

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060359.D
 Acq On : 13 Nov 2018 14:34
 Operator : JC/SY
 Sample : J5901-03
 Misc : 6.23g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-S

Quant Time: Nov 14 12:42:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

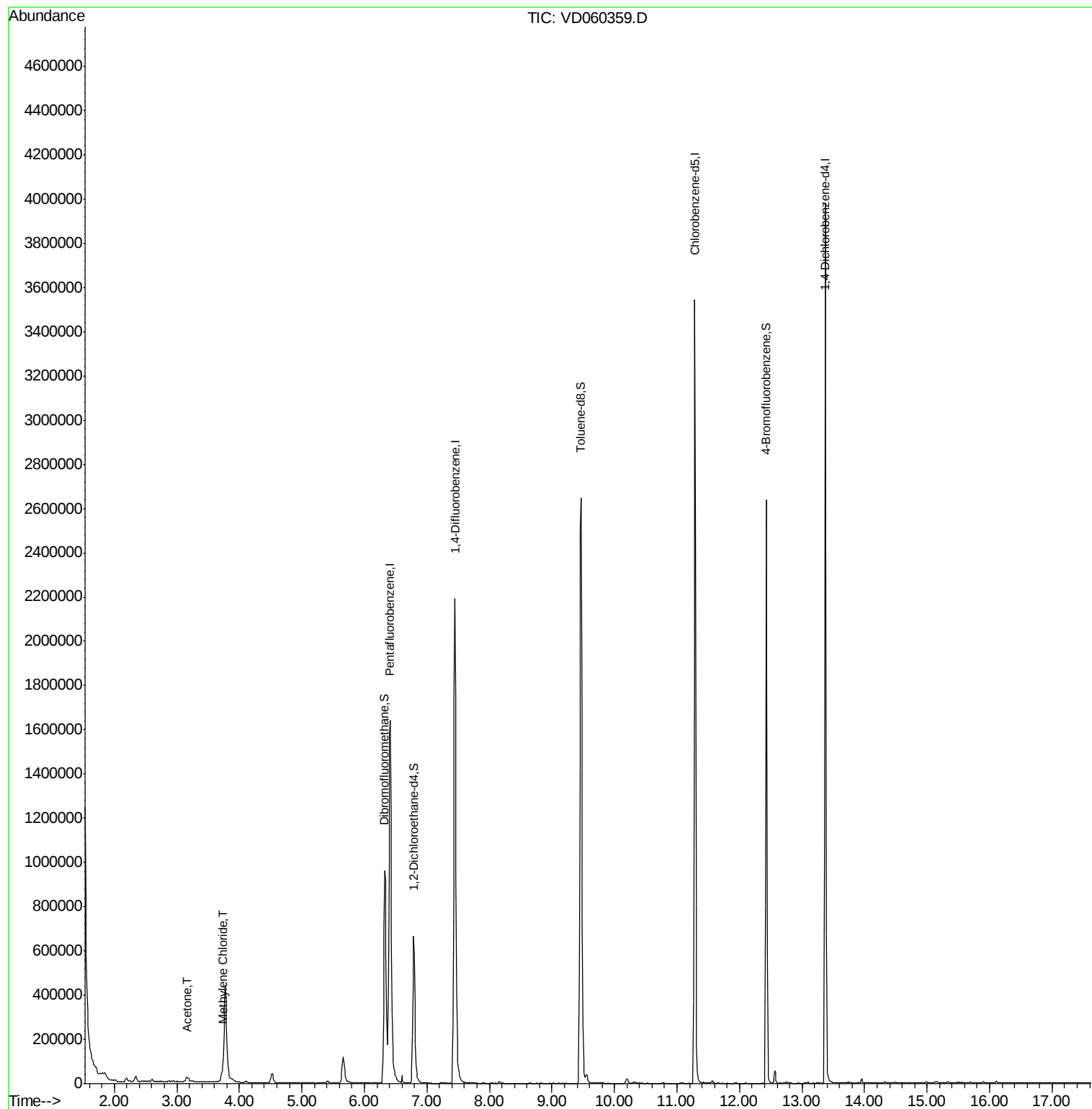
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1628763	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	2253158	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1860797	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	937870	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	541042	46.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.78%	
35) Dibromofluoromethane	6.32	113	763956	45.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.94%	
50) Toluene-d8	9.46	98	2167180	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	12.43	95	754841	42.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.72%	
Target Compounds						
16) Acetone	3.17	43	54511	26.947	ug/l	Qvalue 100
20) Methylene Chloride	3.73	84	22048	1.229	ug/l #	96

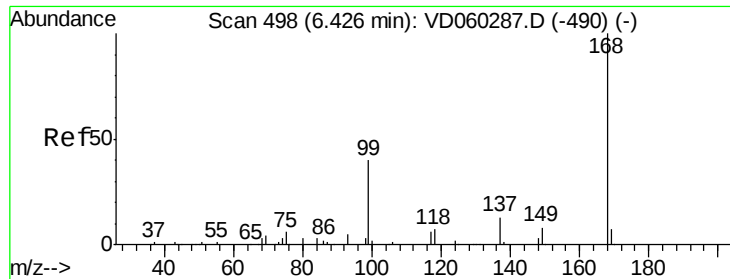
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060359.D

Acq: 13 Nov 2018 14:34

Instrument :

MSVOA_D

ClientSampleId :

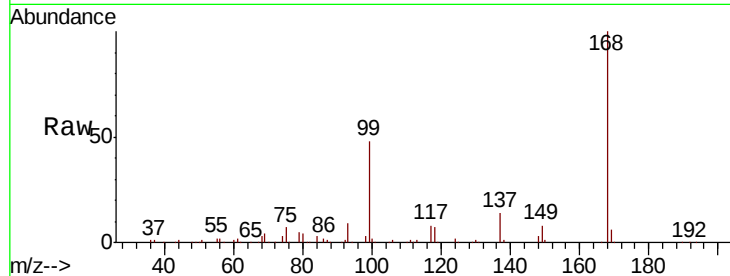
S-S

Tot Ion:168 Resp: 1628763

Ion Ratio Lower Upper

168 100

99 47.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

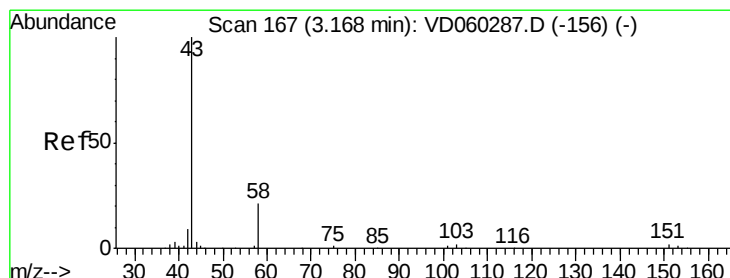
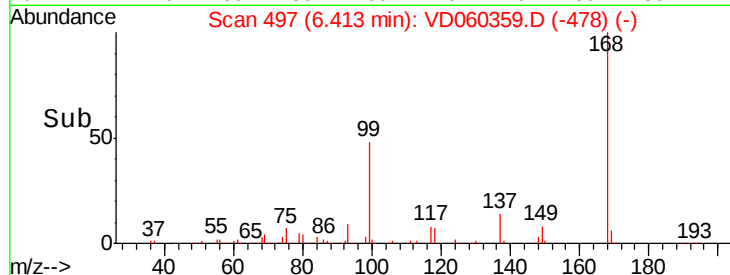
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 26.947 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060359.D

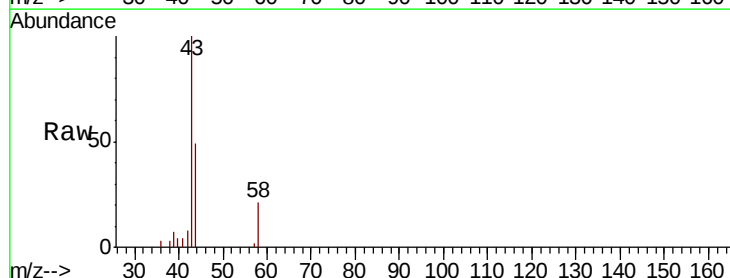
Acq: 13 Nov 2018 14:34

Tgt Ion: 43 Resp: 54511

Ion Ratio Lower Upper

43 100

58 21.0 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

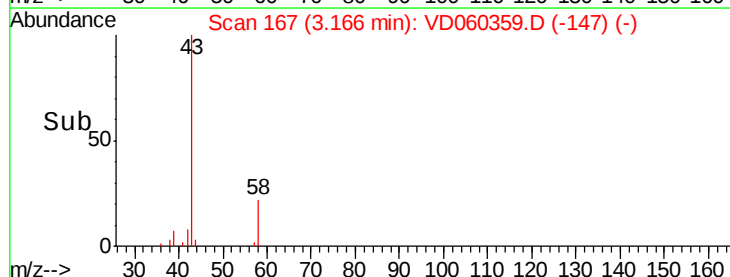
15000

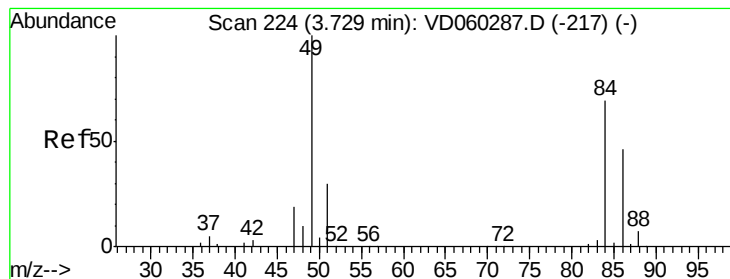
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 1.229 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD060359.D

Acq: 13 Nov 2018 14:34

Instrument :

MSVOA_D

ClientSampleId :

S-S

Tot Ion: 84 Resp: 22048

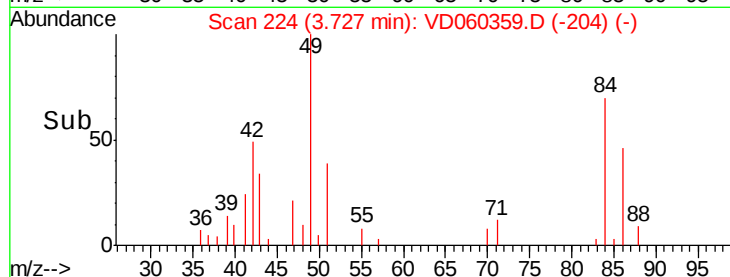
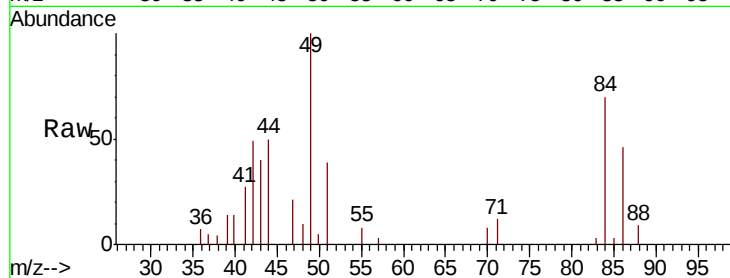
Ion Ratio Lower Upper

84 100

49 142.8 115.6 173.4

51 56.3 35.6 53.4#

86 65.4 52.3 78.5

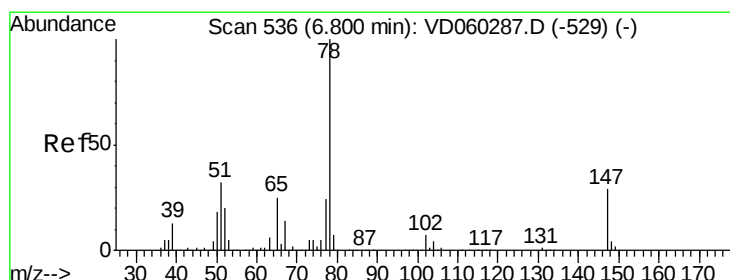
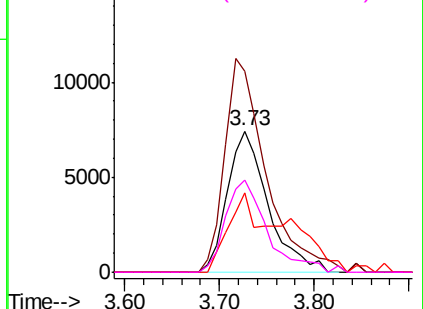


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060359.D

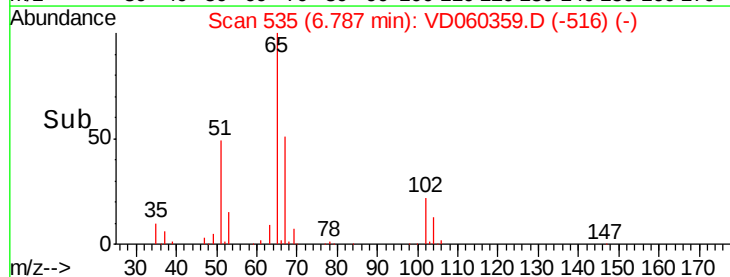
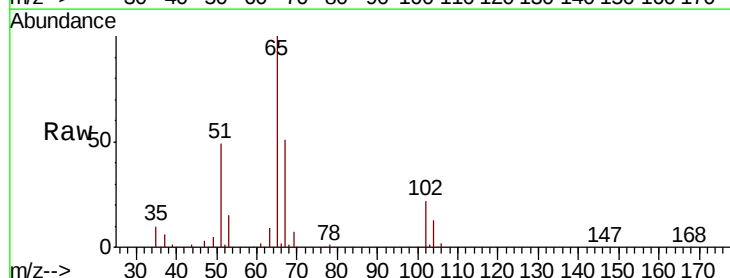
Acq: 13 Nov 2018 14:34

Tgt Ion: 65 Resp: 541042

Ion Ratio Lower Upper

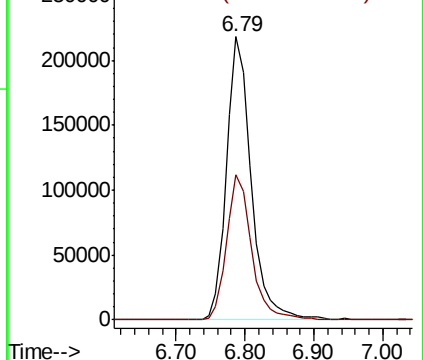
65 100

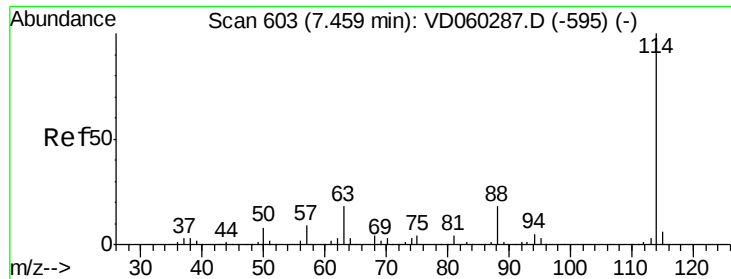
67 51.3 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

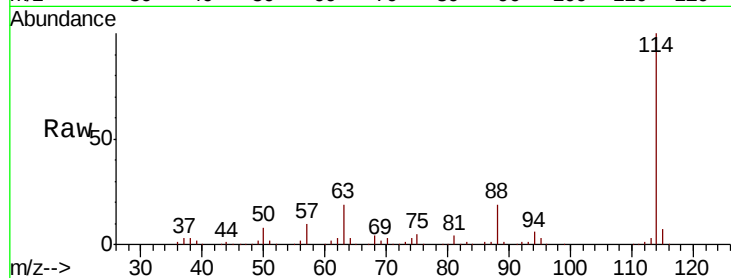




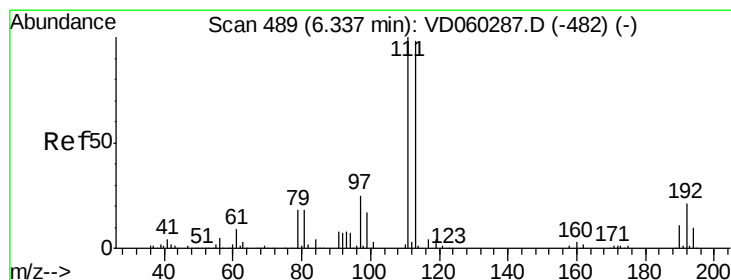
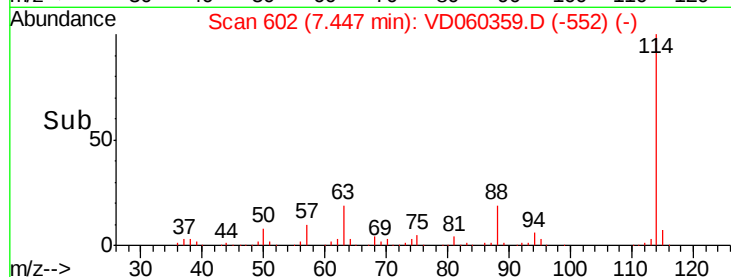
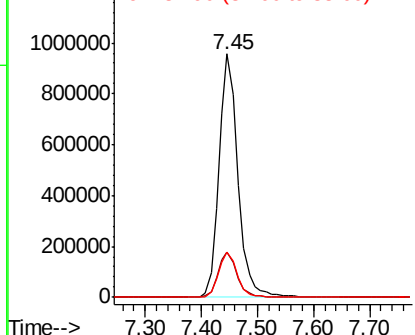
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
S-S

Tot Ion:114 Resp: 2253158
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.0
88 18.5 0.0 35.4

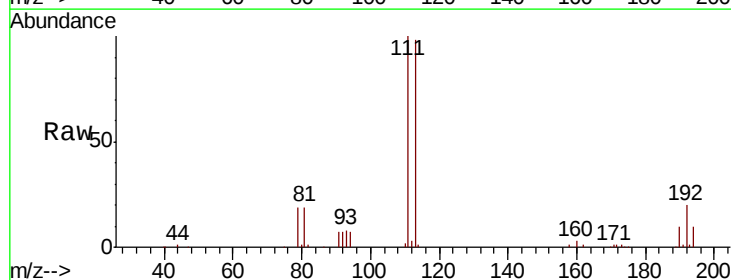


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

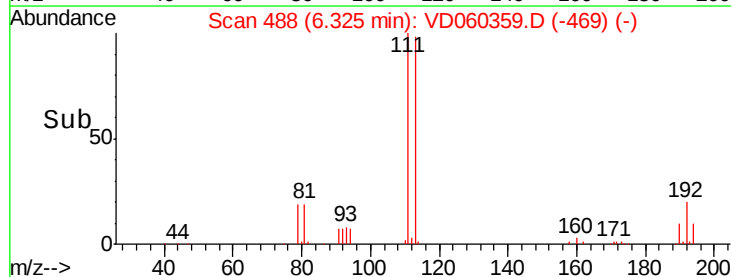
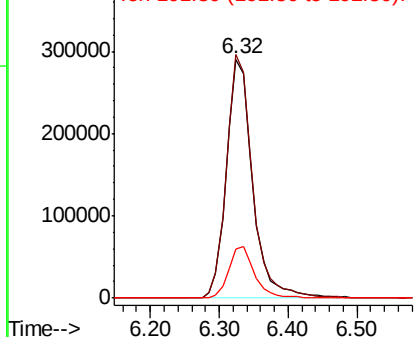


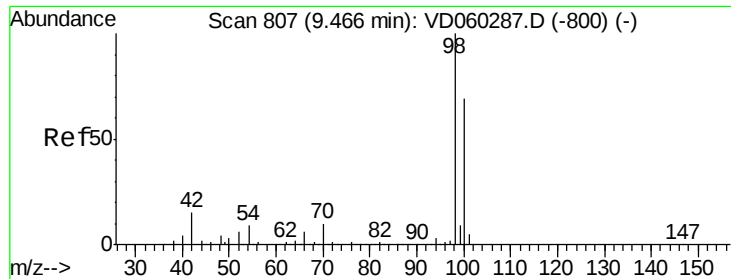
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion:113 Resp: 763956
Ion Ratio Lower Upper
113 100
111 101.9 81.6 122.4
192 20.7 16.5 24.7



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

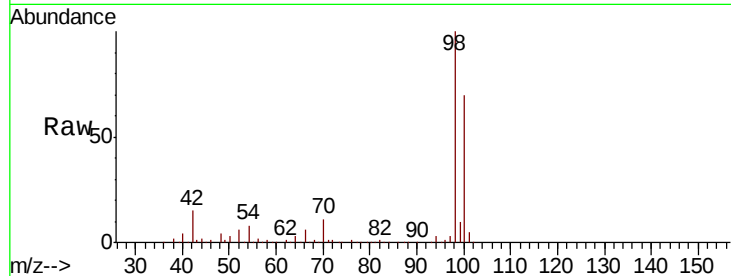




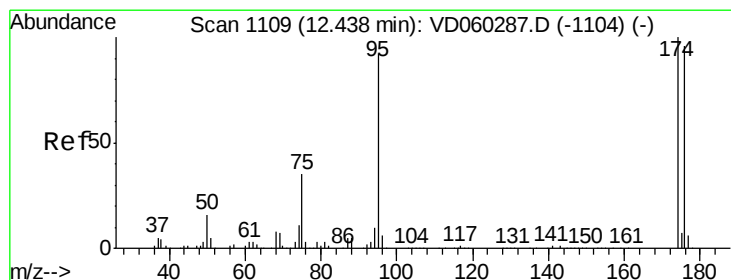
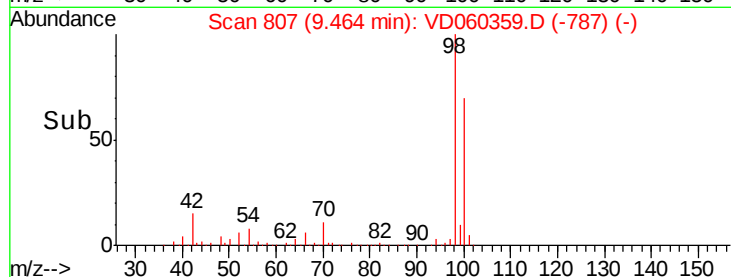
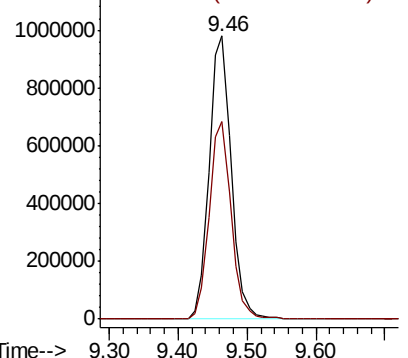
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument :
MSVOA_D
ClientSampled :
S-S

Tot Ion: 98 Resp: 2167180
Ion Ratio Lower Upper
98 100
100 69.9 55.2 82.8

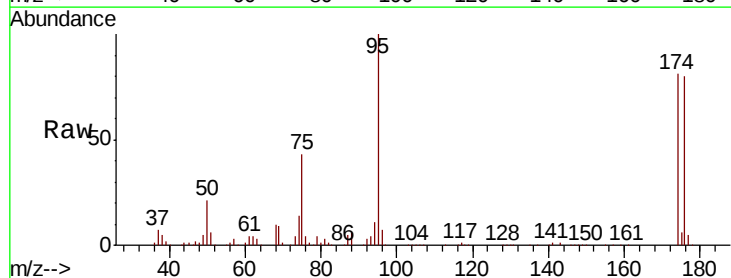


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

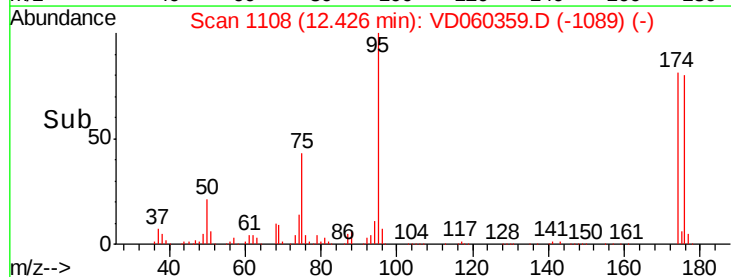
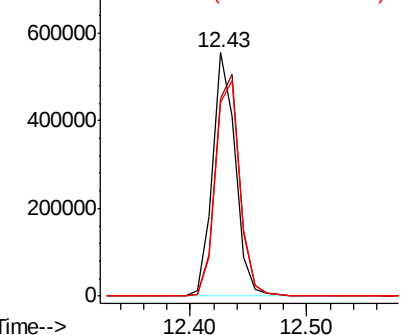


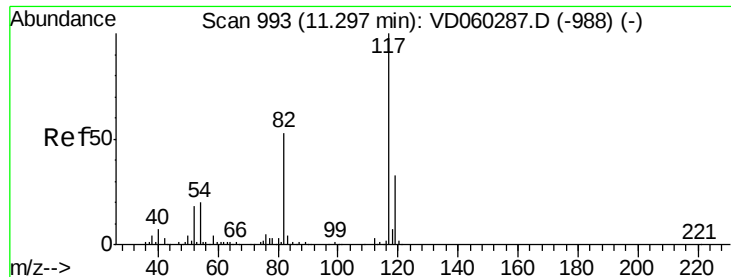
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion: 95 Resp: 754841
Ion Ratio Lower Upper
95 100
174 81.1 0.0 160.8
176 79.8 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

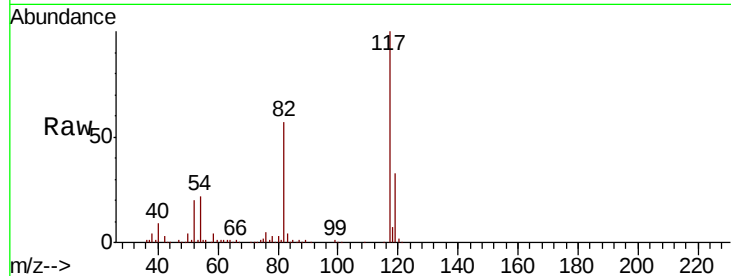




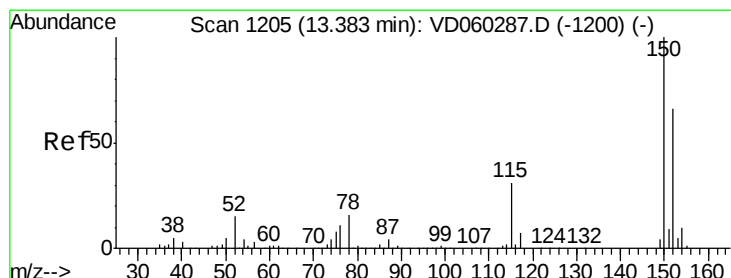
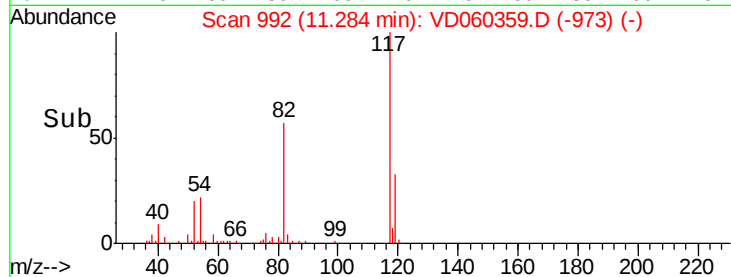
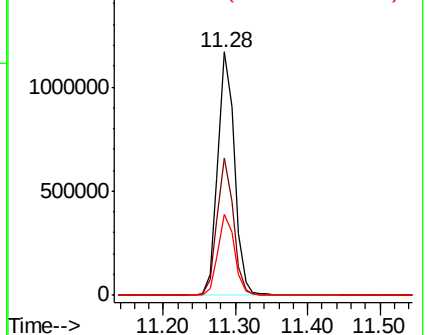
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
S-S

Tot Ion:117 Resp: 1860797
Ion Ratio Lower Upper
117 100
82 56.6 43.7 65.5
119 33.3 26.1 39.1

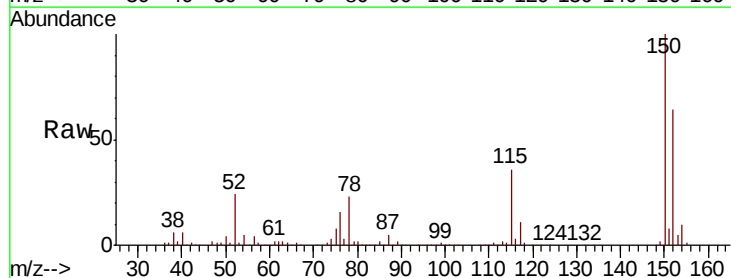


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion:152 Resp: 937870
Ion Ratio Lower Upper
152 100
115 56.2 24.1 72.3
150 156.1 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

