

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063187.D
 Acq On : 22 Jul 2019 19:56
 Operator : VA/AP
 Sample : K3622-11
 Misc : 7.06g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-071919-B

Quant Time: Jul 23 08:50:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

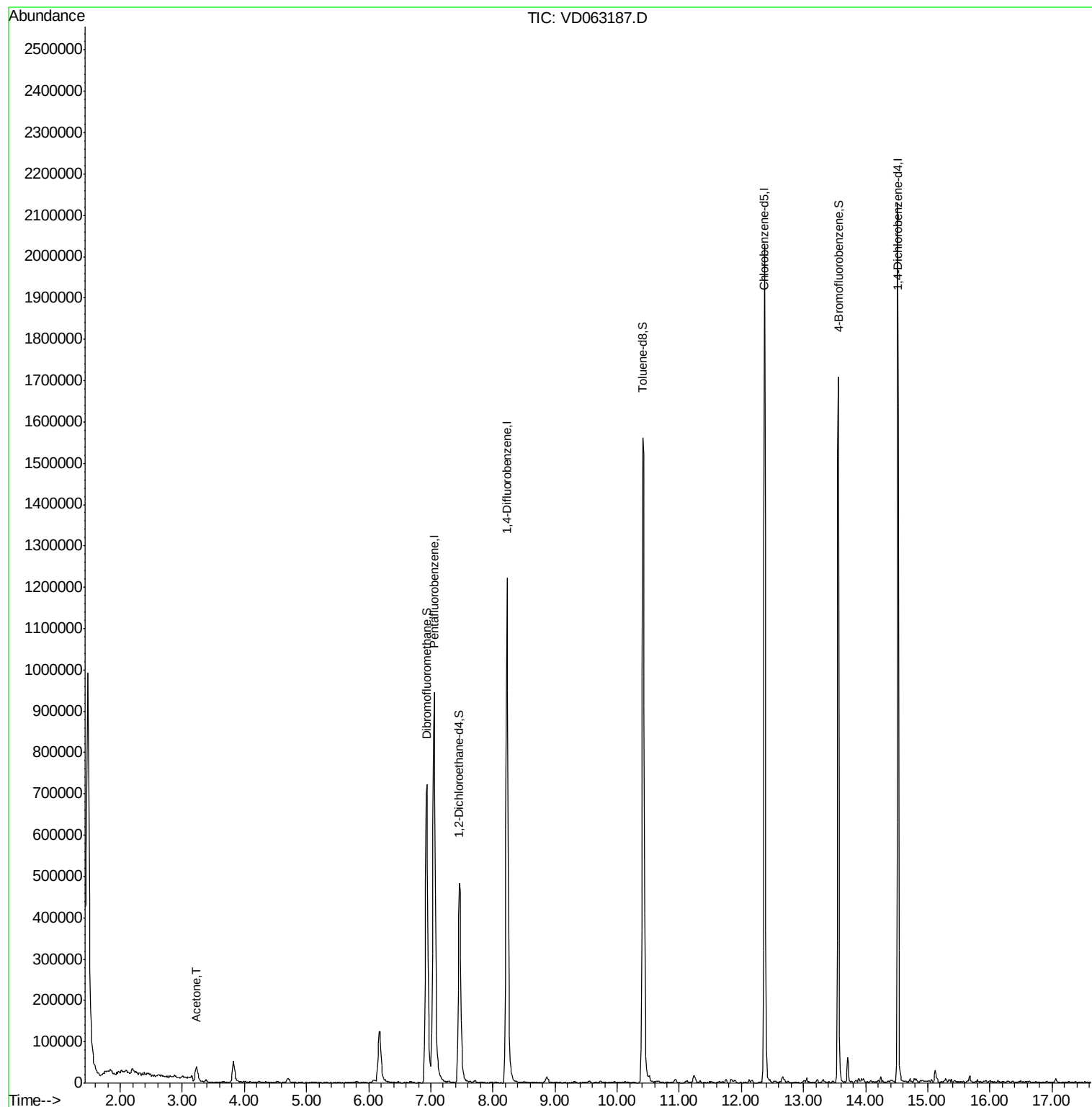
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	922651	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1307027	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1082699	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	484035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	573635	49.91	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	6.94	113	642439	49.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.42	98	1330134	47.57	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	13.56	95	513125	39.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.32%	
Target Compounds						
16) Acetone	3.23	43	76939	27.716	ug/l	Qvalue 94

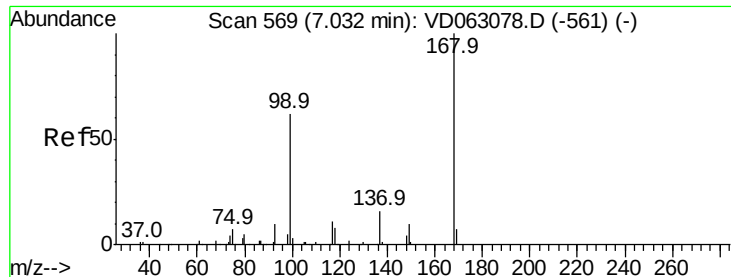
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063187.D

Acq: 22 Jul 2019 19:56

Instrument :

MSVOA_D

ClientSampleId :

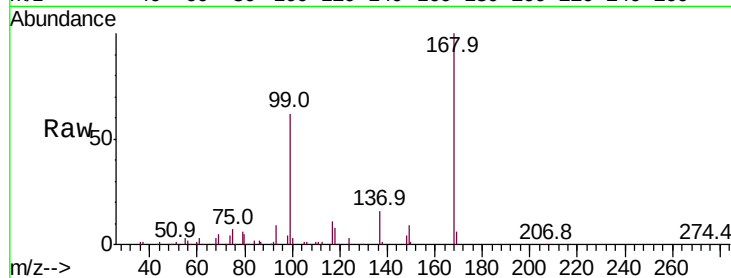
OR-02-071919-B

Tot Ion:168 Resp: 922651

Ion Ratio Lower Upper

168 100

99 61.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

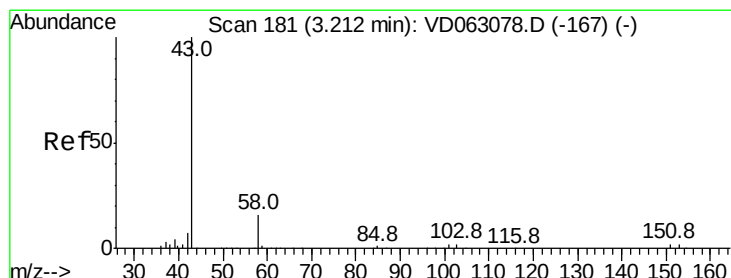
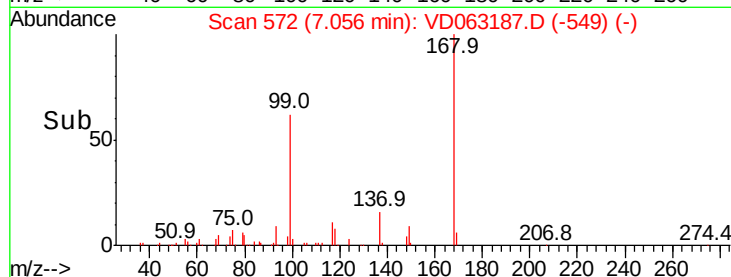
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 27.716 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063187.D

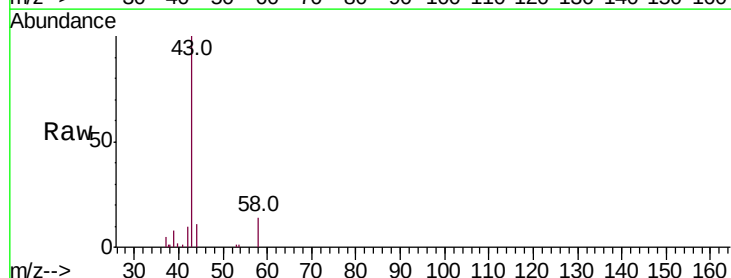
Acq: 22 Jul 2019 19:56

Tgt Ion: 43 Resp: 76939

Ion Ratio Lower Upper

43 100

58 13.9 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

30000

25000

20000

15000

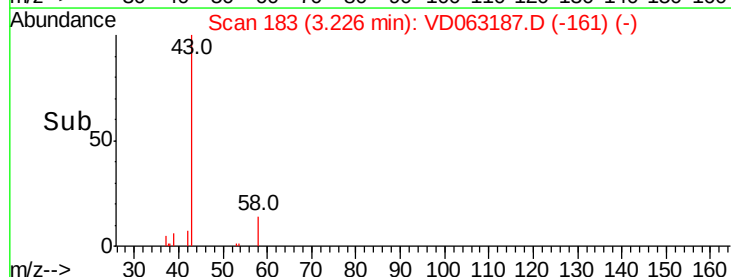
10000

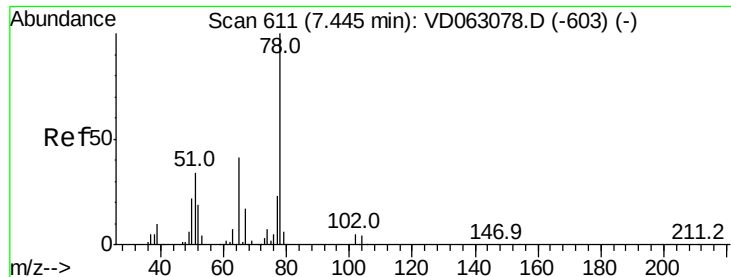
5000

0

Time-->

3.10 3.20 3.30 3.40

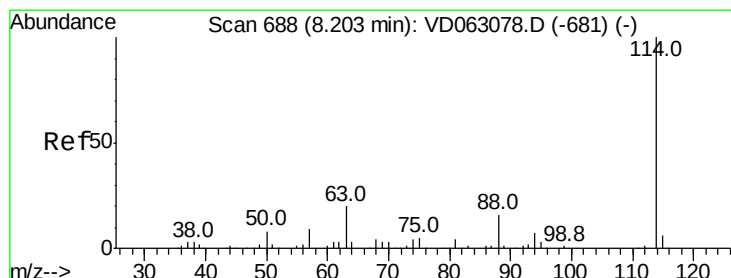
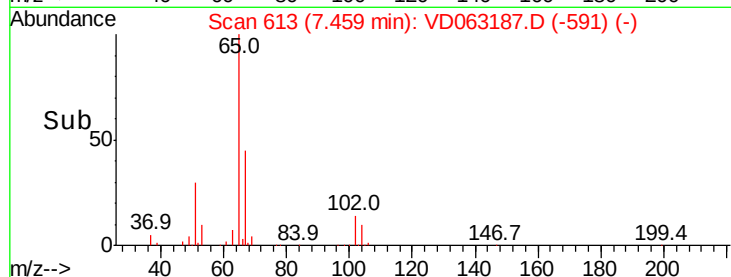
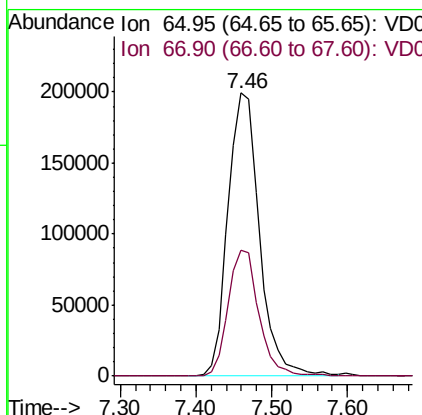
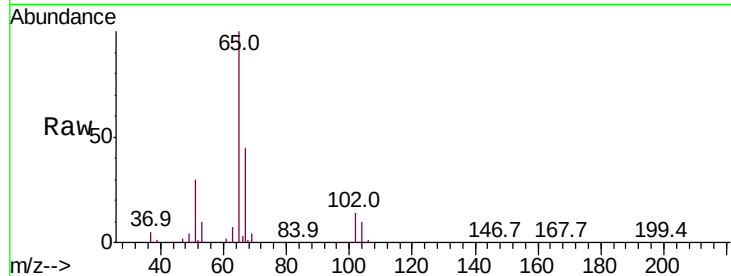




#33
 1,2-Dichloroethane-d4
 Concen: 49.910 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD063187.D
 Acq: 22 Jul 2019 19:56

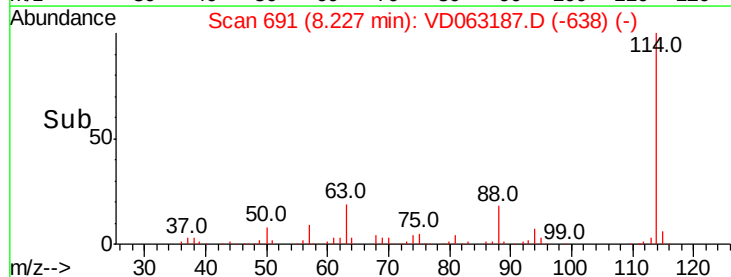
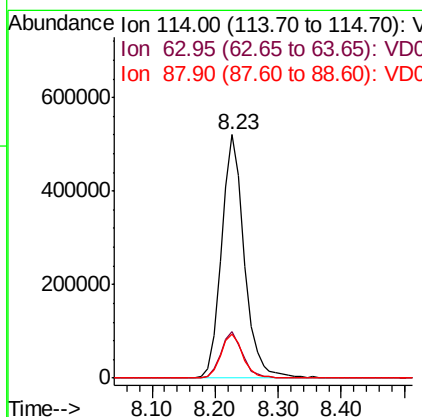
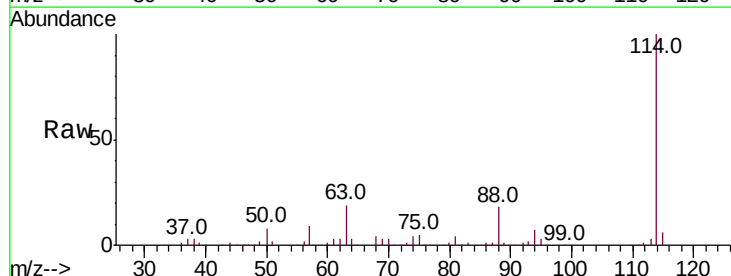
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-071919-B

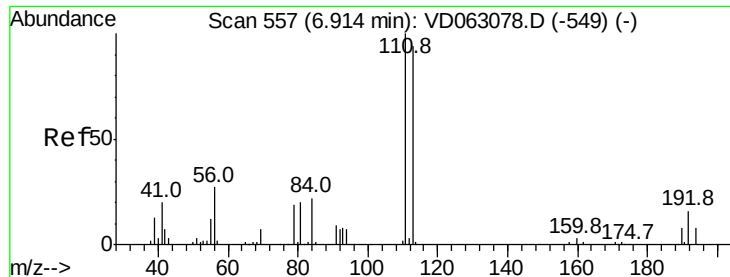
Tot Ion: 65 Resp: 573635
 Ion Ratio Lower Upper
 65 100
 67 44.6 0.0 86.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063187.D
 Acq: 22 Jul 2019 19:56

Tgt Ion: 114 Resp: 1307027
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.6
 88 18.2 0.0 32.6

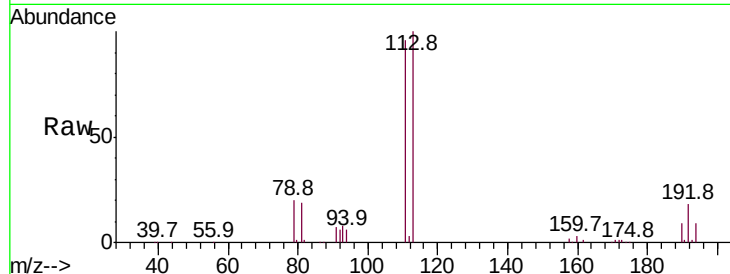




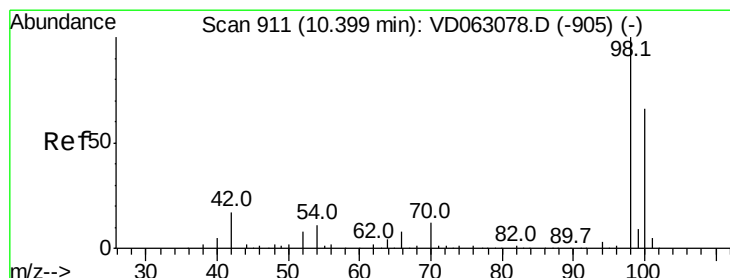
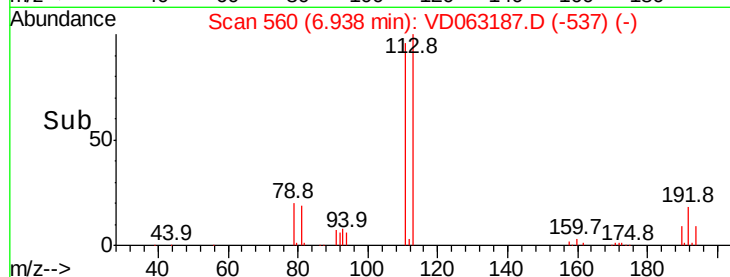
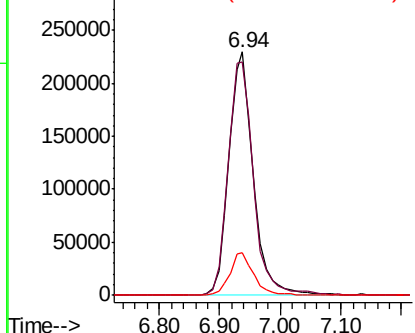
#35
 Dibromofluoromethane
 Concen: 49.349 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD063187.D
 Acq: 22 Jul 2019 19:56

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-071919-B

Tot Ion:113 Resp: 642439
 Ion Ratio Lower Upper
 113 100
 111 95.8 84.8 127.2
 192 17.6 13.4 20.0

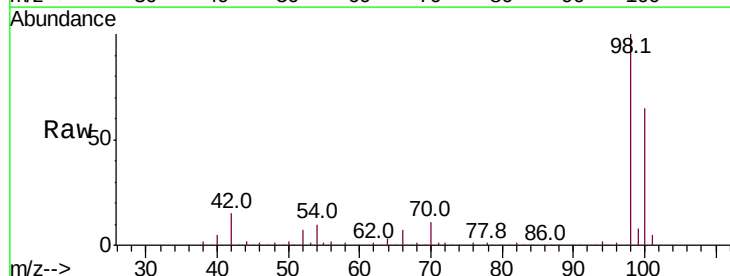


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

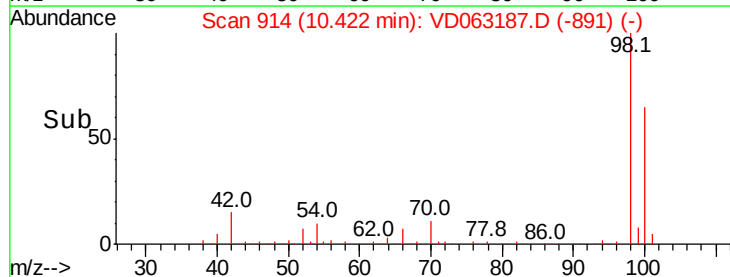
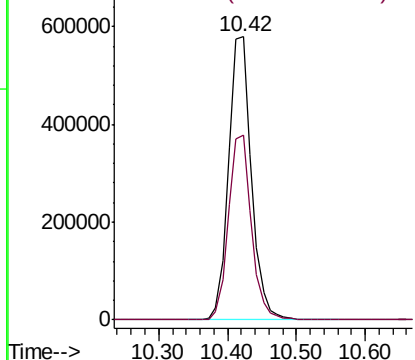


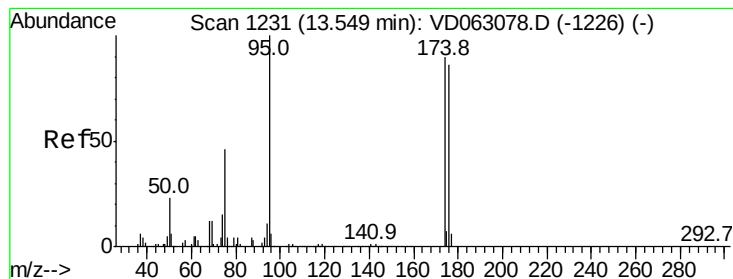
#50
 Toluene-d8
 Concen: 47.567 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD063187.D
 Acq: 22 Jul 2019 19:56

Tgt Ion: 98 Resp: 1330134
 Ion Ratio Lower Upper
 98 100
 100 65.1 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: 39.664 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063187.D

Acq: 22 Jul 2019 19:56

Instrument :

MSVOA_D

ClientSampleId :

OR-02-071919-B

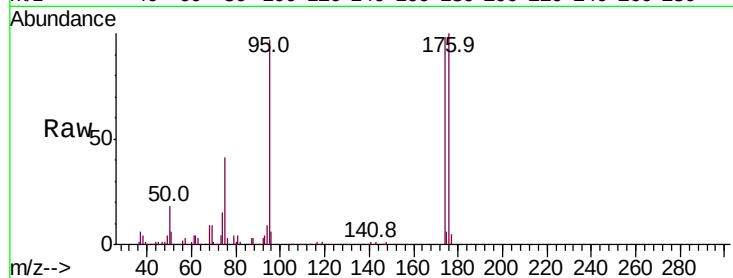
Tot Ion: 95 Resp: 513125

Ion Ratio Lower Upper

95 100

174 100.5 0.0 180.6

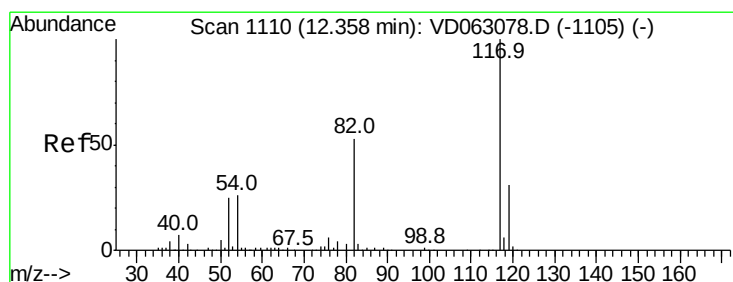
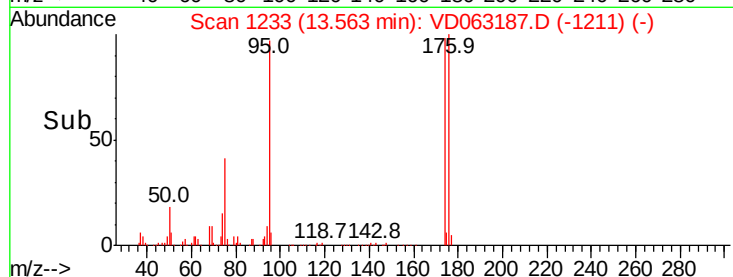
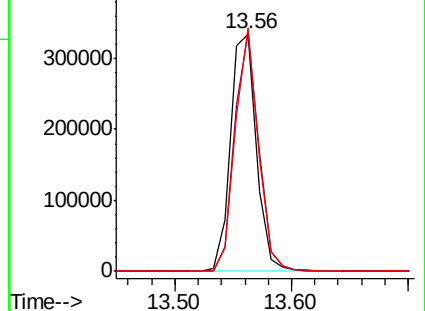
176 102.6 0.0 172.2



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# 1112

Delta R.T. 0.01 min

Lab File: VD063187.D

Acq: 22 Jul 2019 19:56

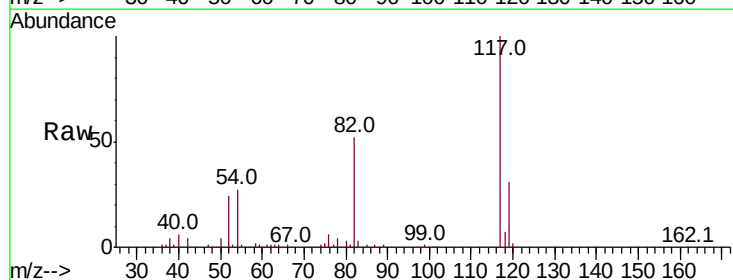
Tgt Ion: 117 Resp: 1082699

Ion Ratio Lower Upper

117 100

82 52.0 42.3 63.5

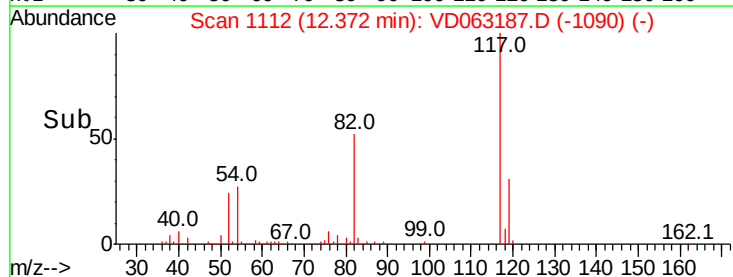
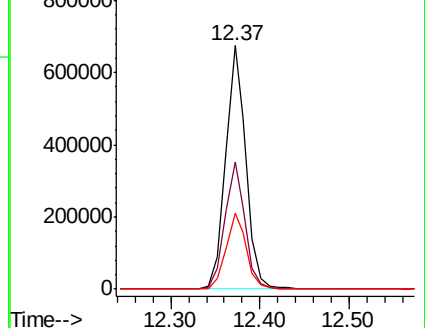
119 31.4 25.2 37.8

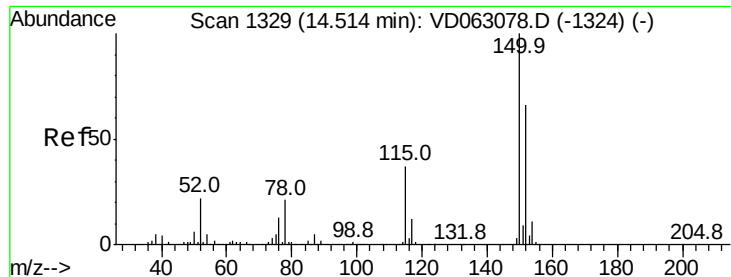


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

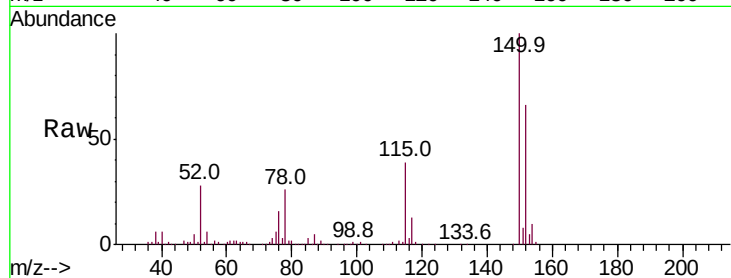




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD063187.D
 Acq: 22 Jul 2019 19:56

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-071919-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.9	86.8
150	151.8	0.0	313.8



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

