

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061480.D
 Acq On : 1 Apr 2019 20:37
 Operator : VA/AP
 Sample : K2182-13
 Misc : 5.33g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S8A(12)

Quant Time: Apr 02 05:56:14 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

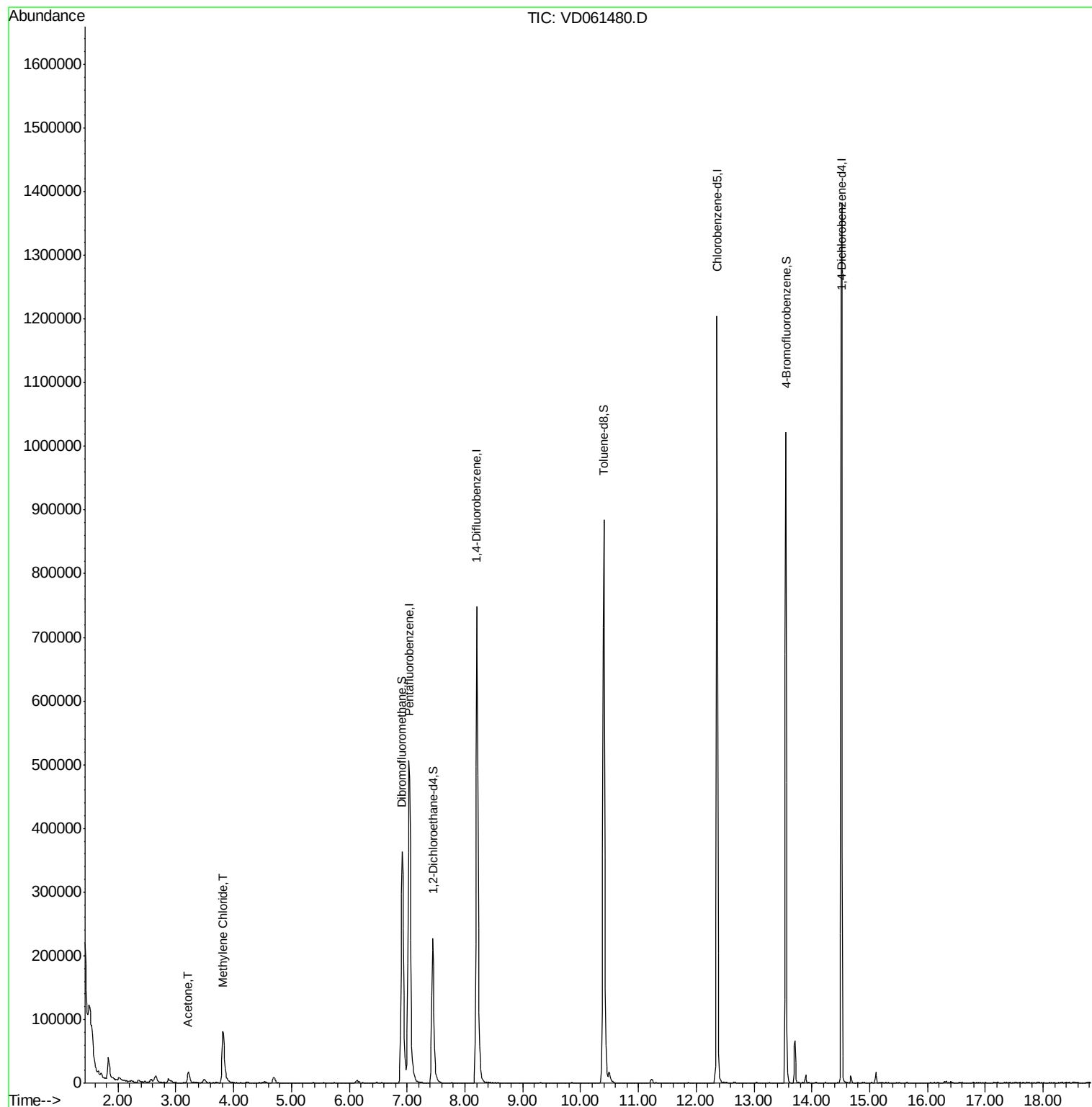
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	530070	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.20	114	915742	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	745733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	348473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	234702	51.83	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.66%	
35) Dibromofluoromethane	6.91	113	356149	50.89	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	10.40	98	779930	46.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	13.55	95	313623	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
Target Compounds						
16) Acetone	3.21	43	35461	30.464	ug/l	91
20) Methylene Chloride	3.82	84	67915	8.834	ug/l	96

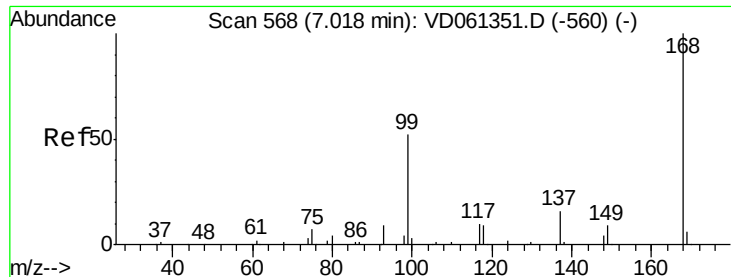
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061480.D

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Instrument :

MSVOA_D

ClientSampleId :

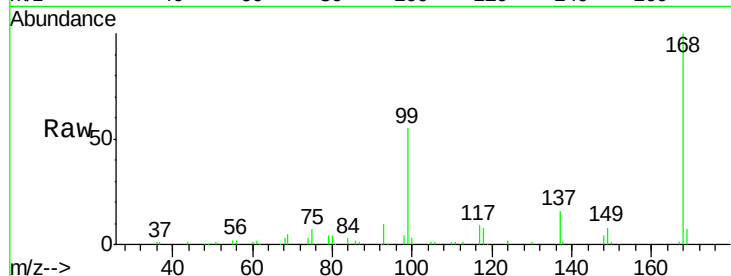
S8A(12)

Tot Ion:168 Resp: 530070

Ion Ratio Lower Upper

168 100

99 54.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

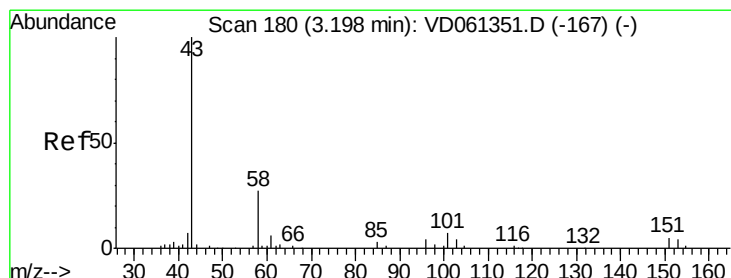
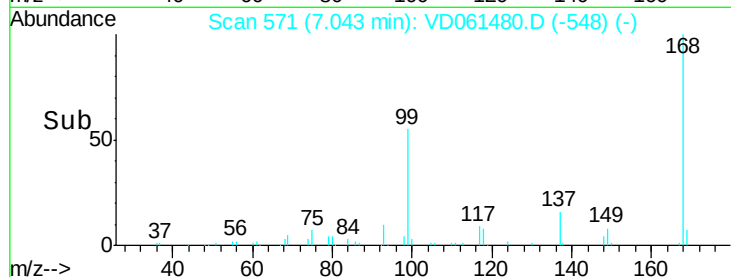
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 30.464 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061480.D

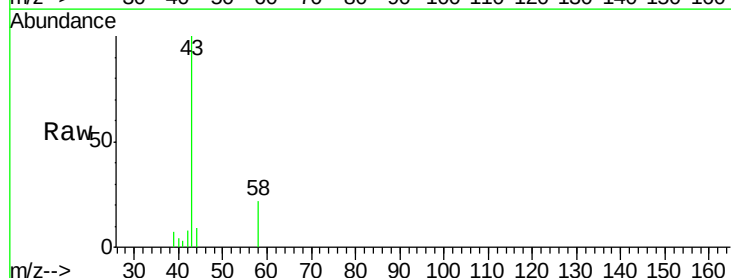
Acq: 1 Apr 2019 20:37

Tgt Ion: 43 Resp: 35461

Ion Ratio Lower Upper

43 100

58 22.0 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

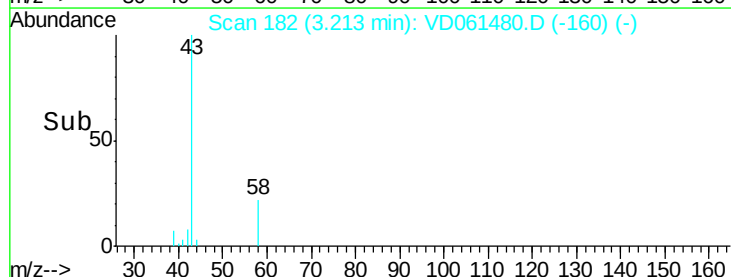
10000

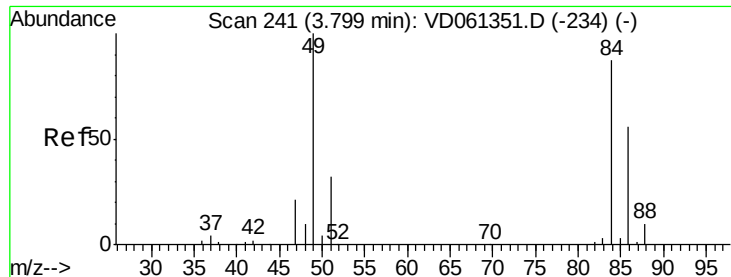
5000

0

3.10 3.20 3.30 3.40

Time-->

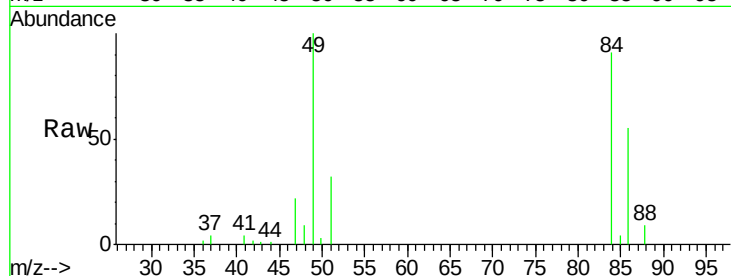




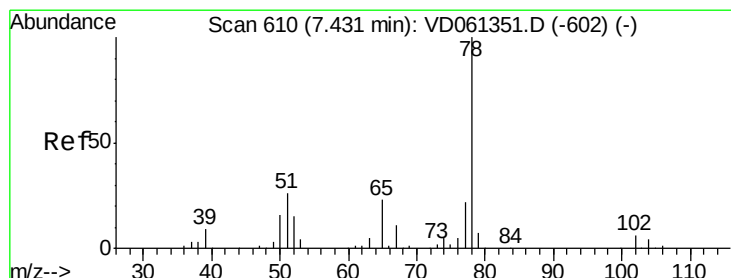
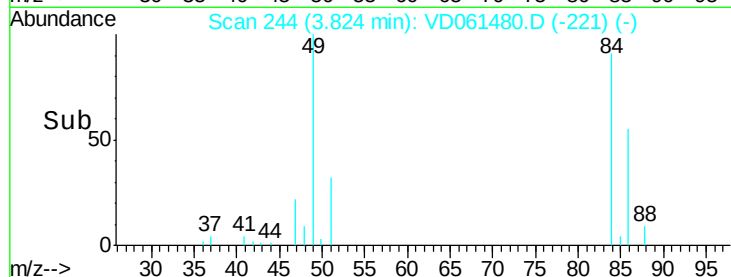
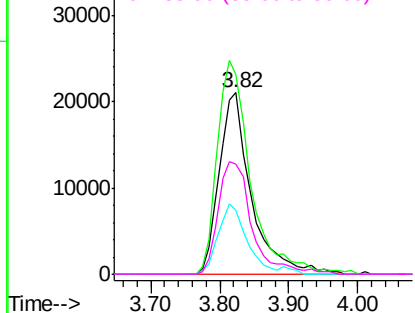
#20
Methylene Chloride
Concen: 8.834 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD061480.D
Acq: 1 Apr 2019 20:37

Instrument :
MSVOA_D
ClientSampleId :
S8A(12)

Tot Ion: 84 Resp: 67915
Ion Ratio Lower Upper
84 100
49 110.2 91.8 137.8
51 35.0 29.8 44.8
86 61.0 51.8 77.6

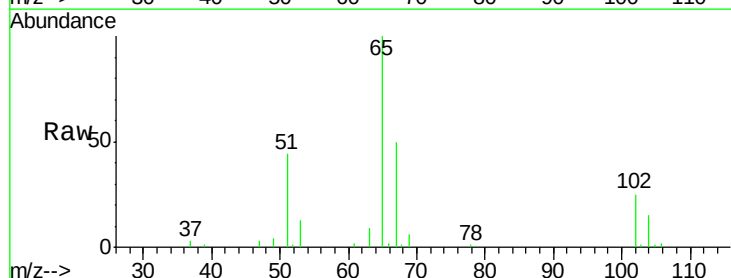


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

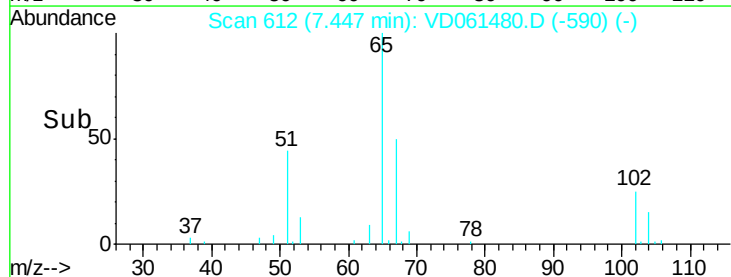
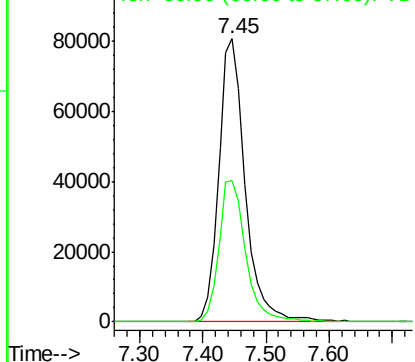


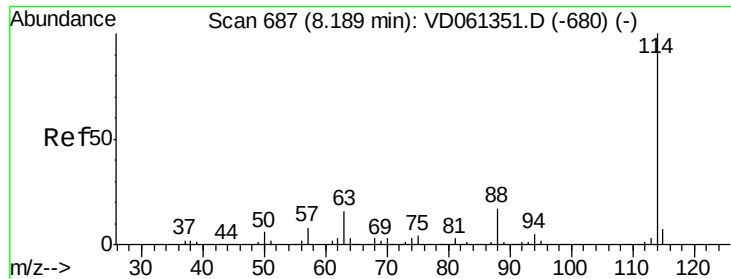
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061480.D
Acq: 1 Apr 2019 20:37

Tgt Ion: 65 Resp: 234702
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.8



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

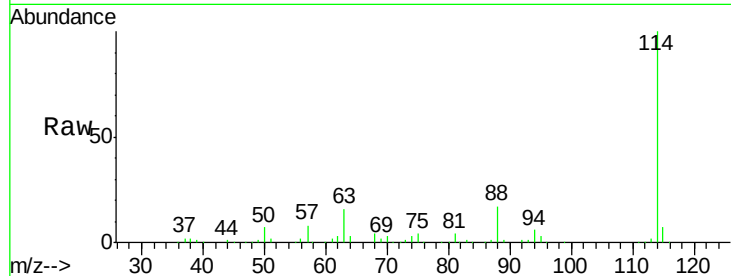




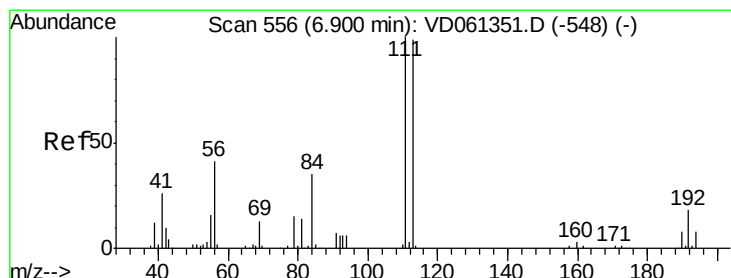
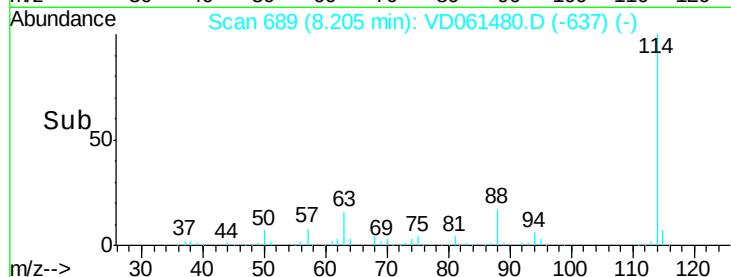
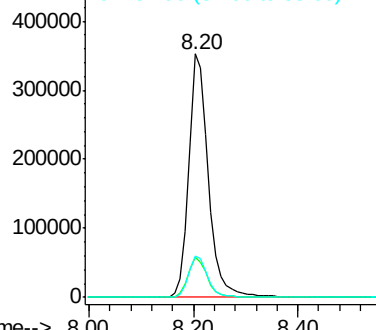
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061480.D
 Acq: 1 Apr 2019 20:37

Instrument :
 MSVOA_D
 ClientSampleId :
 S8A(12)

Tot Ion:114 Resp: 915742
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.6
 88 17.1 0.0 33.4

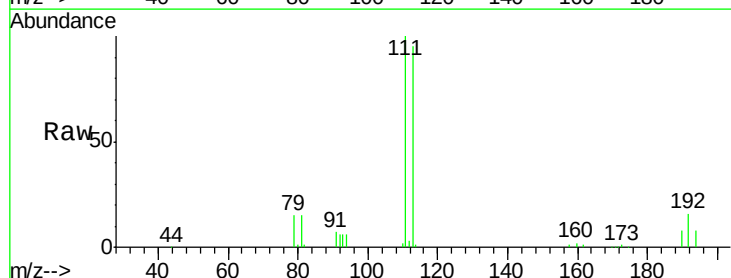


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

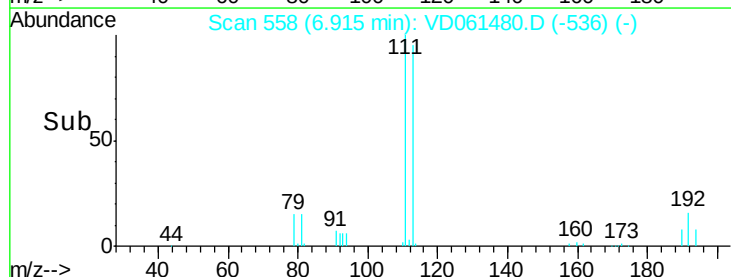
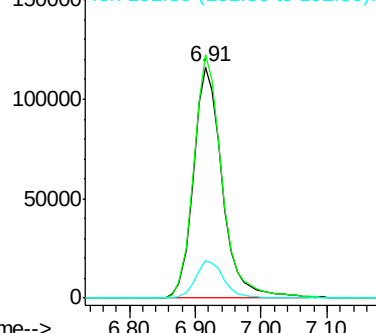


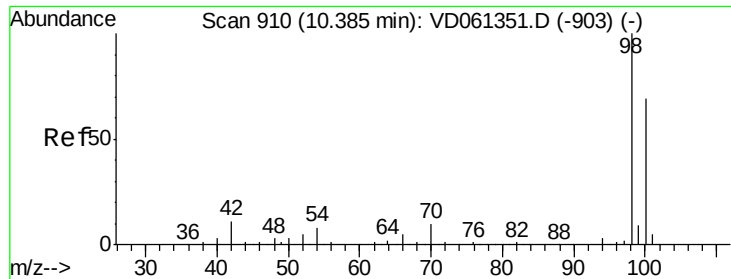
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061480.D
 Acq: 1 Apr 2019 20:37

Tgt Ion:113 Resp: 356149
 Ion Ratio Lower Upper
 113 100
 111 105.4 81.0 121.6
 192 16.4 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: 10.40 min Scan# 912

Delta R.T. 0.02 min

Lab File: VD061480.D

Acq: 1 Apr 2019 20:37

Instrument :

MSVOA_D

ClientSampleId :

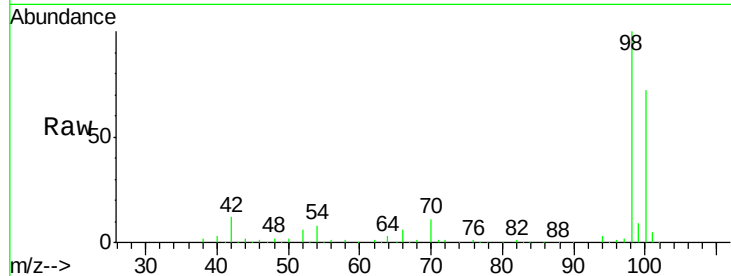
S8A(12)

Tot Ion: 98 Resp: 779930

Ion Ratio Lower Upper

98 100

100 71.5 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.40

300000

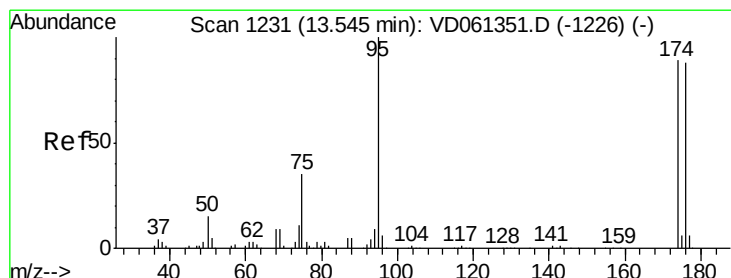
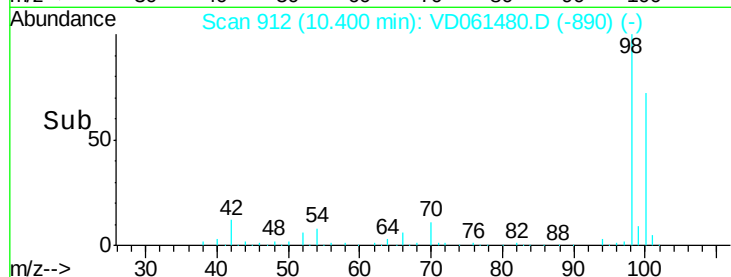
200000

100000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061480.D

Acq: 1 Apr 2019 20:37

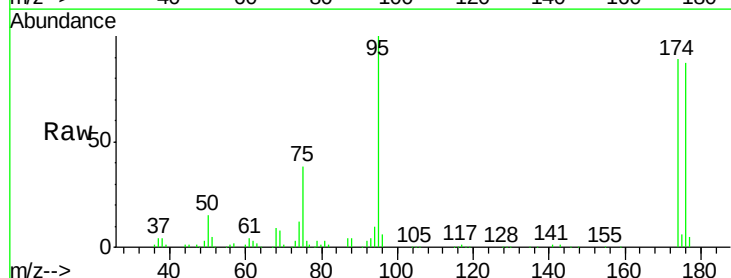
Tgt Ion: 95 Resp: 313623

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.0

176 86.7 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

300000

250000

200000

150000

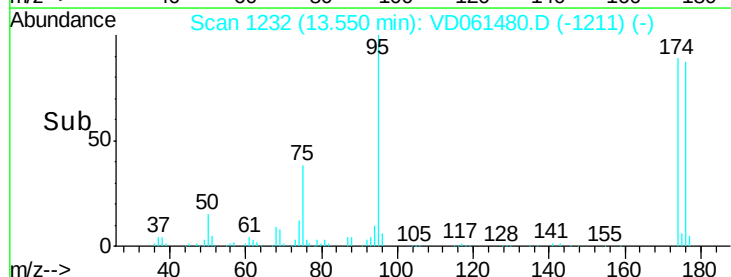
100000

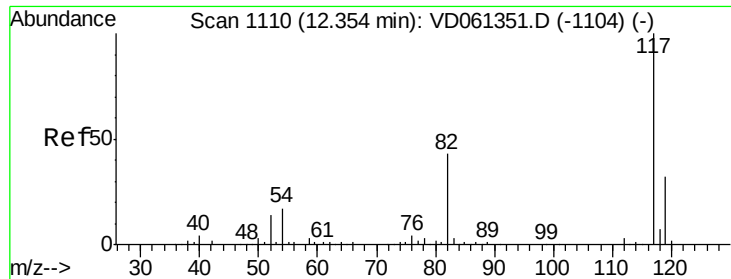
50000

0

Time-->

13.50 13.55 13.60

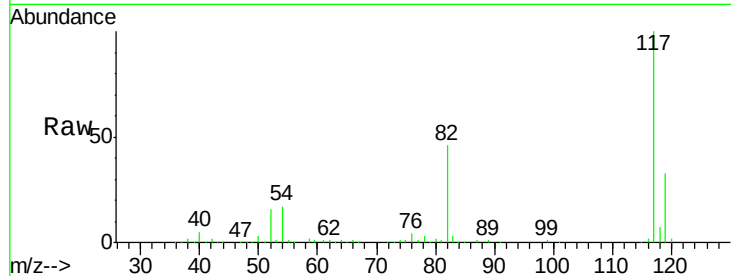




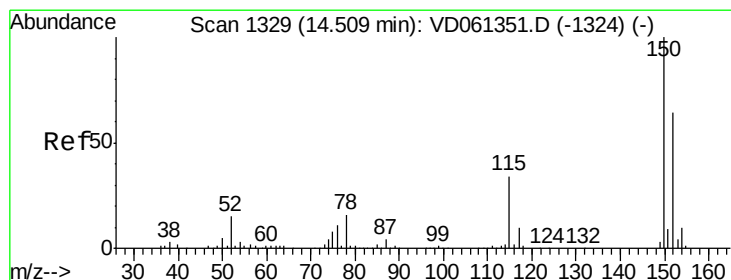
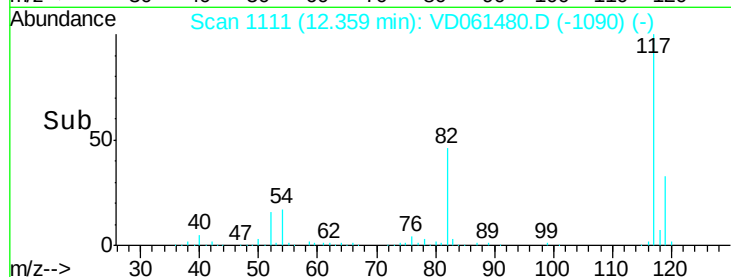
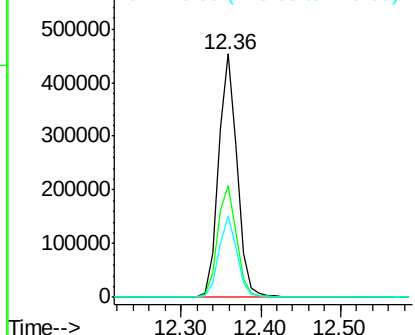
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VD061480.D
 Acq: 1 Apr 2019 20:37

Instrument :
 MSVOA_D
 ClientSampleId :
 S8A(12)

Tot Ion:117 Resp: 745733
 Ion Ratio Lower Upper
 117 100
 82 45.8 34.4 51.6
 119 33.2 25.8 38.6

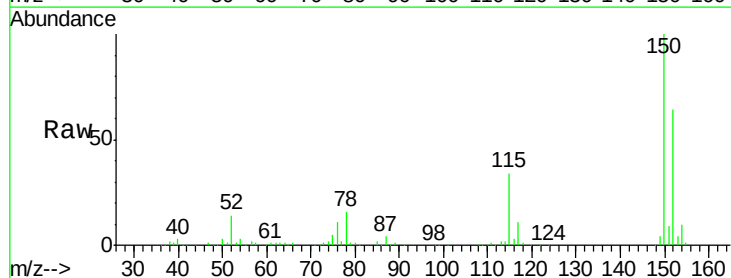


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061480.D
 Acq: 1 Apr 2019 20:37

Tgt Ion:152 Resp: 348473
 Ion Ratio Lower Upper
 152 100
 115 52.6 26.9 80.6
 150 156.4 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

