

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061452.D
 Acq On : 31 Mar 2019 17:42
 Operator : VA/AP
 Sample : K1685-09
 Misc : 6.77g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-032819-A

Quant Time: Apr 01 04:36:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

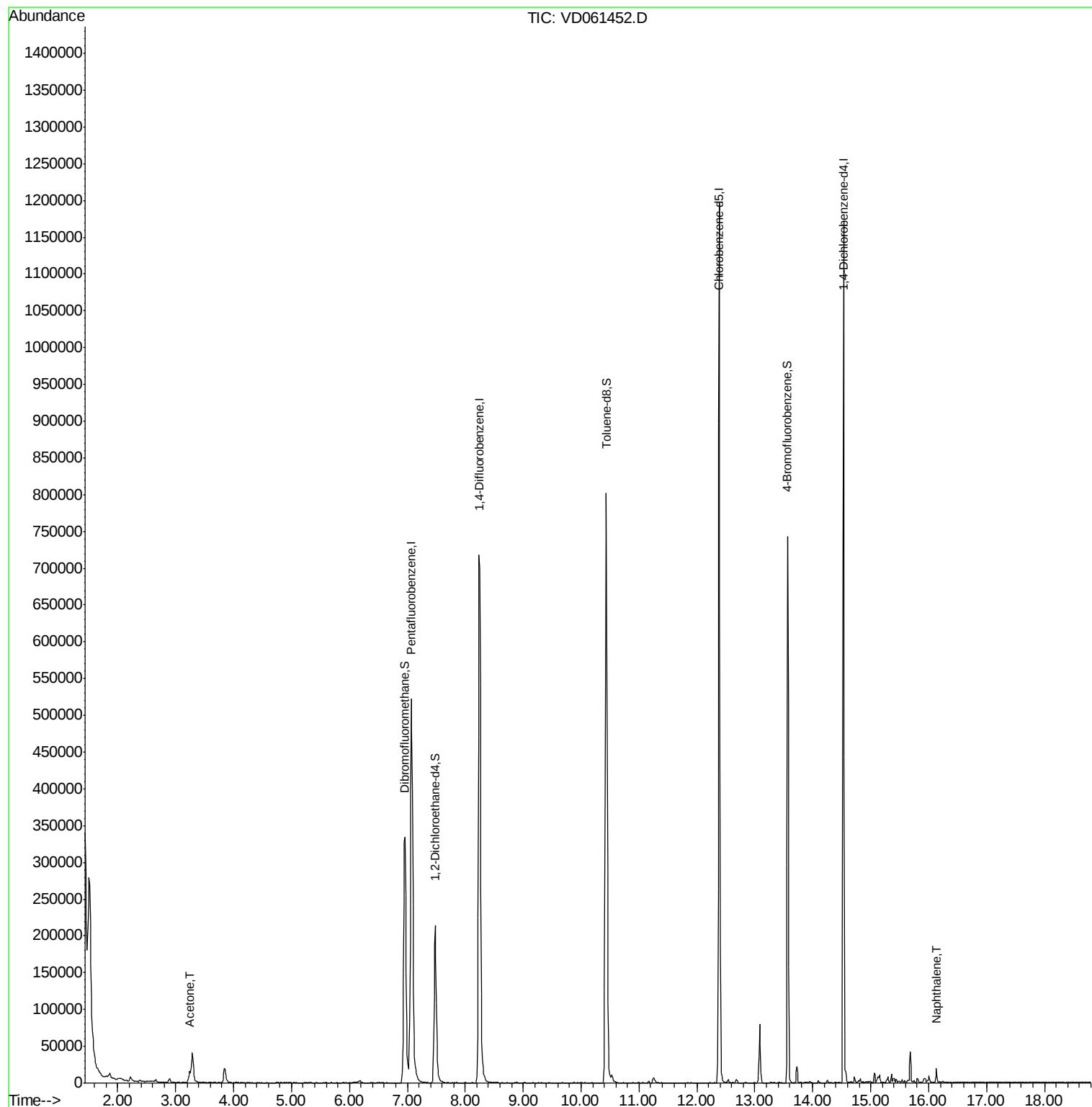
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	561758	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	952682	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	736027	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	267641	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	206970	43.13	ug/l	0.05
Spiked Amount 50.000			Recovery	=	86.26%	
35) Dibromofluoromethane	6.96	113	337412	46.35	ug/l	0.06
Spiked Amount 50.000			Recovery	=	92.70%	
50) Toluene-d8	10.43	98	718791	41.16	ug/l	0.05
Spiked Amount 50.000			Recovery	=	82.32%	
62) 4-Bromofluorobenzene	13.57	95	234345	35.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.00%	
Target Compounds						
16) Acetone	3.24	43	31022	25.148	ug/l	93
95) Naphthalene	16.13	128	13587	2.551	ug/l #	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

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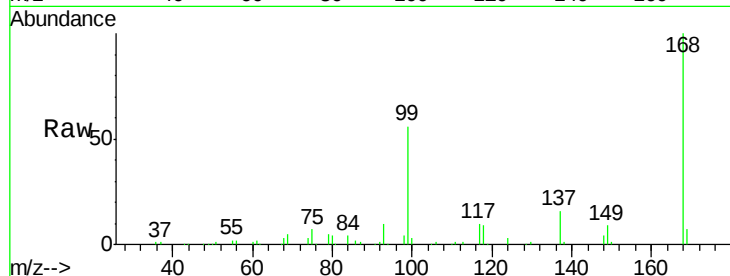
AU-06-032819-A

Tgt Ion:168 Resp: 561758

Ion Ratio Lower Upper

168 100

99 55.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

200000

150000

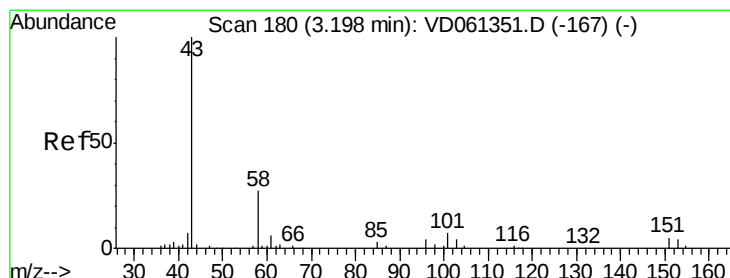
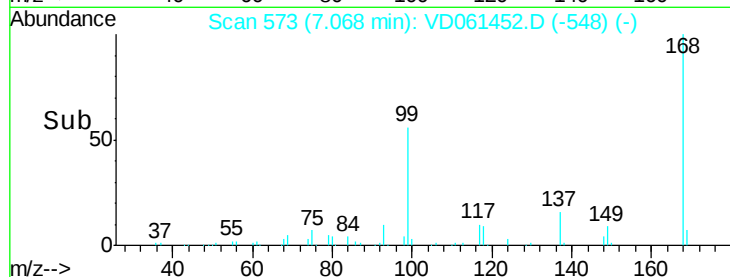
100000

50000

0

Time-->

7.00 7.10 7.20



#16

Acetone

Concen: 25.148 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061452.D

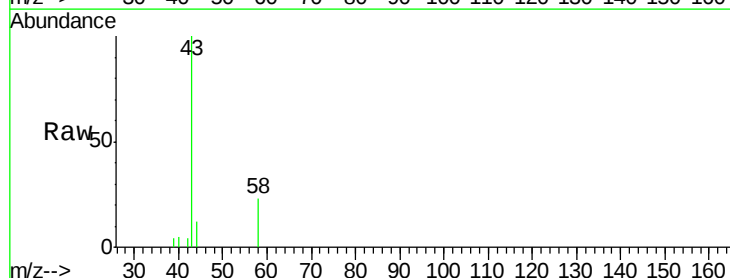
Acq: 31 Mar 2019 17:42

Tgt Ion: 43 Resp: 31022

Ion Ratio Lower Upper

43 100

58 23.1 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

12000

10000

8000

6000

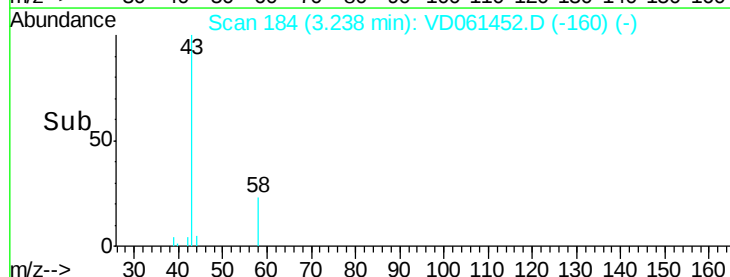
4000

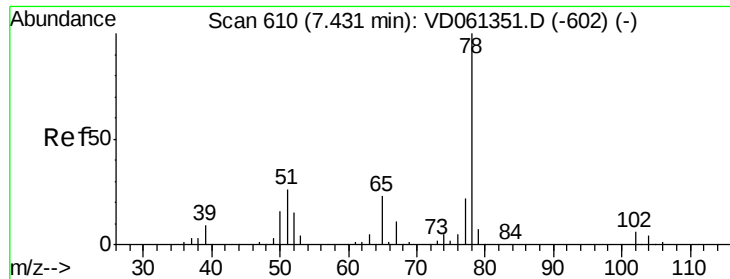
2000

0

Time-->

3.10 3.20 3.30 3.40

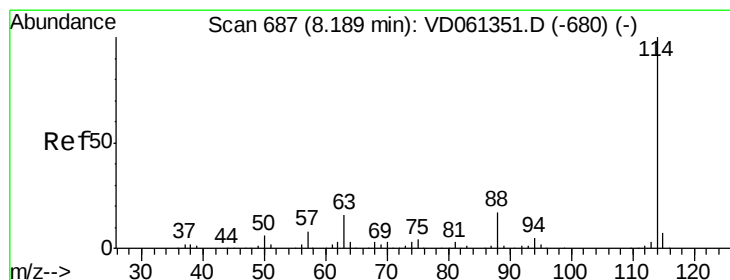
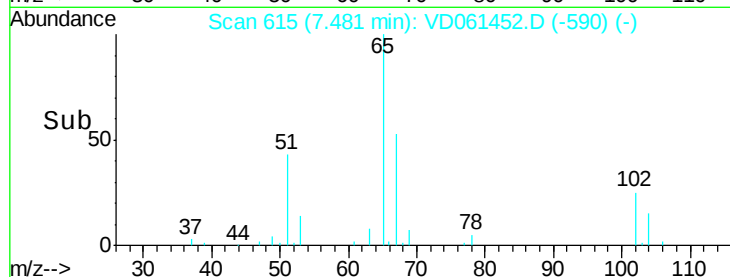
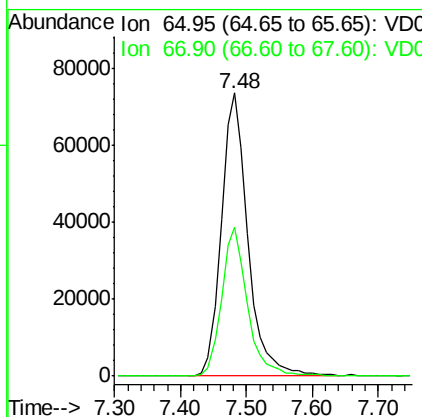
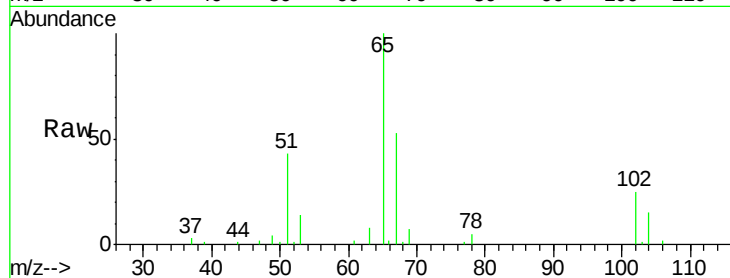




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD061452.D
 Acq: 31 Mar 2019 17:42

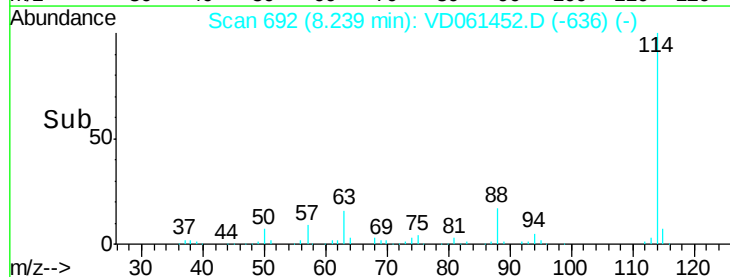
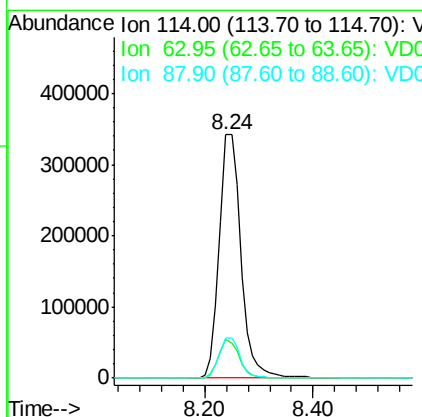
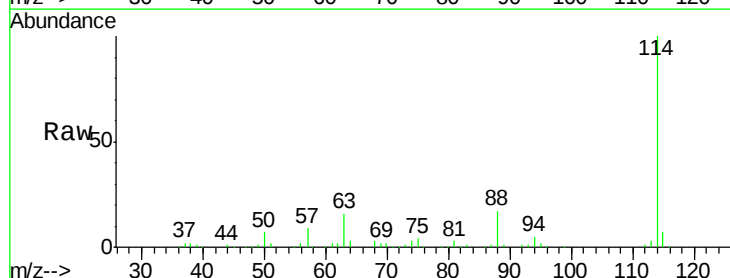
Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-032819-A

Tgt Ion: 65 Resp: 206970
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD061452.D
 Acq: 31 Mar 2019 17:42

Tgt Ion: 114 Resp: 952682
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.6
 88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.06 min

Lab File: VD061452.D

Acq: 31 Mar 2019 17:42

Instrument :

MSVOA_D

ClientSampleId :

AU-06-032819-A

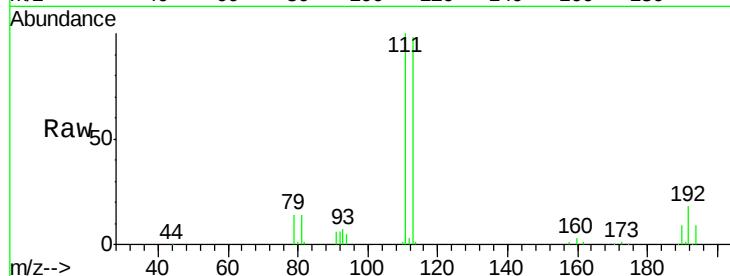
Tgt Ion:113 Resp: 337412

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.6

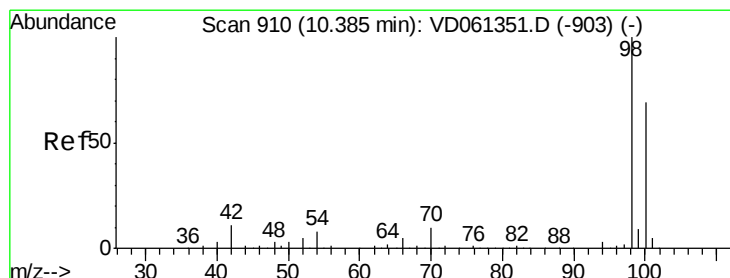
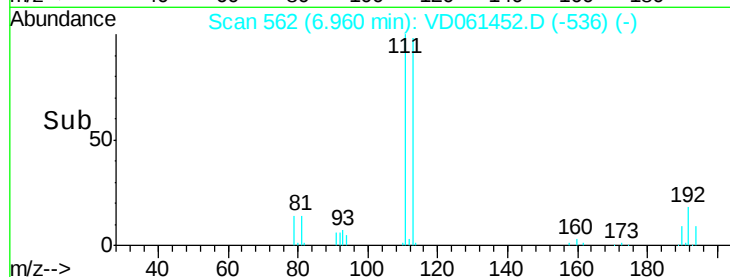
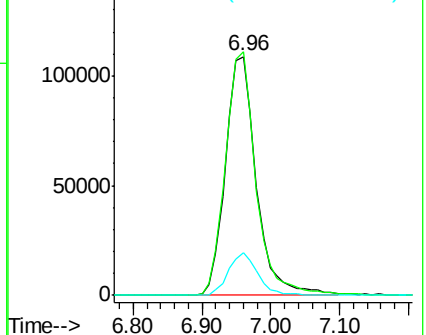
192 17.9 14.4 21.6



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. 0.05 min

Lab File: VD061452.D

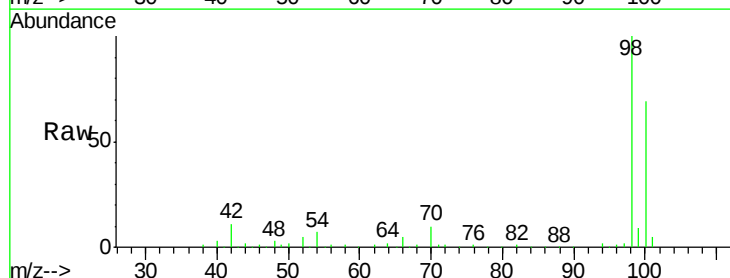
Acq: 31 Mar 2019 17:42

Tgt Ion: 98 Resp: 718791

Ion Ratio Lower Upper

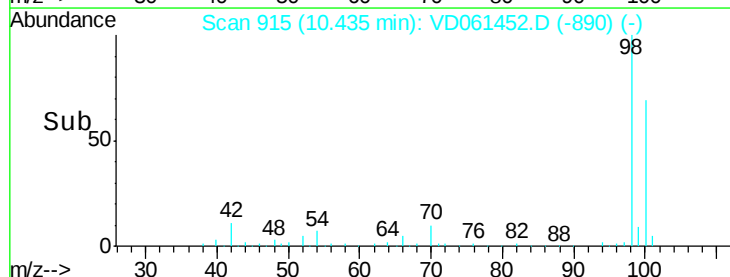
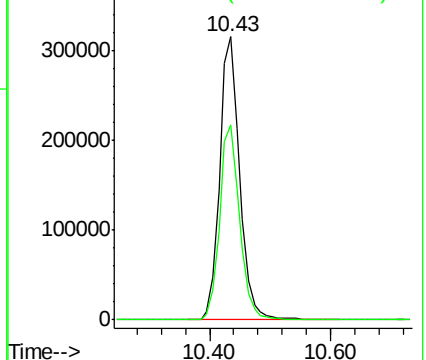
98 100

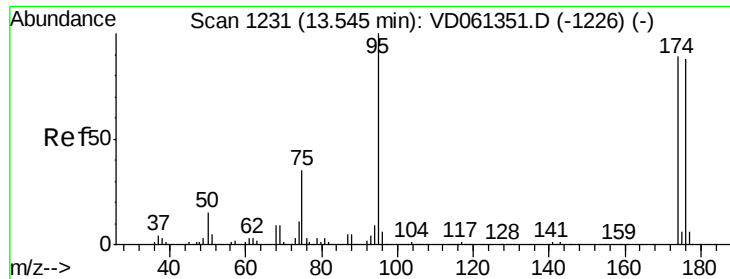
100 69.1 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

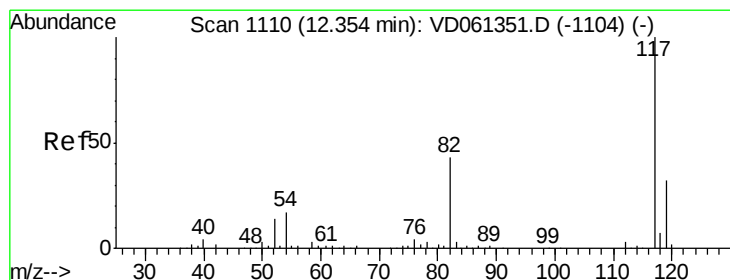
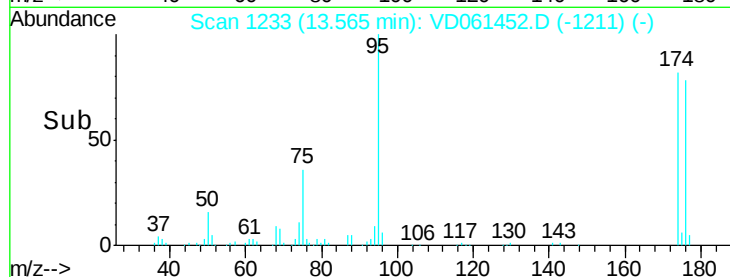
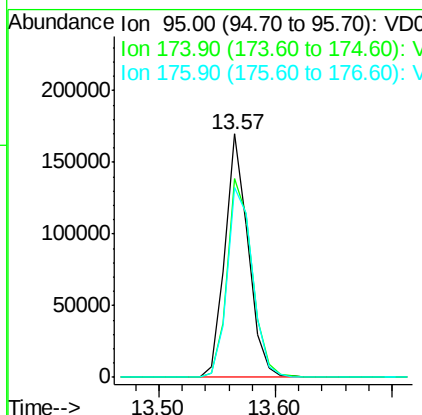
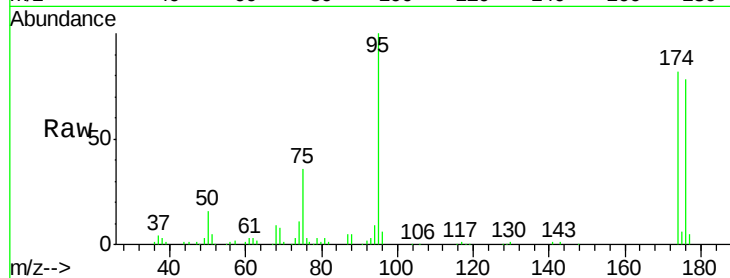




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061452.D
Acq: 31 Mar 2019 17:42

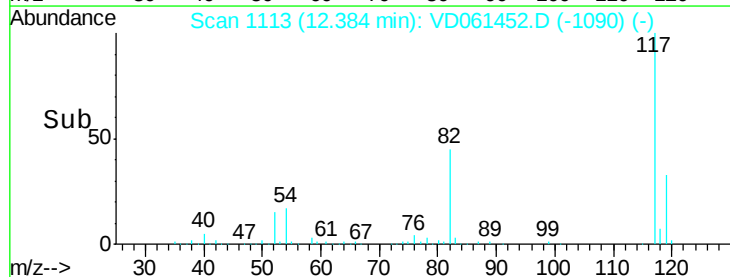
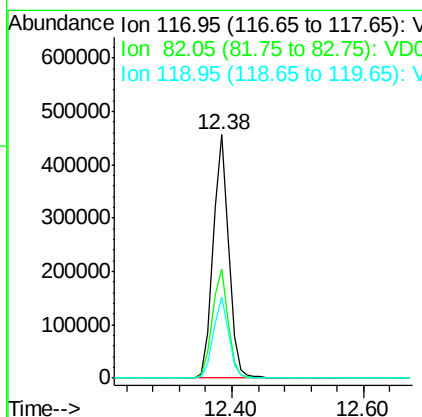
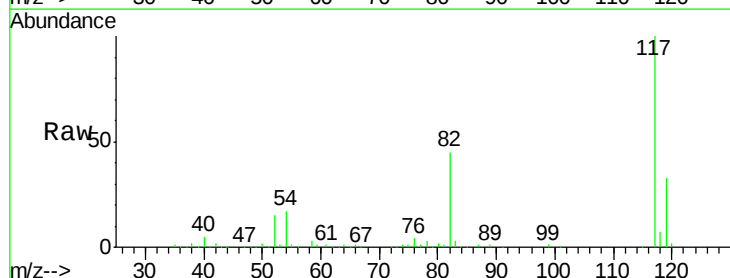
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MSVOA_D
ClientSampleId :
AU-06-032819-A

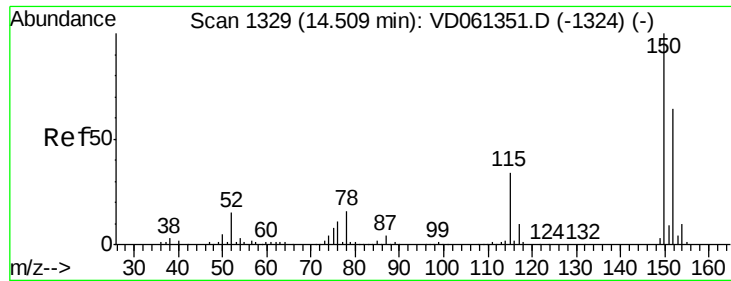
Tgt Ion: 95 Resp: 234345
Ion Ratio Lower Upper
95 100
174 81.8 0.0 178.0
176 78.2 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061452.D
Acq: 31 Mar 2019 17:42

Tgt Ion: 117 Resp: 736027
Ion Ratio Lower Upper
117 100
82 44.8 34.4 51.6
119 33.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD061452.D

Acq: 31 Mar 2019 17:42

Instrument :

MSVOA_D

ClientSampleId :

AU-06-032819-A

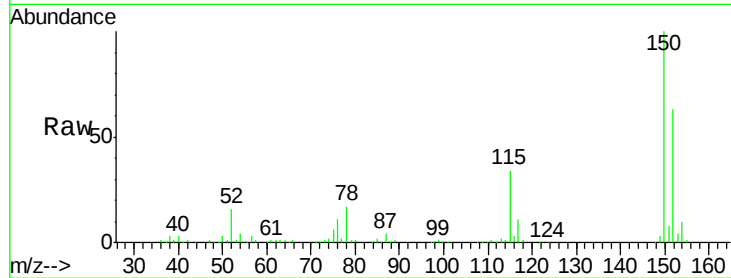
Tgt Ion:152 Resp: 267641

Ion Ratio Lower Upper

152 100

115 53.6 26.9 80.6

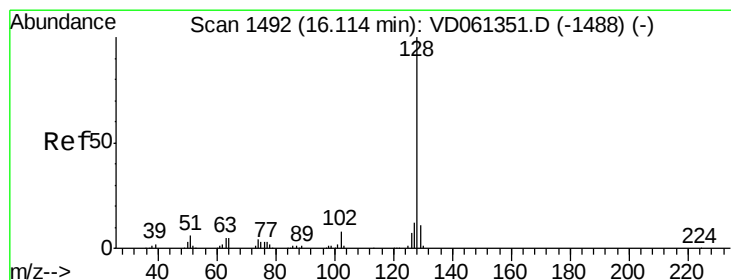
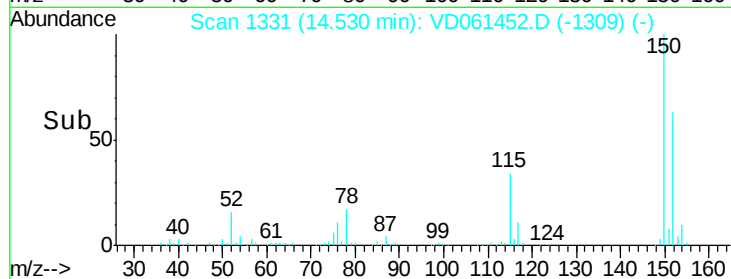
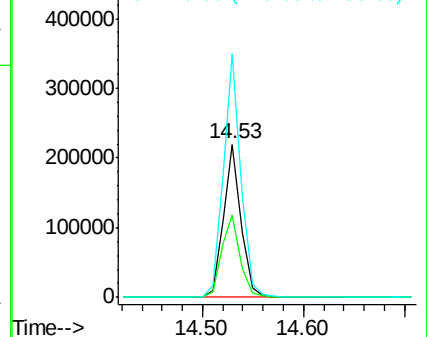
150 158.8 0.0 318.0



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



#95

Naphthalene

Concen: 2.551 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.02 min

Lab File: VD061452.D

Acq: 31 Mar 2019 17:42

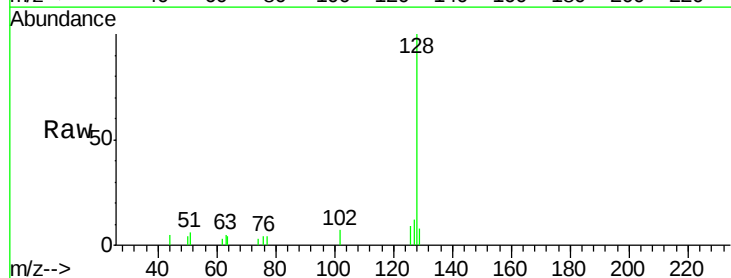
Tgt Ion:128 Resp: 13587

Ion Ratio Lower Upper

128 100

127 12.0 9.9 14.9

129 8.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

