

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069903.D
 Acq On : 29 Jul 2021 11:09
 Operator : VA/SY
 Sample : VD0729SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBL01

Quant Time: Jul 30 00:52:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

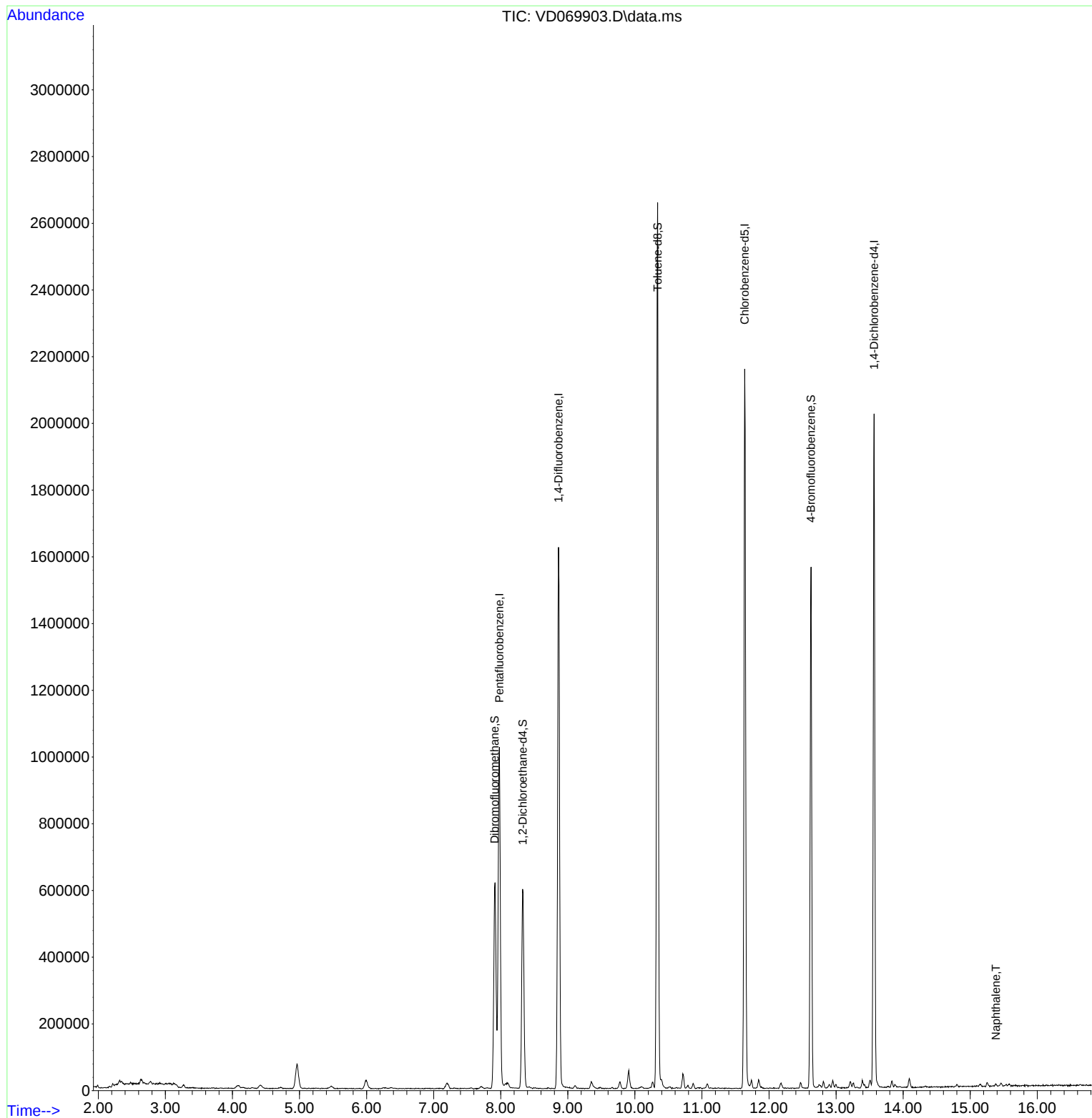
Internal Standards						
1) Pentafluorobenzene	7.979	168	713543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1395093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1272119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	524142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	470411	57.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.909	113	457391	52.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.020%
50) Toluene-d8	10.338	98	1792912	52.870	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.740%
62) 4-Bromofluorobenzene	12.626	95	536403	47.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.660%
Target Compounds						
95) Naphthalene	15.385	128	5473	5.286	ug/l	Qvalue # 93

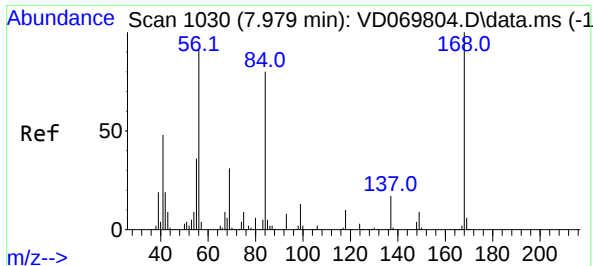
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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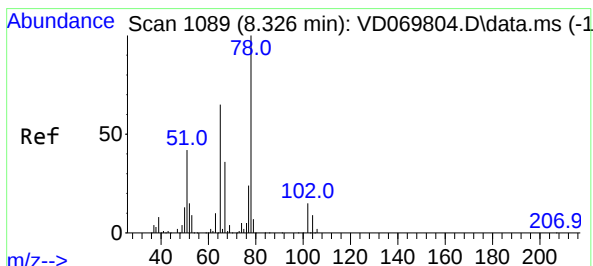
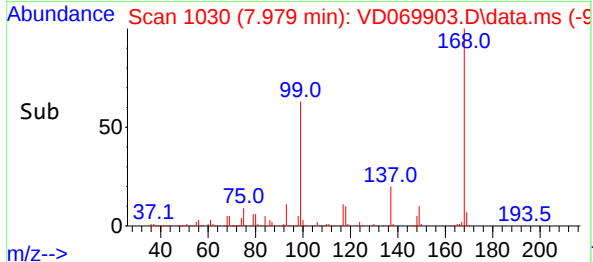
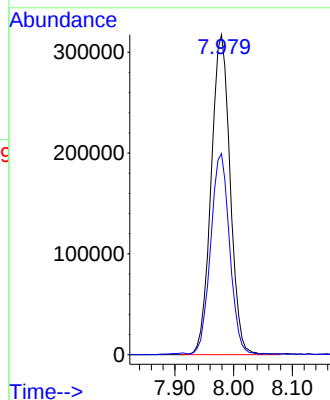
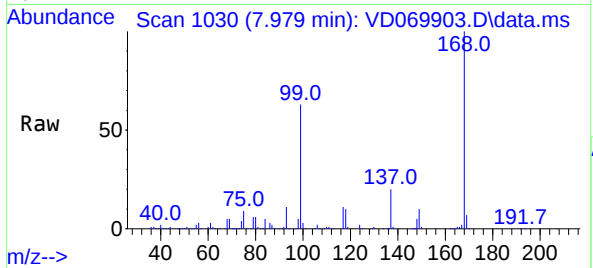




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

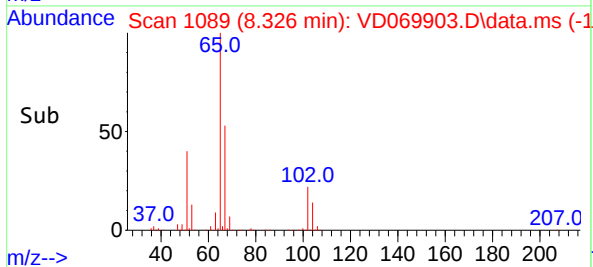
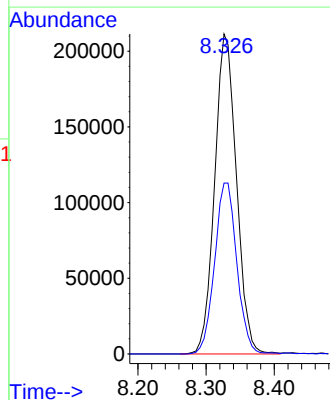
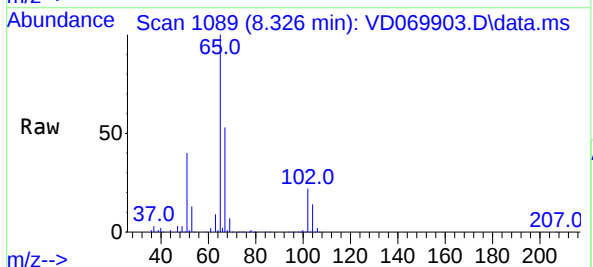
Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

Tgt Ion:168 Resp: 713543
Ion Ratio Lower Upper
168 100
99 62.6 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 57.323 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 65 Resp: 470411
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2



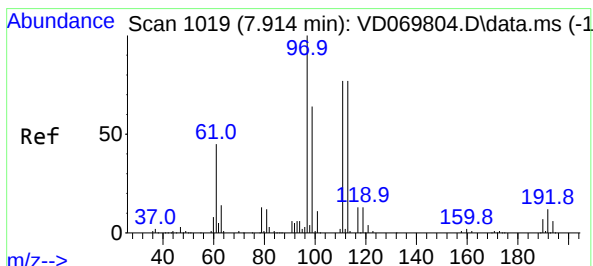
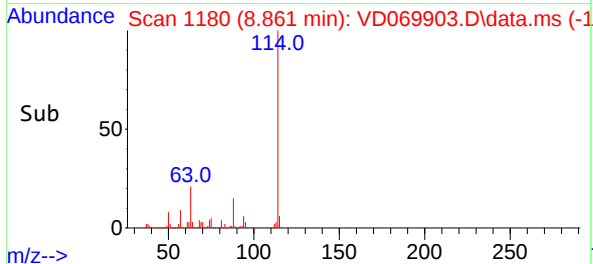
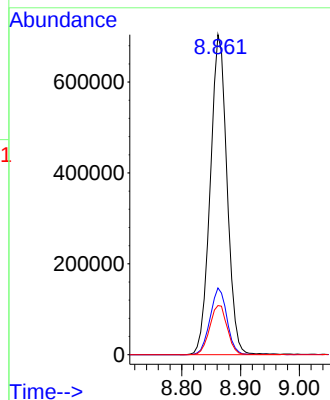
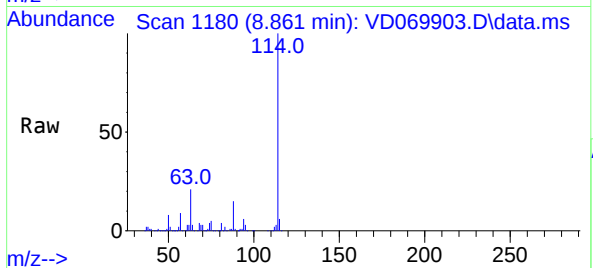


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

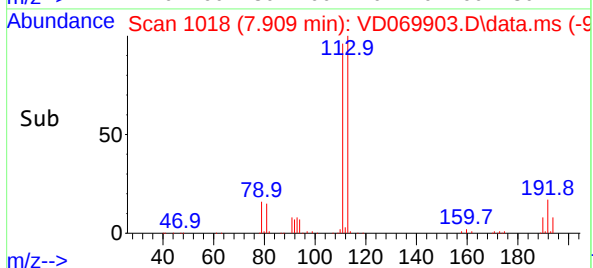
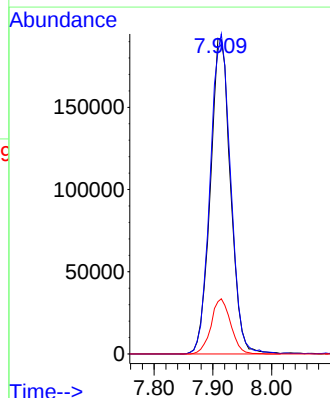
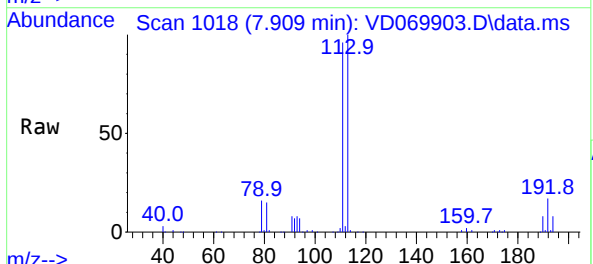
Tgt Ion:114 Resp: 1395093
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.6
88 15.4 0.0 31.4



#35

Dibromofluoromethane
Concen: 52.008 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion:113 Resp: 457391
Ion Ratio Lower Upper
113 100
111 102.8 80.5 120.7
192 17.0 12.6 19.0

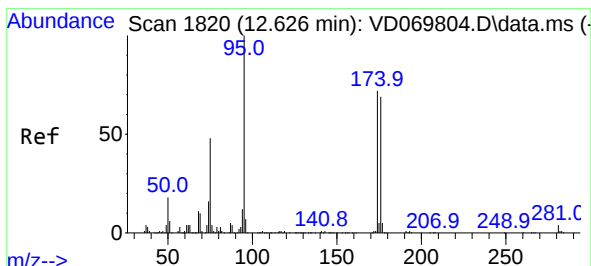
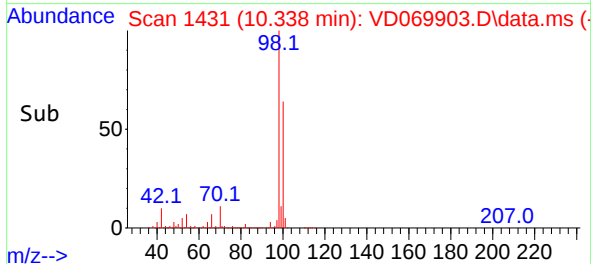
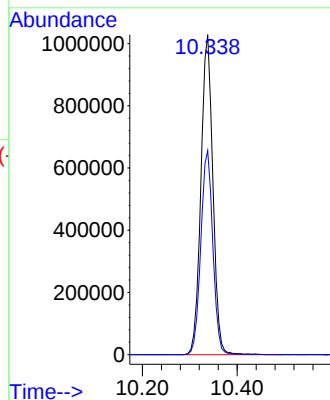
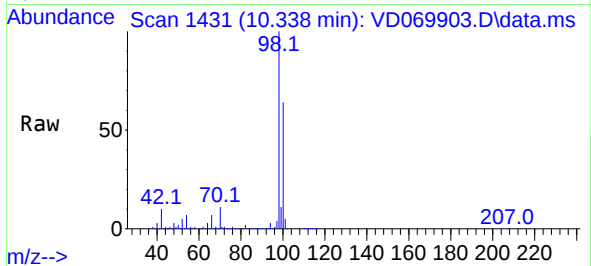




#50
Toluene-d8
Concen: 52.870 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

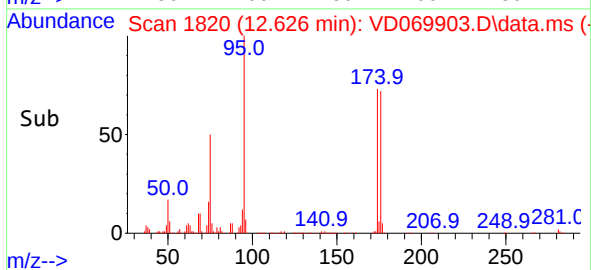
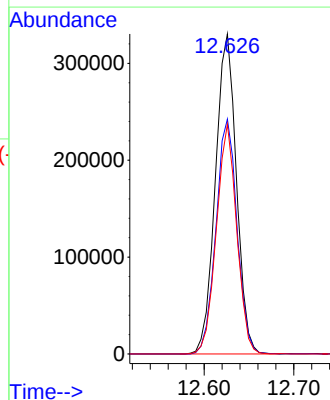
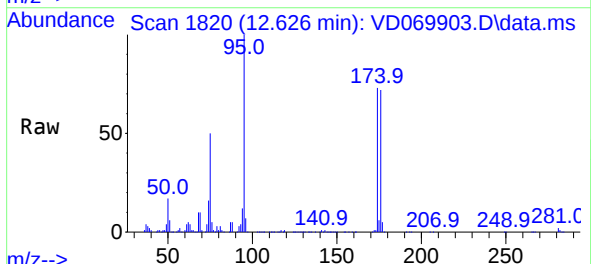
Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

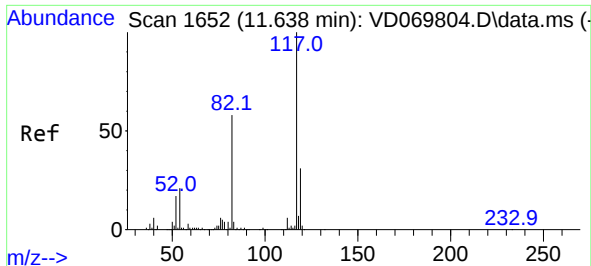
Tgt Ion: 98 Resp: 1792912
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.329 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 95 Resp: 536403
Ion Ratio Lower Upper
95 100
174 73.9 0.0 142.6
176 69.4 0.0 134.2

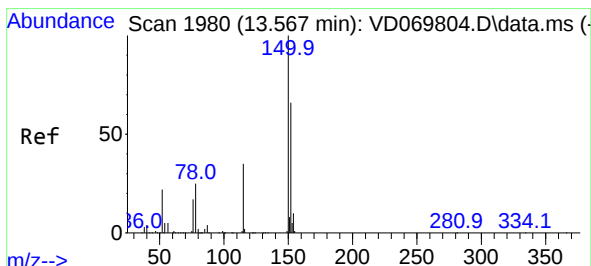
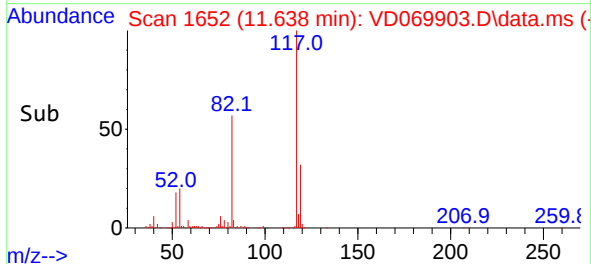
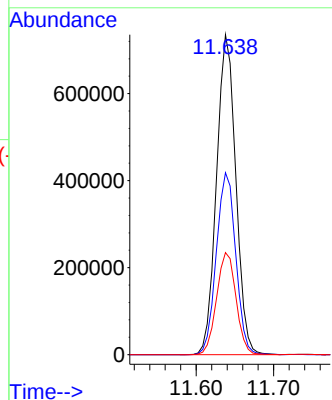
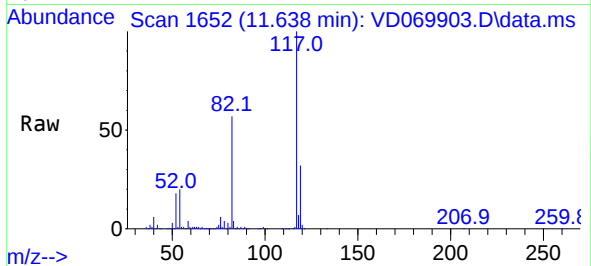




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

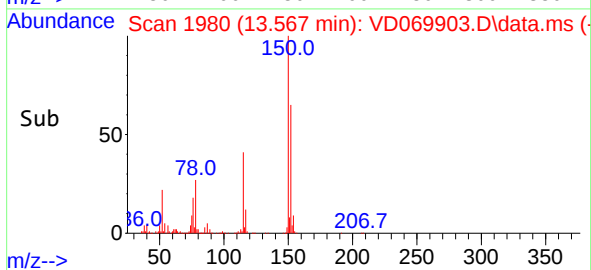
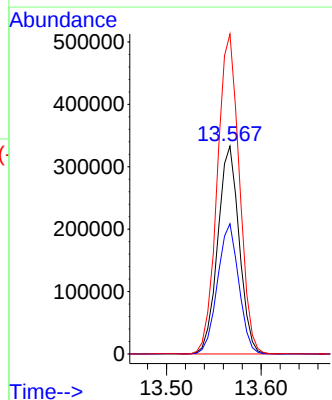
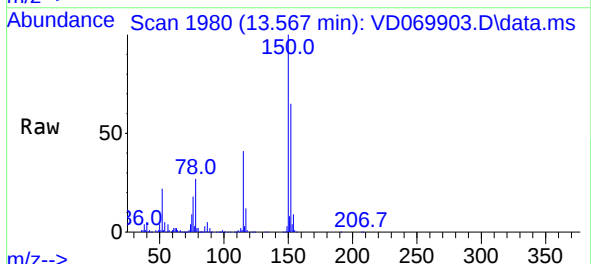
Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

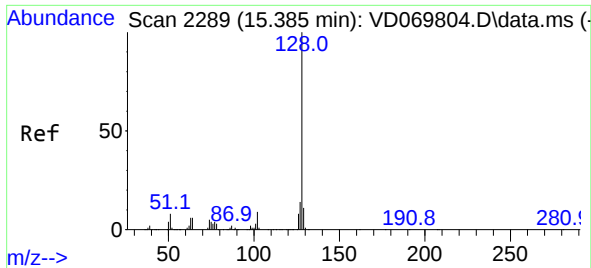
Tgt Ion:117 Resp: 1272119
Ion Ratio Lower Upper
117 100
82 56.9 46.3 69.5
119 31.9 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion:152 Resp: 524142
Ion Ratio Lower Upper
152 100
115 62.2 31.1 93.3
150 157.8 0.0 343.0





#95
Naphthalene
Concen: 5.286 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

Tgt Ion:128 Resp: 5473
Ion Ratio Lower Upper
128 100
127 9.1 10.6 16.0#
129 12.0 8.6 12.8

