

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067067.D
 Acq On : 03 Oct 2020 07:01
 Operator : VA/SY
 Sample : L4231-01
 Misc : 7.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 337

Quant Time: Oct 03 07:55:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

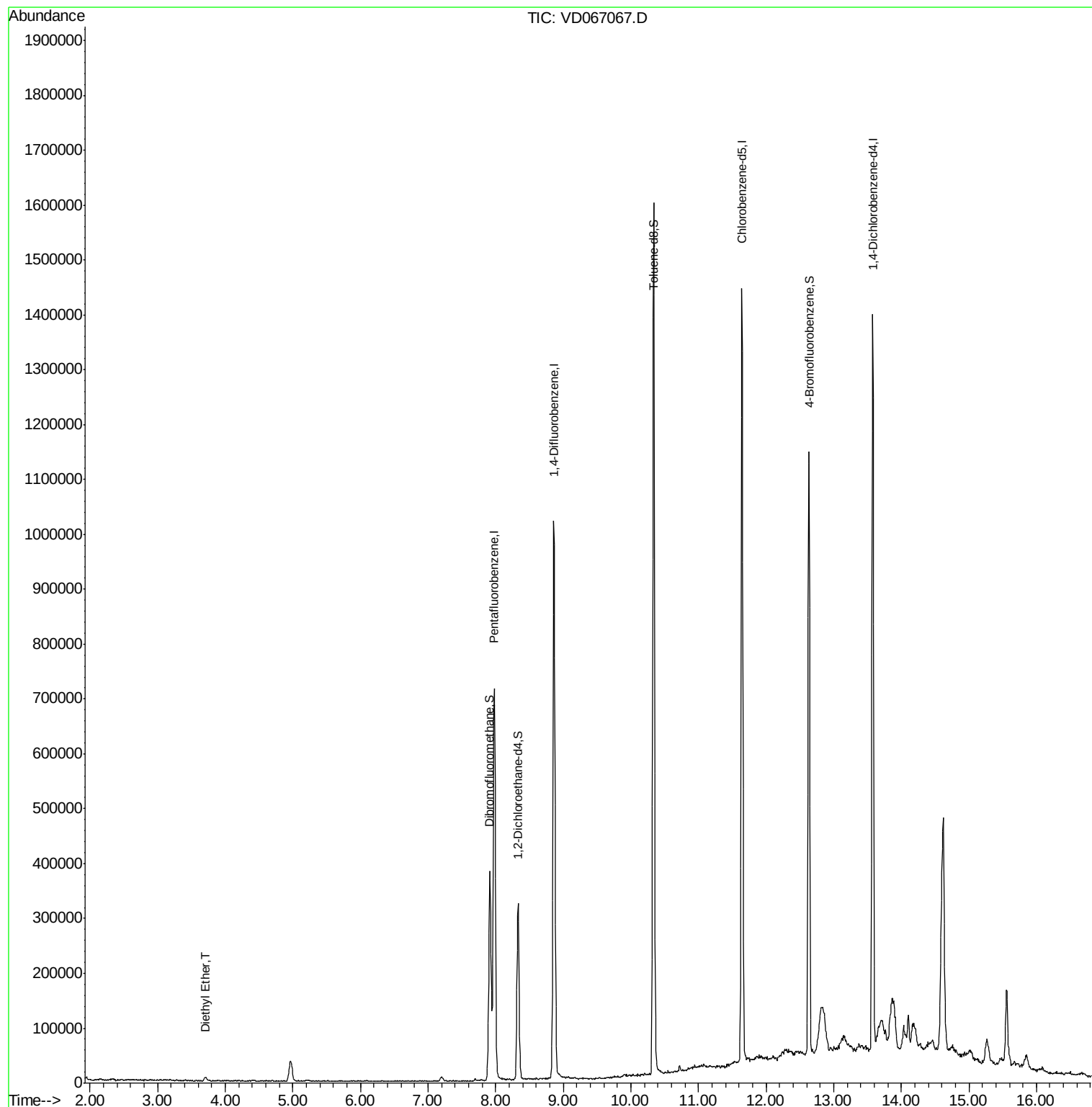
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	552438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	912568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	857637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	249838	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
35) Dibromofluoromethane	7.91	113	278961	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	10.34	98	1086513	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.63	95	372126	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
Target Compounds						
8) Diethyl Ether	3.71	74	3937	1.620	ug/l	Qvalue 79

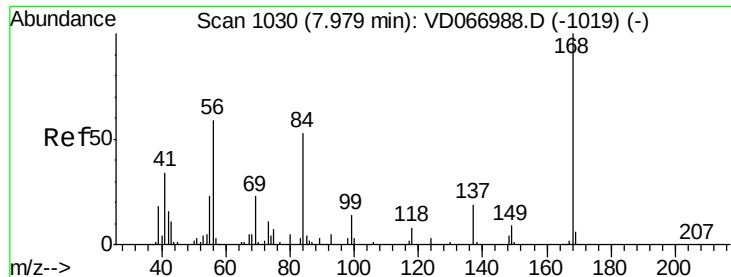
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067067.D

Acq: 03 Oct 2020 07:01

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MSVOA_D

ClientSampleId :

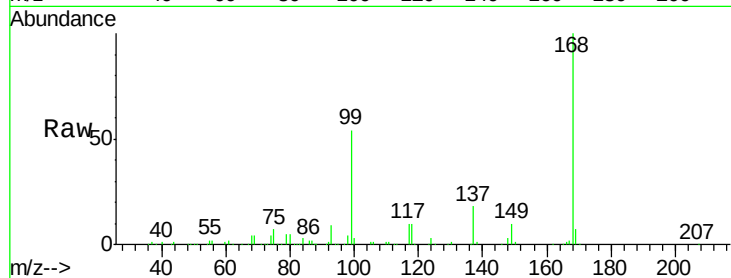
337

Tot Ion:168 Resp: 552438

Ion Ratio Lower Upper

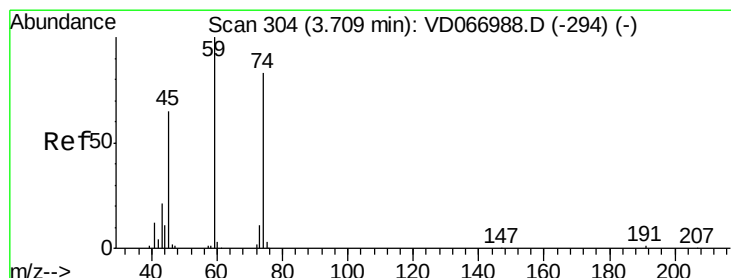
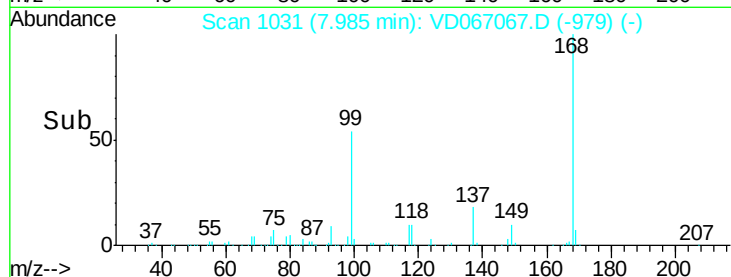
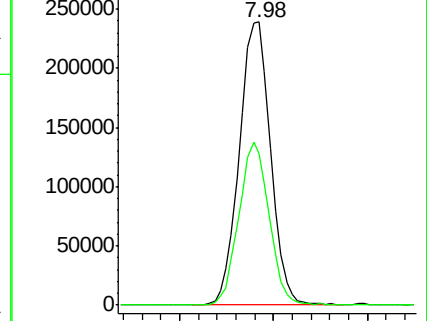
168 100

99 53.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 1.620 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD067067.D

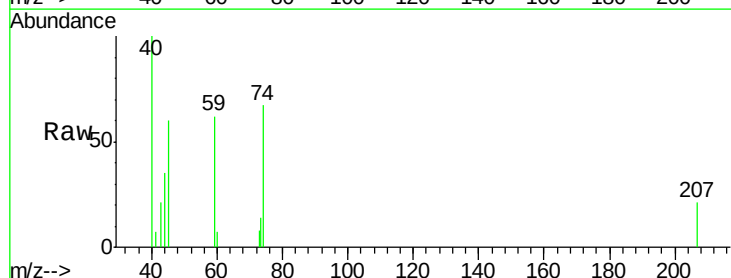
Acq: 03 Oct 2020 07:01

Tgt Ion: 74 Resp: 3937

Ion Ratio Lower Upper

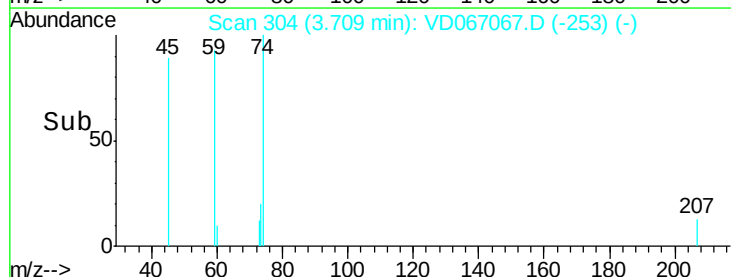
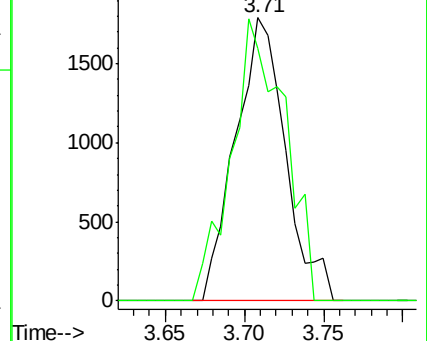
74 100

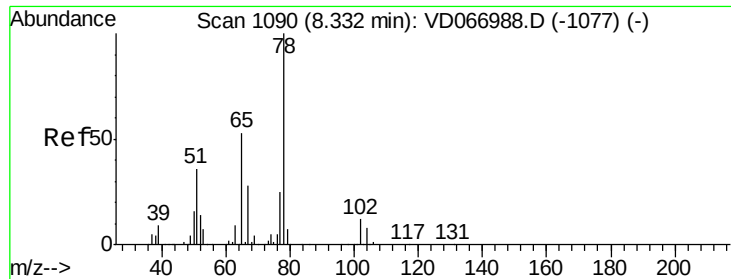
45 105.4 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

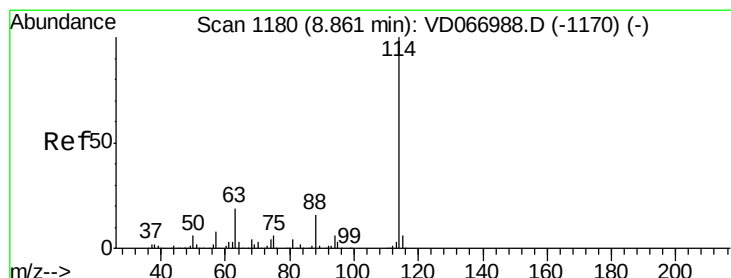
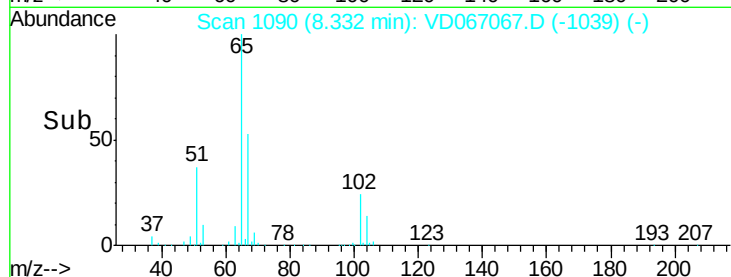
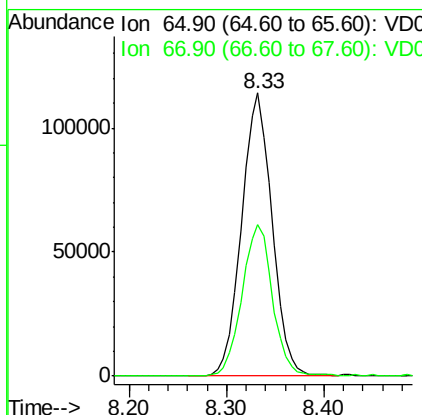
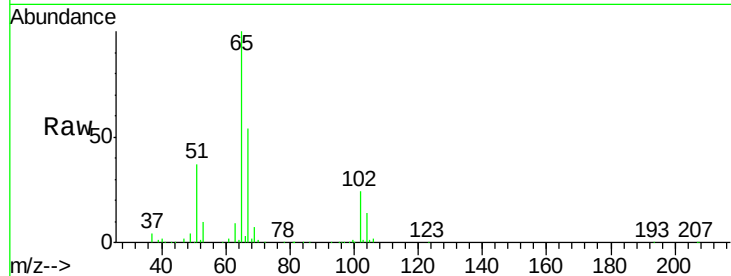




#33
 1,2-Dichloroethane-d4
 Concen: 46.953 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067067.D
 Acq: 03 Oct 2020 07:01

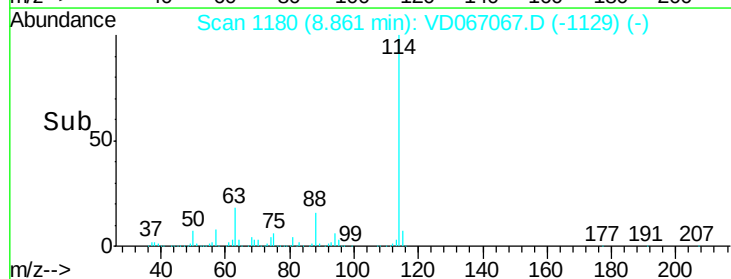
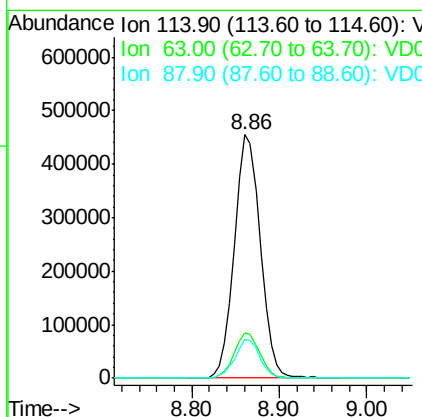
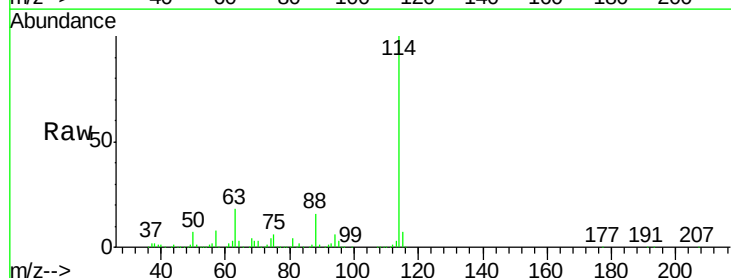
Instrument :
 MSVOA_D
 ClientSampled :
 337

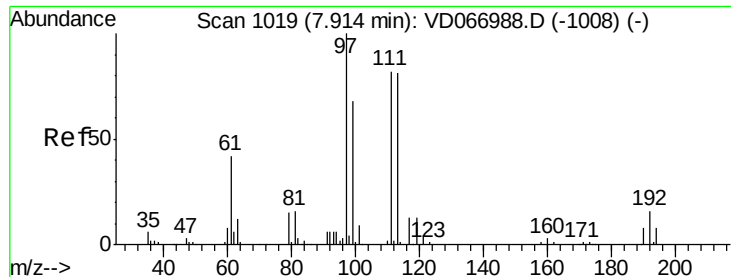
Tot Ion: 65 Resp: 249838
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067067.D
 Acq: 03 Oct 2020 07:01

Tgt Ion: 114 Resp: 912568
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.4
 88 15.8 0.0 31.2

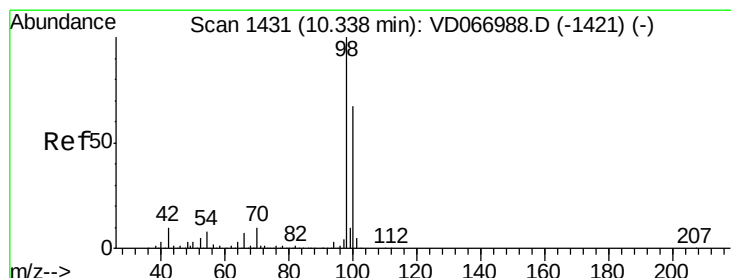
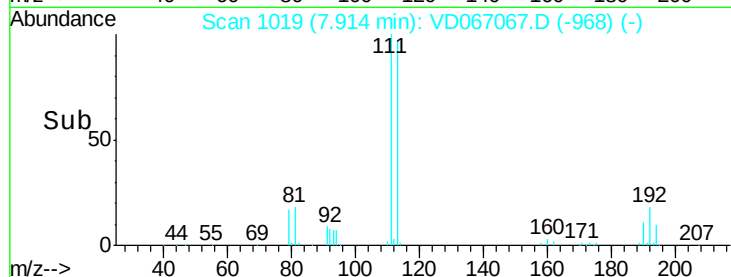
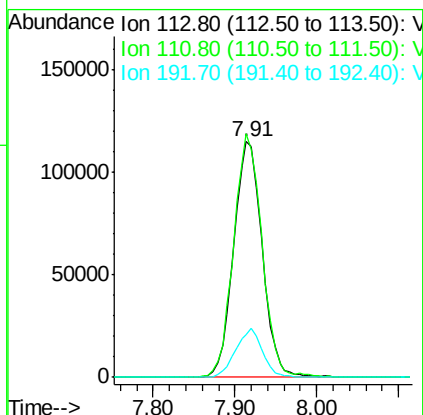
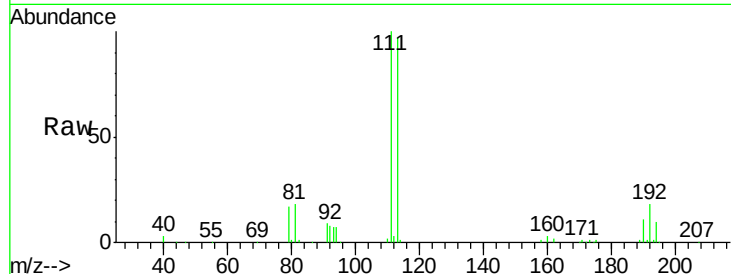




#35
 Dibromofluoromethane
 Concen: 46.693 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067067.D
 Acq: 03 Oct 2020 07:01

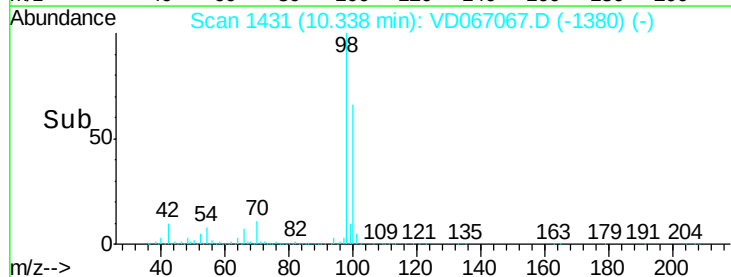
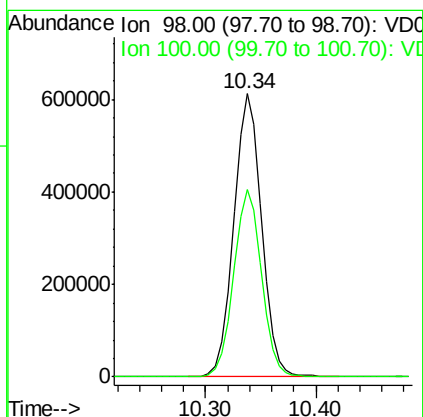
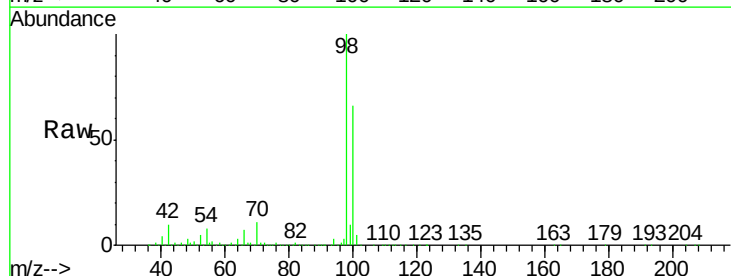
Instrument :
 MSVOA_D
 ClientSampleId :
 337

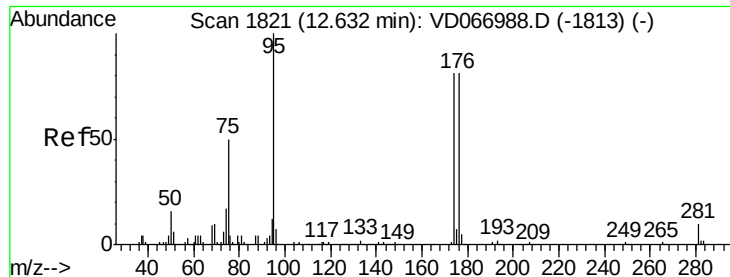
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	19.4	15.5	23.3



#50
 Toluene-d8
 Concen: 49.909 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067067.D
 Acq: 03 Oct 2020 07:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.8	79.2

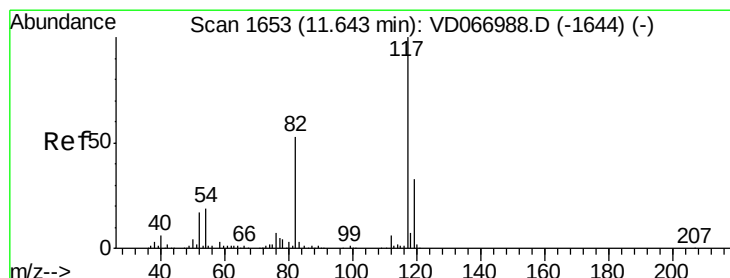
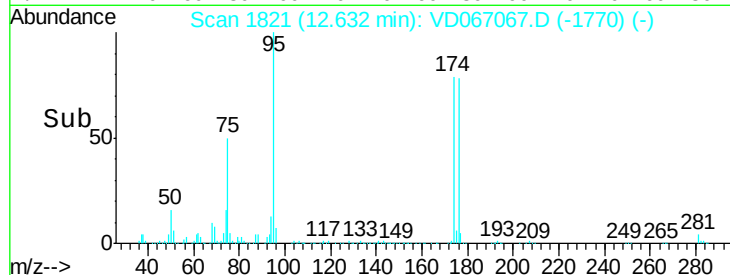
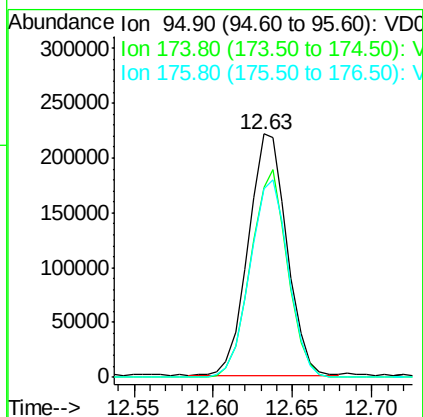
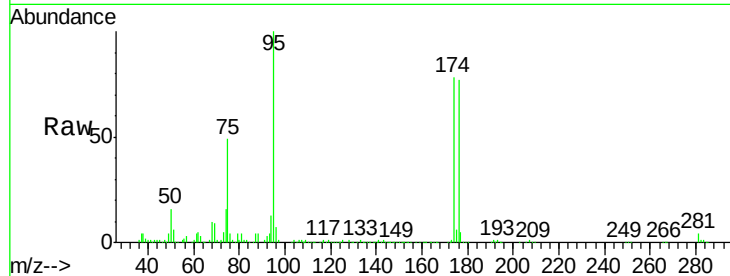




#62
4-Bromofluorobenzene
Concen: 50.353 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067067.D
Acq: 03 Oct 2020 07:01

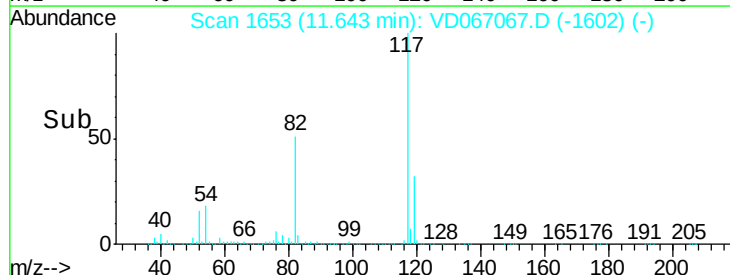
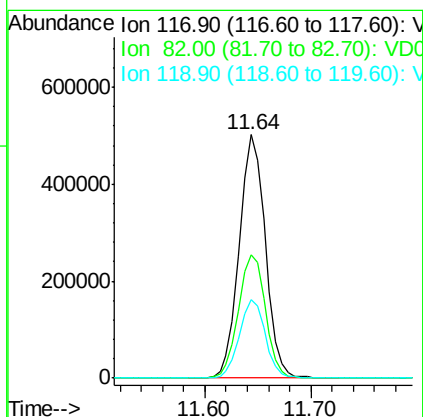
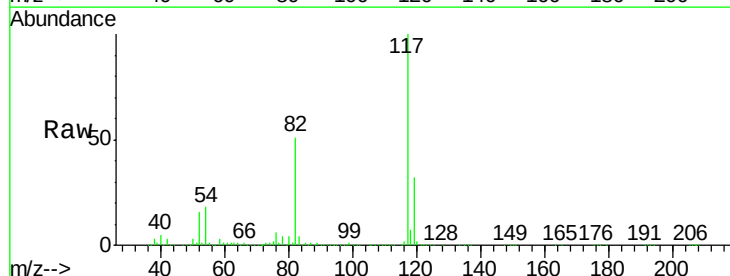
Instrument :
MSVOA_D
ClientSampleId :
337

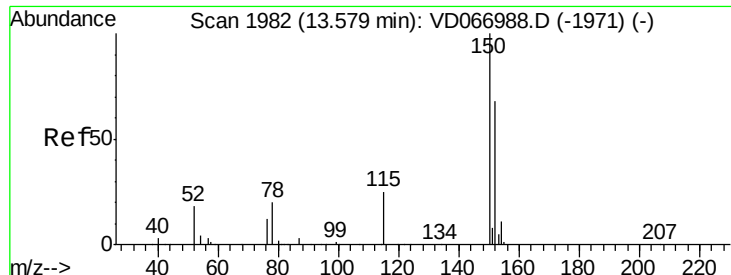
Tot Ion: 95 Resp: 372126
Ion Ratio Lower Upper
95 100
174 82.3 0.0 167.6
176 81.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067067.D
Acq: 03 Oct 2020 07:01

Tgt Ion: 117 Resp: 857637
Ion Ratio Lower Upper
117 100
82 50.6 42.6 63.8
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067067.D

Acq: 03 Oct 2020 07:01

Instrument :

MSVOA_D

ClientSampleId :

337

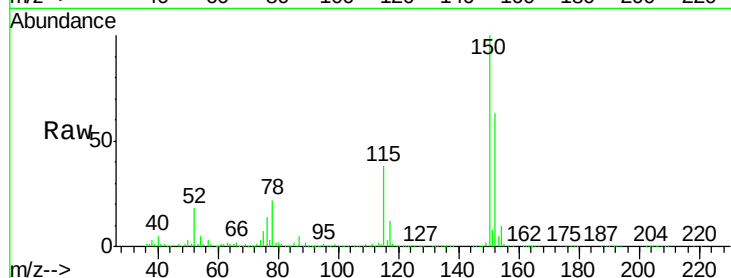
Tot Ion:152 Resp: 377538

Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.8

150 155.7 0.0 344.8



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

