

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069104.D
 Acq On : 07 May 2021 15:53
 Operator : VA/SY
 Sample : M2279-08
 Misc : 6.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-19

Quant Time: May 08 00:08:39 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)

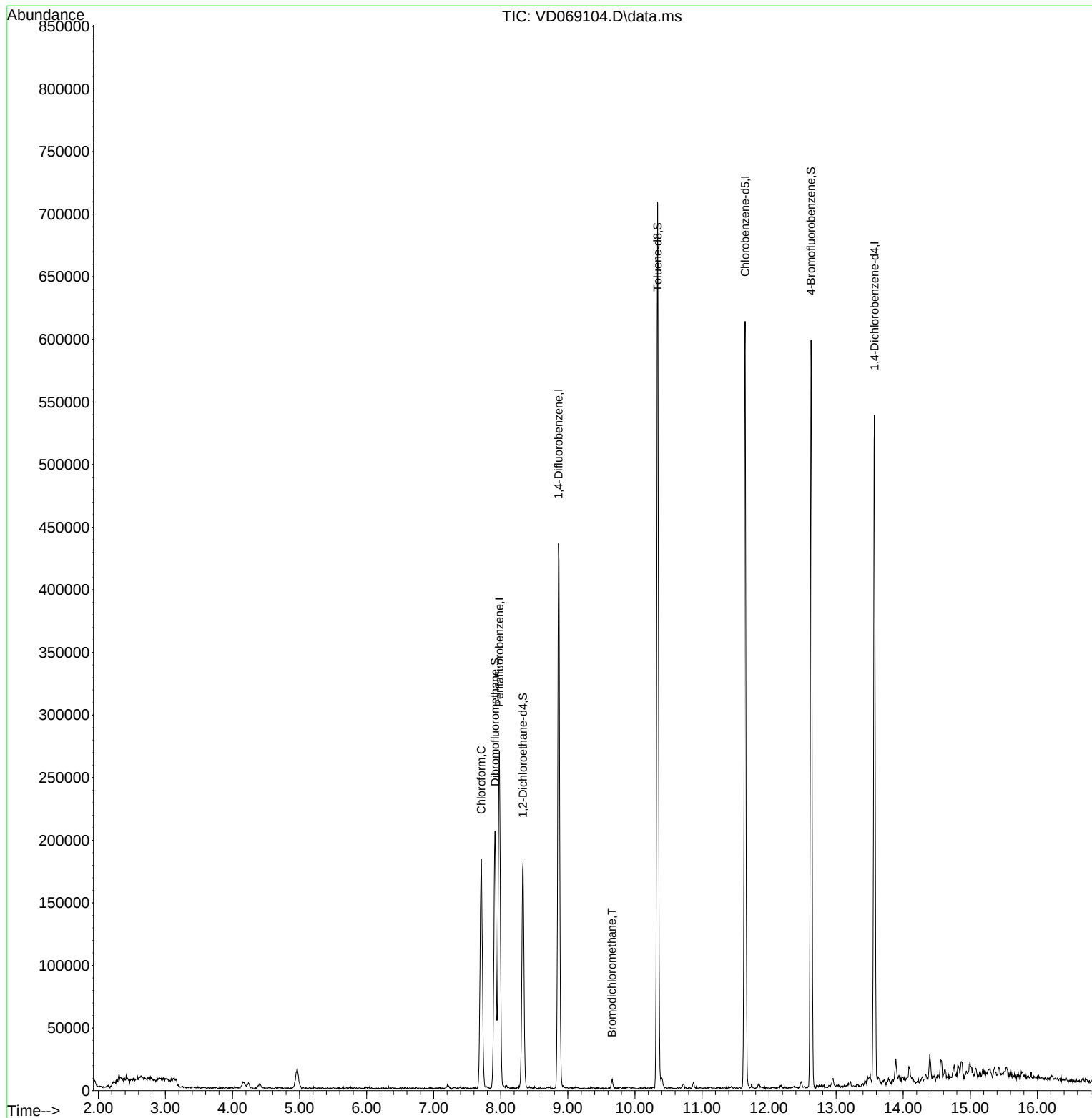
Internal Standards						
1) Pentafluorobenzene	7.979	168	197993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	385142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	365415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	140998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139973	54.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.70%
35) Dibromofluoromethane	7.914	113	146076	55.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.62%
50) Toluene-d8	10.338	98	478378	49.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.12%
62) 4-Bromofluorobenzene	12.626	95	142310	44.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.74%
Target Compounds						
30) Chloroform	7.708	83	175824	37.29	ug/l	97
47) Bromodichloromethane	9.655	83	4807	1.15	ug/l	86

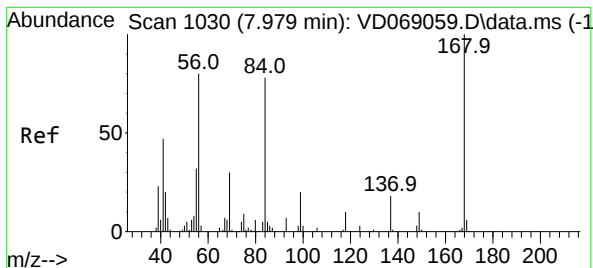
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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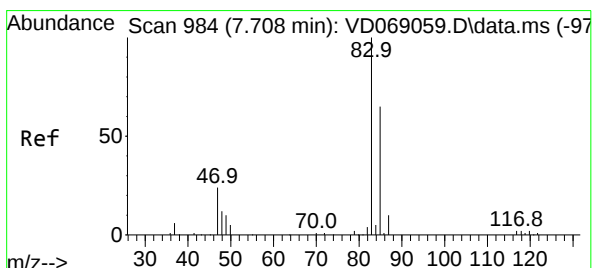
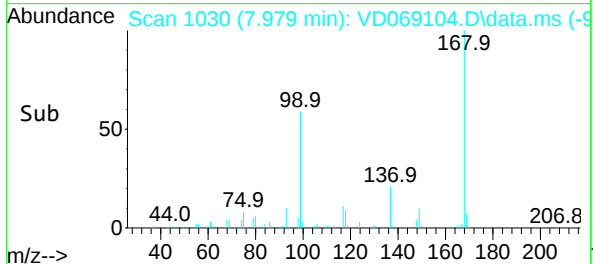
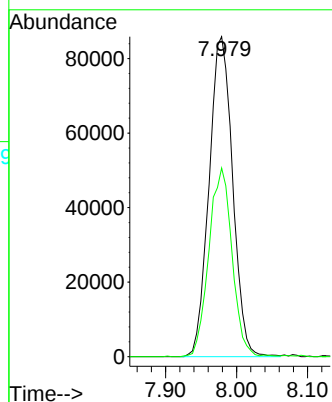
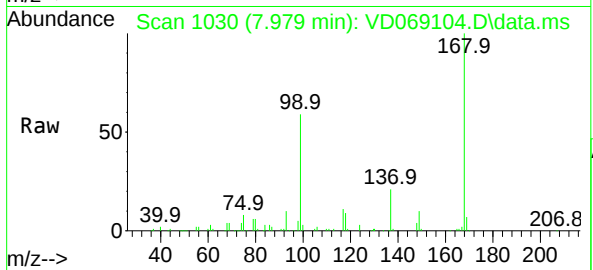




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069104.D
Acq: 07 May 2021 15:53

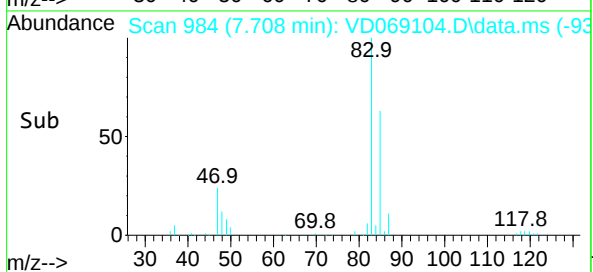
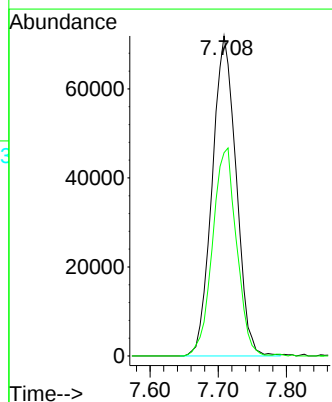
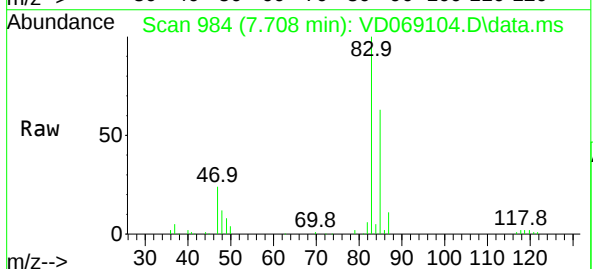
Instrument :
MSVOA_D
ClientSampleId :
EME-19

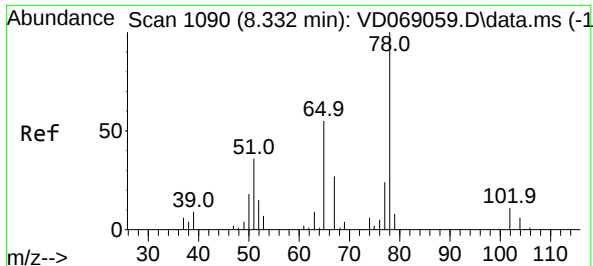
Tgt Ion:168 Resp: 197993
Ion Ratio Lower Upper
168 100
99 59.0 52.6 78.8



#30
Chloroform
Concen: 37.29 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069104.D
Acq: 07 May 2021 15:53

Tgt Ion: 83 Resp: 175824
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6

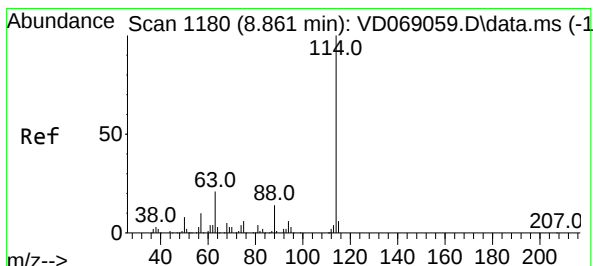
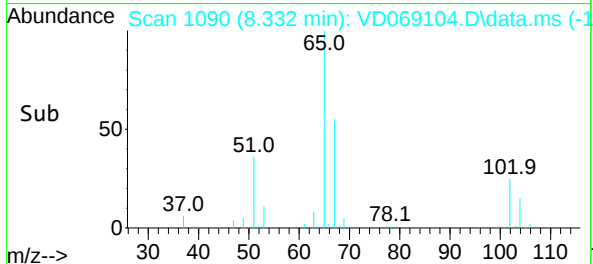
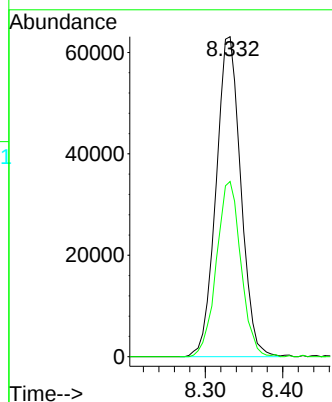
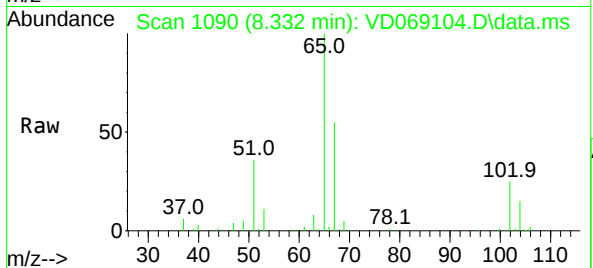




#33
1,2-Dichloroethane-d4
Concen: 54.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069104.D
Acq: 07 May 2021 15:53

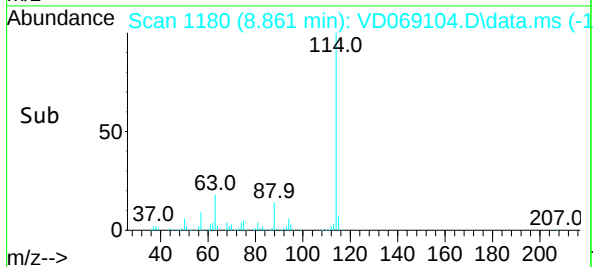
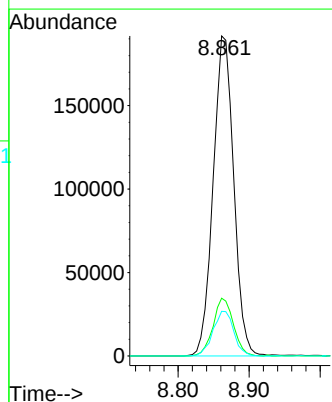
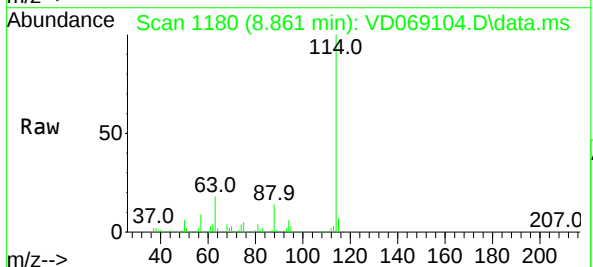
Instrument :
MSVOA_D
ClientSampled :
EME-19

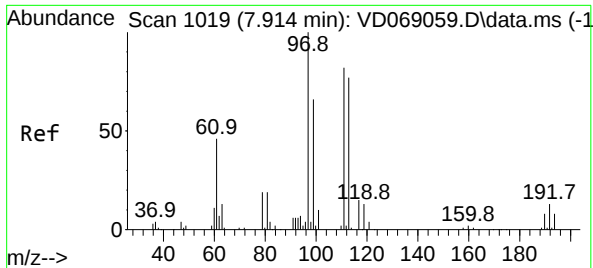
Tgt Ion: 65 Resp: 139973
Ion Ratio Lower Upper
65 100
67 54.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069104.D
Acq: 07 May 2021 15:53

Tgt Ion: 114 Resp: 385142
Ion Ratio Lower Upper
114 100
63 18.0 0.0 41.4
88 13.9 0.0 27.8

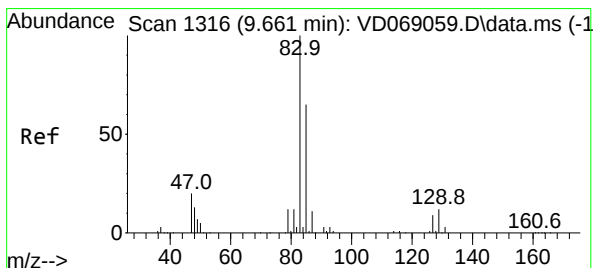
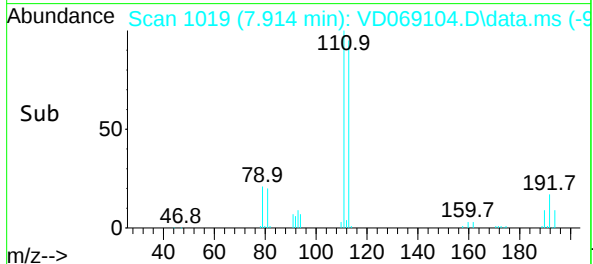
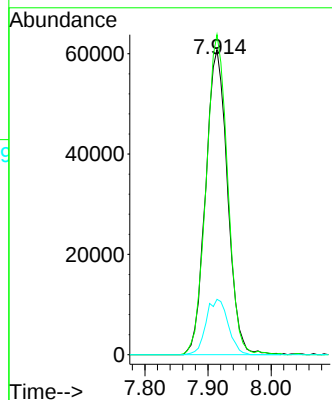
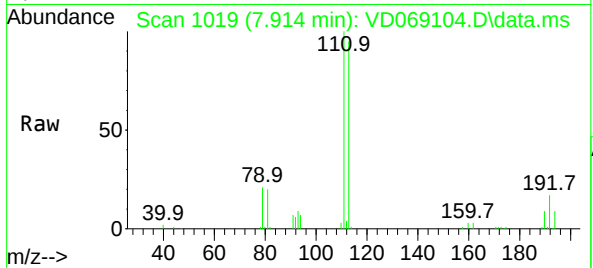




#35
Dibromofluoromethane
Concen: 55.31 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069104.D
Acq: 07 May 2021 15:53

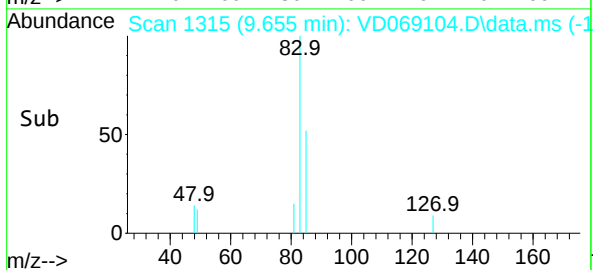
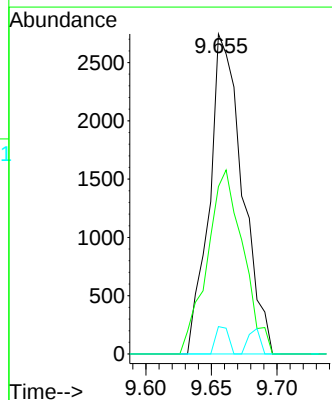
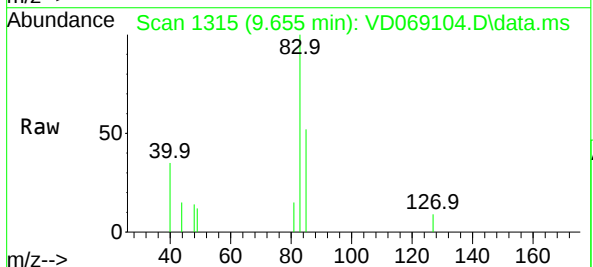
Instrument :
MSVOA_D
ClientSampleId :
EME-19

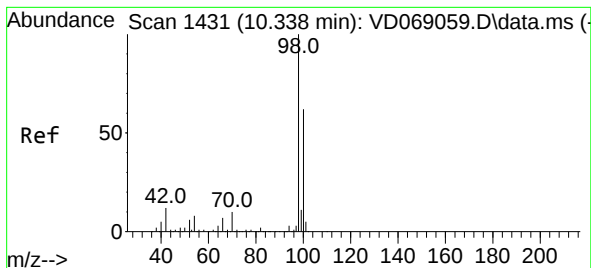
Tgt Ion:113 Resp: 146076
Ion Ratio Lower Upper
113 100
111 102.5 84.6 126.8
192 18.3 13.5 20.3



#47
Bromodichloromethane
Concen: 1.15 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD069104.D
Acq: 07 May 2021 15:53

Tgt Ion: 83 Resp: 4807
Ion Ratio Lower Upper
83 100
85 52.3 52.1 78.1
127 8.6 7.0 10.4

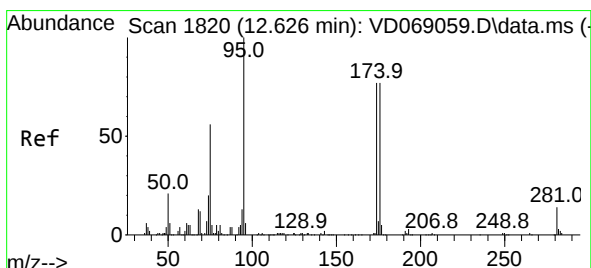
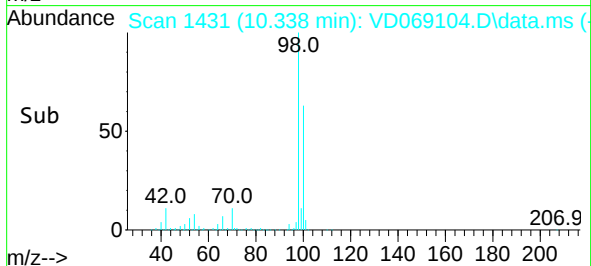
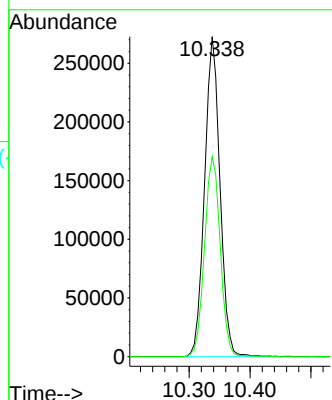
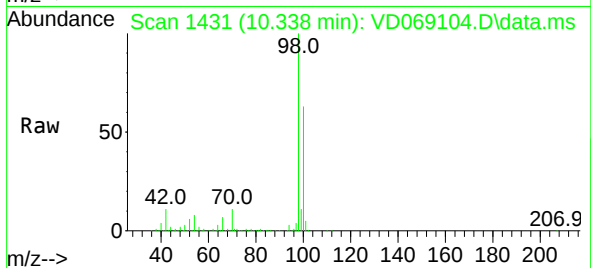




#50
Toluene-d8
Concen: 49.06 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069104.D
Acq: 07 May 2021 15:53

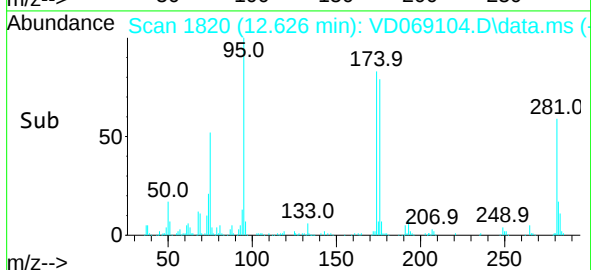
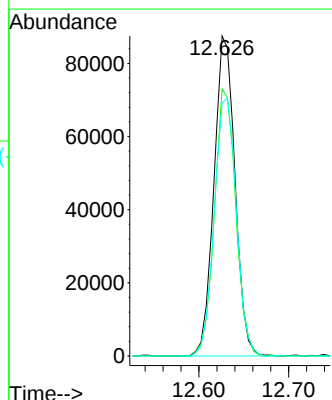
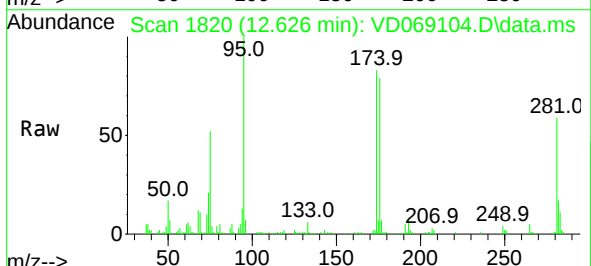
Instrument :
MSVOA_D
ClientSampleId :
EME-19

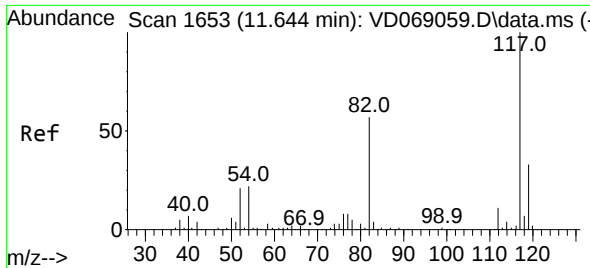
Tgt Ion: 98 Resp: 478378
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.37 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069104.D
Acq: 07 May 2021 15:53

Tgt Ion: 95 Resp: 142310
Ion Ratio Lower Upper
95 100
174 84.7 0.0 156.0
176 84.8 0.0 149.4

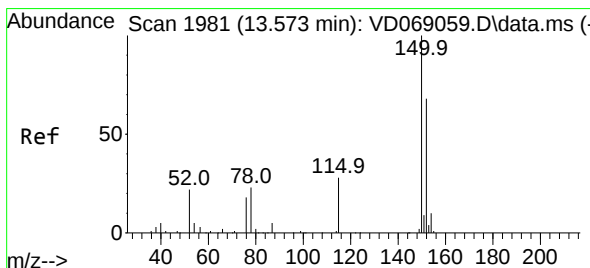
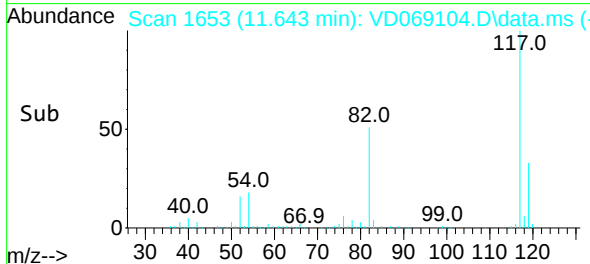
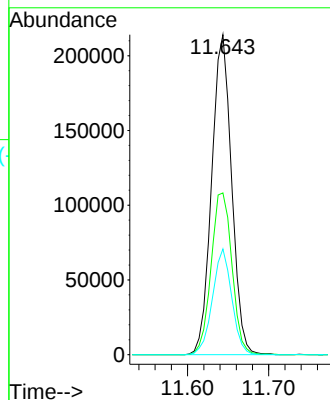
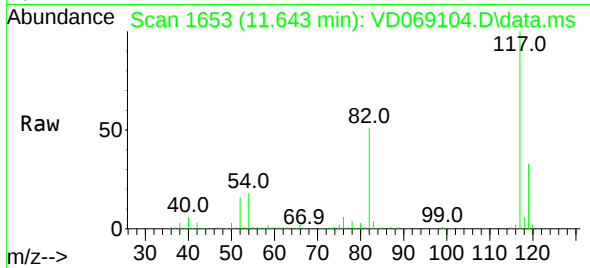




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069104.D
Acq: 07 May 2021 15:53

Instrument :
MSVOA_D
ClientSampleId :
EME-19

Tgt Ion:117 Resp: 365415
Ion Ratio Lower Upper
117 100
82 50.6 45.4 68.2
119 33.1 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: VD069104.D
Acq: 07 May 2021 15:53

Tgt Ion:152 Resp: 140998
Ion Ratio Lower Upper
152 100
115 59.8 30.5 91.5
150 160.4 0.0 340.8

