

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062817.D
 Acq On : 21 Jun 2019 15:37
 Operator : VA/AP
 Sample : K3470-05
 Misc : 4.14g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-5

Quant Time: Jun 22 04:49:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

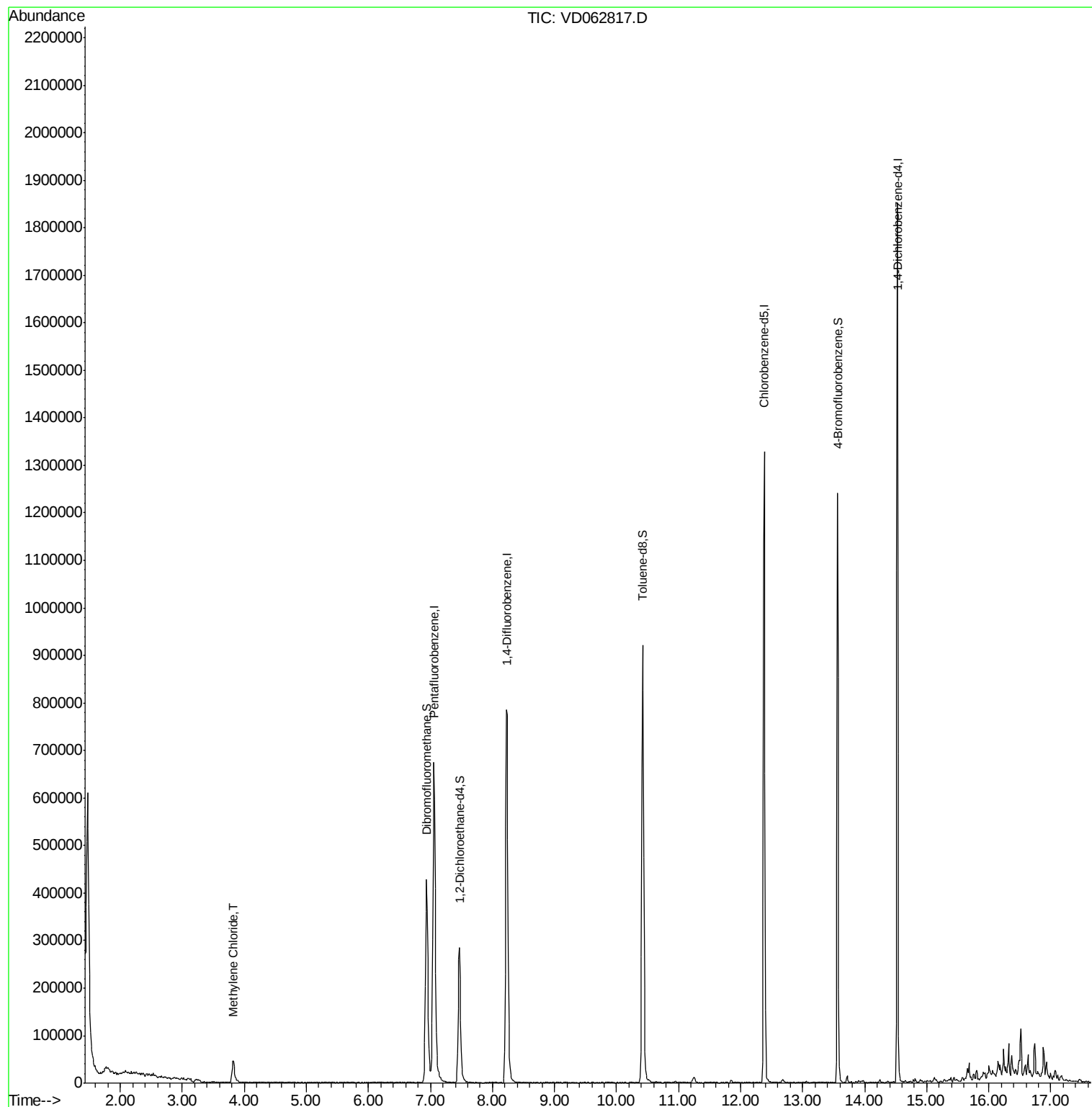
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	610193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	828551	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	704316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	364616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	330162	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	6.94	113	361040	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
50) Toluene-d8	10.42	98	744794	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	13.56	95	327423	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
Target Compounds						
20) Methylene Chloride	3.82	84	31701	6.267	ug/l #	Qvalue 88

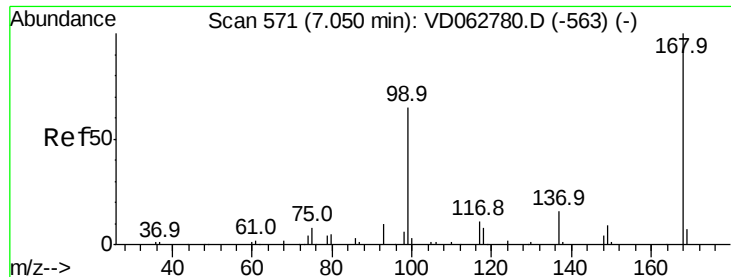
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062817.D

Acq: 21 Jun 2019 15:37

Instrument :

MSVOA_D

ClientSampleId :

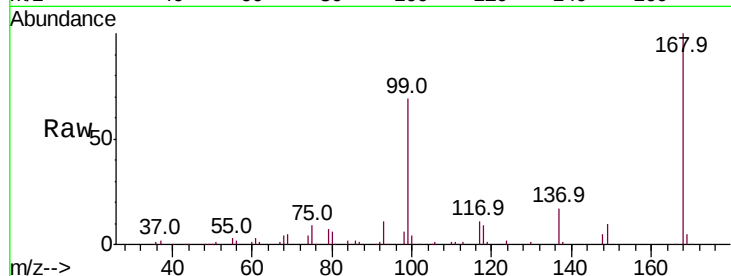
SAMPLE-5

Tot Ion:168 Resp: 610193

Ion Ratio Lower Upper

168 100

99 69.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

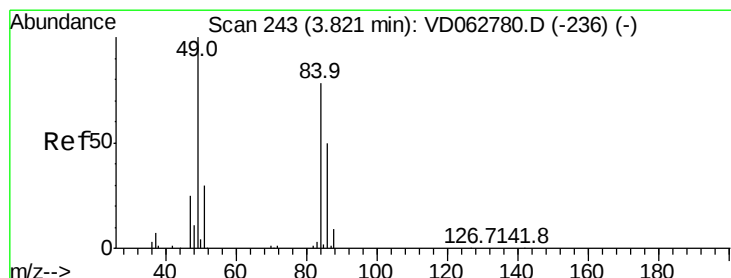
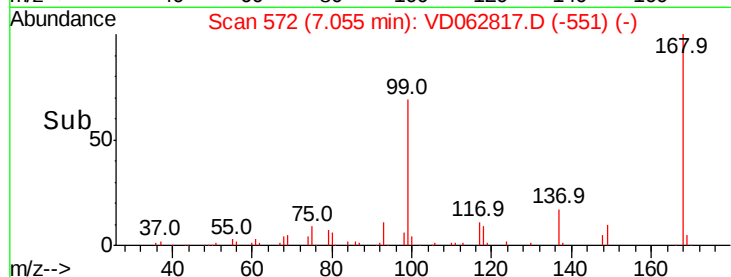
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 6.267 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD062817.D

Acq: 21 Jun 2019 15:37

Tgt Ion: 84 Resp: 31701

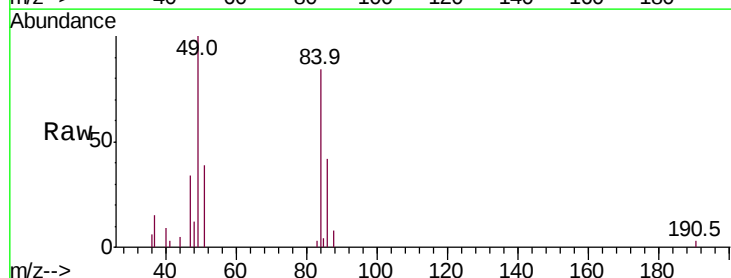
Ion Ratio Lower Upper

84 100

49 119.2 102.9 154.3

51 46.9 31.2 46.8#

86 50.3 51.4 77.2#



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

3.82

20000

15000

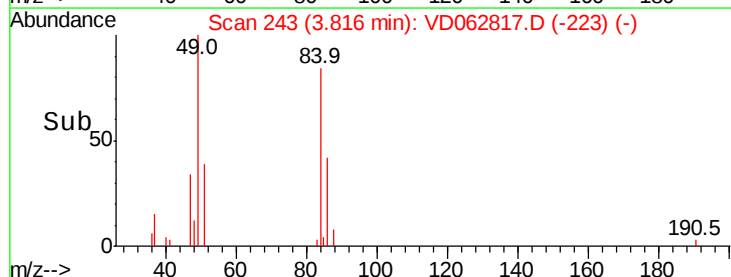
10000

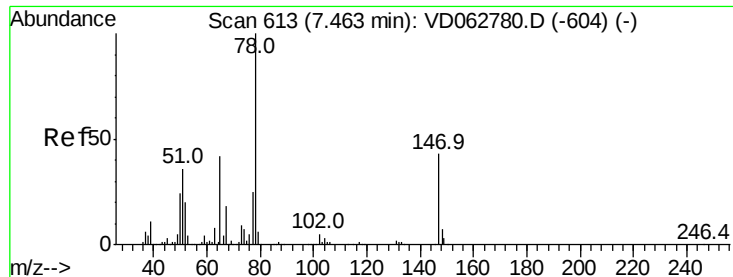
5000

0

Time-->

3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 49.778 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062817.D

Acq: 21 Jun 2019 15:37

Instrument :

MSVOA_D

ClientSampleId :

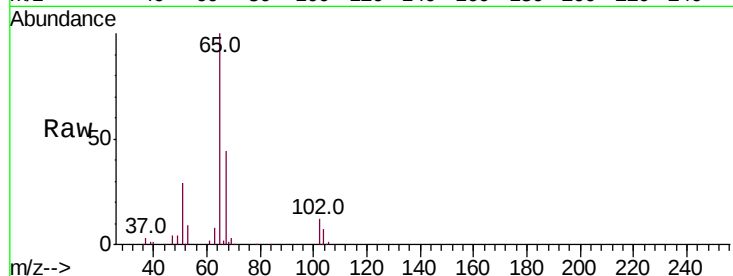
SAMPLE-5

Tot Ion: 65 Resp: 330162

Ion Ratio Lower Upper

65 100

67 44.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

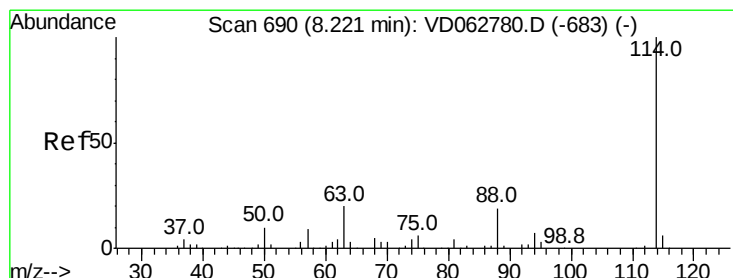
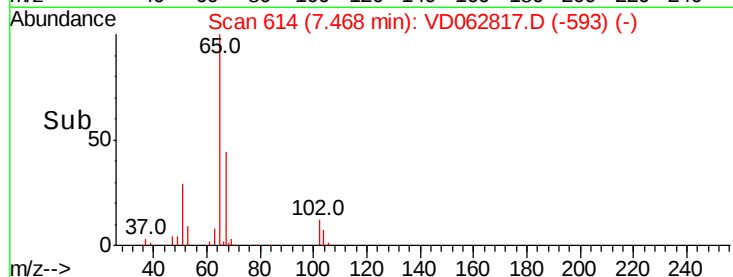
7.47

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD062817.D

Acq: 21 Jun 2019 15:37

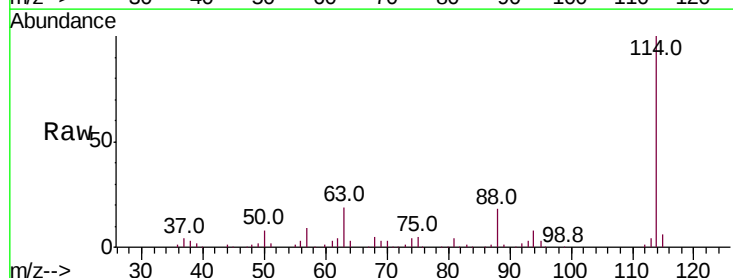
Tgt Ion: 114 Resp: 828551

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 18.2 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.24

400000

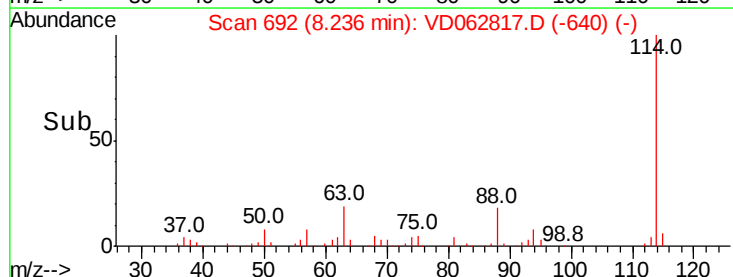
300000

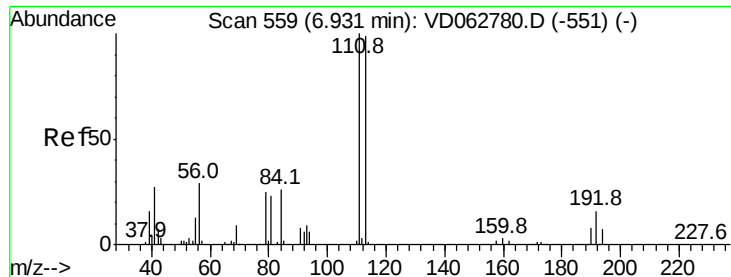
200000

100000

0

Time--> 8.20 8.40

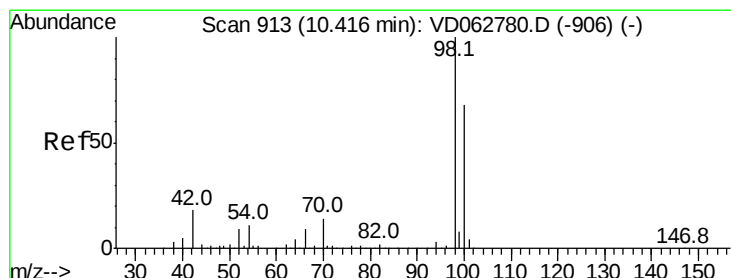
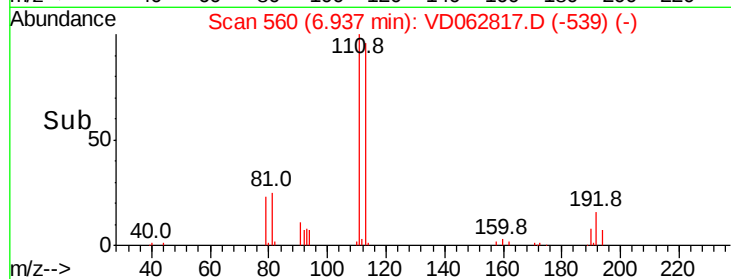
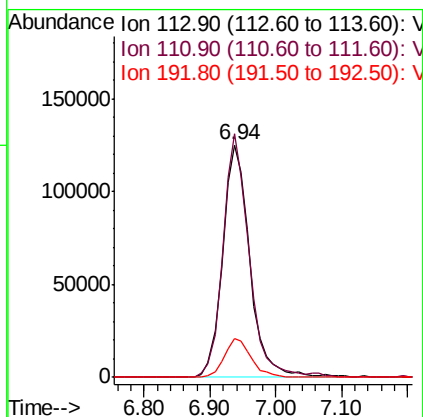
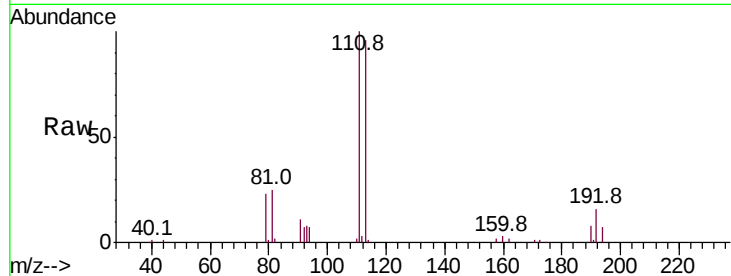




#35
 Dibromofluoromethane
 Concen: 51.678 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062817.D
 Acq: 21 Jun 2019 15:37

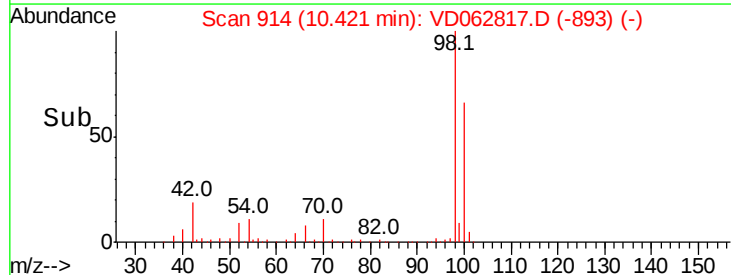
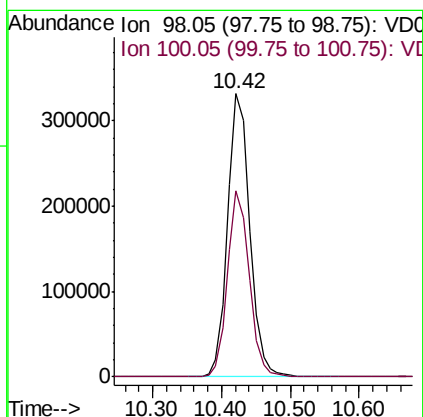
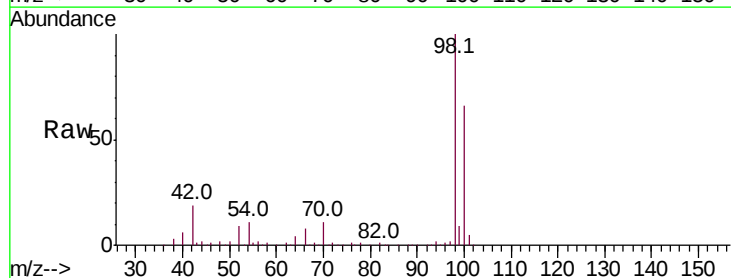
Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-5

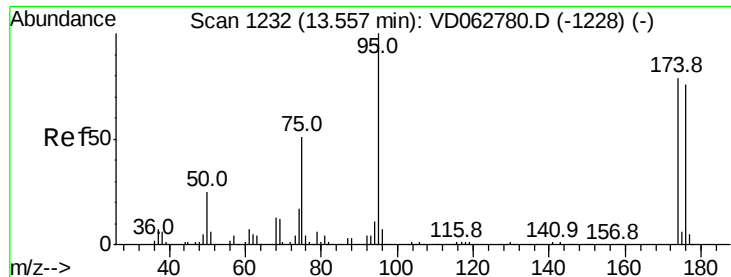
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.2	121.8
192	16.5	12.9	19.3



#50
 Toluene-d8
 Concen: 48.982 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: VD062817.D
 Acq: 21 Jun 2019 15:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	54.7	82.1

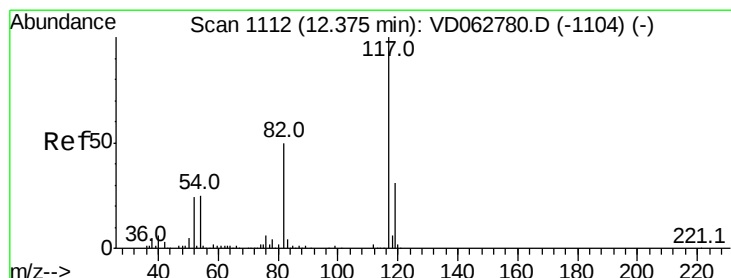
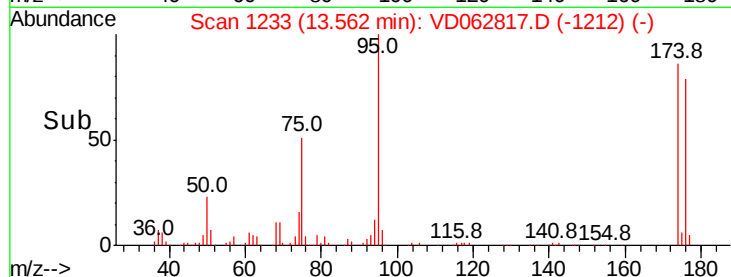
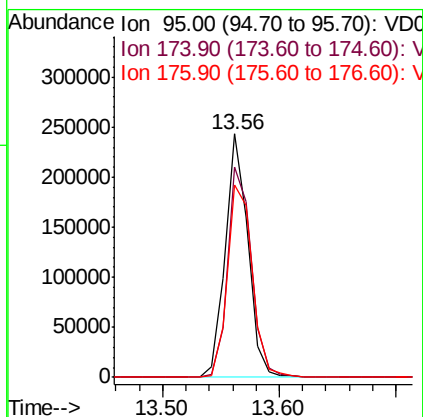
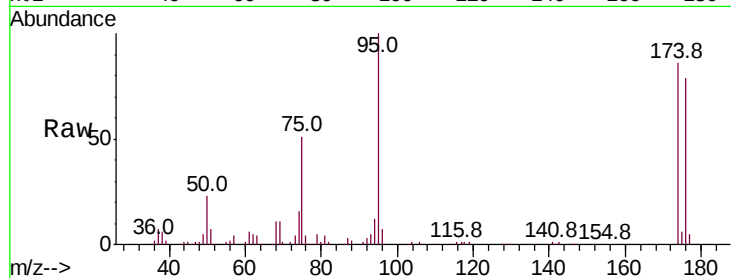




#62
 4-Bromofluorobenzene
 Concen: 47.356 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: VD062817.D
 Acq: 21 Jun 2019 15:37

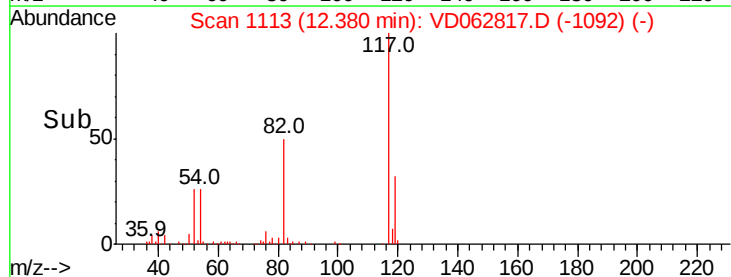
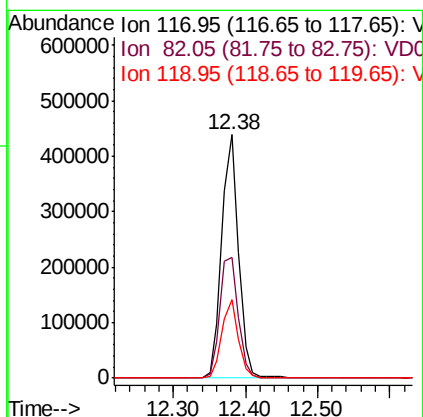
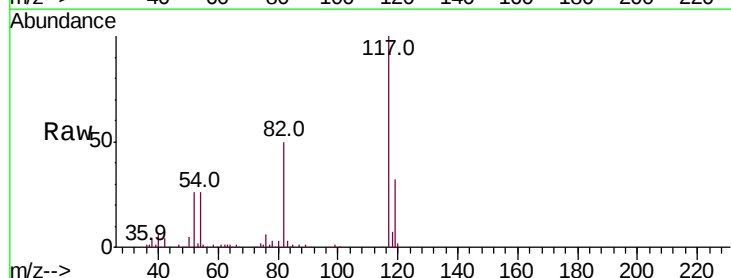
Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-5

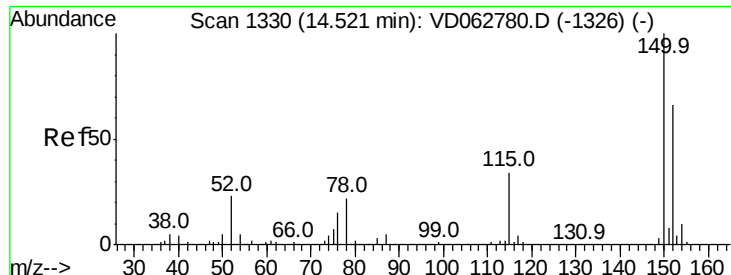
Tot Ion: 95 Resp: 327423
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 158.0
 176 78.9 0.0 151.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: VD062817.D
 Acq: 21 Jun 2019 15:37

Tgt Ion: 117 Resp: 704316
 Ion Ratio Lower Upper
 117 100
 82 49.6 40.4 60.6
 119 32.1 25.2 37.8

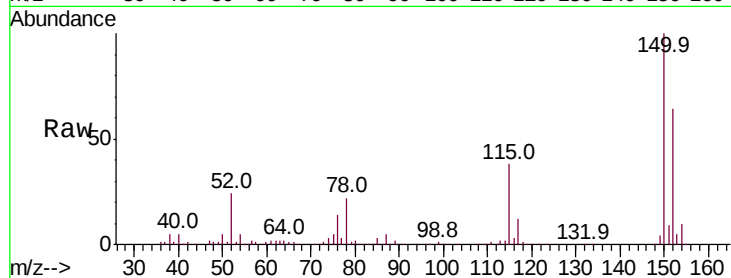




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062817.D
 Acq: 21 Jun 2019 15:37

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-5

Tot Ion:152 Resp: 364616
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.2 87.6
 150 157.3 0.0 305.8



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

