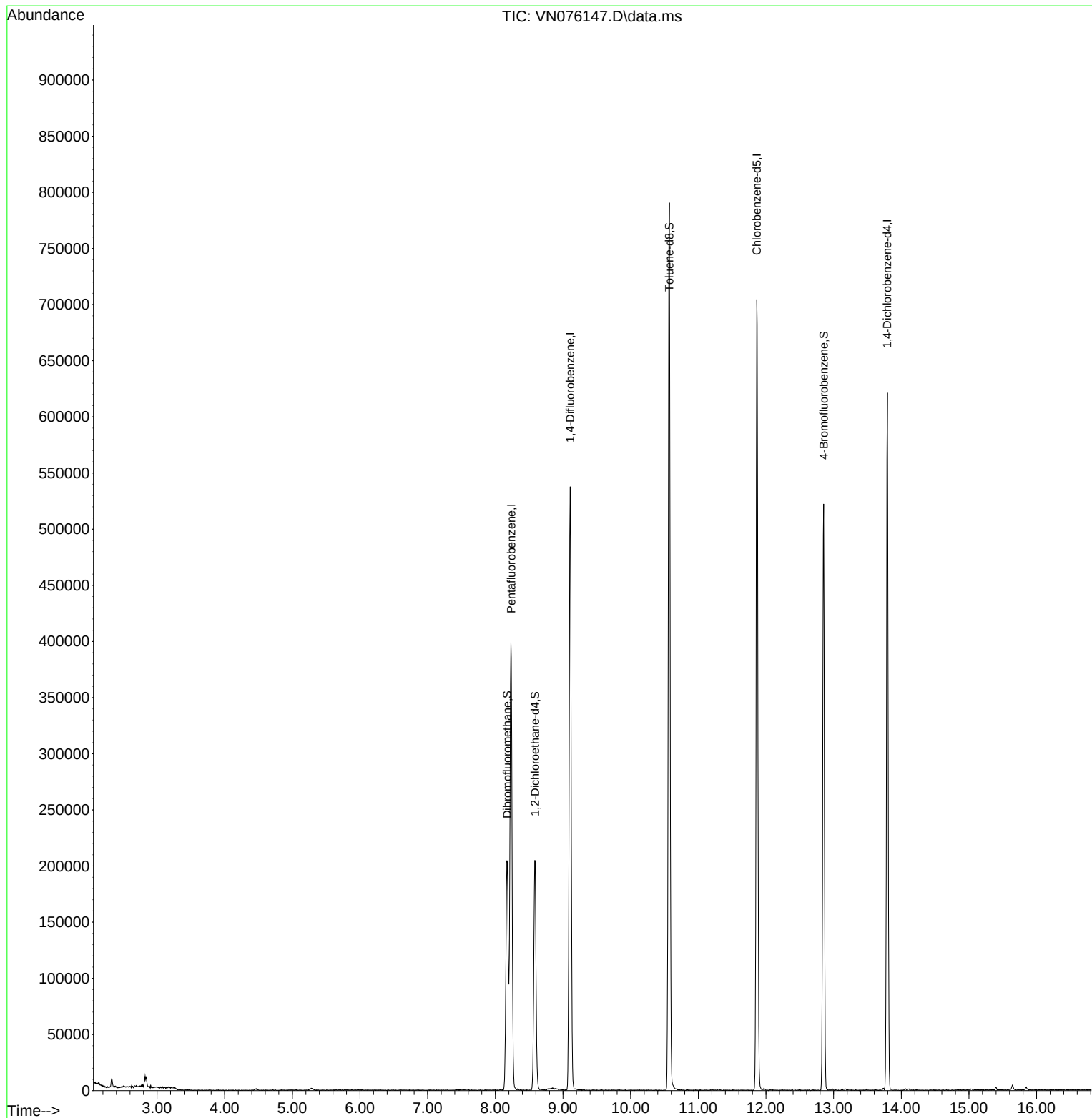
Target Compounds	Qvalue

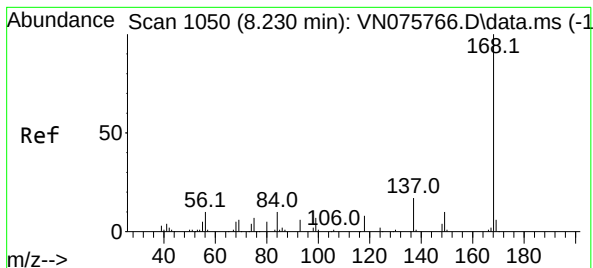
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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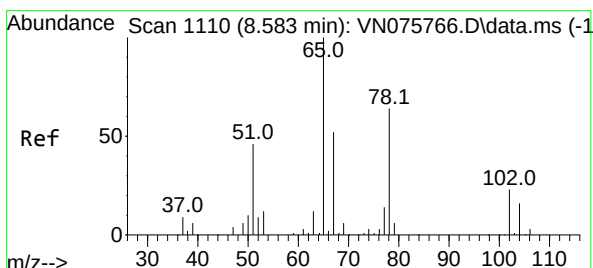
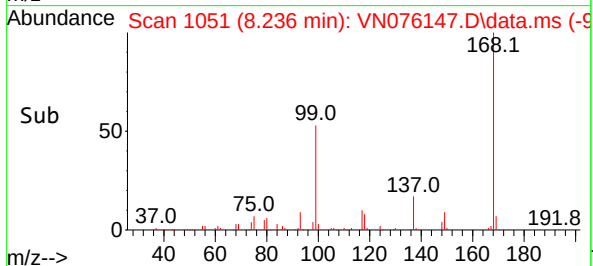
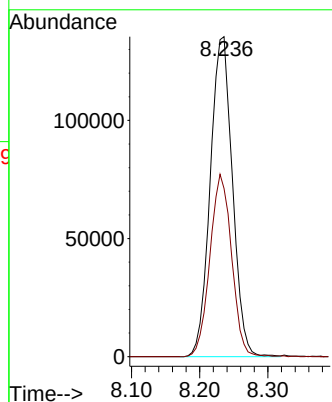
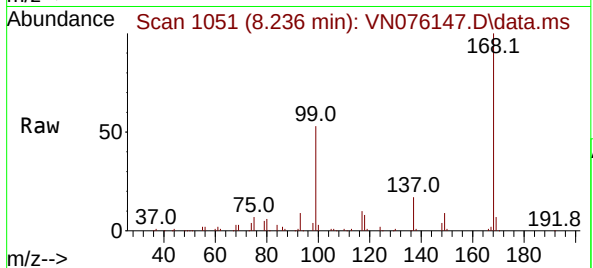




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN076147.D
Acq: 09 Jan 2023 11:30

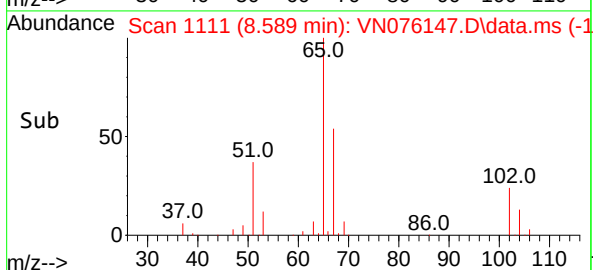
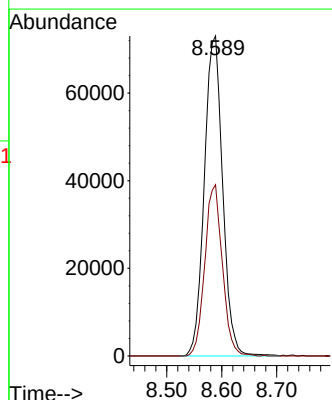
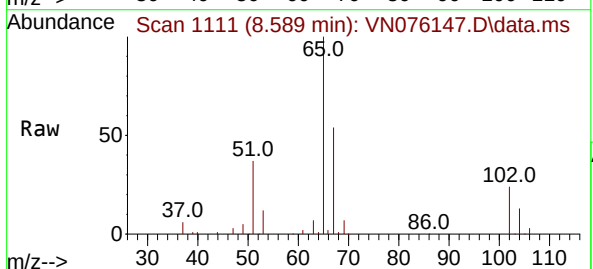
Instrument :
MSVOA_N
ClientSampleId :
VN0109WBL01

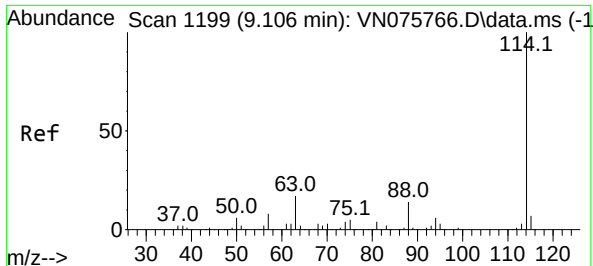
Tgt Ion:168 Resp: 307054
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.658 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076147.D
Acq: 09 Jan 2023 11:30

Tgt Ion: 65 Resp: 169222
Ion Ratio Lower Upper
65 100
67 51.2 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: VN076147.D

Acq: 09 Jan 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0109WBL01

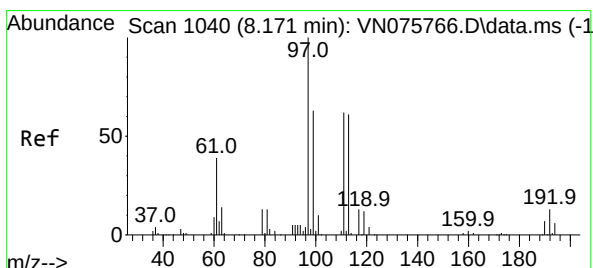
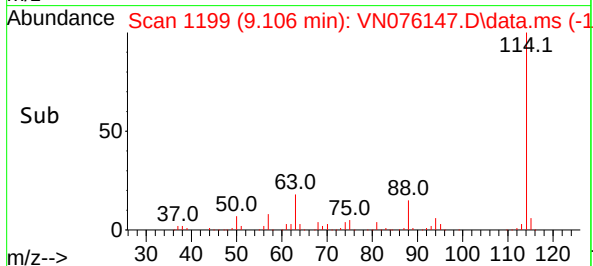
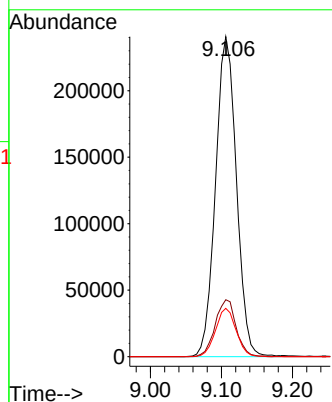
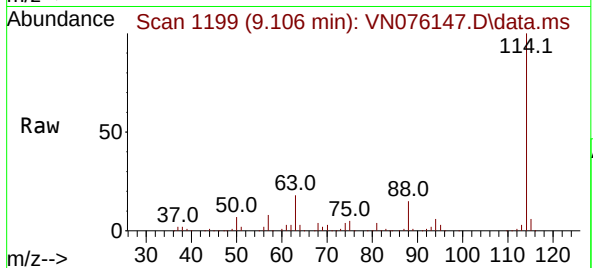
Tgt Ion:114 Resp: 490836

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.323 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076147.D

Acq: 09 Jan 2023 11:30

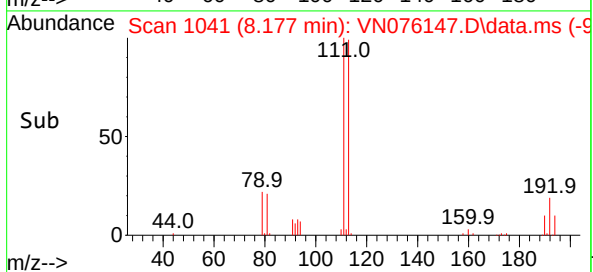
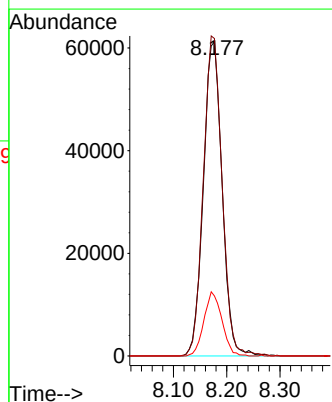
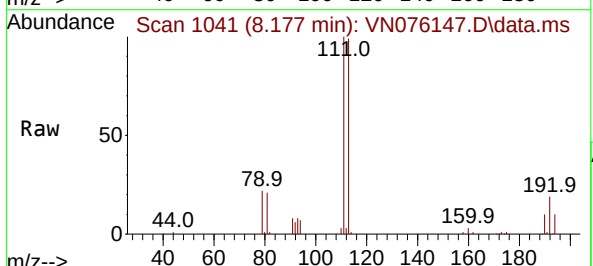
Tgt Ion:113 Resp: 149925

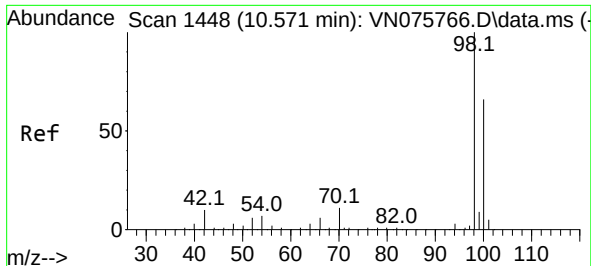
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 19.6 16.1 24.1

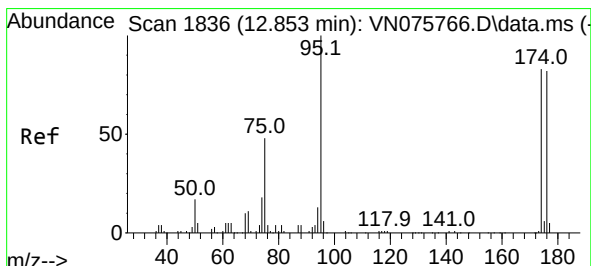
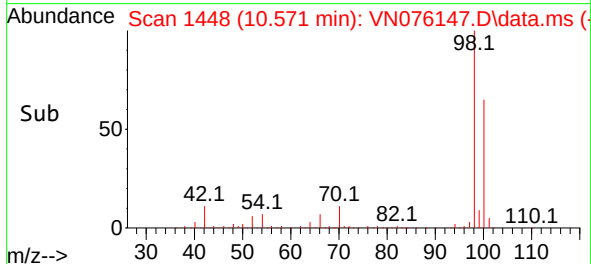
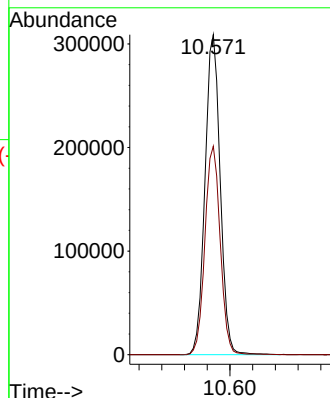
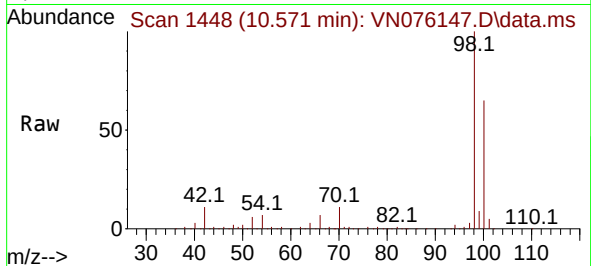




#50
Toluene-d8
Concen: 50.333 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076147.D
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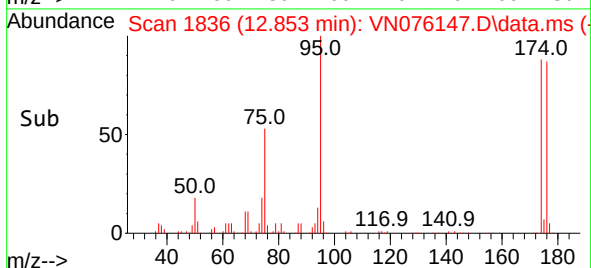
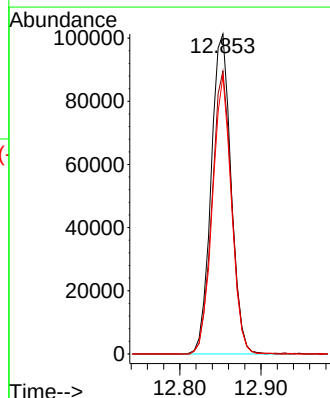
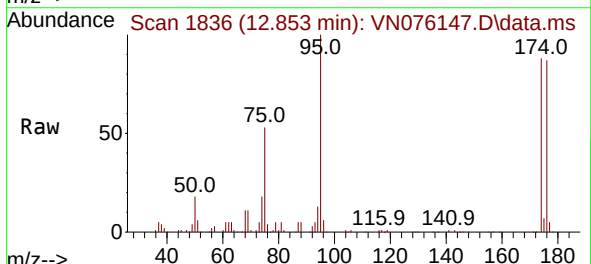
Instrument :
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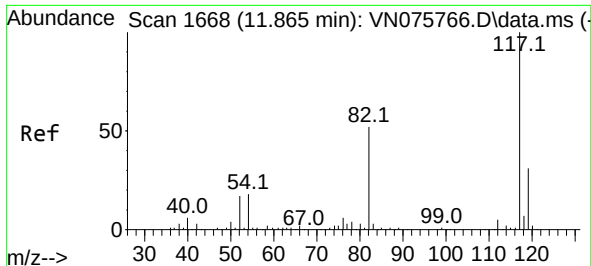
Tgt Ion: 98 Resp: 572033
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.766 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076147.D
Acq: 09 Jan 2023 11:30

Tgt Ion: 95 Resp: 172274
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 83.3 0.0 169.2

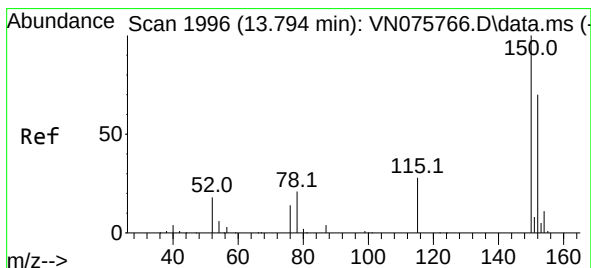
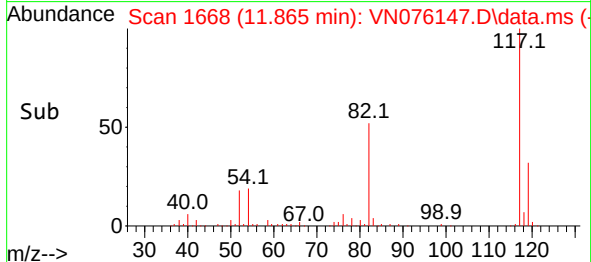
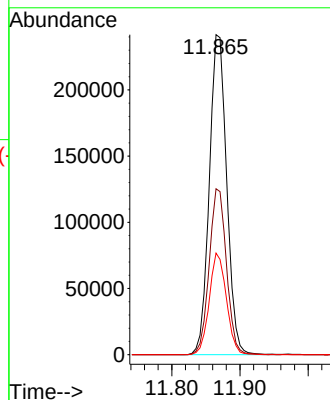
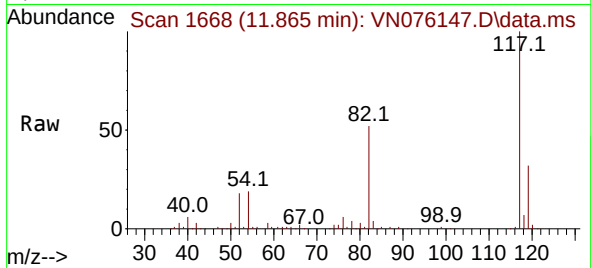




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076147.D
Acq: 09 Jan 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0109WBL01

Tgt Ion:117 Resp: 428338
Ion Ratio Lower Upper
117 100
82 51.8 41.3 61.9
119 31.7 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: VN076147.D
Acq: 09 Jan 2023 11:30

Tgt Ion:152 Resp: 172767
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 157.3 0.0 347.0

