

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
 Data File : VD069071.D
 Acq On : 05 May 2021 16:07
 Operator : VA/SY
 Sample : M2296-01
 Misc : 7.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: May 06 05:45:58 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)

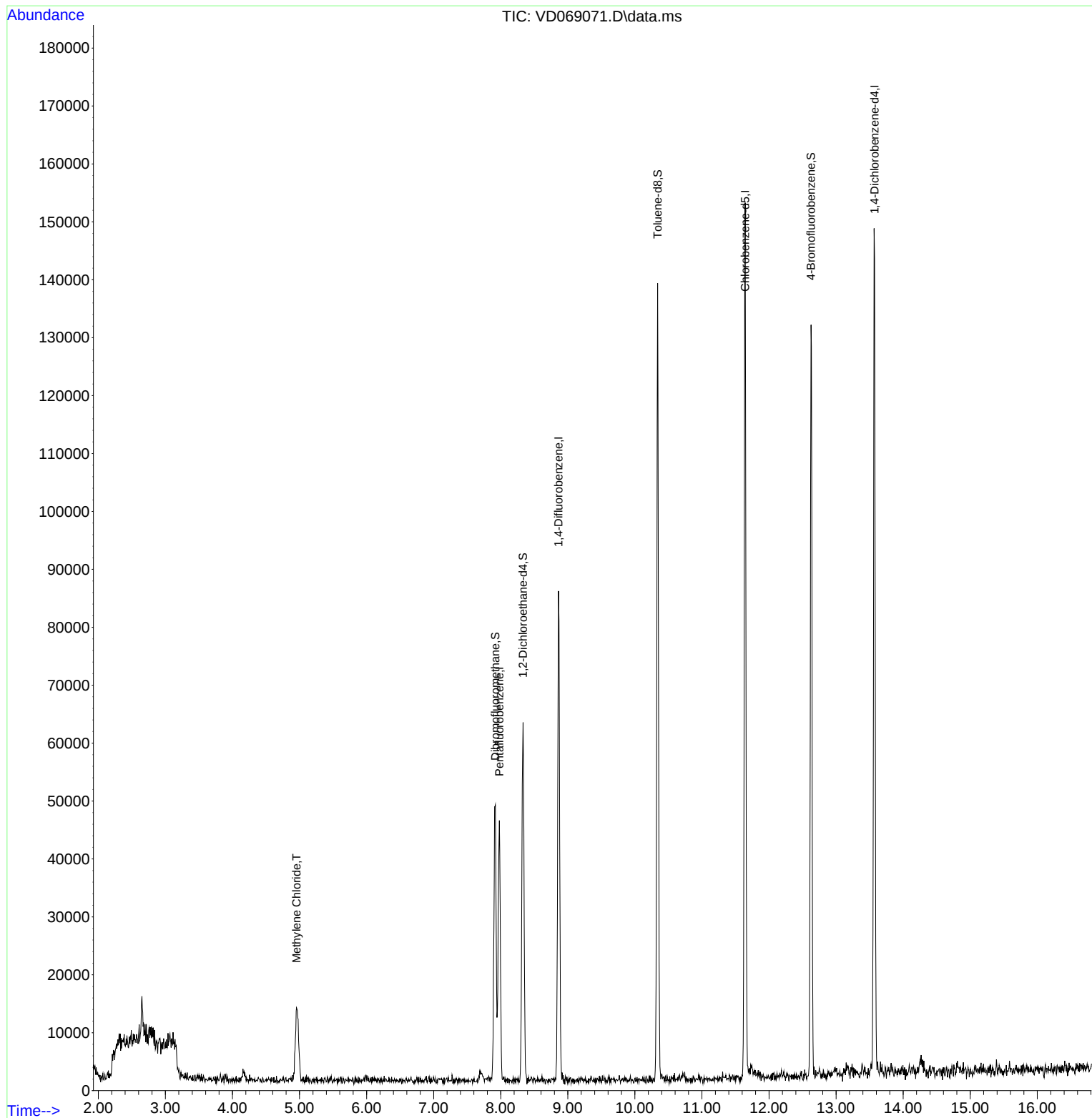
Internal Standards						
1) Pentafluorobenzene	7.979	168	31094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	70601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	81545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	36494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	50371	125.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 251.40%#			
35) Dibromofluoromethane	7.920	113	33899	70.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 140.04%			
50) Toluene-d8	10.338	98	88762	49.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.32%			
62) 4-Bromofluorobenzene	12.626	95	35418	60.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.48%			
Target Compounds						
20) Methylene Chloride	4.956	84	10368	22.70	ug/l	Qvalue 95

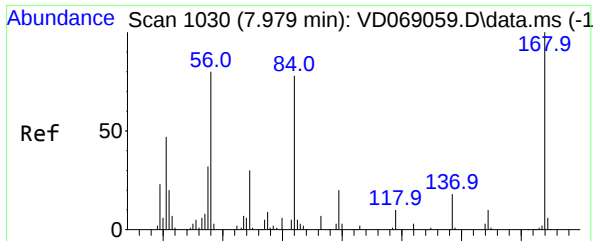
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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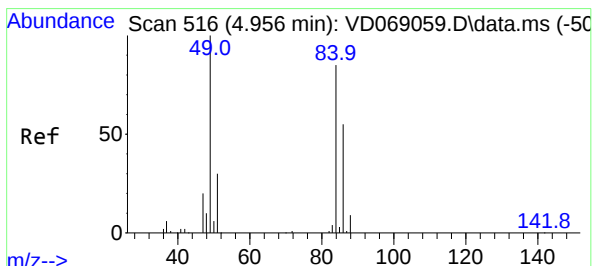
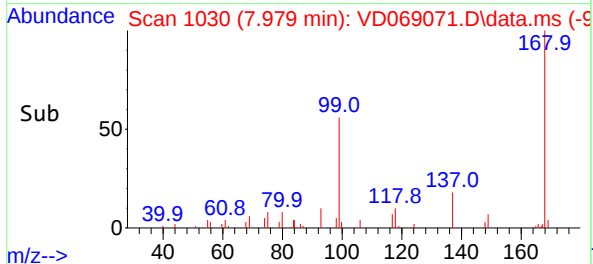
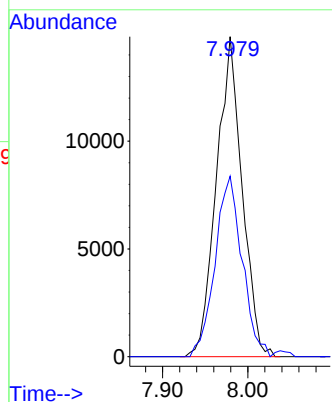
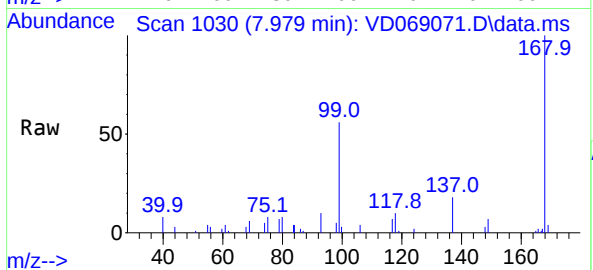




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069071.D
Acq: 05 May 2021 16:07

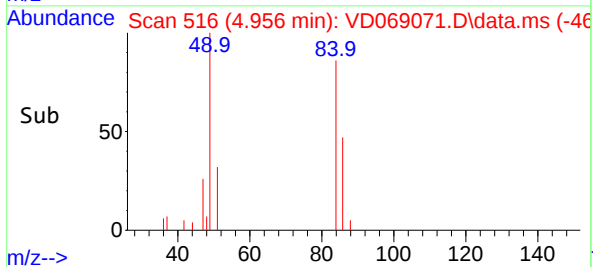
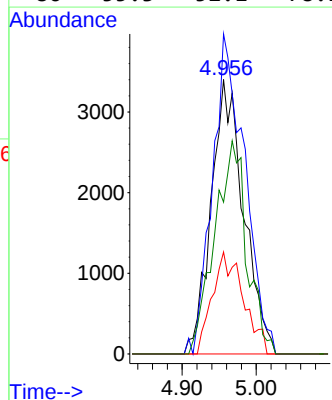
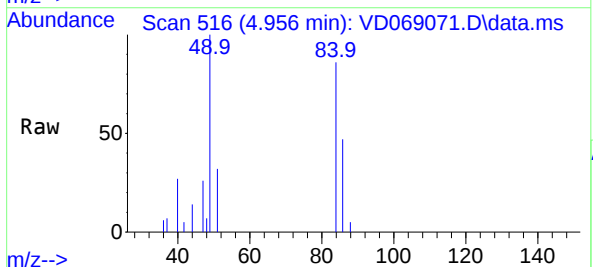
Instrument :
MSVOA_D
ClientSampled :
SP-1

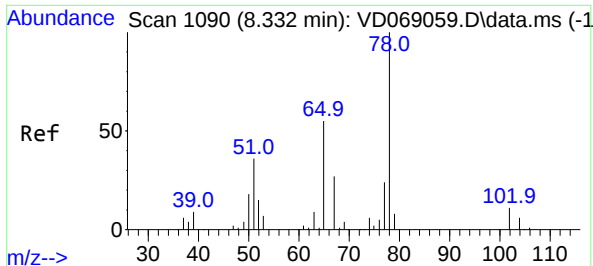
Tgt Ion:168 Resp: 31094
Ion Ratio Lower Upper
168 100
99 56.4 52.6 78.8



#20
Methylene Chloride
Concen: 22.70 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD069071.D
Acq: 05 May 2021 16:07

Tgt Ion: 84 Resp: 10368
Ion Ratio Lower Upper
84 100
49 116.6 93.9 140.9
51 37.1 27.9 41.9
86 55.3 52.1 78.1

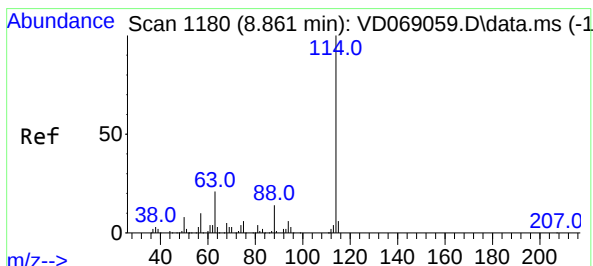
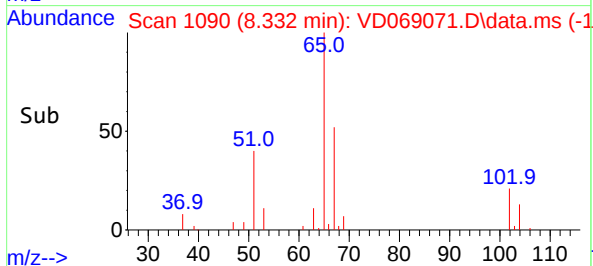
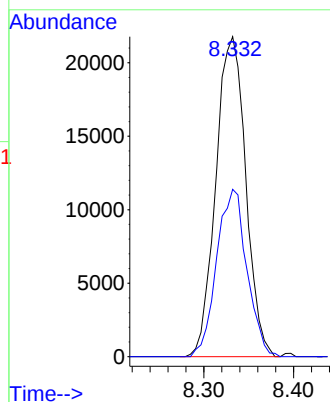
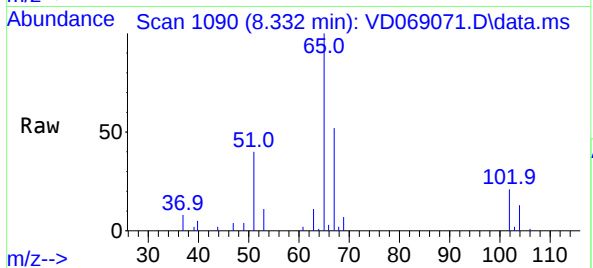




#33
1,2-Dichloroethane-d4
Concen: 125.70 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069071.D
Acq: 05 May 2021 16:07

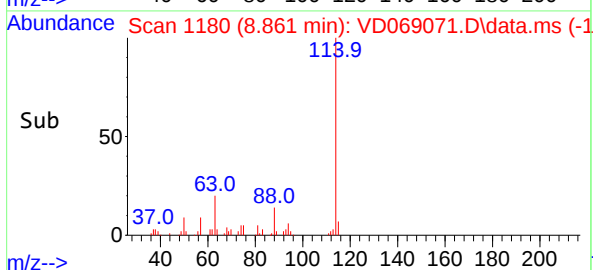
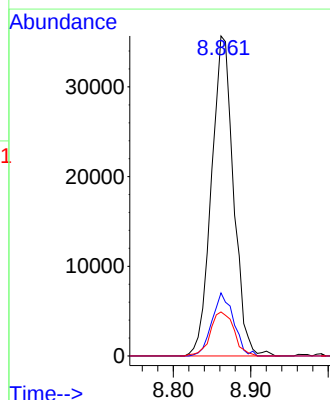
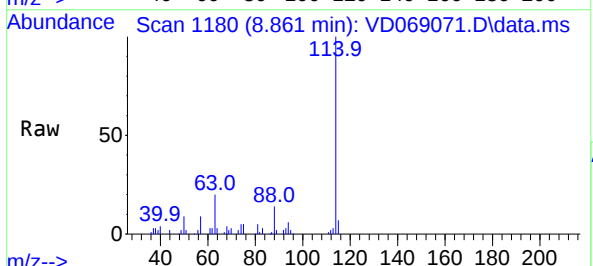
Instrument :
MSVOA_D
ClientSampled :
SP-1

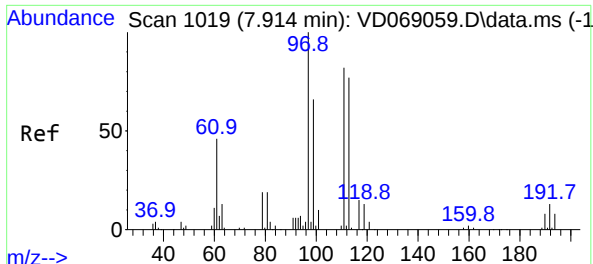
Tgt Ion: 65 Resp: 50371
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069071.D
Acq: 05 May 2021 16:07

Tgt Ion: 114 Resp: 70601
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.4
88 13.7 0.0 27.8

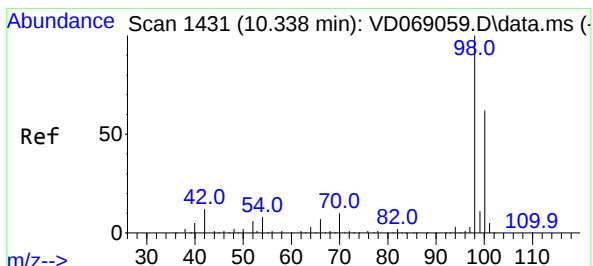
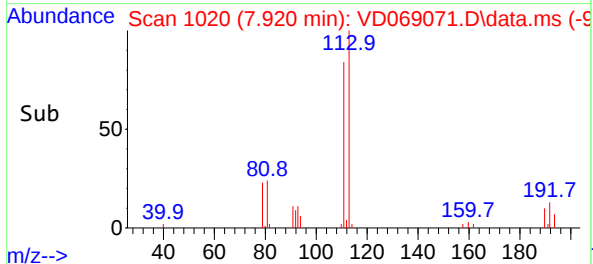
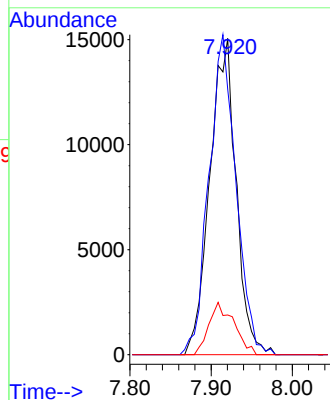
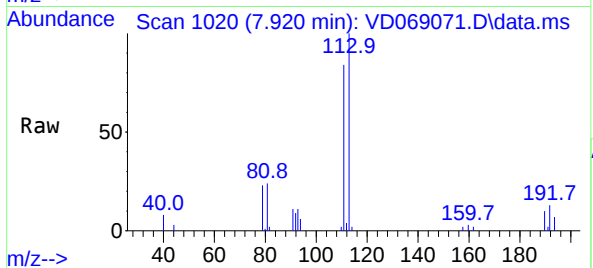




#35
Dibromofluoromethane
Concen: 70.02 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069071.D
Acq: 05 May 2021 16:07

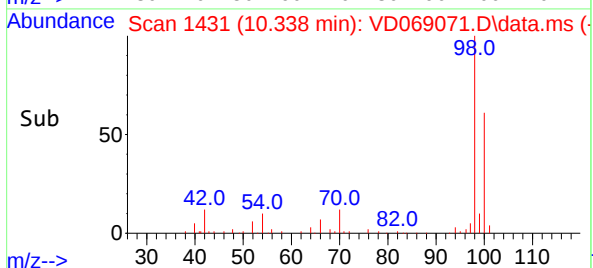
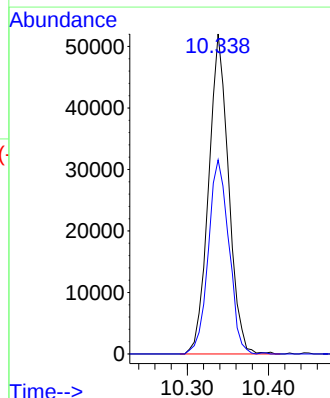
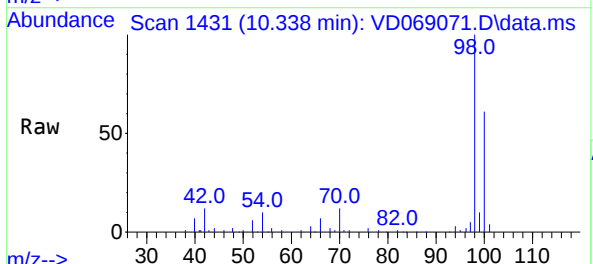
Instrument :
MSVOA_D
ClientSampleId :
SP-1

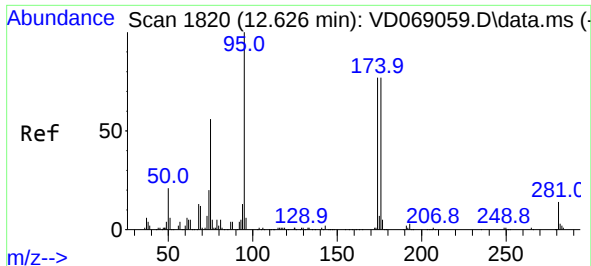
Tgt Ion:113 Resp: 33899
Ion Ratio Lower Upper
113 100
111 103.7 84.6 126.8
192 15.8 13.5 20.3



#50
Toluene-d8
Concen: 49.66 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069071.D
Acq: 05 May 2021 16:07

Tgt Ion: 98 Resp: 88762
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4

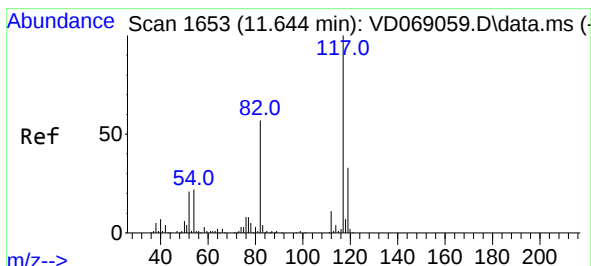
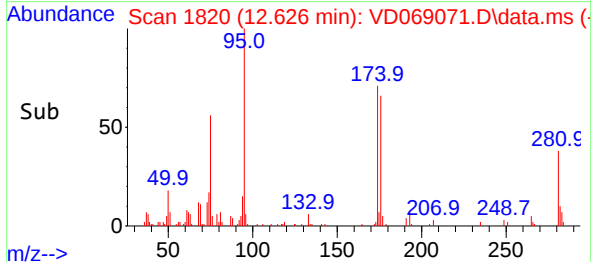
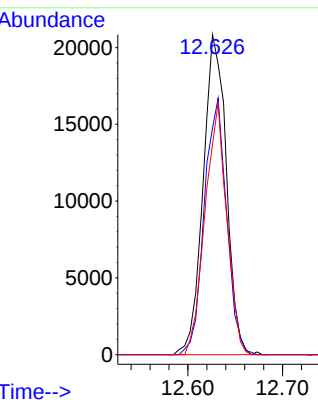
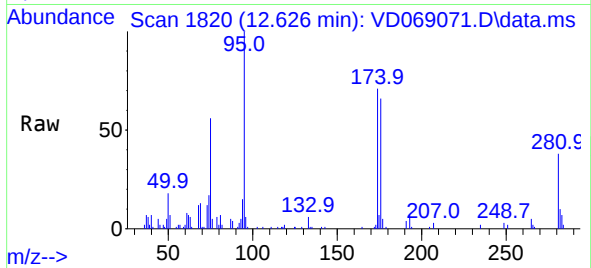




#62
4-Bromofluorobenzene
Concen: 60.24 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069071.D
Acq: 05 May 2021 16:07

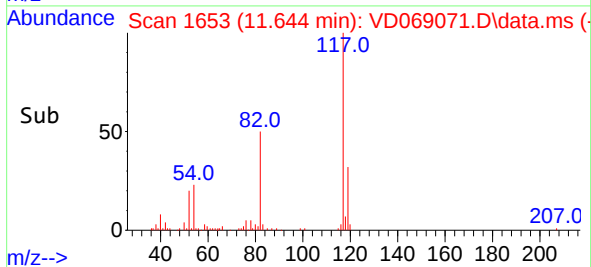
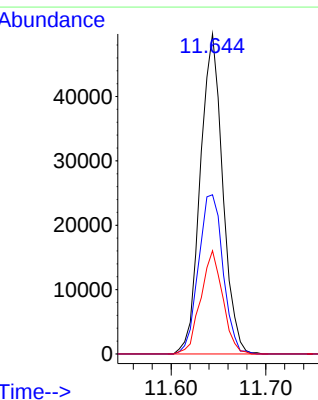
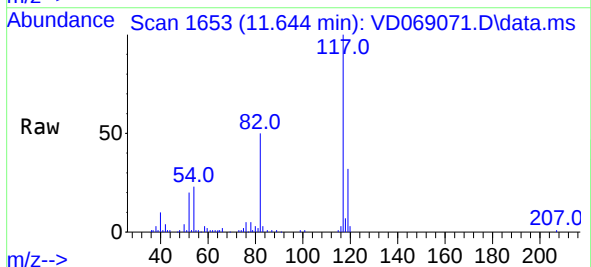
Instrument :
MSVOA_D
ClientSampled :
SP-1

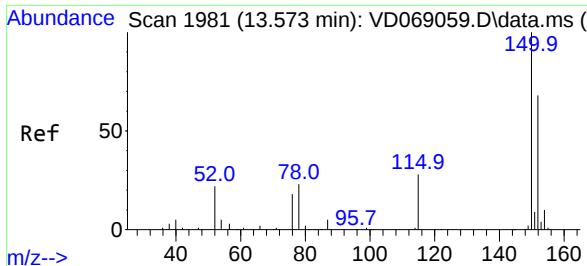
Tgt Ion: 95 Resp: 35418
Ion Ratio Lower Upper
95 100
174 77.1 0.0 156.0
176 73.8 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069071.D
Acq: 05 May 2021 16:07

Tgt Ion: 117 Resp: 81545
Ion Ratio Lower Upper
117 100
82 49.7 45.4 68.2
119 32.2 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: VD069071.D
 Acq: 05 May 2021 16:07

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Tgt Ion:152 Resp: 36494
 Ion Ratio Lower Upper
 152 100
 115 61.9 30.5 91.5
 150 159.5 0.0 340.8

