

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063467.D
 Acq On : 9 Aug 2019 6:09
 Operator : JC/SY
 Sample : K4237-07
 Misc : 5.49g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07(13-14)

Quant Time: Aug 09 08:27:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1269695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1797030	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1487993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	750307	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	492130	34.93	ug/l	0.02
Spiked Amount	50.000		Recovery	=	69.86%	
35) Dibromofluoromethane	6.93	113	580276	37.82	ug/l	0.02
Spiked Amount	50.000		Recovery	=	75.64%	
50) Toluene-d8	10.41	98	1265412	36.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.70%	
62) 4-Bromofluorobenzene	13.56	95	504163	32.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.44%	

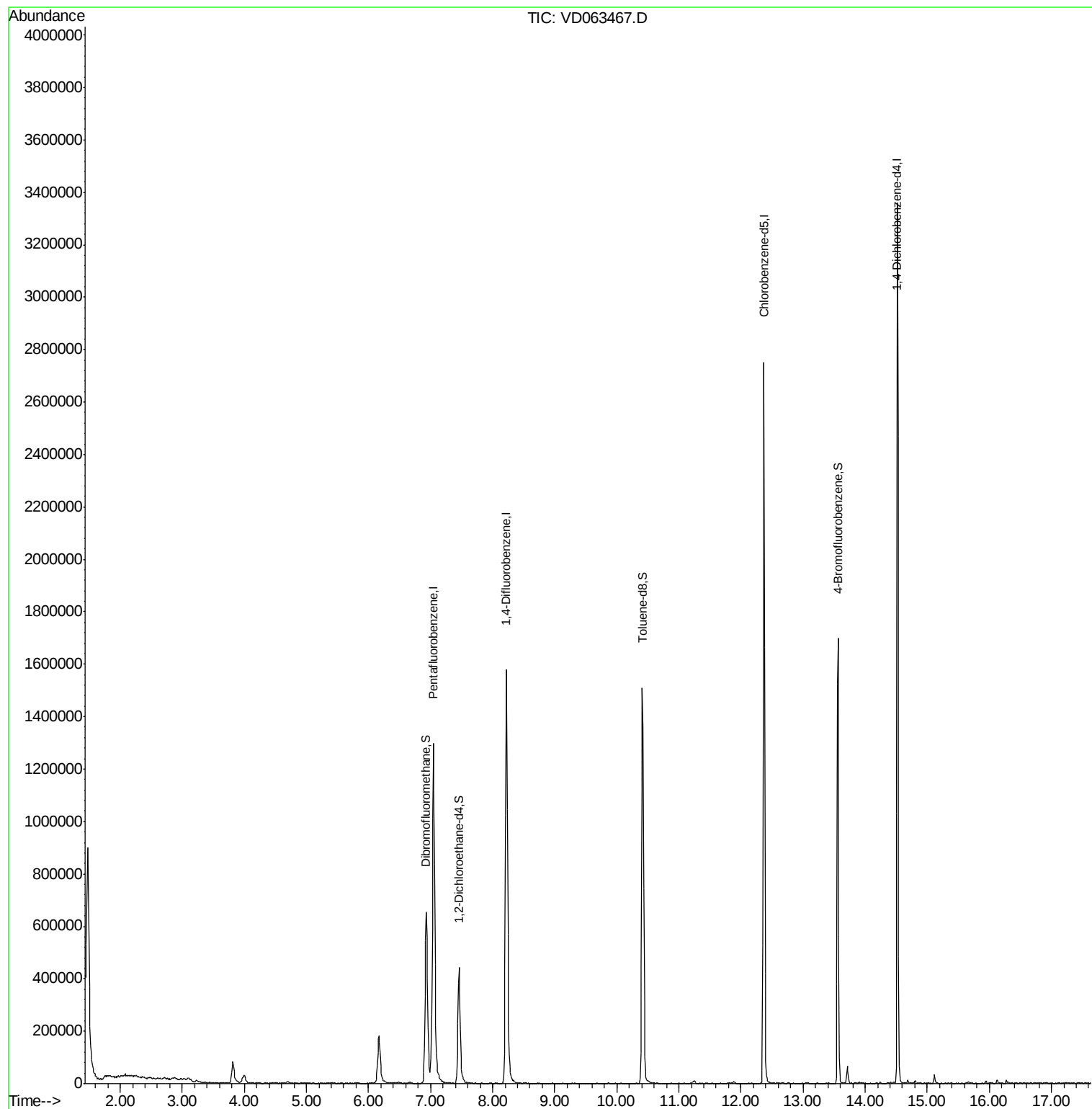
Target Compounds	Qvalue
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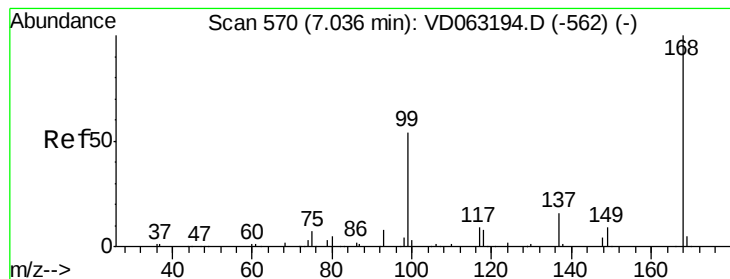
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063467.D

Acq: 9 Aug 2019 6:09

Instrument :

MSVOA_D

ClientSampleId :

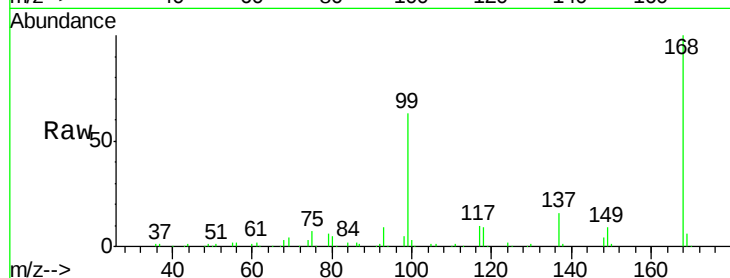
SB-07(13-14)

Tot Ion:168 Resp: 1269695

Ion Ratio Lower Upper

168 100

99 63.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

500000

400000

300000

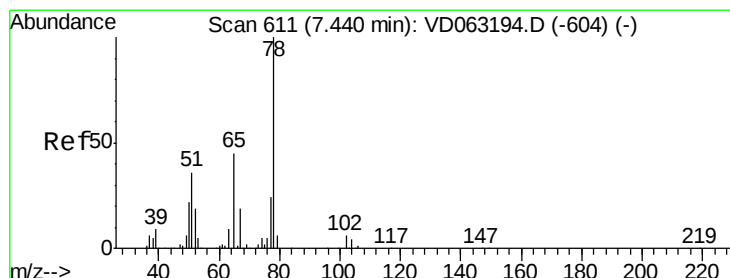
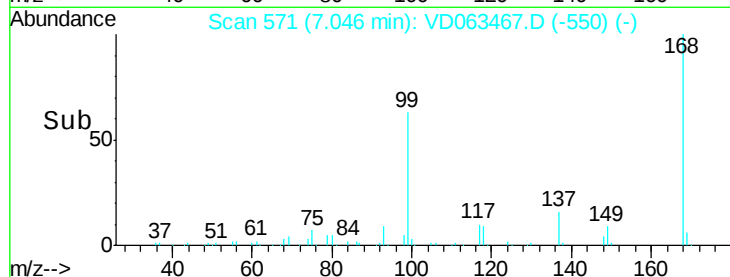
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 34.931 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063467.D

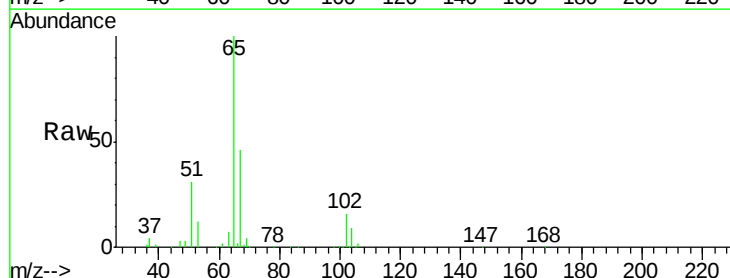
Acq: 9 Aug 2019 6:09

Tgt Ion: 65 Resp: 492130

Ion Ratio Lower Upper

65 100

67 45.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

150000

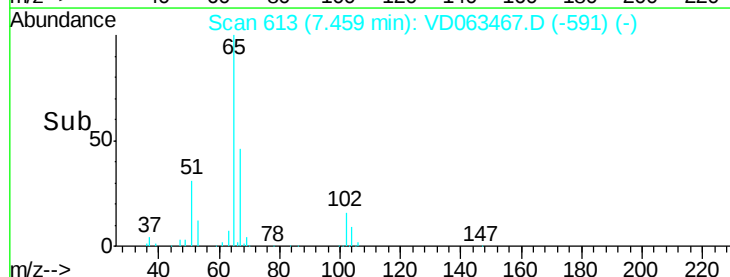
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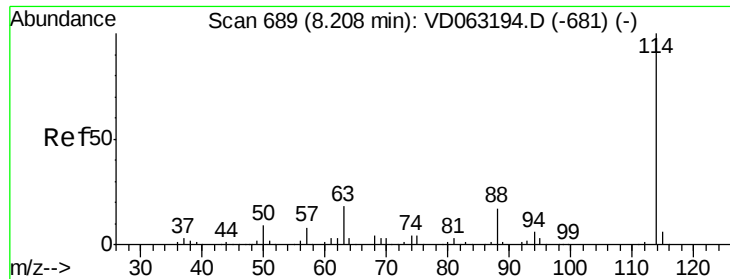
50000

0

Time-->

7.30 7.40 7.50 7.60

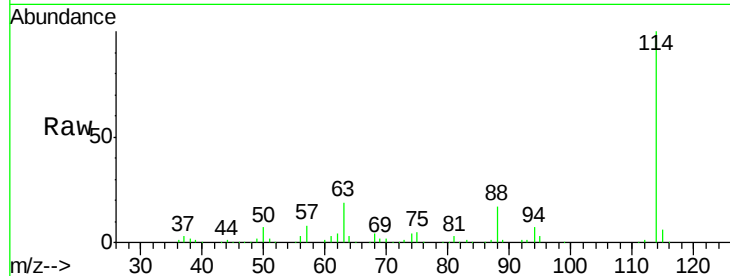




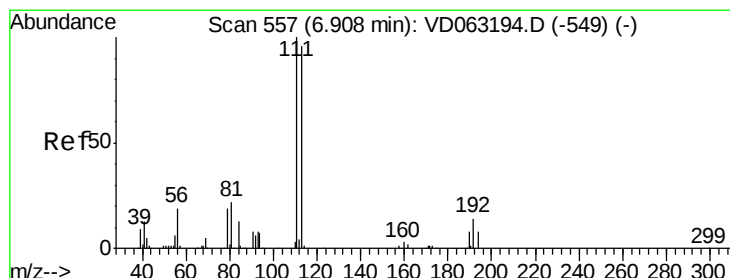
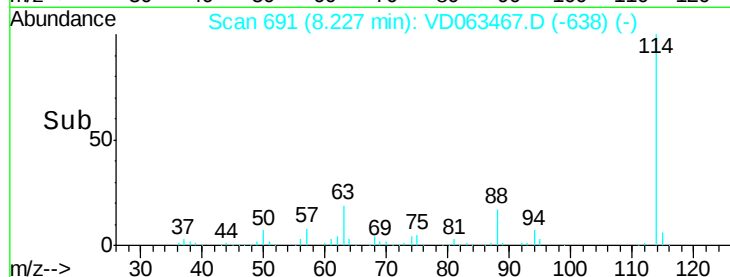
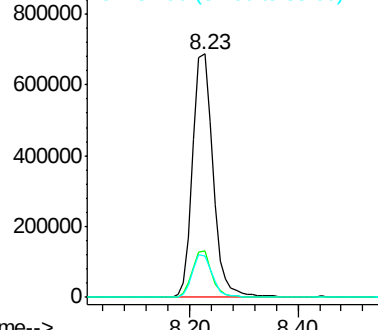
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063467.D
 Acq: 9 Aug 2019 6:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07(13-14)

Tot Ion:114 Resp: 1797030
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.2
 88 17.2 0.0 34.6

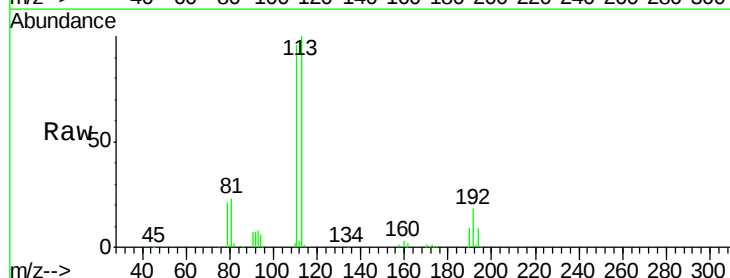


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

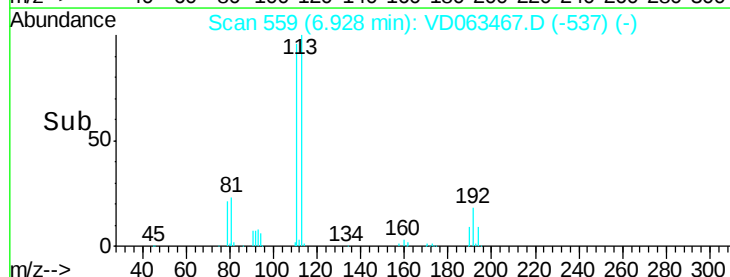
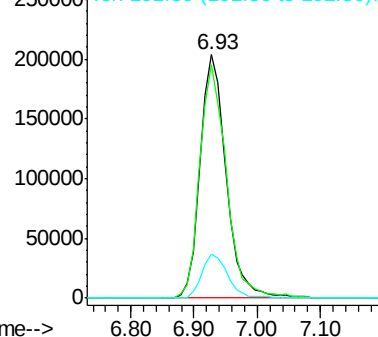


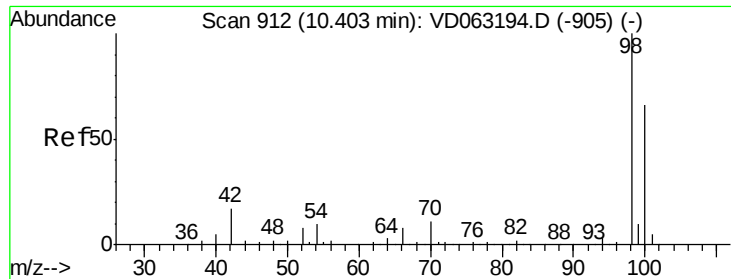
#35
 Dibromofluoromethane
 Concen: 37.821 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063467.D
 Acq: 9 Aug 2019 6:09

Tgt Ion:113 Resp: 580276
 Ion Ratio Lower Upper
 113 100
 111 95.7 83.2 124.8
 192 18.0 11.8 17.8#



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

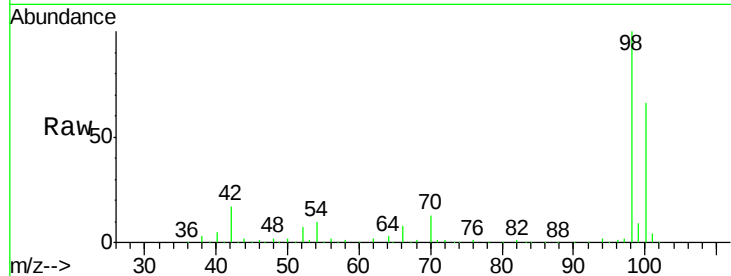




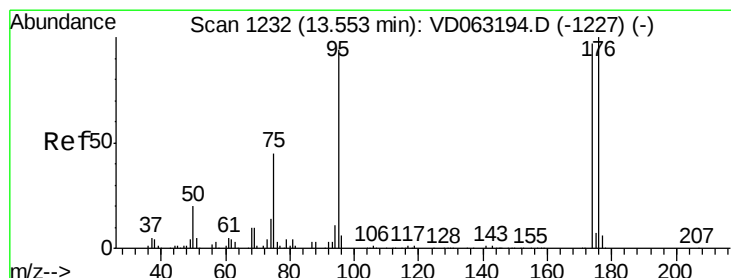
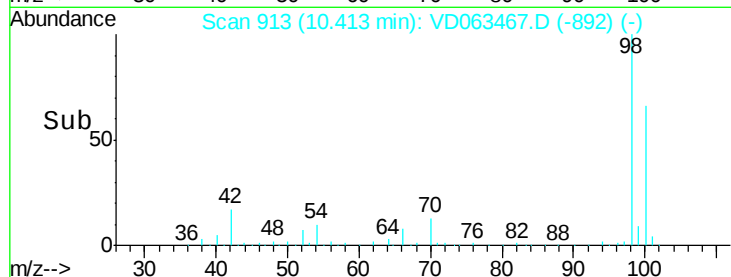
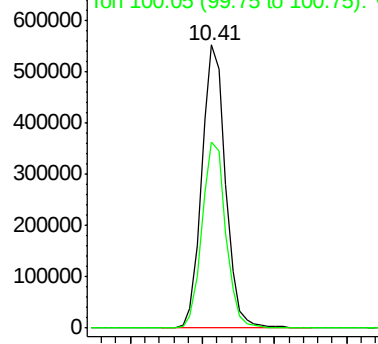
#50
Toluene-d8
Concen: 36.853 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063467.D
Acq: 9 Aug 2019 6:09

Instrument :
MSVOA_D
ClientSampleId :
SB-07(13-14)

Tot Ion: 98 Resp: 1265412
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8

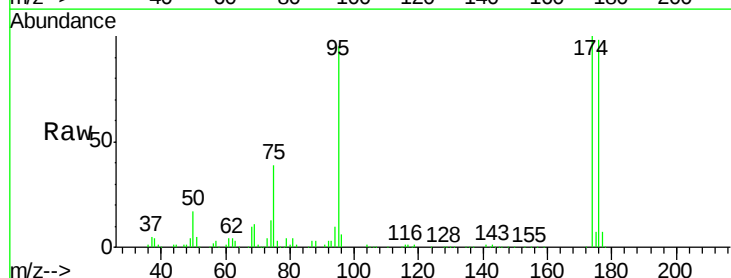


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

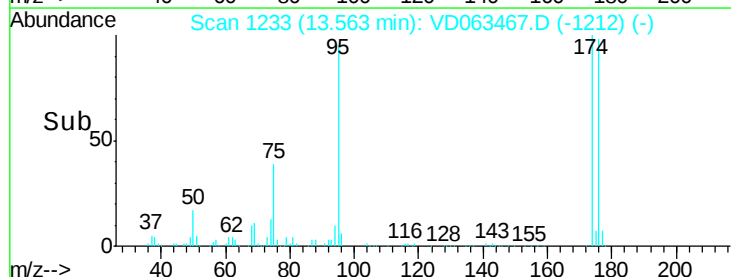
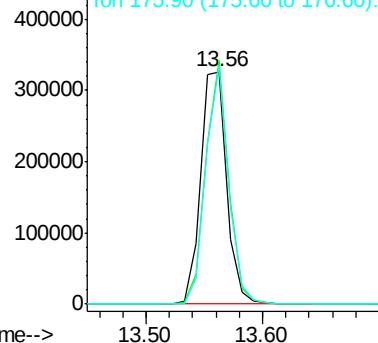


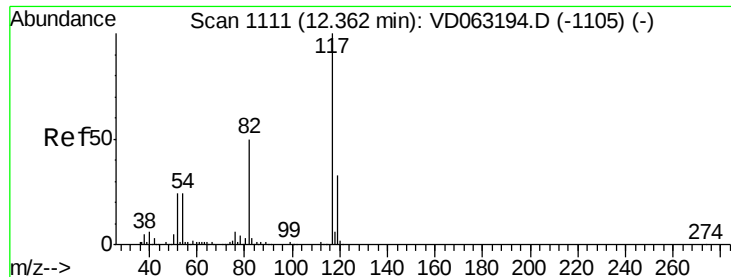
#62
4-Bromofluorobenzene
Concen: 32.220 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063467.D
Acq: 9 Aug 2019 6:09

Tgt Ion: 95 Resp: 504163
Ion Ratio Lower Upper
95 100
174 104.8 0.0 205.4
176 102.4 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

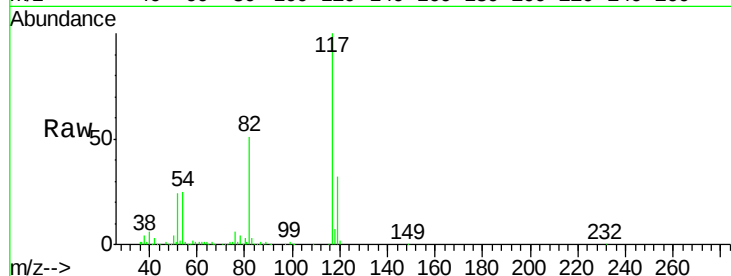




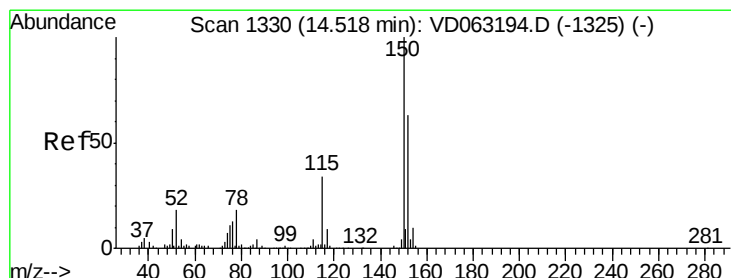
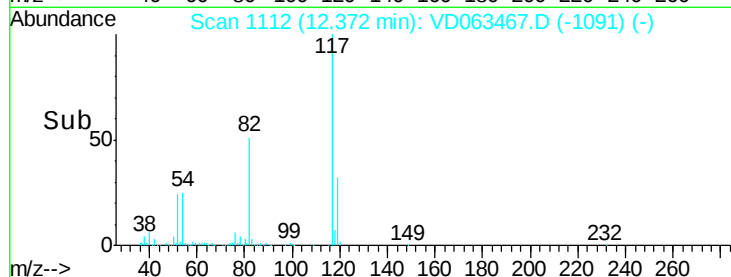
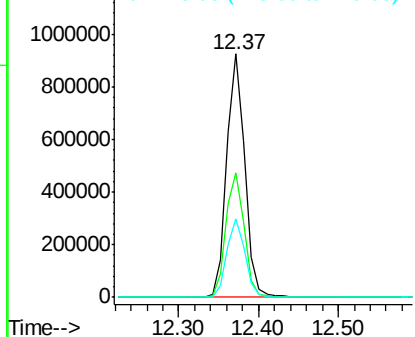
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063467.D
Acq: 9 Aug 2019 6:09

Instrument :
MSVOA_D
ClientSampleId :
SB-07(13-14)

Tot Ion:117 Resp: 1487993
Ion Ratio Lower Upper
117 100
82 51.1 40.1 60.1
119 32.2 26.5 39.7

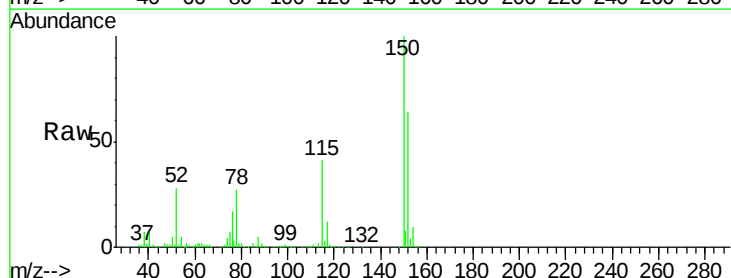


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063467.D
Acq: 9 Aug 2019 6:09

Tgt Ion:152 Resp: 750307
Ion Ratio Lower Upper
152 100
115 63.9 27.5 82.4
150 155.9 0.0 320.6



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

