

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076552.D
 Acq On : 06 Feb 2023 19:24
 Operator : JC\MD
 Sample : 01437-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31881

Quant Time: Feb 07 04:50:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	639320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1040982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	918757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	382853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	350579	46.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.100%
35) Dibromofluoromethane	8.177	113	313517	48.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	10.571	98	1202049	49.113	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.853	95	417303	49.194	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%

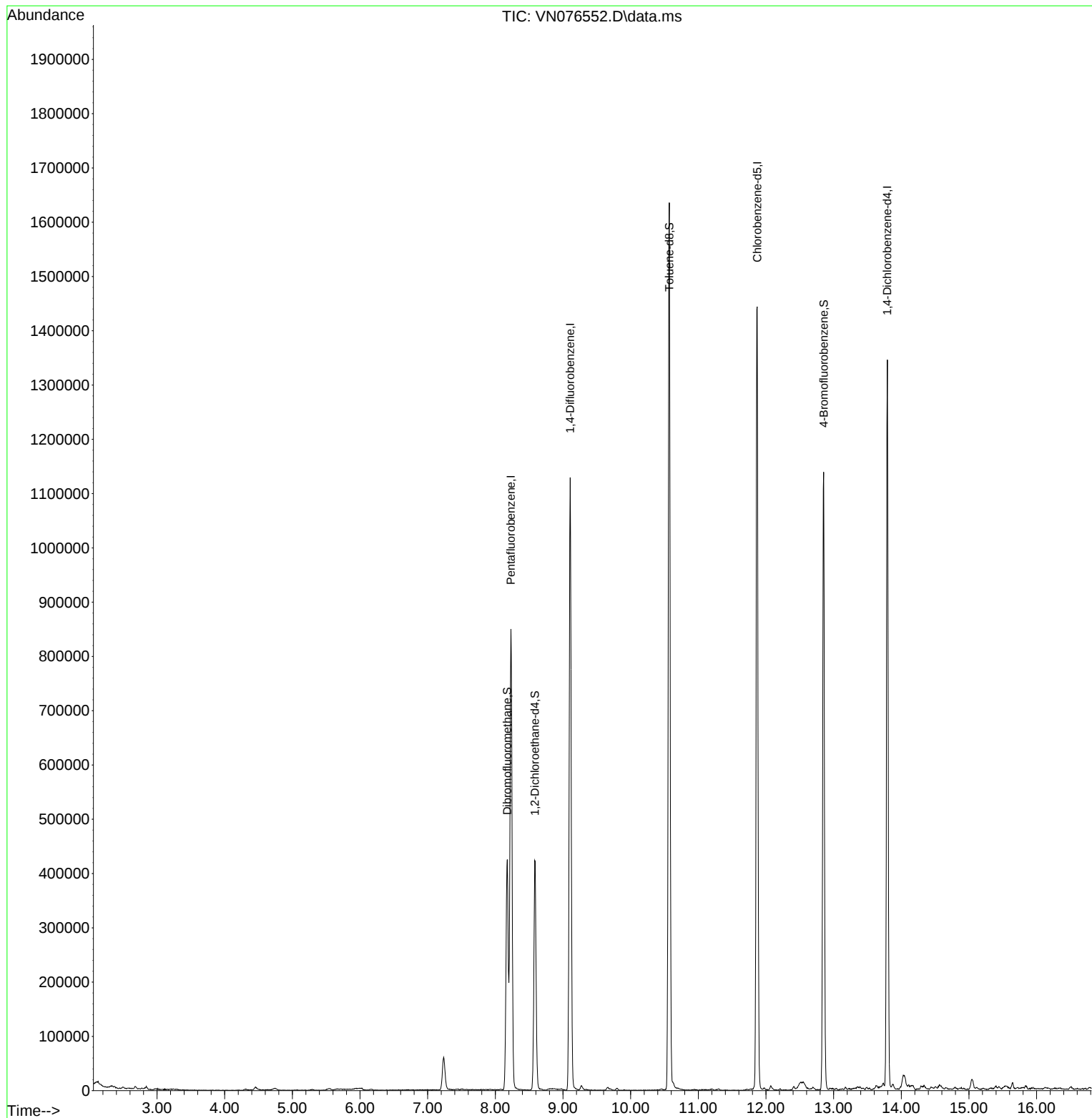
Target Compounds	Qvalue

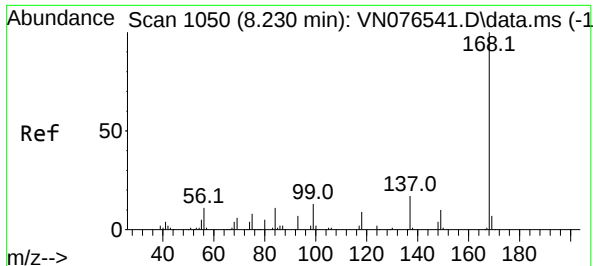
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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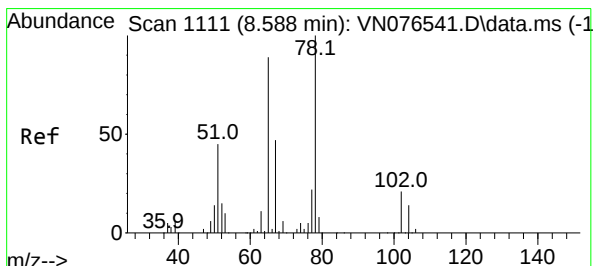
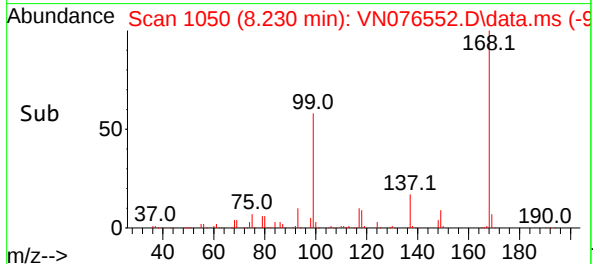
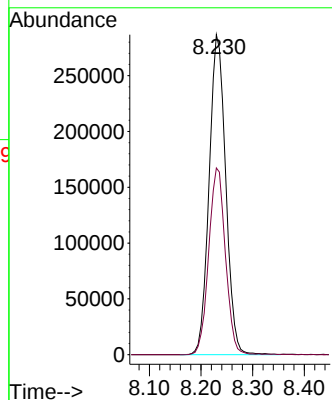
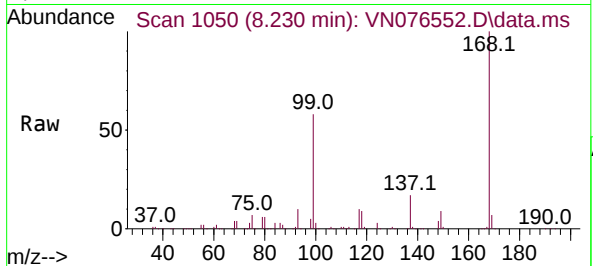




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN076552.D
Acq: 06 Feb 2023 19:24

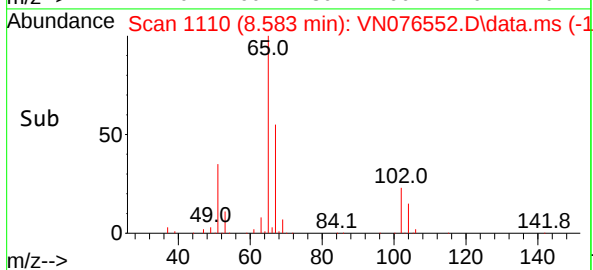
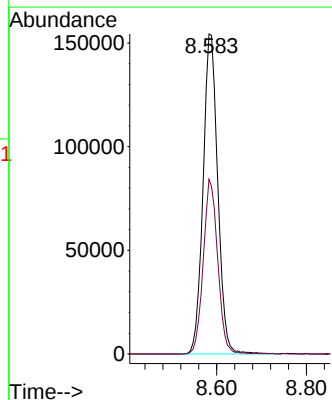
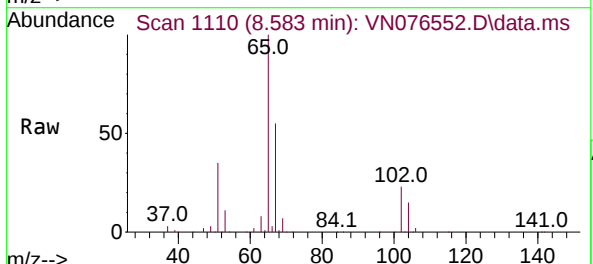
Instrument :
MSVOA_N
ClientSampleId :
31881

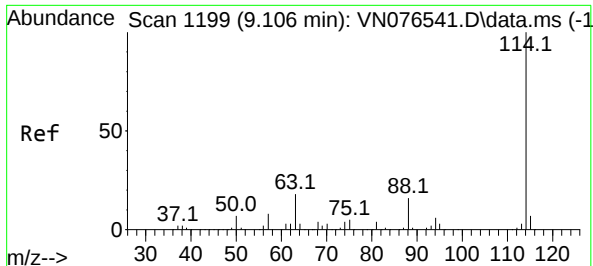
Tgt Ion:168 Resp: 639320
Ion Ratio Lower Upper
168 100
99 58.3 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 46.054 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN076552.D
Acq: 06 Feb 2023 19:24

Tgt Ion: 65 Resp: 350579
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076552.D

Acq: 06 Feb 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

31881

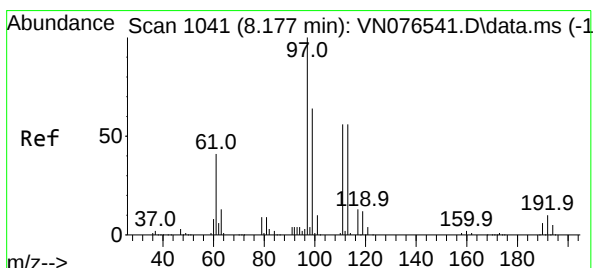
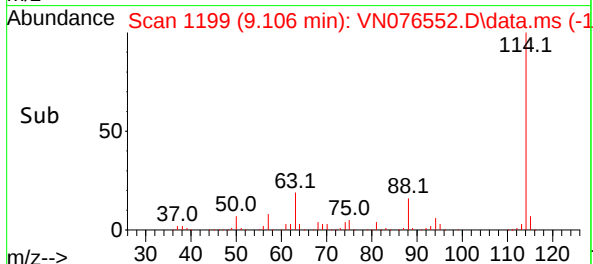
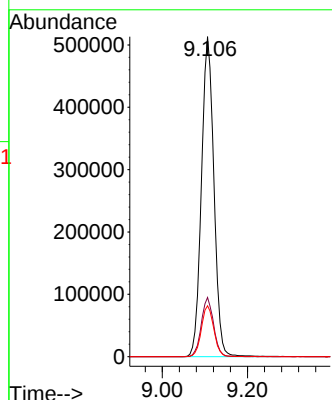
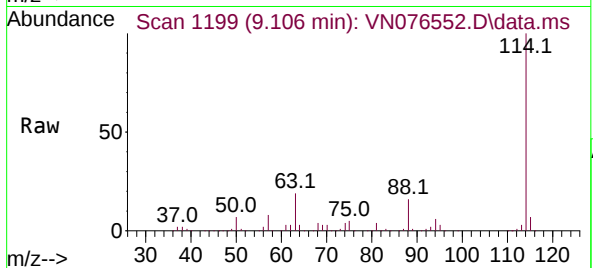
Tgt Ion:114 Resp: 1040982

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.668 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN076552.D

Acq: 06 Feb 2023 19:24

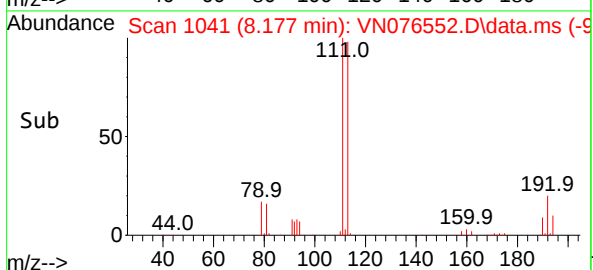
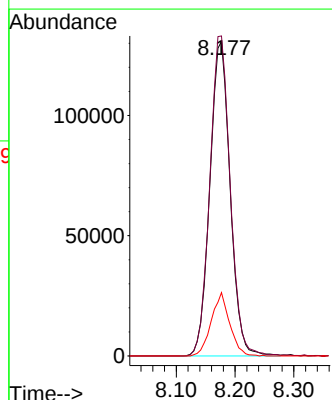
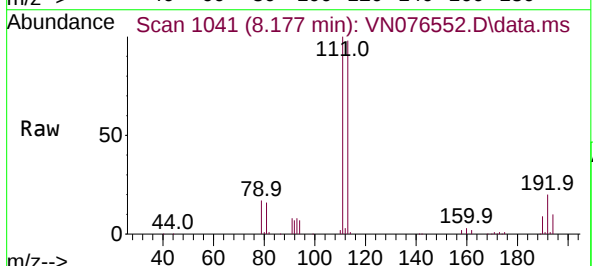
Tgt Ion:113 Resp: 313517

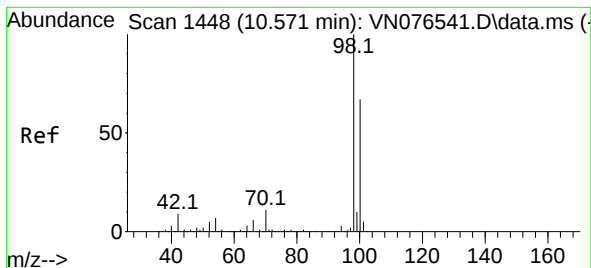
Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

192 18.4 15.0 22.4

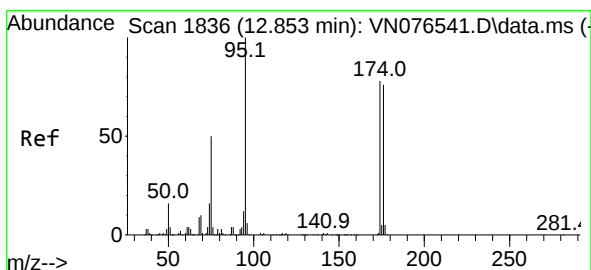
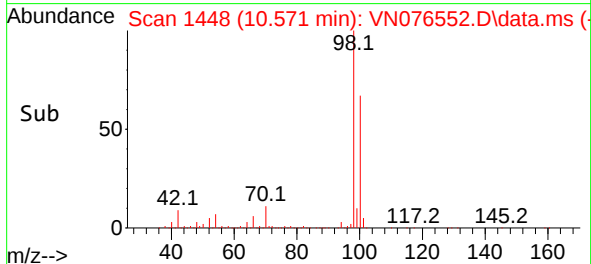
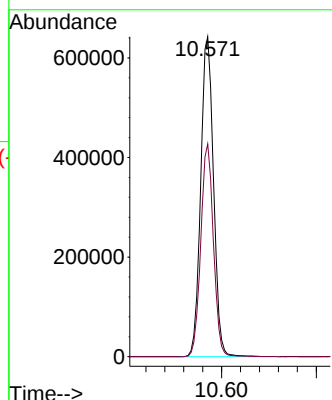
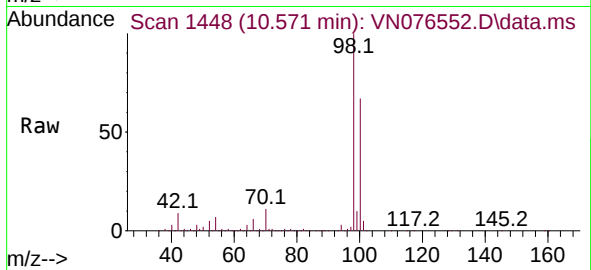




#50
Toluene-d8
Concen: 49.113 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076552.D
Acq: 06 Feb 2023 19:24

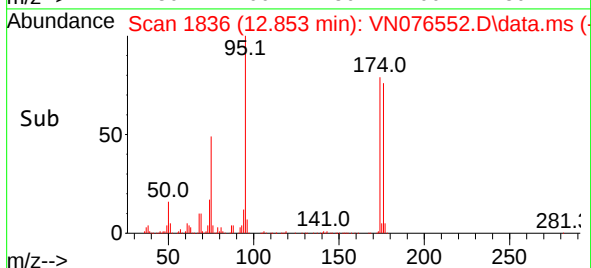
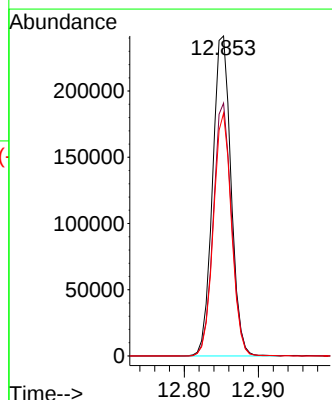
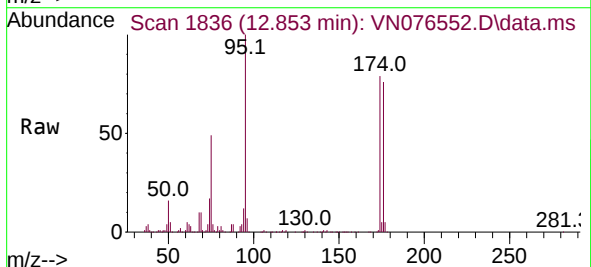
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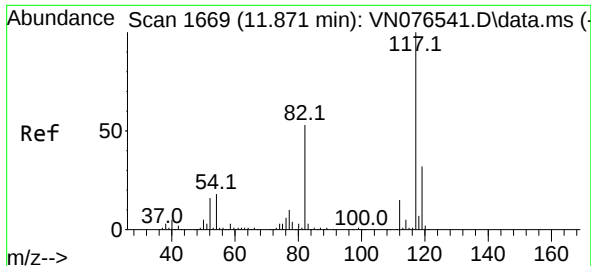
Tgt Ion: 98 Resp: 1202049
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.194 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076552.D
Acq: 06 Feb 2023 19:24

Tgt Ion: 95 Resp: 417303
Ion Ratio Lower Upper
95 100
174 78.2 0.0 153.4
176 74.2 0.0 149.0

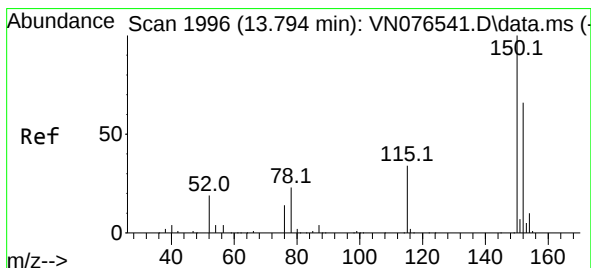
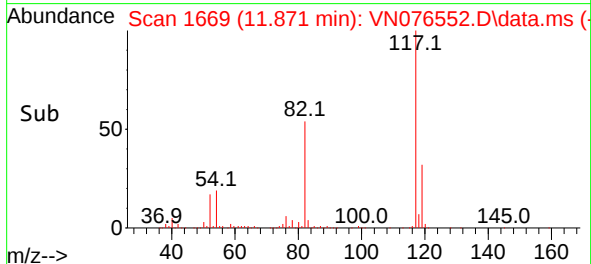
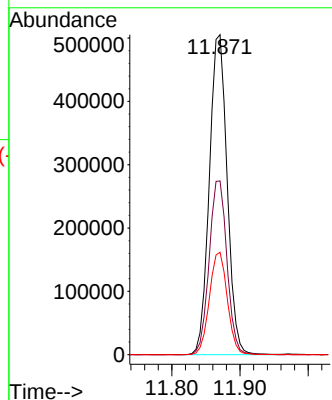
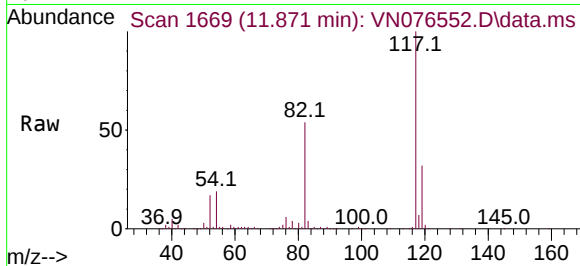




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11881
Delta R.T. 0.000 min
Lab File: VN076552.D
Acq: 06 Feb 2023 19:24

Instrument :
MSVOA_N
ClientSampleId :
31881

Tgt Ion:117 Resp: 918757
Ion Ratio Lower Upper
117 100
82 54.3 42.4 63.6
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076552.D
Acq: 06 Feb 2023 19:24

Tgt Ion:152 Resp: 382853
Ion Ratio Lower Upper
152 100
115 61.5 30.5 91.5
150 156.7 0.0 352.0

