

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067393.D
 Acq On : 26 Oct 2020 15:35
 Operator : VA/SY
 Sample : L4510-04
 Misc : 6.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-4

Quant Time: Oct 27 01:23:46 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

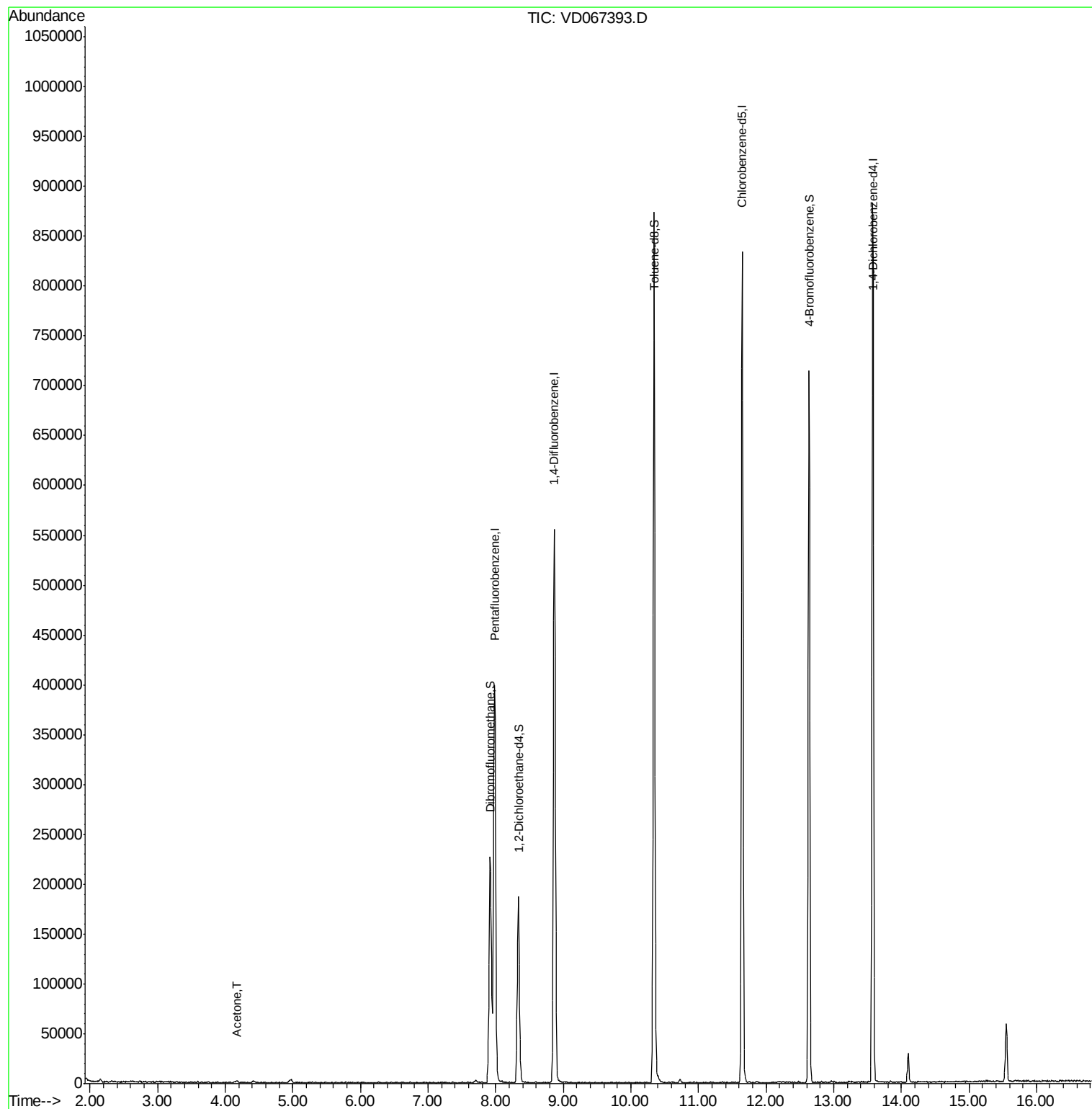
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	304627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	500587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	482202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	157907	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	7.92	113	157898	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.34	98	584713	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.64	95	205238	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
16) Acetone	4.16	43	2857	6.684	ug/l #	Qvalue 82

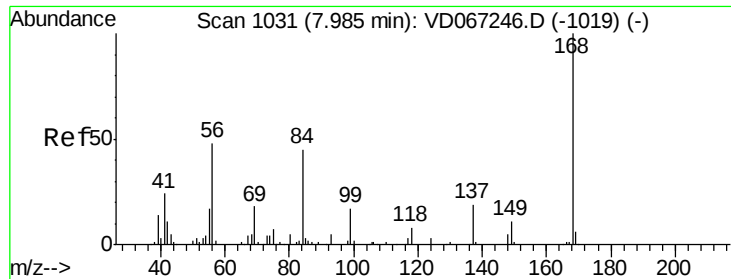
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102620\
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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: VD067393.D

Acq: 26 Oct 2020 15:35

Instrument :

MSVOA_D

ClientSampleId :

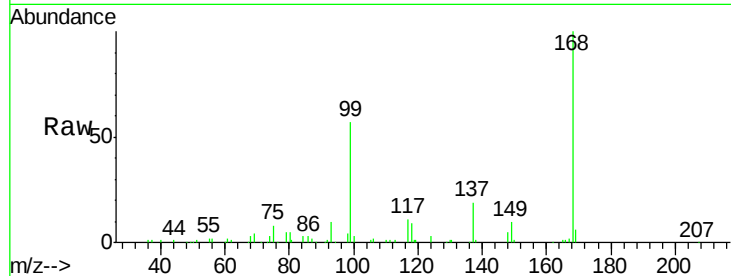
VOC-4

Tot Ion:168 Resp: 304627

Ion Ratio Lower Upper

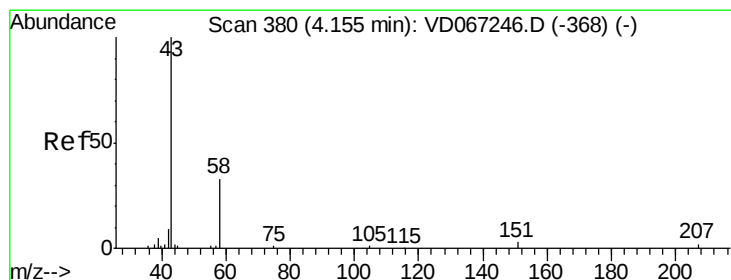
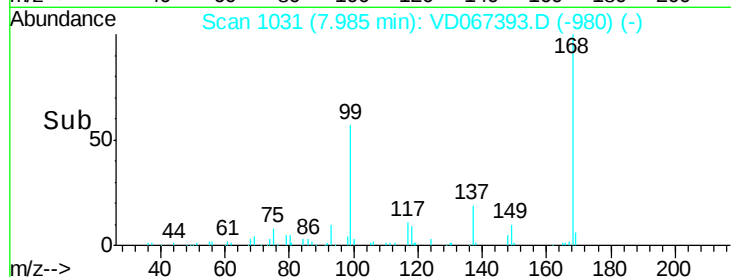
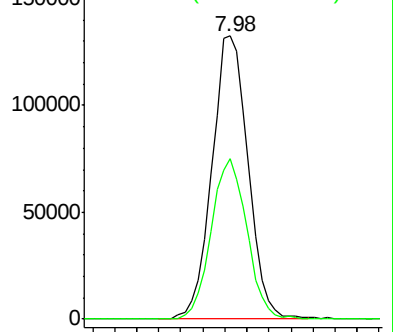
168 100

99 56.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 6.684 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067393.D

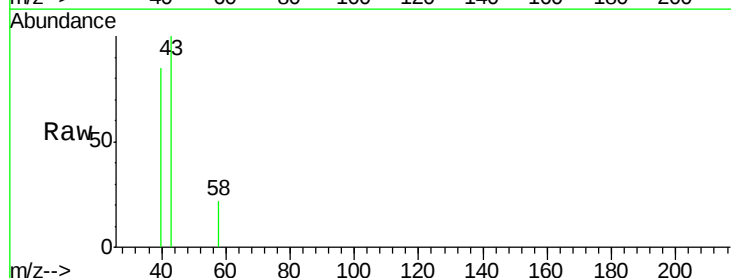
Acq: 26 Oct 2020 15:35

Tgt Ion: 43 Resp: 2857

Ion Ratio Lower Upper

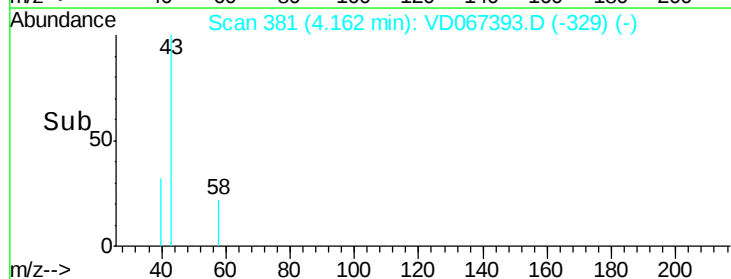
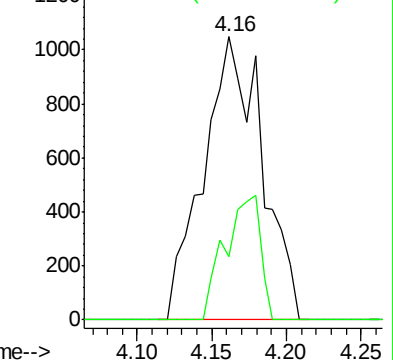
43 100

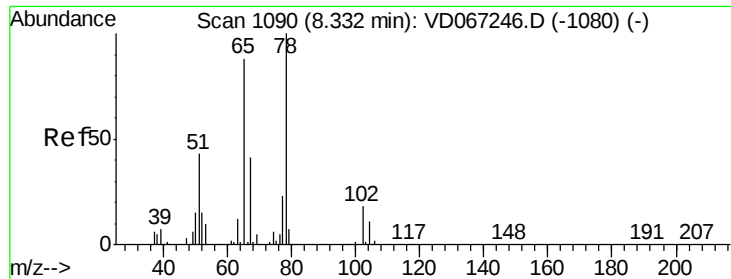
58 22.3 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

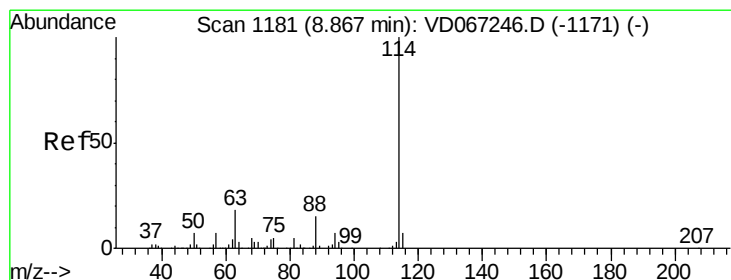
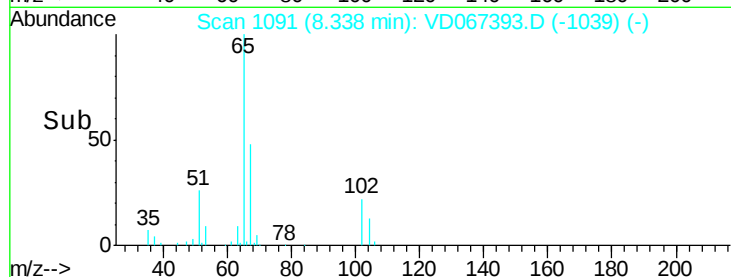
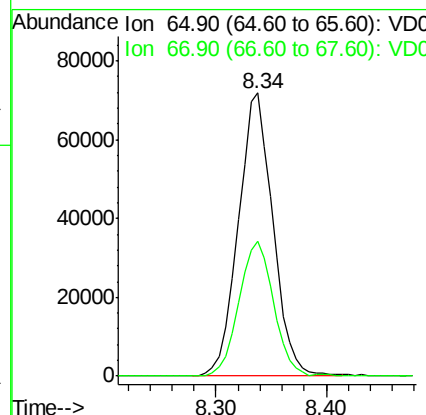
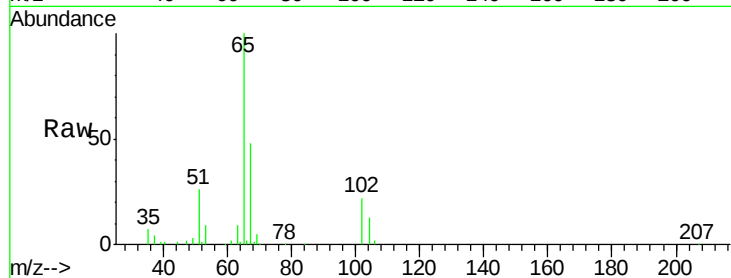




#33
 1,2-Dichloroethane-d4
 Concen: 51.740 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067393.D
 Acq: 26 Oct 2020 15:35

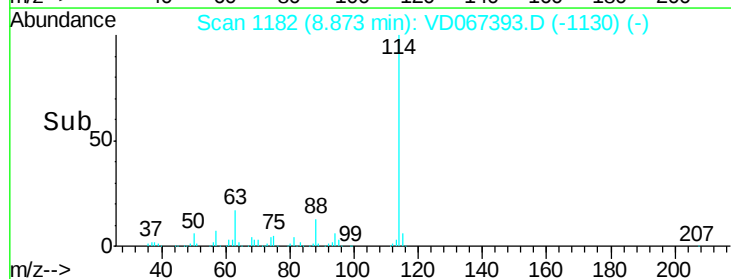
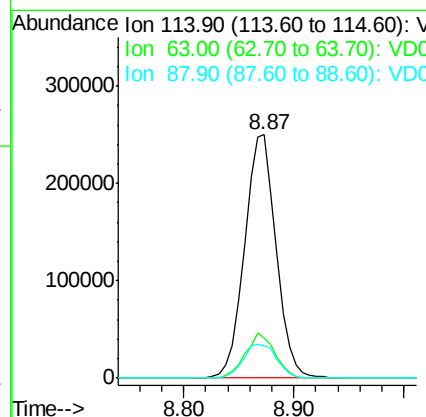
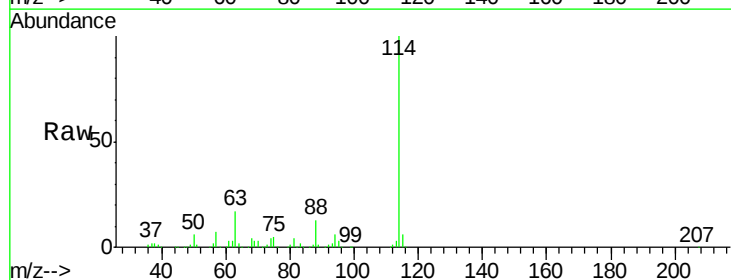
Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-4

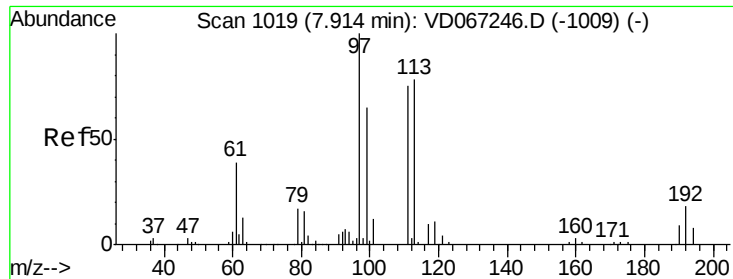
Tot Ion: 65 Resp: 157907
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD067393.D
 Acq: 26 Oct 2020 15:35

Tgt Ion: 114 Resp: 500587
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 35.0
 88 13.5 0.0 30.6

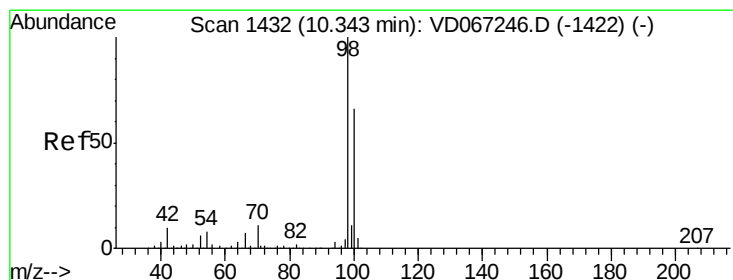
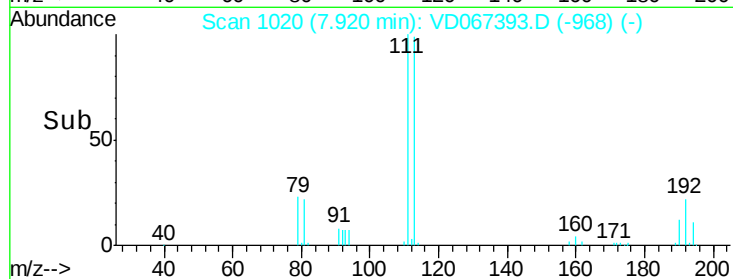
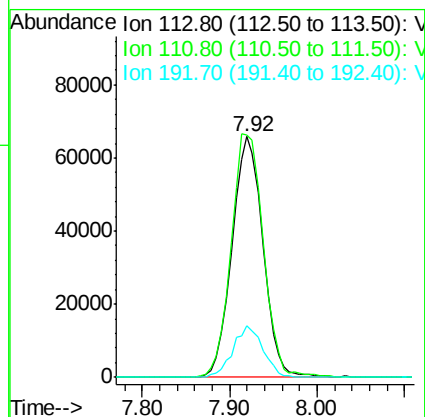
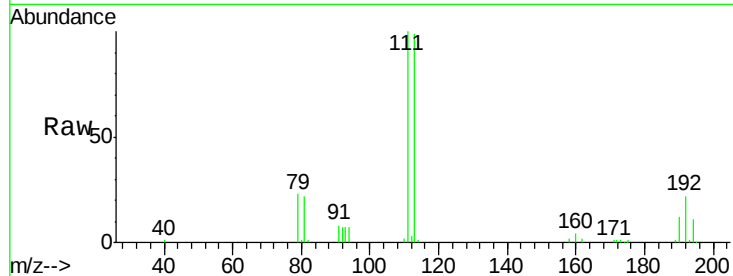




#35
 Dibromofluoromethane
 Concen: 47.397 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067393.D
 Acq: 26 Oct 2020 15:35

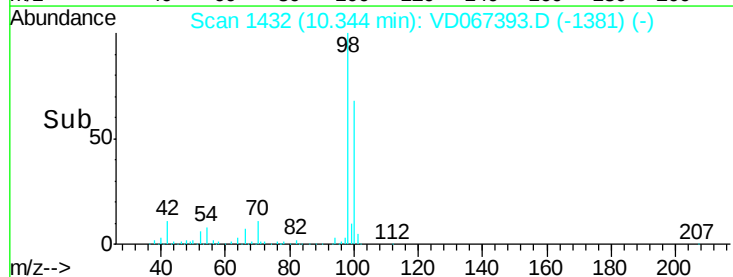
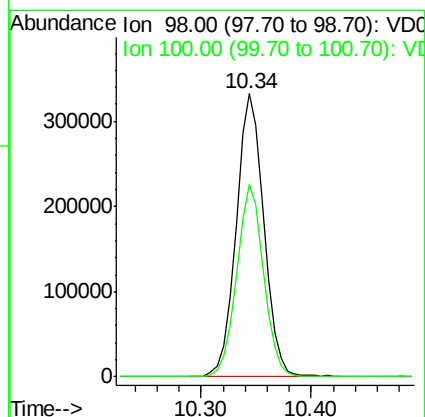
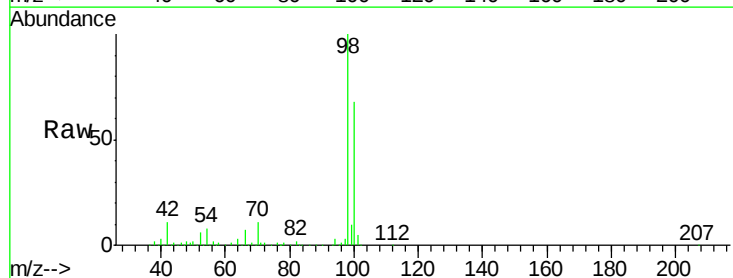
Instrument :
 MSVOA_D
 ClientSampled :
 VOC-4

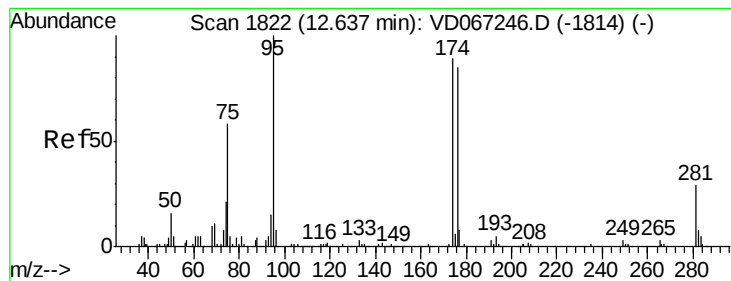
Tot Ion:113 Resp: 157898
 Ion Ratio Lower Upper
 113 100
 111 105.4 81.6 122.4
 192 20.9 17.0 25.4



#50
 Toluene-d8
 Concen: 48.499 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067393.D
 Acq: 26 Oct 2020 15:35

Tgt Ion: 98 Resp: 584713
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.958 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067393.D

Acq: 26 Oct 2020 15:35

Instrument :

MSVOA_D

ClientSampleId :

VOC-4

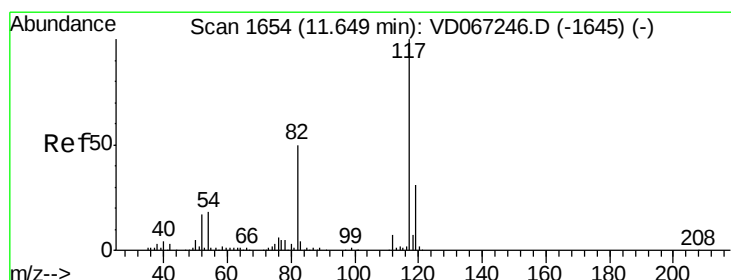
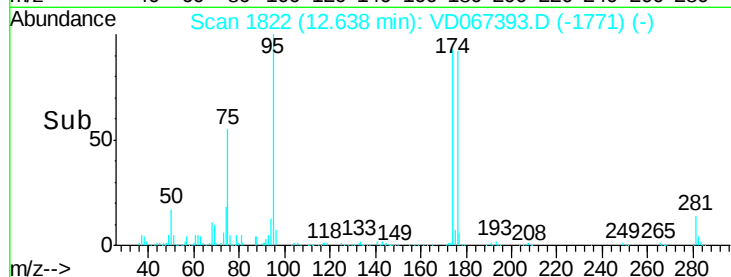
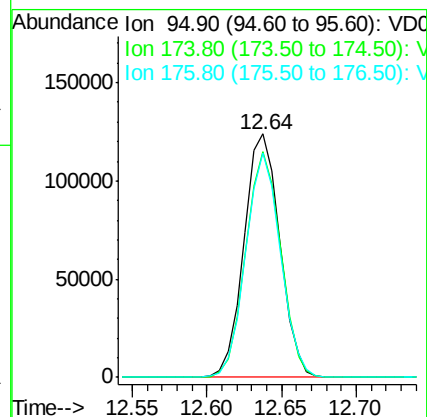
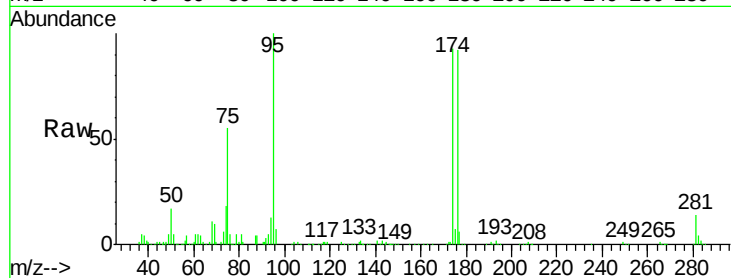
Tot Ion: 95 Resp: 205238

Ion Ratio Lower Upper

95 100

174 90.8 0.0 175.2

176 89.5 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: VD067393.D

Acq: 26 Oct 2020 15:35

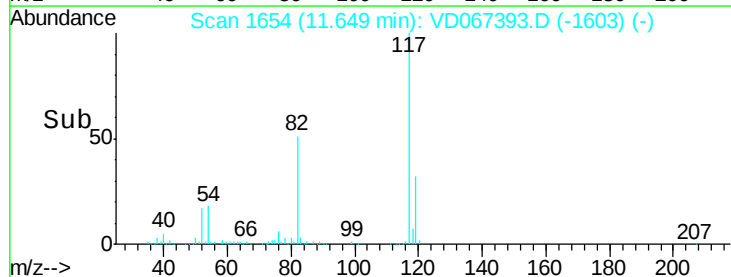
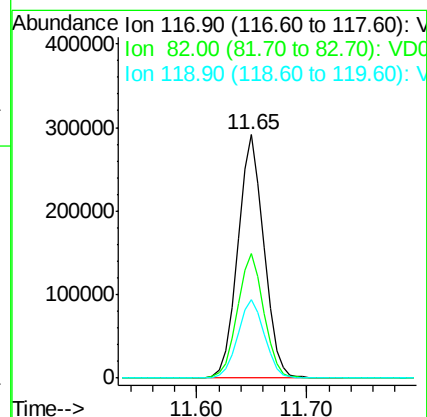
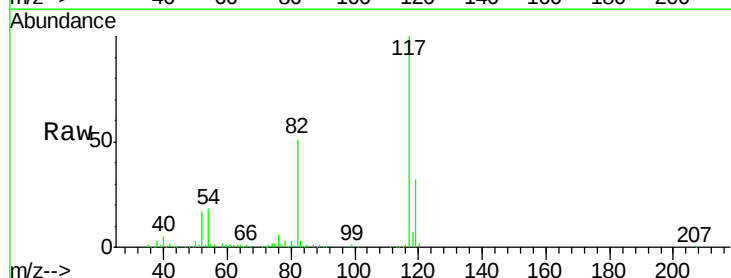
Tgt Ion: 117 Resp: 482202

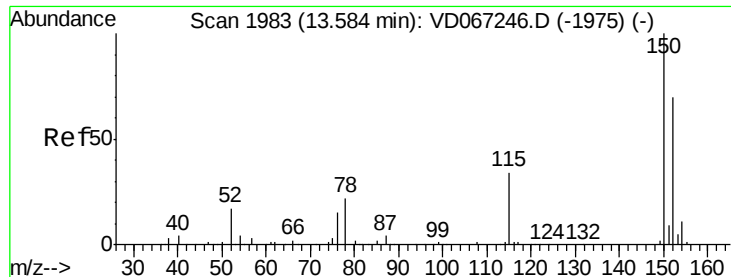
Ion Ratio Lower Upper

117 100

82 51.3 39.9 59.9

119 32.4 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067393.D

Acq: 26 Oct 2020 15:35

Instrument :

MSVOA_D

ClientSampleId :

VOC-4

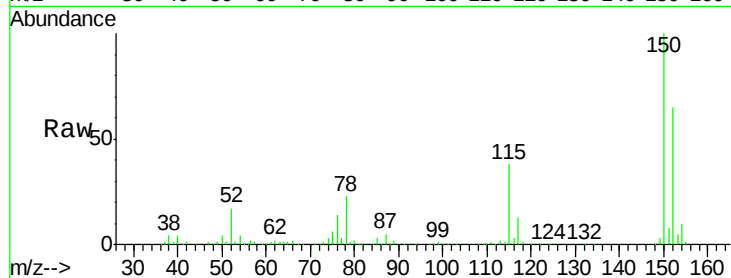
Tot Ion:152 Resp: 241984

Ion Ratio Lower Upper

152 100

115 58.2 29.3 87.9

150 158.2 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

