

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123020\
 Data File : VD067977.D
 Acq On : 30 Dec 2020 15:38
 Operator : VA/SY
 Sample : L5244-01
 Misc : 5.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-123020

Quant Time: Dec 31 00:16:09 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

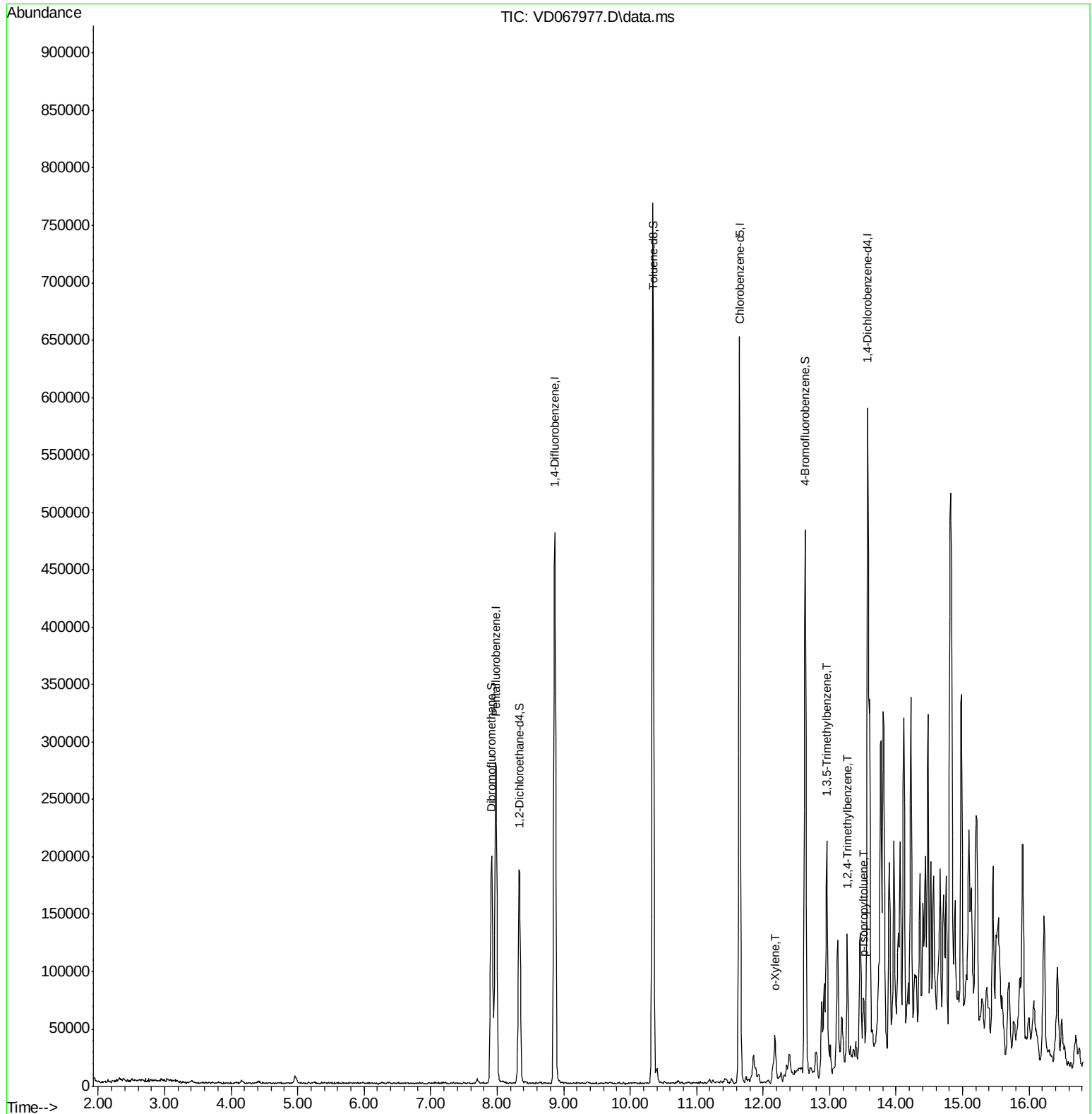
Internal Standards						
1) Pentafluorobenzene	7.979	168	198478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	405178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	364584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	147637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	150026	70.00	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.00%			
35) Dibromofluoromethane	7.914	113	148172	58.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.08%			
50) Toluene-d8	10.343	98	513712	53.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.06%			
62) 4-Bromofluorobenzene	12.632	95	153957	46.90	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.80%			
Target Compounds						Qvalue
69) o-Xylene	12.179	106	8995	1.88	ug/l	93
80) 1,3,5-Trimethylbenzene	12.961	105	74979	8.24	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	59789	6.55	ug/l	97
86) p-Isopropyltoluene	13.514	119	19419	2.01	ug/l	97

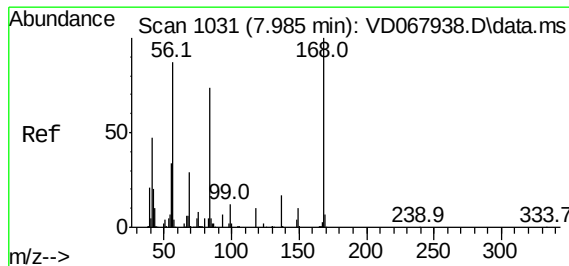
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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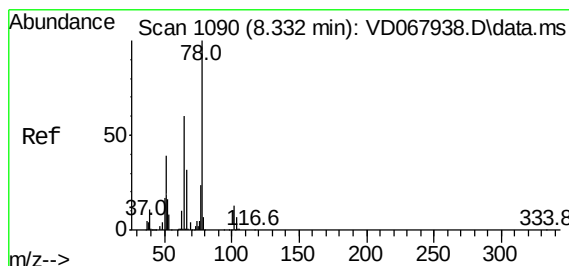
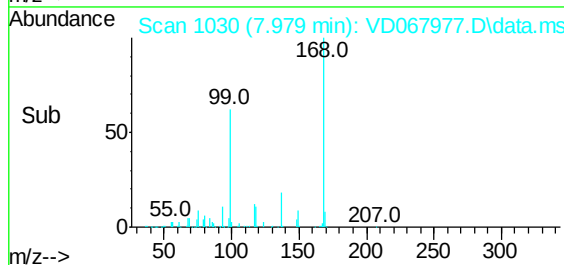
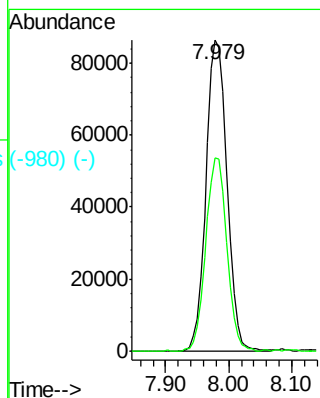
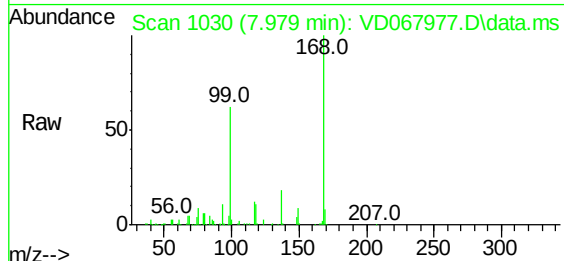




(-1019) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067977.D
Acq: 30 Dec 2020 15:38

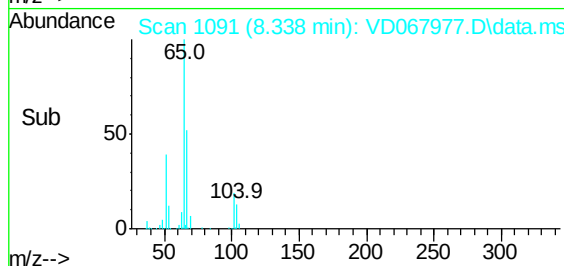
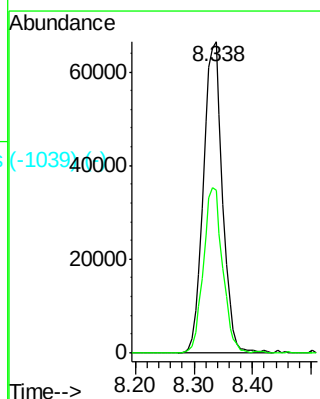
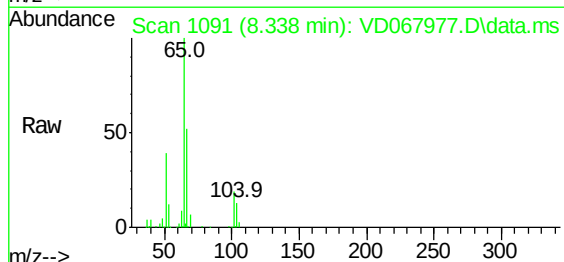
Instrument :
MSVOA_D
ClientSampleId :
HR-01-123020

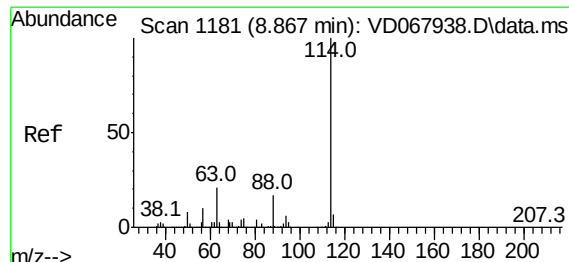
Tgt Ion:168 Resp: 198478
Ion Ratio Lower Upper
168 100
99 62.1 48.0 72.0



(-1080) (-)
1,2-Dichloroethane-d4
Concen: 70.00 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD067977.D
Acq: 30 Dec 2020 15:38

Tgt Ion: 65 Resp: 150026
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.0



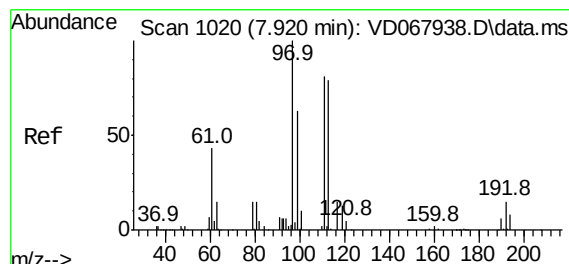
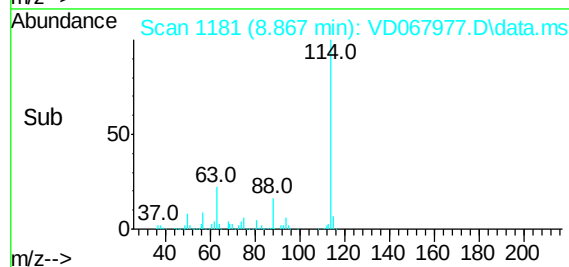
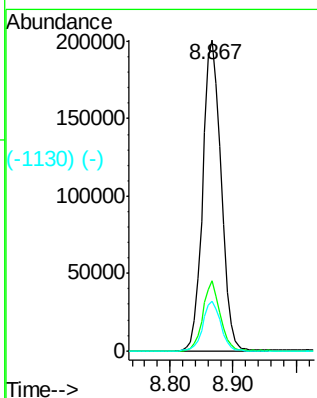
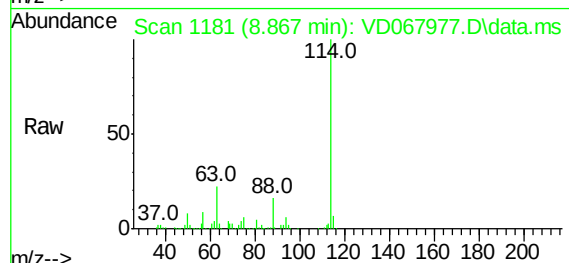


(-114) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VD067977.D
 Acq: 30 Dec 2020 15:38

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-123020

Tgt Ion:114 Resp: 405178

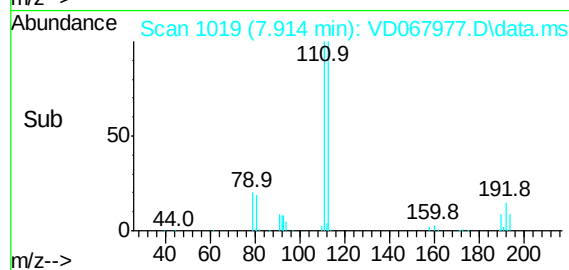
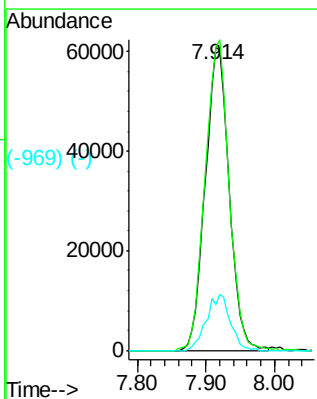
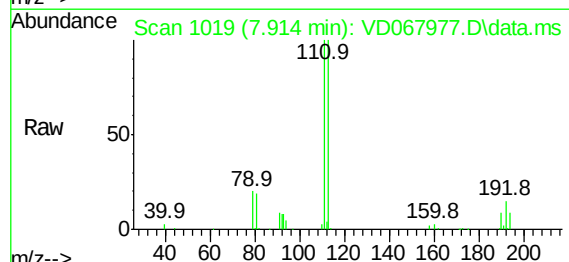
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	41.4
88	16.0	0.0	33.2

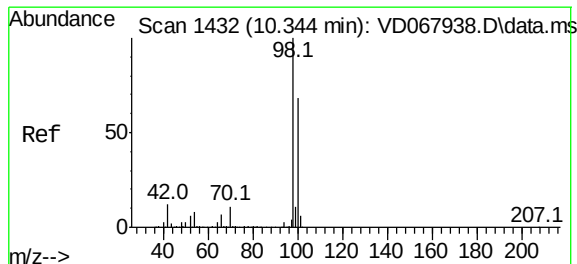


(-113) (-)
 Dibromofluoromethane
 Concen: 58.04 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VD067977.D
 Acq: 30 Dec 2020 15:38

Tgt Ion:113 Resp: 148172

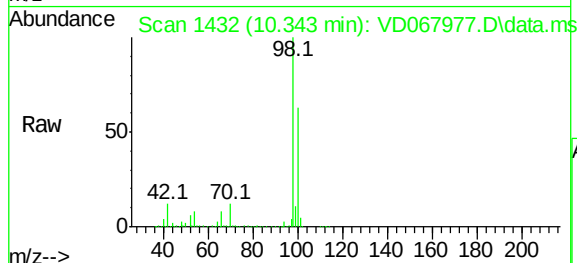
Ion	Ratio	Lower	Upper
113	100		
111	102.5	79.3	118.9
192	18.3	14.5	21.7



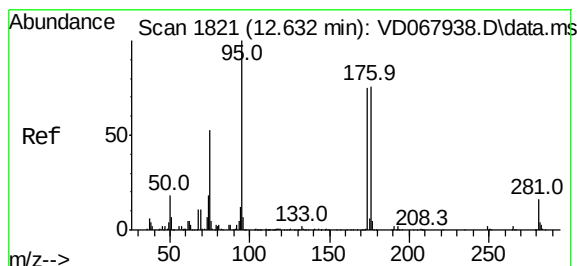
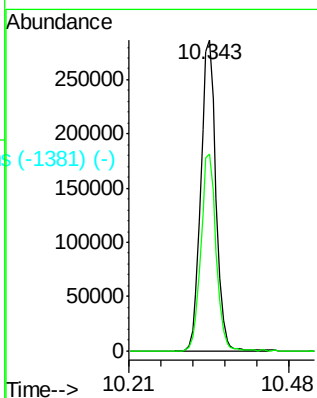
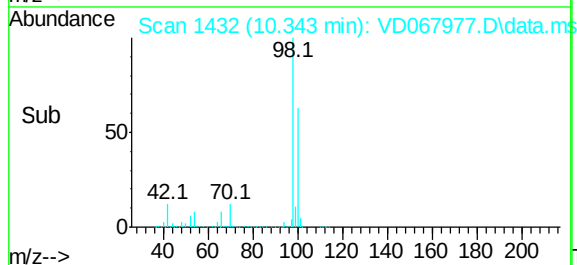


#5022 (-)
Toluene-d8
Concen: 53.53 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD067977.D
Acq: 30 Dec 2020 15:38

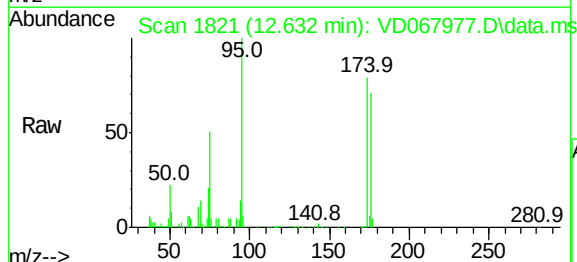
Instrument :
MSVOA_D
ClientSampleId :
HR-01-123020



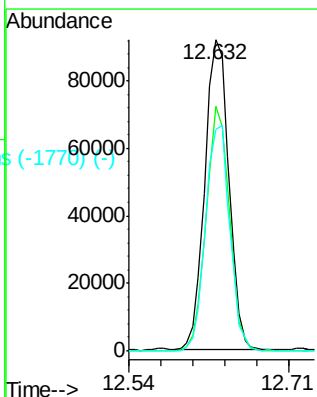
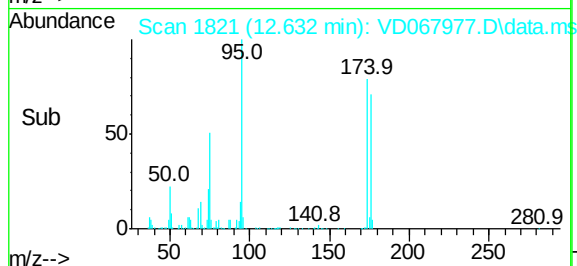
Tgt Ion: 98 Resp: 513712
Ion Ratio Lower Upper
98 100
100 63.6 52.5 78.7

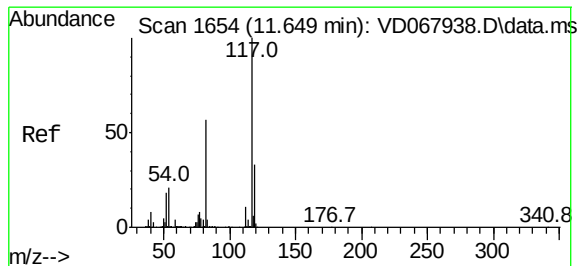


#6213 (-)
4-Bromofluorobenzene
Concen: 46.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD067977.D
Acq: 30 Dec 2020 15:38



Tgt Ion: 95 Resp: 153957
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.6
176 72.9 0.0 151.2

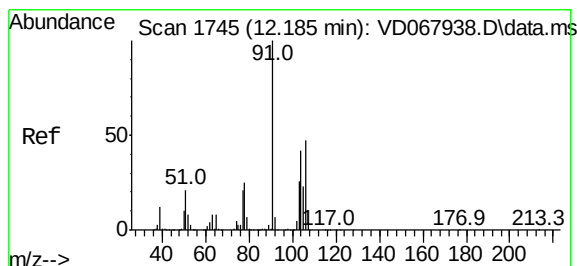
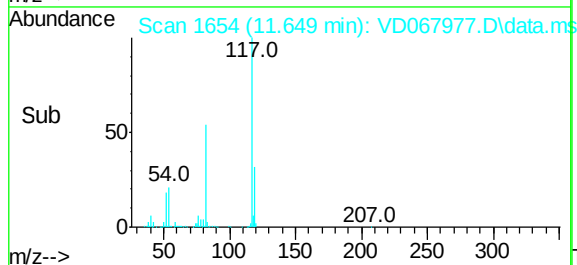
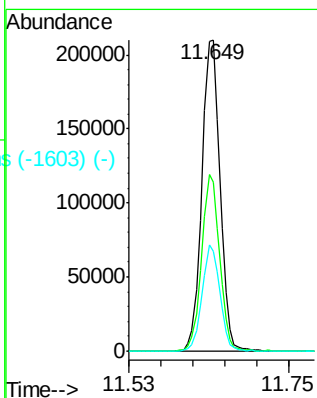
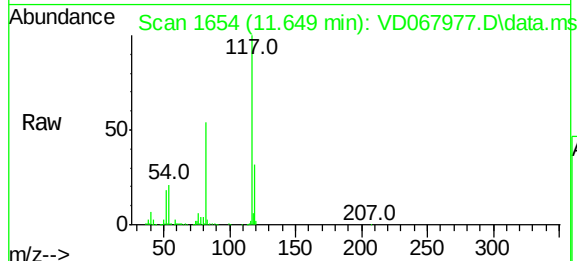




#1644 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD067977.D
Acq: 30 Dec 2020 15:38

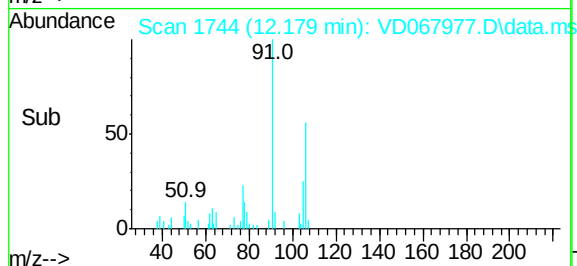
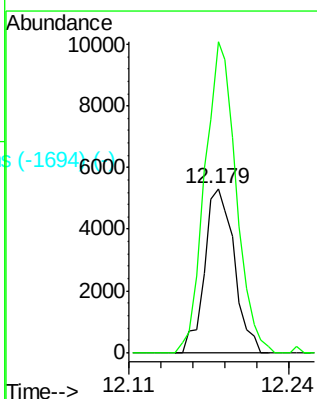
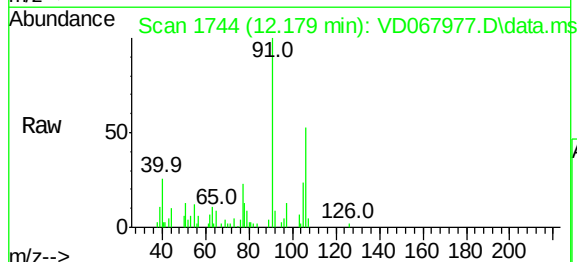
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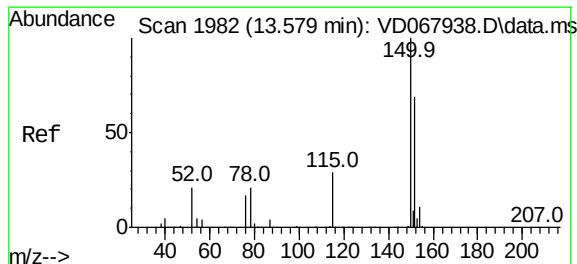
Tgt Ion:117 Resp: 364584
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.2 26.7 40.1



#1637 (-)
o-Xylene
Concen: 1.88 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD067977.D
Acq: 30 Dec 2020 15:38

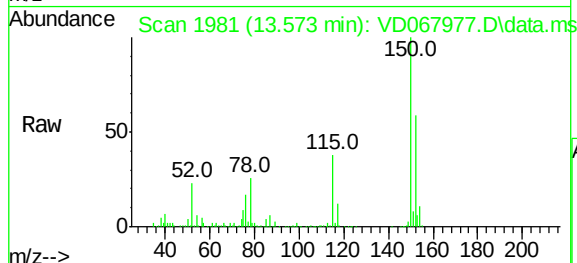
Tgt Ion:106 Resp: 8995
Ion Ratio Lower Upper
106 100
91 200.8 106.0 317.9



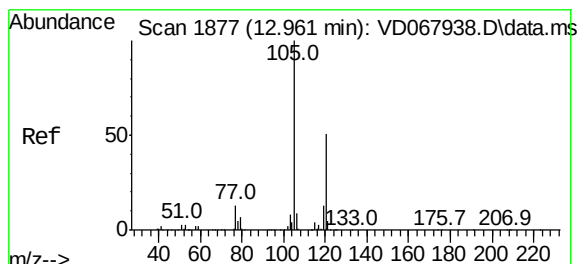
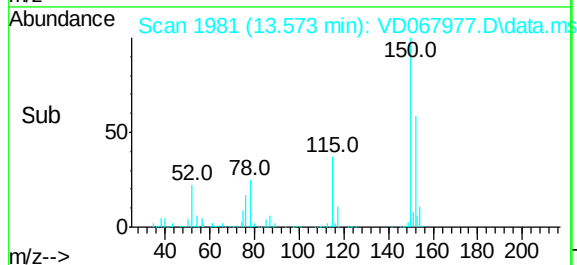
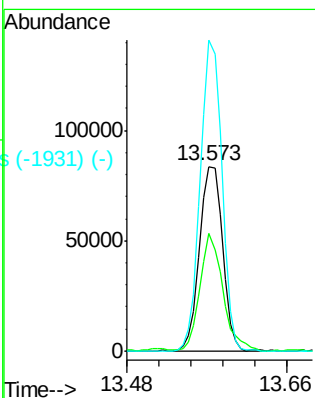


#1973 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.006 min
 Lab File: VD067977.D
 Acq: 30 Dec 2020 15:38

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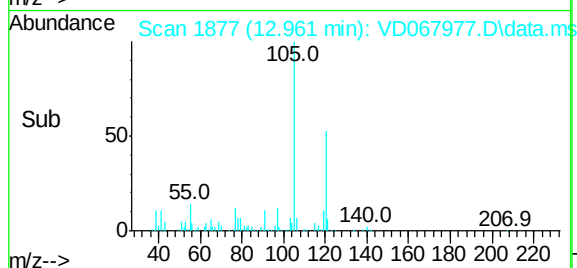
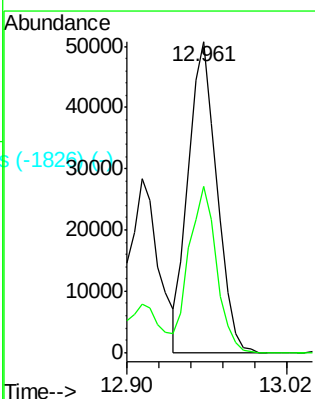
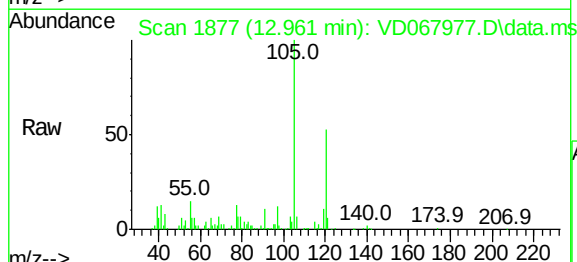


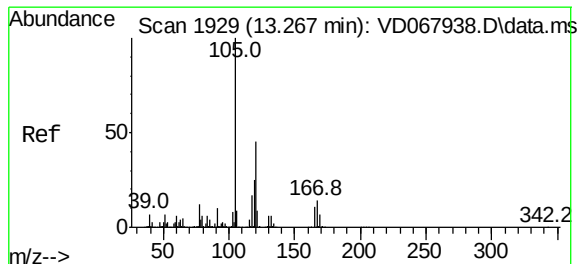
Tgt Ion:152 Resp: 147637
 Ion Ratio Lower Upper
 152 100
 115 63.1 29.3 88.0
 150 157.8 0.0 340.0



#1968 (-)
 1,3,5-Trimethylbenzene
 Concen: 8.24 ug/l
 RT: 12.961 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VD067977.D
 Acq: 30 Dec 2020 15:38

Tgt Ion:105 Resp: 74979
 Ion Ratio Lower Upper
 105 100
 120 51.5 24.9 74.6

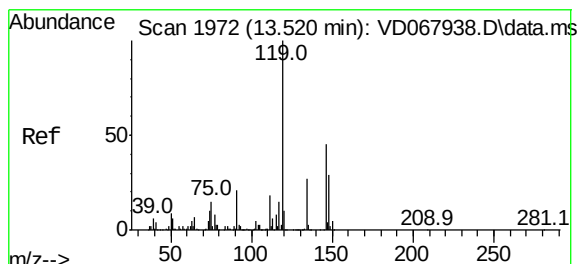
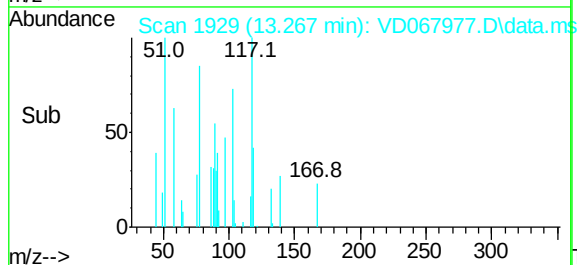
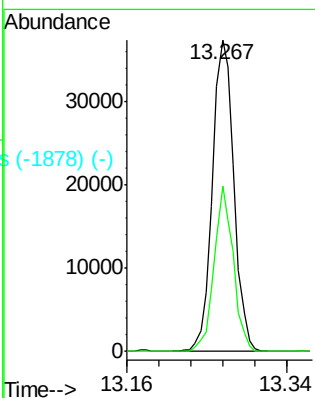
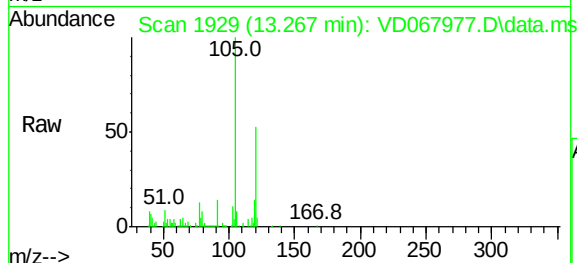




#1916 (-)
 1,2,4-Trimethylbenzene
 Concen: 6.55 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: VD067977.D
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Tgt Ion:	105	Resp:	59789
Ion Ratio	Lower	Upper	
105	100		
120	47.0	22.7	68.0



#1964 (-)
 p-Isopropyltoluene
 Concen: 2.01 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067977.D
 Acq: 30 Dec 2020 15:38

Tgt Ion:	119	Resp:	19419
Ion Ratio	Lower	Upper	
119	100		
134	24.3	13.3	39.9
91	23.6	11.4	34.2

