

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070018.D
 Acq On : 11 Aug 2021 12:43
 Operator : VA/SY
 Sample : VD0811SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBL01

Quant Time: Aug 12 05:27:38 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)

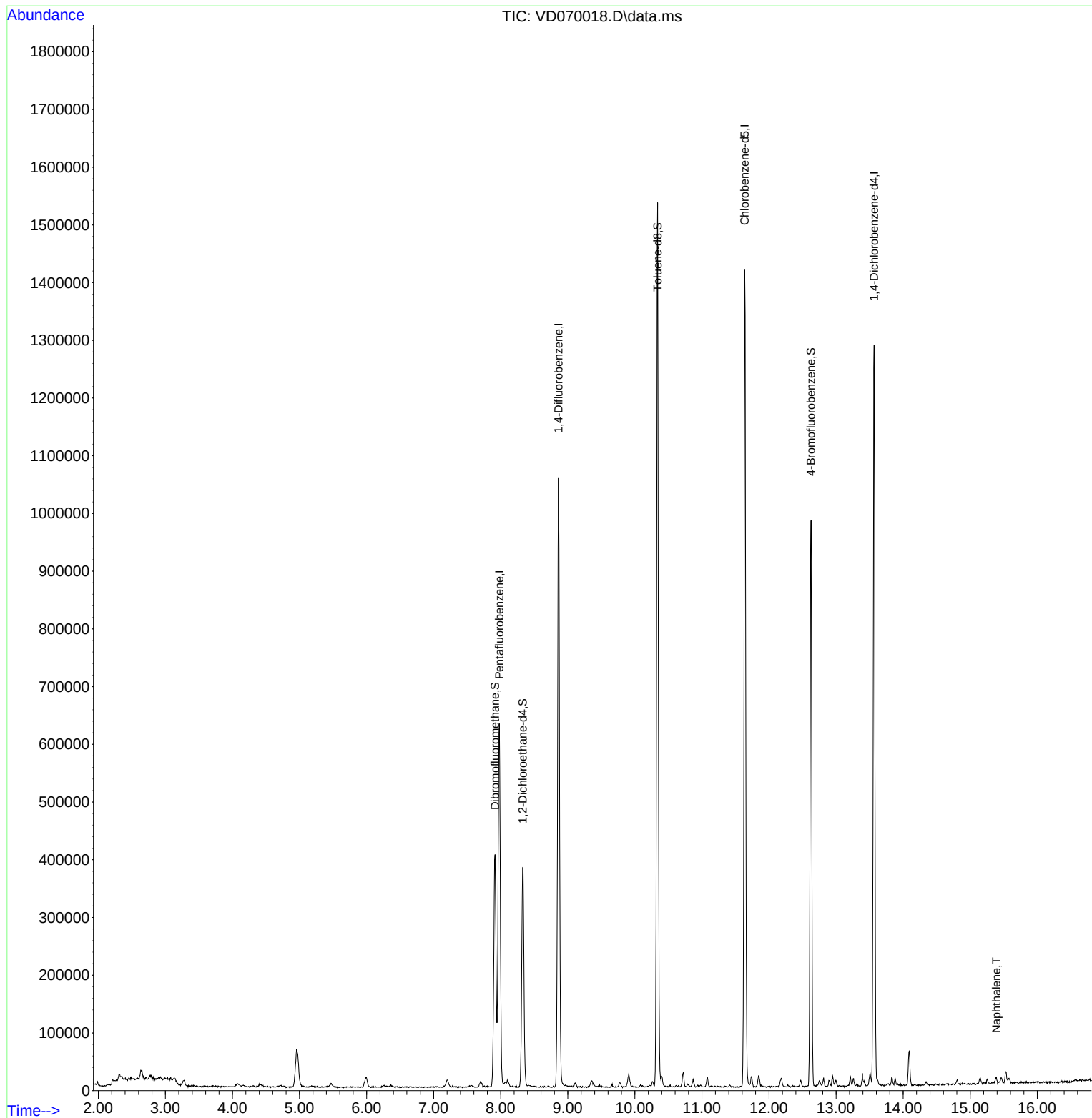
Internal Standards						
1) Pentafluorobenzene	7.979	168	446791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	889408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	823548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	338551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	299965	58.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.914	113	298449	53.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.460%
50) Toluene-d8	10.338	98	1040259	48.116	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.626	95	336384	46.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.120%
Target Compounds						
95) Naphthalene	15.390	128	8439	5.685	ug/l	Qvalue # 92

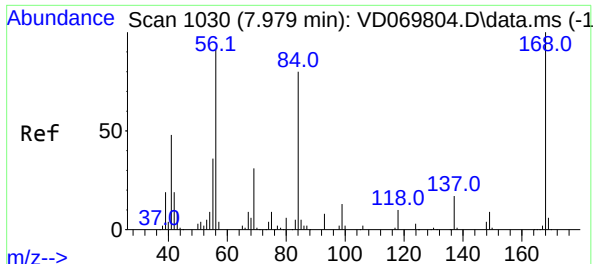
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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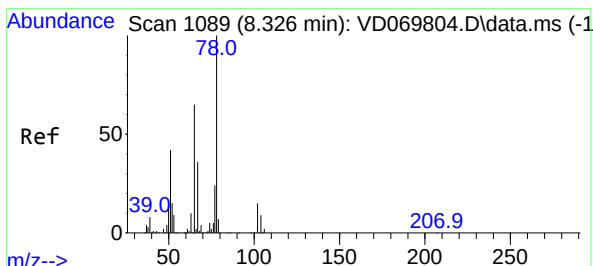
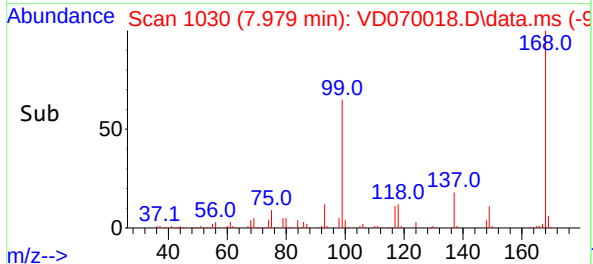
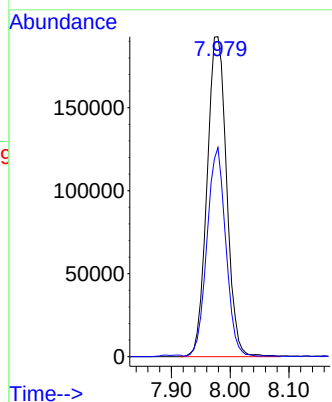
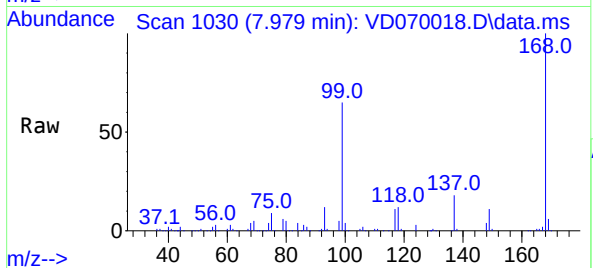




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

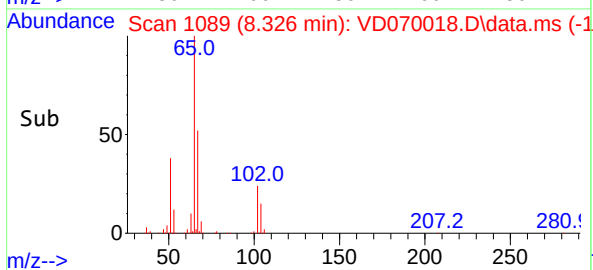
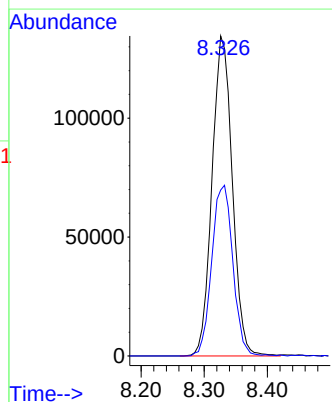
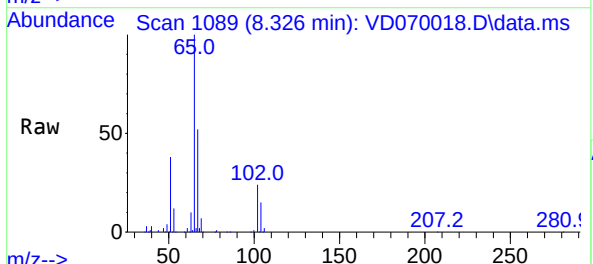
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

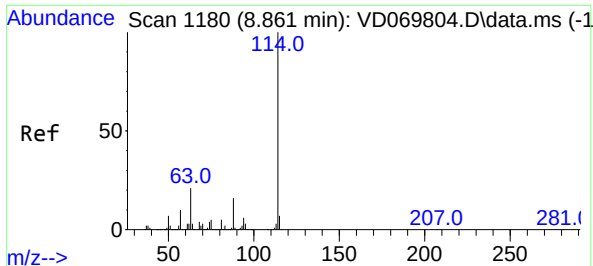
Tgt Ion:168 Resp: 446791
Ion Ratio Lower Upper
168 100
99 65.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 58.376 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Tgt Ion: 65 Resp: 299965
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.2



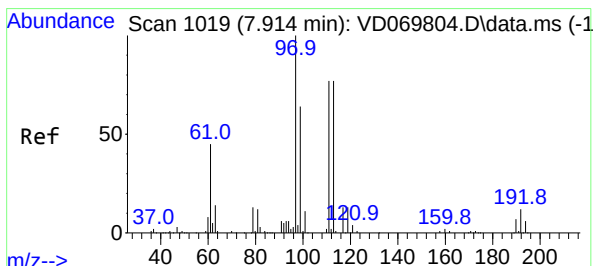
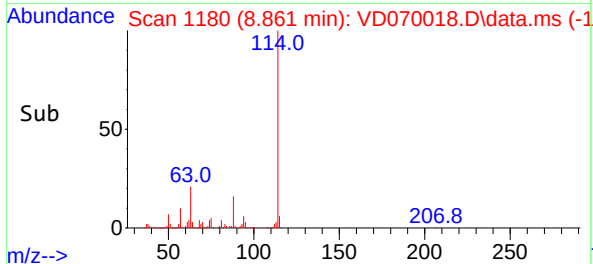
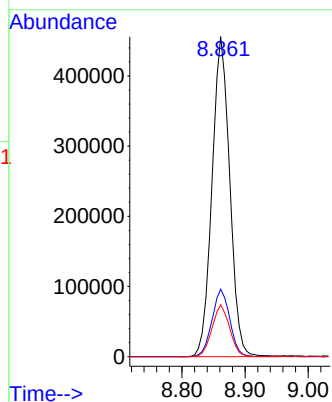
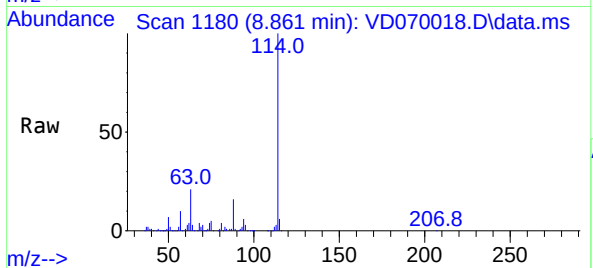


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

Tgt Ion:114 Resp: 889408

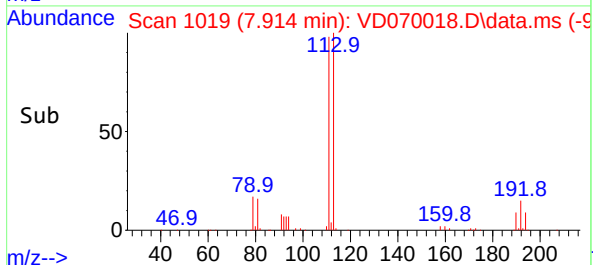
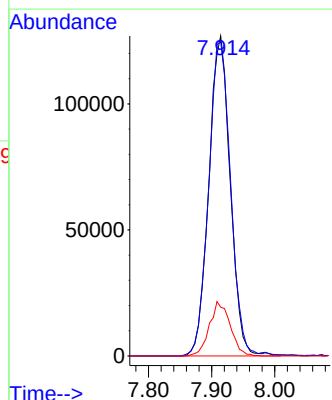
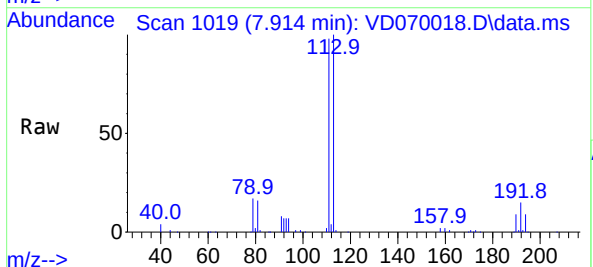
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.6
88	16.3	0.0	31.4

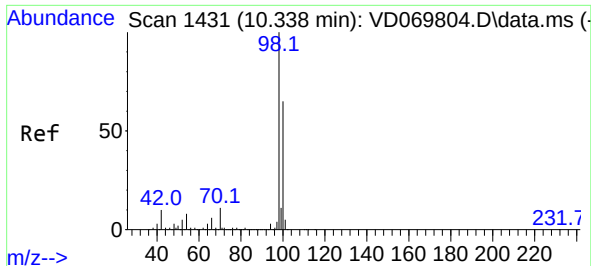


#35
Dibromofluoromethane
Concen: 53.230 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Tgt Ion:113 Resp: 298449

Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.5	120.7
192	16.5	12.6	19.0

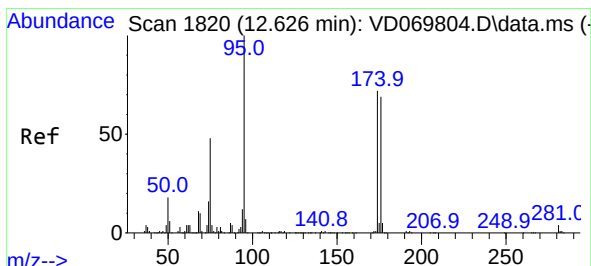
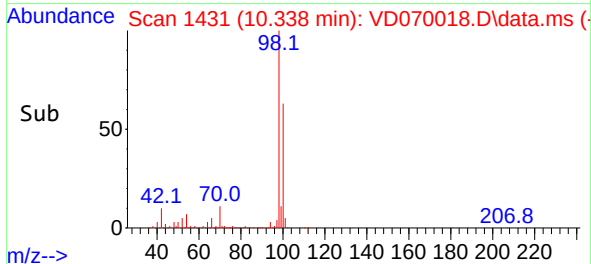
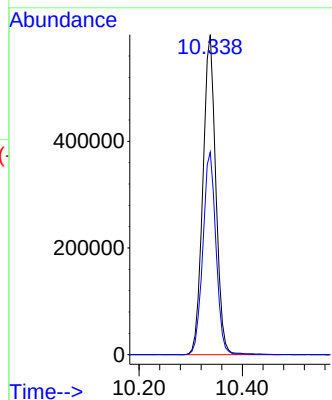
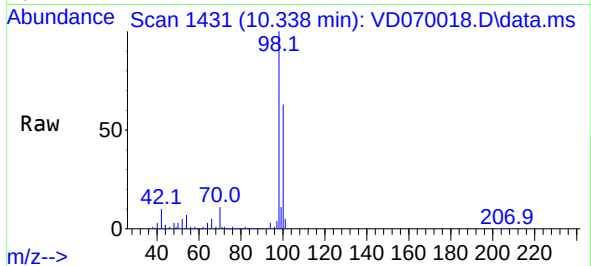




#50
Toluene-d8
Concen: 48.116 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

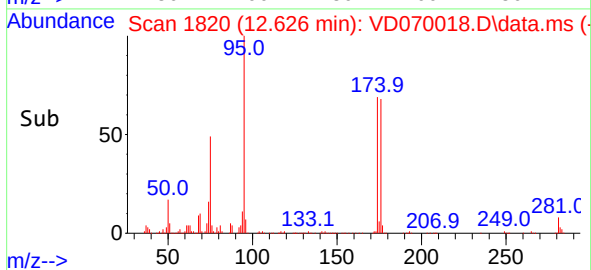
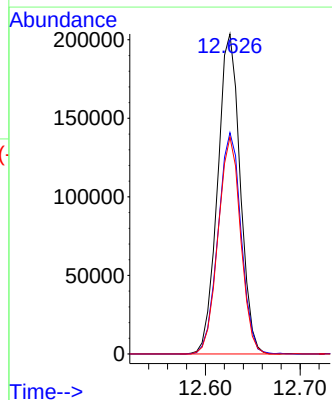
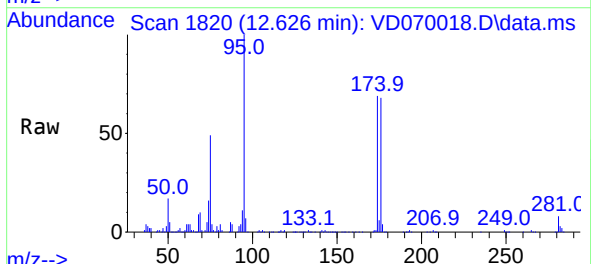
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

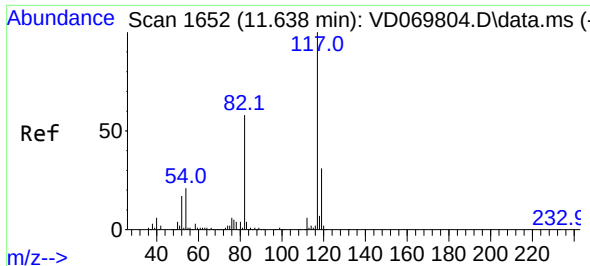
Tgt Ion: 98 Resp: 1040259
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.556 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Tgt Ion: 95 Resp: 336384
Ion Ratio Lower Upper
95 100
174 70.8 0.0 142.6
176 67.7 0.0 134.2

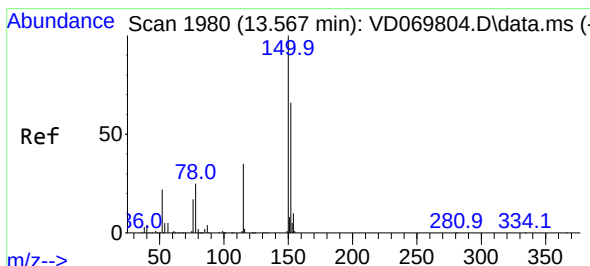
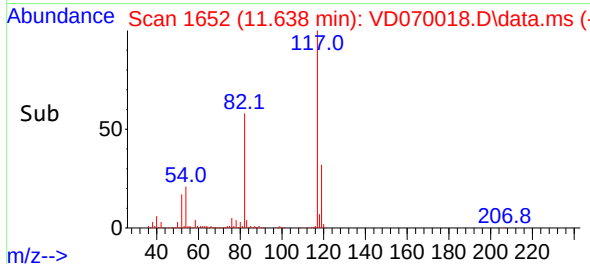
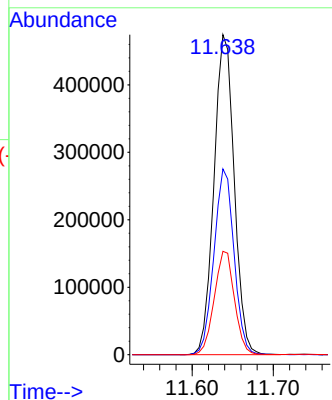
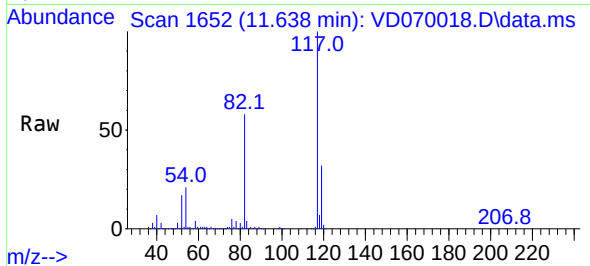




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

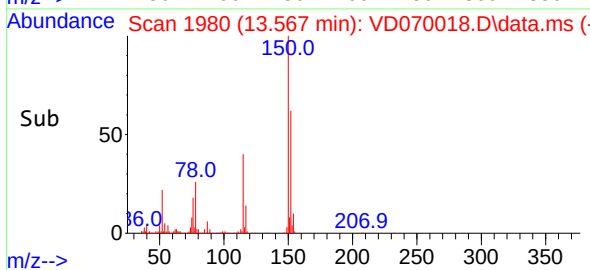
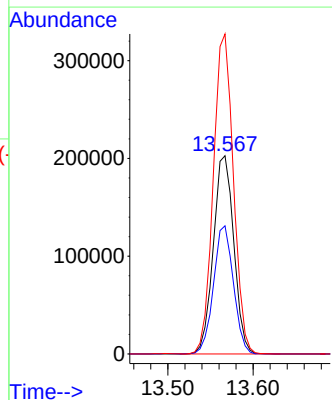
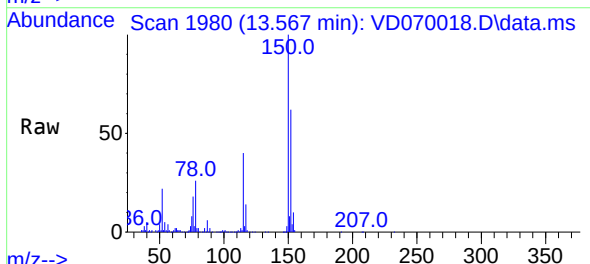
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

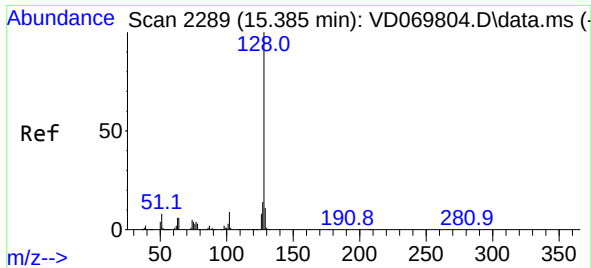
Tgt Ion:	117	Resp:	823548
Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.3	69.5
119	32.3	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Tgt Ion:	152	Resp:	338551
Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.1	93.3
150	158.4	0.0	343.0





#95
Naphthalene
Concen: 5.685 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

Tgt Ion:128 Resp: 8439
Ion Ratio Lower Upper
128 100
127 14.8 10.6 16.0
129 6.1 8.6 12.8#

