

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061605.D
 Acq On : 5 Apr 2019 5:42
 Operator : VA/AP
 Sample : K2257-09
 Misc : 4.15a/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-B

Quant Time: Apr 05 07:07:38 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

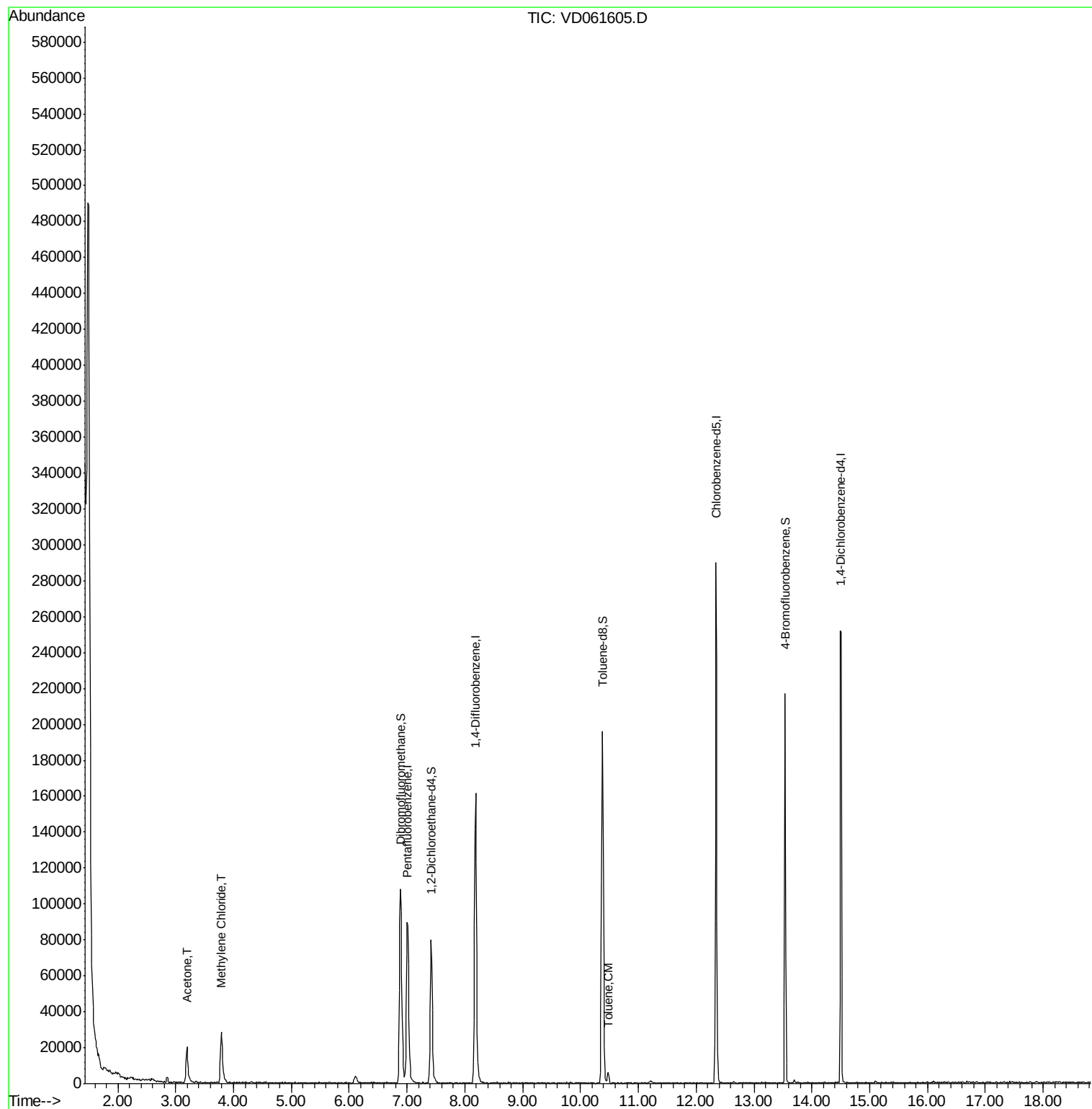
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	100117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	203453	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.34	117	182082	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	65756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	80579	94.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	188.44%	
35) Dibromofluoromethane	6.89	113	101066	65.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	130.00%	
50) Toluene-d8	10.38	98	181316	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	13.53	95	73054	51.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.18%	
Target Compounds						
16) Acetone	3.19	43	35525	161.585	ug/l	95
20) Methylene Chloride	3.79	84	22513	17.013	ug/l	95
52) Toluene	10.48	92	3497	1.286	ug/l	94

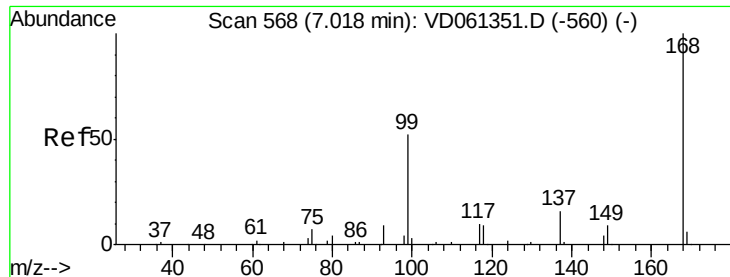
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.01 min Scan# 568

Delta R.T. -0.00 min

Lab File: VD061605.D

Acq: 5 Apr 2019 5:42

Instrument :

MSVOA_D

ClientSampleId :

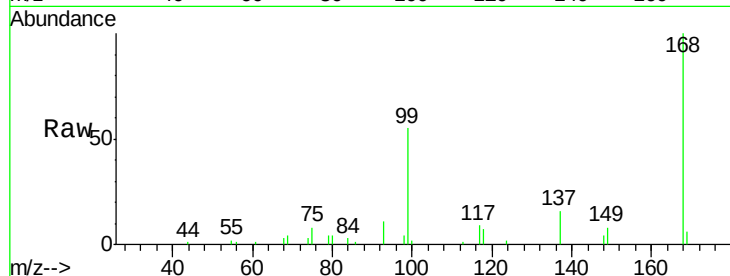
SP-1-B

Tot Ion:168 Resp: 100117

Ion Ratio Lower Upper

168 100

99 54.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

30000

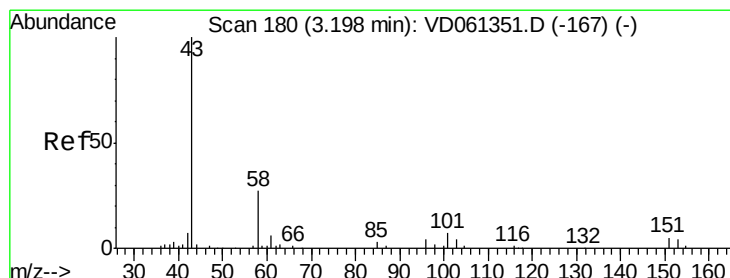
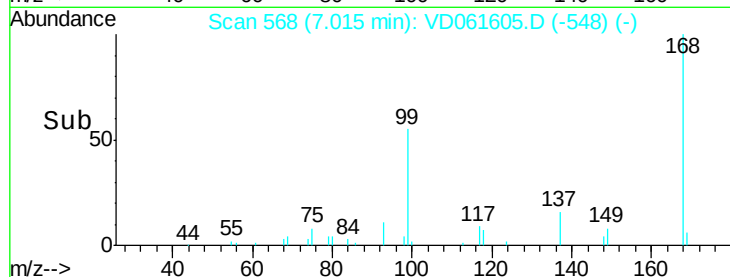
20000

10000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 161.585 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.00 min

Lab File: VD061605.D

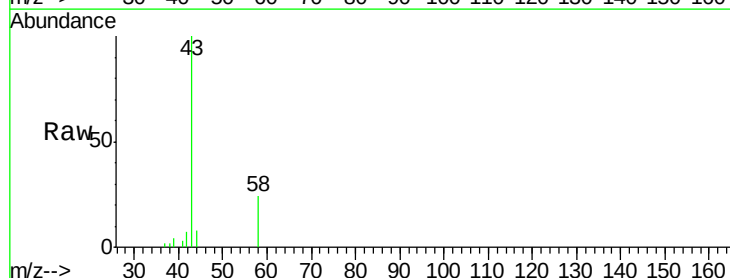
Acq: 5 Apr 2019 5:42

Tgt Ion: 43 Resp: 35525

Ion Ratio Lower Upper

43 100

58 24.4 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

15000

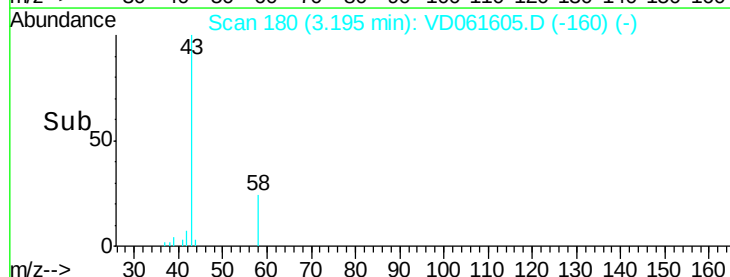
10000

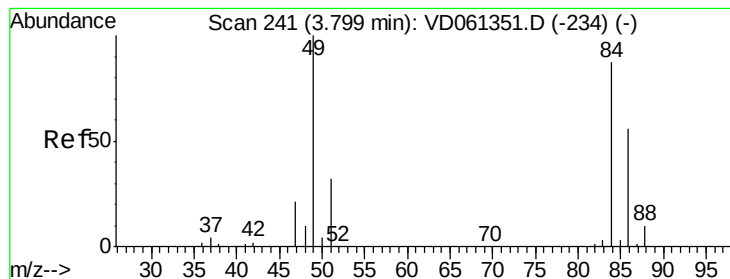
5000

0

3.10 3.20 3.30

Time-->





#20

Methylene Chloride

Concen: 17.013 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD061605.D

Acq: 5 Apr 2019 5:42

Instrument :

MSVOA_D

ClientSampleId :

SP-1-B

Tot Ion: 84 Resp: 22513

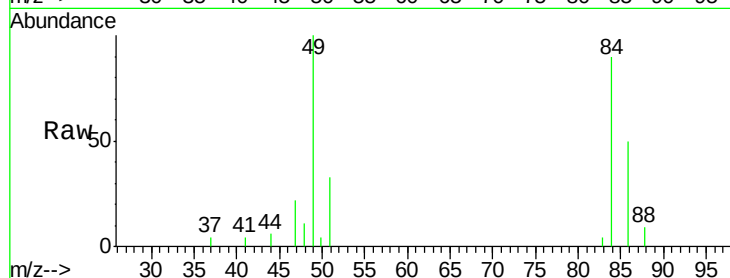
Ion Ratio Lower Upper

84 100

49 111.3 91.8 137.8

51 36.3 29.8 44.8

86 55.9 51.8 77.6

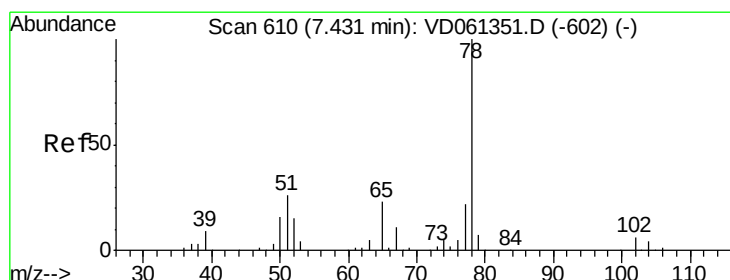
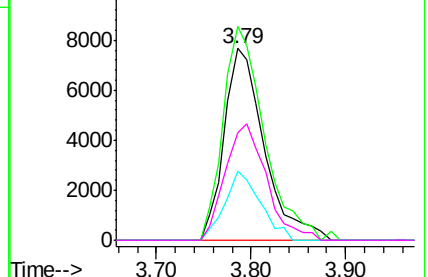
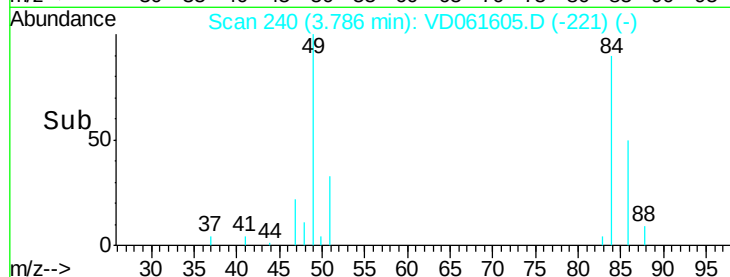


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.42 min Scan# 609

Delta R.T. -0.01 min

Lab File: VD061605.D

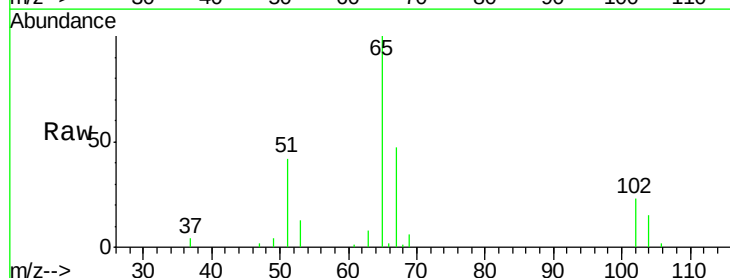
Acq: 5 Apr 2019 5:42

Tgt Ion: 65 Resp: 80579

Ion Ratio Lower Upper

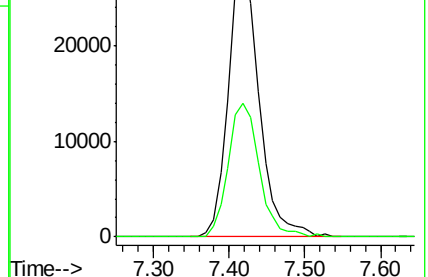
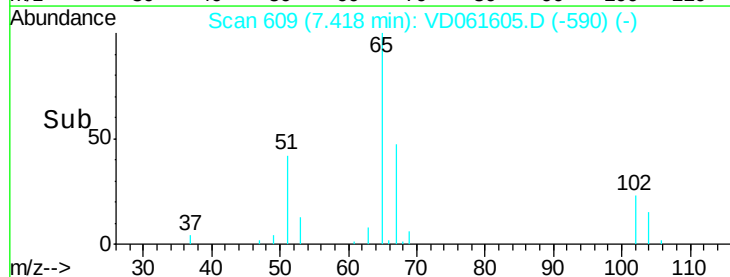
65 100

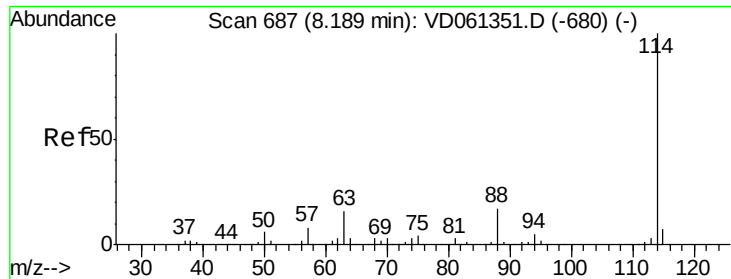
67 47.1 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

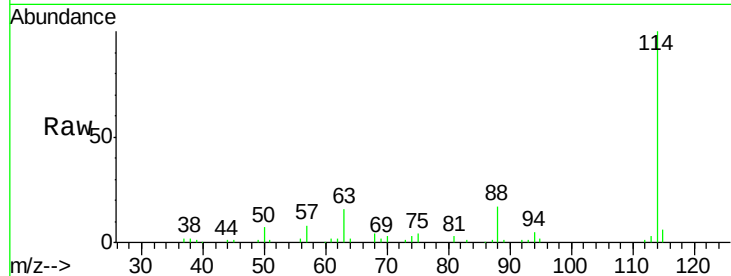




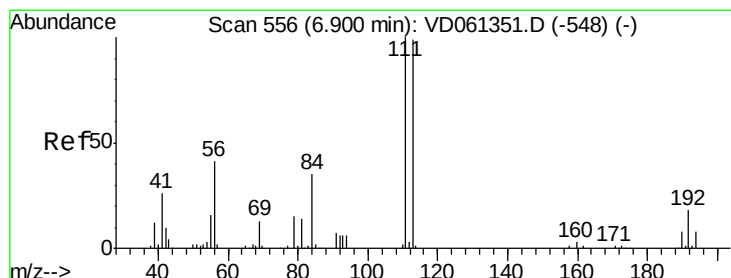
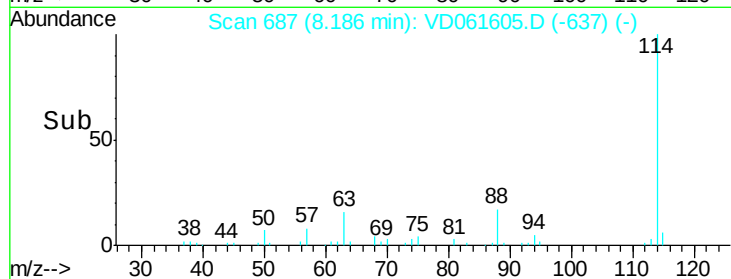
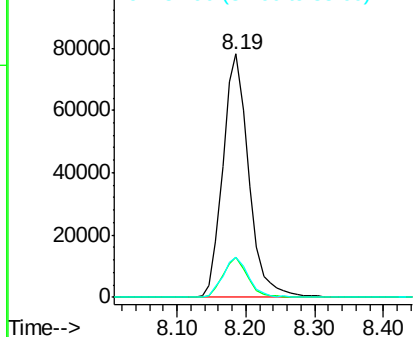
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: VD061605.D
 Acq: 5 Apr 2019 5:42

Instrument :
 MSVOA_D
 ClientSampled :
 SP-1-B

Tot Ion:114 Resp: 203453
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 16.6 0.0 33.4

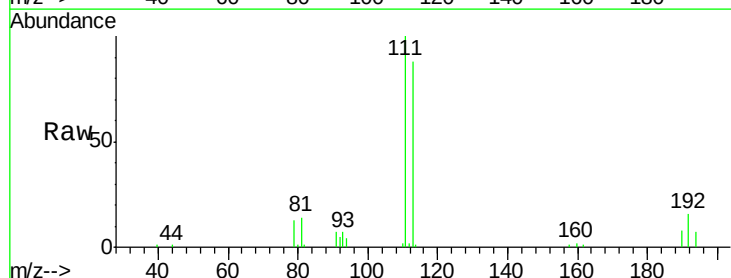


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

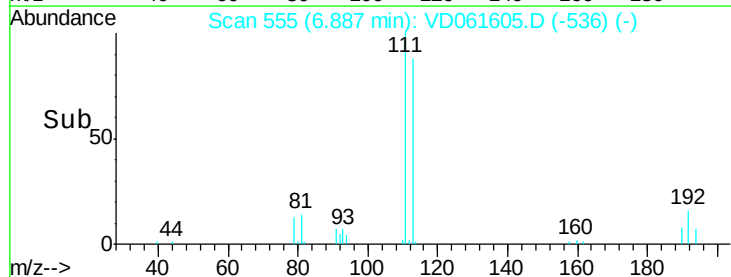
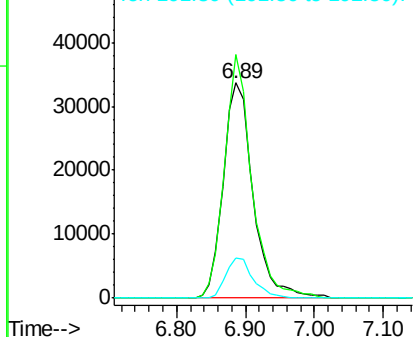


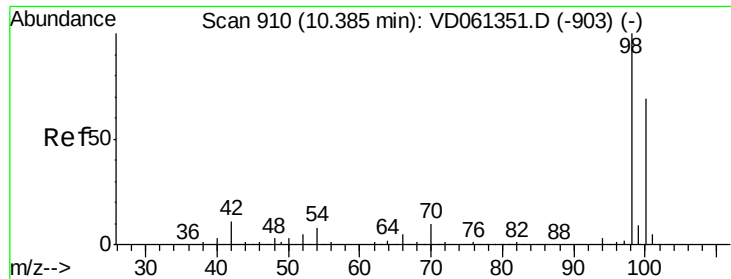
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.89 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: VD061605.D
 Acq: 5 Apr 2019 5:42

Tgt Ion:113 Resp: 101066
 Ion Ratio Lower Upper
 113 100
 111 113.1 81.0 121.6
 192 18.4 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

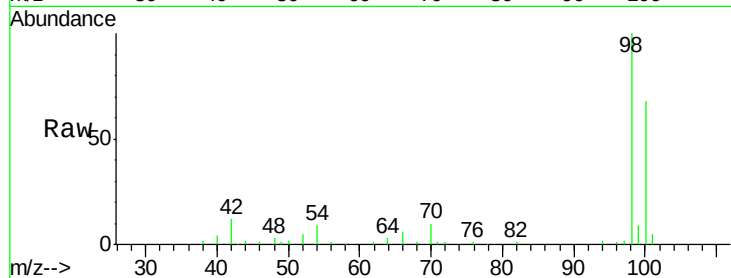




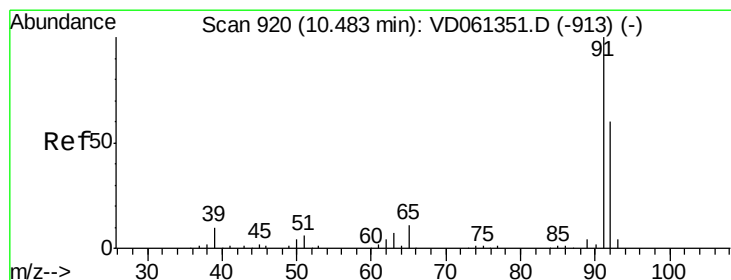
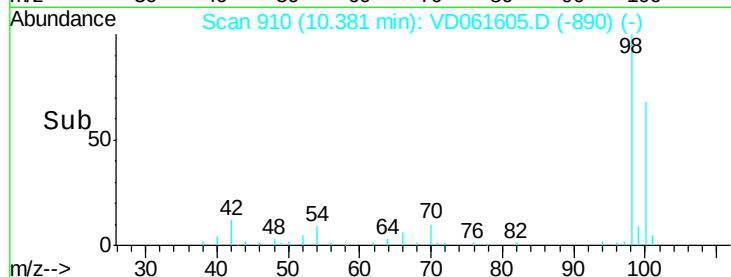
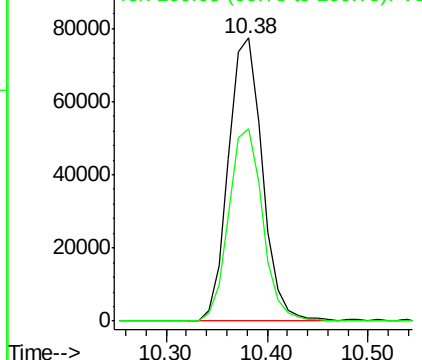
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.00 min
Lab File: VD061605.D
Acq: 5 Apr 2019 5:42

Instrument :
MSVOA_D
ClientSampleId :
SP-1-B

Tot Ion: 98 Resp: 181316
Ion Ratio Lower Upper
98 100
100 68.2 56.2 84.2

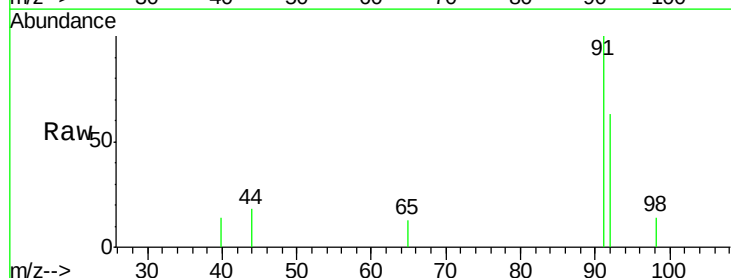


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

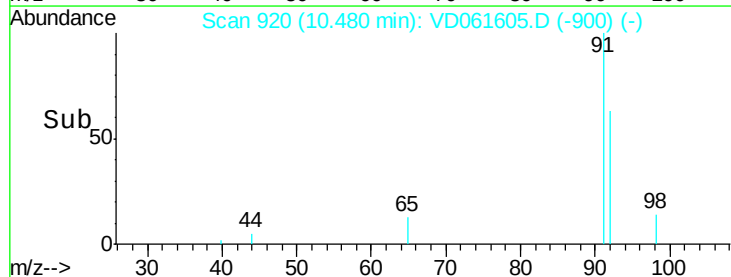
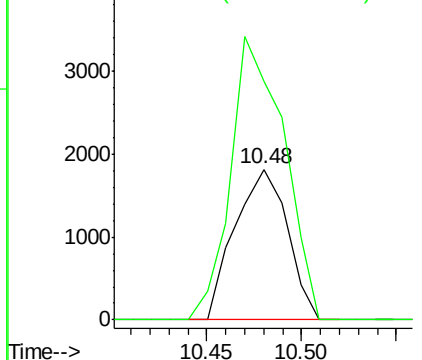


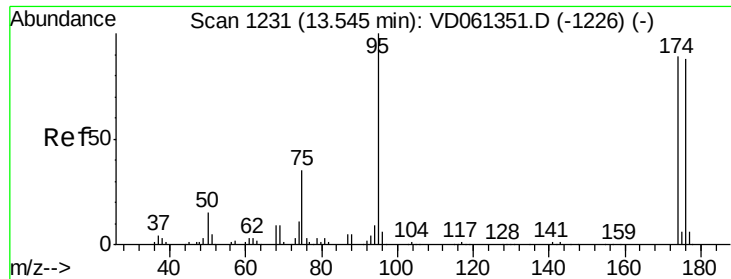
#52
Toluene
Concen: 1.286 ug/l
RT: 10.48 min Scan# 920
Delta R.T. -0.00 min
Lab File: VD061605.D
Acq: 5 Apr 2019 5:42

Tgt Ion: 92 Resp: 3497
Ion Ratio Lower Upper
92 100
91 158.0 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VD061351.D (-913) (-)
Ion 91.00 (90.70 to 91.70): VD061351.D (-913) (-)

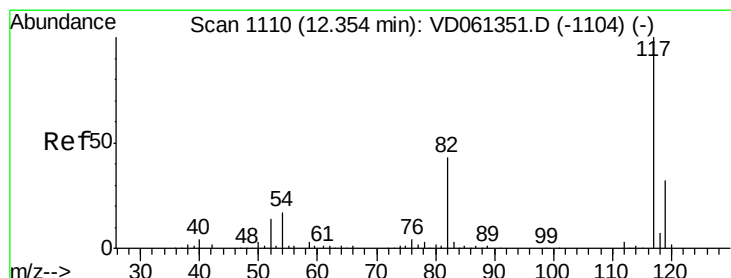
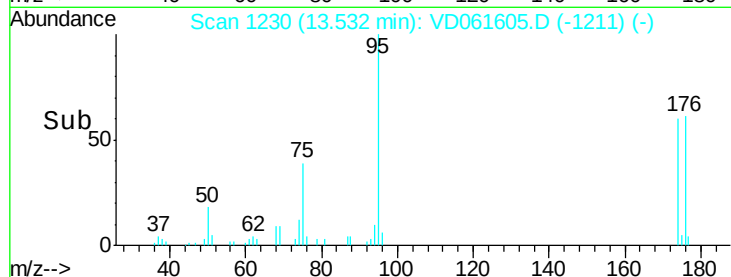
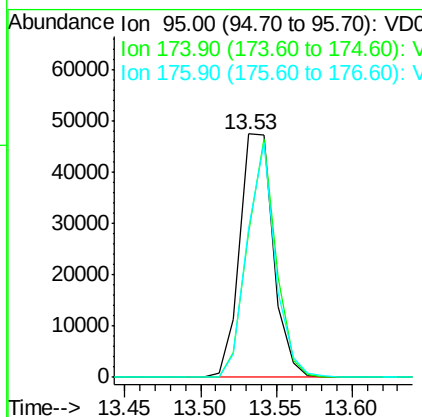
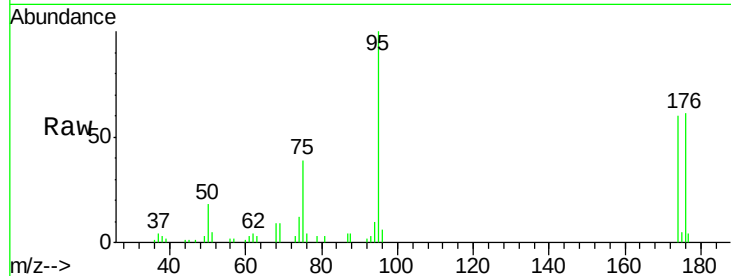




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.53 min Scan# 1230
Delta R.T. -0.01 min
Lab File: VD061605.D
Acq: 5 Apr 2019 5:42

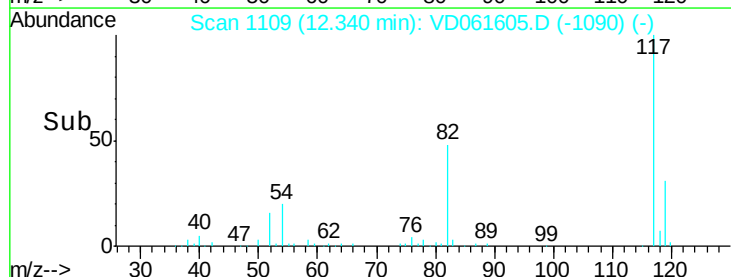
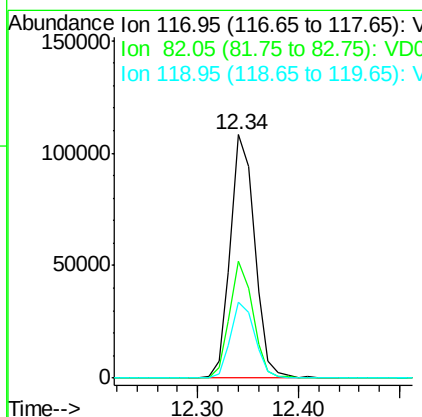
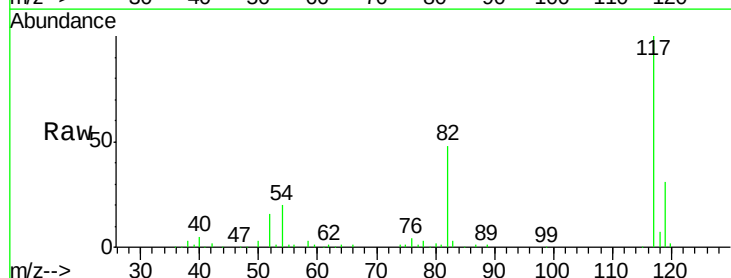
Instrument :
MSVOA_D
ClientSampleId :
SP-1-B

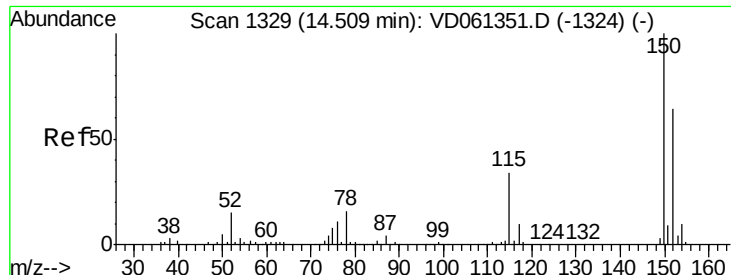
Tot Ion: 95 Resp: 73054
Ion Ratio Lower Upper
95 100
174 59.8 0.0 178.0
176 61.2 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.34 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD061605.D
Acq: 5 Apr 2019 5:42

Tgt Ion: 117 Resp: 182082
Ion Ratio Lower Upper
117 100
82 48.1 34.4 51.6
119 31.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD061605.D

Acq: 5 Apr 2019 5:42

Instrument :

MSVOA_D

ClientSampleId :

SP-1-B

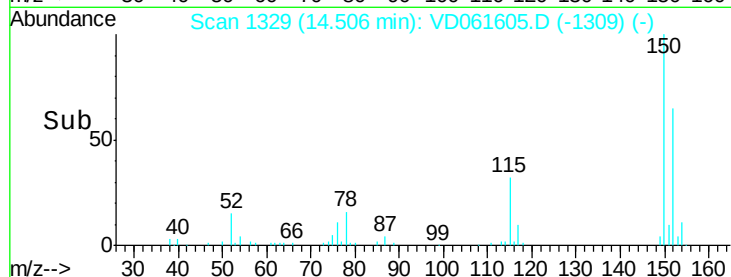
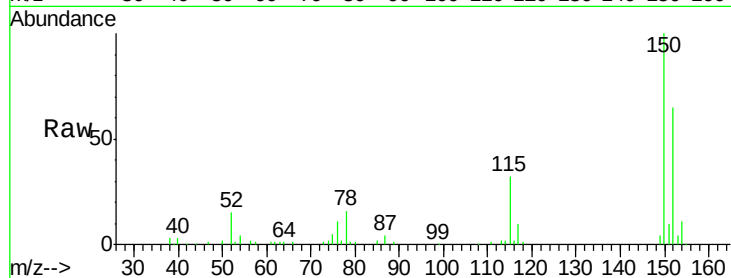
Tot Ion:152 Resp: 65756

Ion Ratio Lower Upper

152 100

115 49.2 26.9 80.6

150 152.7 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

