

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061319\
 Data File : VD062692.D
 Acq On : 13 Jun 2019 14:17
 Operator : VA/AP
 Sample : K3351-01
 Misc : 6.60g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3407

Quant Time: Jun 14 07:05:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

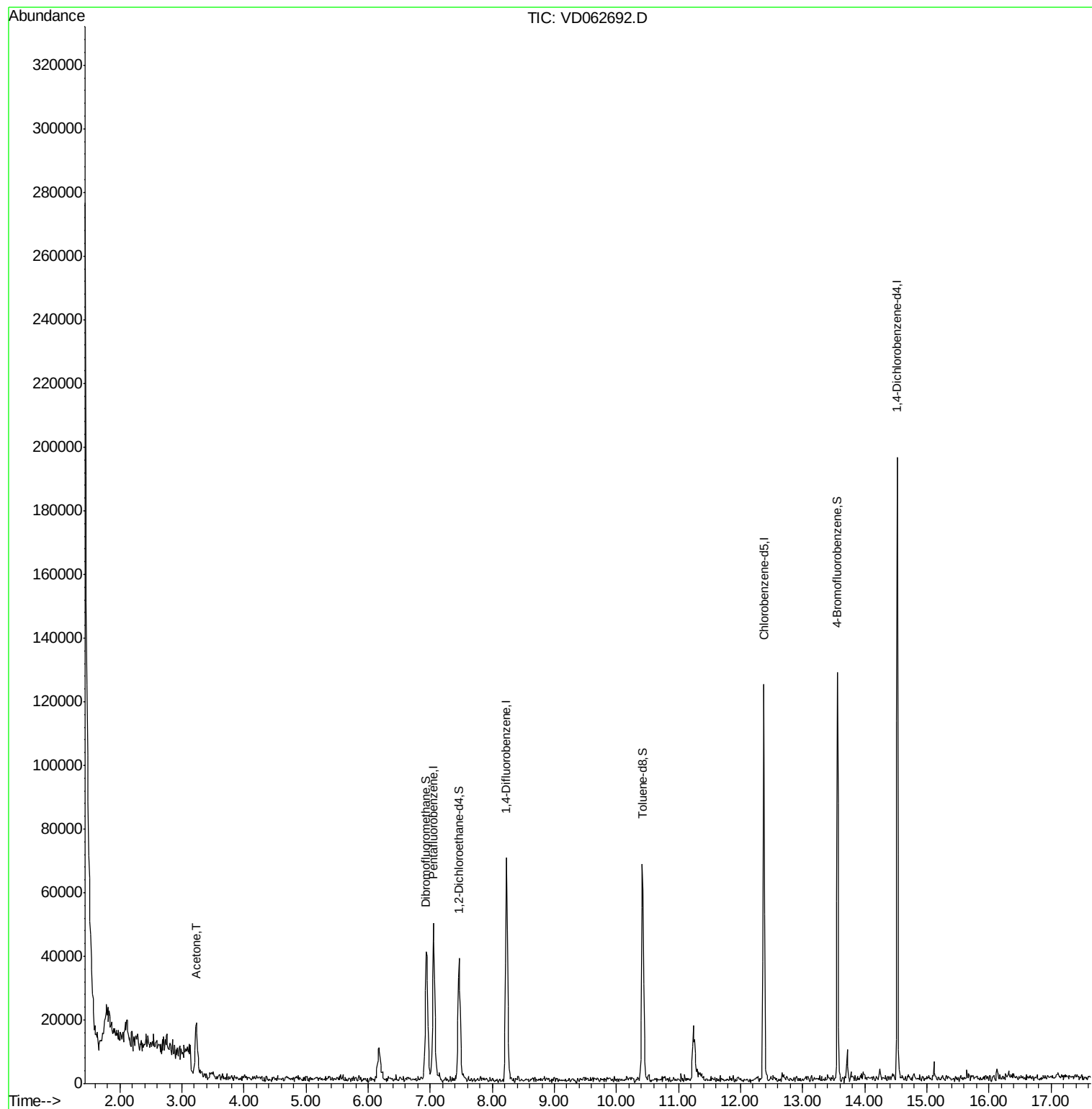
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	44255	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	70486	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	65424	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	38003	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	43867	68.69	ug/l	0.02
Spiked Amount 50.000			Recovery	=	137.38%	
35) Dibromofluoromethane	6.93	113	35881	48.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.42	98	56009	35.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.64%	
62) 4-Bromofluorobenzene	13.56	95	31995	43.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.72%	
Target Compounds						
16) Acetone	3.22	43	35074	299.939	ug/l #	Qvalue 91

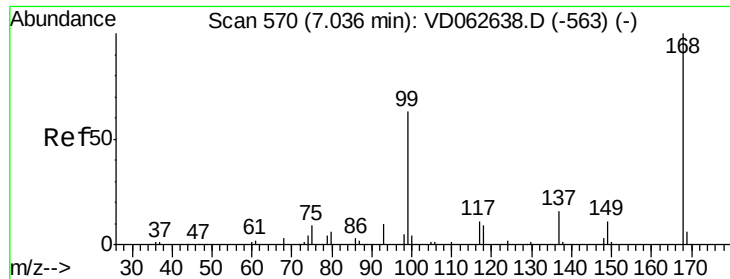
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062692.D

Acq: 13 Jun 2019 14:17

Instrument :

MSVOA_D

ClientSampleId :

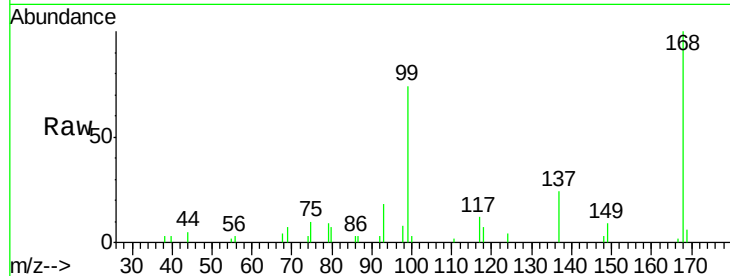
RT-3407

Tot Ion:168 Resp: 44255

Ion Ratio Lower Upper

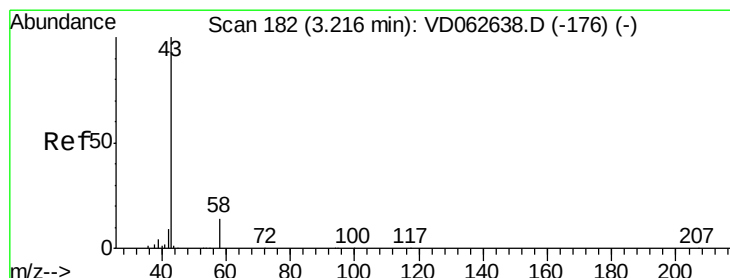
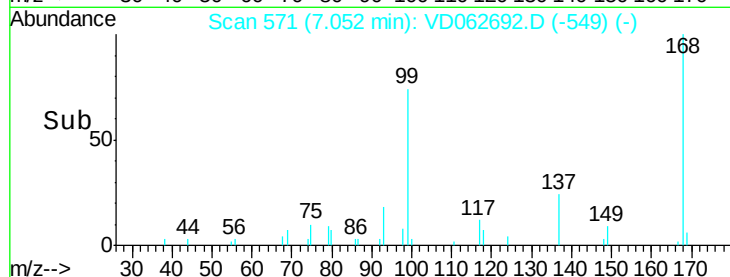
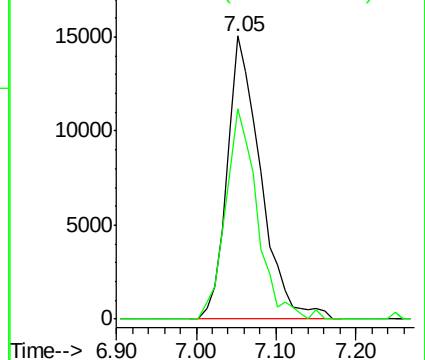
168 100

99 74.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 299.939 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD062692.D

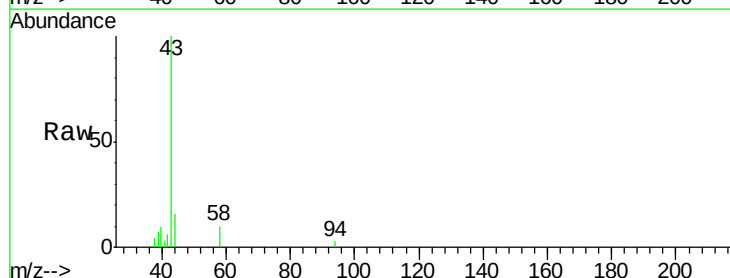
Acq: 13 Jun 2019 14:17

Tgt Ion: 43 Resp: 35074

Ion Ratio Lower Upper

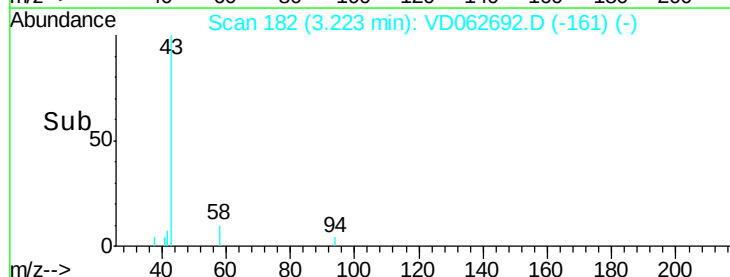
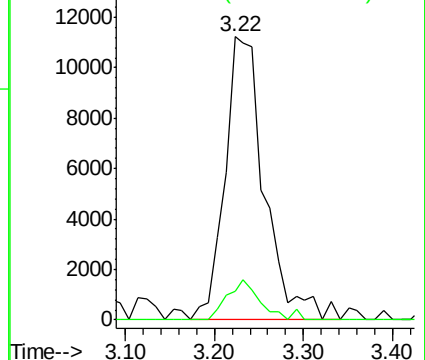
43 100

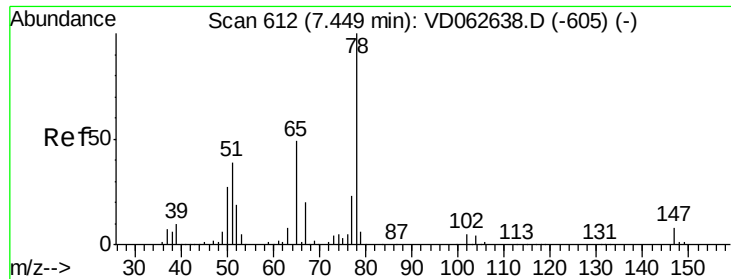
58 9.9 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

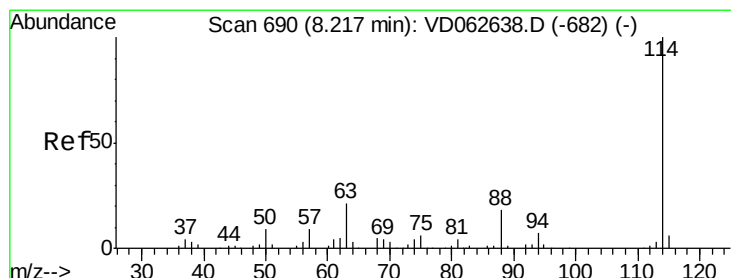
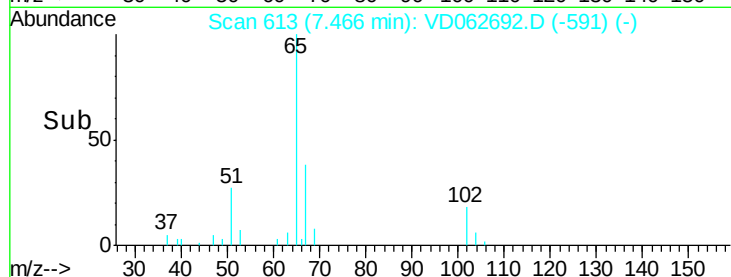
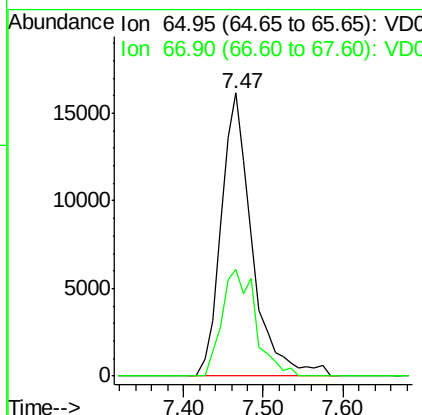
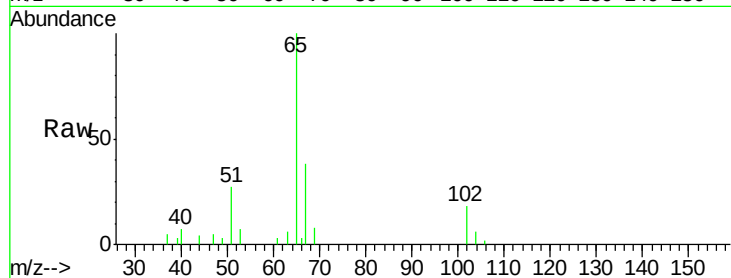




#33
 1,2-Dichloroethane-d4
 Concen: 68.693 ug/l
 RT: 7.47 min Scan# 613
 Delta R.T. 0.02 min
 Lab File: VD062692.D
 Acq: 13 Jun 2019 14:17

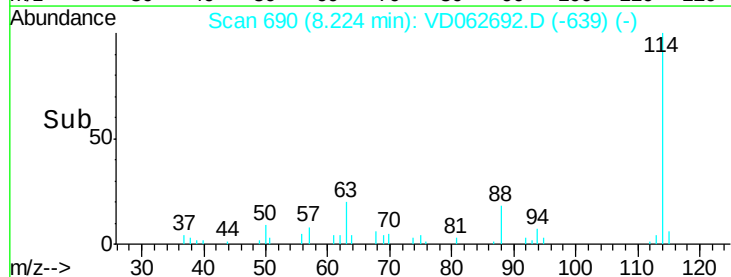
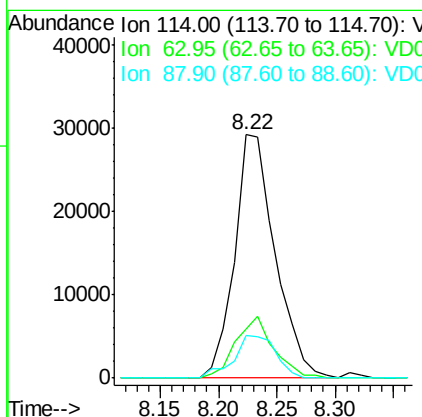
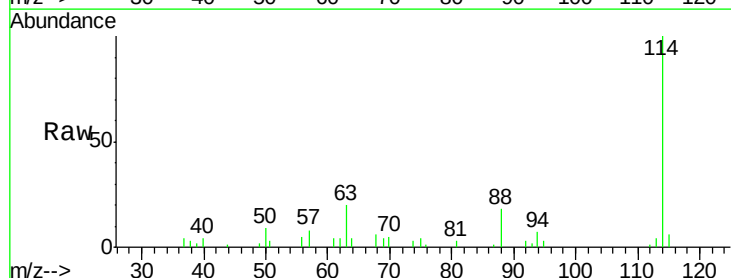
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3407

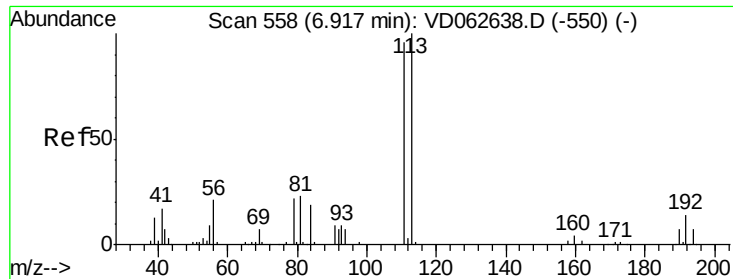
Tot Ion: 65 Resp: 43867
 Ion Ratio Lower Upper
 65 100
 67 37.6 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD062692.D
 Acq: 13 Jun 2019 14:17

Tgt Ion: 114 Resp: 70486
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 17.6 0.0 36.8

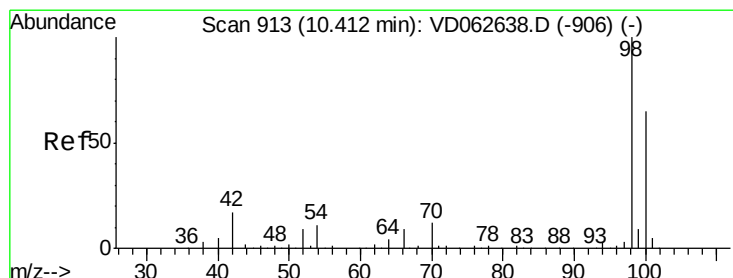
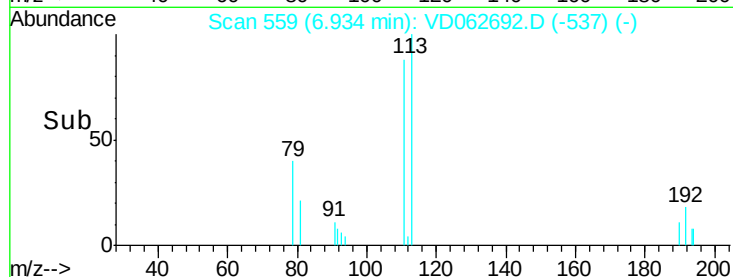
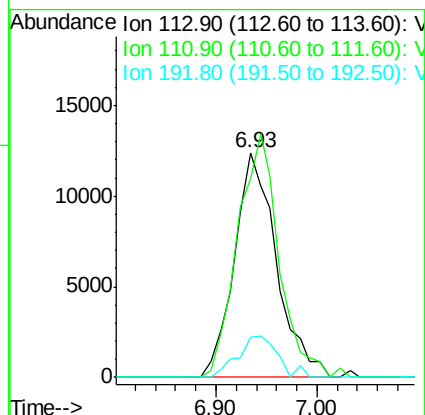
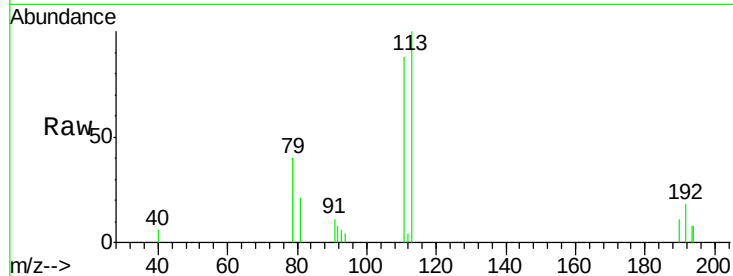




#35
 Dibromofluoromethane
 Concen: 48.268 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD062692.D
 Acq: 13 Jun 2019 14:17

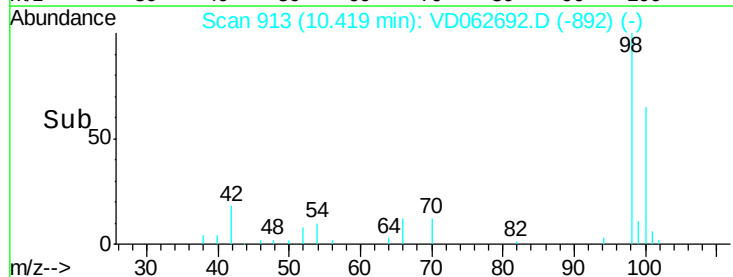
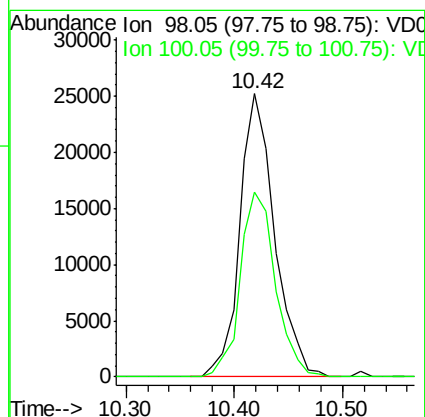
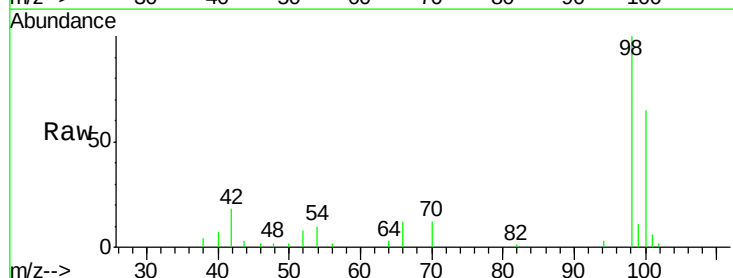
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3407

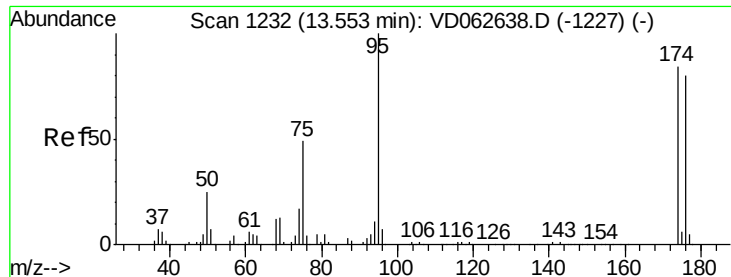
Tot Ion:113 Resp: 35881
 Ion Ratio Lower Upper
 113 100
 111 88.2 76.4 114.6
 192 17.6 11.4 17.0#



#50
 Toluene-d8
 Concen: 35.816 ug/l
 RT: 10.42 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD062692.D
 Acq: 13 Jun 2019 14:17

Tgt Ion: 98 Resp: 56009
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 43.855 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062692.D

Acq: 13 Jun 2019 14:17

Instrument :

MSVOA_D

ClientSampleId :

RT-3407

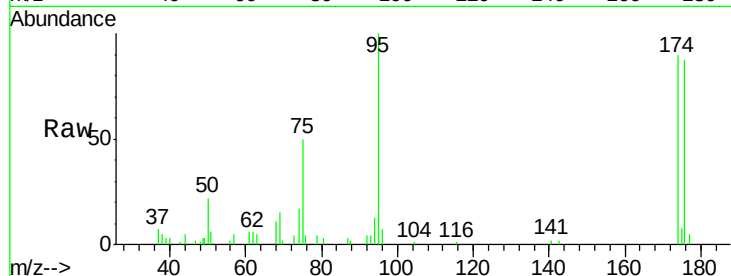
Tot Ion: 95 Resp: 31995

Ion Ratio Lower Upper

95 100

174 90.4 0.0 167.0

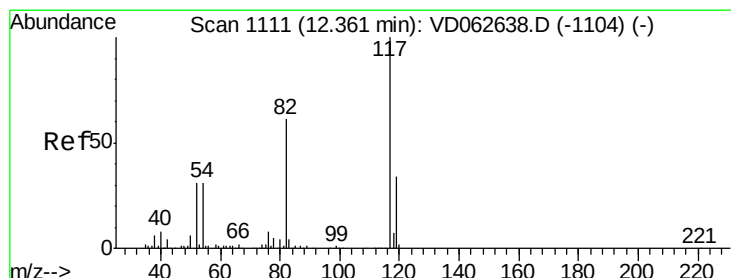
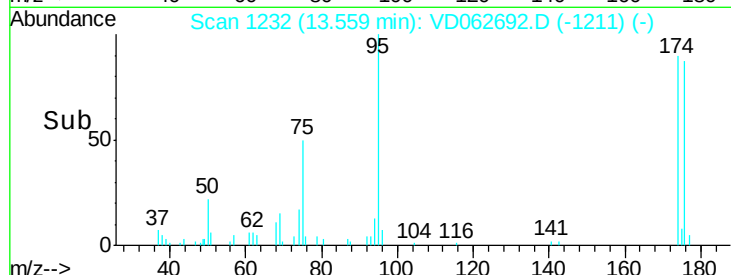
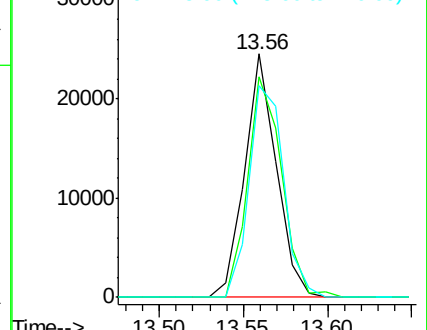
176 87.1 0.0 159.2



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: 12.38 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VD062692.D

Acq: 13 Jun 2019 14:17

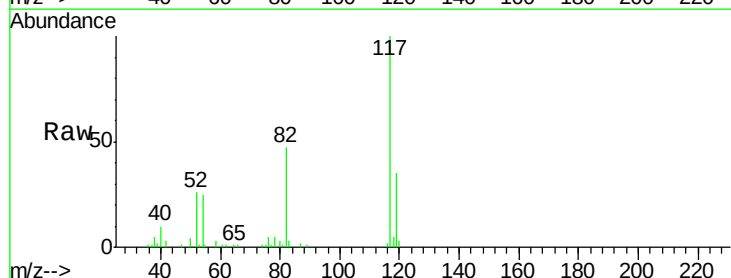
Tgt Ion: 117 Resp: 65424

Ion Ratio Lower Upper

117 100

82 46.9 48.7 73.1#

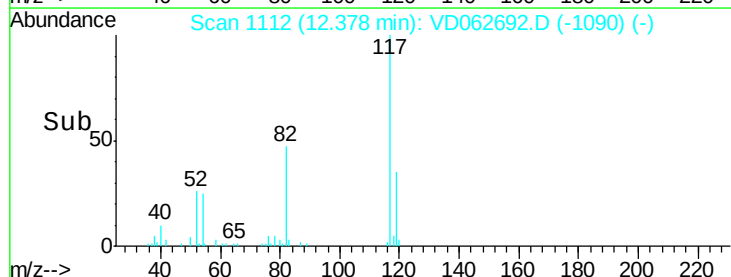
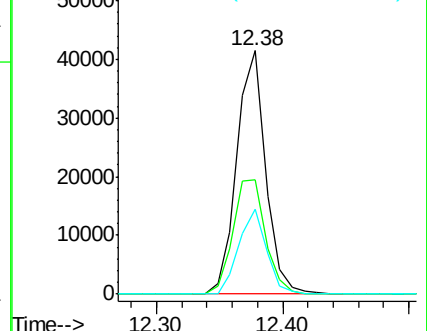
119 34.8 27.0 40.6

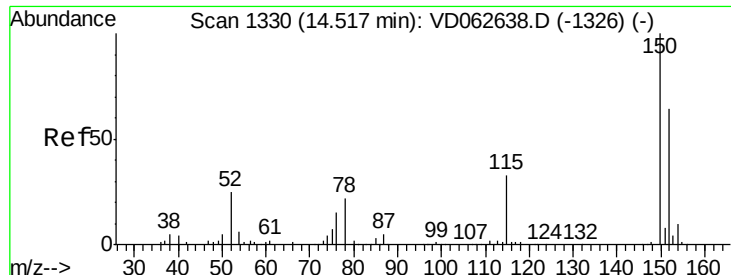


Abundance Ion 116.95 (116.65 to 117.65): V

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. 0.01 min
 Lab File: VD062692.D
 Acq: 13 Jun 2019 14:17

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3407

Tot Ion:152 Resp: 38003
 Ion Ratio Lower Upper
 152 100
 115 42.5 30.1 90.5
 150 147.8 0.0 314.0

