

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061568.D
 Acq On : 3 Apr 2019 21:07
 Operator : VA/AP
 Sample : K2213-11
 Misc : 5.64g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S9B(8)

Quant Time: Apr 04 03:04:17 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

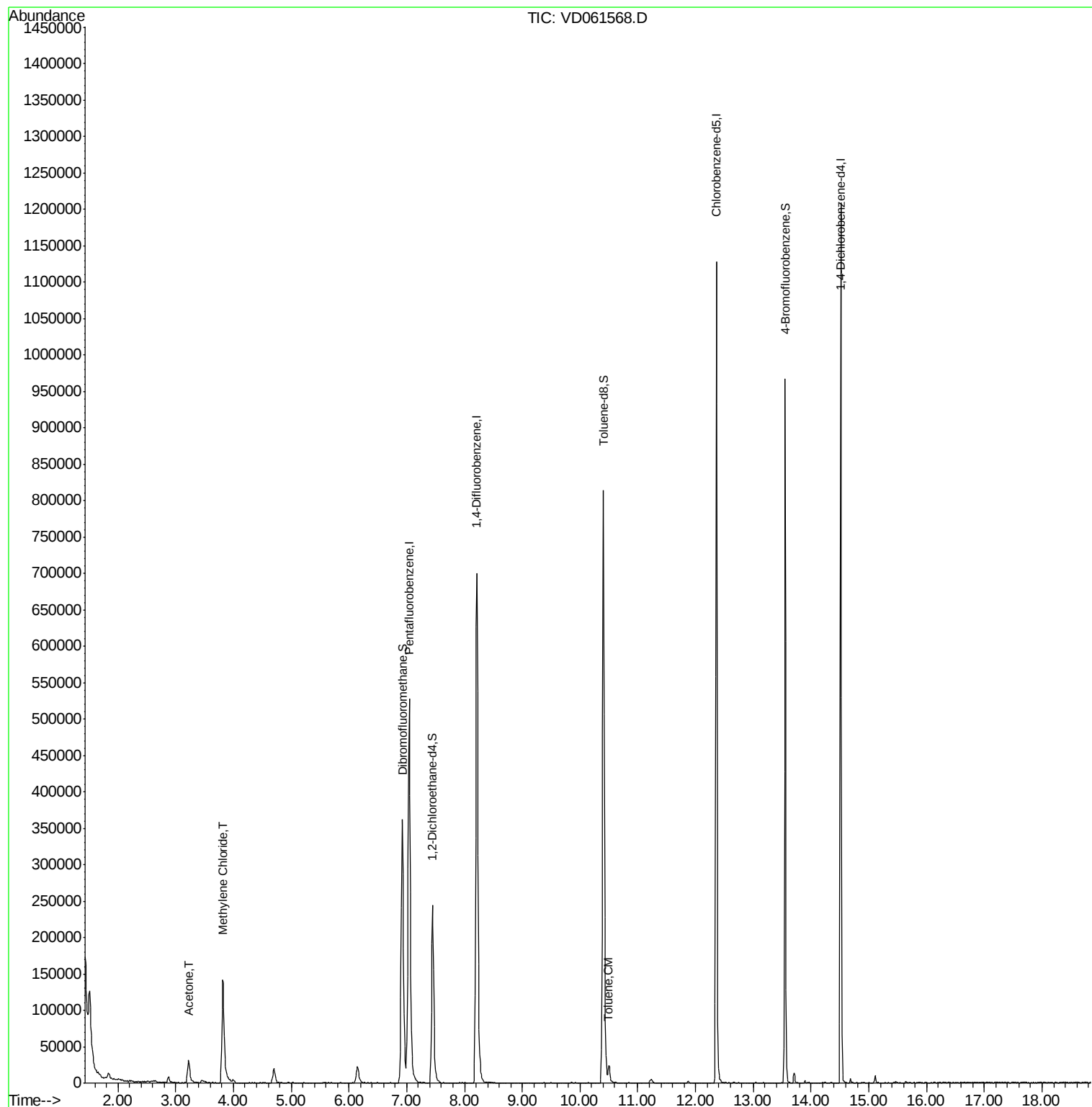
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	515248	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	852603	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	699625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	272331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	243771	55.38	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.76%	
35) Dibromofluoromethane	6.92	113	355363	54.54	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.08%	
50) Toluene-d8	10.41	98	754612	48.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	13.55	95	289670	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
Target Compounds						
16) Acetone	3.22	43	61873	54.684	ug/l	95
20) Methylene Chloride	3.82	84	110499	16.133	ug/l	96
52) Toluene	10.51	92	13221	1.160	ug/l	96

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

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Quant Time: Apr 04 03:04:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD061568.D

Acq: 3 Apr 2019 21:07

Instrument :

MSVOA_D

ClientSampleId :

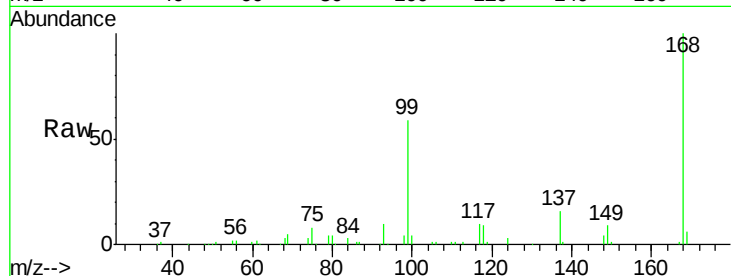
S9B(8)

Tot Ion:168 Resp: 515248

Ion Ratio Lower Upper

168 100

99 58.5 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

200000

150000

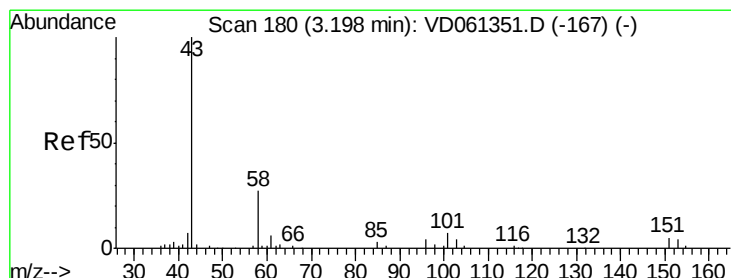
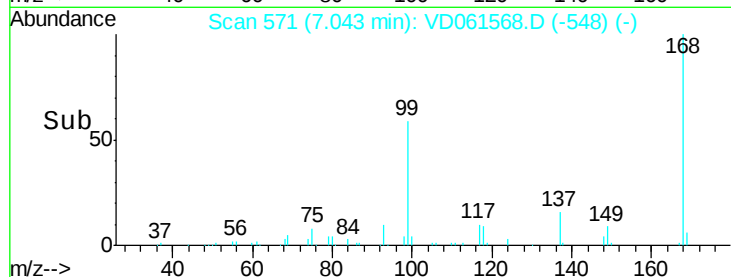
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 54.684 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061568.D

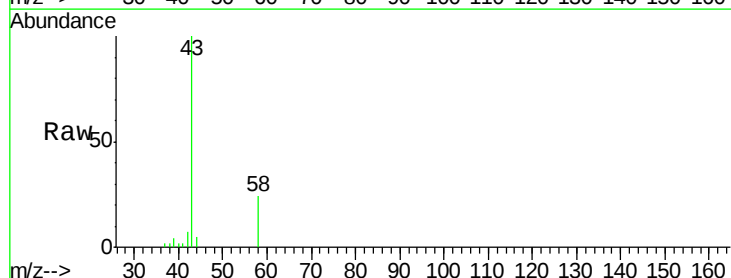
Acq: 3 Apr 2019 21:07

Tgt Ion: 43 Resp: 61873

Ion Ratio Lower Upper

43 100

58 24.3 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

25000

20000

15000

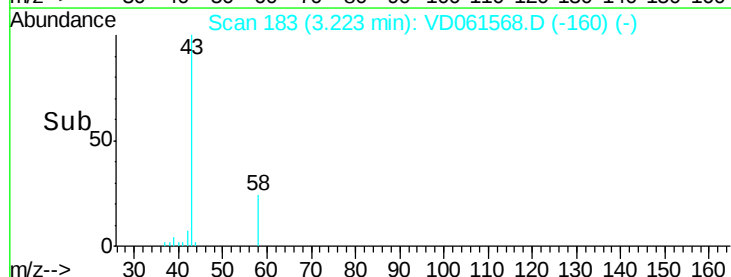
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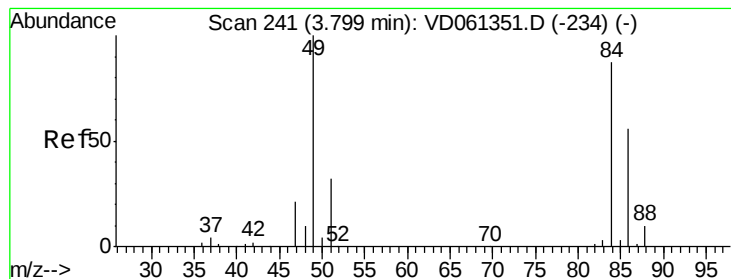
5000

0

3.10 3.20 3.30 3.40

Time-->





#20

Methylene Chloride

Concen: 16.133 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061568.D

Acq: 3 Apr 2019 21:07

Instrument :

MSVOA_D

ClientSampleId :

S9B(8)

Tot Ion: 84 Resp: 110499

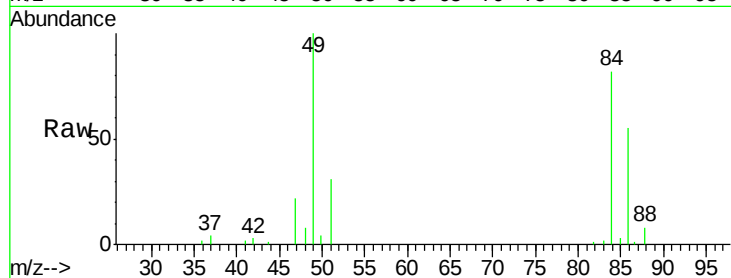
Ion Ratio Lower Upper

84 100

49 121.5 91.8 137.8

51 37.2 29.8 44.8

86 66.3 51.8 77.6

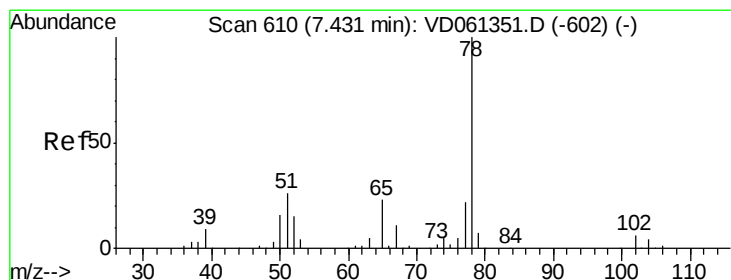
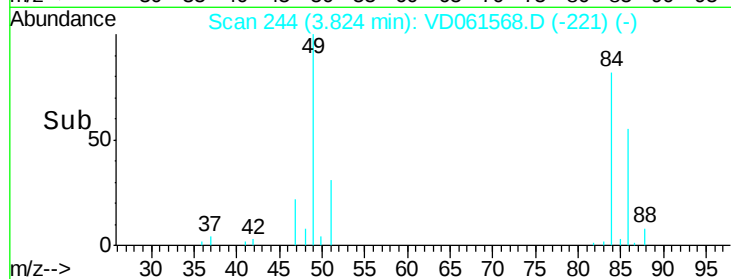
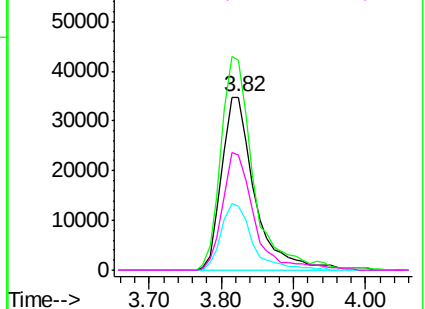


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: VD061568.D

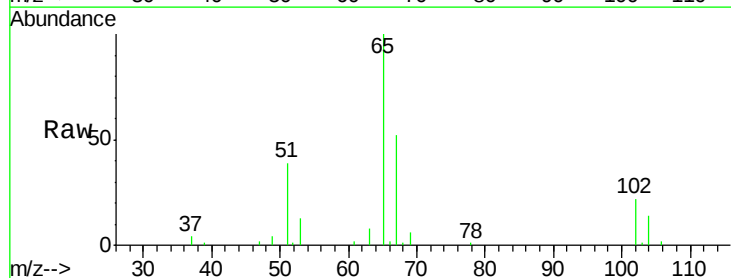
Acq: 3 Apr 2019 21:07

Tgt Ion: 65 Resp: 243771

Ion Ratio Lower Upper

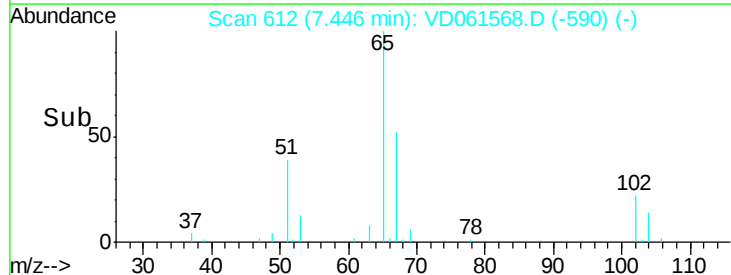
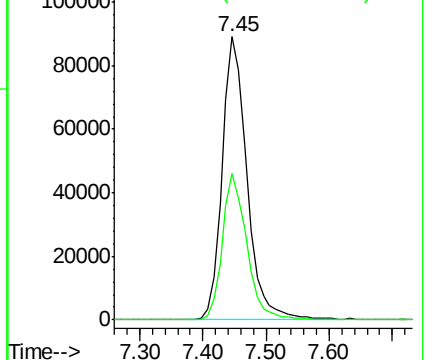
65 100

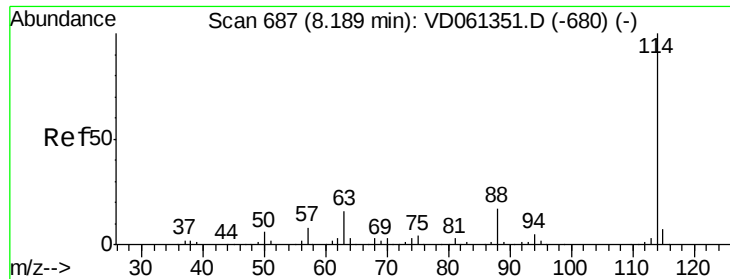
67 51.9 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

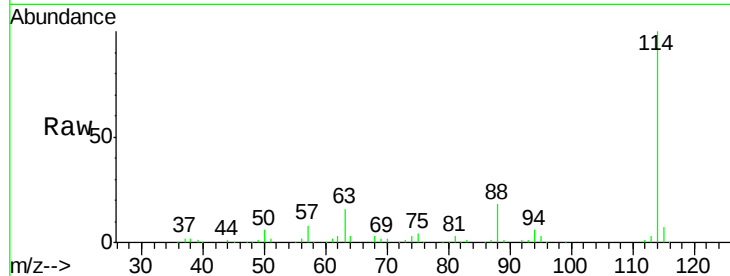




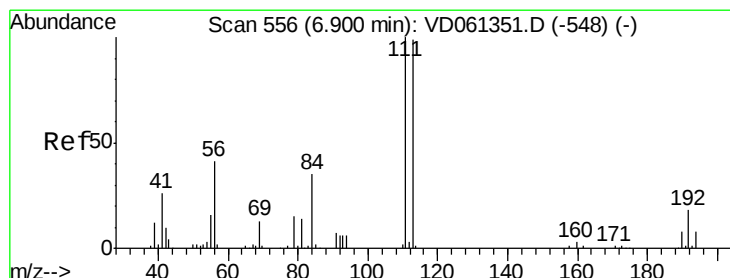
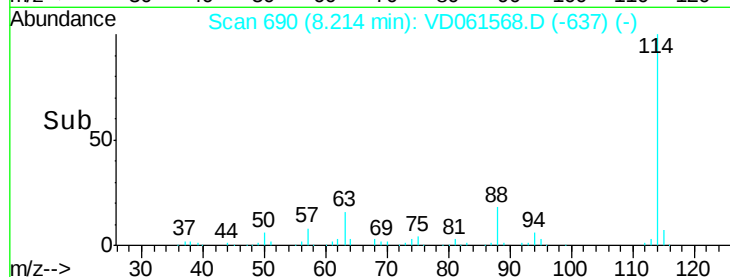
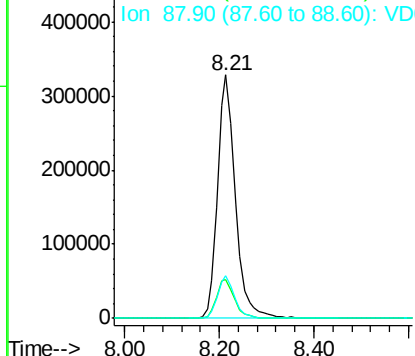
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061568.D
 Acq: 3 Apr 2019 21:07

Instrument :
 MSVOA_D
 ClientSampleId :
 S9B(8)

Tot Ion:114 Resp: 852603
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.6
 88 17.6 0.0 33.4

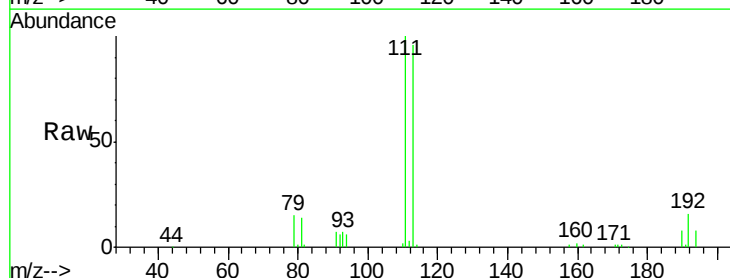


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

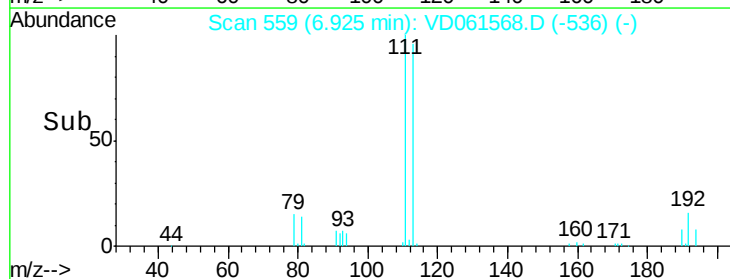
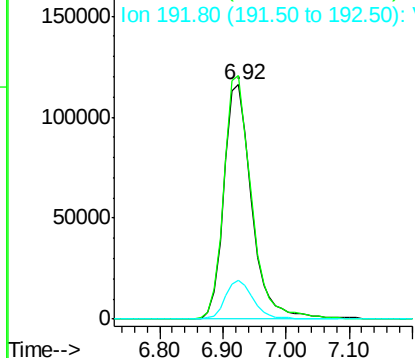


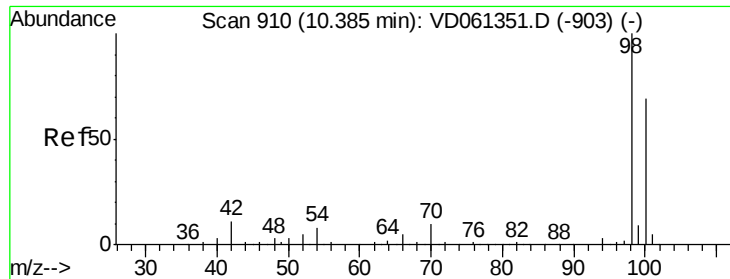
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD061568.D
 Acq: 3 Apr 2019 21:07

Tgt Ion:113 Resp: 355363
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.0 121.6
 192 16.7 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

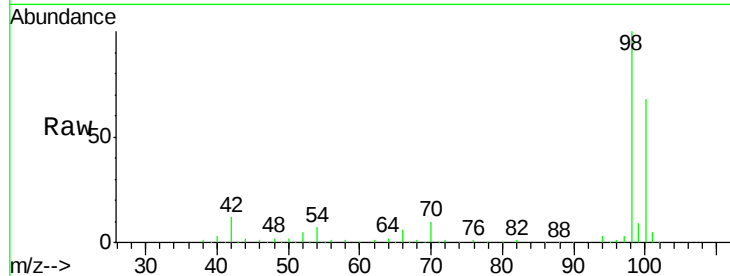




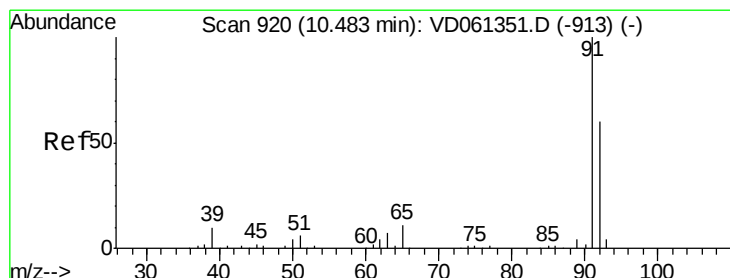
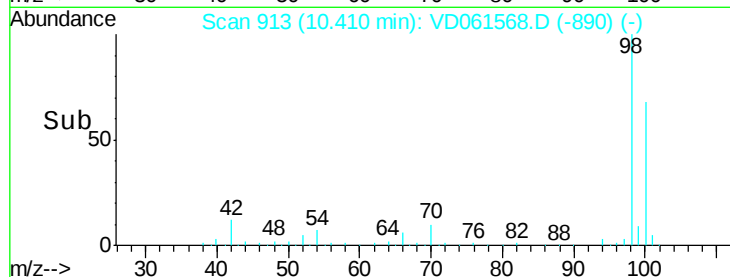
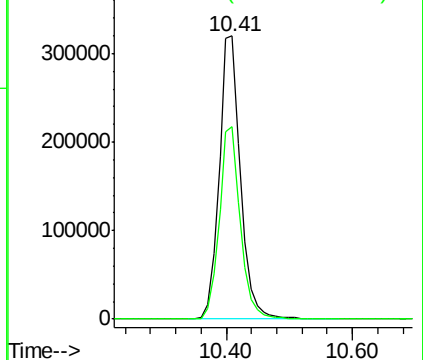
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061568.D
Acq: 3 Apr 2019 21:07

Instrument :
MSVOA_D
ClientSampleId :
S9B(8)

Tot Ion: 98 Resp: 754612
Ion Ratio Lower Upper
98 100
100 68.1 56.2 84.2

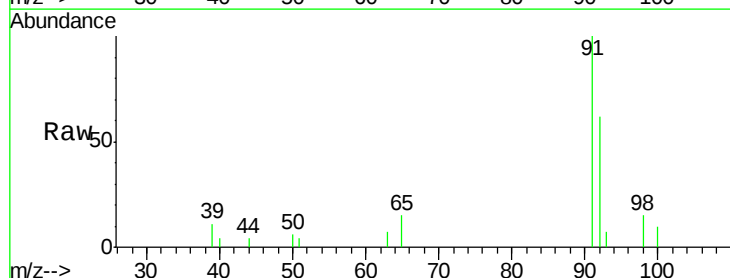


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

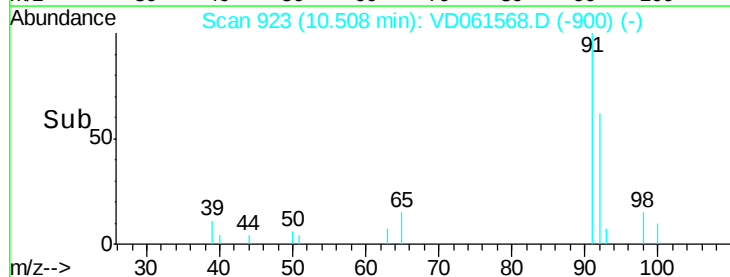
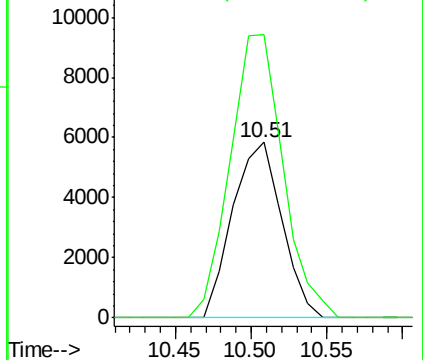


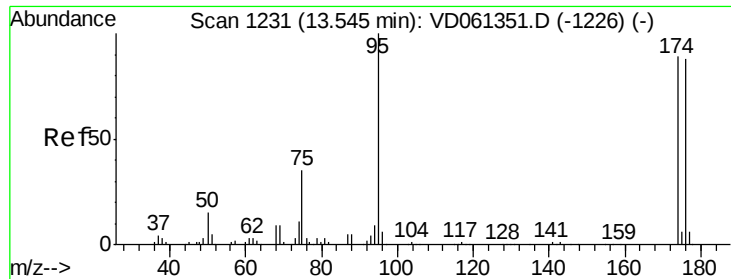
#52
Toluene
Concen: 1.160 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.02 min
Lab File: VD061568.D
Acq: 3 Apr 2019 21:07

Tgt Ion: 92 Resp: 13221
Ion Ratio Lower Upper
92 100
91 161.1 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VD0
Ion 91.00 (90.70 to 91.70): VD0

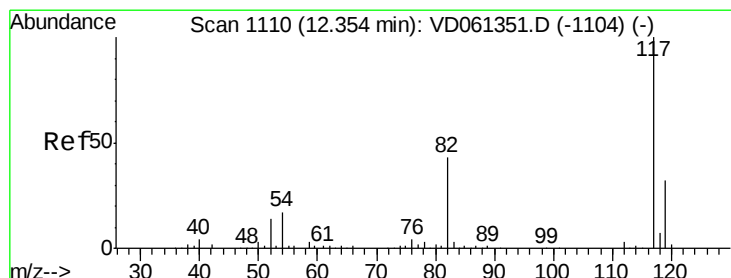
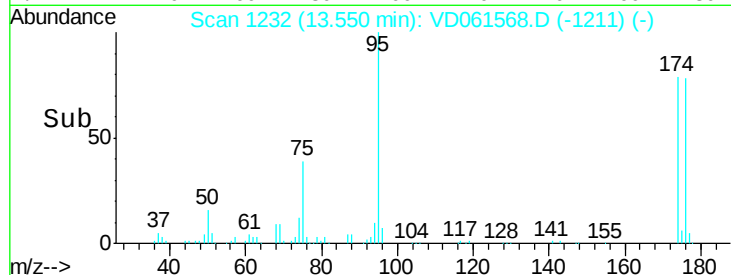
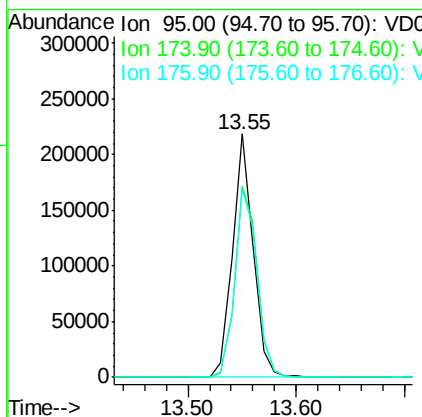
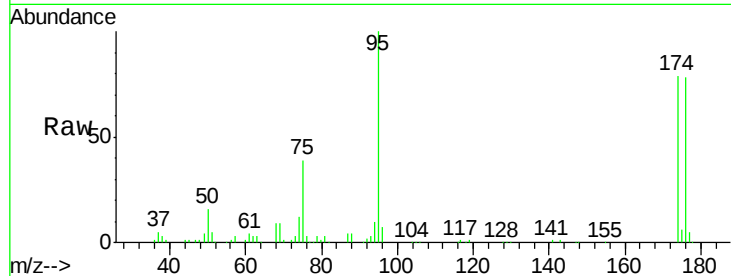




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061568.D
Acq: 3 Apr 2019 21:07

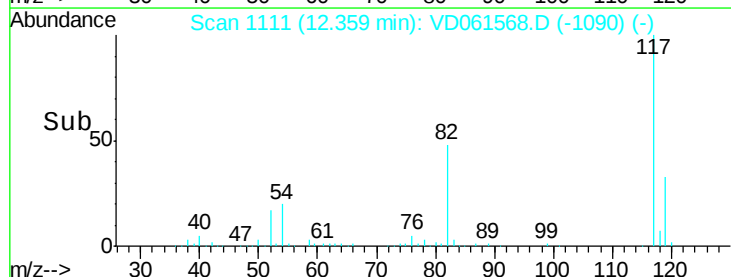
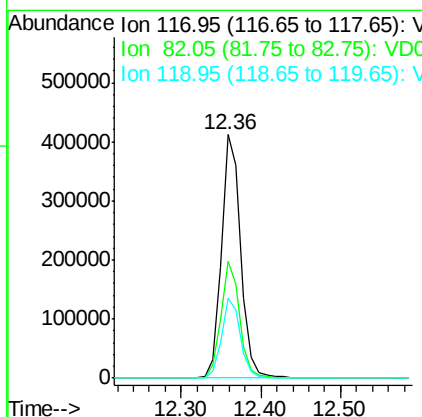
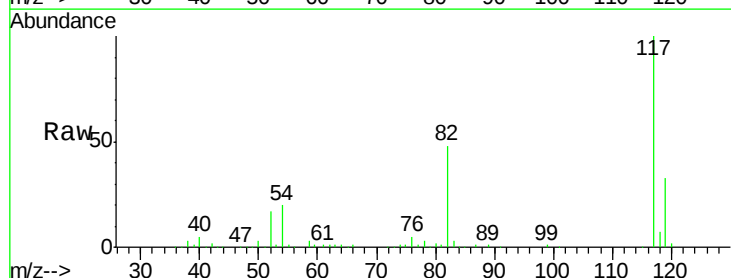
Instrument :
MSVOA_D
ClientSampleId :
S9B(8)

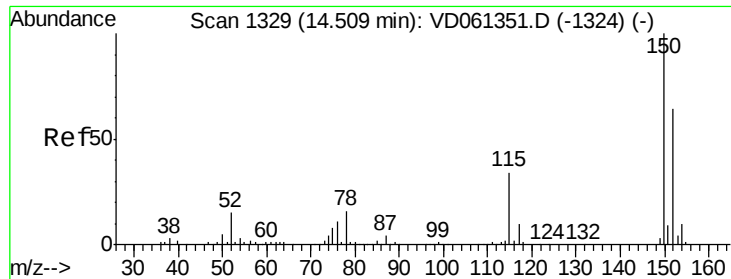
Tot Ion: 95 Resp: 289670
Ion Ratio Lower Upper
95 100
174 78.6 0.0 178.0
176 77.7 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061568.D
Acq: 3 Apr 2019 21:07

Tgt Ion: 117 Resp: 699625
Ion Ratio Lower Upper
117 100
82 47.9 34.4 51.6
119 32.8 25.8 38.6

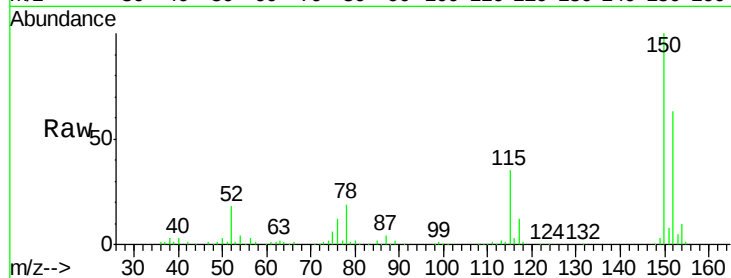




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061568.D
 Acq: 3 Apr 2019 21:07

Instrument :
 MSVOA_D
 ClientSampleId :
 S9B(8)

Tot Ion:152 Resp: 272331
 Ion Ratio Lower Upper
 152 100
 115 55.7 26.9 80.6
 150 157.6 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

