

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062726.D
 Acq On : 17 Jun 2019 15:02
 Operator : VA/AP
 Sample : K3154-03
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-B

Quant Time: Jun 18 06:44:27 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

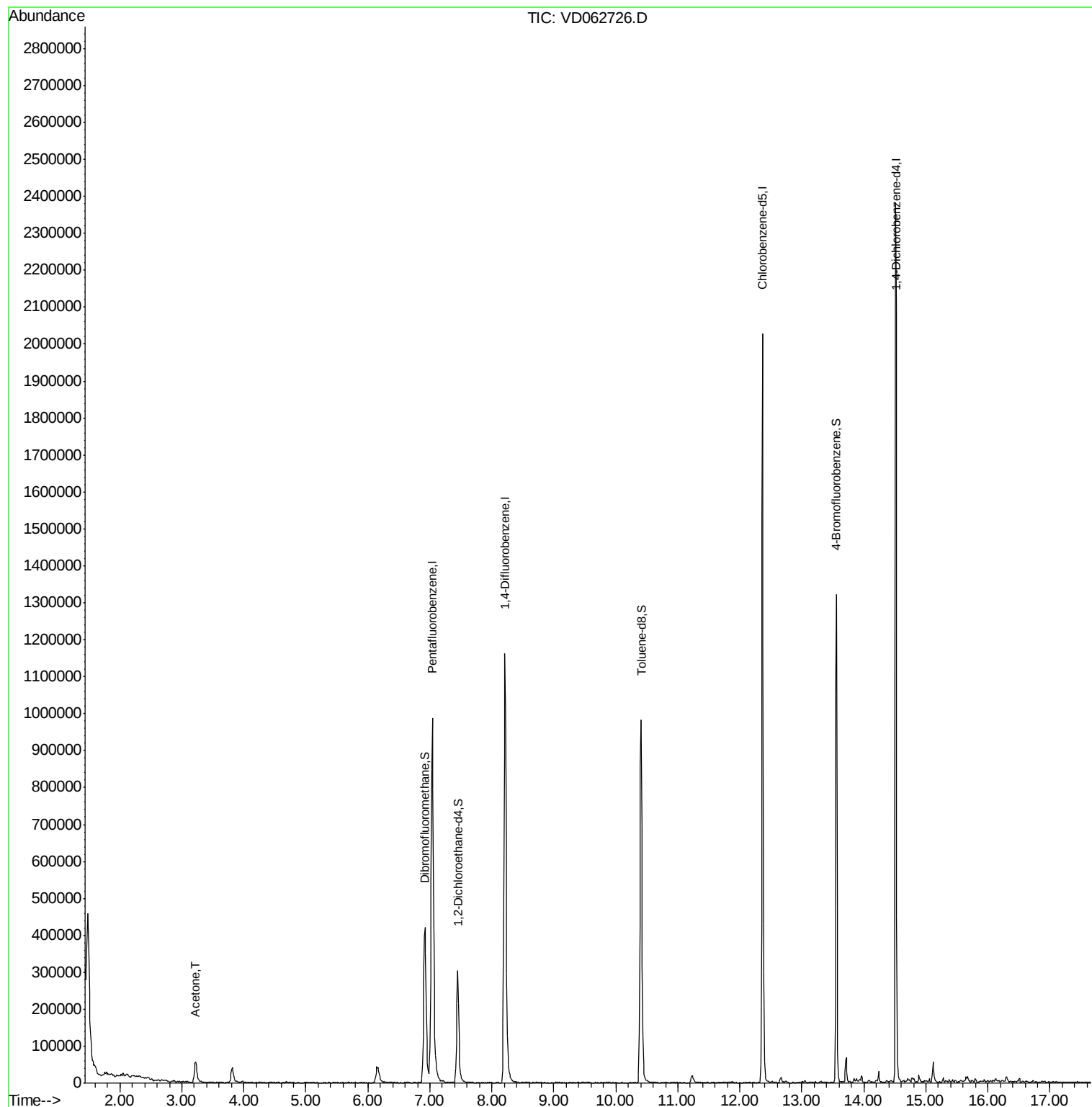
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	923873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1259849	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1069483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	552321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	366673	27.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.00%	
35) Dibromofluoromethane	6.92	113	382906	28.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.64%	
50) Toluene-d8	10.41	98	777043	27.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.60%	
62) 4-Bromofluorobenzene	13.56	95	363515	27.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.76%	
Target Compounds						
16) Acetone	3.21	43	123061	50.410	ug/l	Qvalue 96

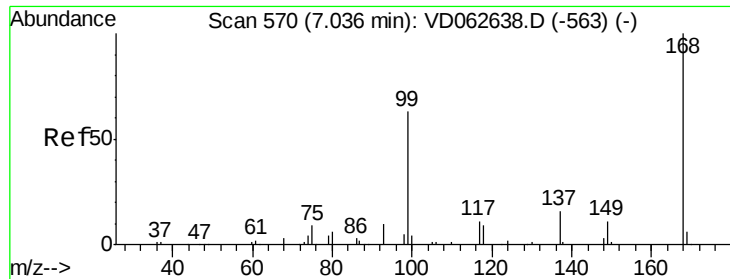
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD062726.D

Acq: 17 Jun 2019 15:02

Instrument :

MSVOA_D

ClientSampleId :

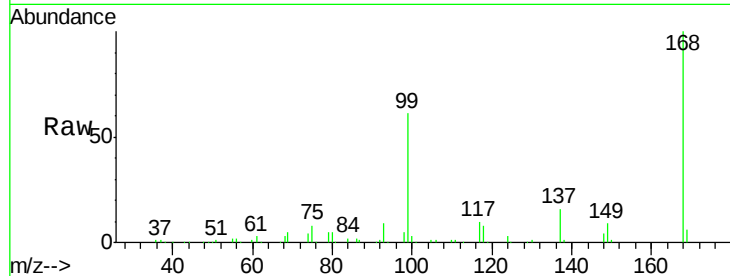
JC-02-061419-B

Tot Ion:168 Resp: 923873

Ion Ratio Lower Upper

168 100

99 61.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

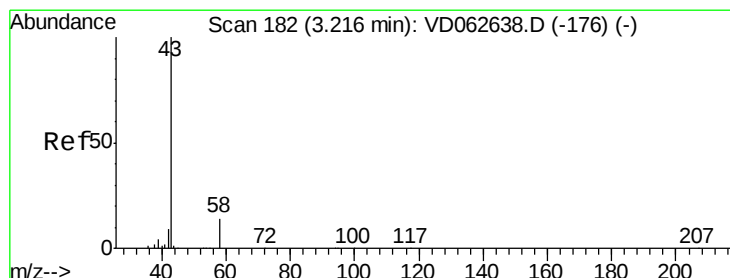
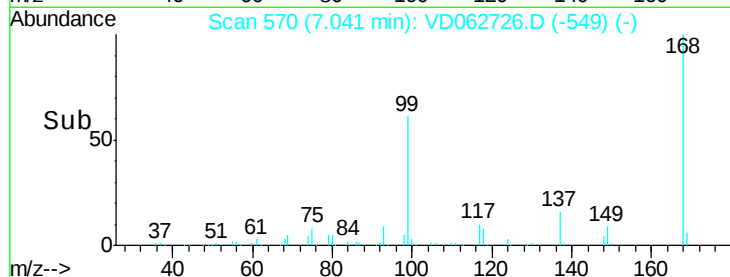
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 50.410 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.00 min

Lab File: VD062726.D

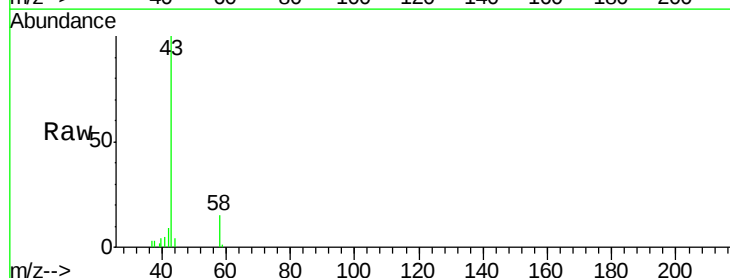
Acq: 17 Jun 2019 15:02

Tgt Ion: 43 Resp: 123061

Ion Ratio Lower Upper

43 100

58 15.3 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

40000

30000

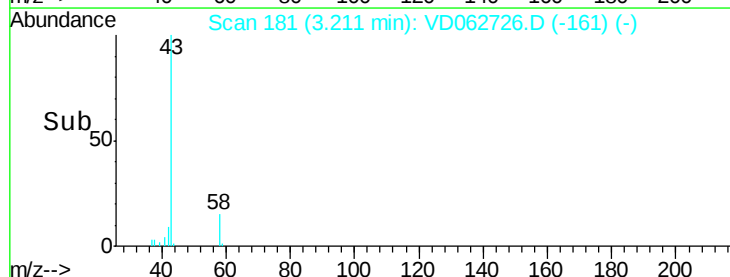
20000

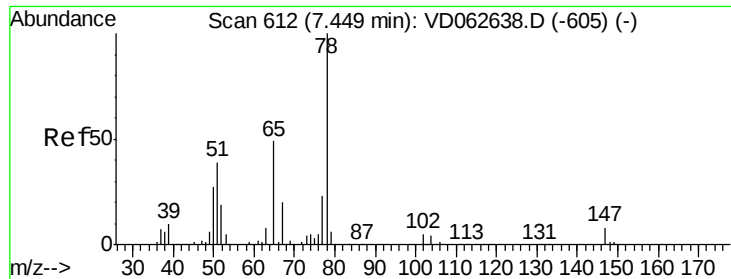
10000

0

3.10 3.20 3.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 27.504 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD062726.D

Acq: 17 Jun 2019 15:02

Instrument :

MSVOA_D

ClientSampleId :

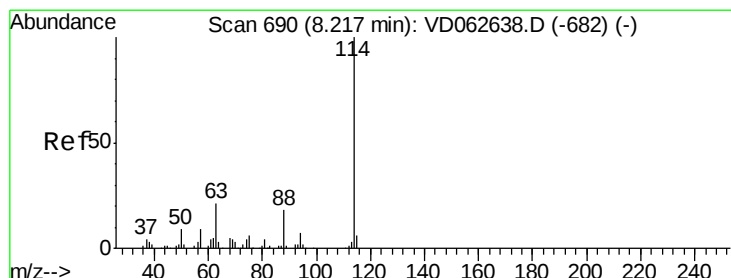
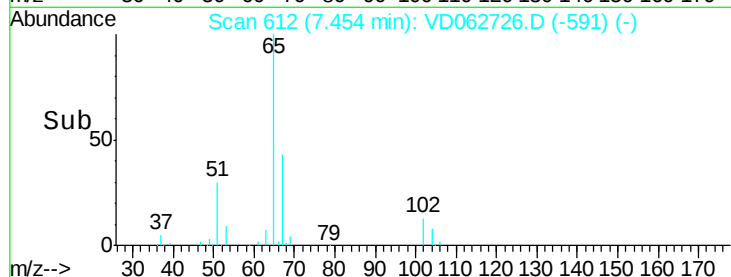
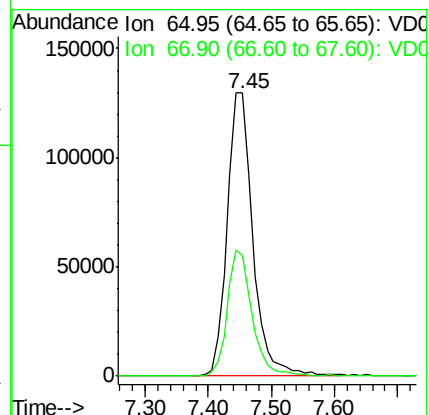
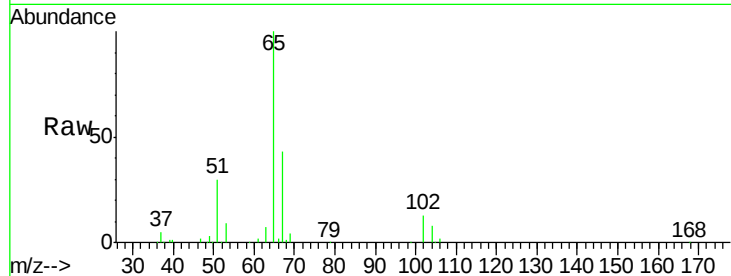
JC-02-061419-B

Tot Ion: 65 Resp: 366673

Ion Ratio Lower Upper

65 100

67 42.5 0.0 81.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD062726.D

Acq: 17 Jun 2019 15:02

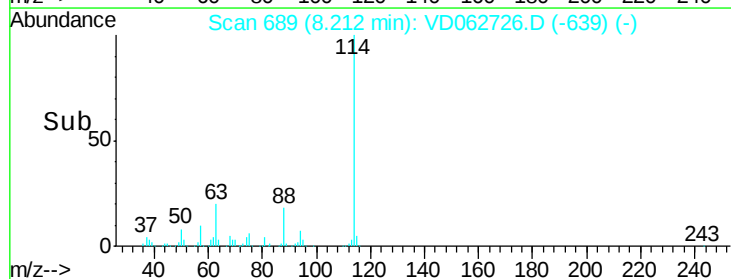
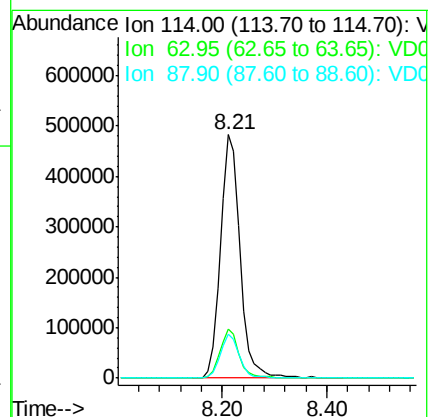
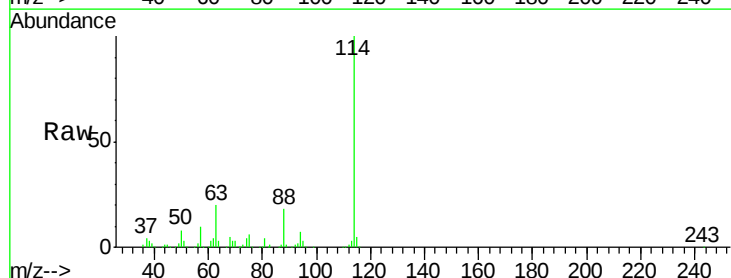
Tgt Ion: 114 Resp: 1259849

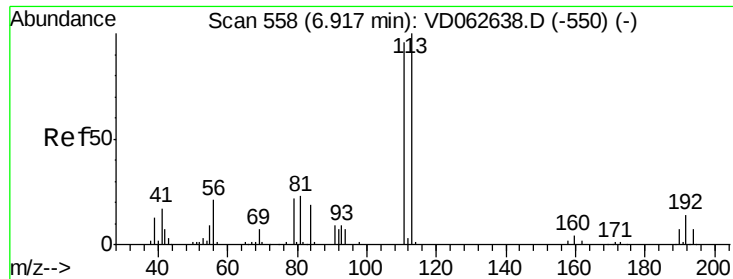
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 18.2 0.0 36.8

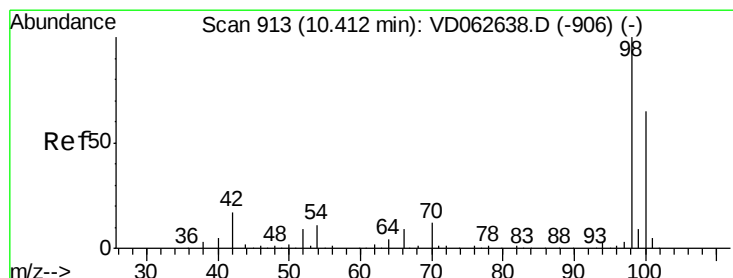
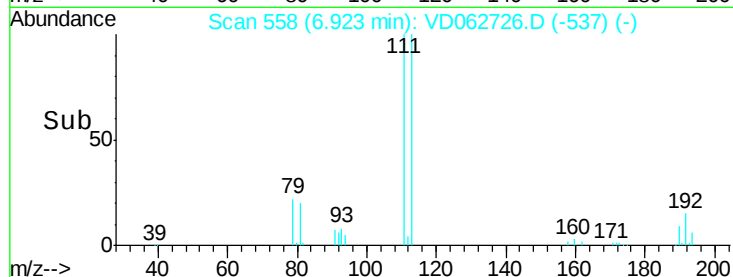
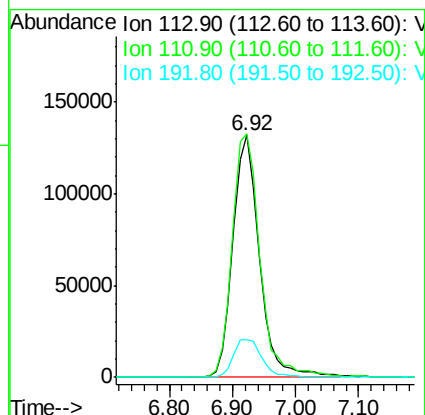
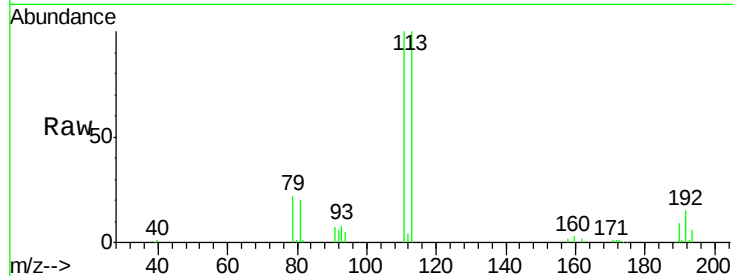




#35
 Dibromofluoromethane
 Concen: 28.819 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD062726.D
 Acq: 17 Jun 2019 15:02

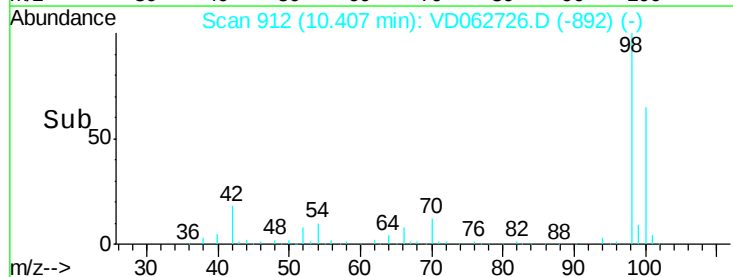
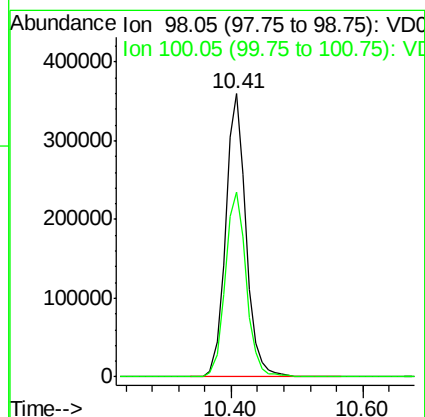
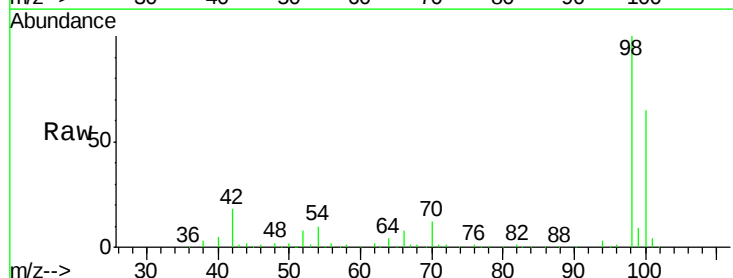
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-B

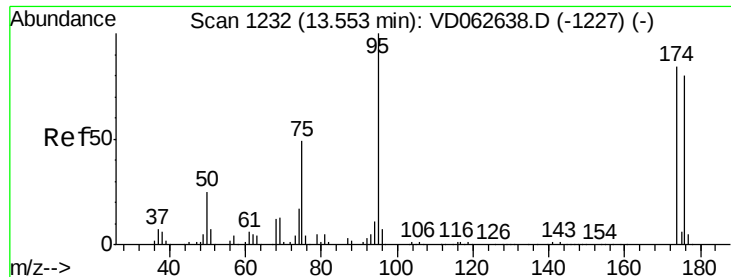
Tot Ion:113 Resp: 382906
 Ion Ratio Lower Upper
 113 100
 111 100.5 76.4 114.6
 192 15.4 11.4 17.0



#50
 Toluene-d8
 Concen: 27.800 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VD062726.D
 Acq: 17 Jun 2019 15:02

Tgt Ion: 98 Resp: 777043
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 27.877 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062726.D

Acq: 17 Jun 2019 15:02

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-B

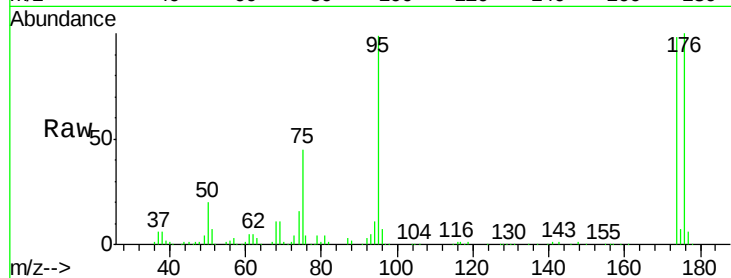
Tot Ion: 95 Resp: 363515

Ion Ratio Lower Upper

95 100

174 99.1 0.0 167.0

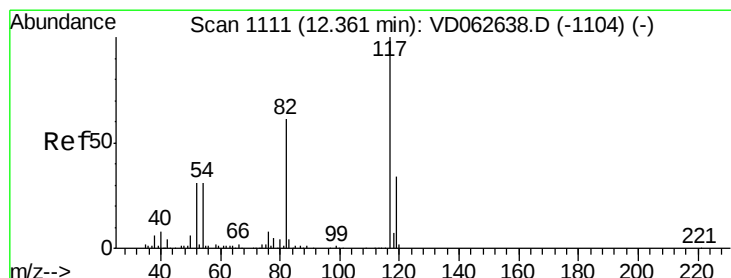
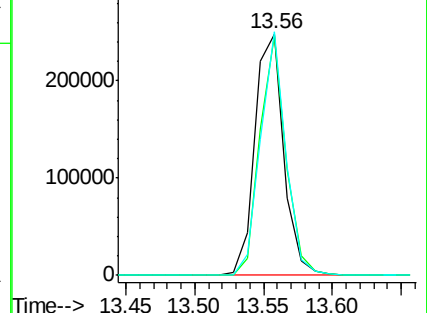
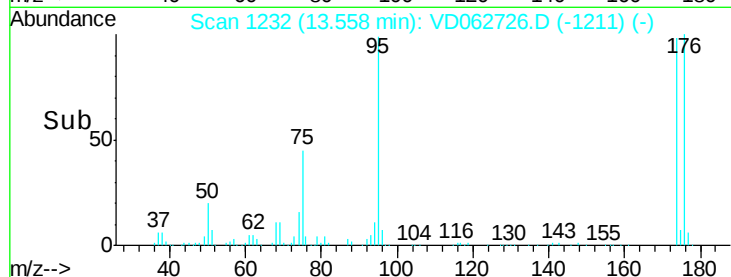
176 100.9 0.0 159.2



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: 12.37 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD062726.D

Acq: 17 Jun 2019 15:02

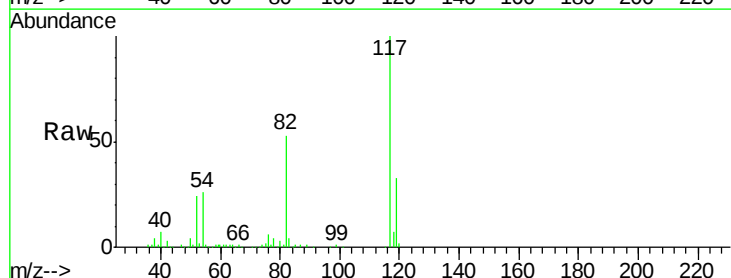
Tgt Ion: 117 Resp: 1069483

Ion Ratio Lower Upper

117 100

82 52.9 48.7 73.1

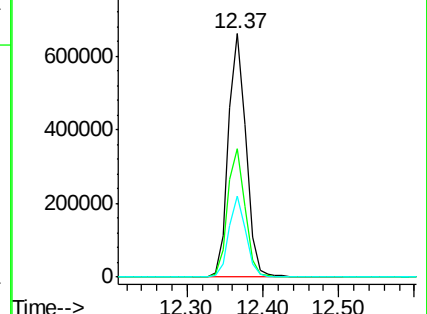
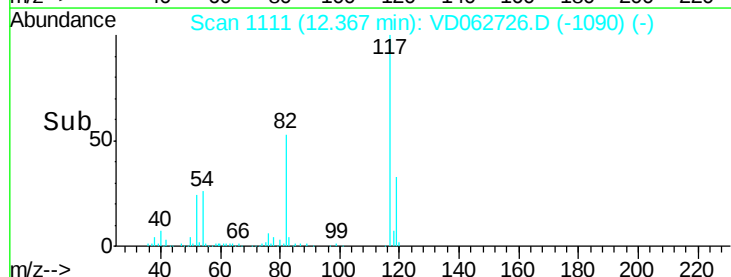
119 33.4 27.0 40.6

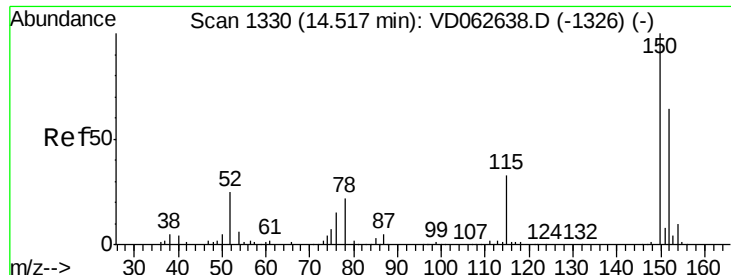


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

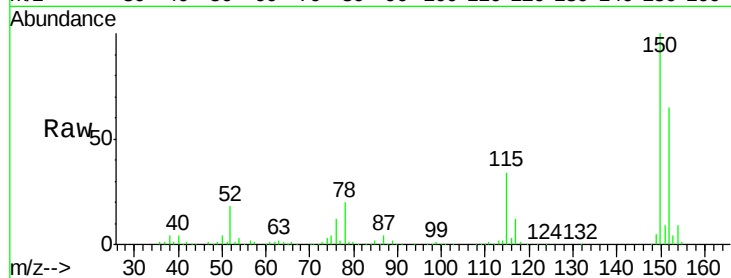




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD062726.D
 Acq: 17 Jun 2019 15:02

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.3	30.1	90.5
150	153.8	0.0	314.0



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

