

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069087.D
 Acq On : 06 May 2021 20:53
 Operator : VA/SY
 Sample : M2279-03
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-14

Quant Time: May 07 01:13:02 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)

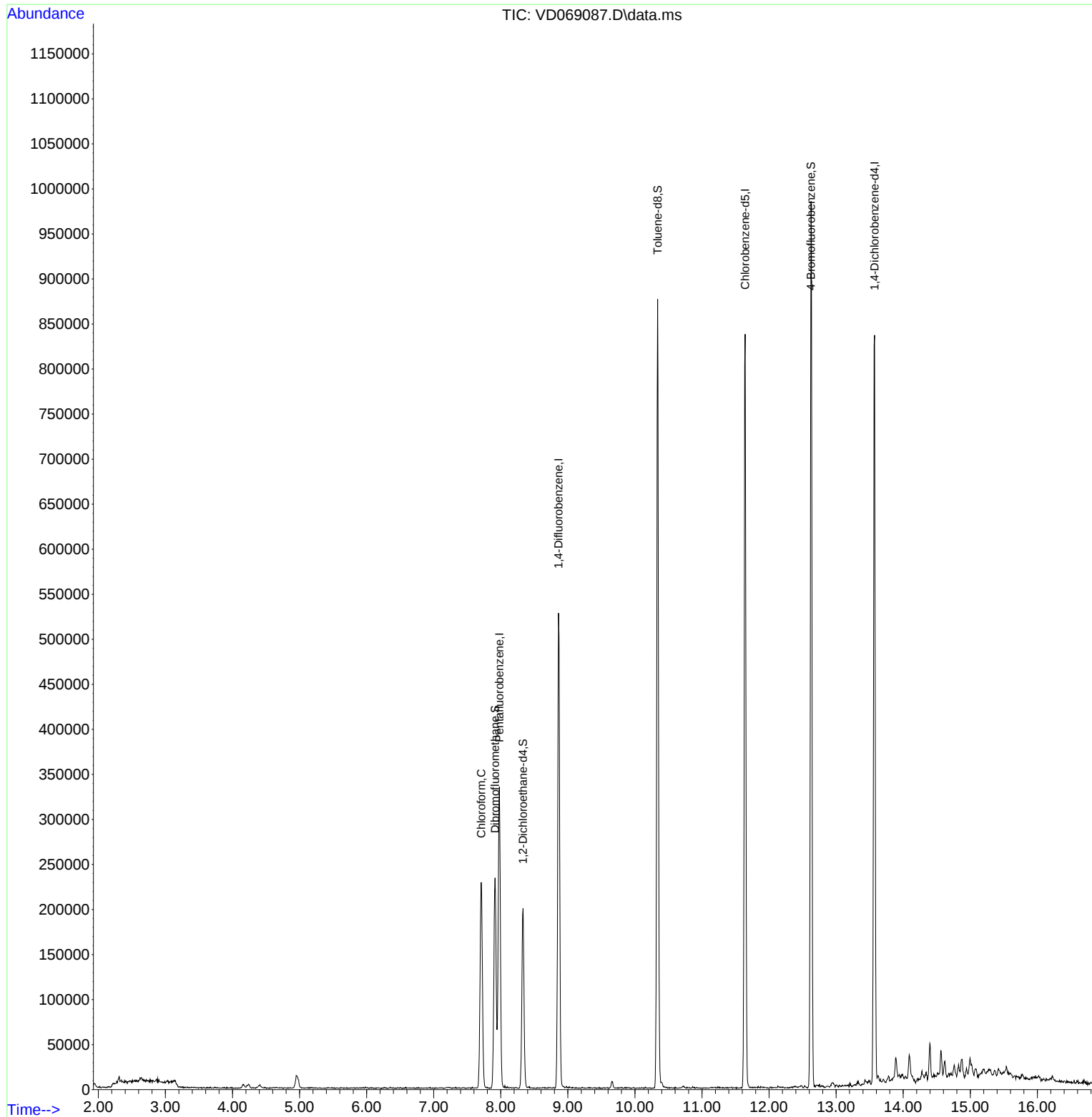
Internal Standards						
1) Pentafluorobenzene	7.979	168	246651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	462326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	501355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	222929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158397	49.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.66%
35) Dibromofluoromethane	7.914	113	170215	53.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.38%
50) Toluene-d8	10.337	98	596890	51.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.00%
62) 4-Bromofluorobenzene	12.625	95	220858	57.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.74%
Target Compounds						
30) Chloroform	7.708	83	221254	37.67	ug/l	Qvalue 99

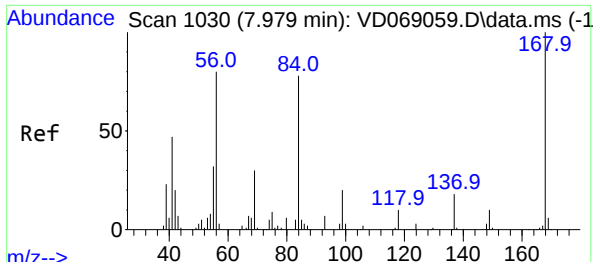
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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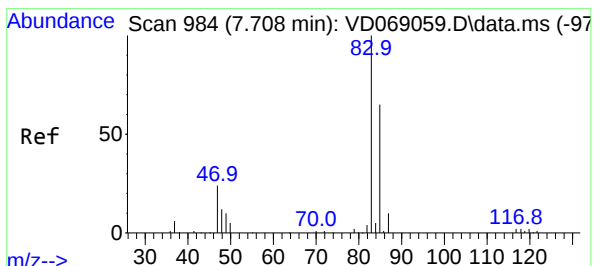
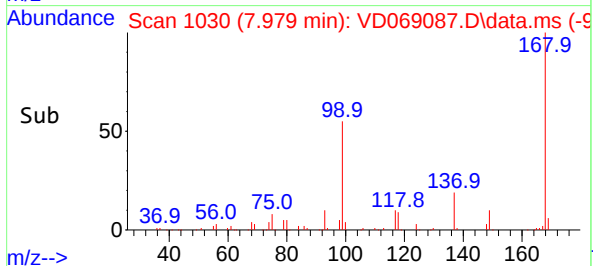
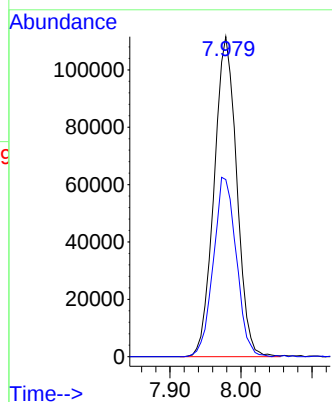
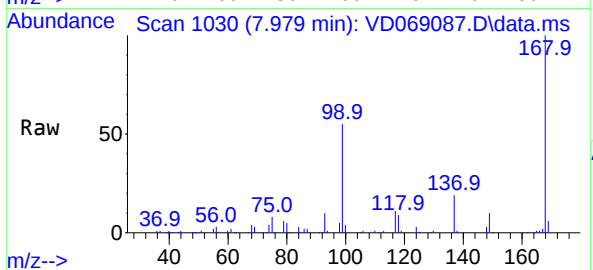




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

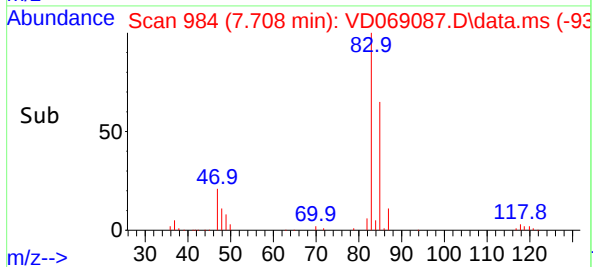
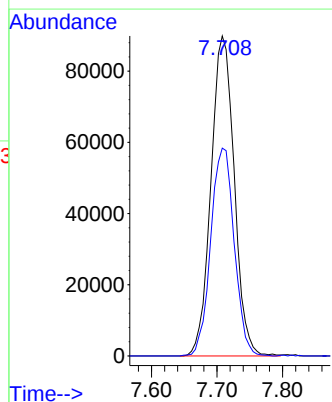
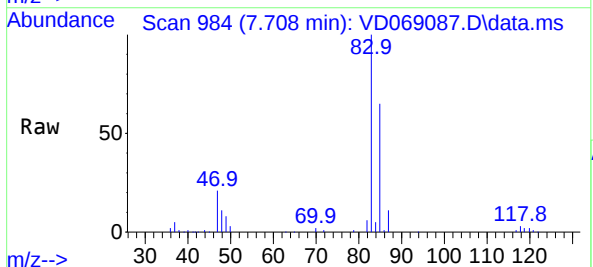
Instrument :
MSVOA_D
ClientSampleId :
EME-14

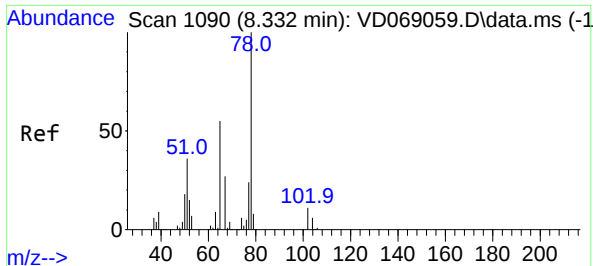
Tgt Ion:168 Resp: 246651
Ion Ratio Lower Upper
168 100
99 55.3 52.6 78.8



#30
Chloroform
Concen: 37.67 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

Tgt Ion: 83 Resp: 221254
Ion Ratio Lower Upper
83 100
85 64.9 52.4 78.6

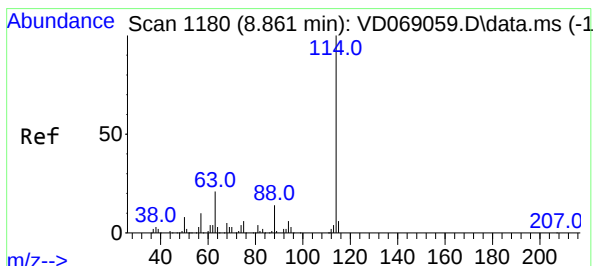
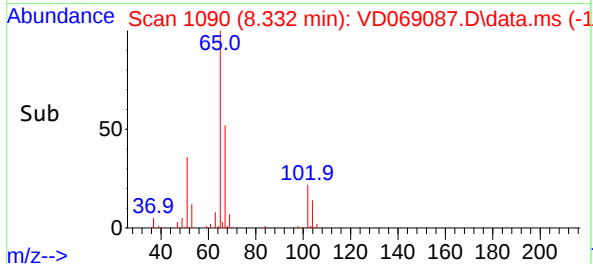
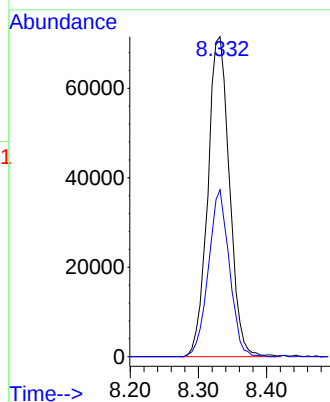
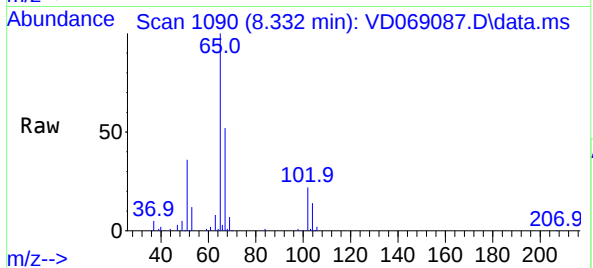




#33
1,2-Dichloroethane-d4
Concen: 49.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

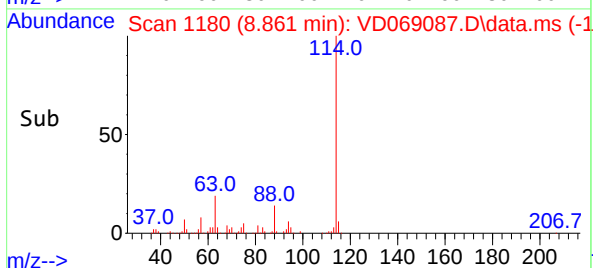
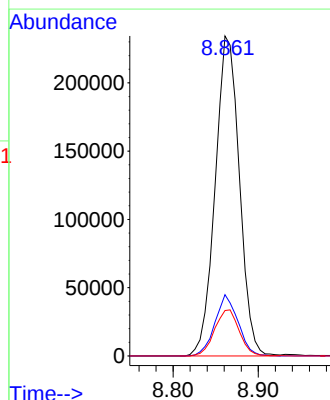
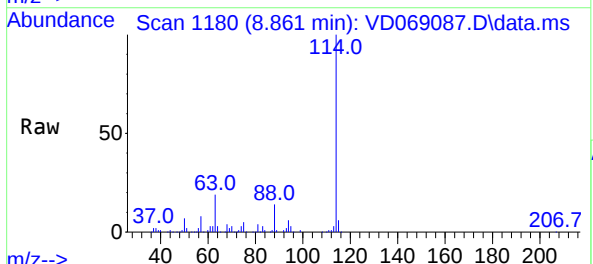
Instrument :
MSVOA_D
ClientSampled :
EME-14

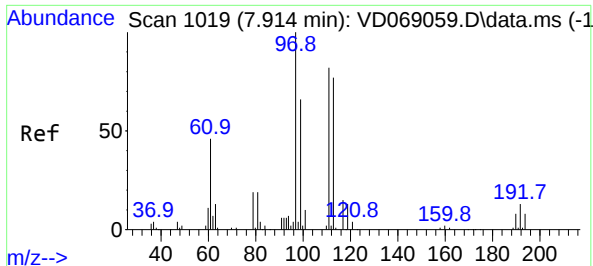
Tgt Ion: 65 Resp: 158397
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

Tgt Ion: 114 Resp: 462326
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.4
88 14.2 0.0 27.8

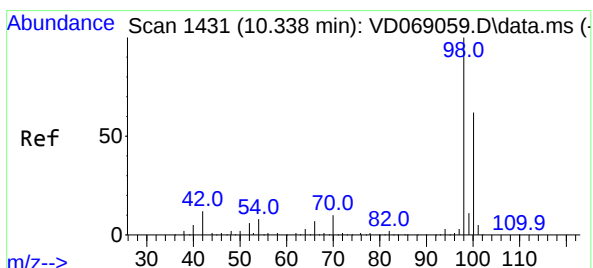
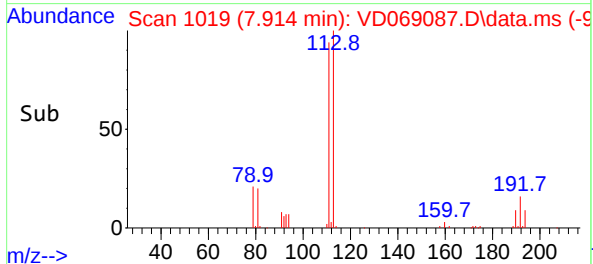
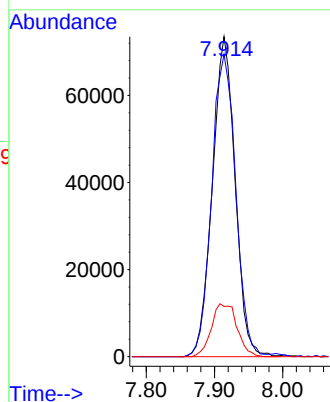
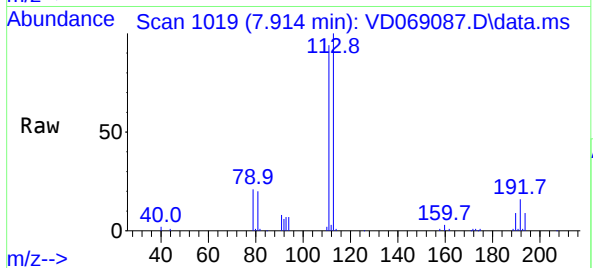




#35
Dibromofluoromethane
Concen: 53.69 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

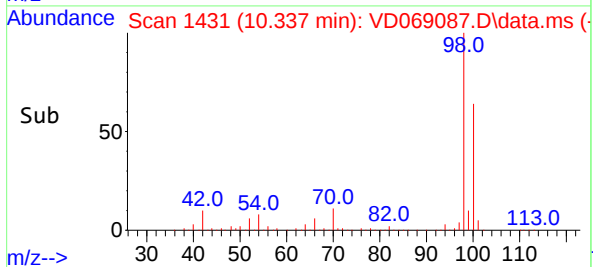
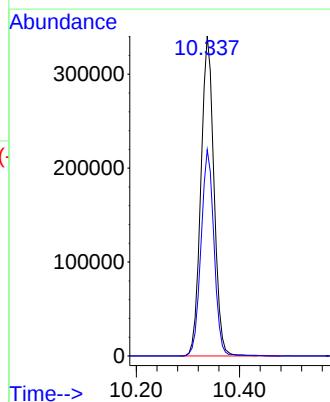
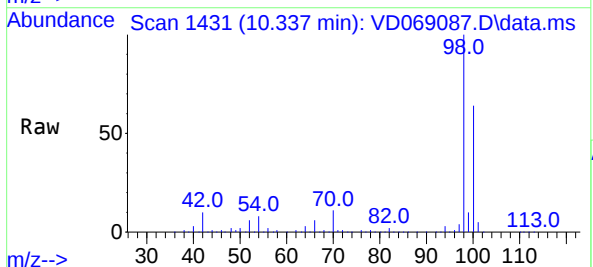
Instrument :
MSVOA_D
ClientSampled :
EME-14

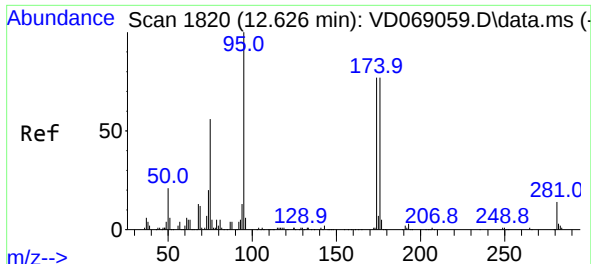
Tgt Ion:113 Resp: 170215
Ion Ratio Lower Upper
113 100
111 100.0 84.6 126.8
192 18.6 13.5 20.3



#50
Toluene-d8
Concen: 51.00 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

Tgt Ion: 98 Resp: 596890
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

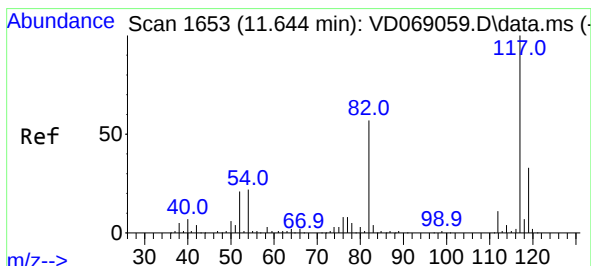
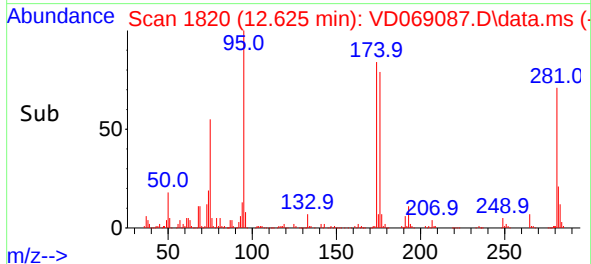
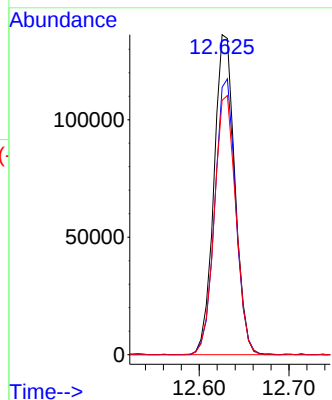
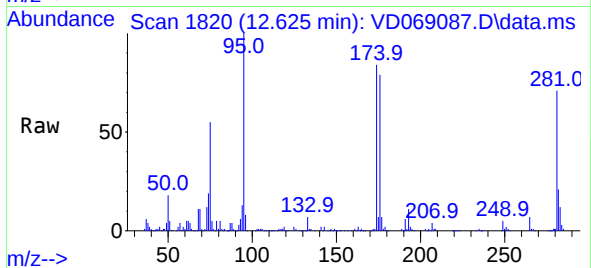




#62
4-Bromofluorobenzene
Concen: 57.37 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

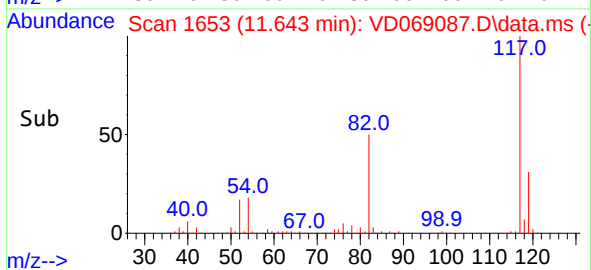
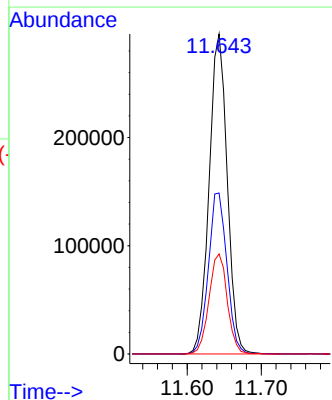
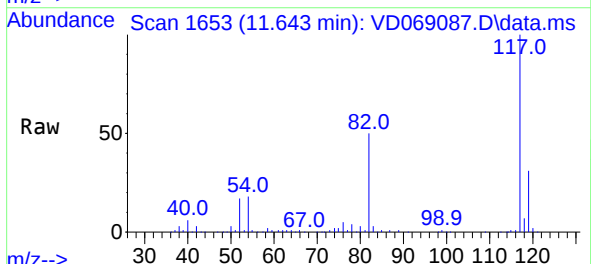
Instrument :
MSVOA_D
ClientSampled :
EME-14

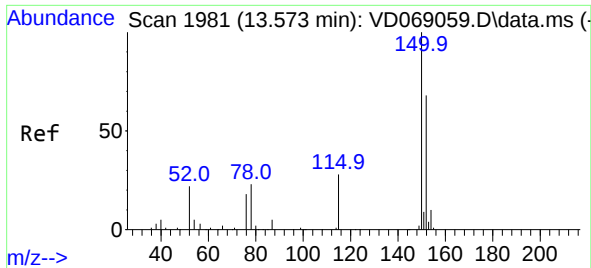
Tgt Ion: 95 Resp: 220858
Ion Ratio Lower Upper
95 100
174 85.7 0.0 156.0
176 82.8 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

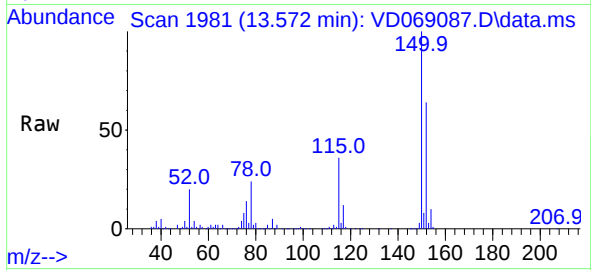
Tgt Ion: 117 Resp: 501355
Ion Ratio Lower Upper
117 100
82 50.3 45.4 68.2
119 31.3 26.8 40.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.572 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD069087.D
 Acq: 06 May 2021 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-14



Tgt Ion:152 Resp: 222929

Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.5	91.5
150	160.2	0.0	340.8

