

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110918\
 Data File : VD060314.D
 Acq On : 9 Nov 2018 16:09
 Operator : VA/AP
 Sample : J5269-13
 Misc : 4.24g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13-S

Quant Time: Nov 12 03:10:46 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

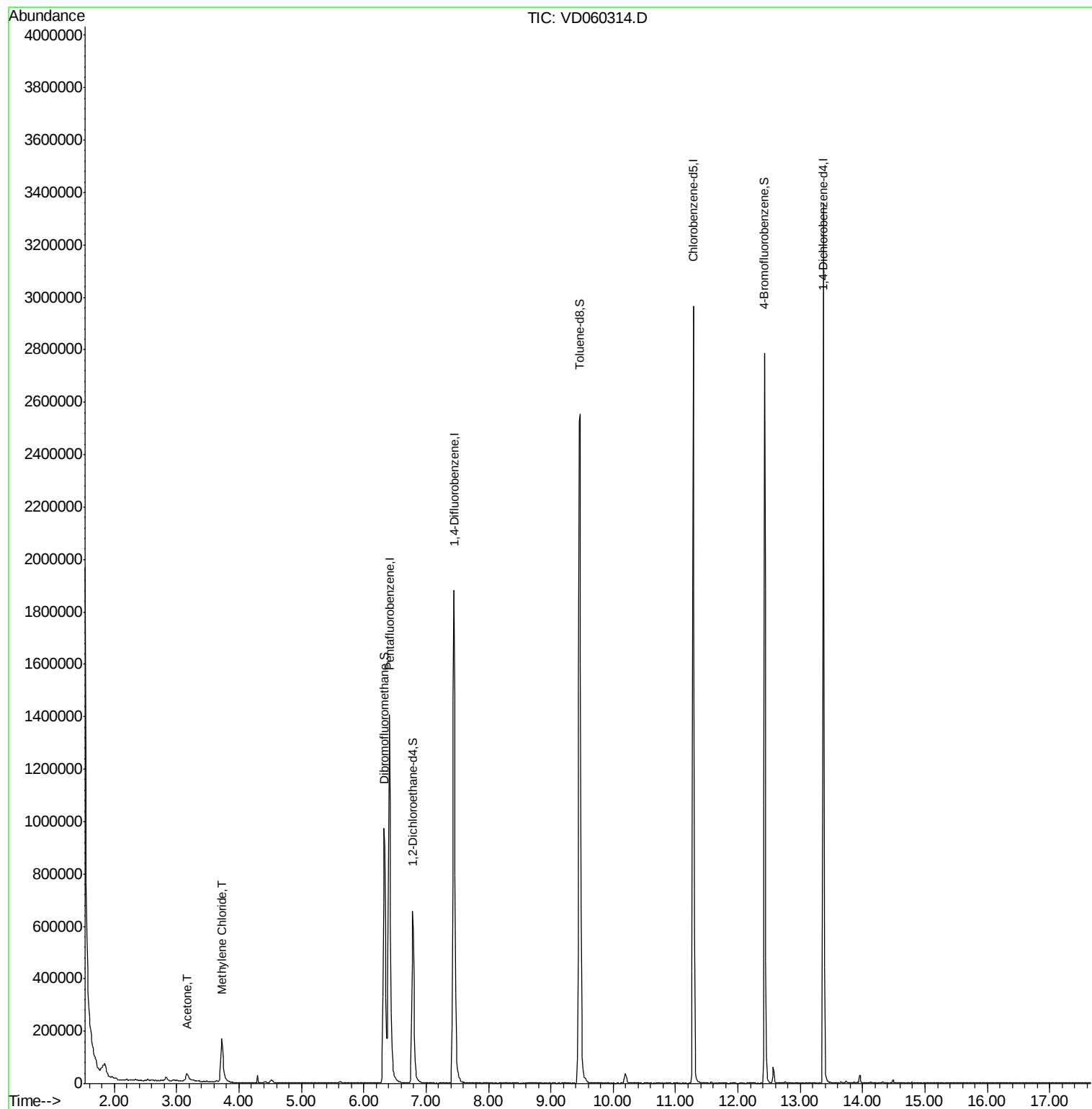
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1386680	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1916438	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1562386	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	778931	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	552586	55.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.30%	
35) Dibromofluoromethane	6.32	113	773604	54.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.26%	
50) Toluene-d8	9.46	98	2162021	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.43	95	757892	50.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.02%	
Target Compounds						
16) Acetone	3.17	43	66184	38.428	ug/l	95
20) Methylene Chloride	3.73	84	107744	7.052	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060314.D

Acq: 9 Nov 2018 16:09

Instrument :

MSVOA_D

ClientSampleId :

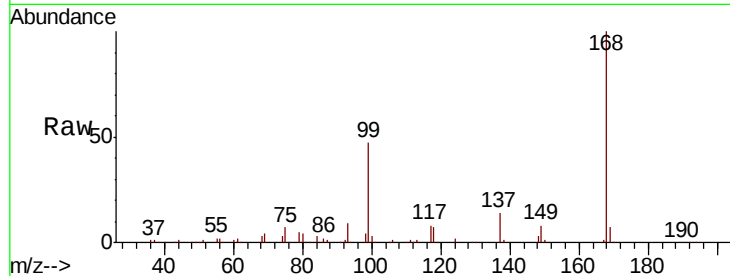
SB-13-S

Tot Ion:168 Resp: 1386680

Ion Ratio Lower Upper

168 100

99 47.3 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

500000

400000

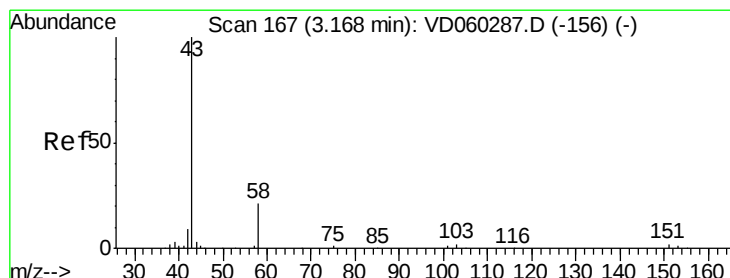
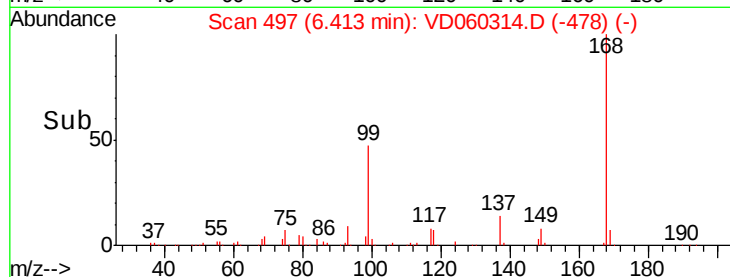
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 38.428 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060314.D

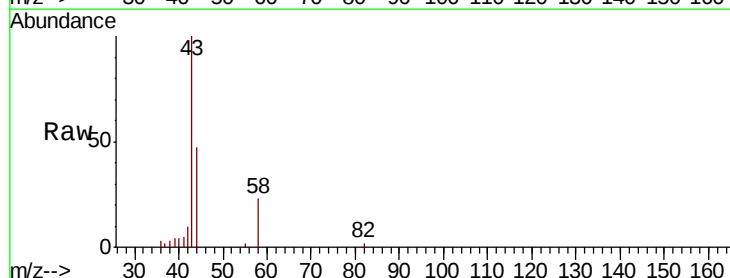
Acq: 9 Nov 2018 16:09

Tgt Ion: 43 Resp: 66184

Ion Ratio Lower Upper

43 100

58 23.3 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

20000

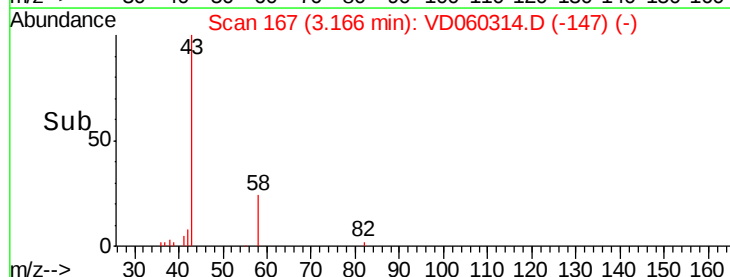
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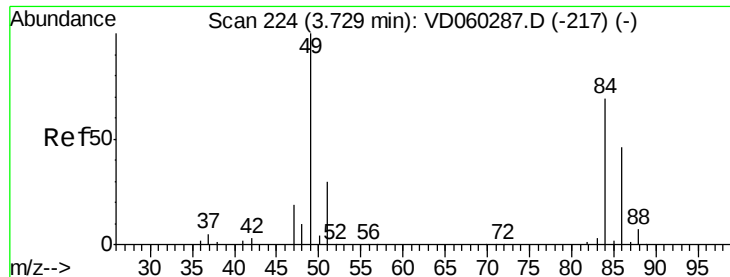
10000

5000

0

Time-->

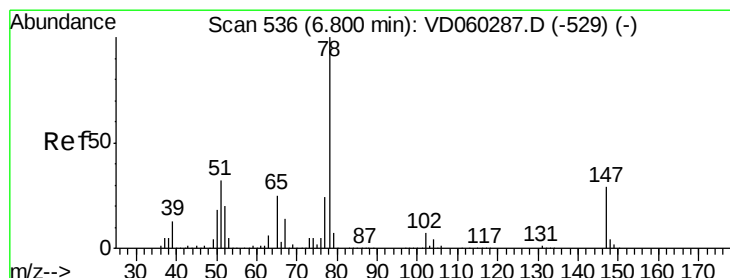
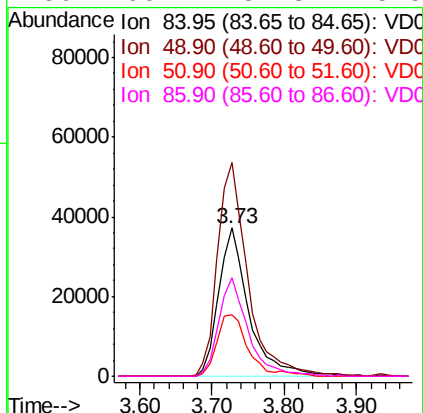
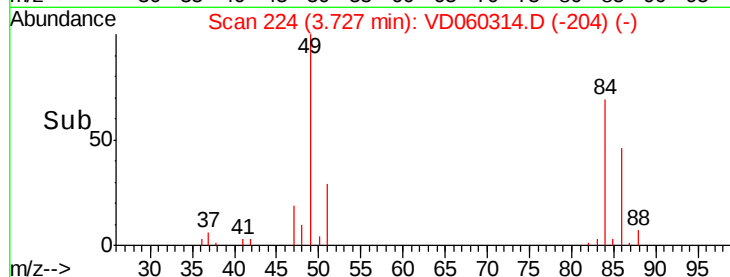
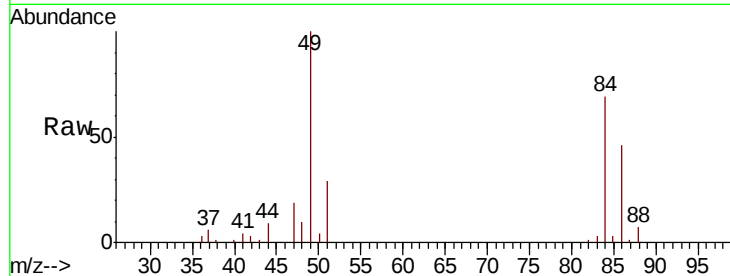




#20
Methvlene Chloride
Concen: 7.052 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060314.D
Acq: 9 Nov 2018 16:09

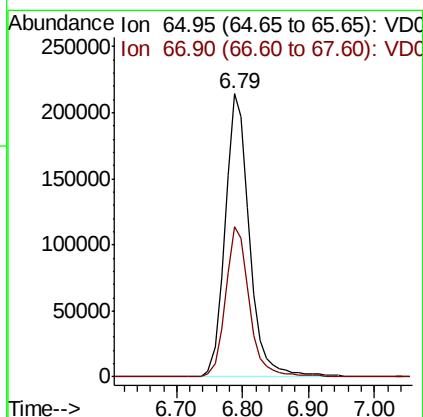
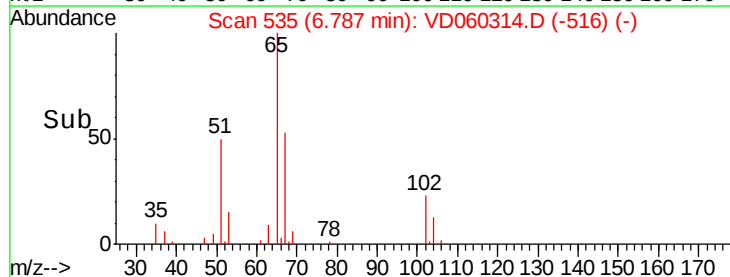
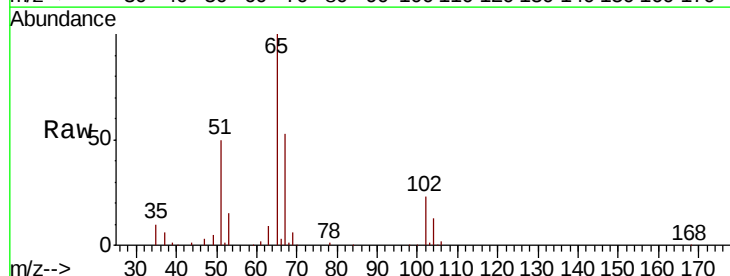
Instrument :
MSVOA_D
ClientSampleId :
SB-13-S

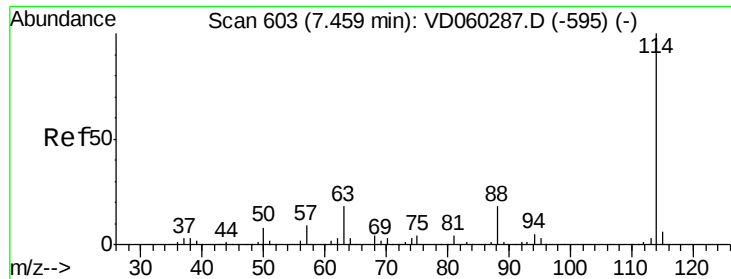
Tot Ion: 84 Resp: 107744
Ion Ratio Lower Upper
84 100
49 143.9 115.6 173.4
51 41.6 35.6 53.4
86 66.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060314.D
Acq: 9 Nov 2018 16:09

Tgt Ion: 65 Resp: 552586
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.8

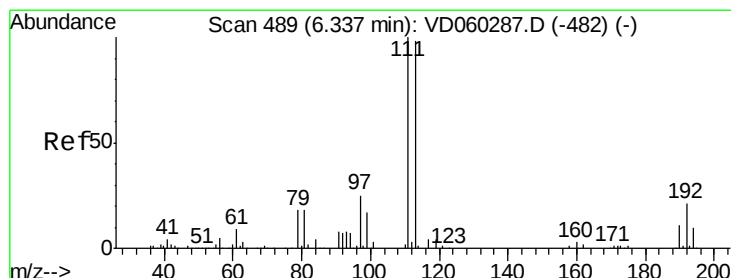
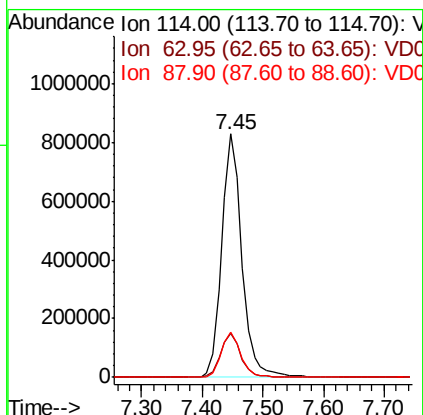
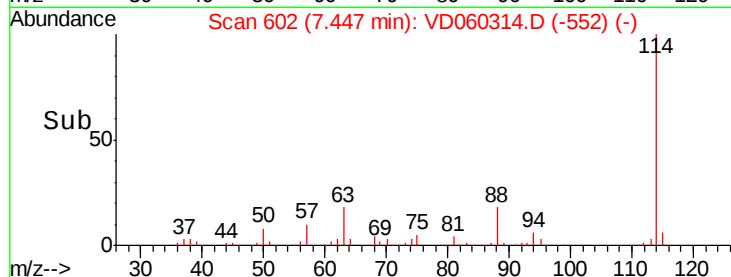
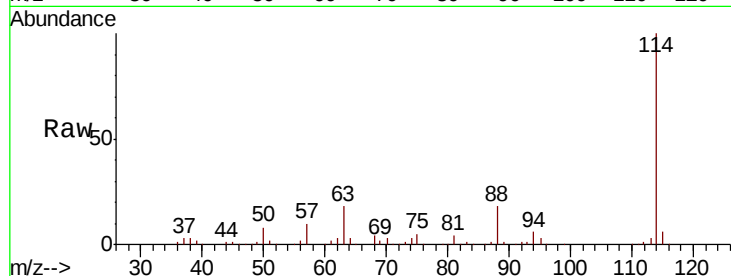




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060314.D
Acq: 9 Nov 2018 16:09

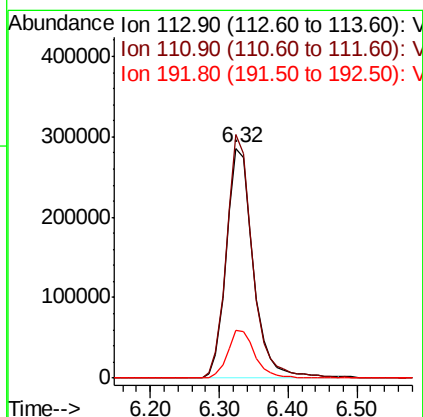
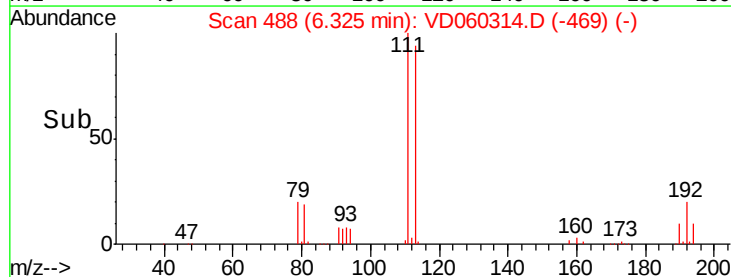
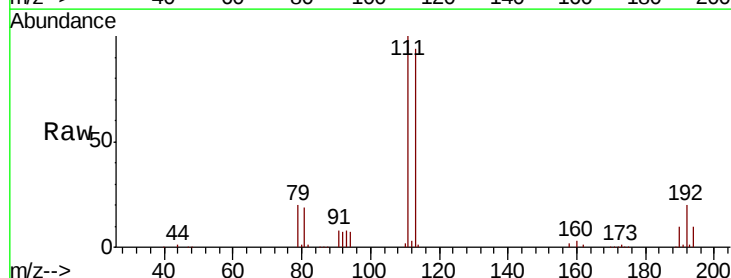
Instrument :
MSVOA_D
ClientSampled :
SB-13-S

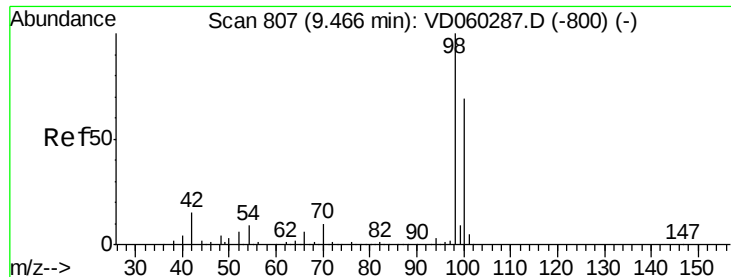
Tot Ion:114 Resp: 1916438
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.0
88 18.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060314.D
Acq: 9 Nov 2018 16:09

Tgt Ion:113 Resp: 773604
Ion Ratio Lower Upper
113 100
111 105.9 81.6 122.4
192 20.9 16.5 24.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060314.D

Acq: 9 Nov 2018 16:09

Instrument :

MSVOA_D

ClientSampleId :

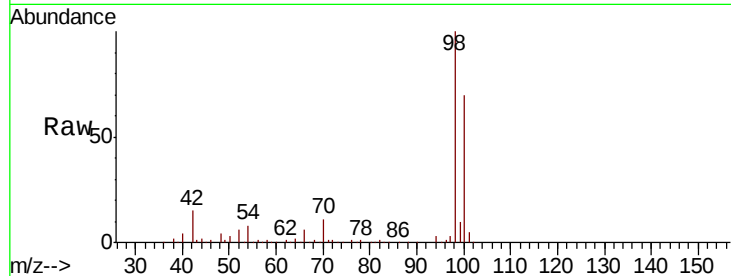
SB-13-S

Tot Ion: 98 Resp: 2162021

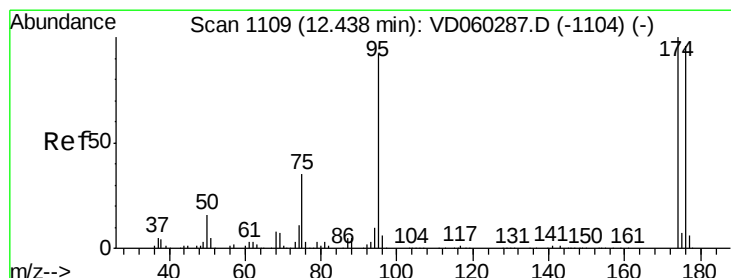
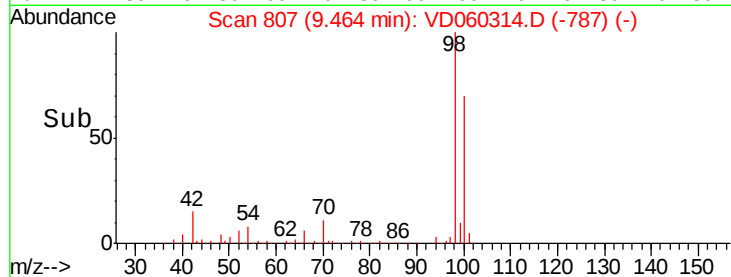
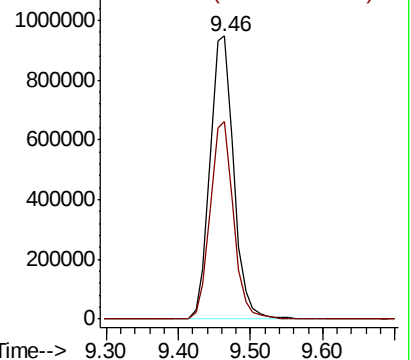
Ion Ratio Lower Upper

98 100

100 69.7 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD060314.D (-787) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060314.D

Acq: 9 Nov 2018 16:09

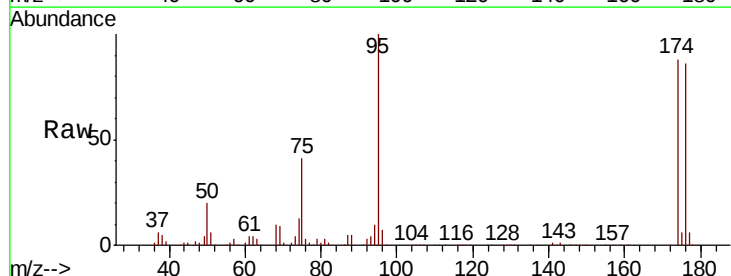
Tgt Ion: 95 Resp: 757892

Ion Ratio Lower Upper

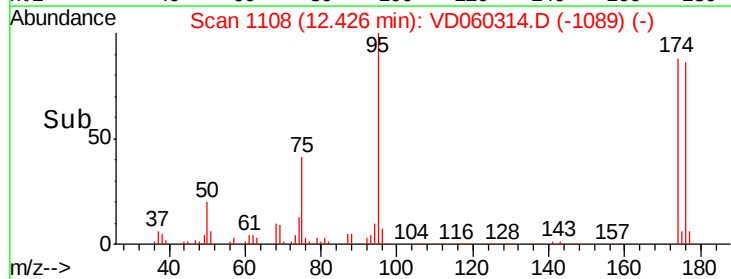
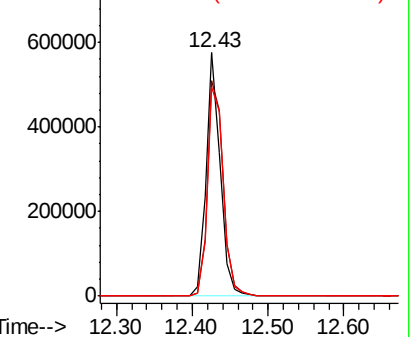
95 100

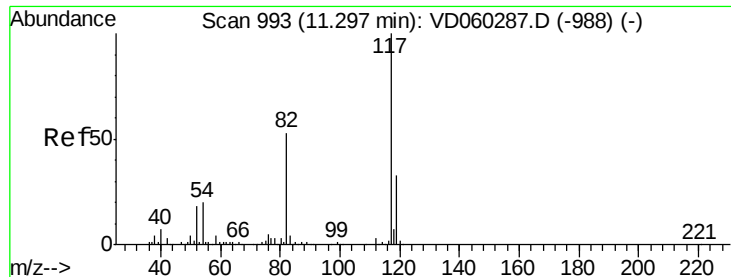
174 88.3 0.0 160.8

176 86.0 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VD060314.D (-1089) (-)

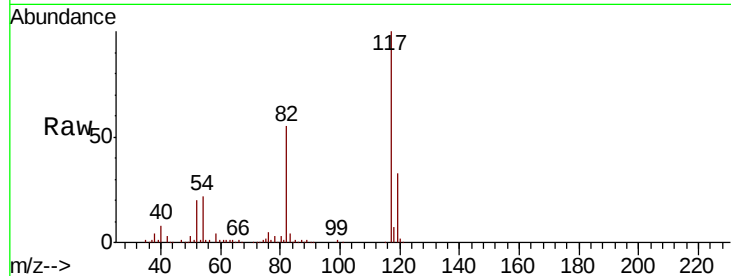




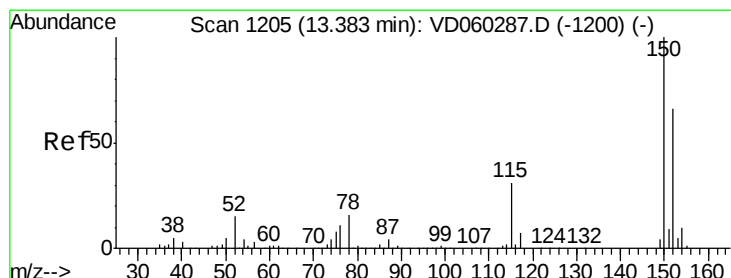
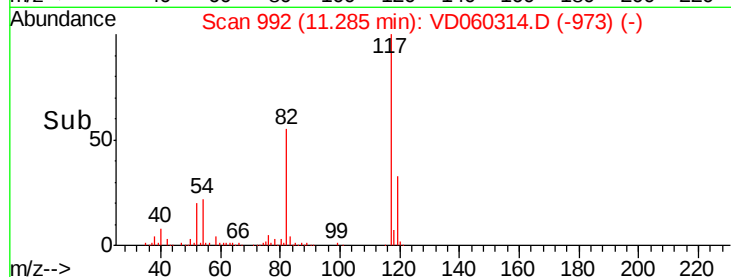
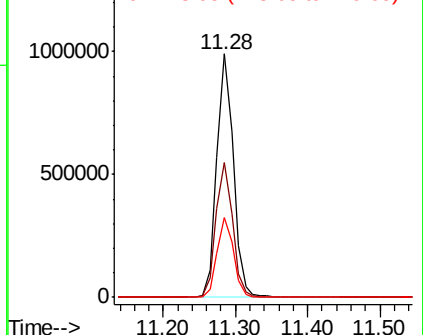
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060314.D
Acq: 9 Nov 2018 16:09

Instrument :
MSVOA_D
ClientSampleID :
SB-13-S

Tot Ion:117 Resp: 1562386
Ion Ratio Lower Upper
117 100
82 55.4 43.7 65.5
119 32.9 26.1 39.1

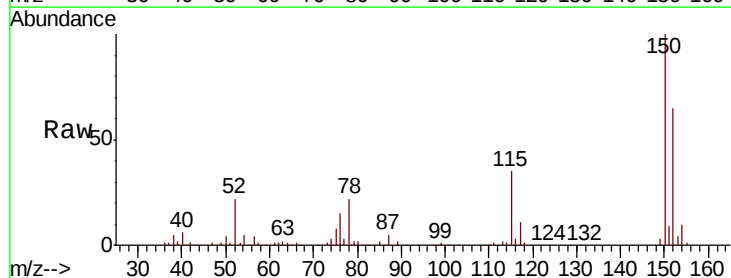


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060314.D
Acq: 9 Nov 2018 16:09

Tgt Ion:152 Resp: 778931
Ion Ratio Lower Upper
152 100
115 53.8 24.1 72.3
150 154.1 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

