

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066768.D
 Acq On : 18 Sep 2020 16:09
 Operator : VA/SY
 Sample : L4017-03
 Misc : 5.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-3

Quant Time: Sep 19 05:45:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

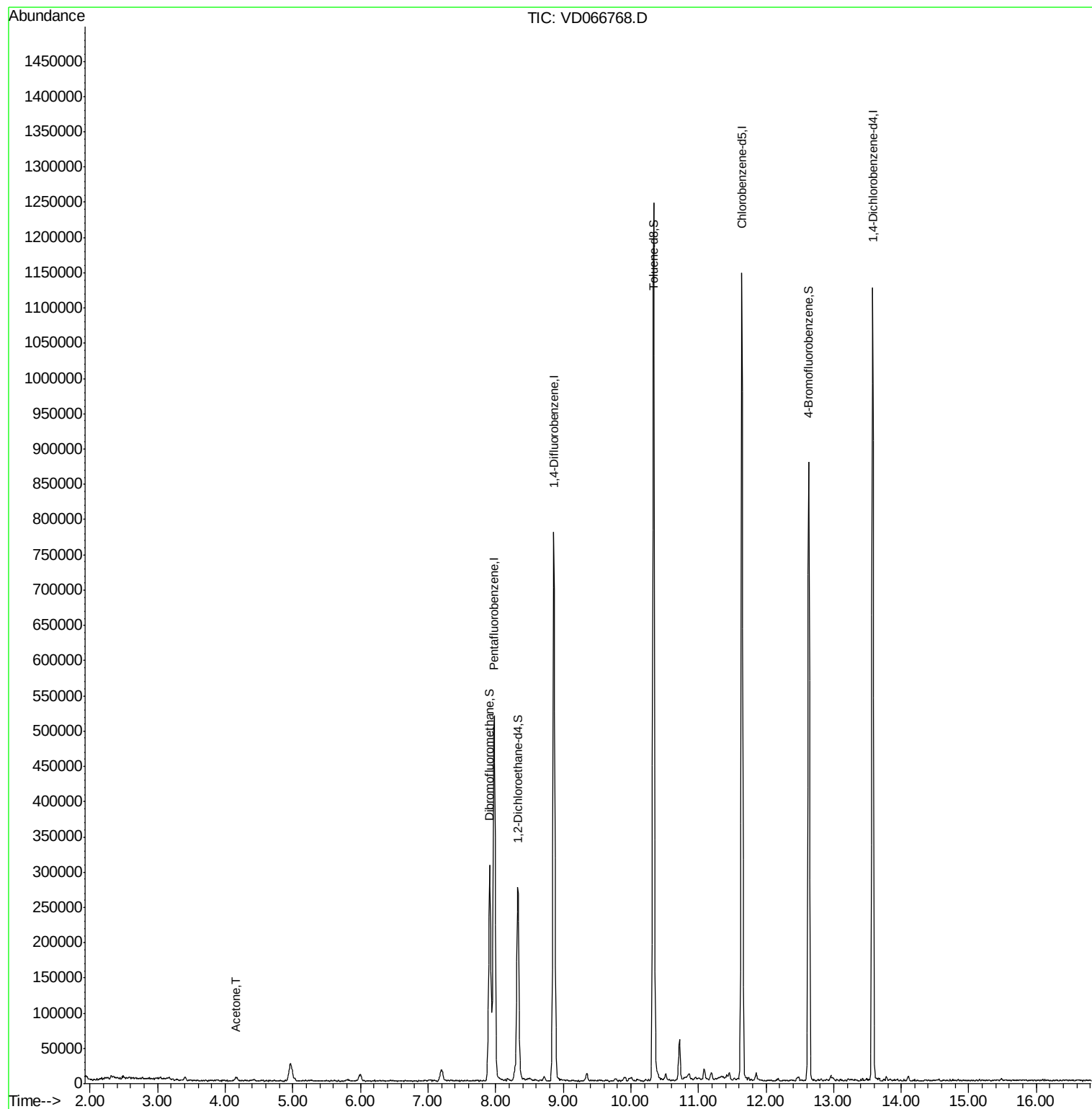
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	353602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	644697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	634647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219725	58.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.48%	
35) Dibromofluoromethane	7.91	113	213793	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
50) Toluene-d8	10.34	98	802214	56.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.94%	
62) 4-Bromofluorobenzene	12.63	95	273513	56.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.54%	
Target Compounds						
16) Acetone	4.17	43	8886	11.566	ug/l #	Qvalue 78

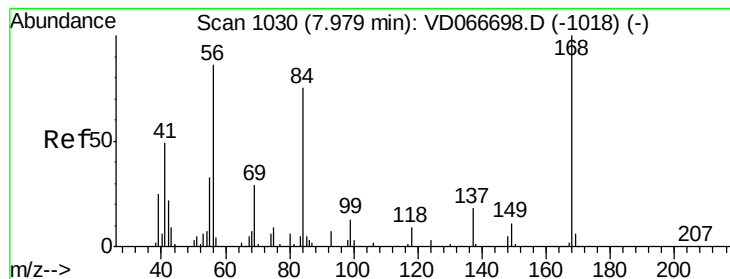
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066768.D

Acq: 18 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampled :

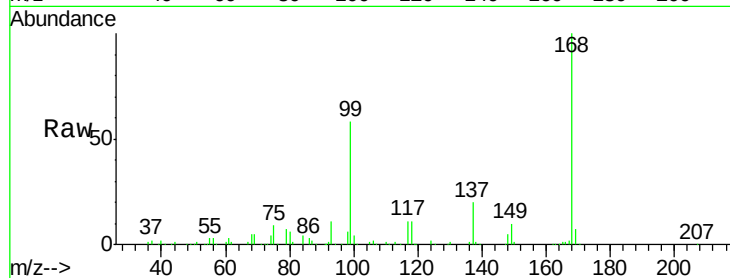
SS-3

Tot Ion:168 Resp: 353602

Ion Ratio Lower Upper

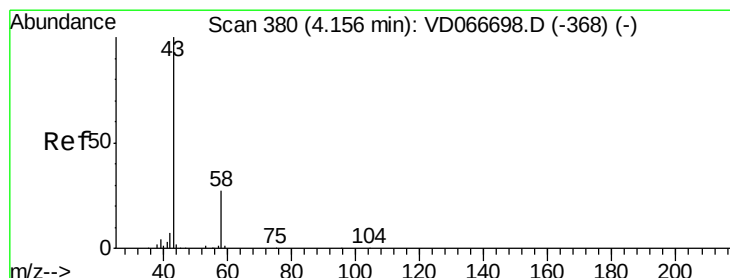
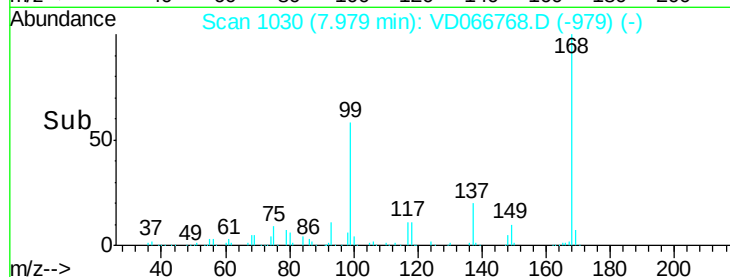
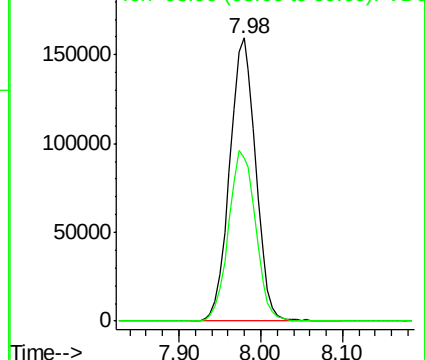
168 100

99 57.5 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 11.566 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066768.D

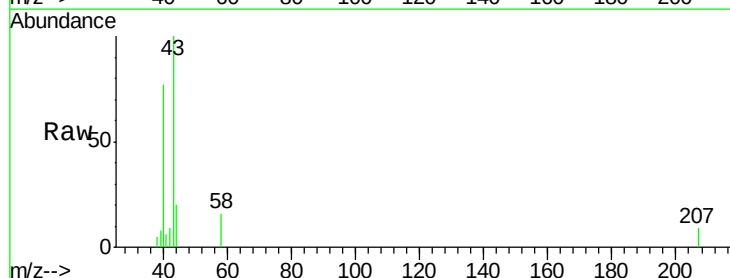
Acq: 18 Sep 2020 16:09

Tgt Ion: 43 Resp: 8886

Ion Ratio Lower Upper

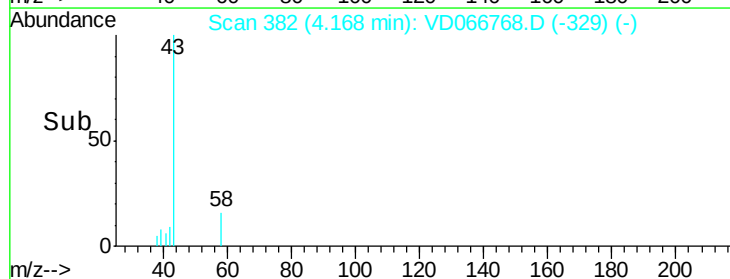
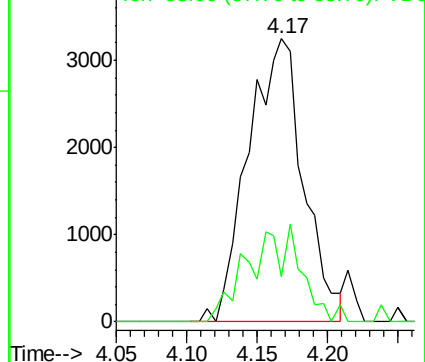
43 100

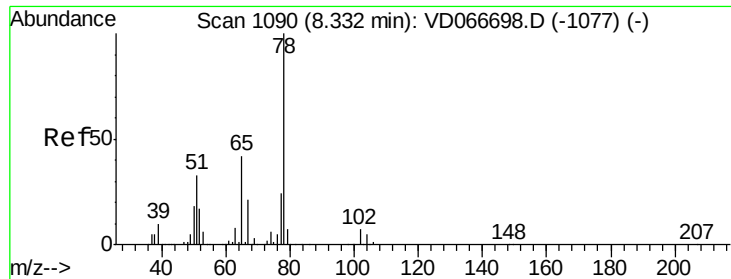
58 16.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

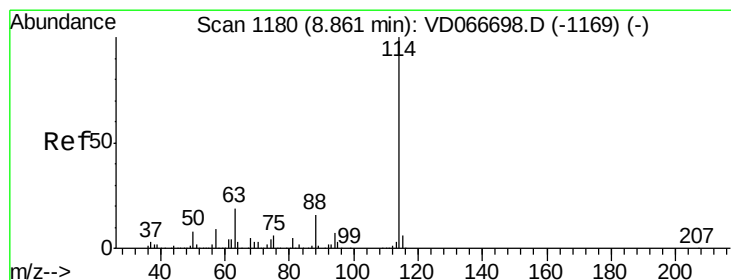
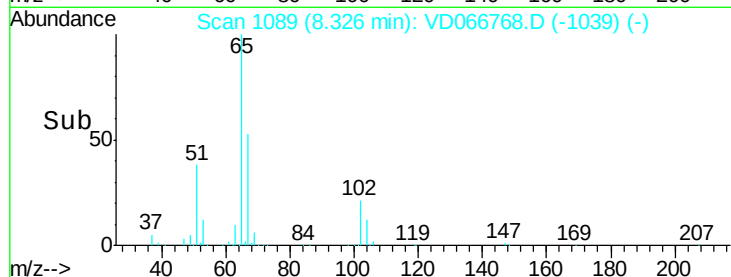
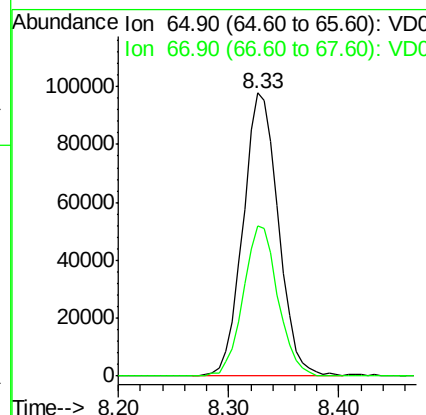
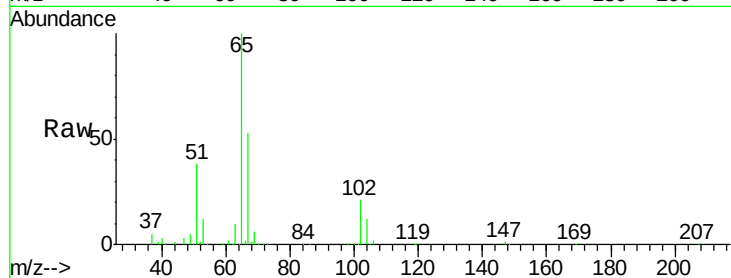




#33
 1,2-Dichloroethane-d4
 Concen: 58.241 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

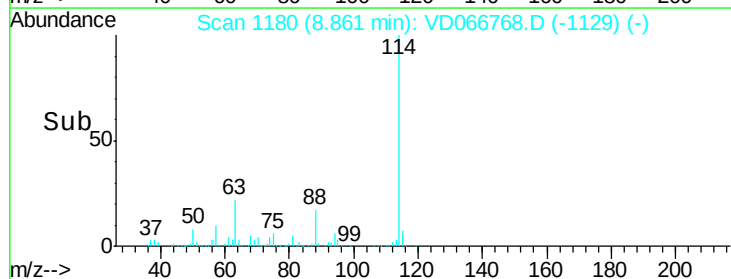
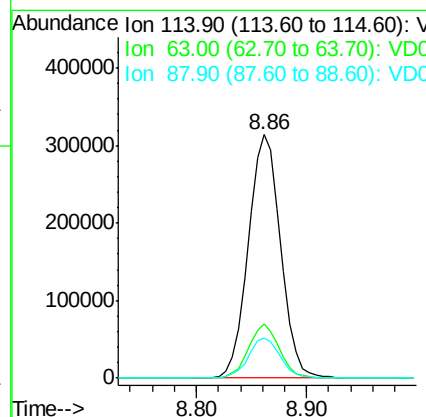
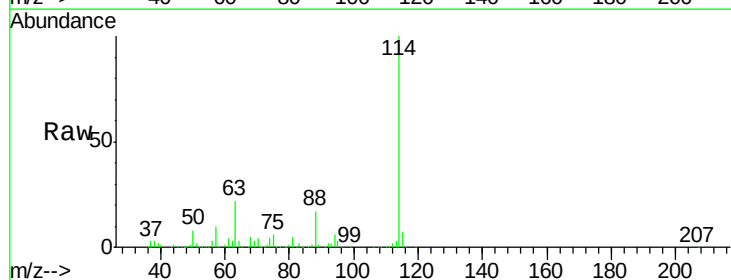
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-3

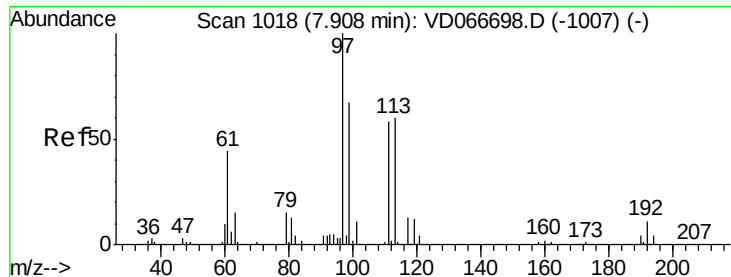
Tot Ion: 65 Resp: 219725
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

Tgt Ion: 114 Resp: 644697
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 37.6
 88 16.6 0.0 32.2

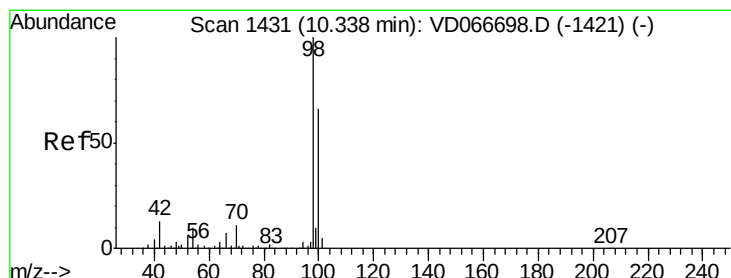
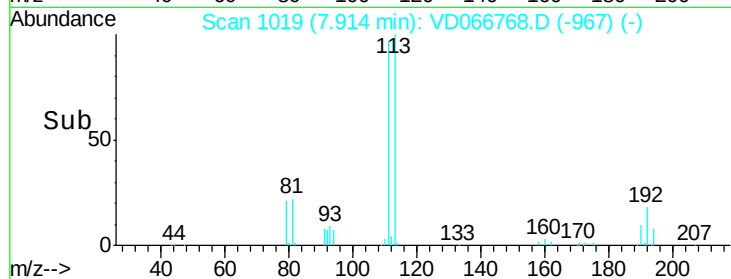
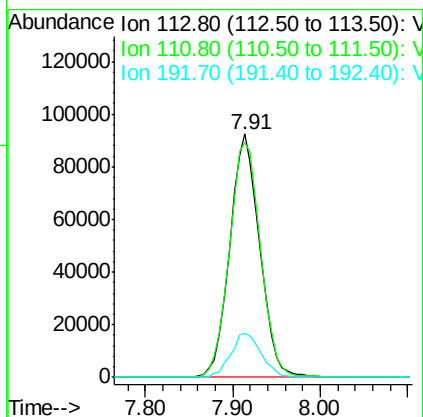
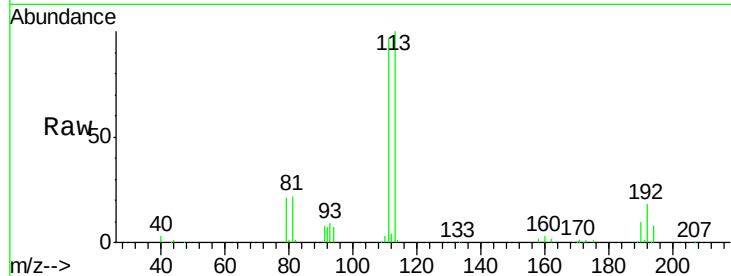




#35
 Dibromofluoromethane
 Concen: 54.089 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

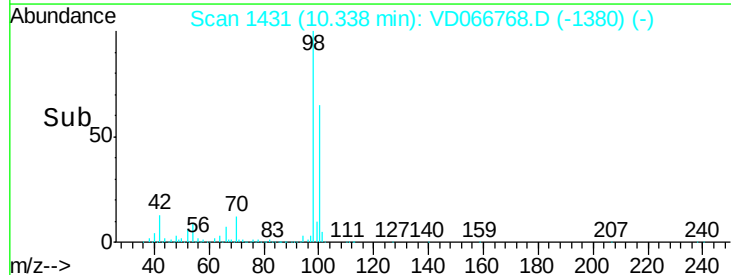
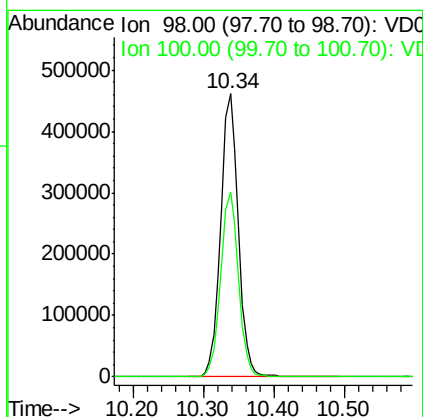
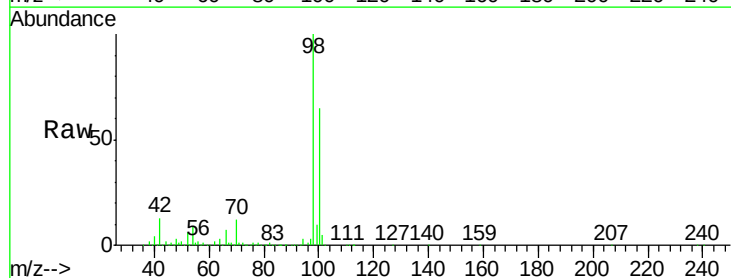
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-3

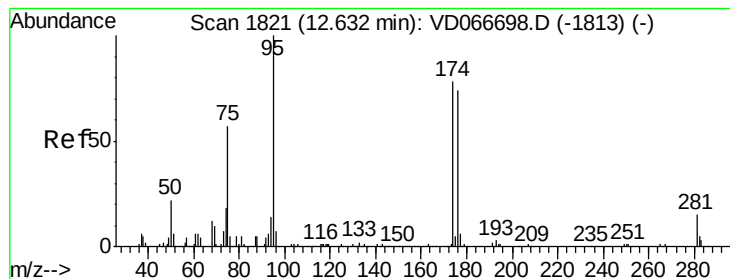
Tot Ion:113 Resp: 213793
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.2 124.8
 192 18.5 14.8 22.2



#50
 Toluene-d8
 Concen: 56.967 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

Tgt Ion: 98 Resp: 802214
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 56.267 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066768.D

Acq: 18 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampled :

SS-3

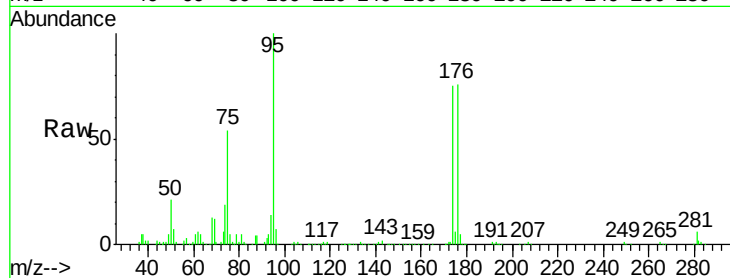
Tot Ion: 95 Resp: 273513

Ion Ratio Lower Upper

95 100

174 76.4 0.0 156.6

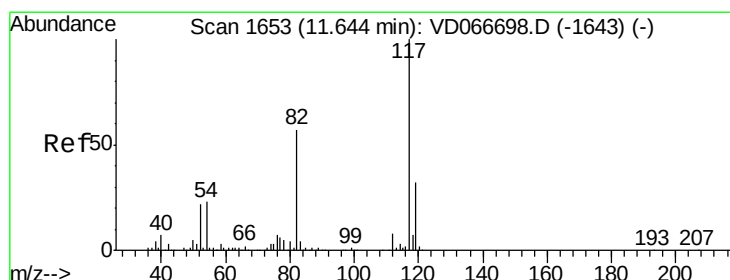
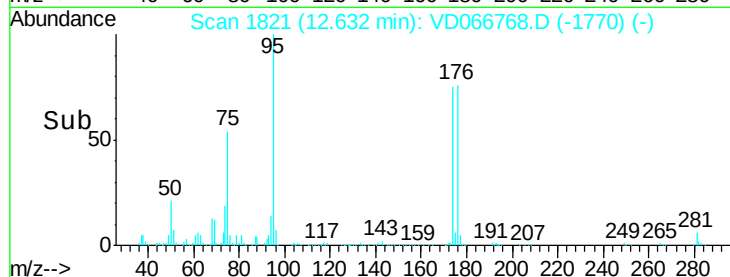
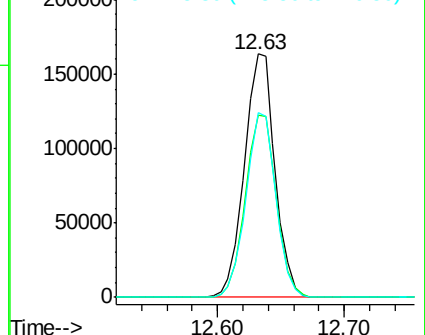
176 74.5 0.0 150.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066768.D

Acq: 18 Sep 2020 16:09

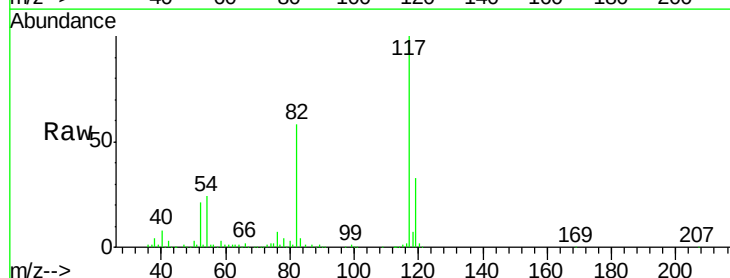
Tgt Ion: 117 Resp: 634647

Ion Ratio Lower Upper

117 100

82 57.9 45.4 68.0

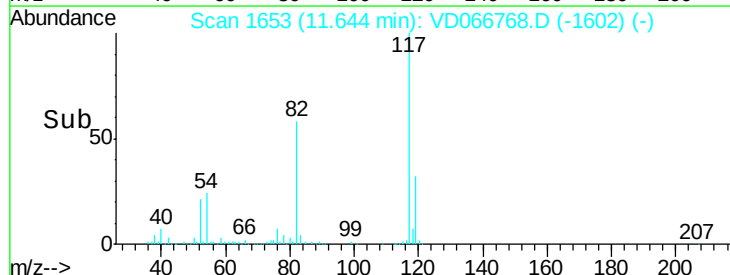
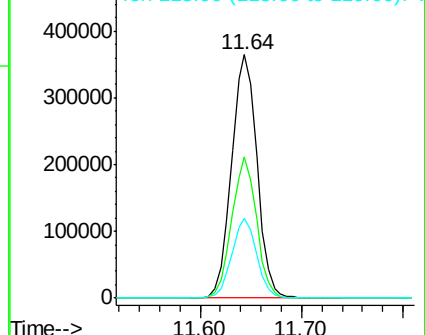
119 32.6 25.8 38.6

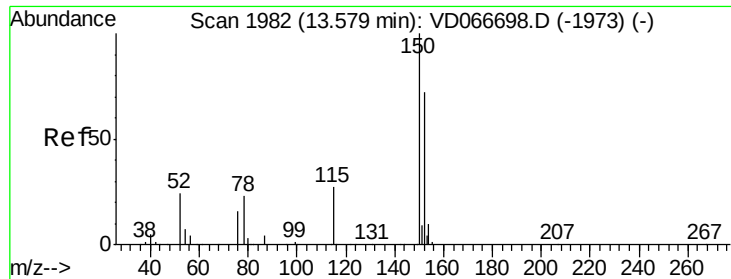


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066768.D

Acq: 18 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

SS-3

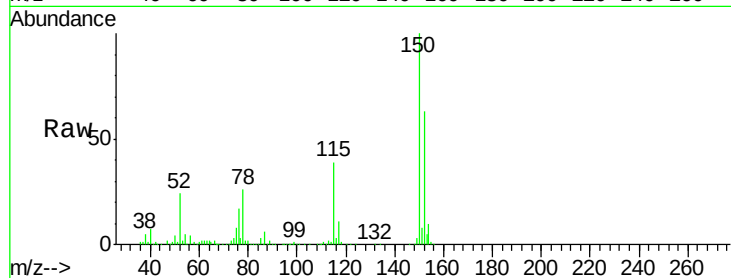
Tot Ion:152 Resp: 278822

Ion Ratio Lower Upper

152 100

115 60.9 30.5 91.5

150 156.2 0.0 344.6



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

