

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069086.D
 Acq On : 06 May 2021 20:24
 Operator : VA/SY
 Sample : M2279-02
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-13

Quant Time: May 07 01:12:44 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)

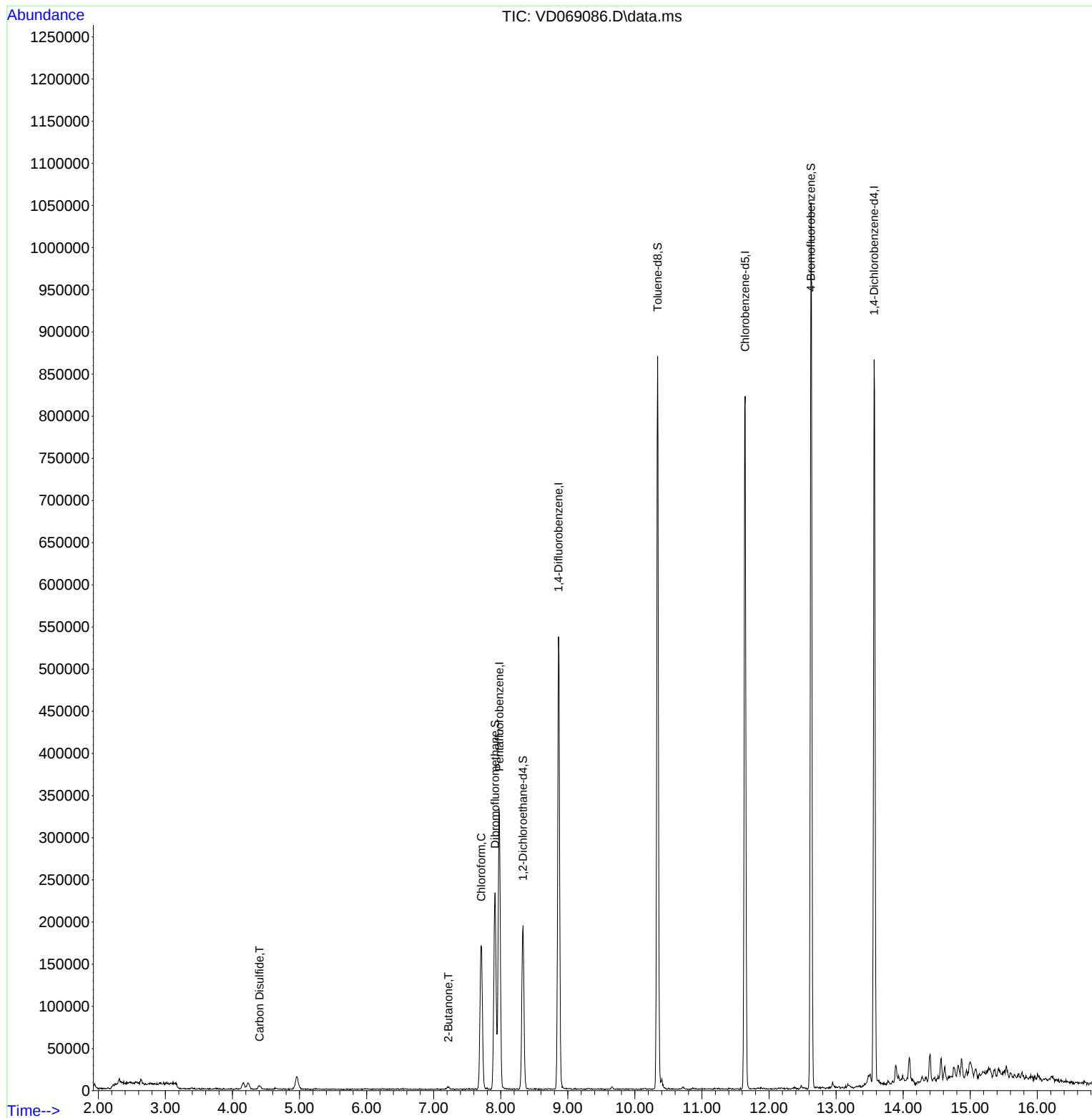
Internal Standards						
1) Pentafluorobenzene	7.979	168	246437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	465740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	492834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	236328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	157114	49.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.94%
35) Dibromofluoromethane	7.914	113	166597	52.16	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.32%
50) Toluene-d8	10.338	98	587938	49.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.72%
62) 4-Bromofluorobenzene	12.626	95	227965	58.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.56%
Target Compounds						
17) Carbon Disulfide	4.403	76	9364	1.07	ug/l #	92
25) 2-Butanone	7.220	43	3972	5.85	ug/l	97
30) Chloroform	7.709	83	173093	29.50	ug/l	96

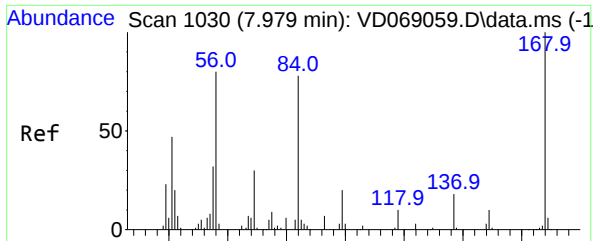
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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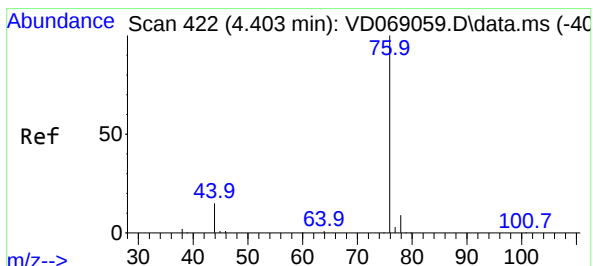
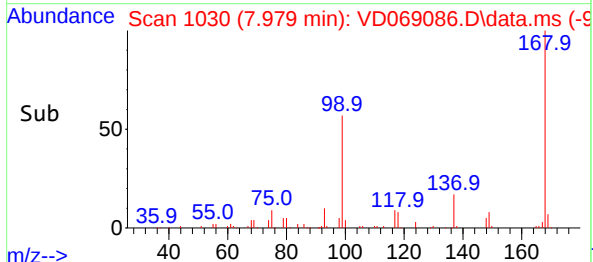
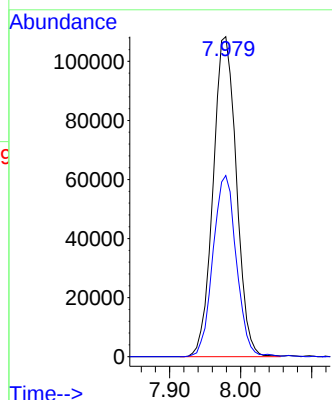
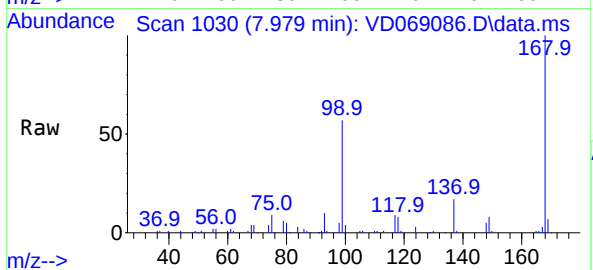




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

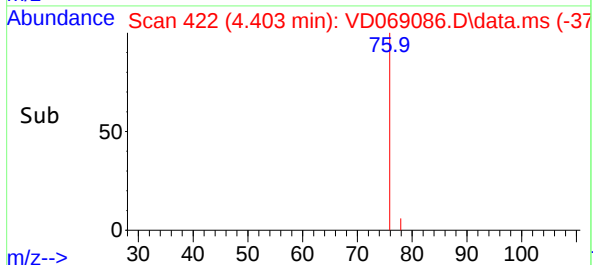
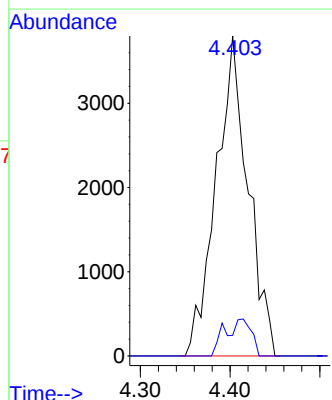
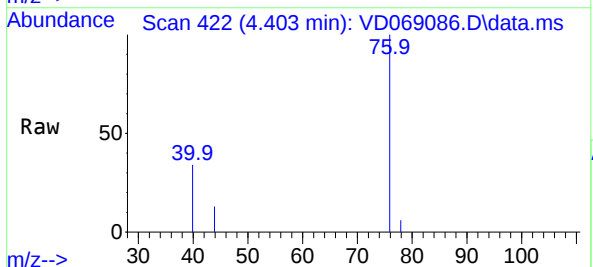
Instrument :
MSVOA_D
ClientSampled :
EME-13

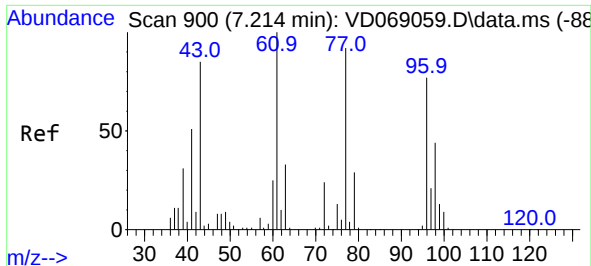
Tgt Ion:168 Resp: 246437
Ion Ratio Lower Upper
168 100
99 56.6 52.6 78.8



#17
Carbon Disulfide
Concen: 1.07 ug/l
RT: 4.403 min Scan# 422
Delta R.T. 0.000 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

Tgt Ion: 76 Resp: 9364
Ion Ratio Lower Upper
76 100
78 6.4 7.4 11.2#

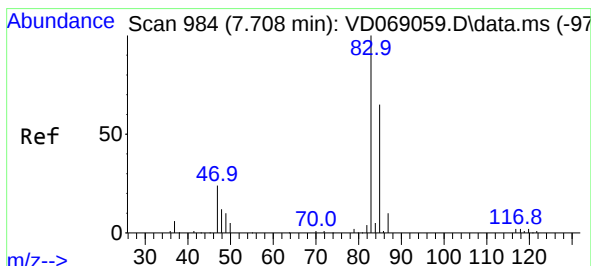
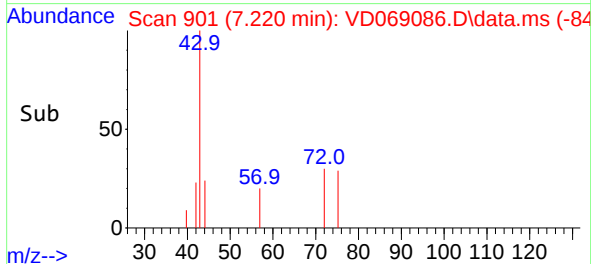
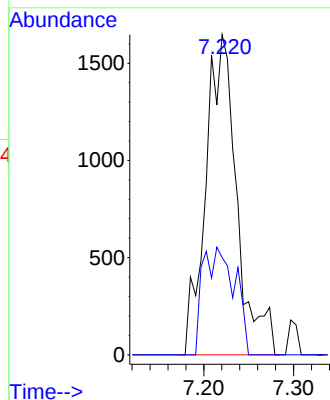
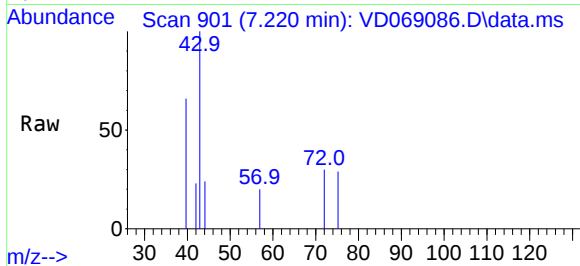




#25
2-Butanone
Concen: 5.85 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

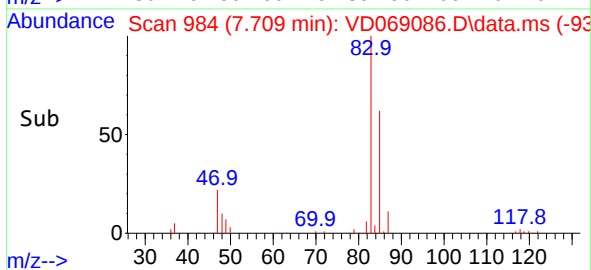
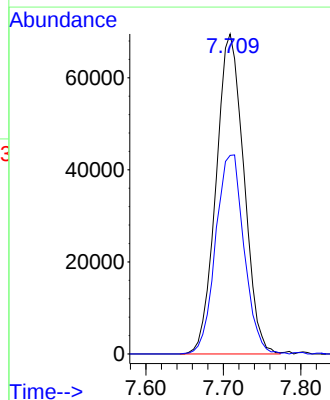
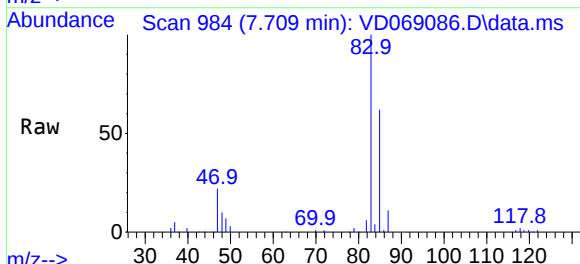
Instrument :
MSVOA_D
ClientSampled :
EME-13

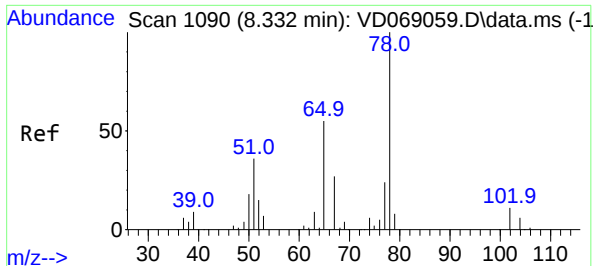
Tgt Ion: 43 Resp: 3972
Ion Ratio Lower Upper
43 100
72 30.4 23.0 34.4



#30
Chloroform
Concen: 29.50 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

Tgt Ion: 83 Resp: 173093
Ion Ratio Lower Upper
83 100
85 62.0 52.4 78.6

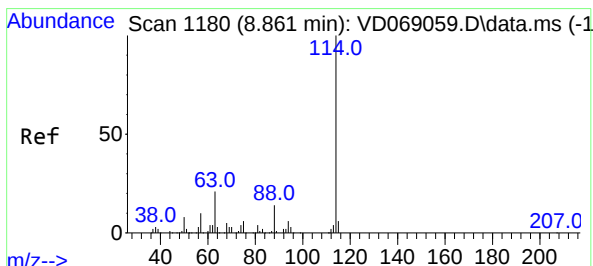
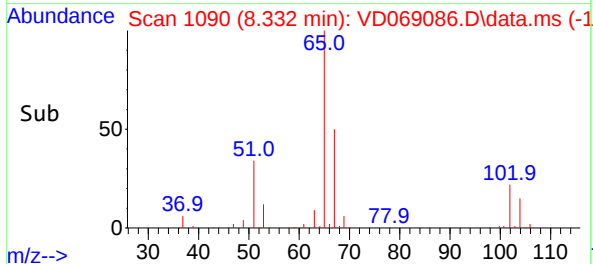
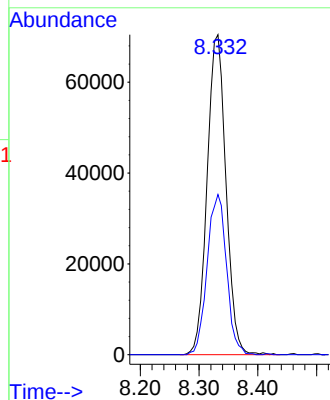
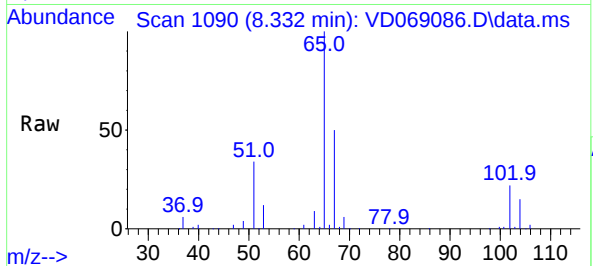




#33
1,2-Dichloroethane-d4
Concen: 49.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

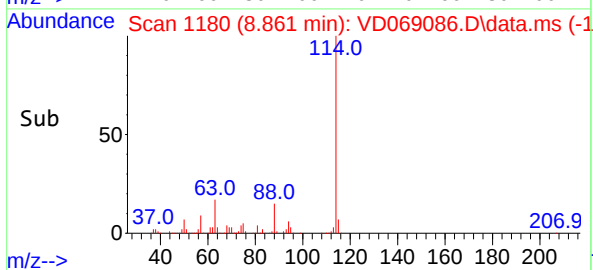
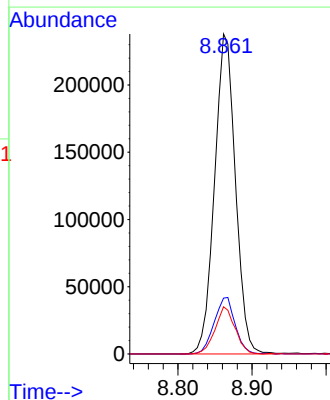
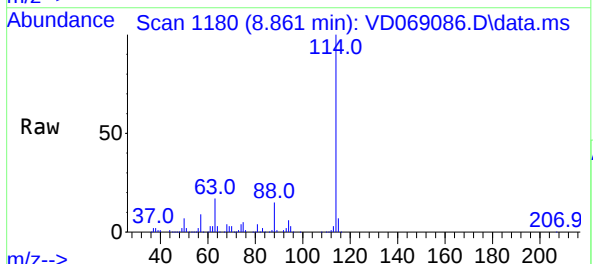
Instrument :
MSVOA_D
ClientSampled :
EME-13

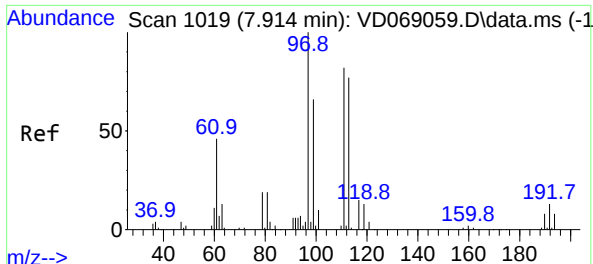
Tgt Ion: 65 Resp: 157114
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

Tgt Ion: 114 Resp: 465740
Ion Ratio Lower Upper
114 100
63 17.4 0.0 41.4
88 14.7 0.0 27.8

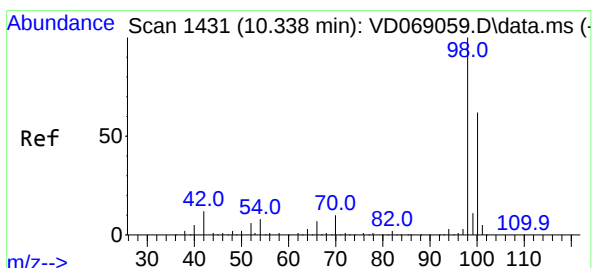
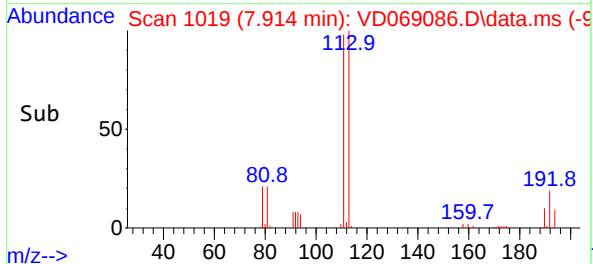
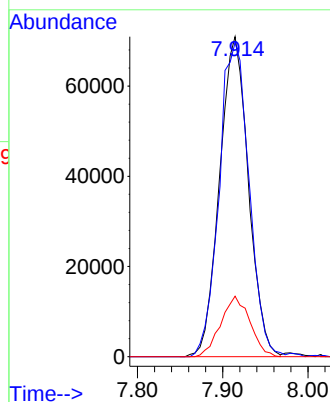
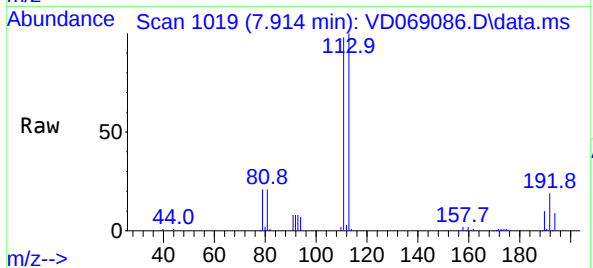




#35
Dibromofluoromethane
Concen: 52.16 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

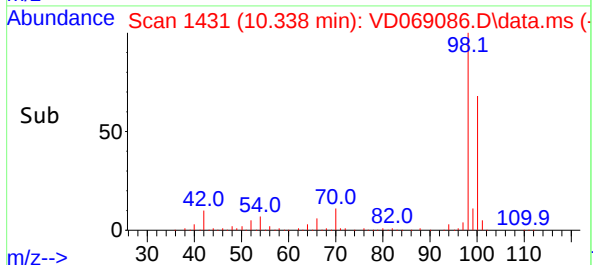
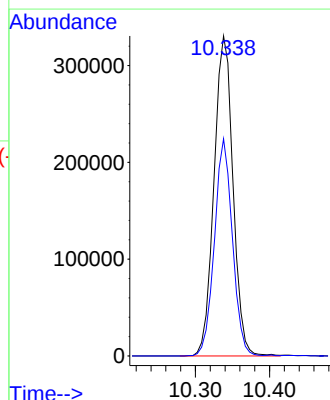
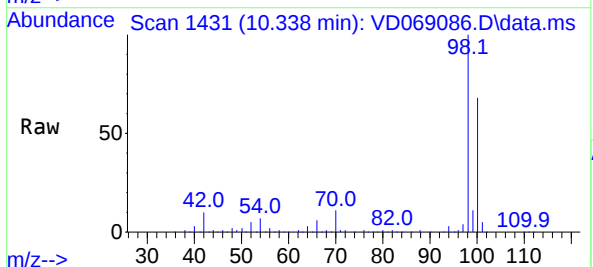
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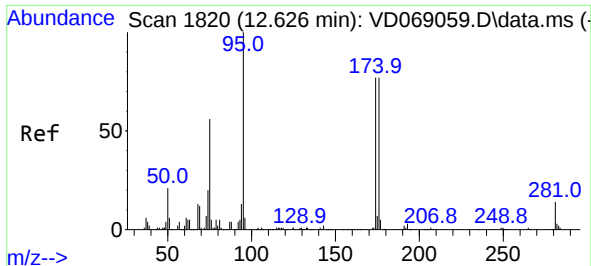
Tgt Ion:113 Resp: 166597
Ion Ratio Lower Upper
113 100
111 102.1 84.6 126.8
192 19.1 13.5 20.3



#50
Toluene-d8
Concen: 49.86 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

Tgt Ion: 98 Resp: 587938
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

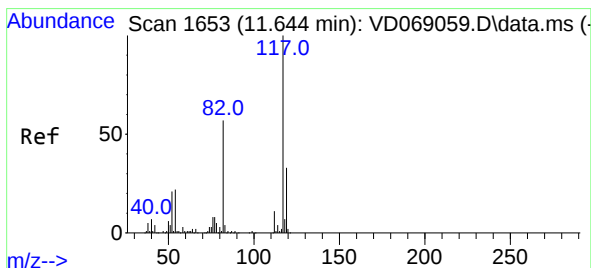
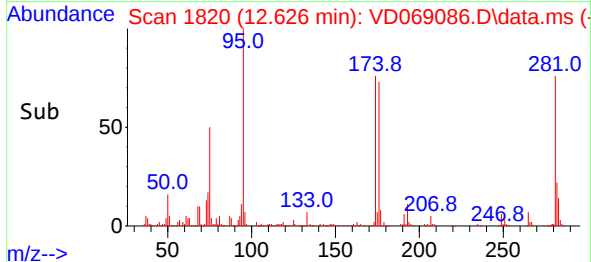
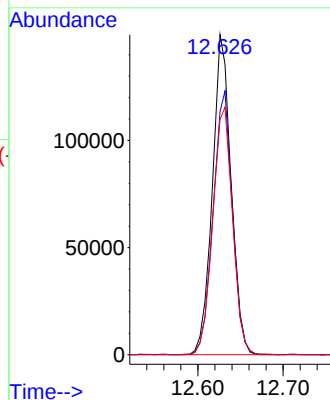
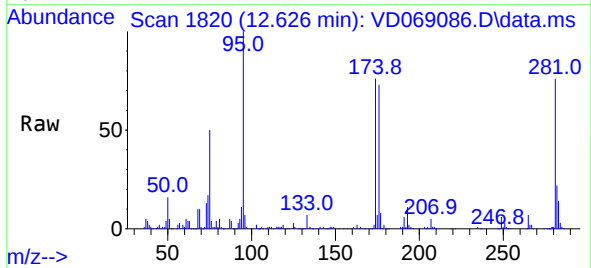




#62
4-Bromofluorobenzene
Concen: 58.78 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

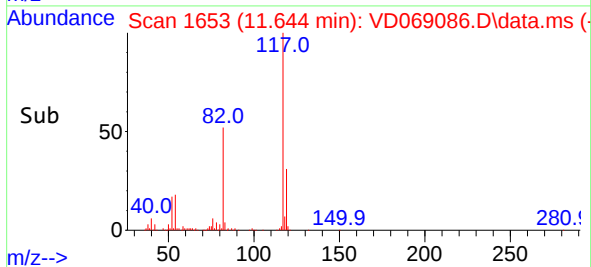
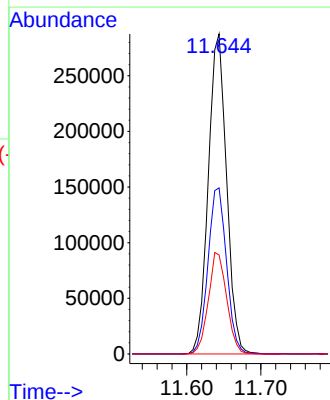
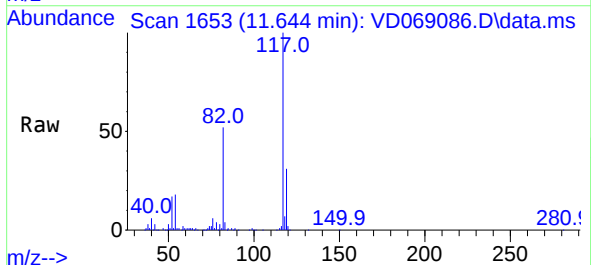
Instrument :
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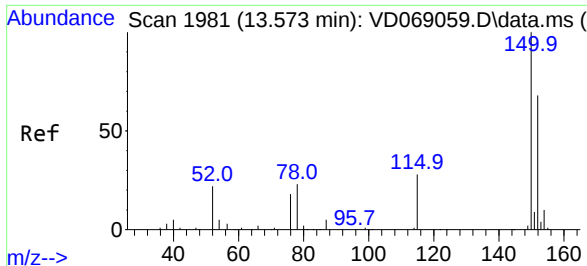
Tgt Ion: 95 Resp: 227965
Ion Ratio Lower Upper
95 100
174 84.8 0.0 156.0
176 81.4 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

Tgt Ion: 117 Resp: 492834
Ion Ratio Lower Upper
117 100
82 51.9 45.4 68.2
119 31.0 26.8 40.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069086.D
Acq: 06 May 2021 20:24

Instrument :
MSVOA_D
ClientSampleId :
EME-13

Tgt Ion:152 Resp: 236328
Ion Ratio Lower Upper
152 100
115 57.8 30.5 91.5
150 155.8 0.0 340.8

