

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069088.D
 Acq On : 06 May 2021 21:23
 Operator : VA/SY
 Sample : M2279-04
 Misc : 6.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-15

Quant Time: May 07 01:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

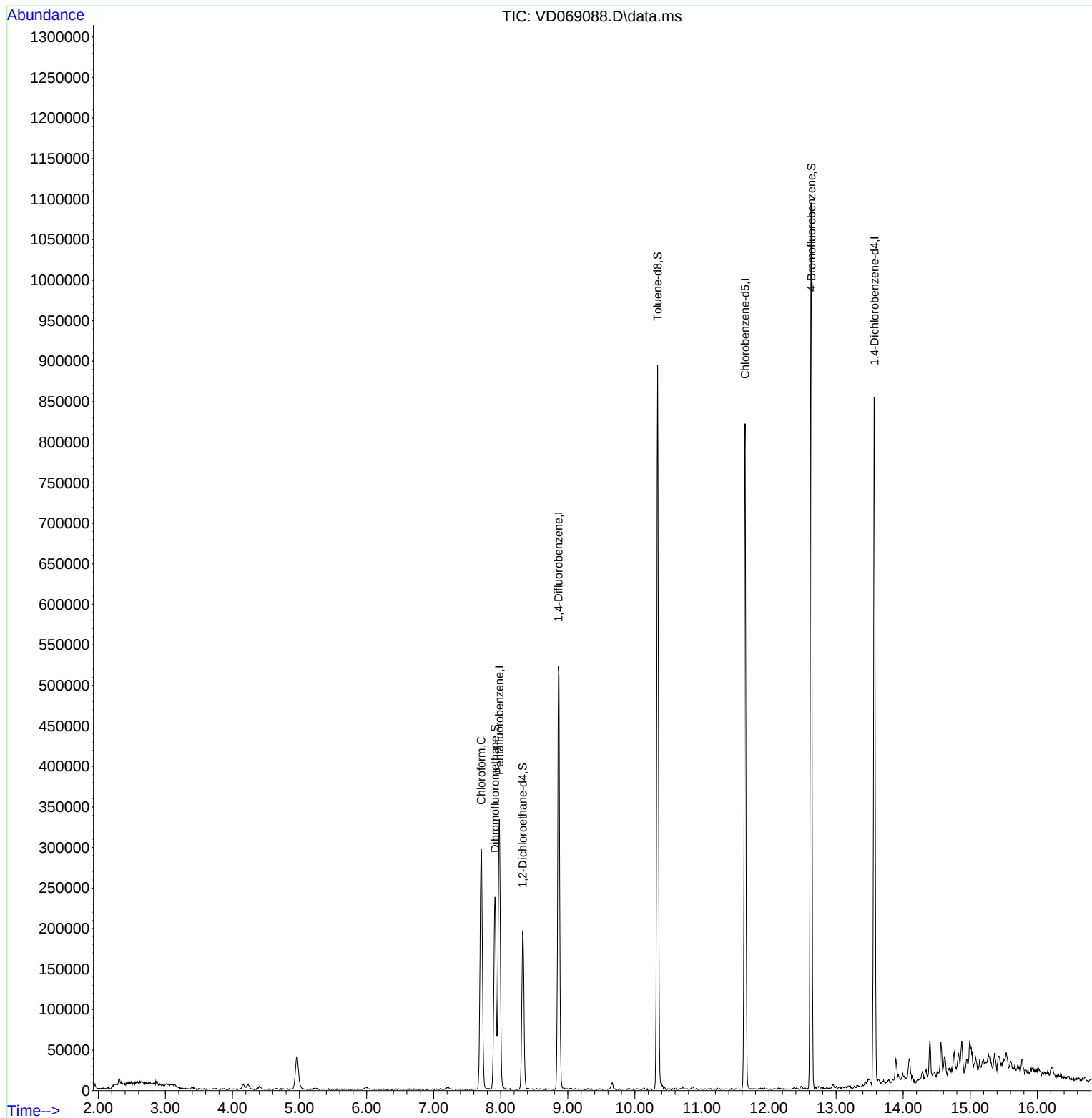
Internal Standards						
1) Pentafluorobenzene	7.979	168	247267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	460128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	491751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	227134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159414	50.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.04%	
35) Dibromofluoromethane	7.914	113	166668	52.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.64%	
50) Toluene-d8	10.338	98	595700	51.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.28%	
62) 4-Bromofluorobenzene	12.632	95	223141	58.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.48%	
Target Compounds						
30) Chloroform	7.709	83	294112	49.95	ug/l	Qvalue 98

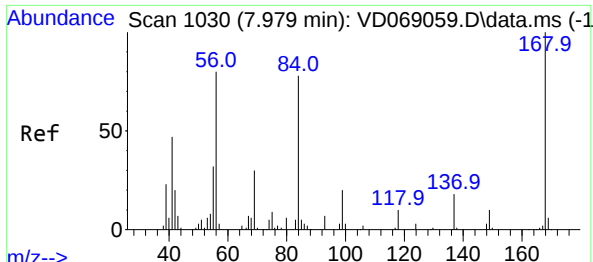
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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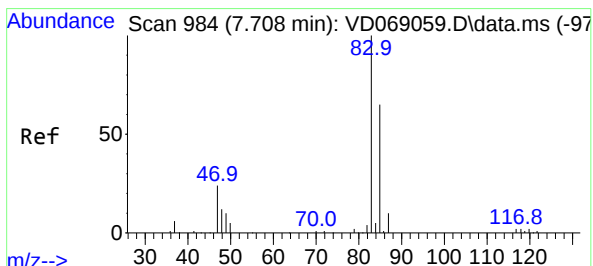
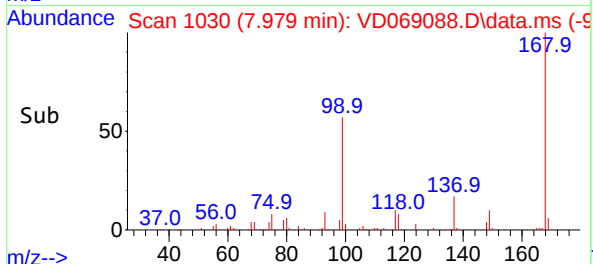
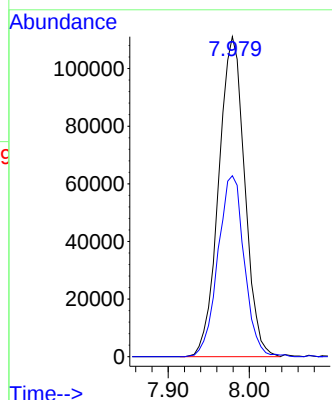
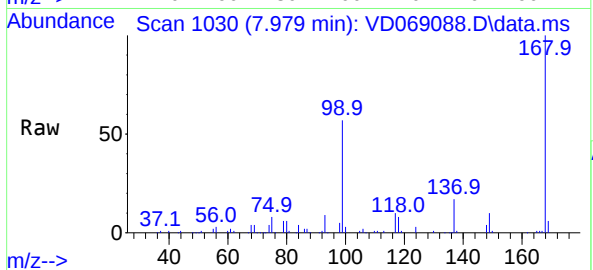




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069088.D
Acq: 06 May 2021 21:23

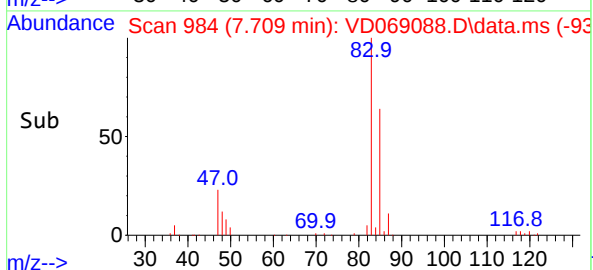
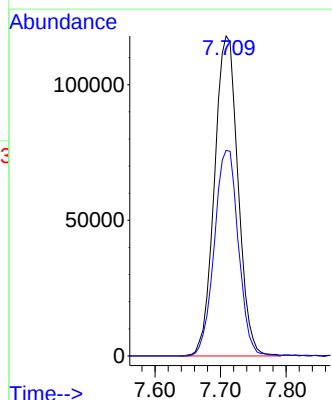
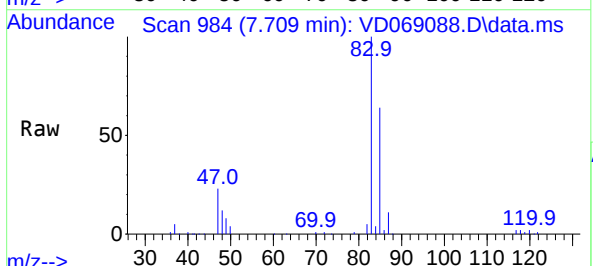
Instrument :
MSVOA_D
ClientSampled :
EME-15

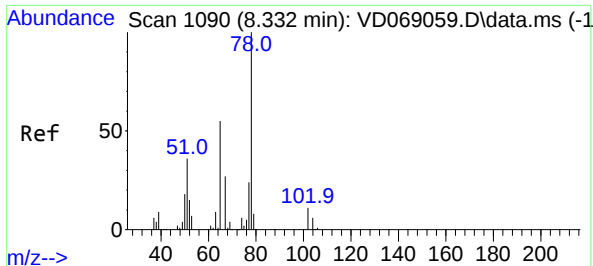
Tgt Ion:168 Resp: 247267
Ion Ratio Lower Upper
168 100
99 56.6 52.6 78.8



#30
Chloroform
Concen: 49.95 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069088.D
Acq: 06 May 2021 21:23

Tgt Ion: 83 Resp: 294112
Ion Ratio Lower Upper
83 100
85 64.2 52.4 78.6

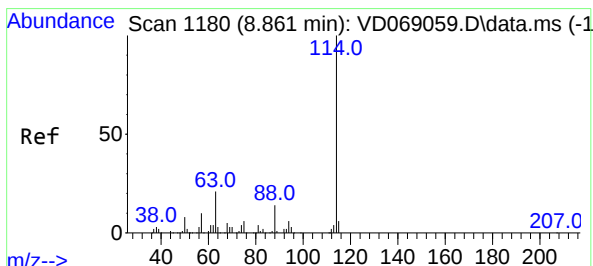
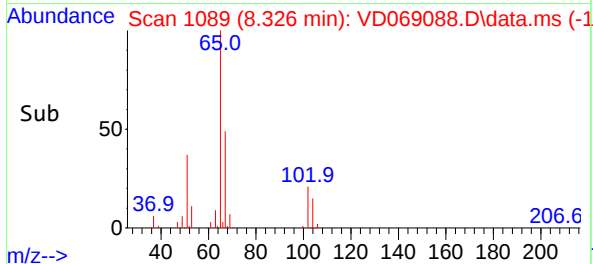
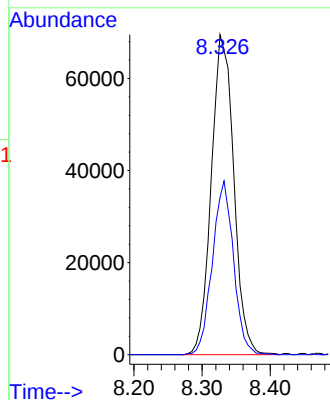
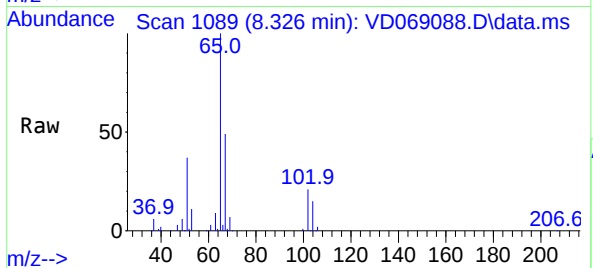




#33
1,2-Dichloroethane-d4
Concen: 50.02 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069088.D
Acq: 06 May 2021 21:23

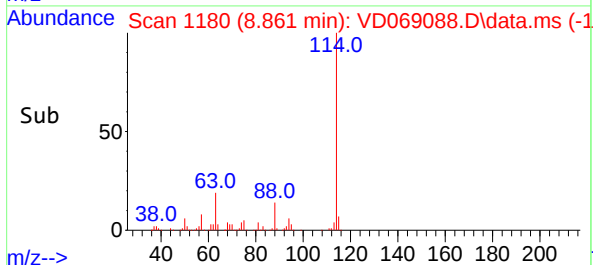
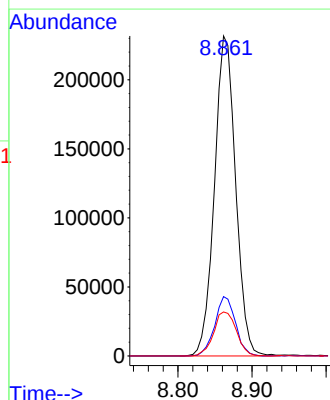
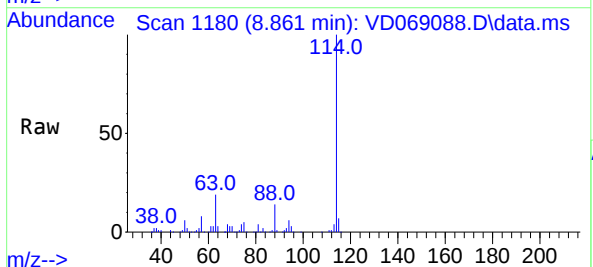
Instrument :
MSVOA_D
ClientSampled :
EME-15

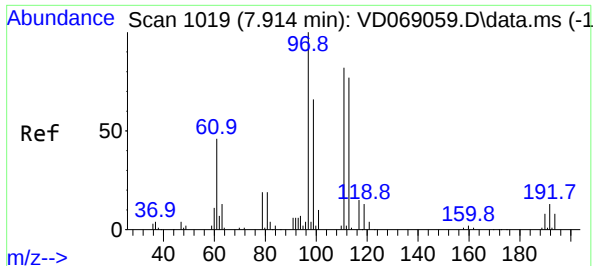
Tgt Ion: 65 Resp: 159414
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069088.D
Acq: 06 May 2021 21:23

Tgt Ion: 114 Resp: 460128
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.4
88 13.8 0.0 27.8

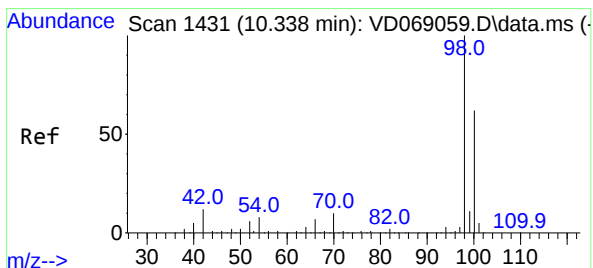
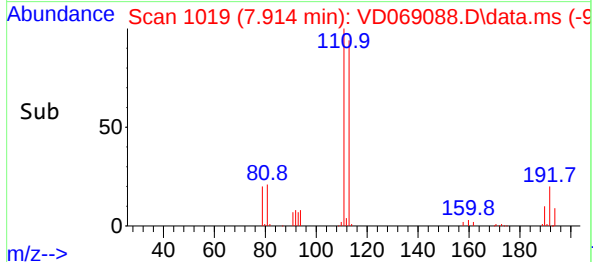
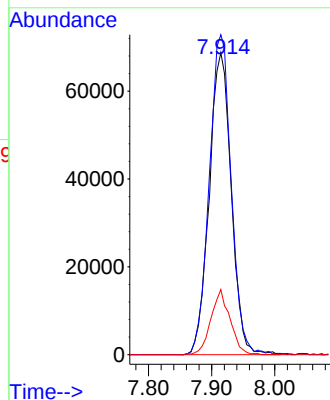
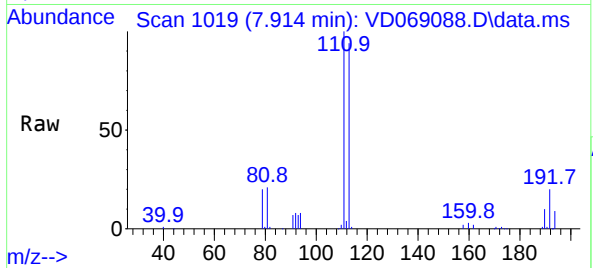




#35
Dibromofluoromethane
Concen: 52.82 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069088.D
Acq: 06 May 2021 21:23

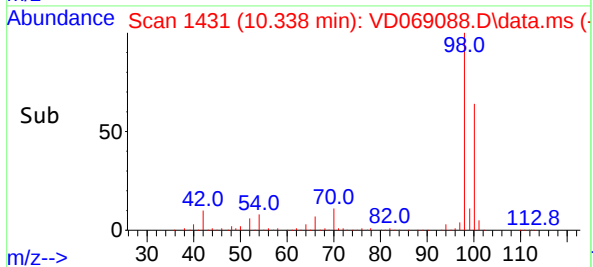
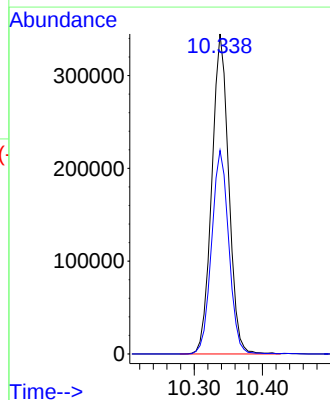
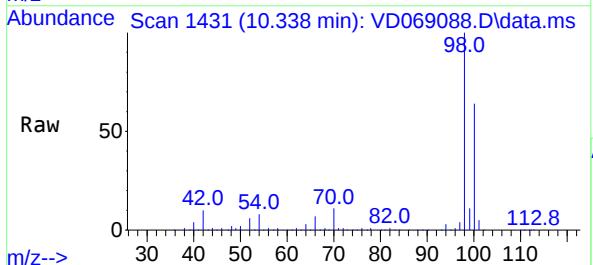
Instrument :
MSVOA_D
ClientSampled :
EME-15

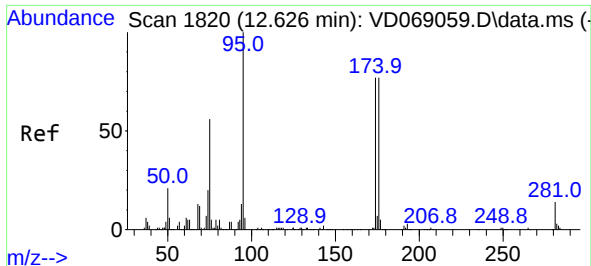
Tgt Ion:113 Resp: 166668
Ion Ratio Lower Upper
113 100
111 105.6 84.6 126.8
192 18.8 13.5 20.3



#50
Toluene-d8
Concen: 51.14 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069088.D
Acq: 06 May 2021 21:23

Tgt Ion: 98 Resp: 595700
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

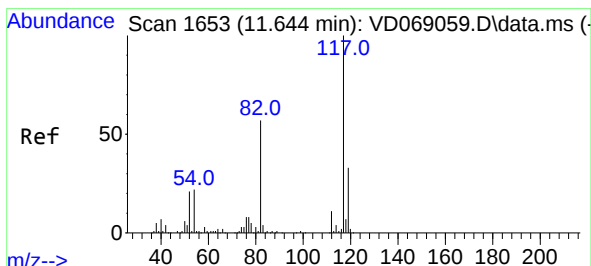
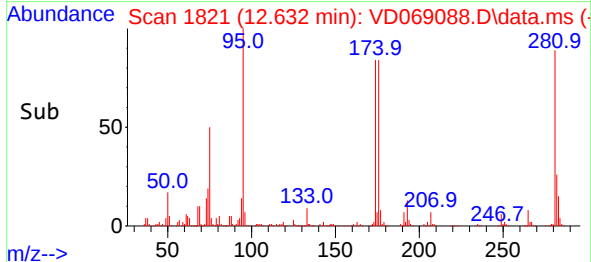
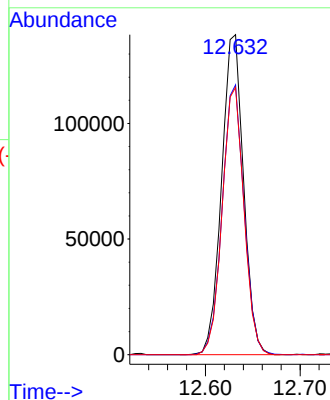
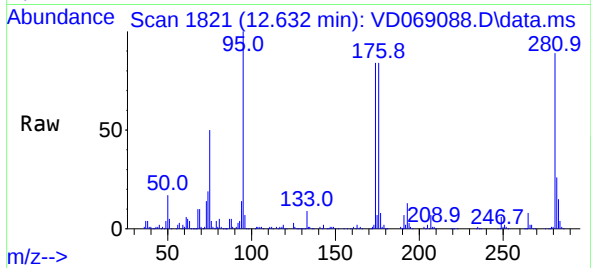




#62
4-Bromofluorobenzene
Concen: 58.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069088.D
Acq: 06 May 2021 21:23

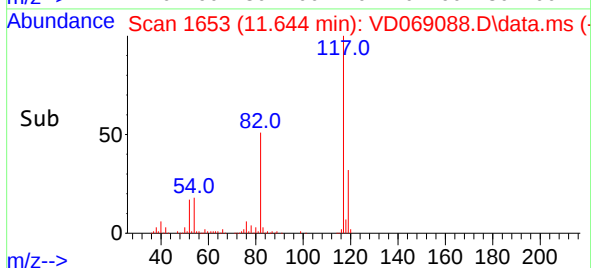
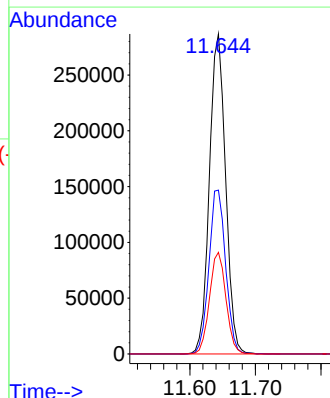
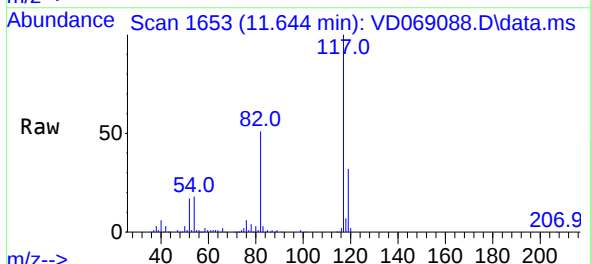
Instrument :
MSVOA_D
ClientSampled :
EME-15

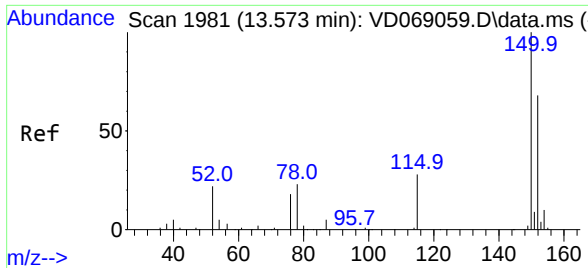
Tgt Ion: 95 Resp: 223141
Ion Ratio Lower Upper
95 100
174 84.1 0.0 156.0
176 82.8 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069088.D
Acq: 06 May 2021 21:23

Tgt Ion:117 Resp: 491751
Ion Ratio Lower Upper
117 100
82 51.2 45.4 68.2
119 31.8 26.8 40.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069088.D
 Acq: 06 May 2021 21:23

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-15

Tgt Ion:152 Resp: 227134
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.5 91.5
 150 159.3 0.0 340.8

