

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066767.D
 Acq On : 18 Sep 2020 15:41
 Operator : VA/SY
 Sample : L4017-02
 Misc : 4.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-2

Quant Time: Sep 19 05:37:35 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

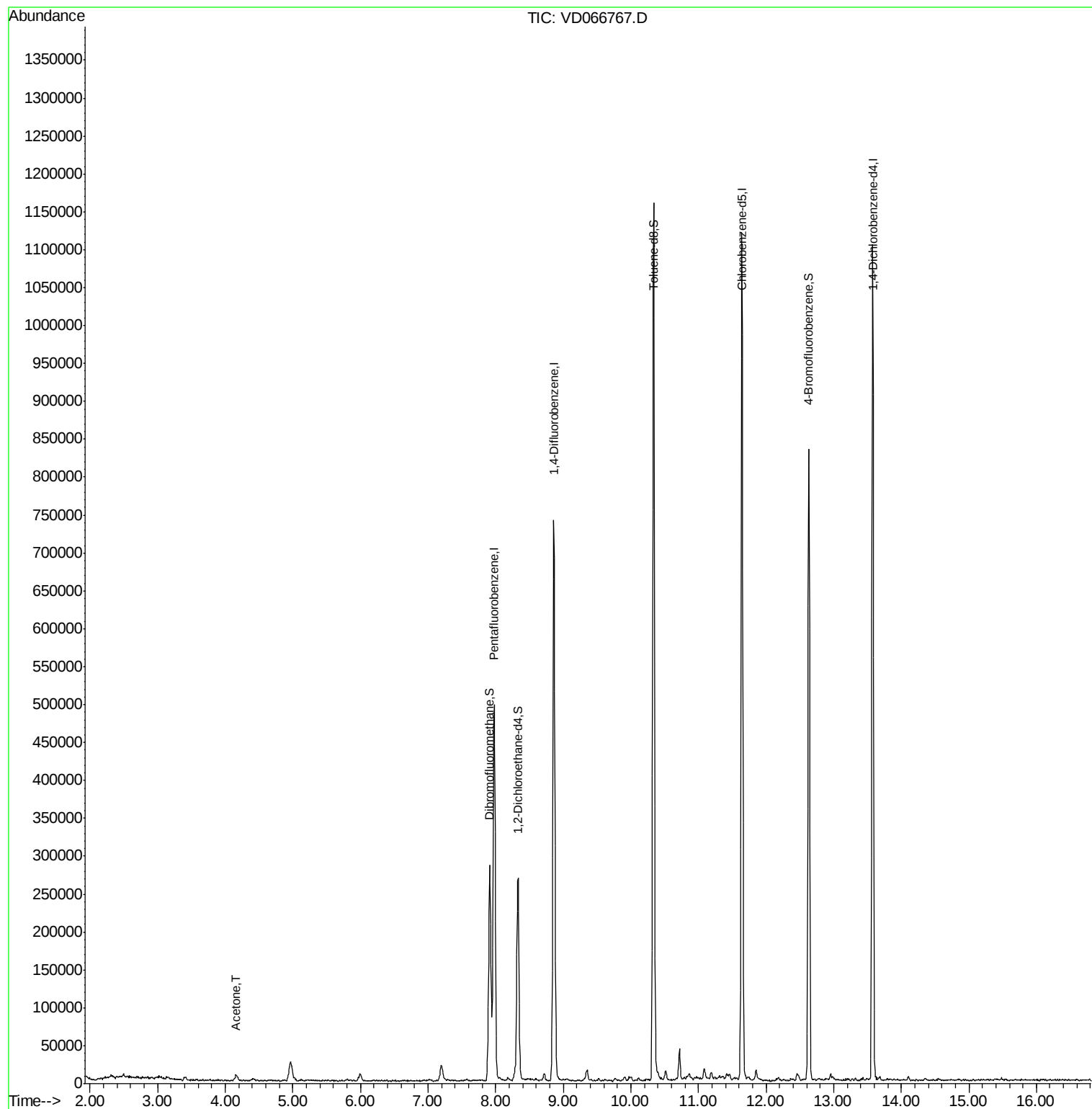
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	340082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	608773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	607040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	215055	59.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.54%	
35) Dibromofluoromethane	7.91	113	198393	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	10.34	98	765607	57.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.16%	
62) 4-Bromofluorobenzene	12.63	95	262570	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
Target Compounds						
16) Acetone	4.16	43	12691	17.176	ug/l	Qvalue 100

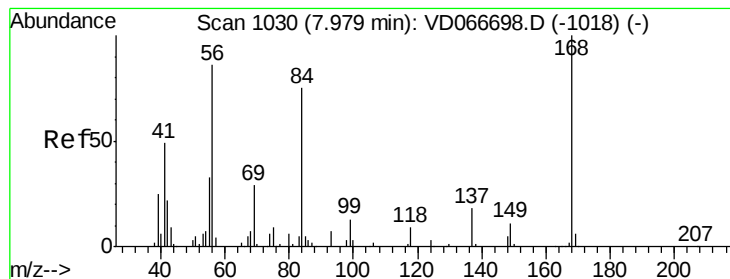
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066767.D

Acq: 18 Sep 2020 15:41

Instrument :

MSVOA_D

ClientSampleId :

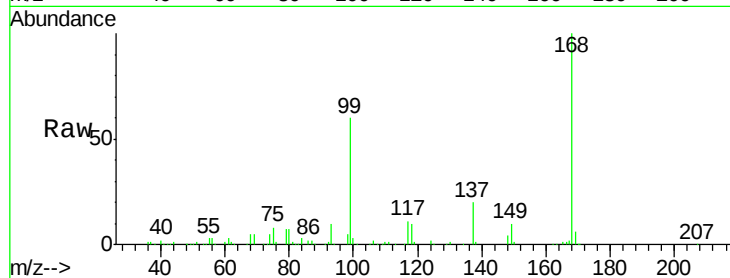
SS-2

Tot Ion:168 Resp: 340082

Ion Ratio Lower Upper

168 100

99 59.6 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

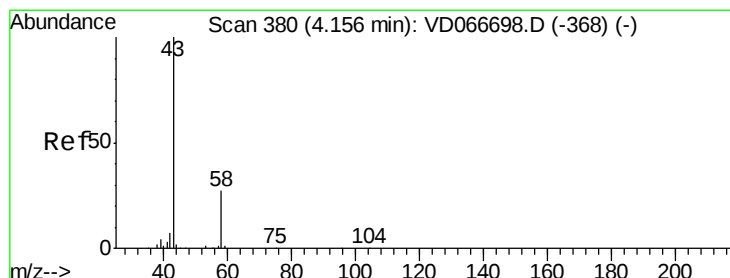
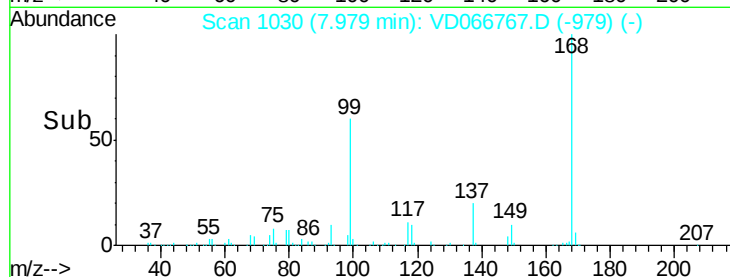
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.176 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066767.D

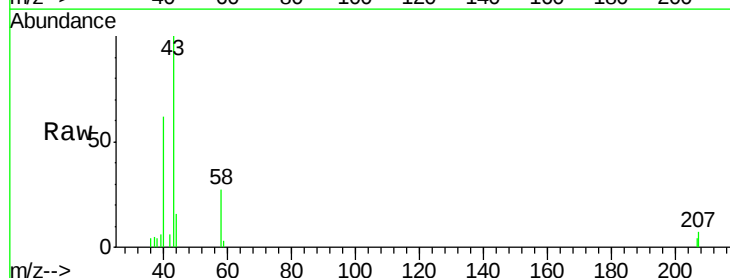
Acq: 18 Sep 2020 15:41

Tgt Ion: 43 Resp: 12691

Ion Ratio Lower Upper

43 100

58 27.5 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

6000

5000

4000

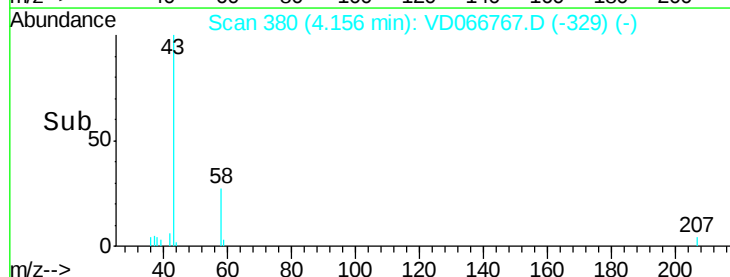
3000

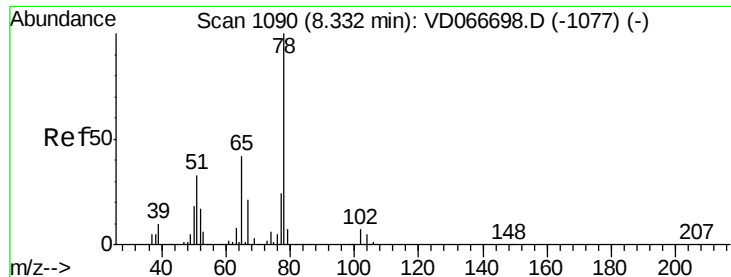
2000

1000

0

Time-->

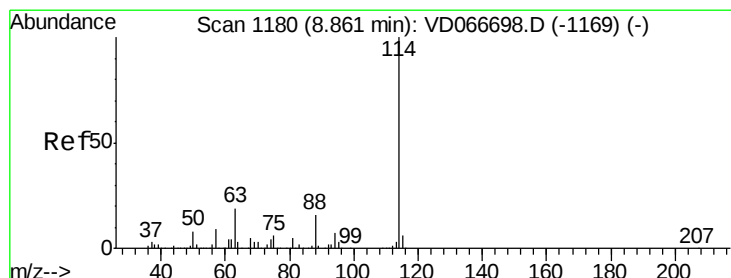
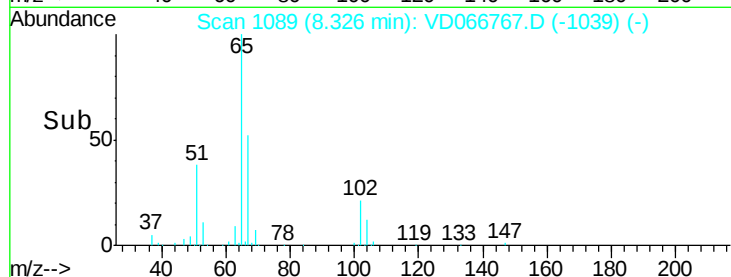
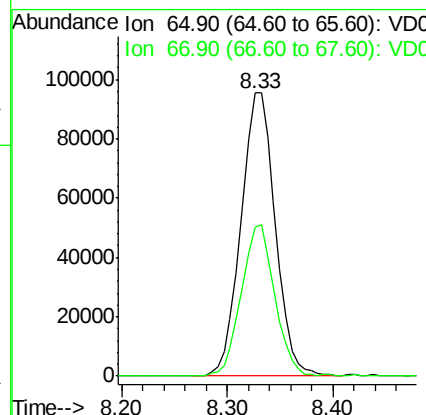
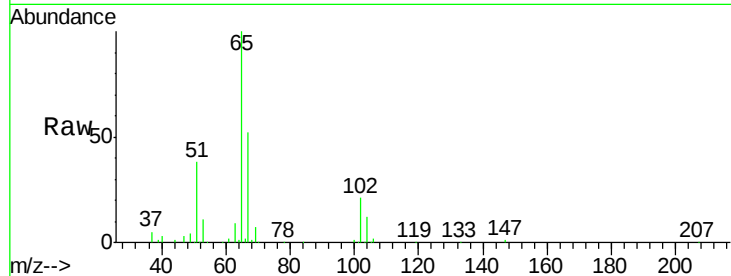




#33
 1,2-Dichloroethane-d4
 Concen: 59.269 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066767.D
 Acq: 18 Sep 2020 15:41

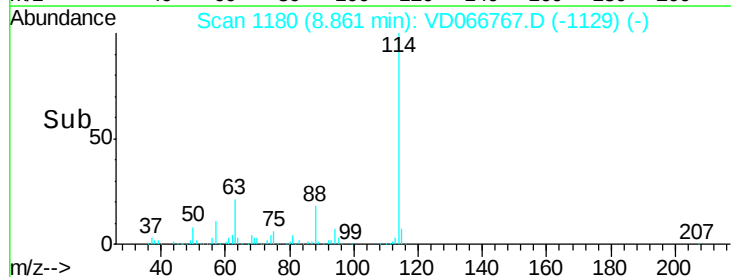
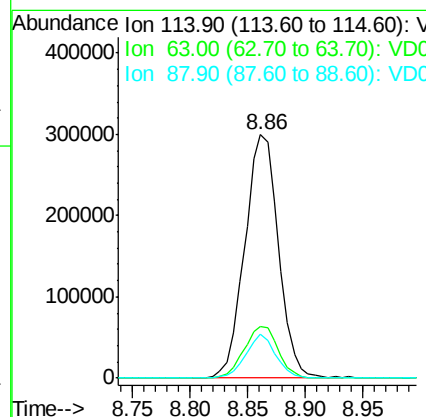
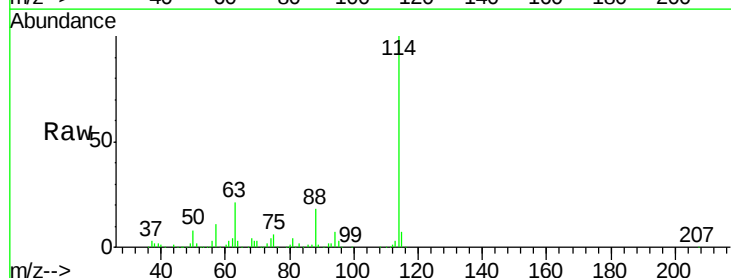
Instrument :
 MSVOA_D
 ClientSampled :
 SS-2

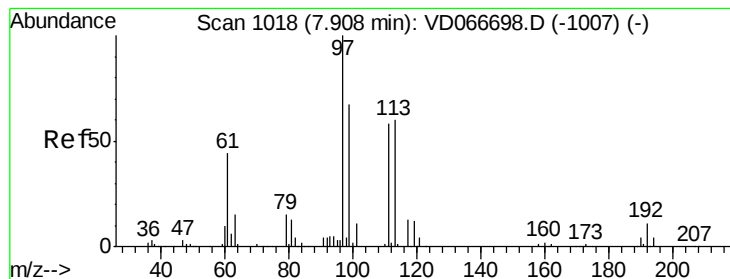
Tot Ion: 65 Resp: 215055
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066767.D
 Acq: 18 Sep 2020 15:41

Tgt Ion: 114 Resp: 608773
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.6
 88 17.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.155 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066767.D

Acq: 18 Sep 2020 15:41

Instrument :

MSVOA_D

ClientSampled :

SS-2

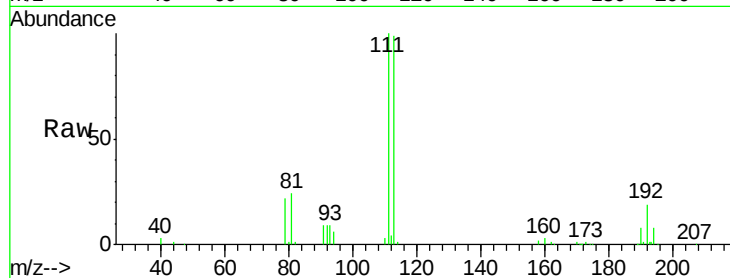
Tot Ion:113 Resp: 198393

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

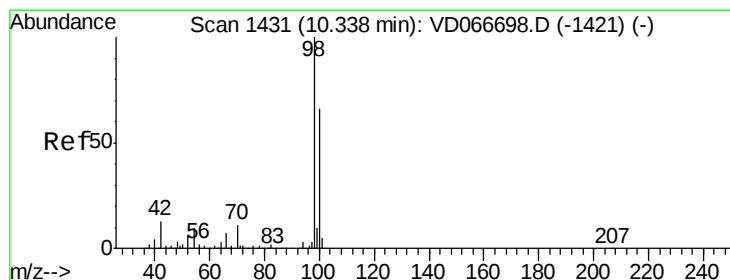
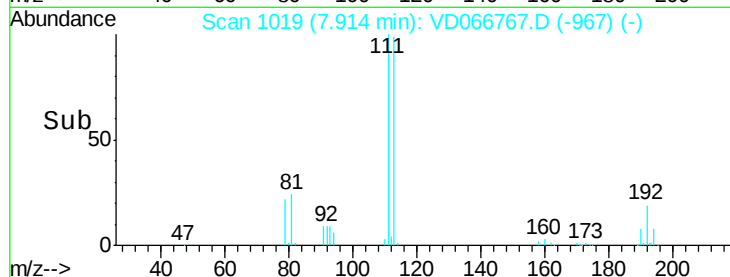
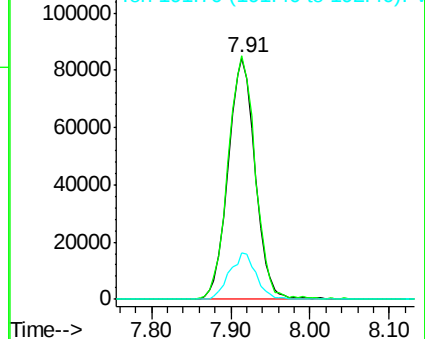
192 18.8 14.8 22.2



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



#50

Toluene-d8

Concen: 57.575 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066767.D

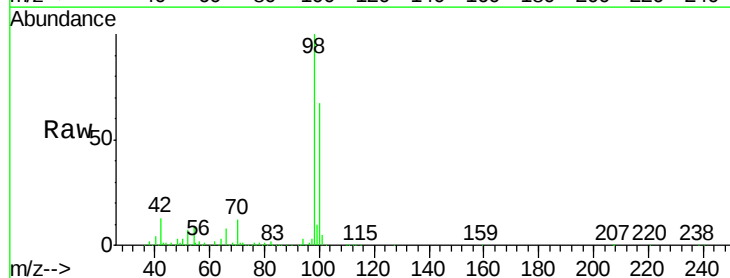
Acq: 18 Sep 2020 15:41

Tgt Ion: 98 Resp: 765607

Ion Ratio Lower Upper

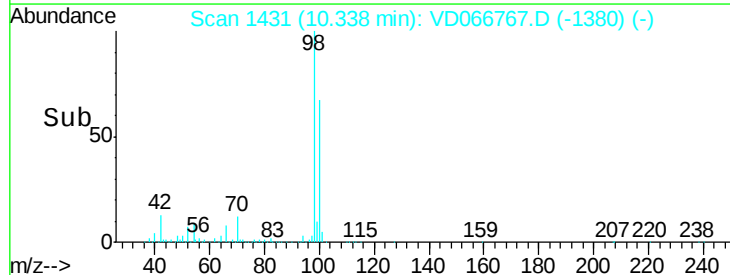
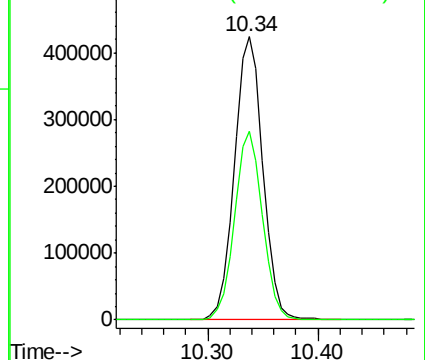
98 100

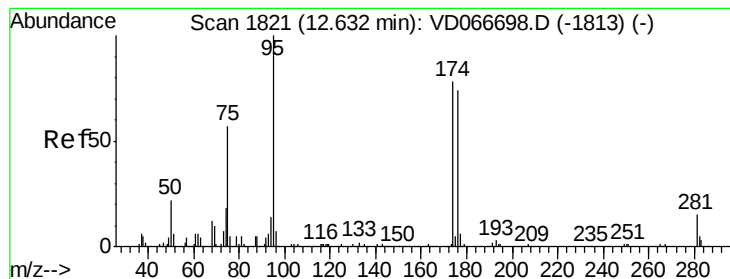
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 57.203 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066767.D

Acq: 18 Sep 2020 15:41

Instrument :

MSVOA_D

ClientSampleId :

SS-2

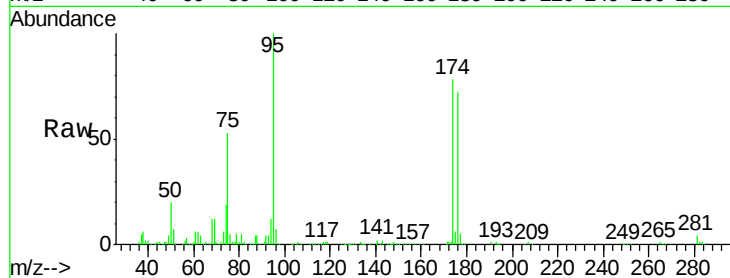
Tot Ion: 95 Resp: 262570

Ion Ratio Lower Upper

95 100

174 79.1 0.0 156.6

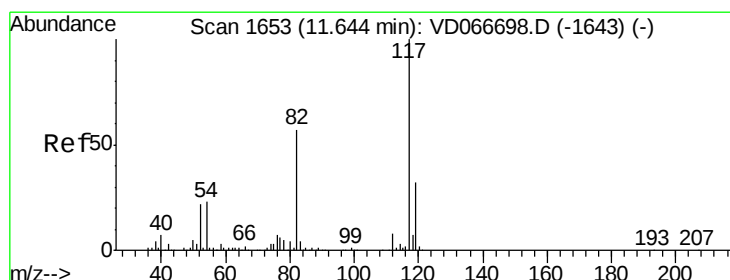
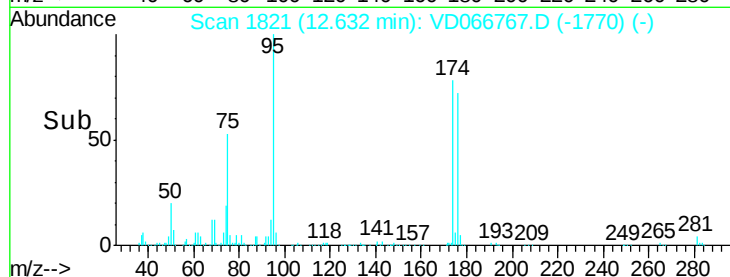
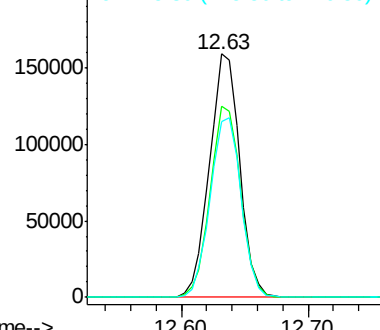
176 75.6 0.0 150.2



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: VD066767.D

Acq: 18 Sep 2020 15:41

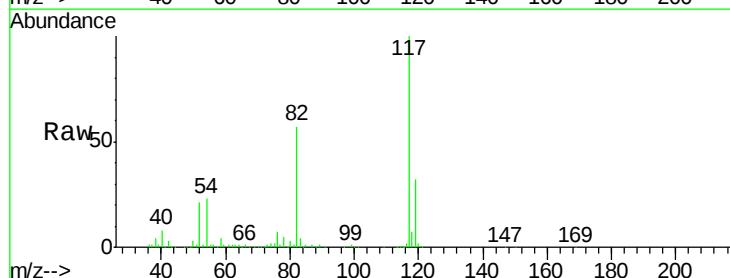
Tgt Ion: 117 Resp: 607040

Ion Ratio Lower Upper

117 100

82 57.3 45.4 68.0

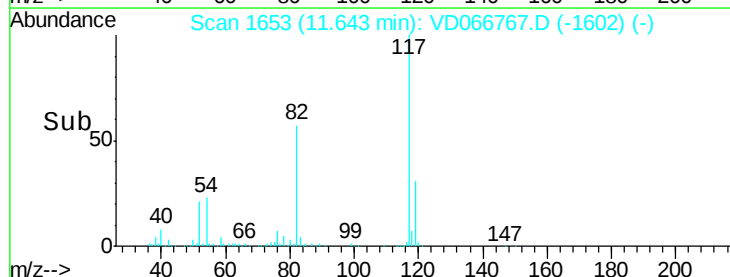
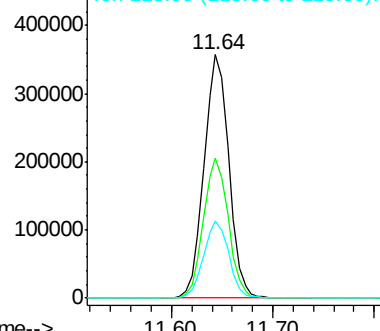
119 31.6 25.8 38.6

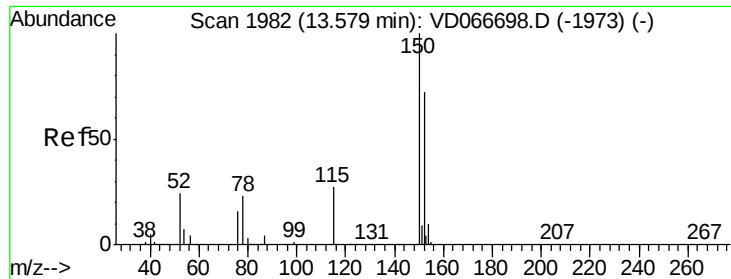


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066767.D

Acq: 18 Sep 2020 15:41

Instrument :

MSVOA_D

ClientSampleId :

SS-2

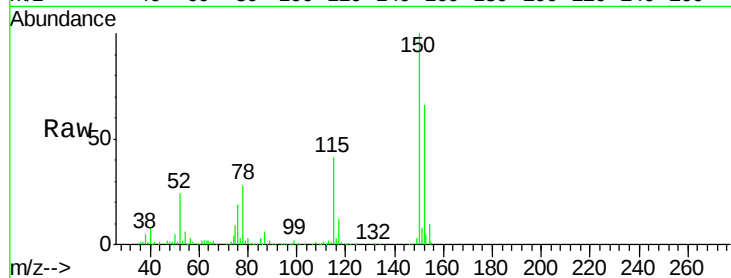
Tot Ion:152 Resp: 271926

Ion Ratio Lower Upper

152 100

115 61.1 30.5 91.5

150 155.1 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

