

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076329.D
 Acq On : 19 Jan 2023 17:43
 Operator : JC\MD
 Sample : 01221-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11-0118

Quant Time: Jan 20 00:59:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

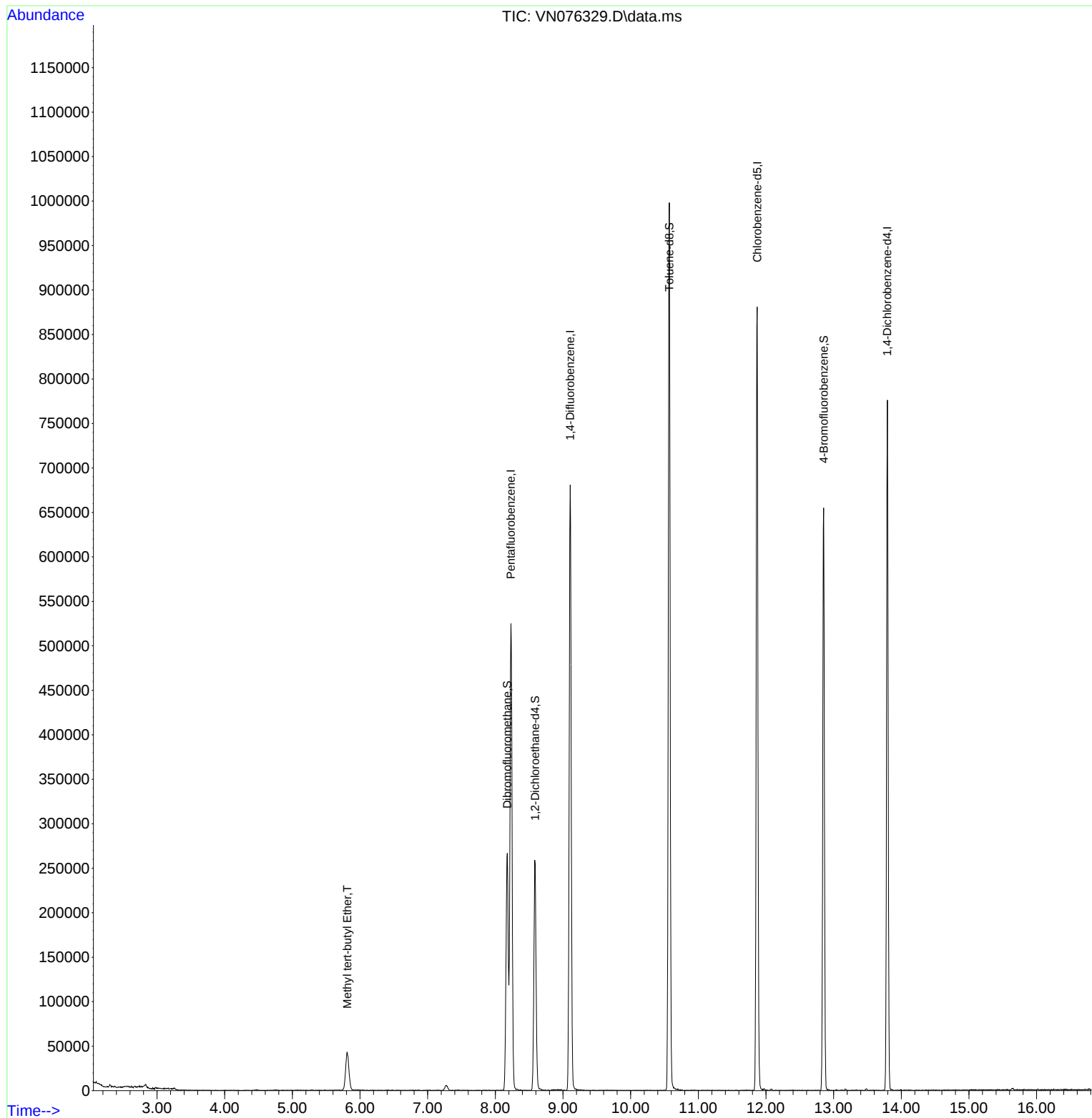
Internal Standards						
1) Pentafluorobenzene	8.230	168	407389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	633018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	538613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	208505	45.710	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.420%
35) Dibromofluoromethane	8.177	113	189429	47.838	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.680%
50) Toluene-d8	10.571	98	718018	49.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.853	95	218398	45.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.500%
Target Compounds						
19) Methyl tert-butyl Ether	5.812	73	73914	5.819	ug/l	Qvalue 97

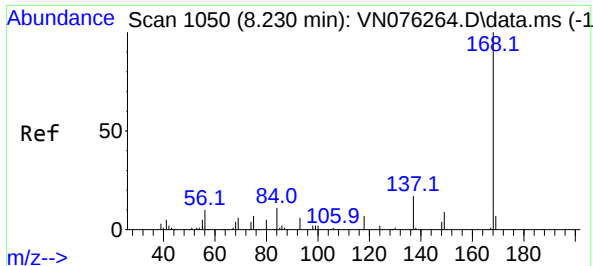
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076329.D

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MSVOA_N

ClientSampleId :

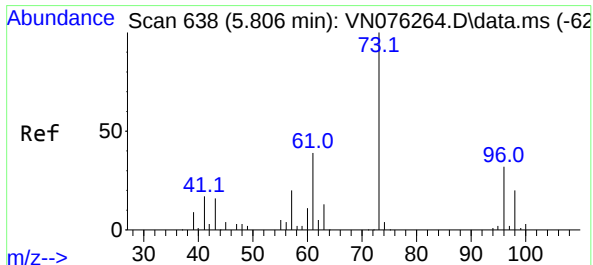
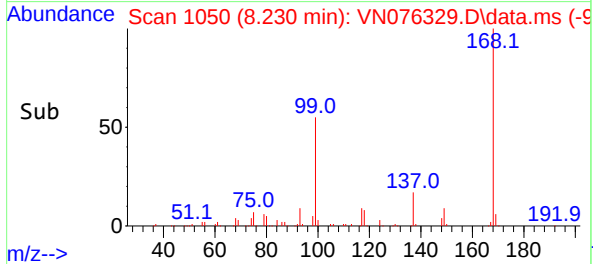
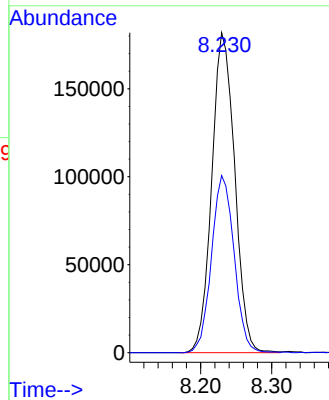
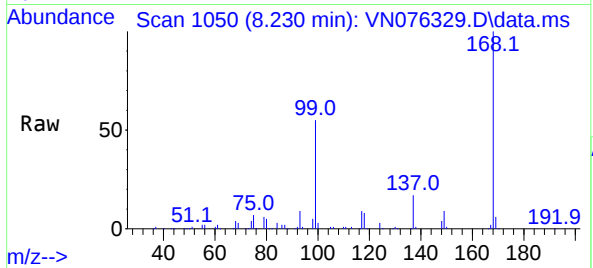
MW-11-0118

Tgt Ion:168 Resp: 407389

Ion Ratio Lower Upper

168 100

99 55.3 41.6 62.4



#19

Methyl tert-butyl Ether

Concen: 5.819 ug/l

RT: 5.812 min Scan# 639

Delta R.T. 0.006 min

Lab File: VN076329.D

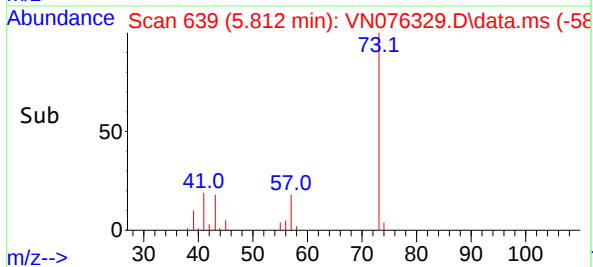
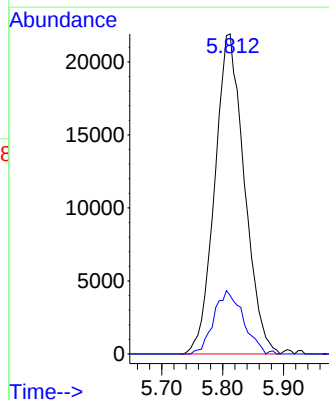
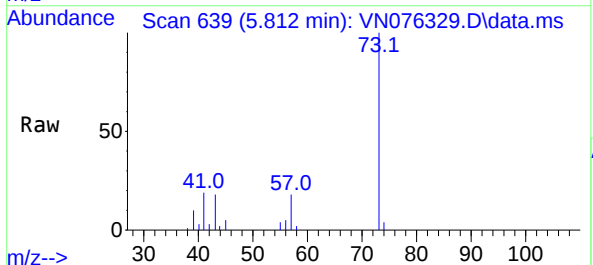
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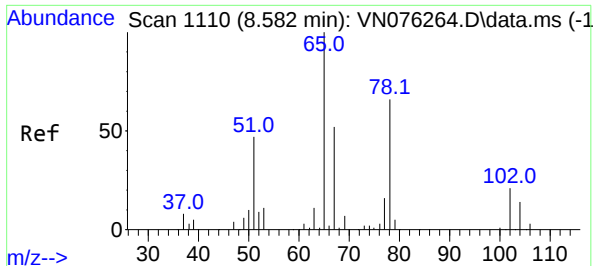
Tgt Ion: 73 Resp: 73914

Ion Ratio Lower Upper

73 100

57 18.3 15.9 23.9

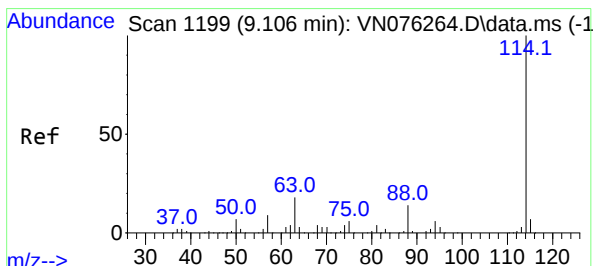
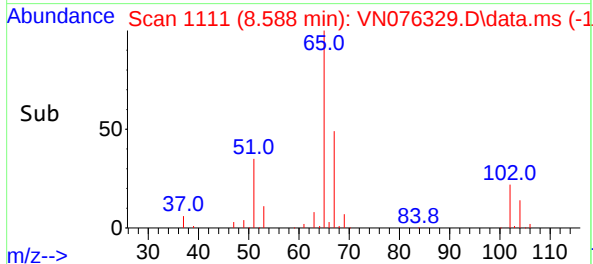
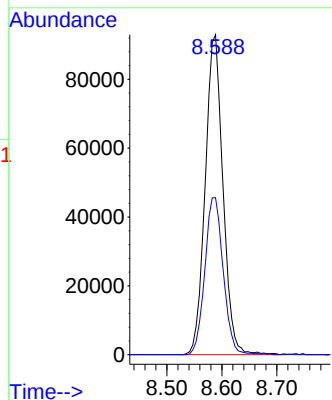
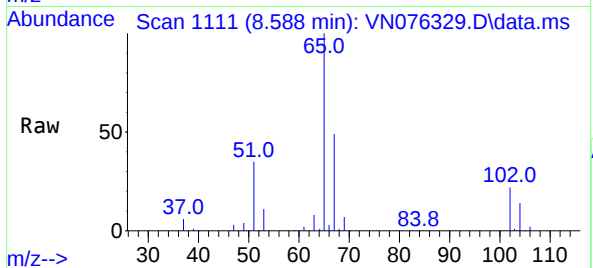




#33
1,2-Dichloroethane-d4
Concen: 45.710 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VN076329.D
Acq: 19 Jan 2023 17:43

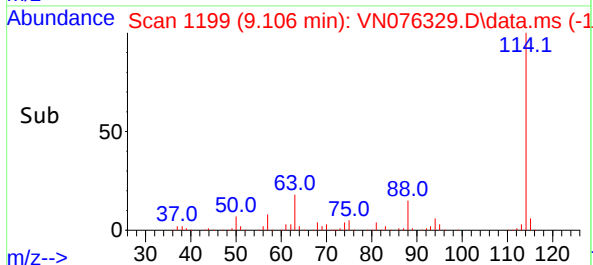
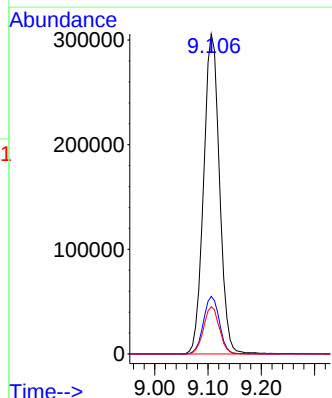
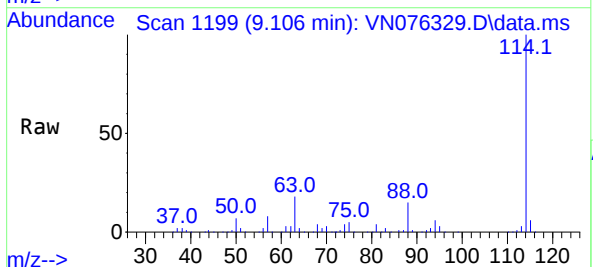
Instrument :
MSVOA_N
ClientSampleId :
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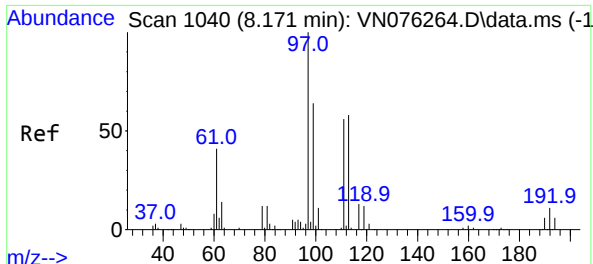
Tgt Ion: 65 Resp: 208505
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076329.D
Acq: 19 Jan 2023 17:43

Tgt Ion: 114 Resp: 633018
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.8
88 14.8 0.0 28.0

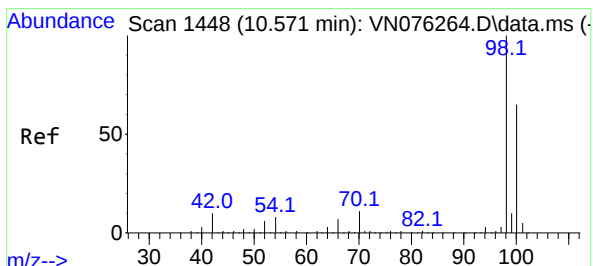
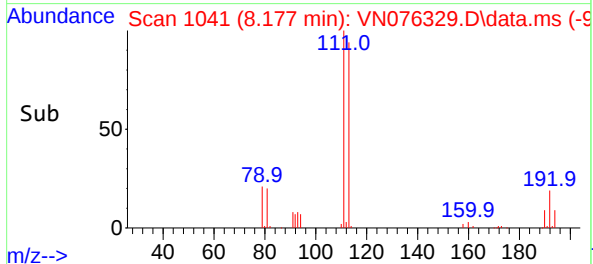
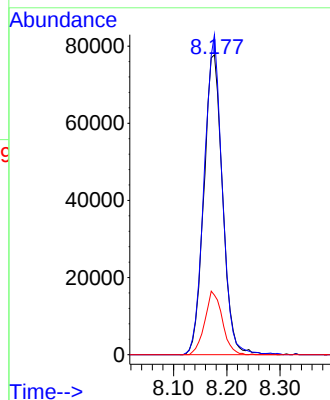
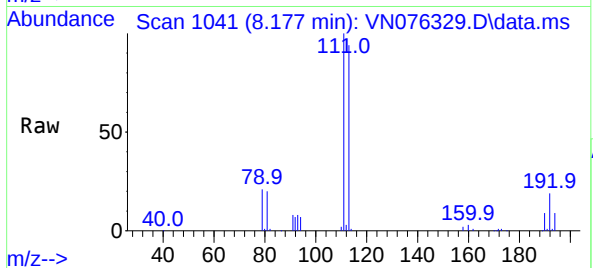




#35
Dibromofluoromethane
Concen: 47.838 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076329.D
Acq: 19 Jan 2023 17:43

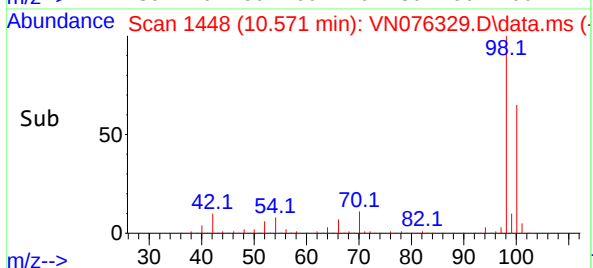
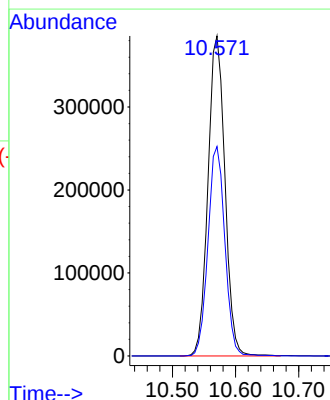
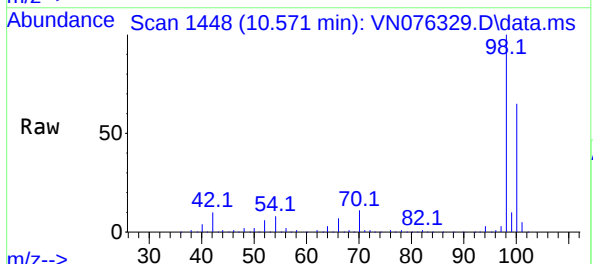
Instrument :
MSVOA_N
ClientSampleId :
MW-11-0118

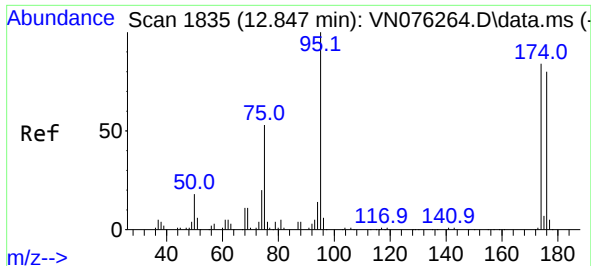
Tgt Ion:113 Resp: 189429
Ion Ratio Lower Upper
113 100
111 102.6 82.7 124.1
192 19.8 15.6 23.4



#50
Toluene-d8
Concen: 49.099 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076329.D
Acq: 19 Jan 2023 17:43

Tgt Ion: 98 Resp: 718018
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

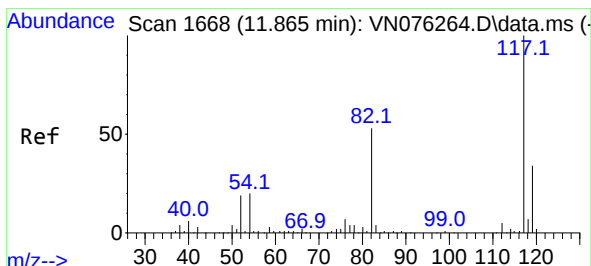
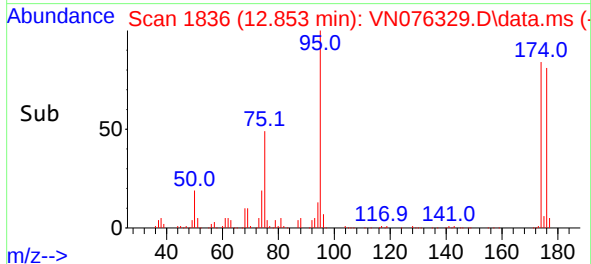
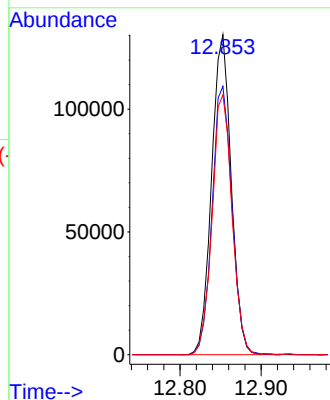
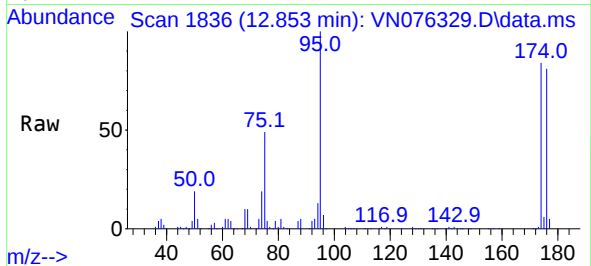




#62
4-Bromofluorobenzene
Concen: 45.747 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076329.D
Acq: 19 Jan 2023 17:43

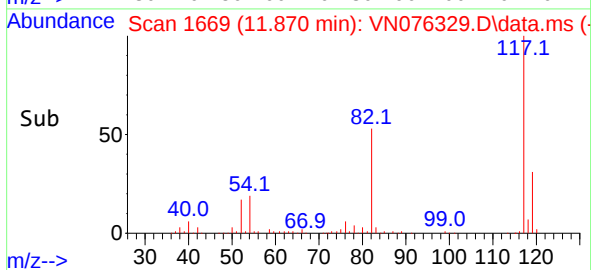
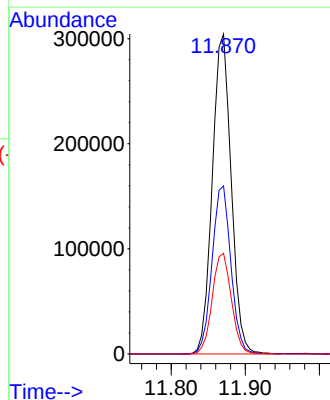
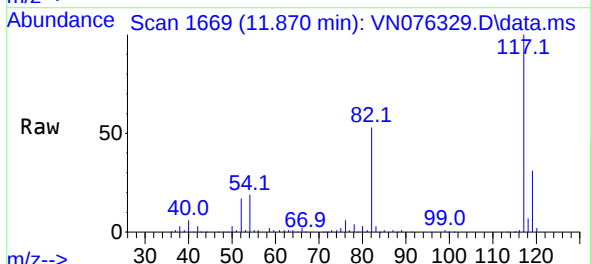
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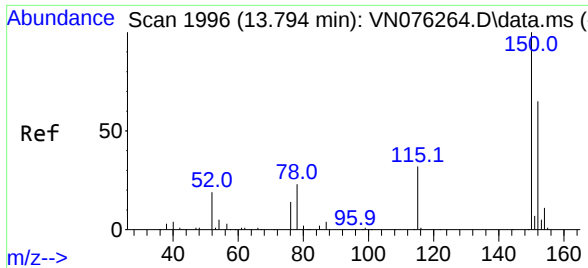
Tgt Ion: 95 Resp: 218398
Ion Ratio Lower Upper
95 100
174 85.3 0.0 174.6
176 82.5 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076329.D
Acq: 19 Jan 2023 17:43

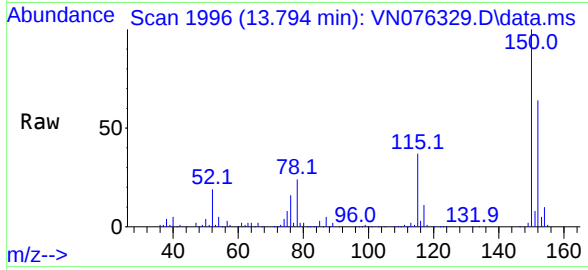
Tgt Ion: 117 Resp: 538613
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 31.5 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076329.D
 Acq: 19 Jan 2023 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11-0118



Tgt Ion:152 Resp: 215767

Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.6	88.9
150	156.3	0.0	351.4

