

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061142.D
 Acq On : 18 Mar 2019 13:47
 Operator : VA/AP
 Sample : K1685-01
 Misc : 6.86g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-031419-A

Quant Time: Mar 19 04:00:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

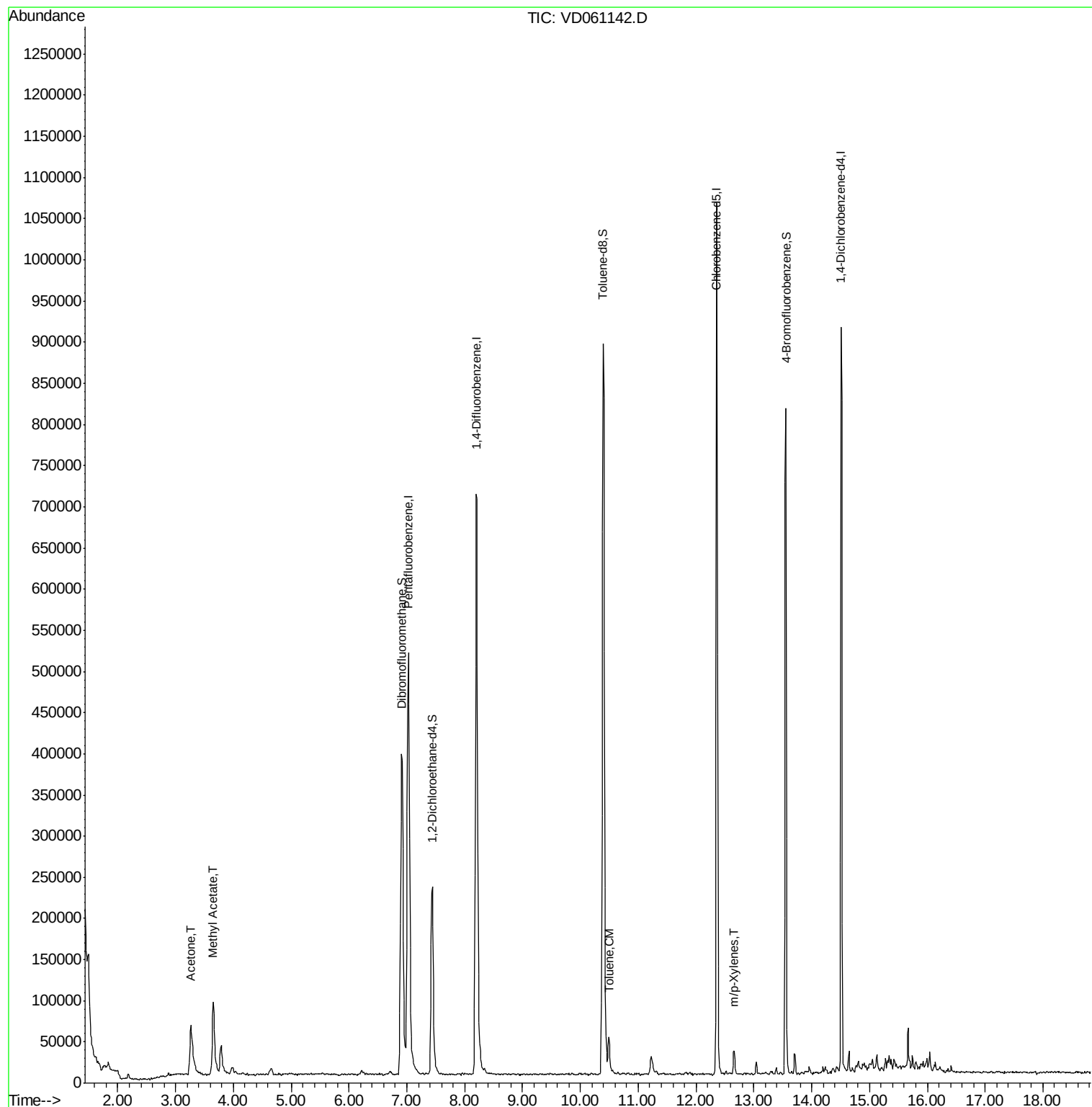
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	557070	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	973720	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	750904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	231554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	243152	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	6.91	113	401196	55.52	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.04%	
50) Toluene-d8	10.39	98	863674	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	13.55	95	275707	39.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.32%	
Target Compounds						
16) Acetone	3.27	43	148733	112.168	ug/l	99
18) Methyl Acetate	3.65	43	181226	69.448	ug/l #	92
52) Toluene	10.49	92	22246	1.706	ug/l	98
68) m/p-Xylenes	12.66	106	10607	1.233	ug/l	88

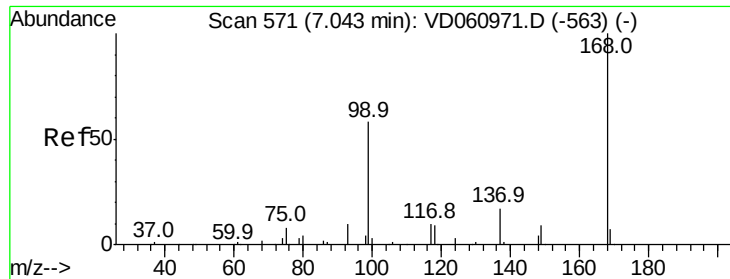
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD061142.D

Acq: 18 Mar 2019 13:47

Instrument :

MSVOA_D

ClientSampleId :

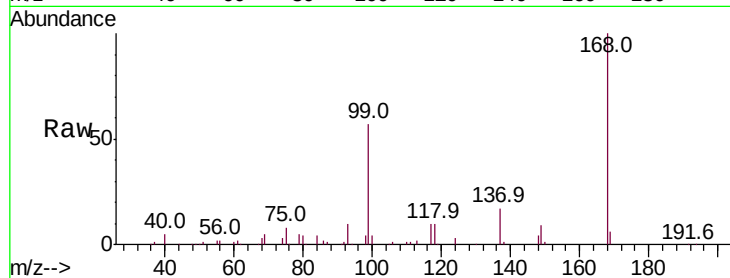
AU-05-031419-A

Tot Ion:168 Resp: 557070

Ion Ratio Lower Upper

168 100

99 57.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

200000

150000

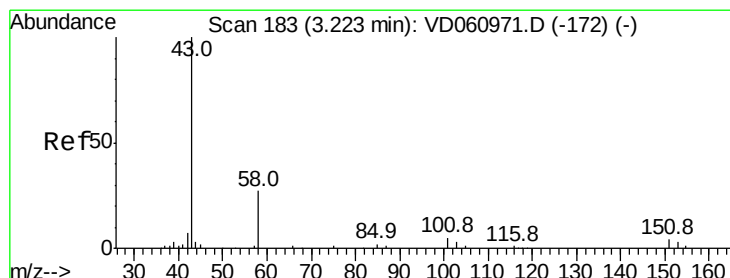
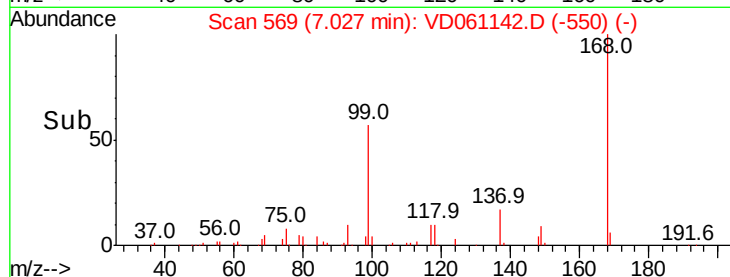
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 112.168 ug/l

RT: 3.27 min Scan# 187

Delta R.T. 0.04 min

Lab File: VD061142.D

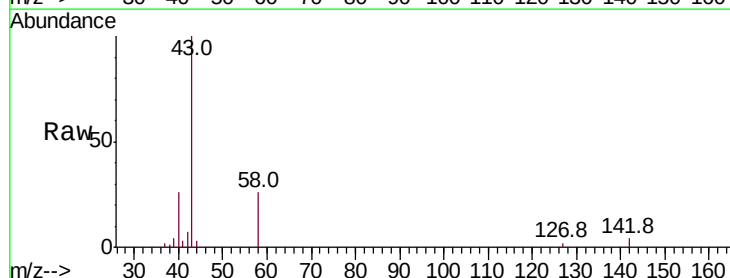
Acq: 18 Mar 2019 13:47

Tgt Ion: 43 Resp: 148733

Ion Ratio Lower Upper

43 100

58 26.3 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.27

40000

30000

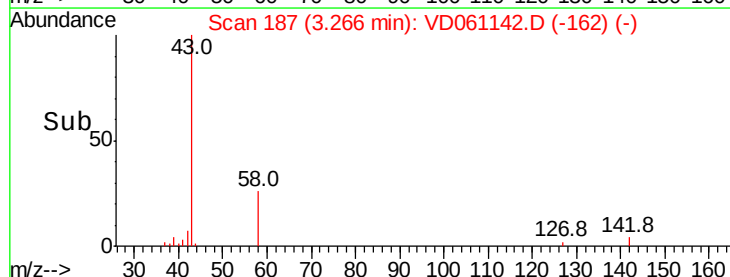
20000

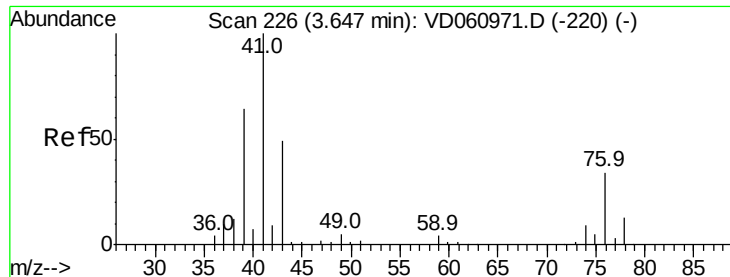
10000

0

3.20 3.30 3.40

Time-->

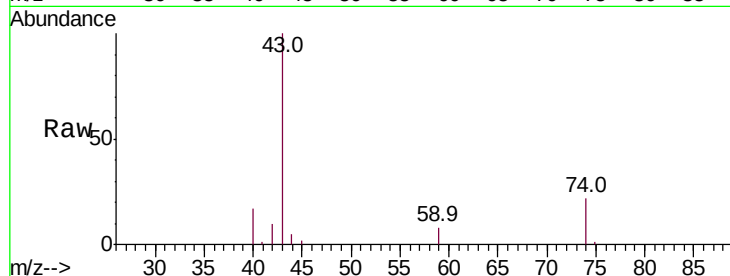




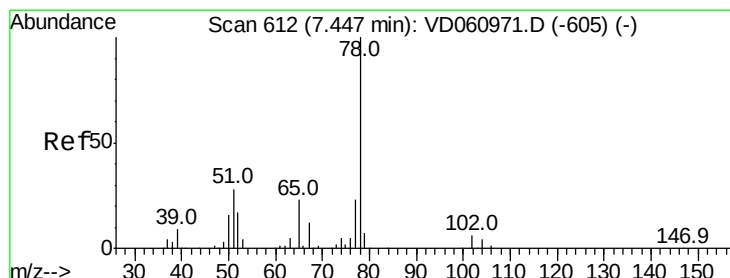
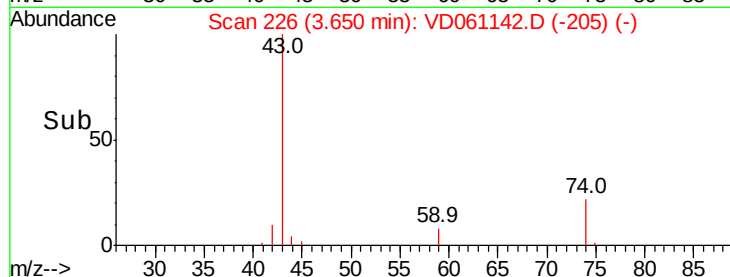
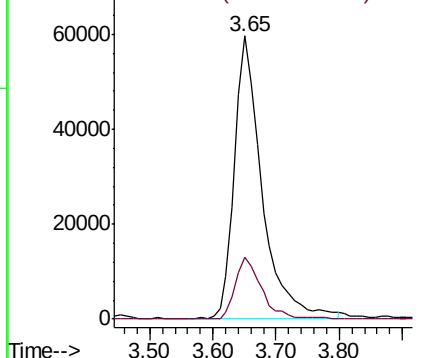
#18
Methvl Acetate
Concen: 69.448 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD061142.D
Acq: 18 Mar 2019 13:47

Instrument :
MSVOA_D
ClientSampleId :
AU-05-031419-A

Tot Ion: 43 Resp: 181226
Ion Ratio Lower Upper
43 100
74 21.8 14.6 21.8#

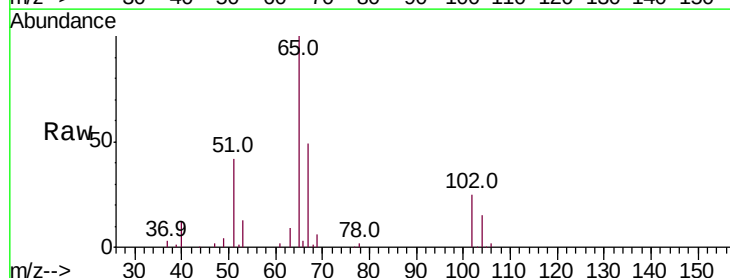


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

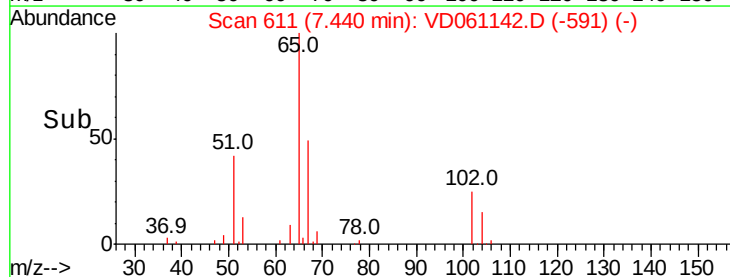
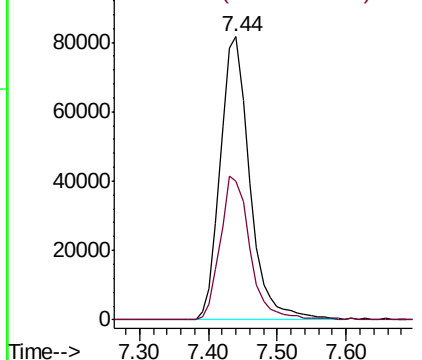


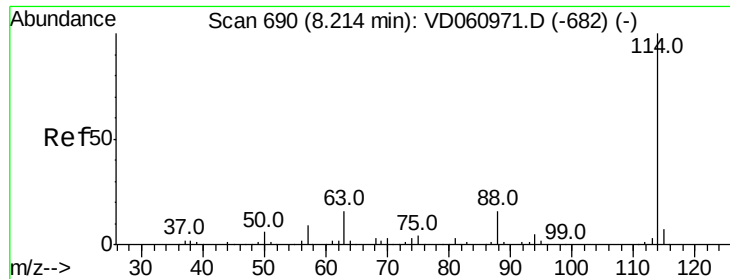
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061142.D
Acq: 18 Mar 2019 13:47

Tgt Ion: 65 Resp: 243152
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

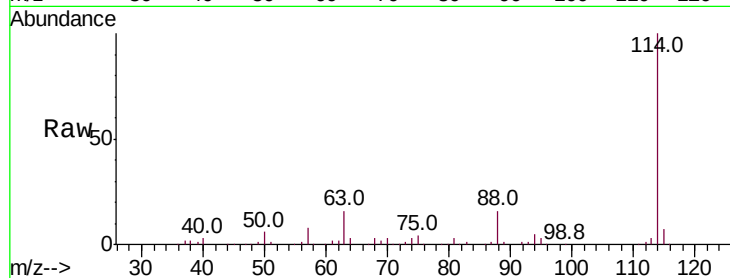




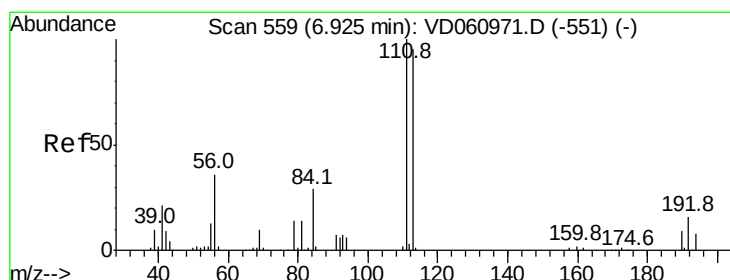
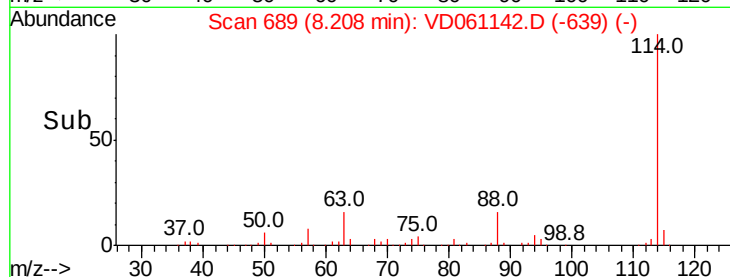
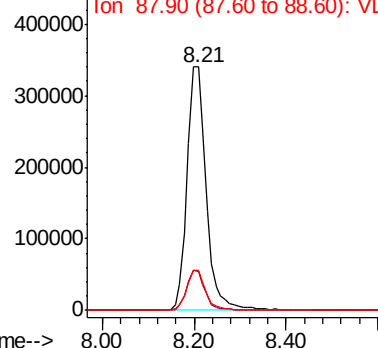
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.01 min
Lab File: VD061142.D
Acq: 18 Mar 2019 13:47

Instrument :
MSVOA_D
ClientSampleId :
AU-05-031419-A

Tot Ion:114 Resp: 973720
Ion Ratio Lower Upper
114 100
63 16.0 0.0 31.4
88 16.3 0.0 33.0

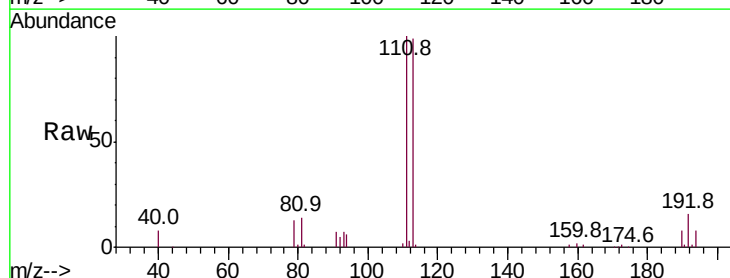


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

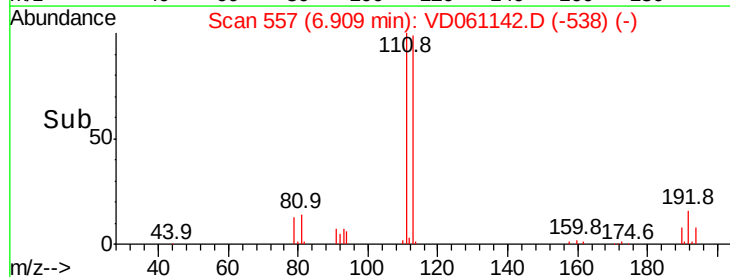
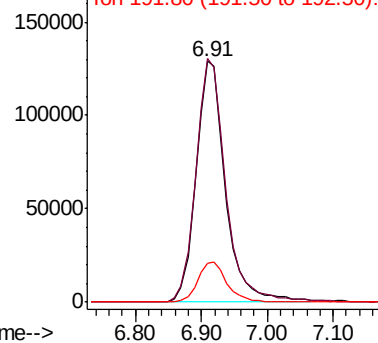


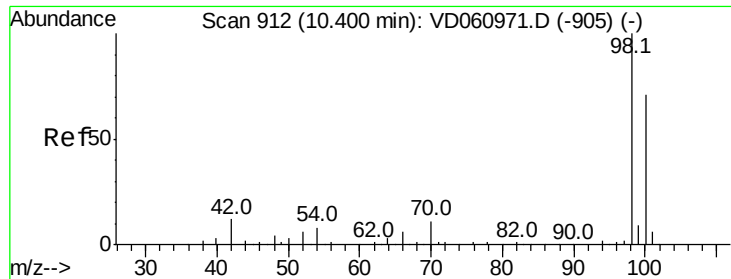
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD061142.D
Acq: 18 Mar 2019 13:47

Tgt Ion:113 Resp: 401196
Ion Ratio Lower Upper
113 100
111 101.2 84.2 126.4
192 16.1 13.1 19.7



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: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061142.D

Acq: 18 Mar 2019 13:47

Instrument :

MSVOA_D

ClientSampleId :

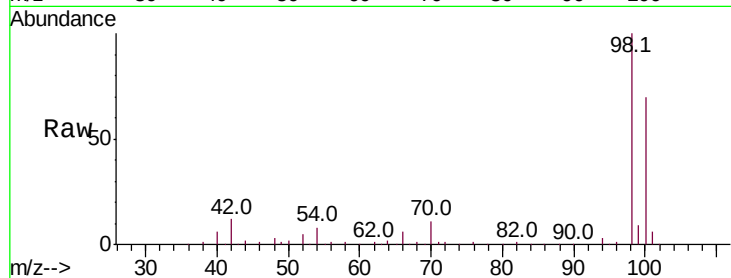
AU-05-031419-A

Tot Ion: 98 Resp: 863674

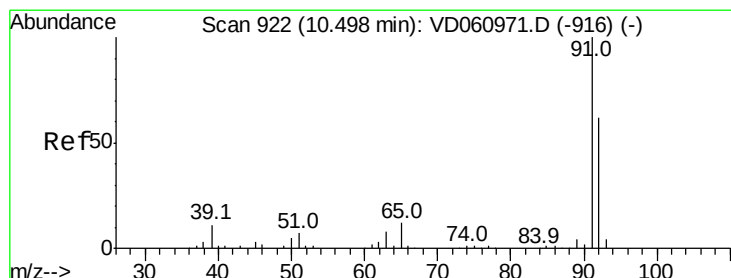
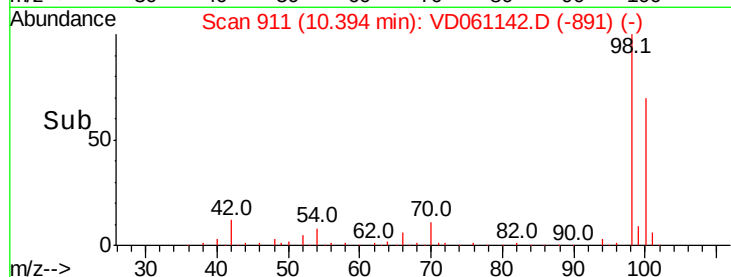
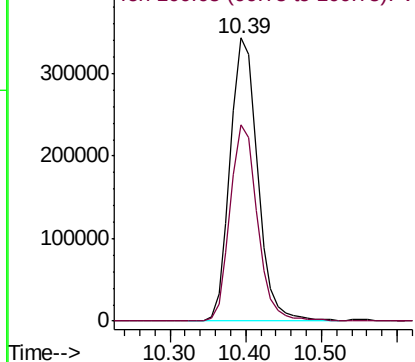
Ion Ratio Lower Upper

98 100

100 69.5 57.4 86.2



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



#52

Toluene

Concen: 1.706 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.01 min

Lab File: VD061142.D

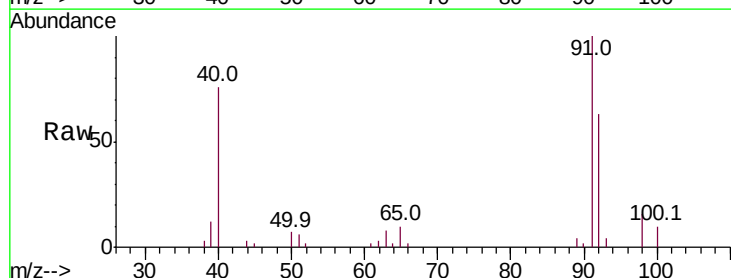
Acq: 18 Mar 2019 13:47

Tgt Ion: 92 Resp: 22246

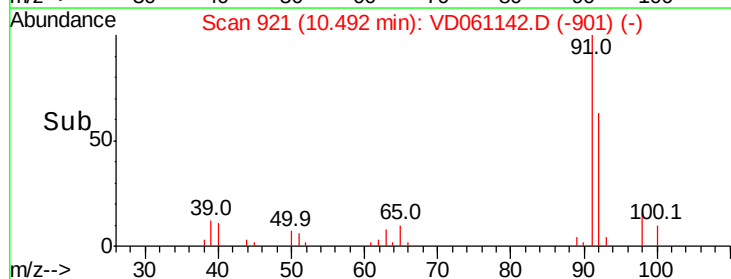
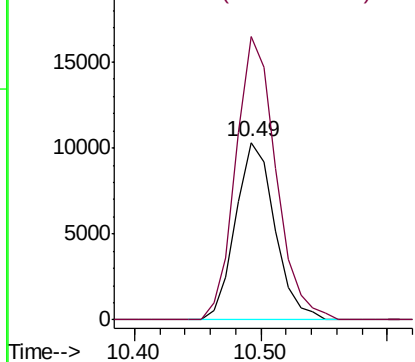
Ion Ratio Lower Upper

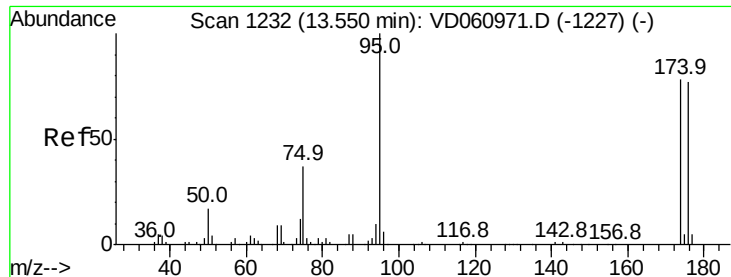
92 100

91 159.6 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061142.D

Acq: 18 Mar 2019 13:47

Instrument :

MSVOA_D

ClientSampleId :

AU-05-031419-A

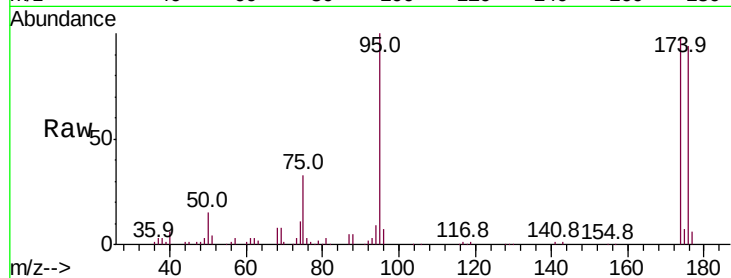
Tot Ion: 95 Resp: 275707

Ion Ratio Lower Upper

95 100

174 97.6 0.0 155.6

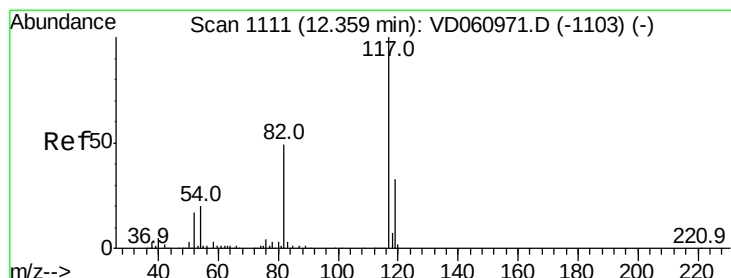
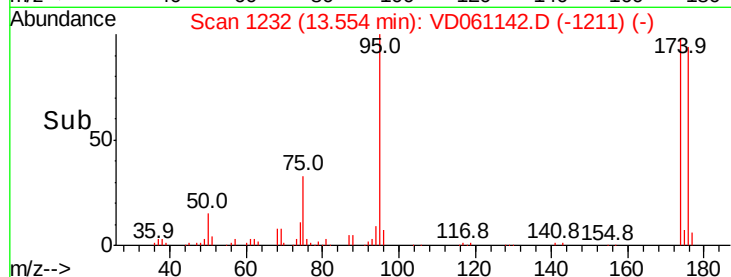
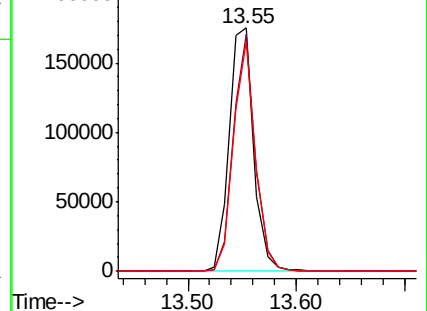
176 94.4 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061142.D

Acq: 18 Mar 2019 13:47

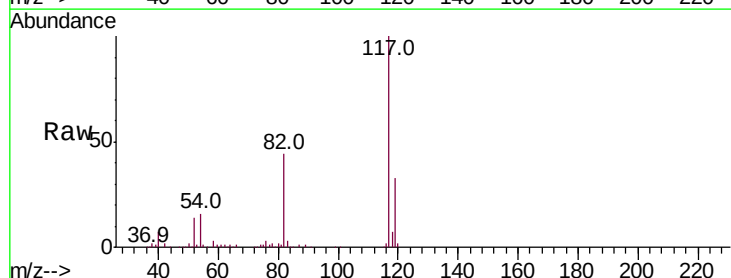
Tgt Ion: 117 Resp: 750904

Ion Ratio Lower Upper

117 100

82 44.1 38.9 58.3

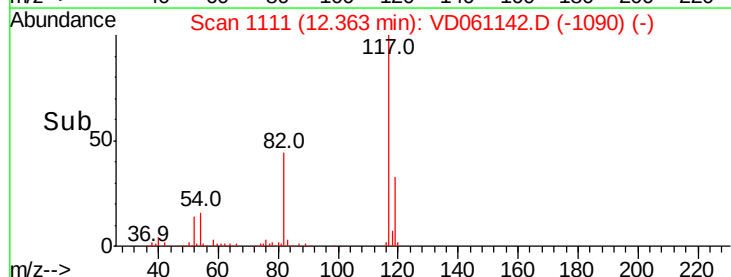
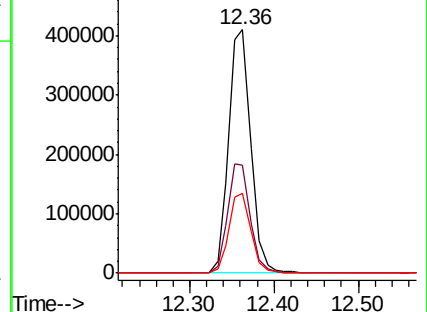
119 32.9 26.6 39.8

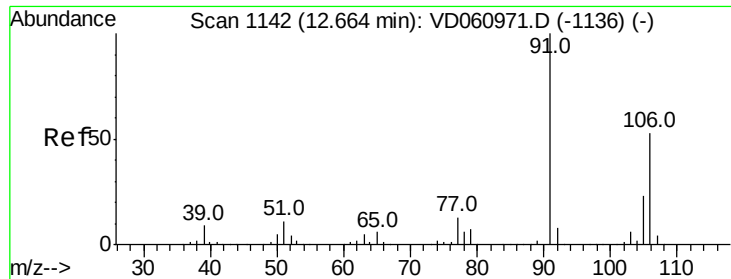


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#68

m/p-Xylenes

Concen: 1.233 ug/l

RT: 12.66 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VD061142.D

Acq: 18 Mar 2019 13:47

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MSVOA_D

ClientSampleId :

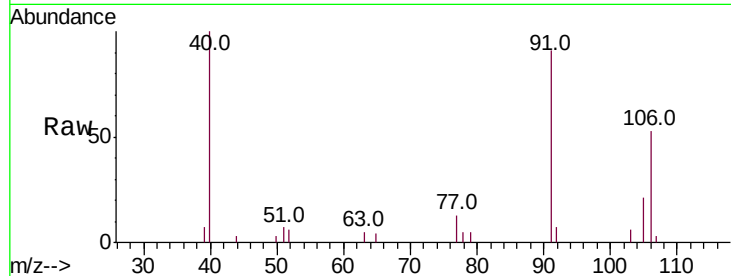
AU-05-031419-A

Tot Ion:106 Resp: 10607

Ion Ratio Lower Upper

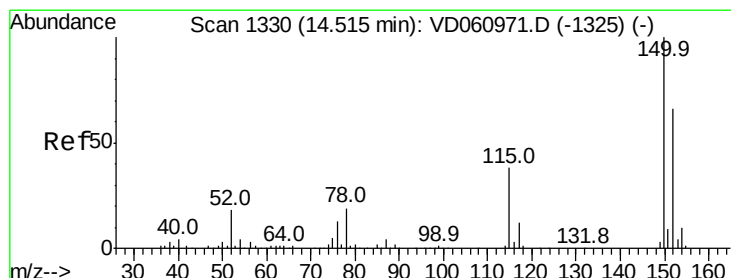
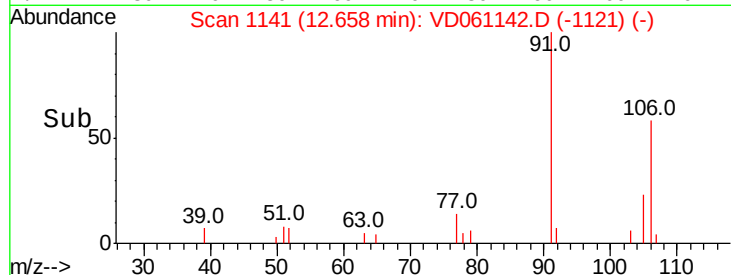
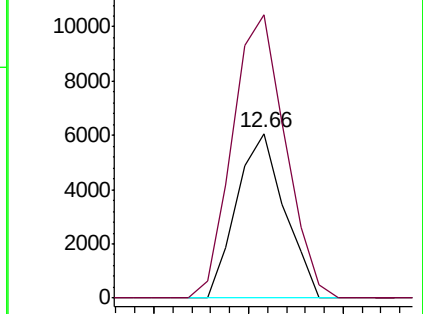
106 100

91 172.1 152.0 228.0



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): 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: VD061142.D

Acq: 18 Mar 2019 13:47

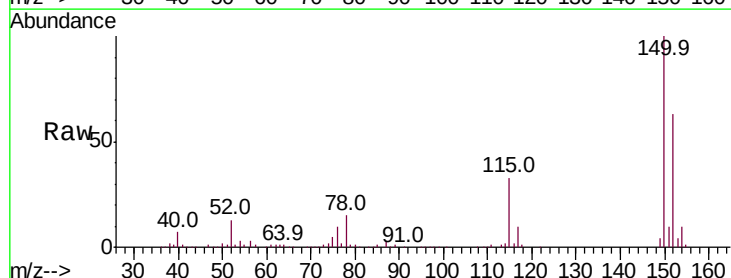
Tgt Ion:152 Resp: 231554

Ion Ratio Lower Upper

152 100

115 52.3 28.6 85.9

150 158.4 0.0 310.6



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

