

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080221\
 Data File : VD069944.D
 Acq On : 02 Aug 2021 09:31
 Operator : VA/SY
 Sample : VD0802SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL01

Quant Time: Aug 03 02:53:24 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)

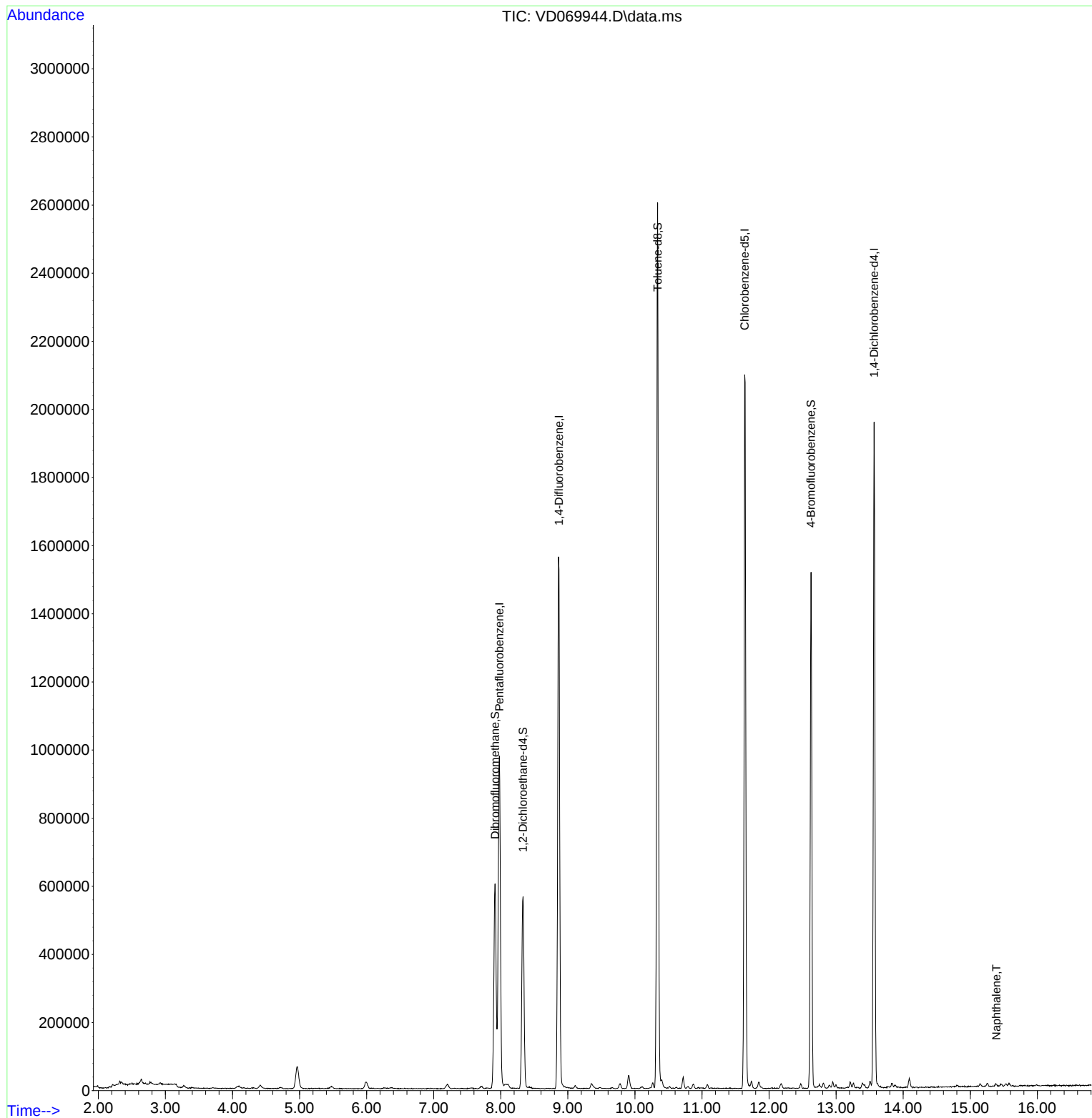
Internal Standards						
1) Pentafluorobenzene	7.979	168	693931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1372784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1232910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	510566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	453229	56.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.580%
35) Dibromofluoromethane	7.914	113	450572	52.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.140%
50) Toluene-d8	10.338	98	1760056	52.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.626	95	524844	47.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.120%
Target Compounds						Qvalue
95) Naphthalene	15.390	128	5917	5.318	ug/l	98

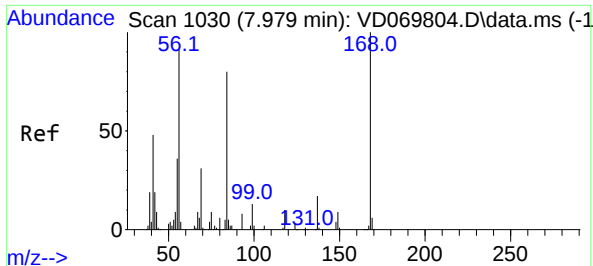
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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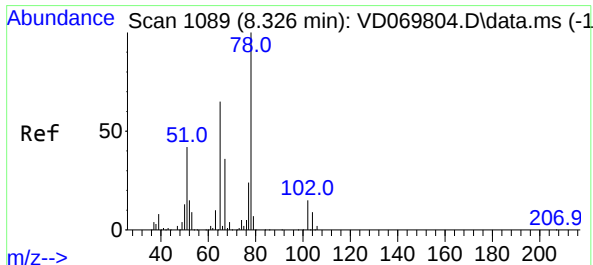
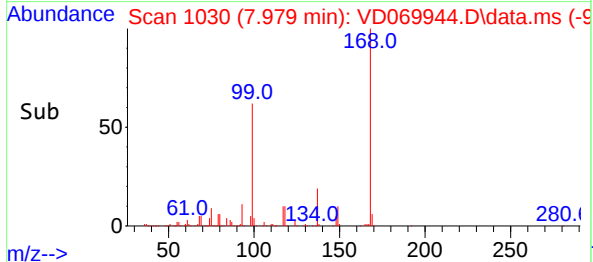
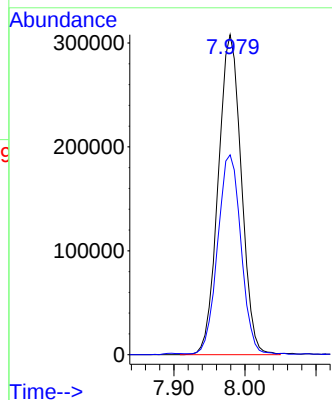
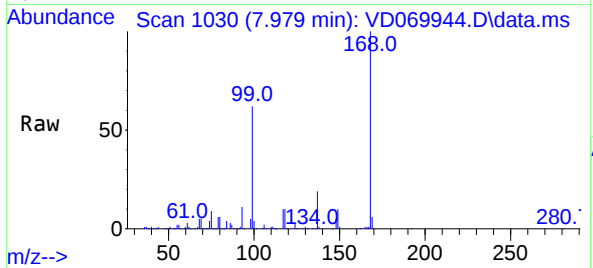




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069944.D
Acq: 02 Aug 2021 09:31

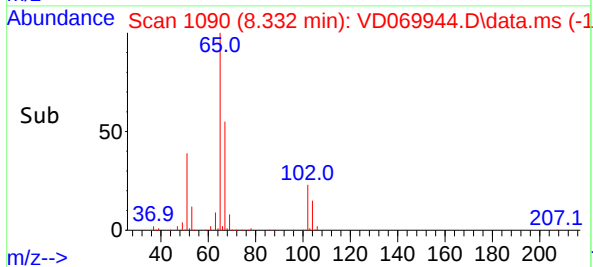
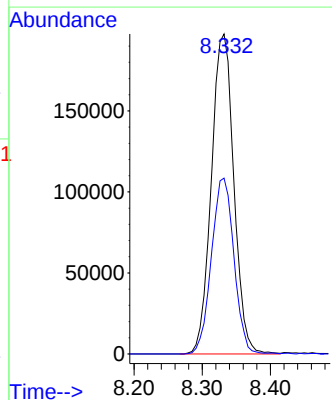
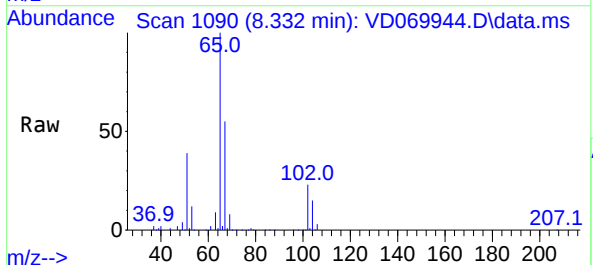
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

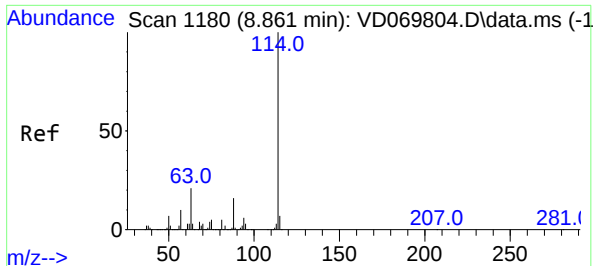
Tgt Ion:168 Resp: 693931
Ion Ratio Lower Upper
168 100
99 62.1 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 56.790 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069944.D
Acq: 02 Aug 2021 09:31

Tgt Ion: 65 Resp: 453229
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2

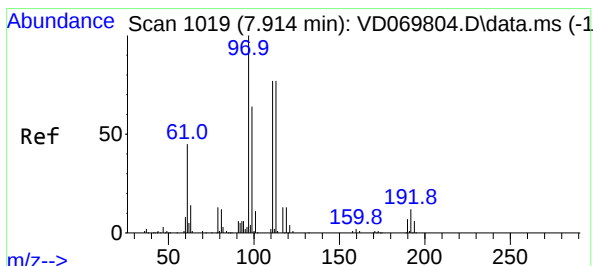
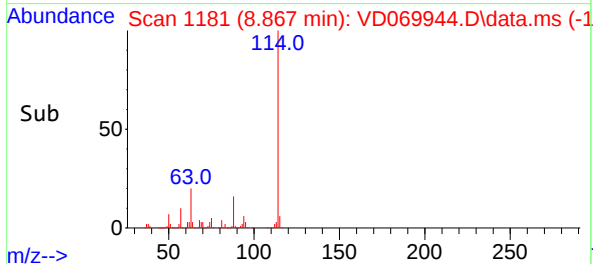
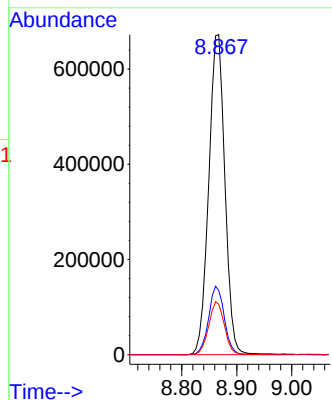
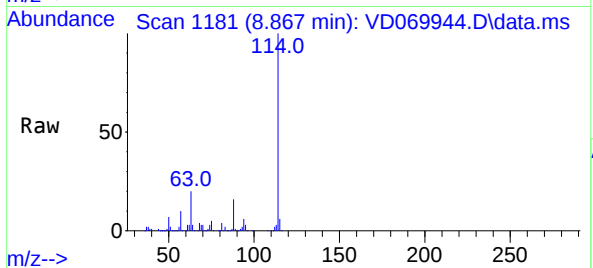




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069944.D
Acq: 02 Aug 2021 09:31

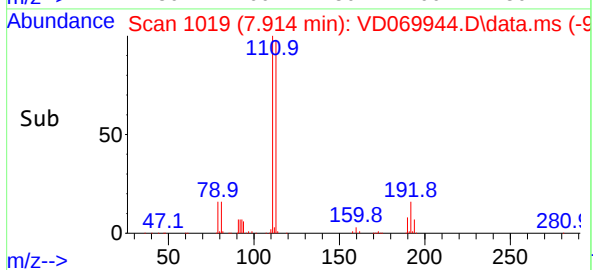
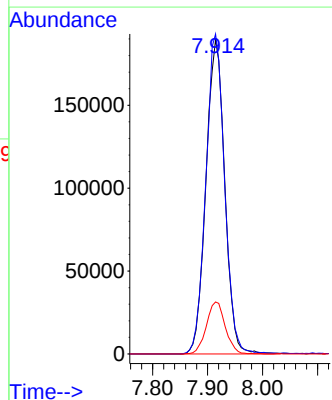
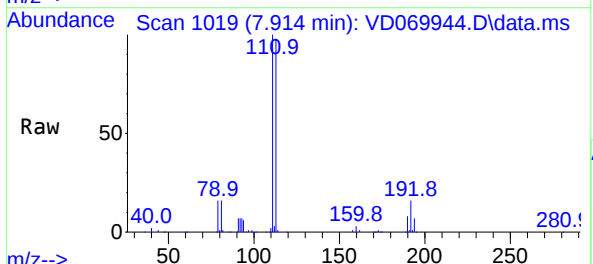
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

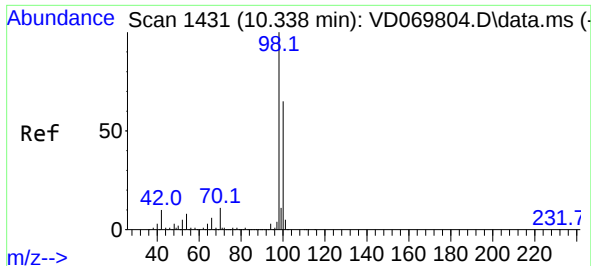
Tgt Ion:114 Resp: 1372784
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.065 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069944.D
Acq: 02 Aug 2021 09:31

Tgt Ion:113 Resp: 450572
Ion Ratio Lower Upper
113 100
111 101.8 80.5 120.7
192 16.7 12.6 19.0

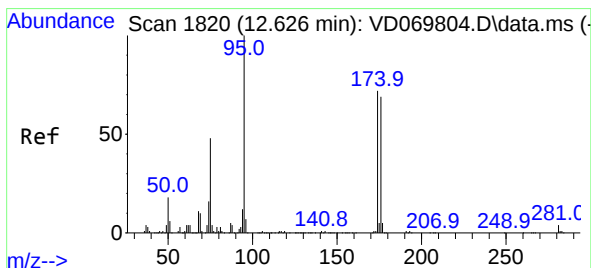
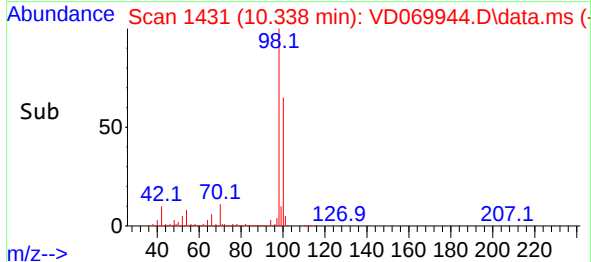
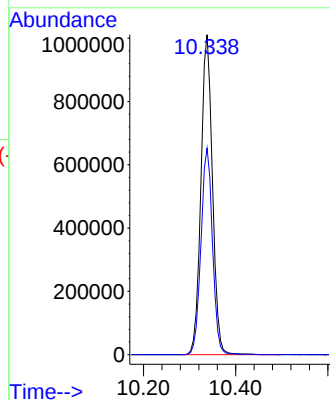
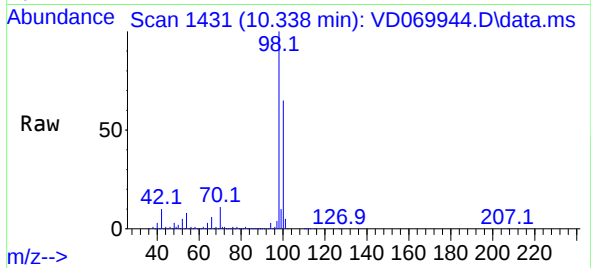




#50
Toluene-d8
Concen: 52.745 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069944.D
Acq: 02 Aug 2021 09:31

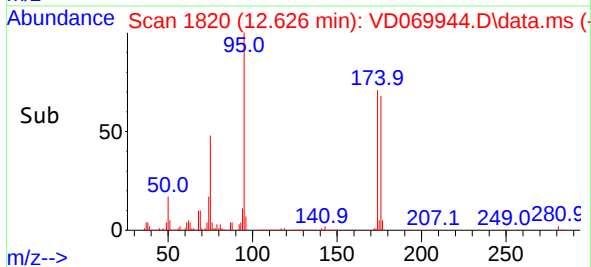
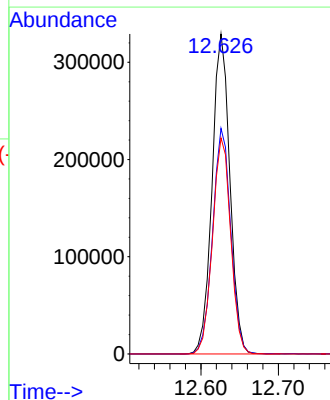
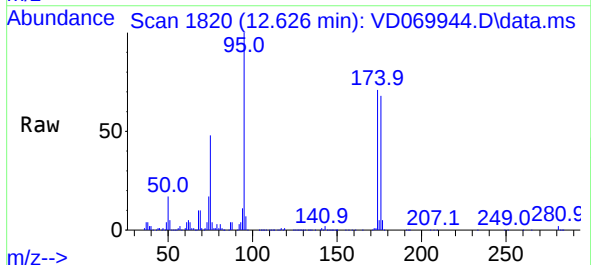
Instrument :
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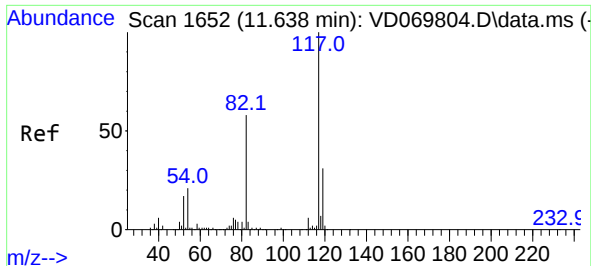
Tgt Ion: 98 Resp: 1760056
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.062 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069944.D
Acq: 02 Aug 2021 09:31

Tgt Ion: 95 Resp: 524844
Ion Ratio Lower Upper
95 100
174 71.9 0.0 142.6
176 68.7 0.0 134.2

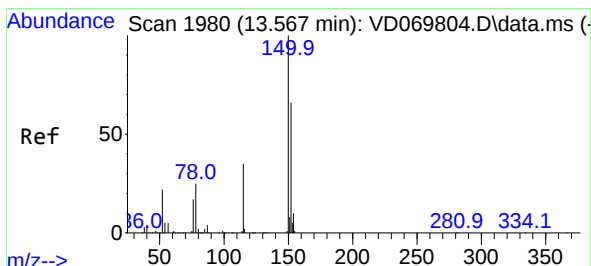
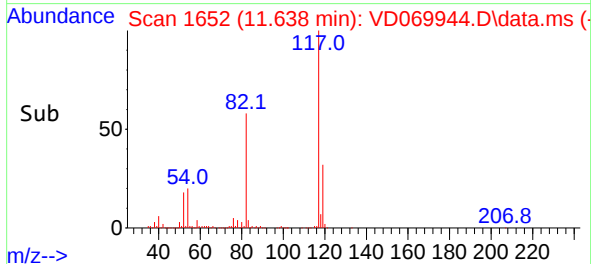
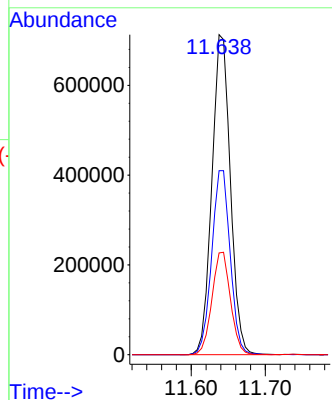
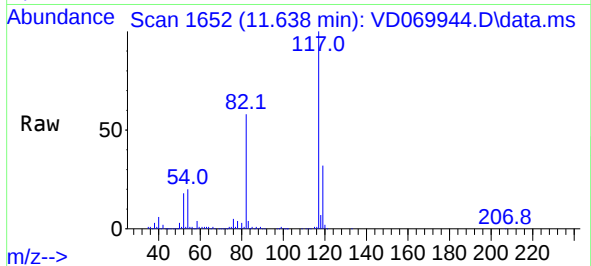




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069944.D
Acq: 02 Aug 2021 09:31

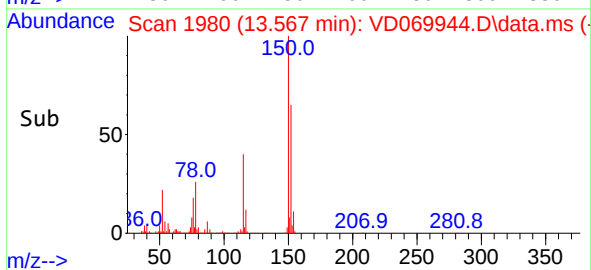
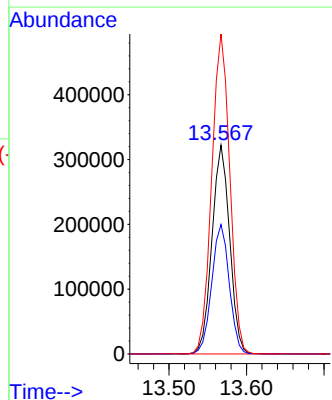
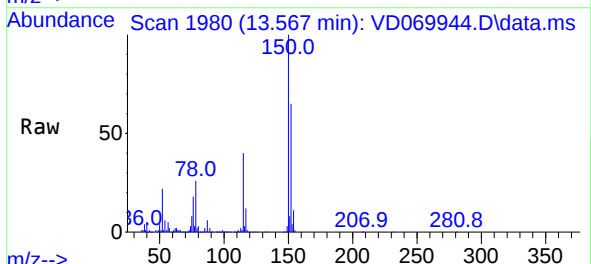
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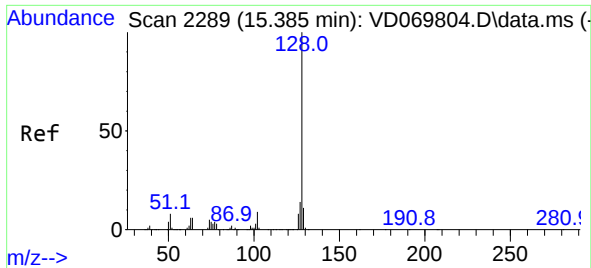
Tgt Ion:117 Resp: 1232910
Ion Ratio Lower Upper
117 100
82 57.5 46.3 69.5
119 31.8 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069944.D
Acq: 02 Aug 2021 09:31

Tgt Ion:152 Resp: 510566
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.3
150 156.7 0.0 343.0





#95
Naphthalene
Concen: 5.318 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD069944.D
Acq: 02 Aug 2021 09:31

Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

Tgt Ion:	128	Resp:	5917
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	9.2	8.6	12.8

