

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076933.D
 Acq On : 10 Mar 2023 18:49
 Operator : JC\MD
 Sample : 01871-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 13 01:22:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	368132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	602822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	529859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	217768	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261349	47.574	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.140%
35) Dibromofluoromethane	8.178	113	191786	47.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	10.572	98	703472	47.510	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.854	95	252109	46.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.100%

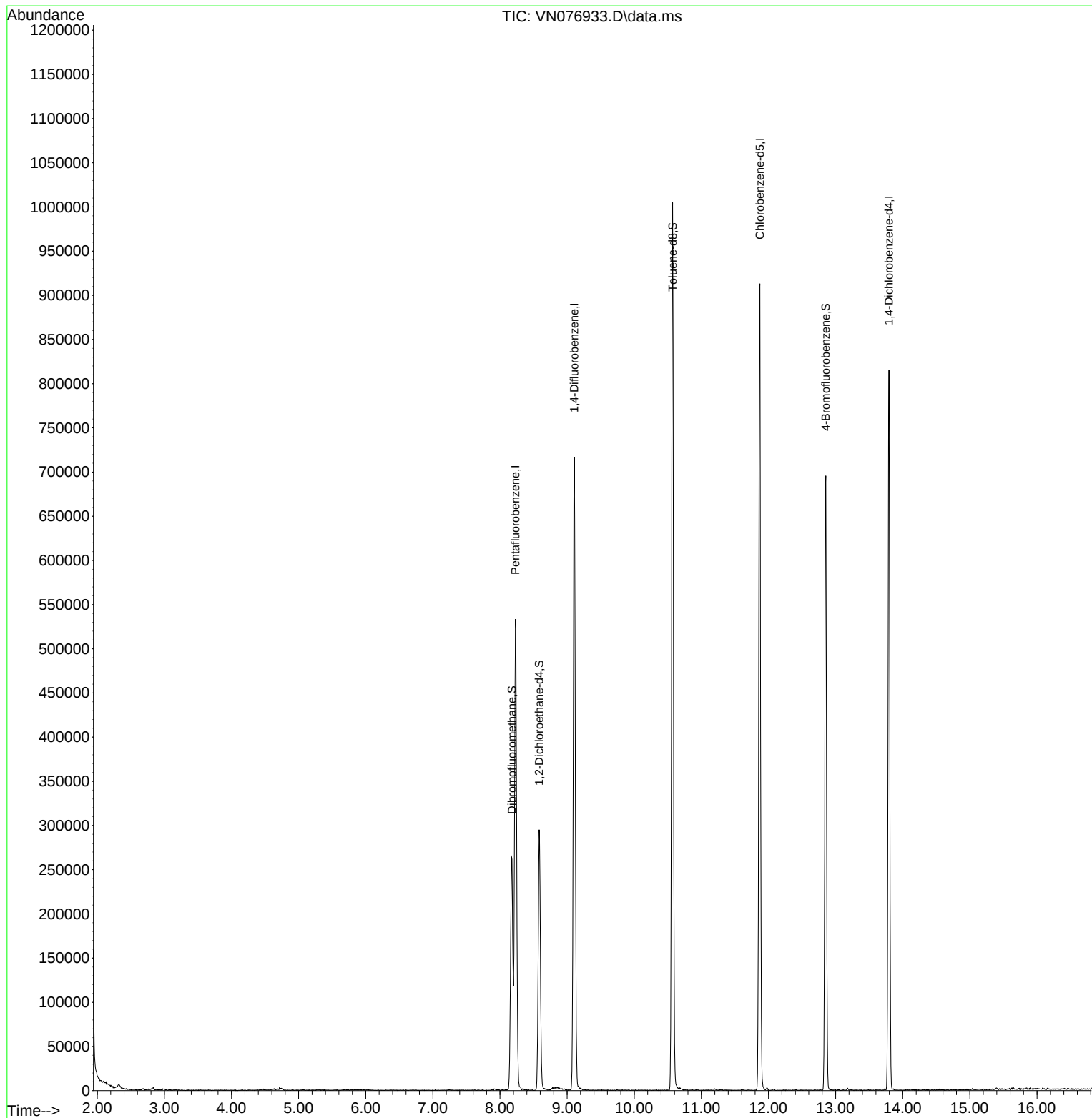
Target Compounds	Qvalue

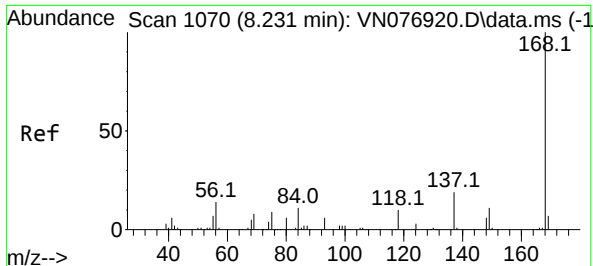
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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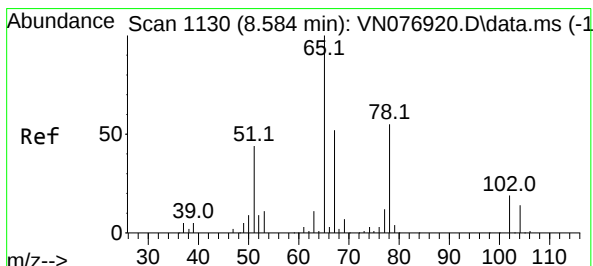
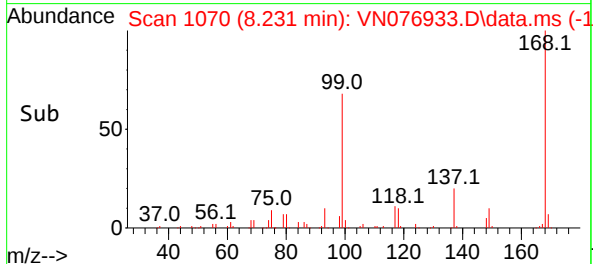
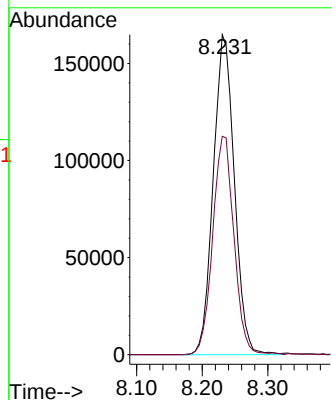
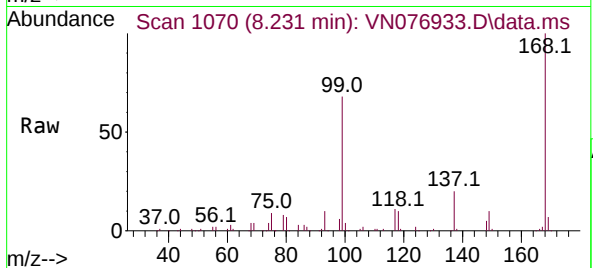




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

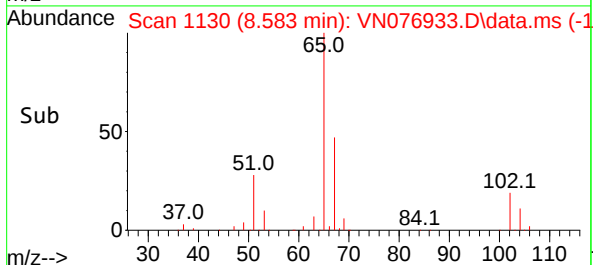
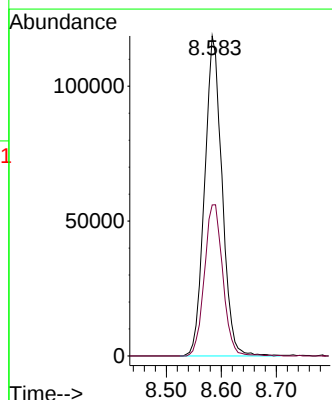
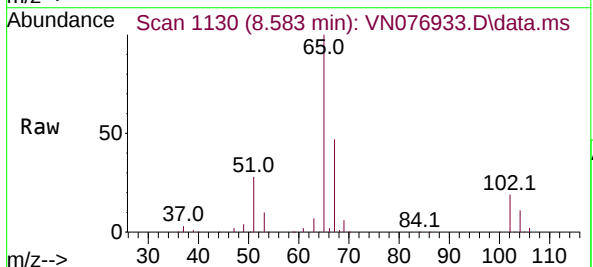
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

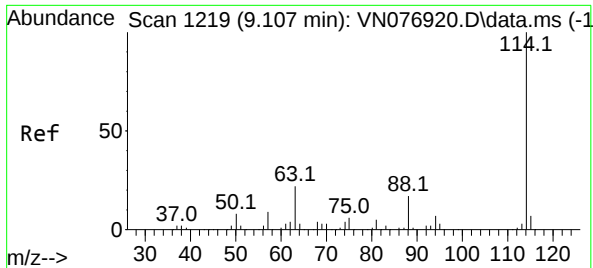
Tgt Ion:168 Resp: 368132
Ion Ratio Lower Upper
168 100
99 68.3 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 47.574 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion: 65 Resp: 261349
Ion Ratio Lower Upper
65 100
67 49.8 0.0 107.2

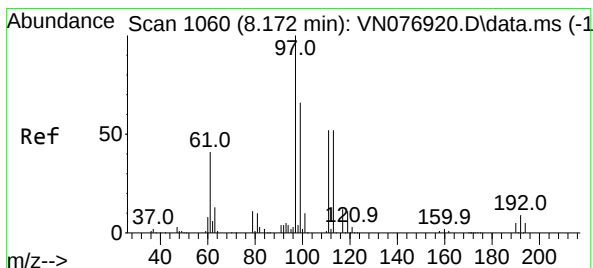
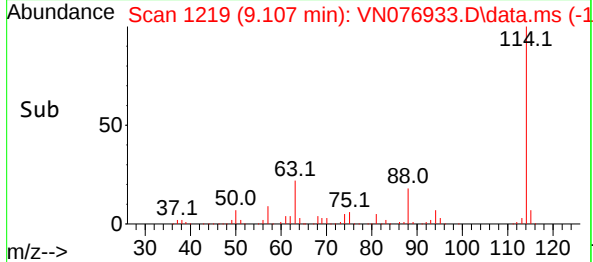
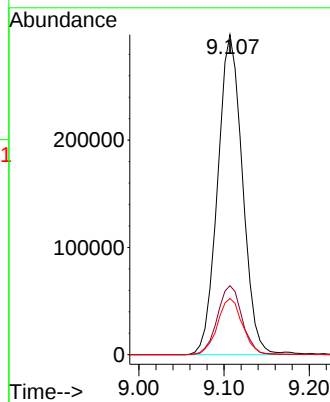
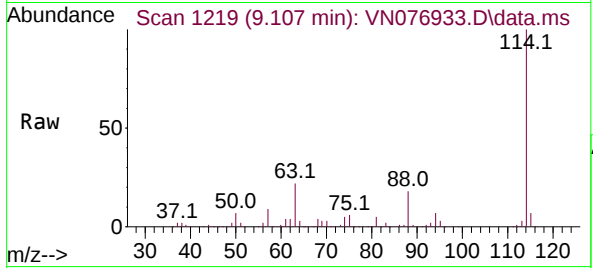




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

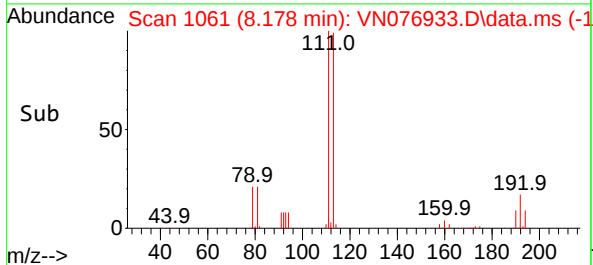
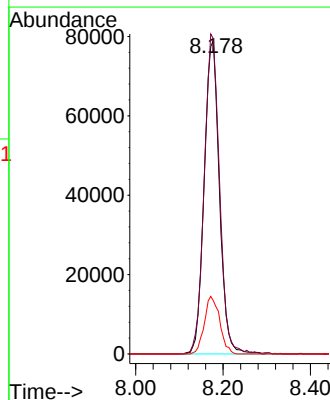
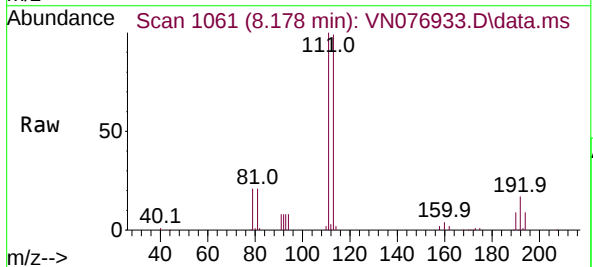
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

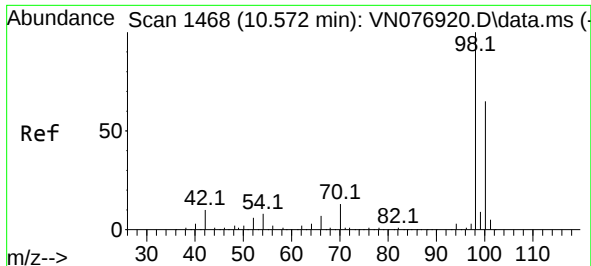
Tgt Ion:114 Resp: 602822
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.6
88 17.6 0.0 28.6



#35
Dibromofluoromethane
Concen: 47.736 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion:113 Resp: 191786
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 18.5 13.9 20.9

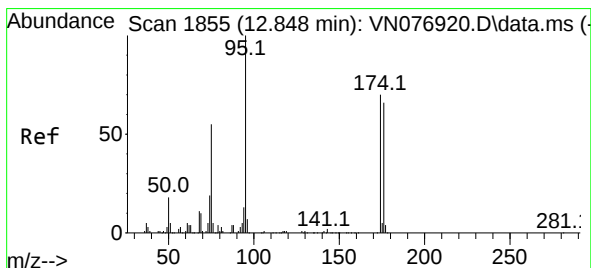
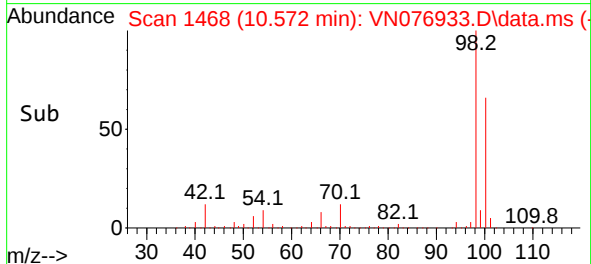
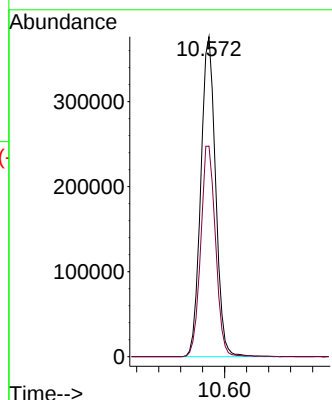
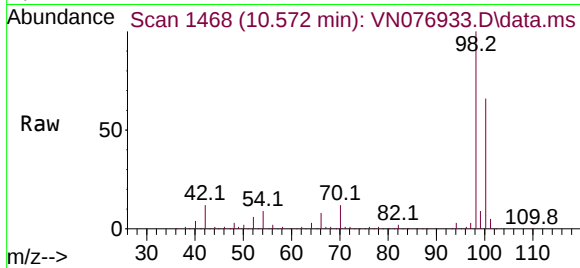




#50
Toluene-d8
Concen: 47.510 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

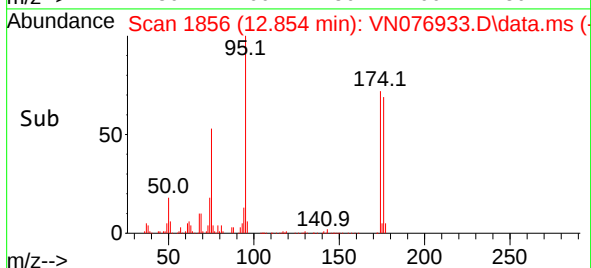
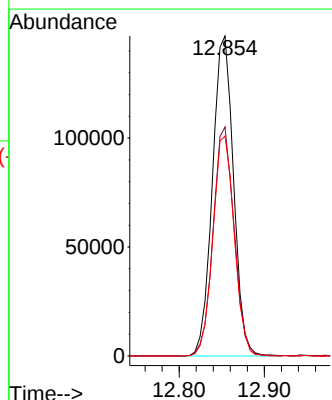
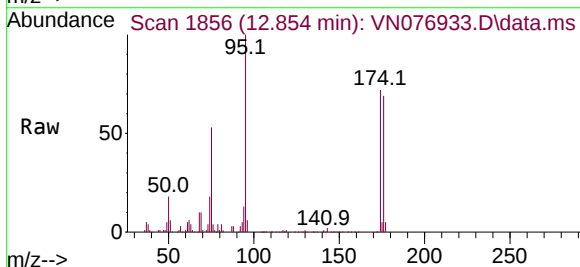
Instrument :
MSVOA_N
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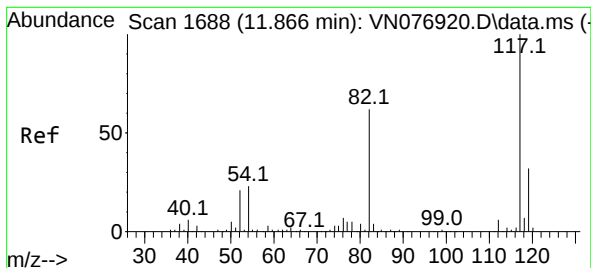
Tgt Ion: 98 Resp: 703472
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion: 95 Resp: 252109
Ion Ratio Lower Upper
95 100
174 71.7 0.0 162.4
176 69.6 0.0 157.4

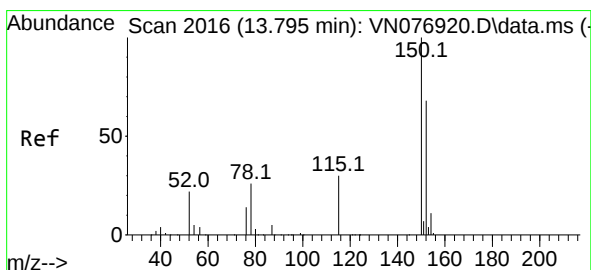
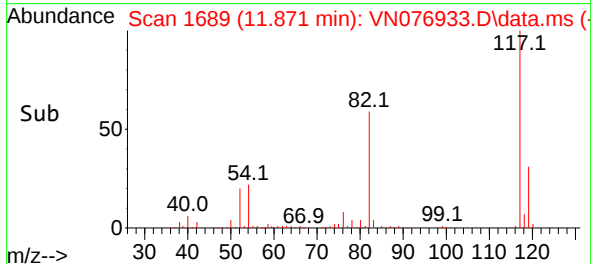
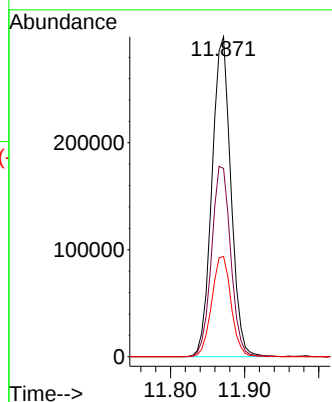
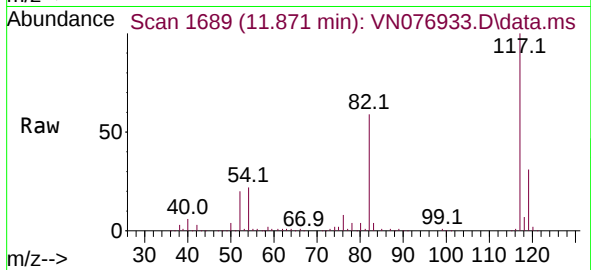




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 529859
Ion Ratio Lower Upper
117 100
82 58.8 43.5 65.3
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076933.D
Acq: 10 Mar 2023 18:49

Tgt Ion:152 Resp: 217768
Ion Ratio Lower Upper
152 100
115 64.7 30.3 90.9
150 157.4 0.0 353.6

