

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061793.D
 Acq On : 13 Apr 2019 00:15
 Operator : VA/AP
 Sample : VD0412SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBL02

Quant Time: Apr 13 00:50:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

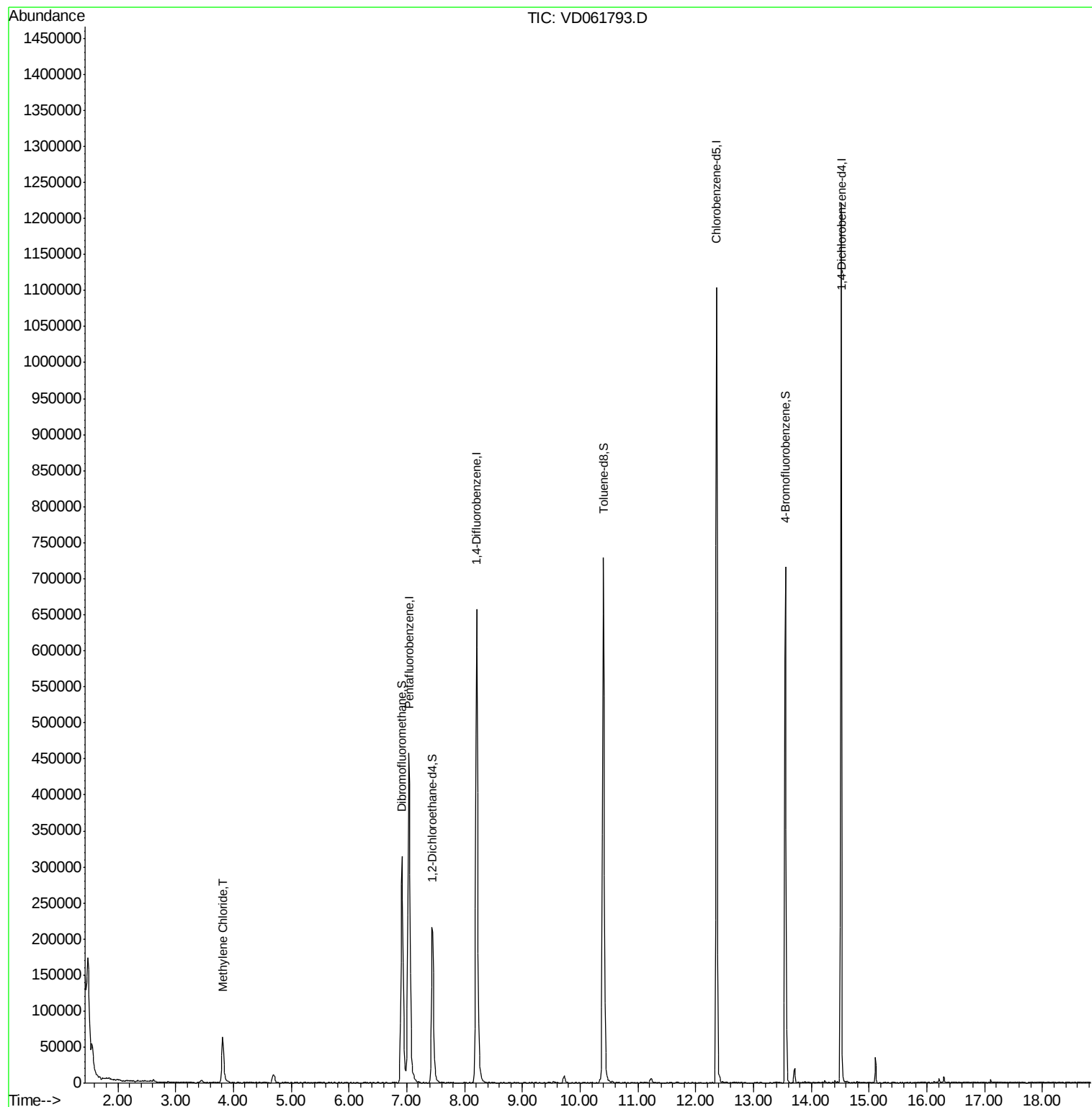
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	480127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	805181	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	658217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	309255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	209474	57.56	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.12%	
35) Dibromofluoromethane	6.92	113	296808	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
50) Toluene-d8	10.40	98	659593	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	13.55	95	241211	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
Target Compounds						
20) Methylene Chloride	3.82	84	46334	7.505	ug/l	Qvalue 94

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

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

Instrument :

MSVOA_D

ClientSampleId :

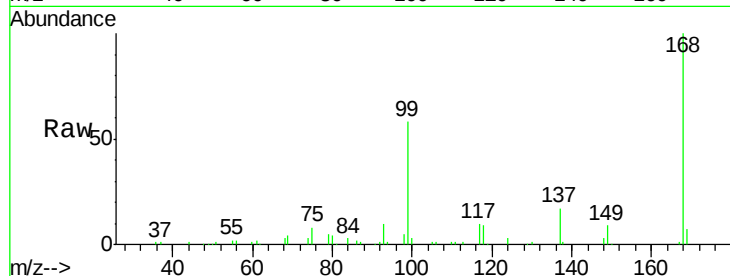
VD0412SBL02

Tot Ion:168 Resp: 480127

Ion Ratio Lower Upper

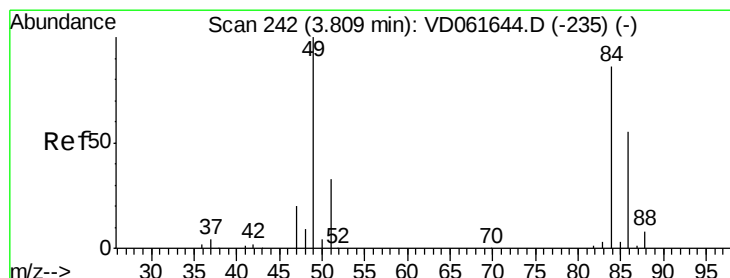
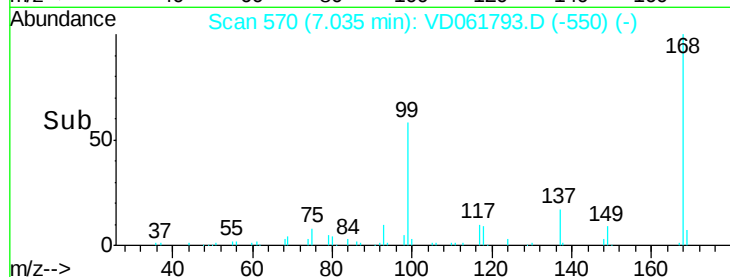
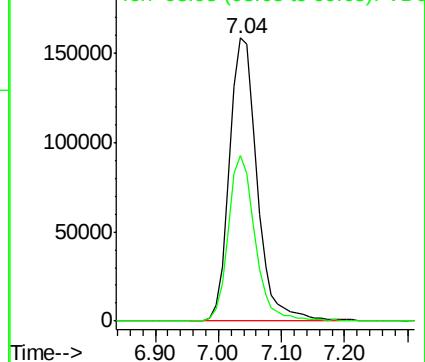
168 100

99 58.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 7.505 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

Tgt Ion: 84 Resp: 46334

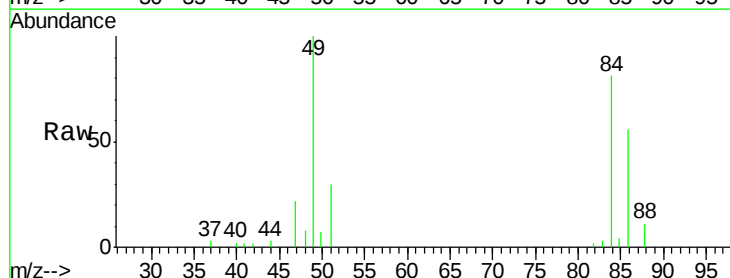
Ion Ratio Lower Upper

84 100

49 123.4 93.0 139.4

51 37.6 30.4 45.6

86 68.8 51.0 76.4

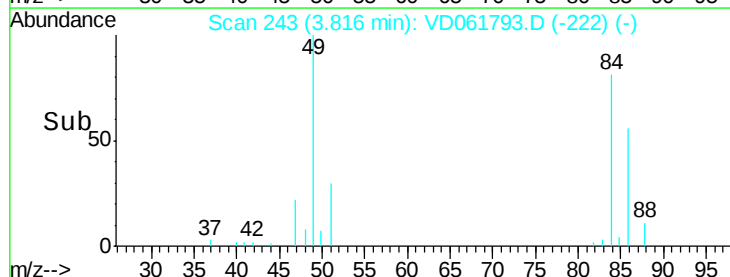
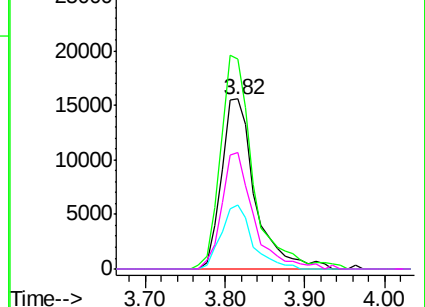


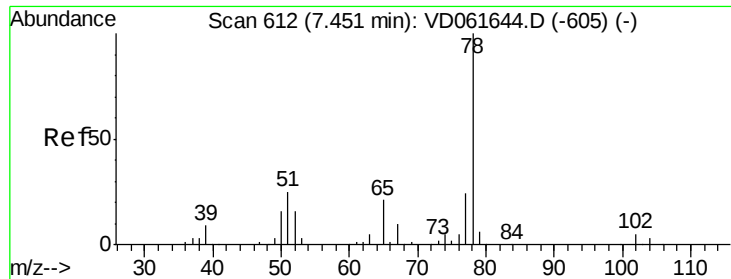
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

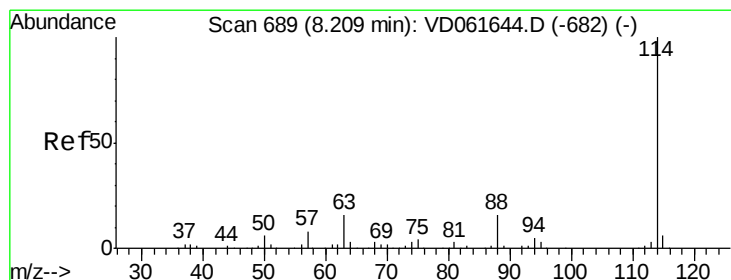
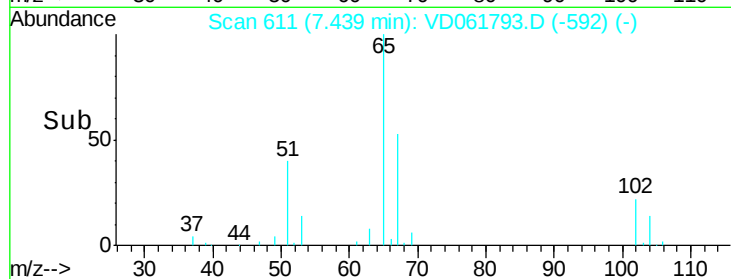
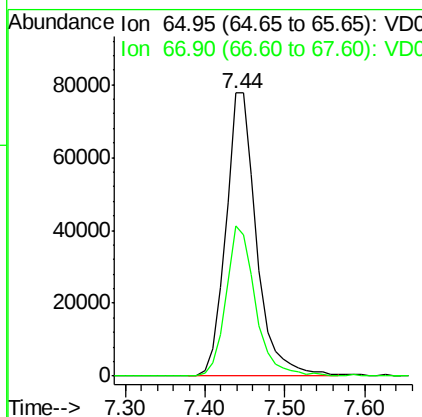
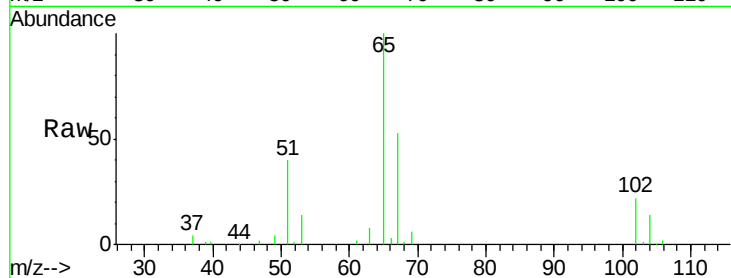




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD061793.D
 Acq: 13 Apr 2019 00:15

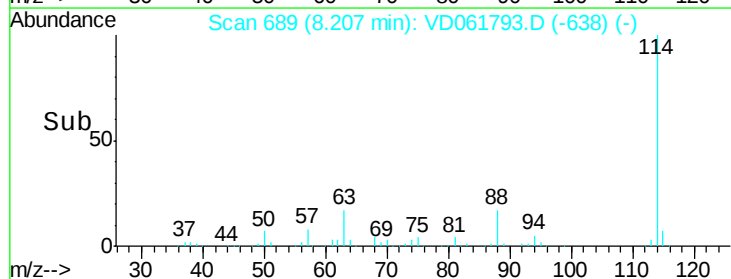
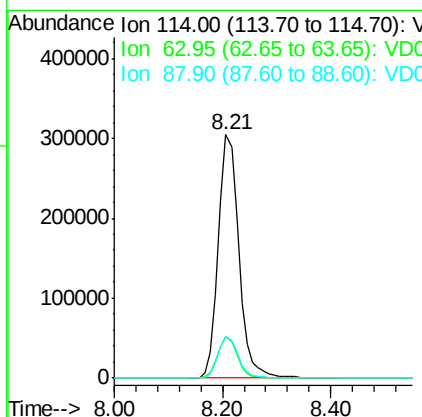
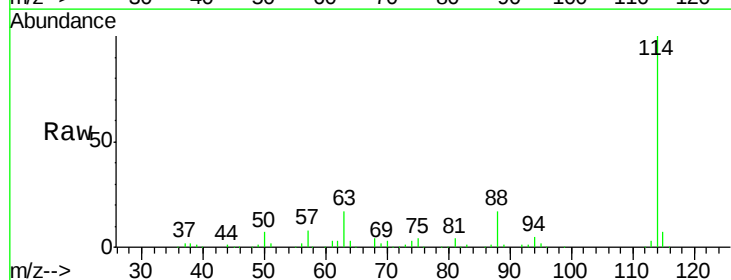
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBL02

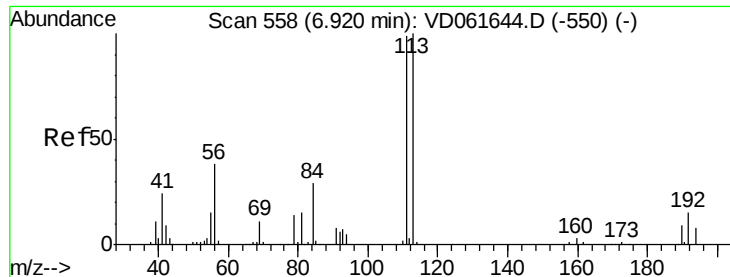
Tot Ion: 65 Resp: 209474
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061793.D
 Acq: 13 Apr 2019 00:15

Tgt Ion: 114 Resp: 805181
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.2
 88 17.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBL02

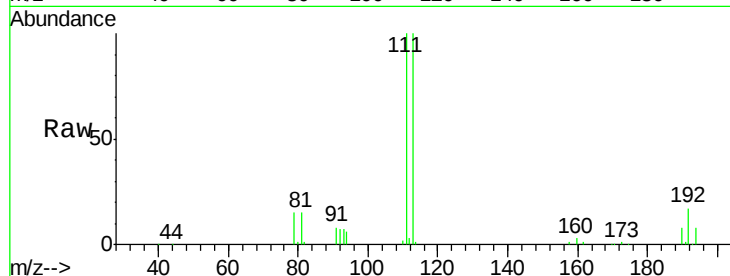
Tot Ion:113 Resp: 296808

Ion Ratio Lower Upper

113 100

111 99.6 79.3 118.9

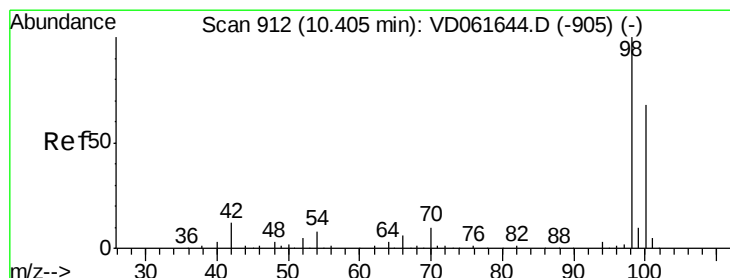
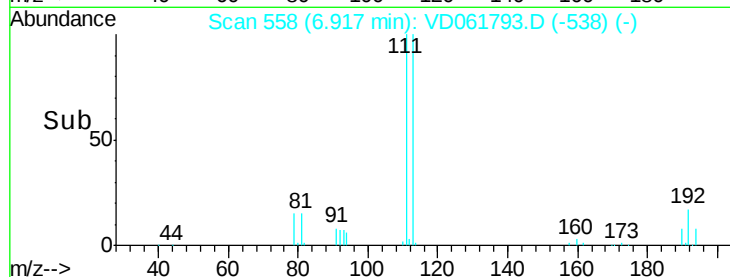
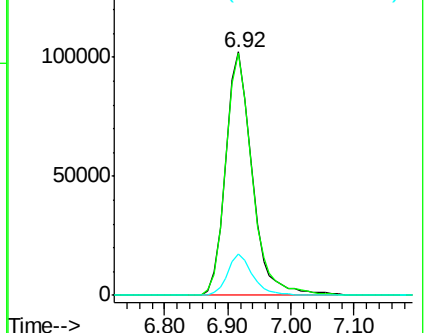
192 16.9 12.3 18.5



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061793.D

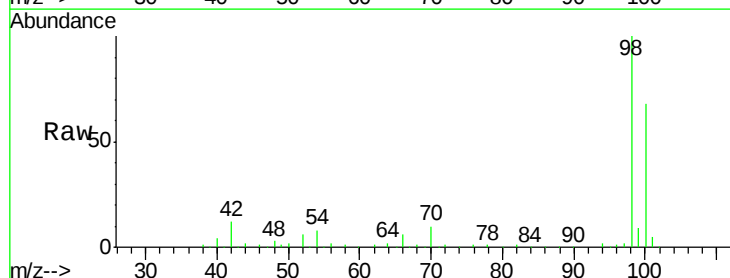
Acq: 13 Apr 2019 00:15

Tgt Ion: 98 Resp: 659593

Ion Ratio Lower Upper

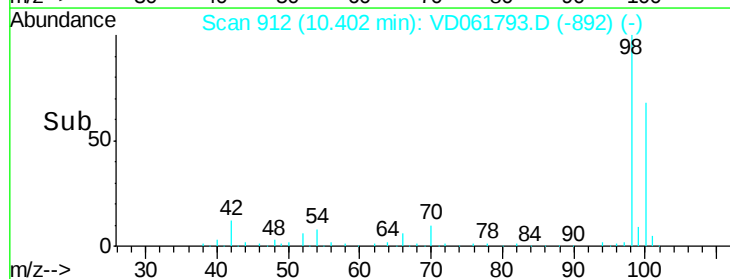
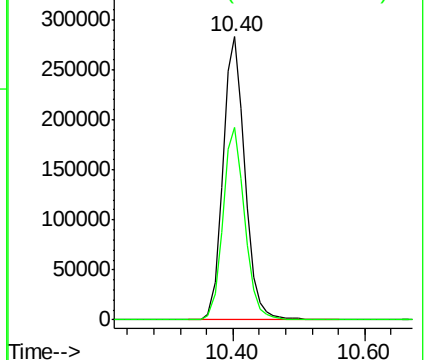
98 100

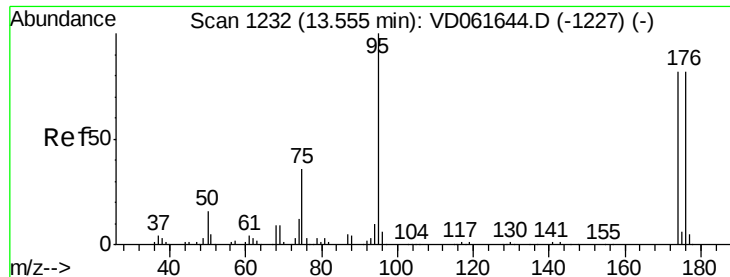
100 68.2 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBL02

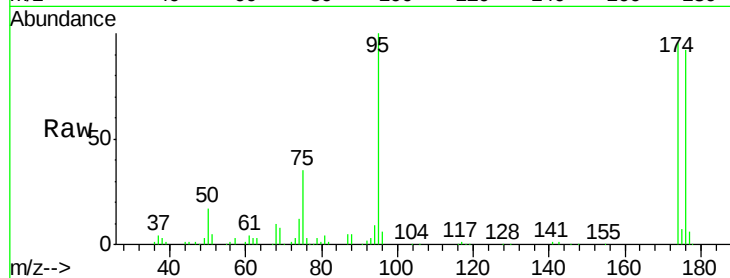
Tot Ion: 95 Resp: 241211

Ion Ratio Lower Upper

95 100

174 96.0 0.0 164.6

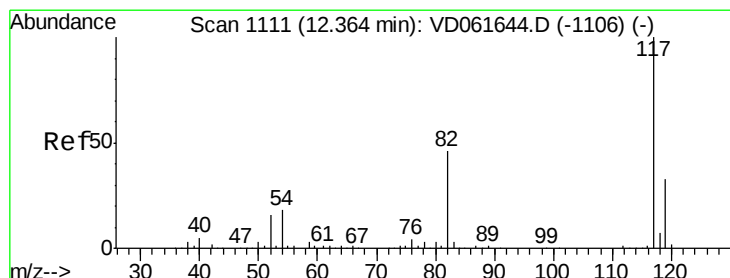
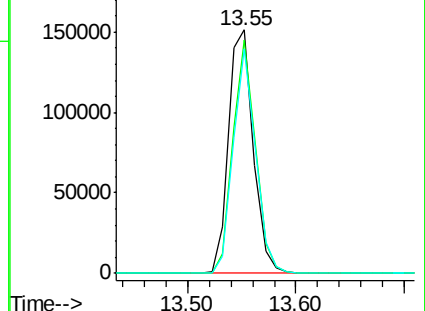
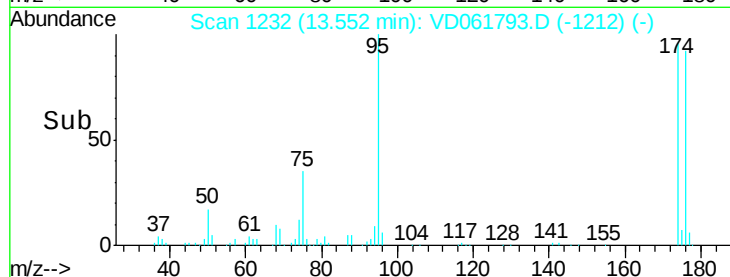
176 92.4 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061793.D

Acq: 13 Apr 2019 00:15

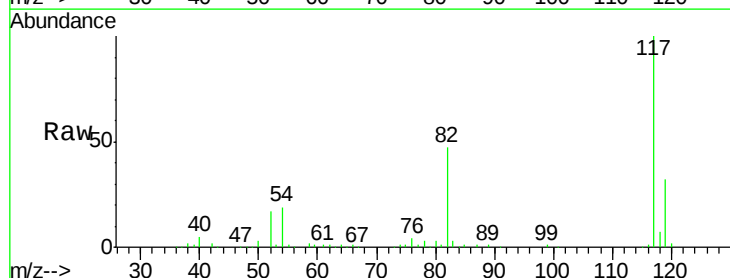
Tgt Ion: 117 Resp: 658217

Ion Ratio Lower Upper

117 100

82 46.6 36.8 55.2

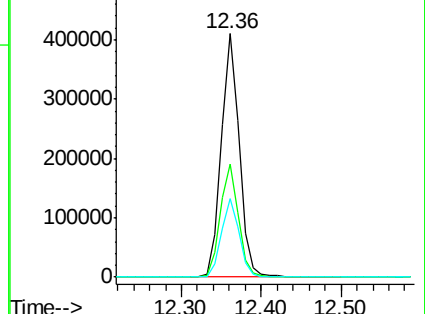
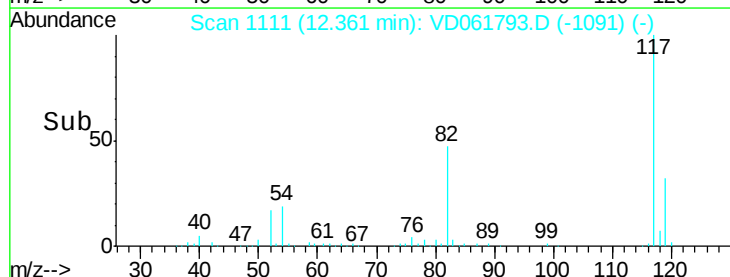
119 32.1 26.1 39.1

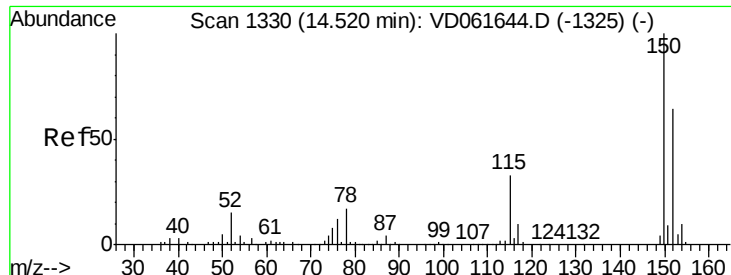


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

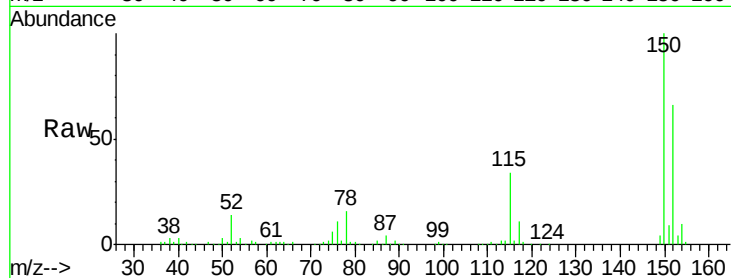




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061793.D
 Acq: 13 Apr 2019 00:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBL02

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.1	26.4	79.2
150	152.6	0.0	320.6



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

