

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110918\
 Data File : VD060312.D
 Acq On : 9 Nov 2018 15:13
 Operator : VA/AP
 Sample : J5269-06
 Misc : 4.85g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-S

Quant Time: Nov 12 03:05:33 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

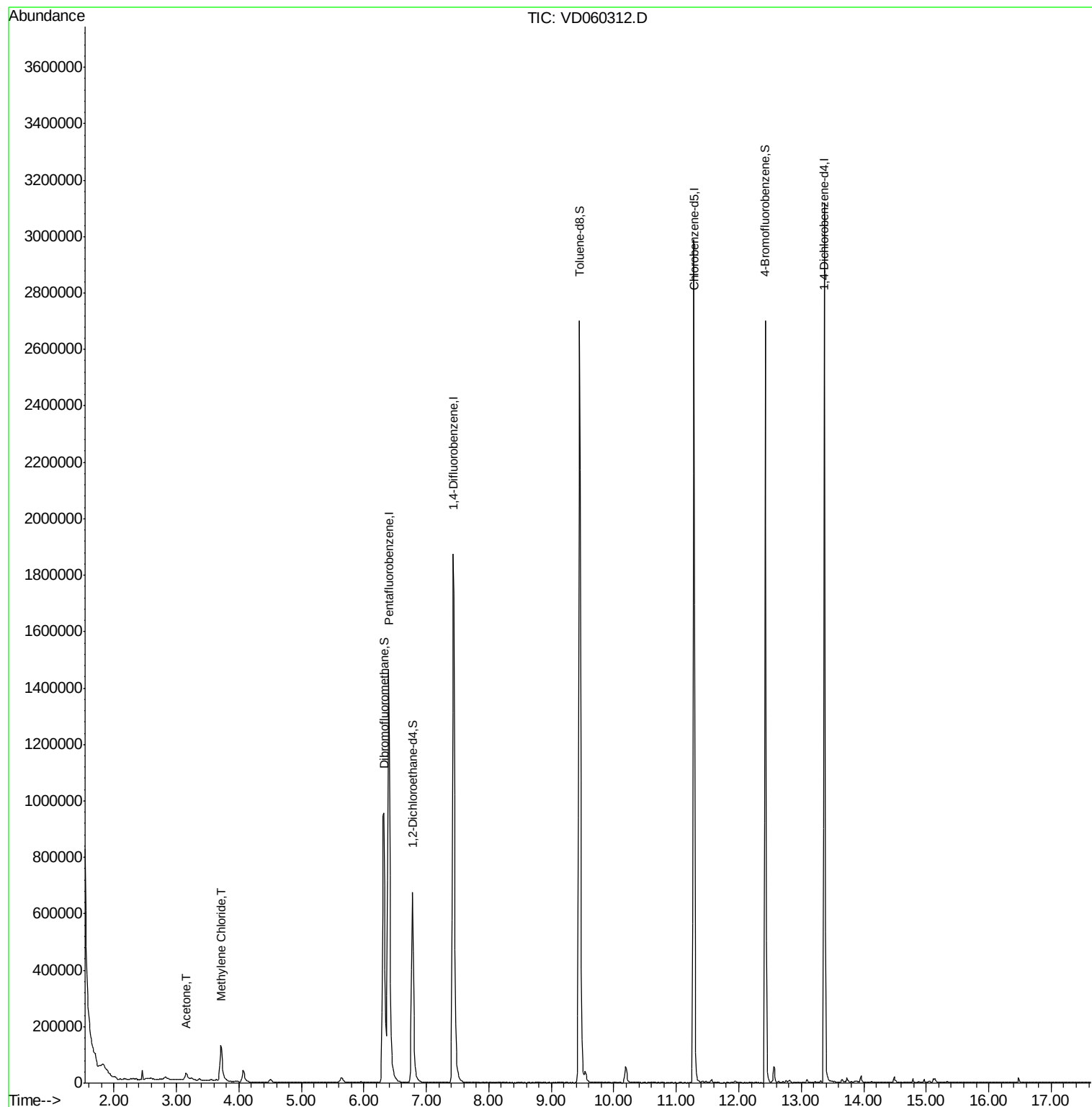
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1450107	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	2009057	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.28	117	1596189	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	752711	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	580749	55.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.86%	
35) Dibromofluoromethane	6.32	113	781979	52.20	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	9.45	98	2159354	49.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.42	95	750617	47.24	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.48%	
Target Compounds						
16) Acetone	3.15	43	47553	26.403	ug/l #	89
20) Methylene Chloride	3.71	84	84057	5.261	ug/l	97

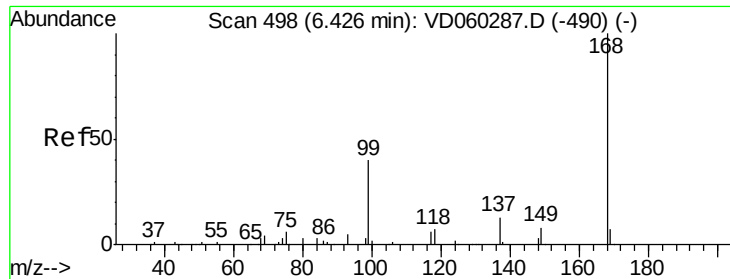
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.03 min

Lab File: VD060312.D

Acq: 9 Nov 2018 15:13

Instrument :

MSVOA_D

ClientSampleId :

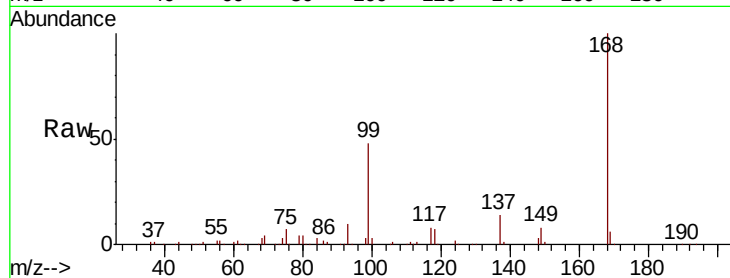
SB-12-S

Tot Ion:168 Resp: 1450107

Ion Ratio Lower Upper

168 100

99 48.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

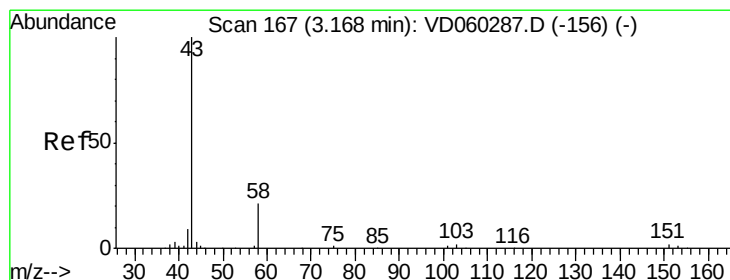
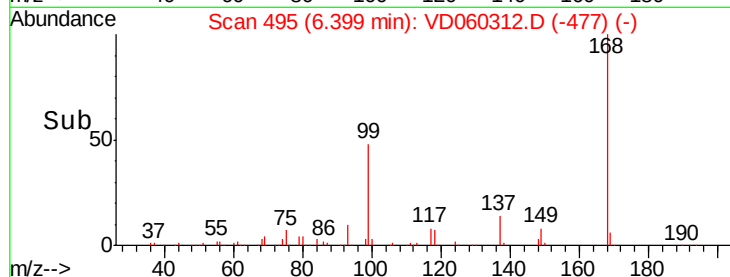
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 26.403 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060312.D

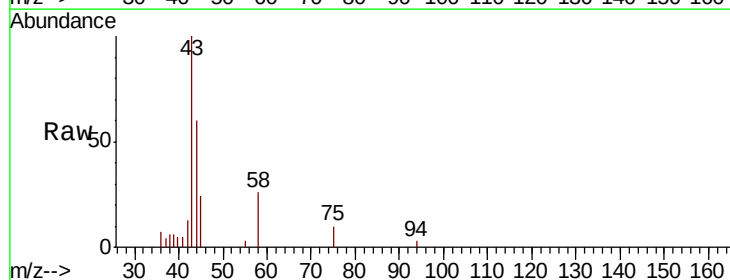
Acq: 9 Nov 2018 15:13

Tgt Ion: 43 Resp: 47553

Ion Ratio Lower Upper

43 100

58 26.5 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

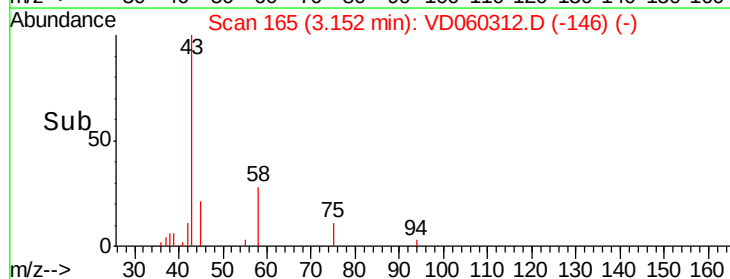
15000

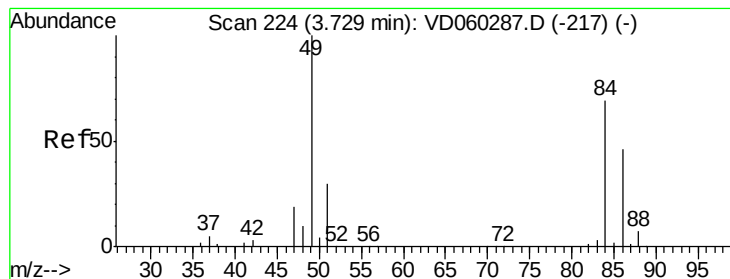
10000

5000

0

Time-->





#20

Methvlene Chloride

Concen: 5.261 ug/l

RT: 3.71 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD060312.D

Acq: 9 Nov 2018 15:13

Instrument :

MSVOA_D

ClientSampleId :

SB-12-S

Tot Ion: 84 Resp: 84057

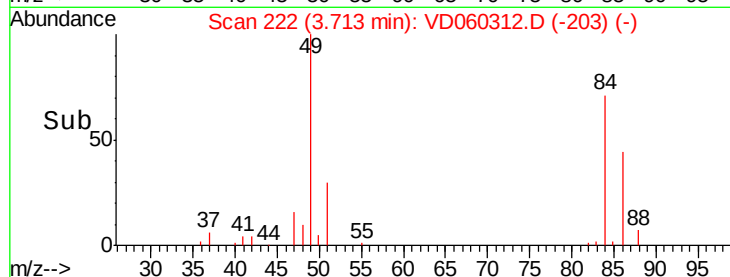
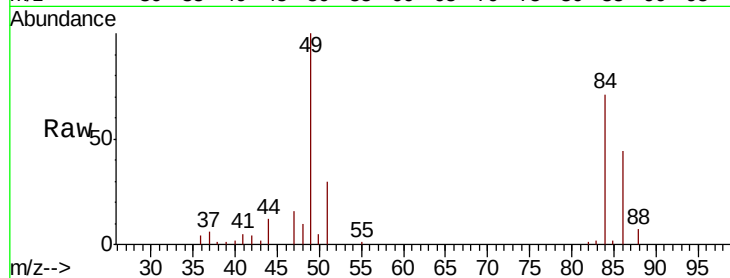
Ion Ratio Lower Upper

84 100

49 141.1 115.6 173.4

51 41.7 35.6 53.4

86 62.0 52.3 78.5

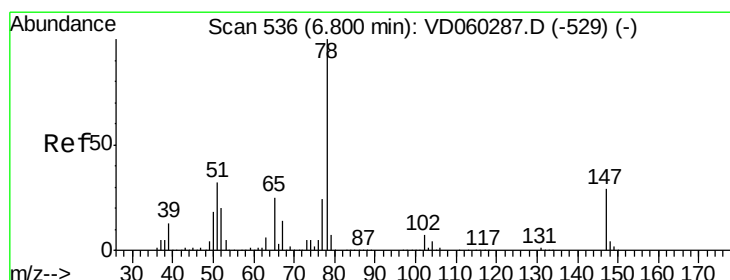
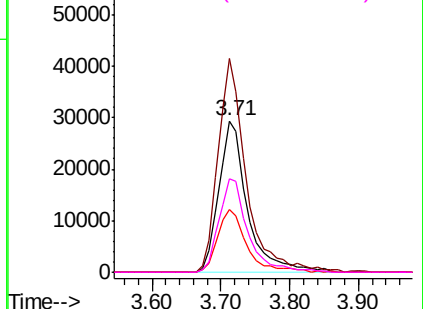


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060312.D

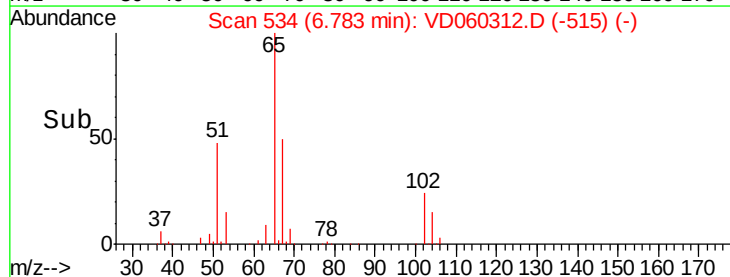
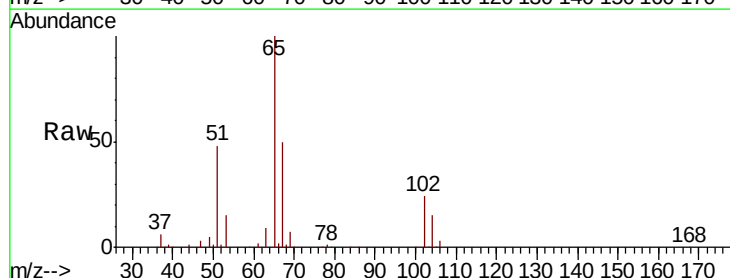
Acq: 9 Nov 2018 15:13

Tgt Ion: 65 Resp: 580749

Ion Ratio Lower Upper

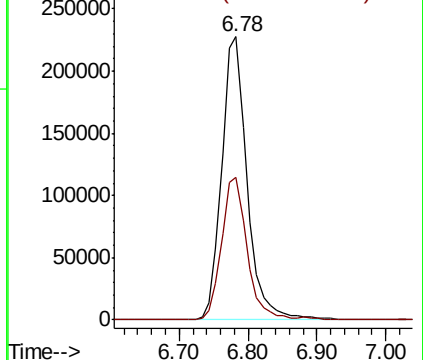
65 100

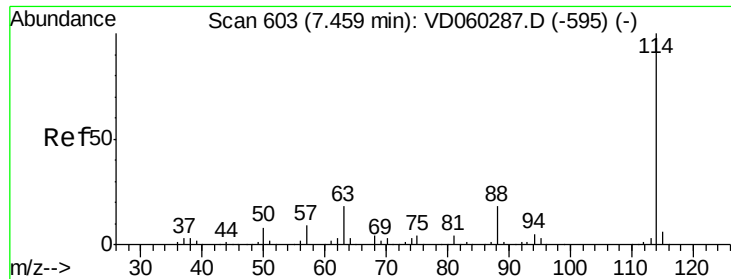
67 50.2 0.0 109.8



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: 7.43 min Scan# 600

Delta R.T. -0.03 min

Lab File: VD060312.D

Acq: 9 Nov 2018 15:13

Instrument :

MSVOA_D

ClientSampled :

SB-12-S

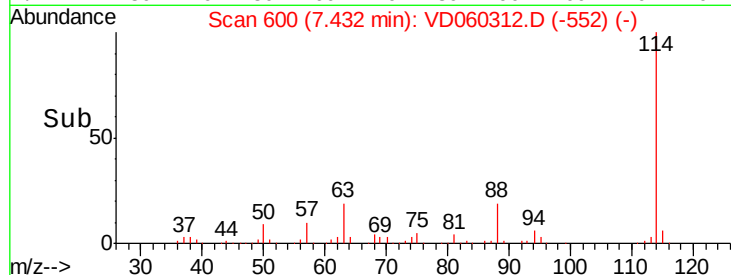
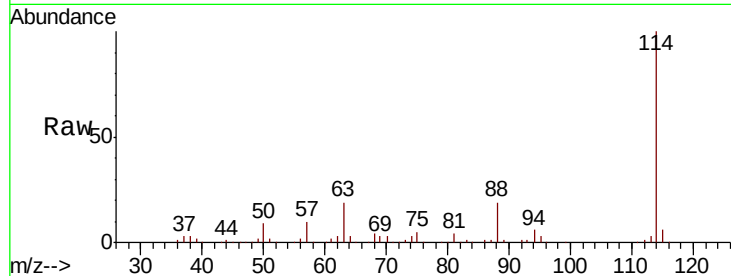
Tot Ion:114 Resp: 2009057

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

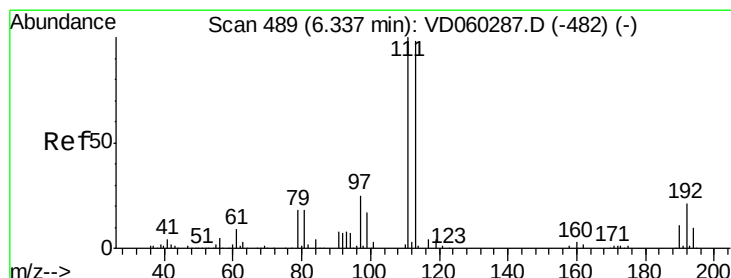
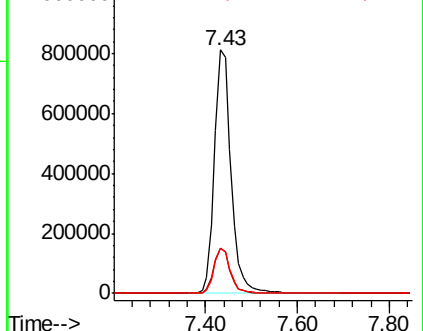
88 18.5 0.0 35.4



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# 487

Delta R.T. -0.02 min

Lab File: VD060312.D

Acq: 9 Nov 2018 15:13

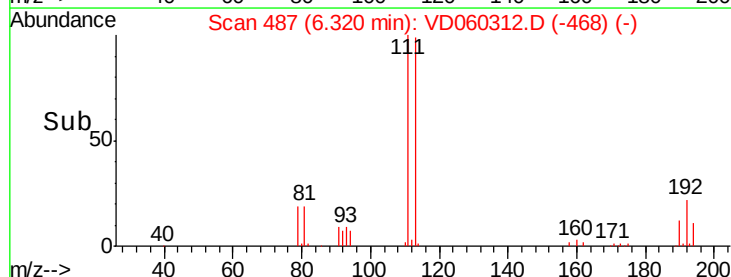
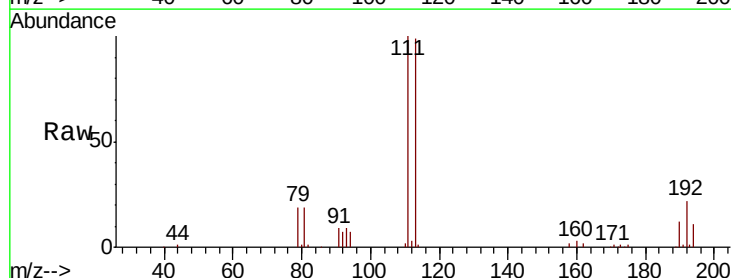
Tgt Ion:113 Resp: 781979

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

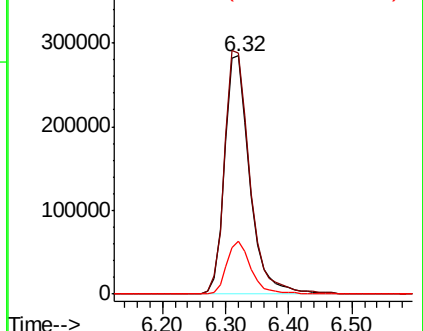
192 22.0 16.5 24.7

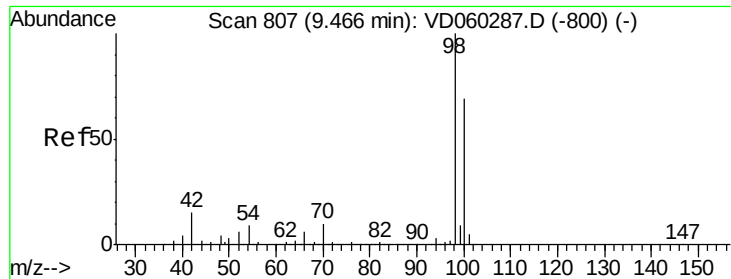


Abundance Ion 112.90 (112.60 to 113.60): V

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: 9.45 min Scan# 805

Delta R.T. -0.02 min

Lab File: VD060312.D

Acq: 9 Nov 2018 15:13

Instrument :

MSVOA_D

ClientSampled :

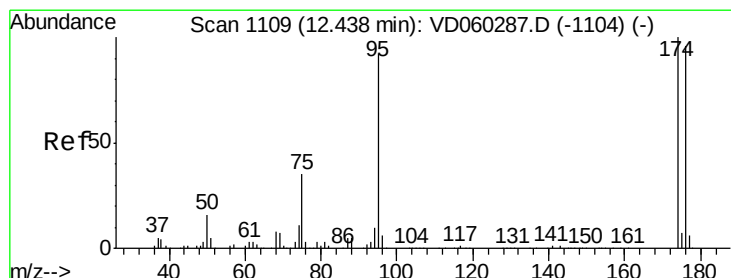
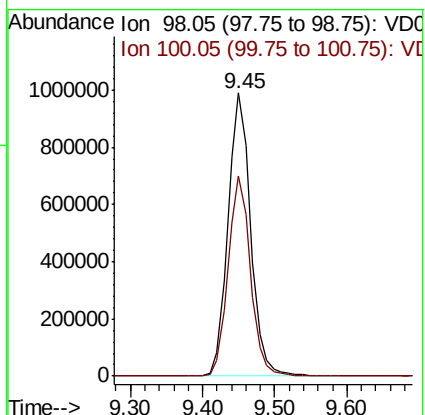
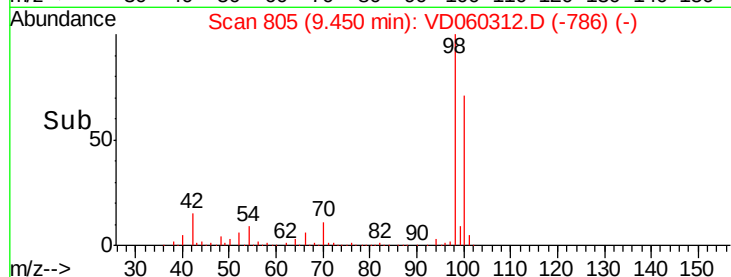
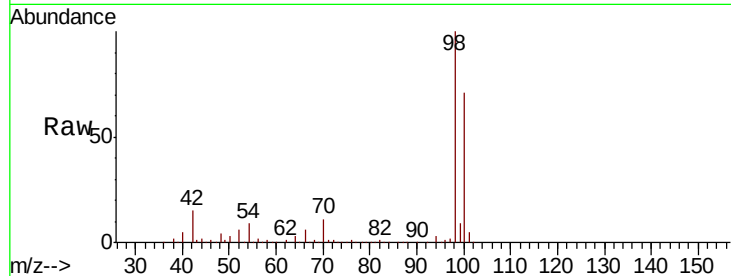
SB-12-S

Tot Ion: 98 Resp: 2159354

Ion Ratio Lower Upper

98 100

100 70.8 55.2 82.8



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060312.D

Acq: 9 Nov 2018 15:13

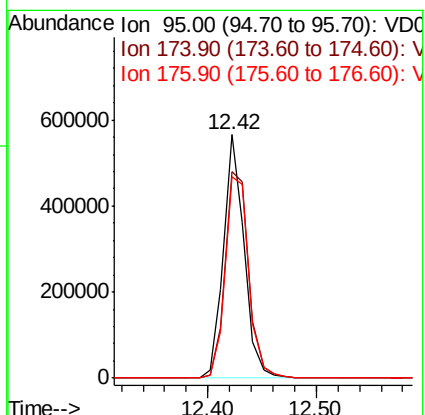
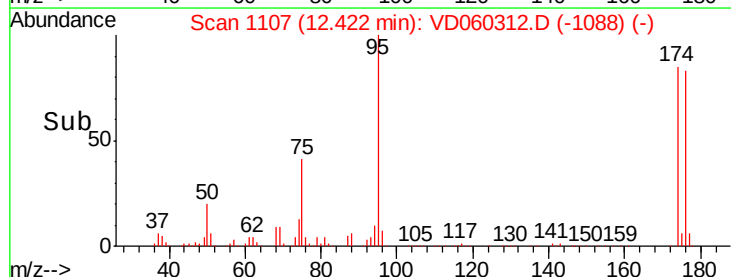
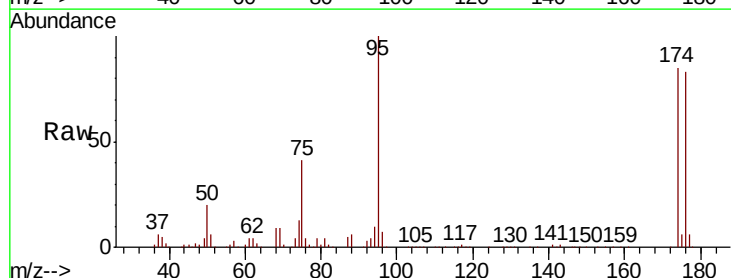
Tgt Ion: 95 Resp: 750617

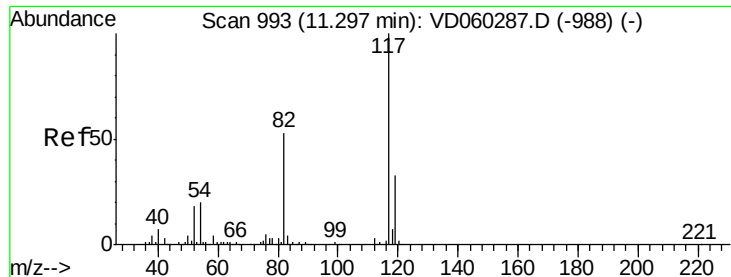
Ion Ratio Lower Upper

95 100

174 84.8 0.0 160.8

176 82.8 0.0 154.6

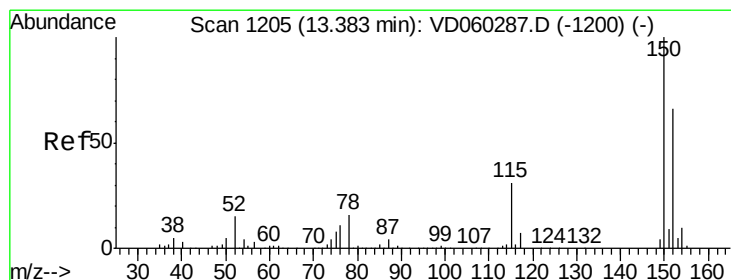
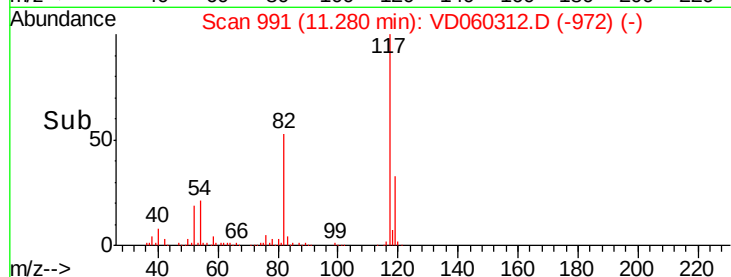
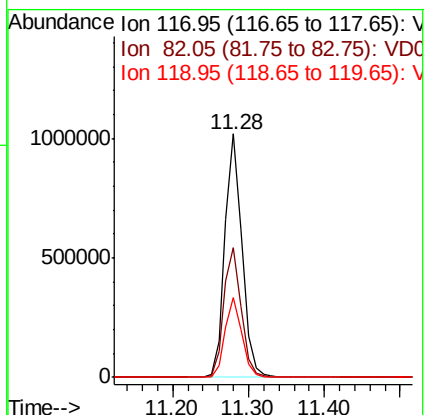
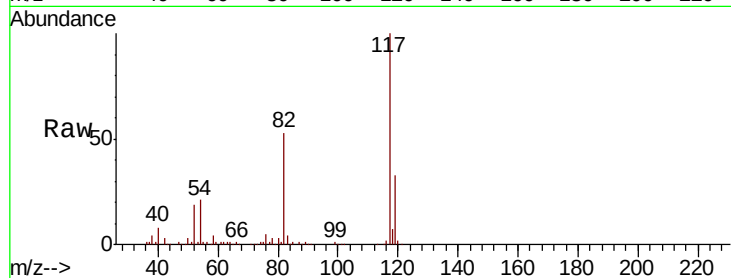




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.02 min
Lab File: VD060312.D
Acq: 9 Nov 2018 15:13

Instrument :
MSVOA_D
ClientSampleId :
SB-12-S

Tot Ion:117 Resp: 1596189
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060312.D
Acq: 9 Nov 2018 15:13

Tgt Ion:152 Resp: 752711
Ion Ratio Lower Upper
152 100
115 55.7 24.1 72.3
150 156.0 0.0 310.6

