

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032119\
 Data File : VD061247.D
 Acq On : 21 Mar 2019 16:21
 Operator : VA/AP
 Sample : K2004-01RE
 Misc : 5.77g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20(10-11)RE

Quant Time: Mar 22 04:55:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

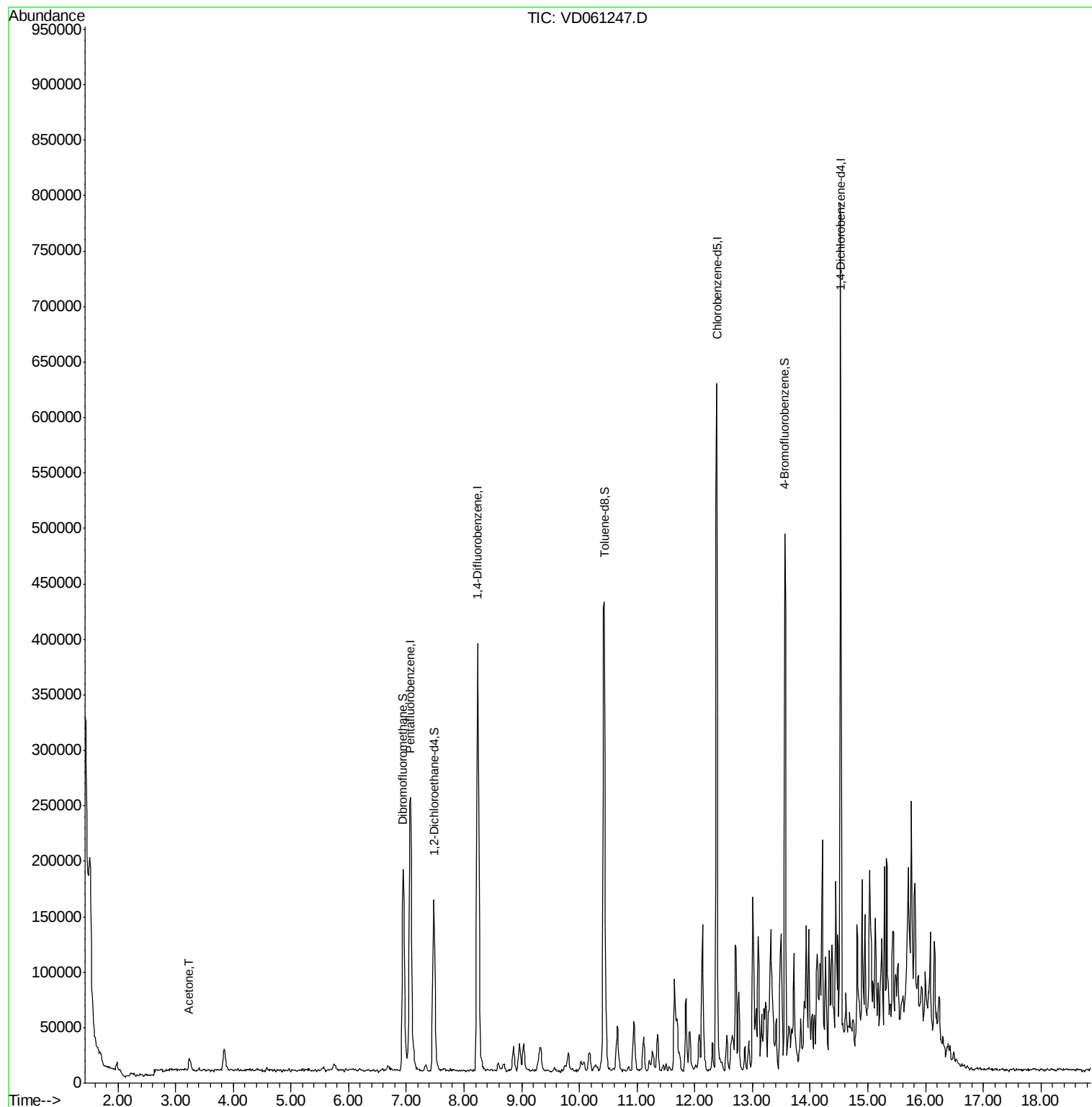
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	274177	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	482464	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	397029	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	165483	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	146349	64.13	ug/l	0.03
Spiked Amount 50.000			Recovery	=	128.26%	
35) Dibromofluoromethane	6.95	113	176617	49.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.43	98	390423	43.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	86.84%	
62) 4-Bromofluorobenzene	13.56	95	160082	45.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
16) Acetone	3.23	43	21602	33.101	ug/l	Qvalue 93

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061247.D

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MSVOA_D

ClientSampleId :

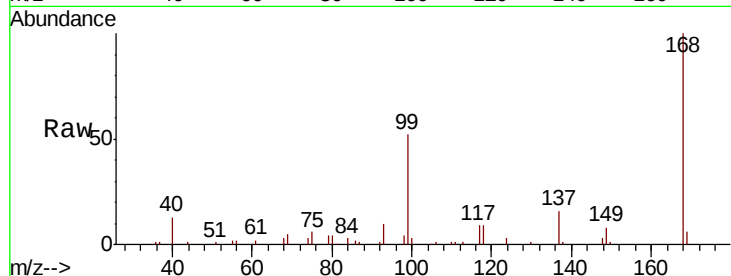
SB-20(10-11)RE

Tot Ion:168 Resp: 274177

Ion Ratio Lower Upper

168 100

99 52.5 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

100000

80000

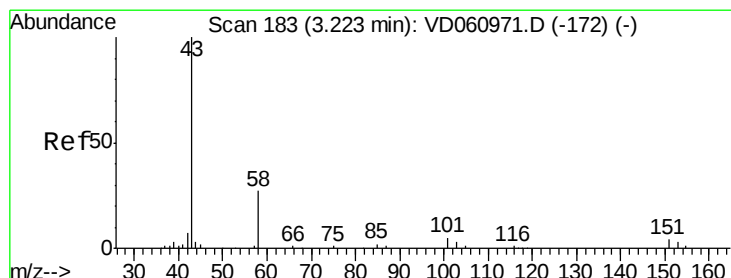
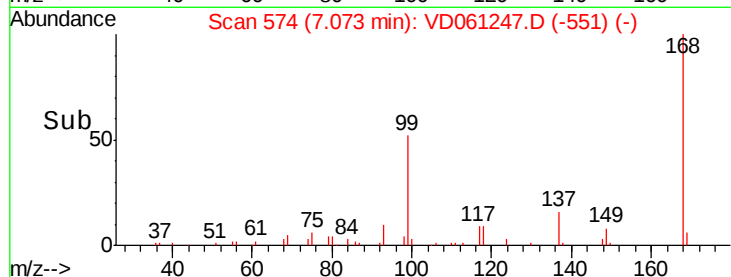
60000

40000

20000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 33.101 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061247.D

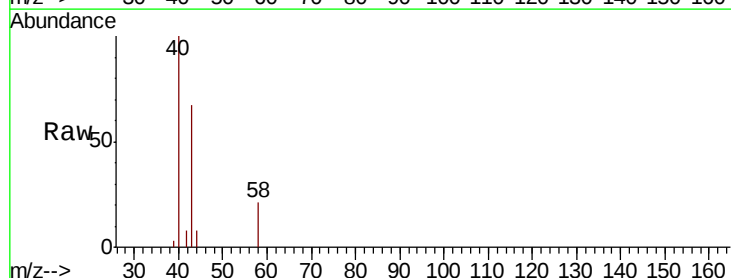
Acq: 21 Mar 2019 16:21

Tgt Ion: 43 Resp: 21602

Ion Ratio Lower Upper

43 100

58 30.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

8000

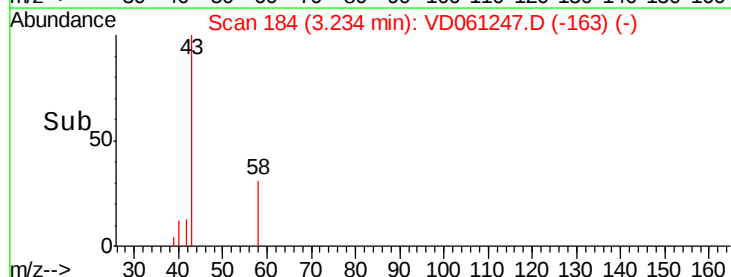
6000

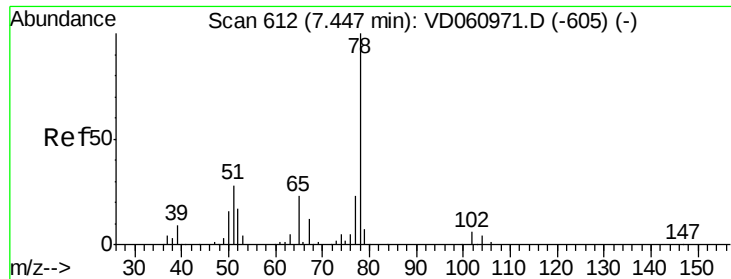
4000

2000

0

Time--> 3.20 3.30

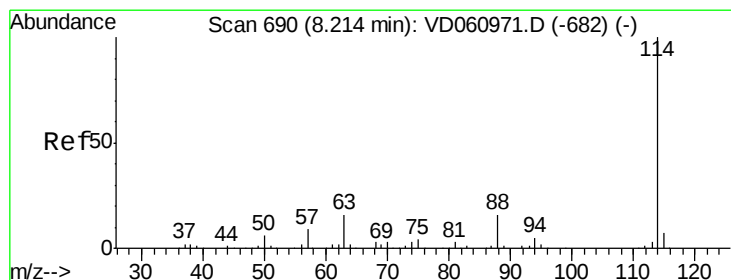
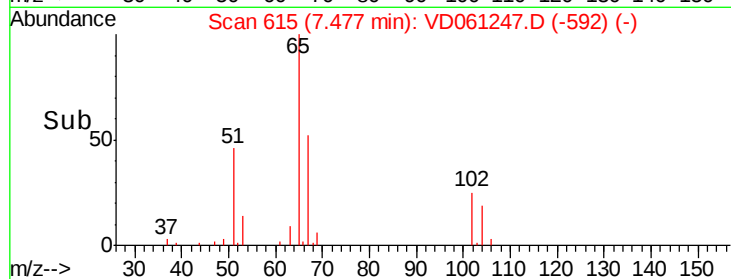
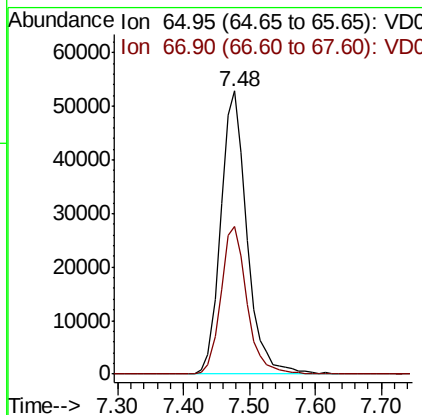
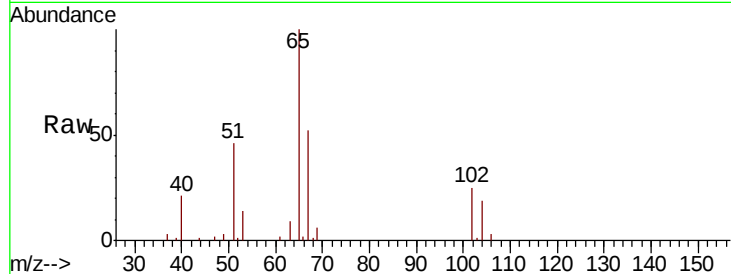




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.03 min
 Lab File: VD061247.D
 Acq: 21 Mar 2019 16:21

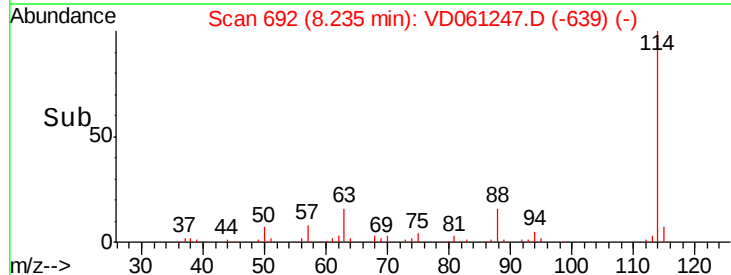
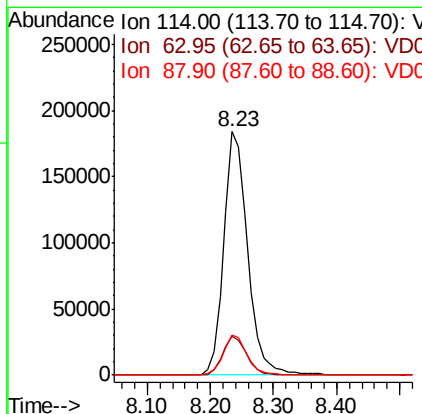
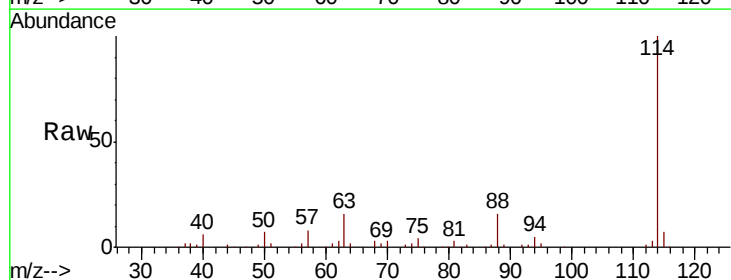
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20(10-11)RE

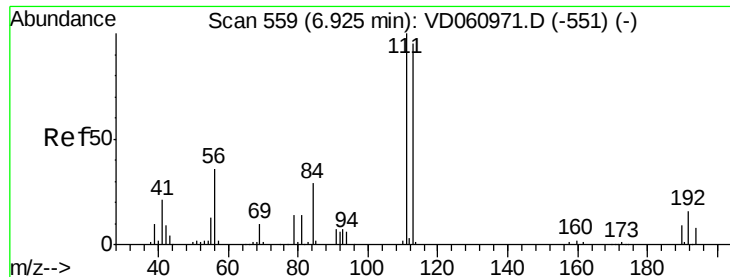
Tot Ion: 65 Resp: 146349
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061247.D
 Acq: 21 Mar 2019 16:21

Tgt Ion: 114 Resp: 482464
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.4
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061247.D

Acq: 21 Mar 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

SB-20(10-11)RE

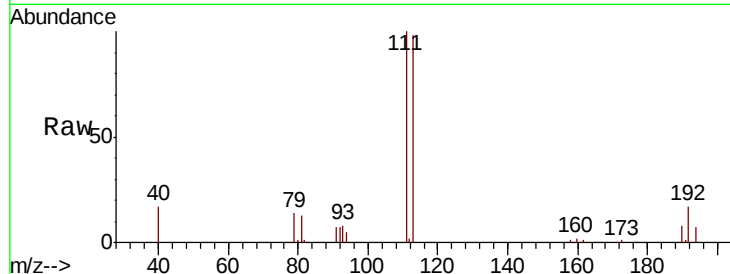
Tot Ion:113 Resp: 176617

Ion Ratio Lower Upper

113 100

111 102.3 84.2 126.4

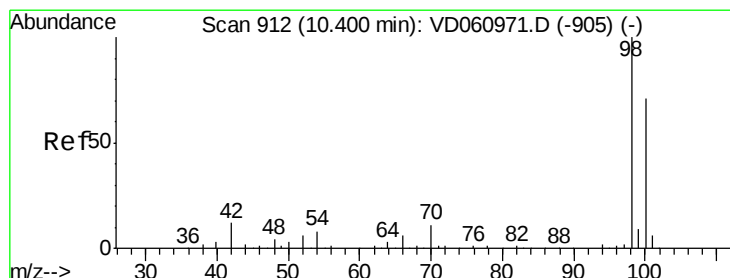
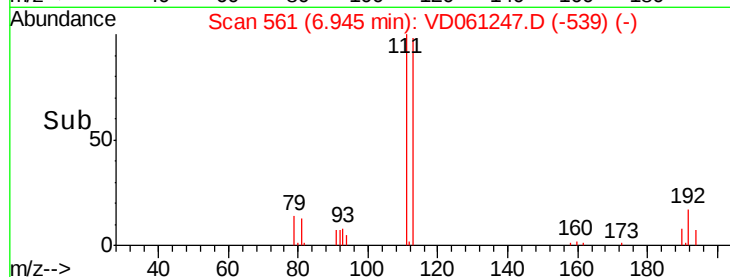
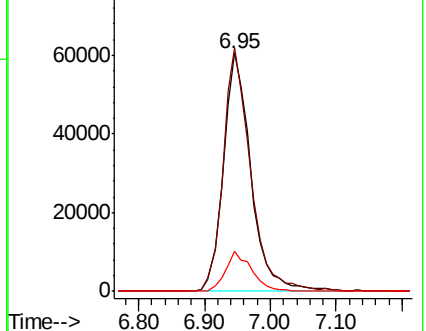
192 17.0 13.1 19.7



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: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061247.D

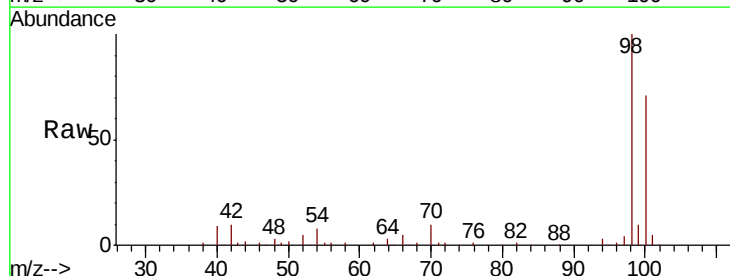
Acq: 21 Mar 2019 16:21

Tgt Ion: 98 Resp: 390423

Ion Ratio Lower Upper

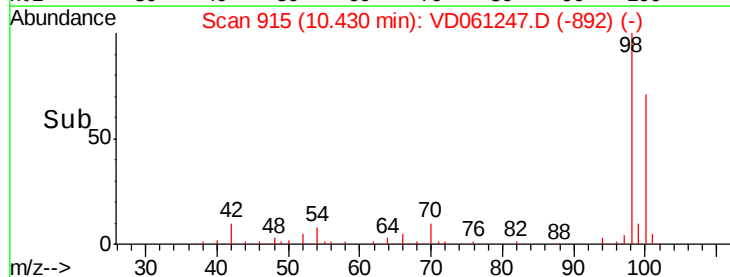
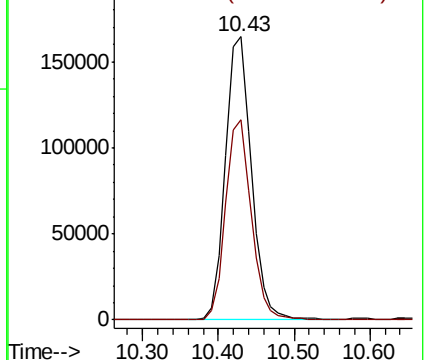
98 100

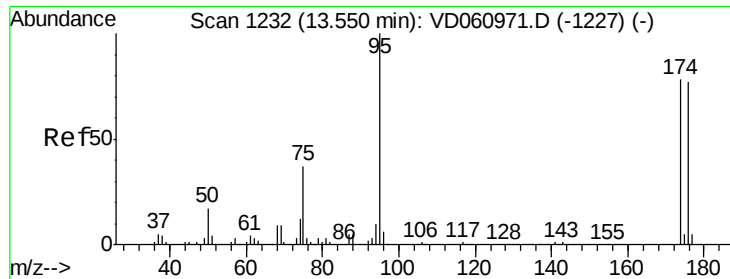
100 70.7 57.4 86.2



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: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061247.D

Acq: 21 Mar 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

SB-20(10-11)RE

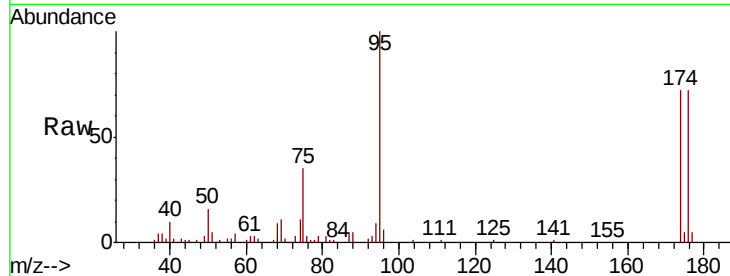
Tot Ion: 95 Resp: 160082

Ion Ratio Lower Upper

95 100

174 72.0 0.0 155.6

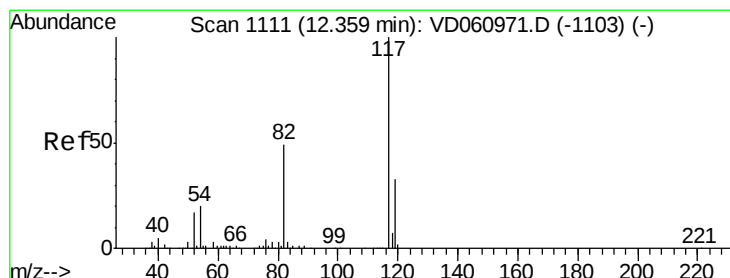
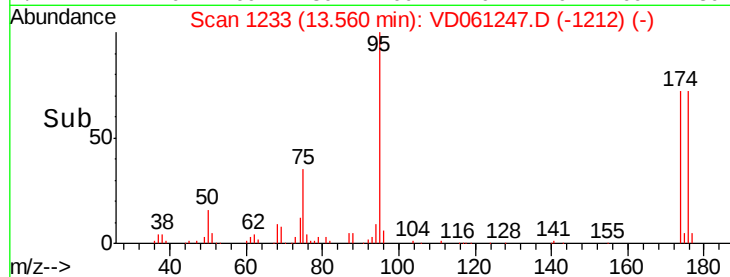
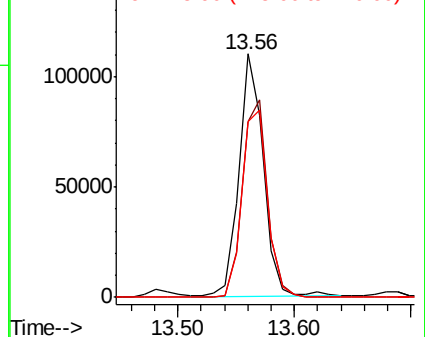
176 72.0 0.0 153.8



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# 1113

Delta R.T. 0.02 min

Lab File: VD061247.D

Acq: 21 Mar 2019 16:21

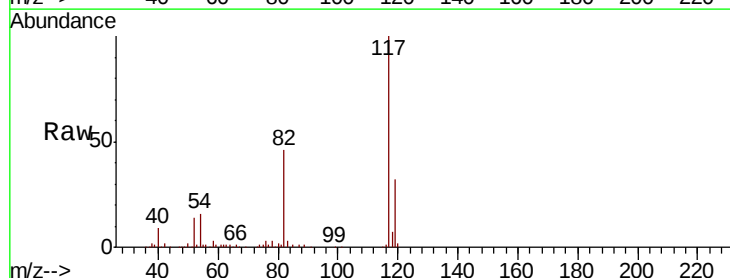
Tgt Ion: 117 Resp: 397029

Ion Ratio Lower Upper

117 100

82 46.0 38.9 58.3

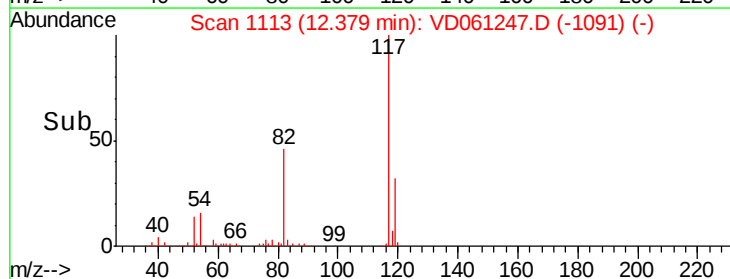
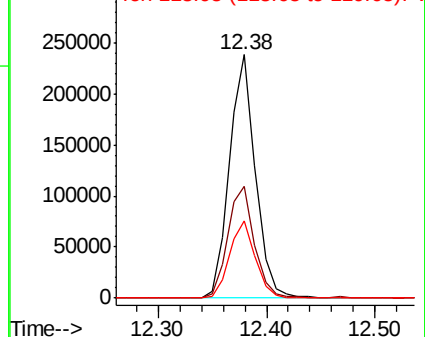
119 31.9 26.6 39.8

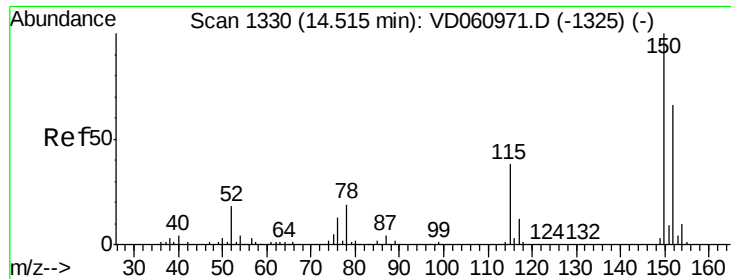


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

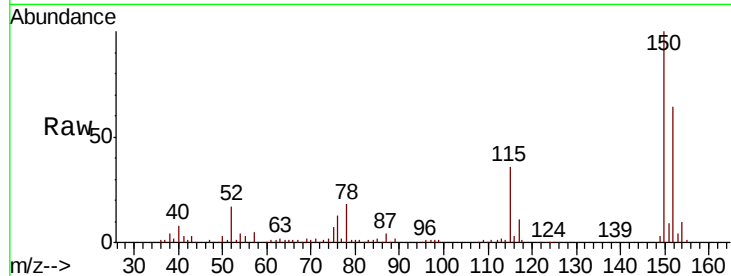




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061247.D
 Acq: 21 Mar 2019 16:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20(10-11)RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.6	85.9
150	156.5	0.0	310.6



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

