

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067351.D
 Acq On : 21 Oct 2020 16:49
 Operator : VA/SY
 Sample : L4484-01
 Misc : 4.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11998

Quant Time: Oct 22 01:04:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

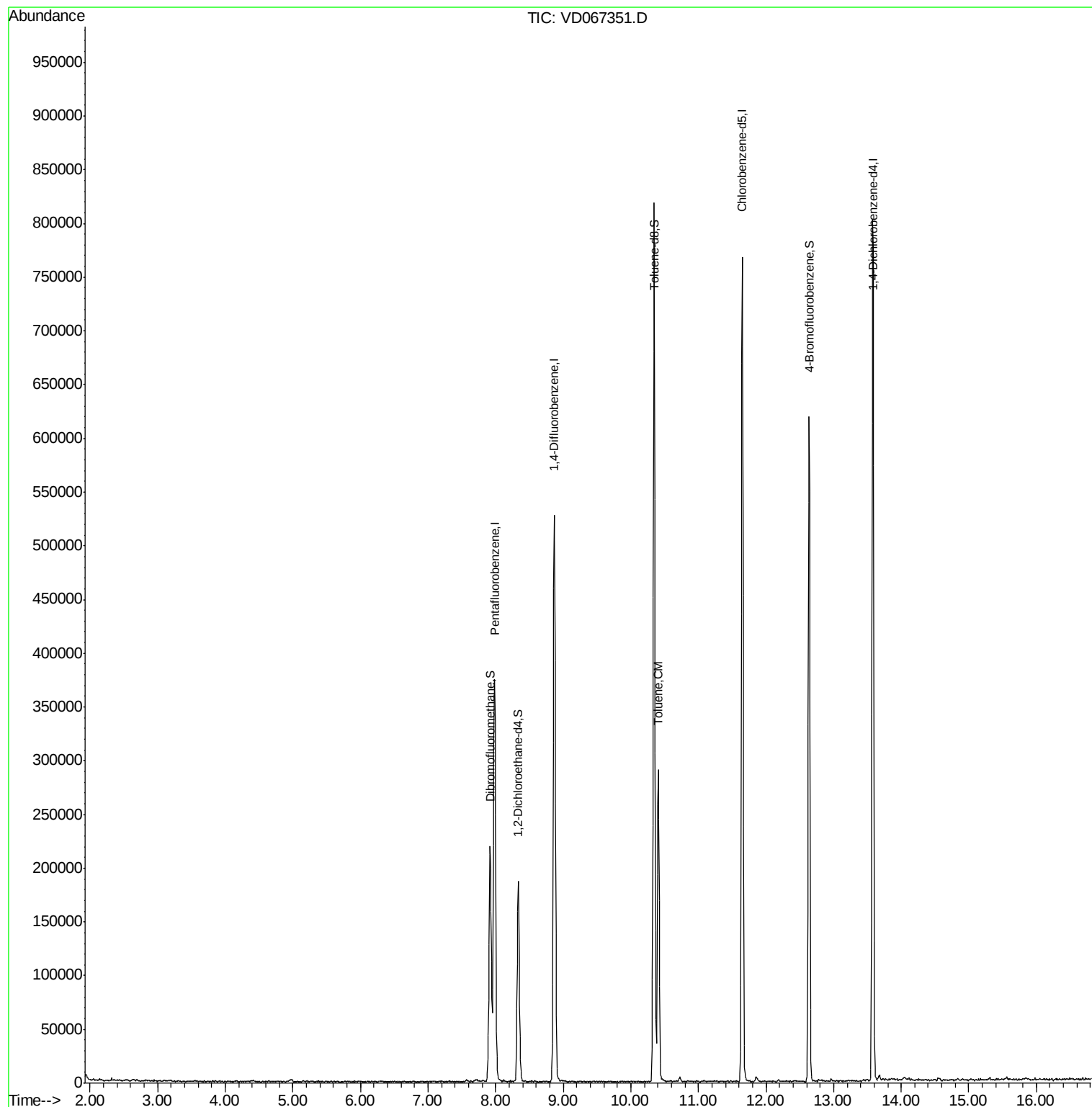
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	290023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	479857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	466621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	233189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	156895	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
35) Dibromofluoromethane	7.91	113	157255	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	10.34	98	559843	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.64	95	204153	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
52) Toluene	10.41	92	130892	17.224	ug/l	Qvalue 96

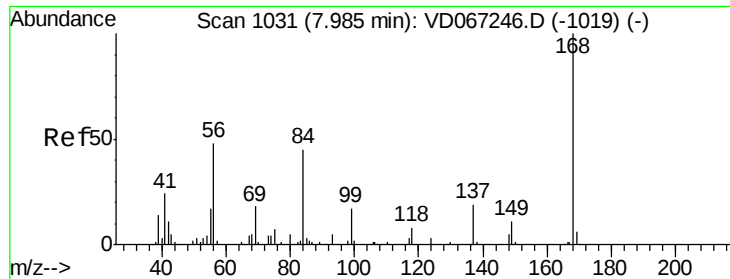
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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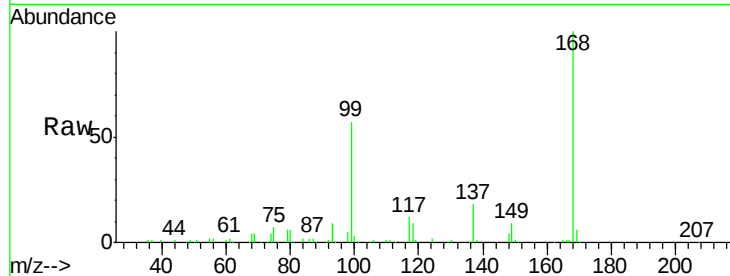




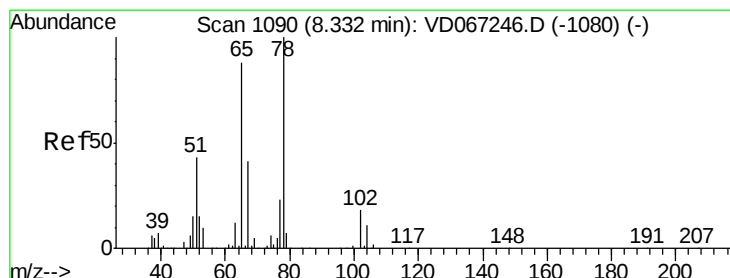
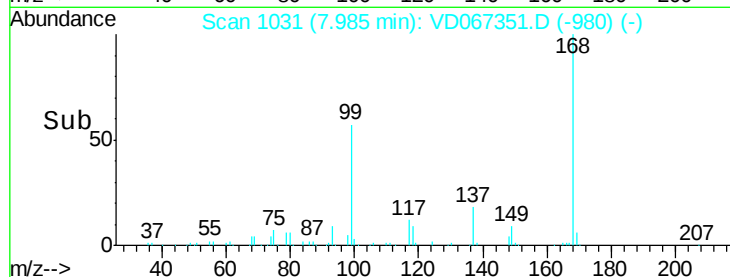
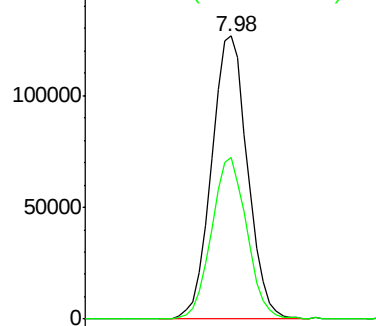
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067351.D
Acq: 21 Oct 2020 16:49

Instrument :
MSVOA_D
ClientSampleId :
72-11998

Tot Ion:168 Resp: 290023
Ion Ratio Lower Upper
168 100
99 57.2 45.9 68.9

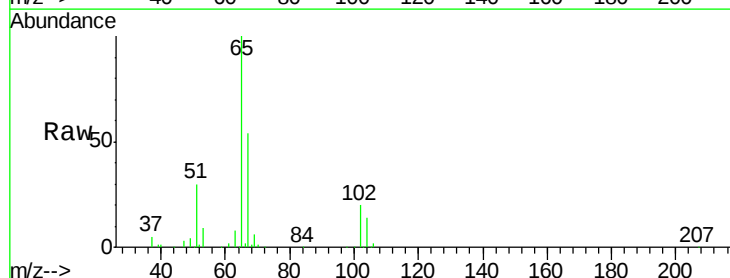


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

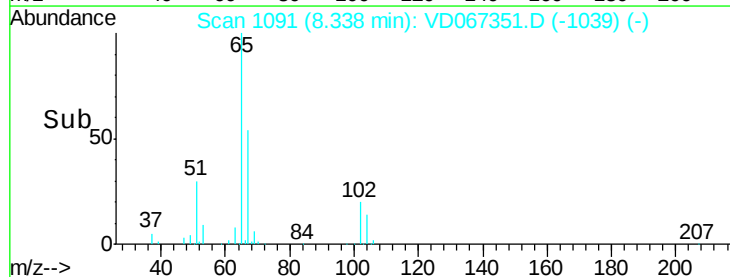
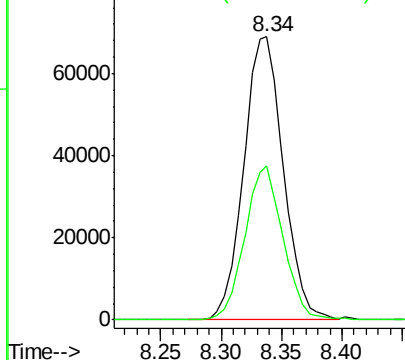


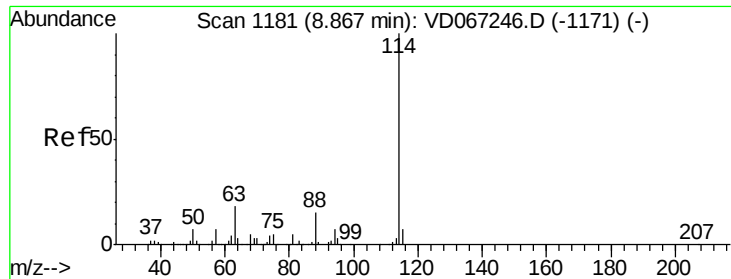
#33
1,2-Dichloroethane-d4
Concen: 53.998 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067351.D
Acq: 21 Oct 2020 16:49

Tgt Ion: 65 Resp: 156895
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

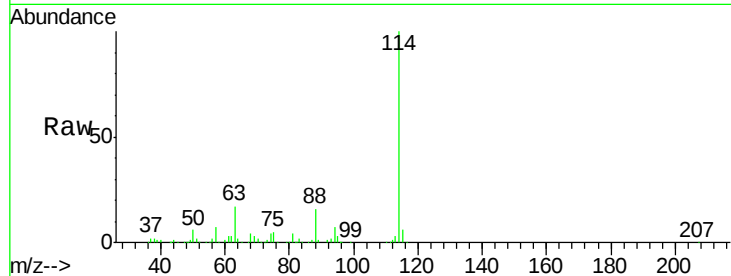




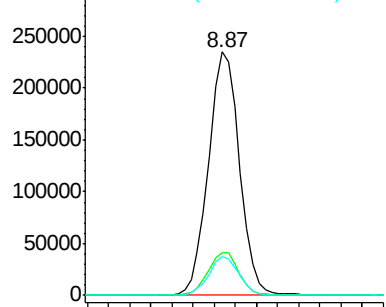
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067351.D
 Acq: 21 Oct 2020 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11998

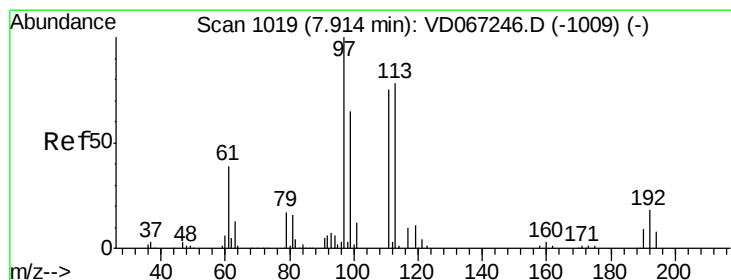
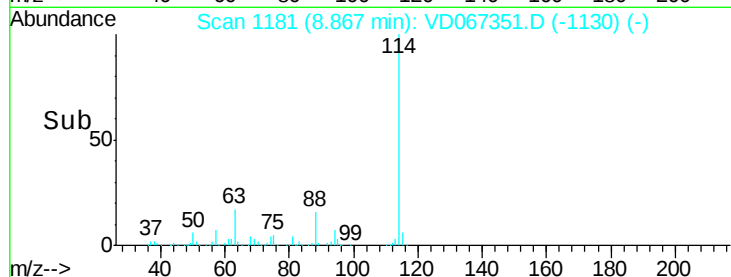
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.0
88	16.0	0.0	30.6



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

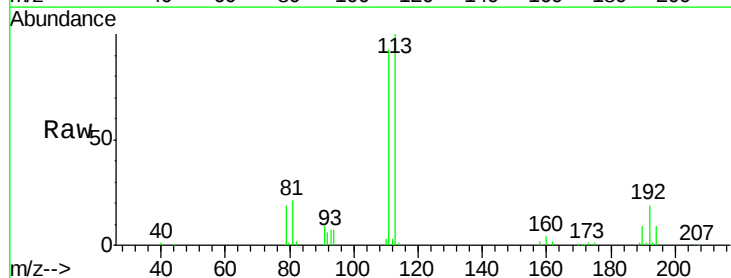


Time-->

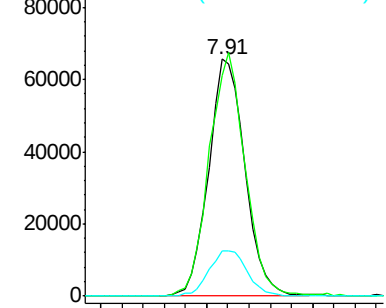


#35
 Dibromofluoromethane
 Concen: 49.243 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067351.D
 Acq: 21 Oct 2020 16:49

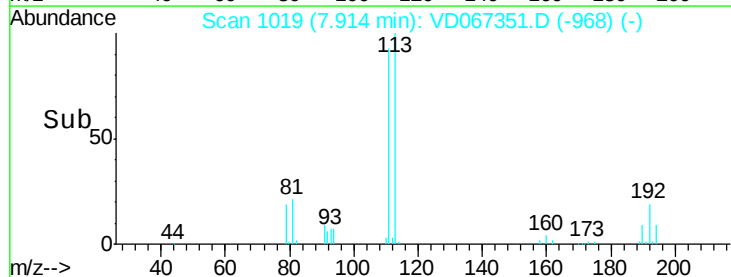
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.6	122.4
192	20.1	17.0	25.4

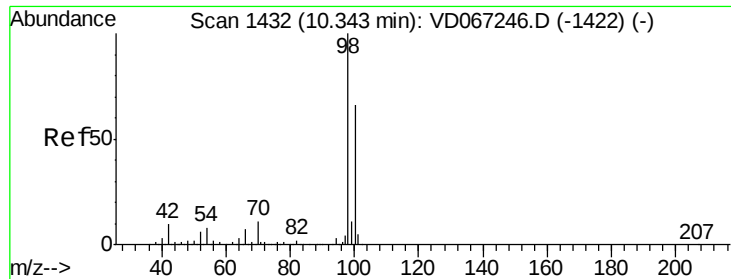


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

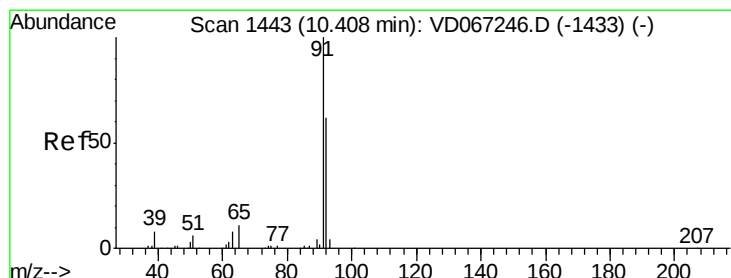
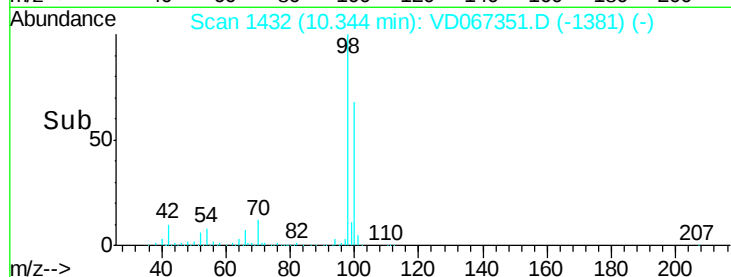
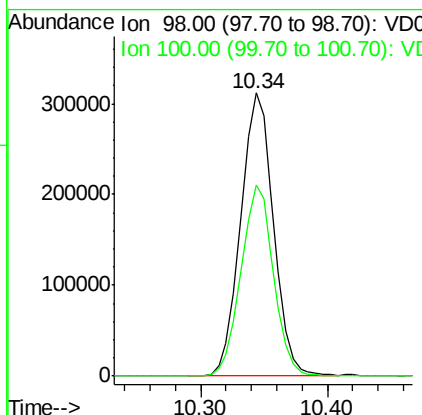
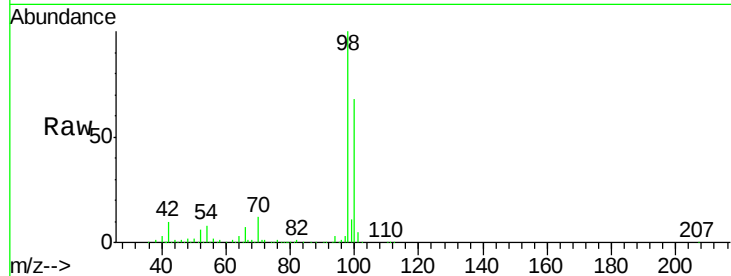




#50
Toluene-d8
Concen: 48.443 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067351.D
Acq: 21 Oct 2020 16:49

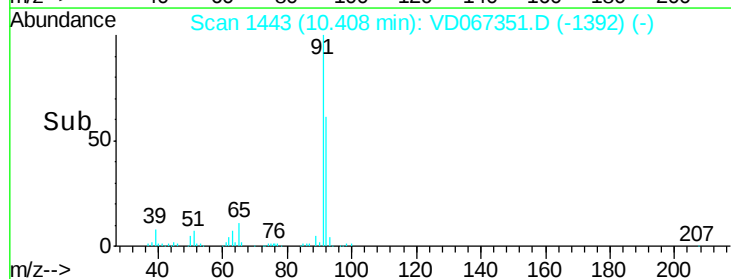
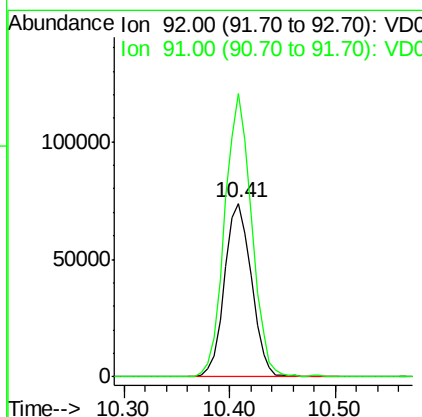
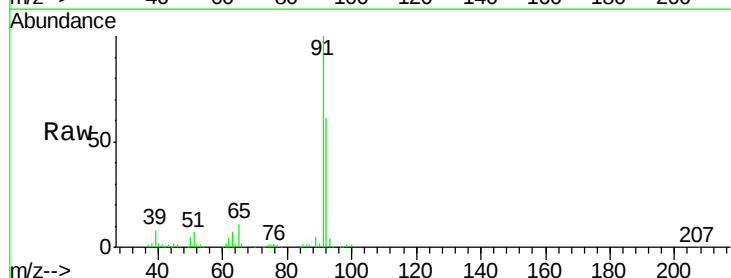
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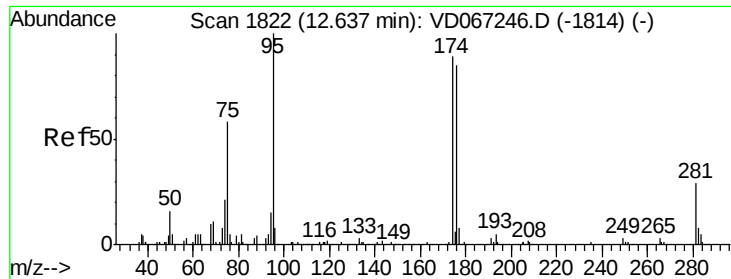
Tot Ion: 98 Resp: 559843
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#52
Toluene
Concen: 17.224 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067351.D
Acq: 21 Oct 2020 16:49

Tgt Ion: 92 Resp: 130892
Ion Ratio Lower Upper
92 100
91 162.3 133.8 200.8

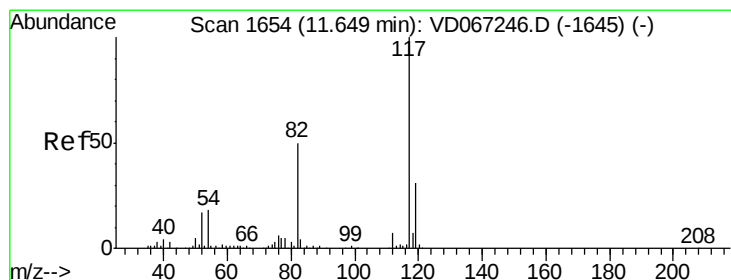
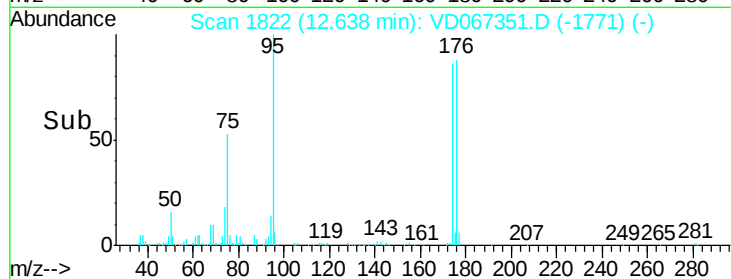
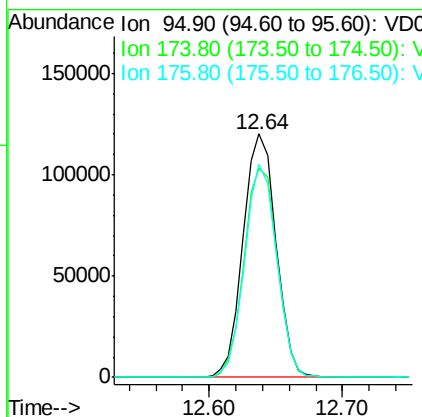
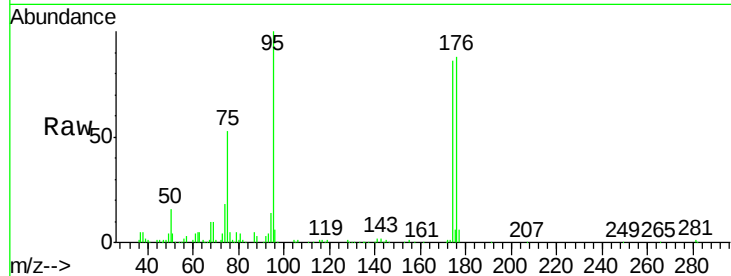




#62
4-Bromofluorobenzene
Concen: 50.803 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067351.D
Acq: 21 Oct 2020 16:49

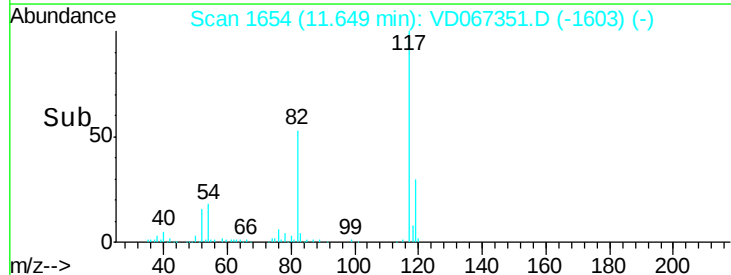
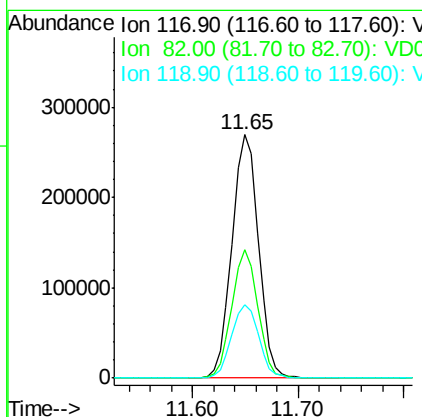
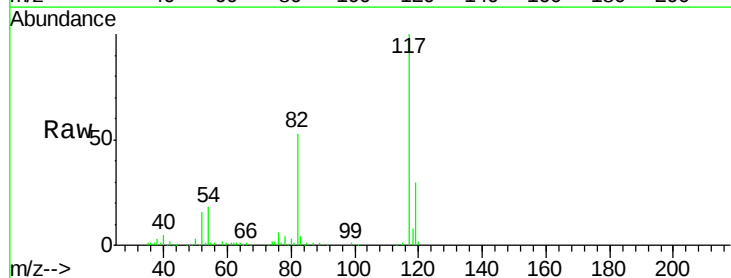
Instrument :
MSVOA_D
ClientSampleId :
72-11998

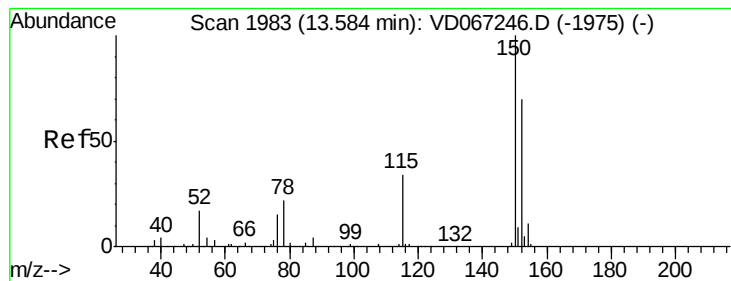
Tot Ion: 95 Resp: 204153
Ion Ratio Lower Upper
95 100
174 86.7 0.0 175.2
176 85.4 0.0 168.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067351.D
Acq: 21 Oct 2020 16:49

Tgt Ion: 117 Resp: 466621
Ion Ratio Lower Upper
117 100
82 52.5 39.9 59.9
119 30.3 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067351.D

Acq: 21 Oct 2020 16:49

Instrument :

MSVOA_D

ClientSampleId :

72-11998

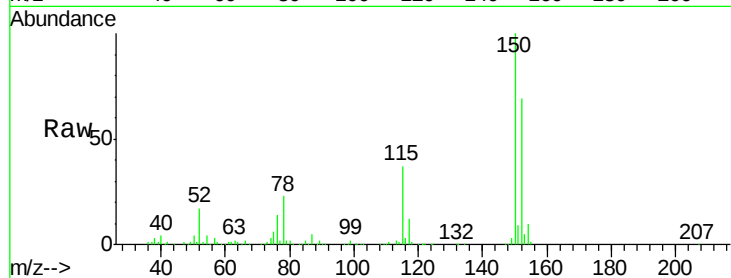
Tot Ion:152 Resp: 233189

Ion Ratio Lower Upper

152 100

115 57.7 29.3 87.9

150 152.9 0.0 339.0



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

