

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110918\
 Data File : VD060315.D
 Acq On : 9 Nov 2018 16:37
 Operator : VA/AP
 Sample : J5269-17
 Misc : 5.41g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13-D

Quant Time: Nov 12 03:13:51 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

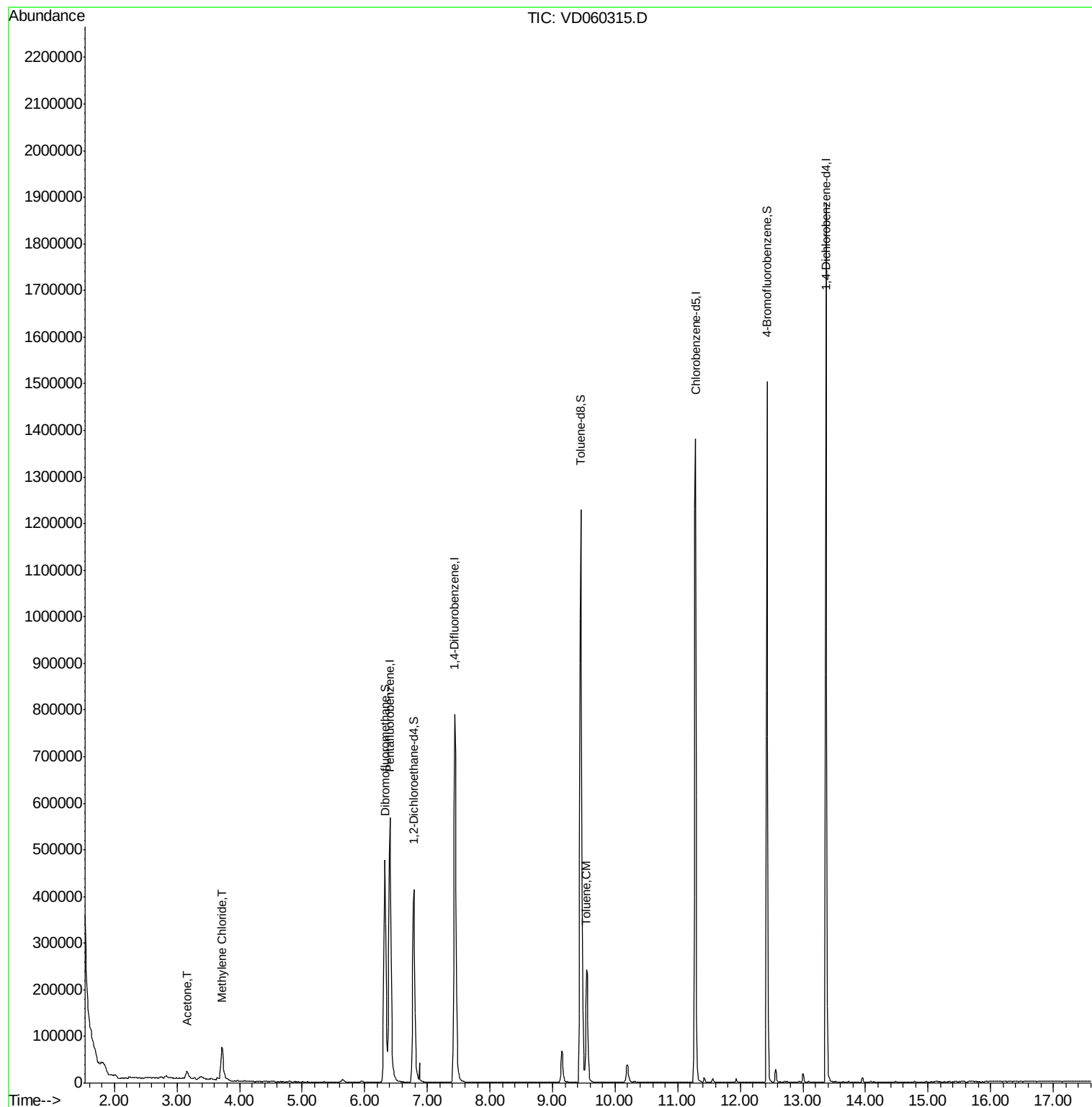
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	544267	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	811488	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	756782	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	418702	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	338574	86.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	173.76%	
35) Dibromofluoromethane	6.32	113	375163	62.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	124.00%	
50) Toluene-d8	9.45	98	959097	54.16	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	12.43	95	393947	61.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	122.78%	
Target Compounds						
16) Acetone	3.16	43	36529	54.038	ug/l	94
20) Methylene Chloride	3.72	84	47893	7.987	ug/l	96
52) Toluene	9.54	92	127921	9.786	ug/l	100

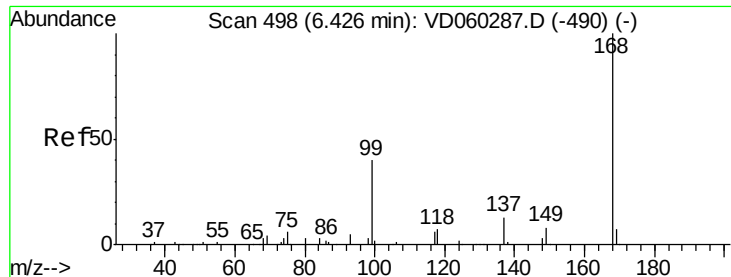
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110918\
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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: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060315.D

Acq: 9 Nov 2018 16:37

Instrument :

MSVOA_D

ClientSampleId :

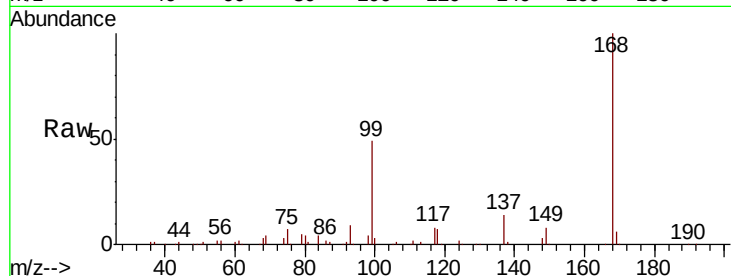
SB-13-D

Tot Ion:168 Resp: 544267

Ion Ratio Lower Upper

168 100

99 48.9 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

250000

200000

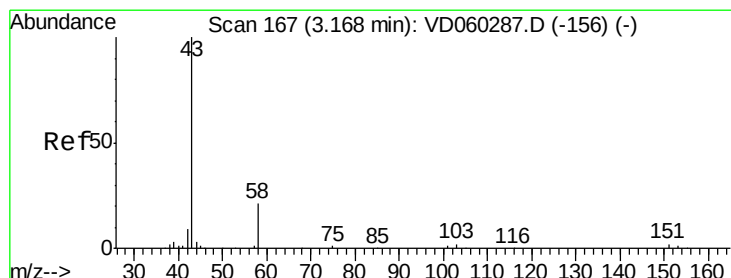
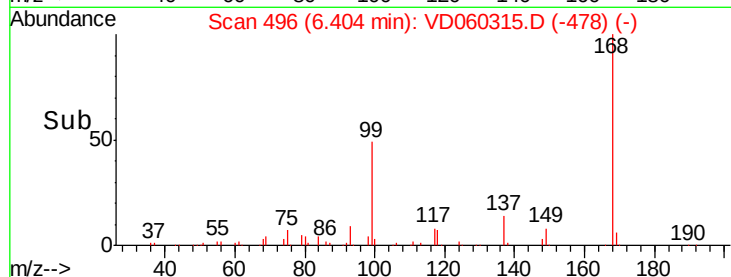
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 54.038 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060315.D

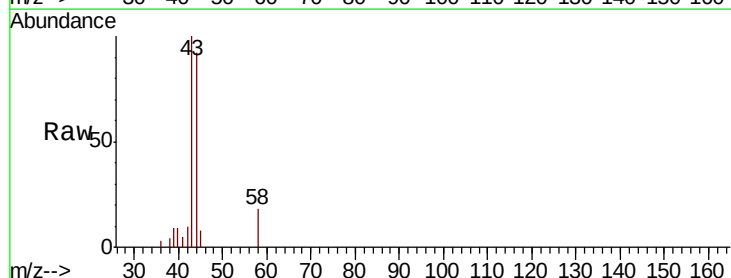
Acq: 9 Nov 2018 16:37

Tgt Ion: 43 Resp: 36529

Ion Ratio Lower Upper

43 100

58 18.3 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

12000

10000

8000

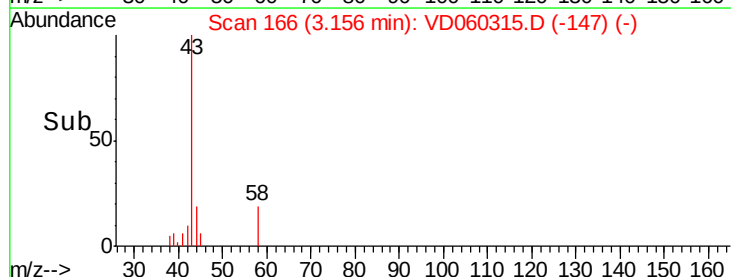
6000

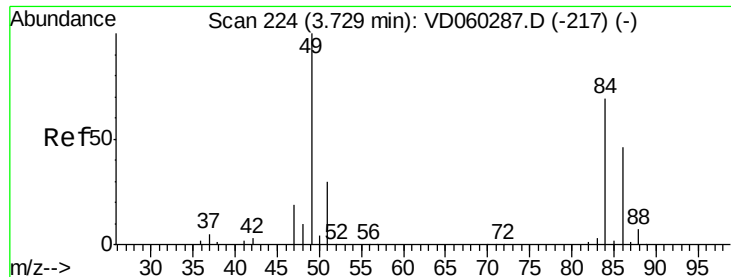
4000

2000

0

Time-->

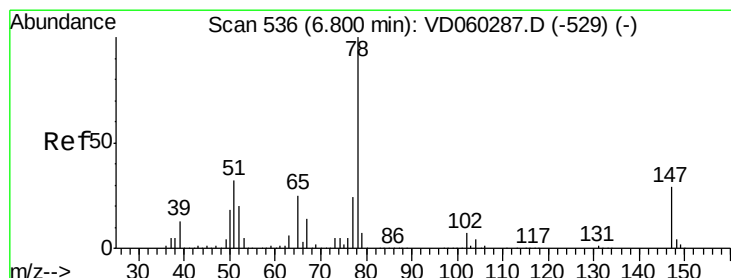
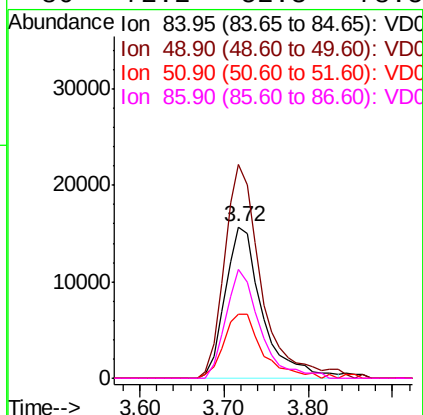
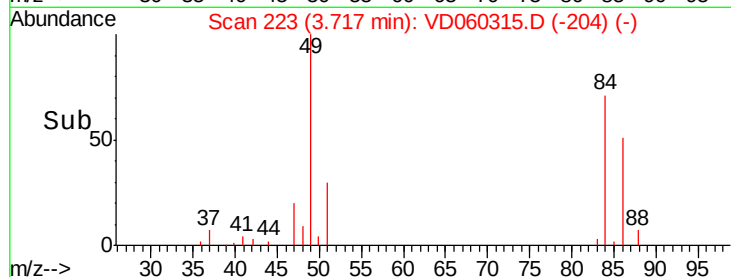
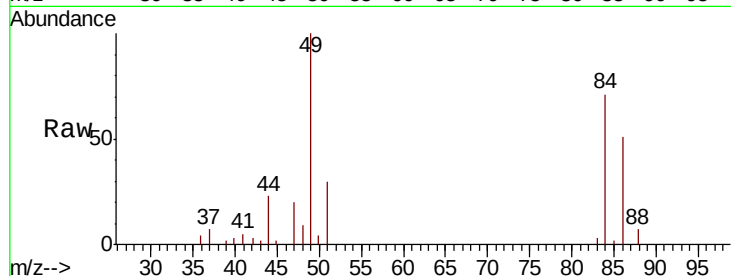




#20
Methylene Chloride
Concen: 7.987 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

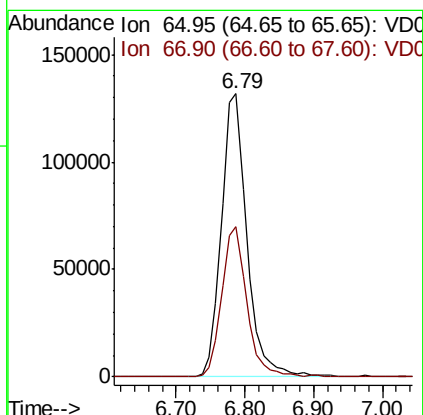
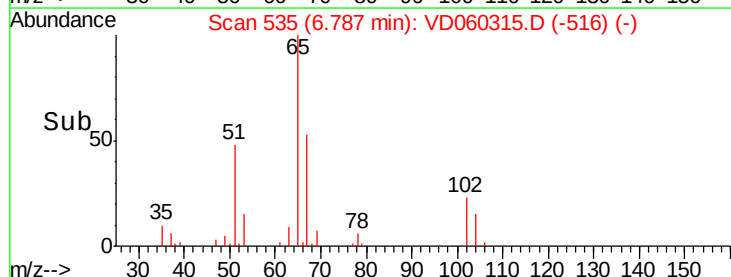
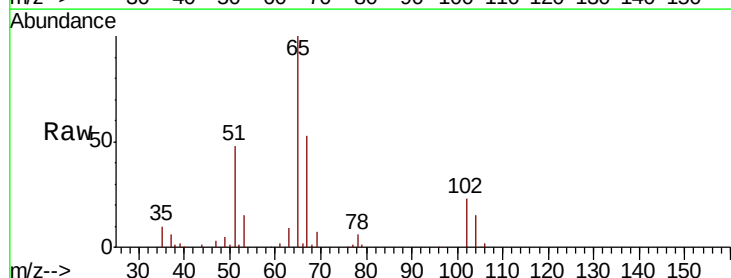
Instrument :
MSVOA_D
ClientSampleId :
SB-13-D

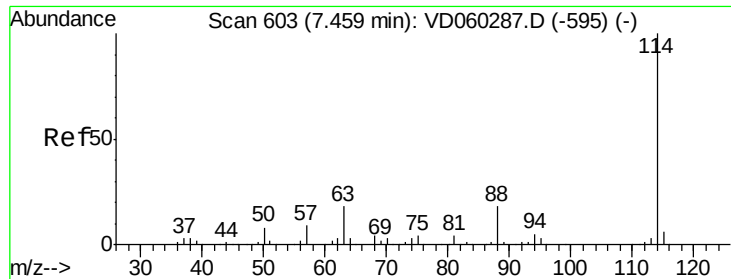
Tot Ion: 84 Resp: 47893
Ion Ratio Lower Upper
84 100
49 141.1 115.6 173.4
51 42.3 35.6 53.4
86 72.2 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 65 Resp: 338574
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.8

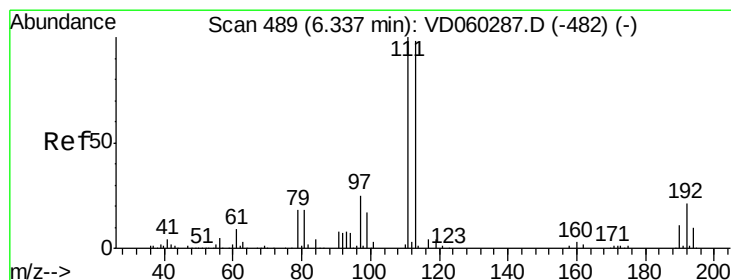
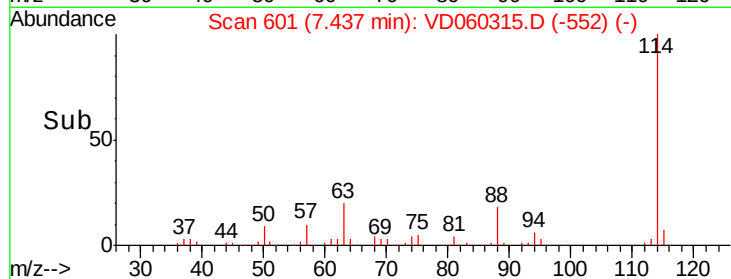
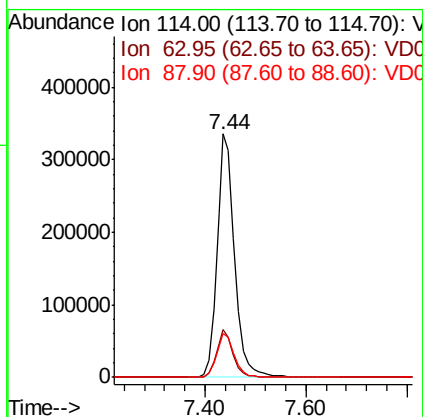
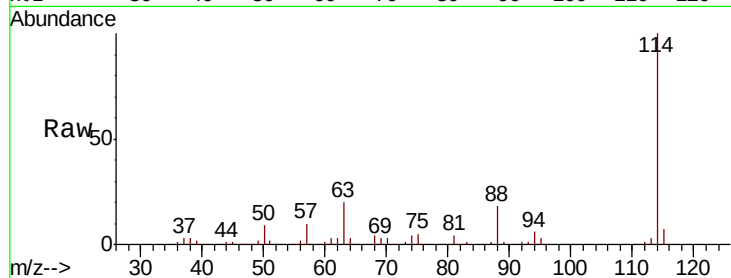




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060315.D
 Acq: 9 Nov 2018 16:37

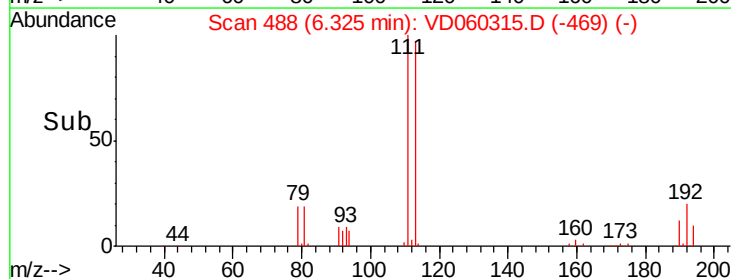
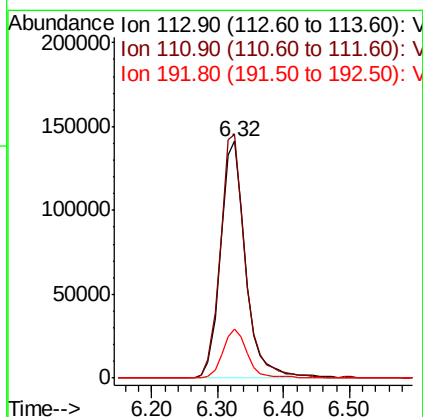
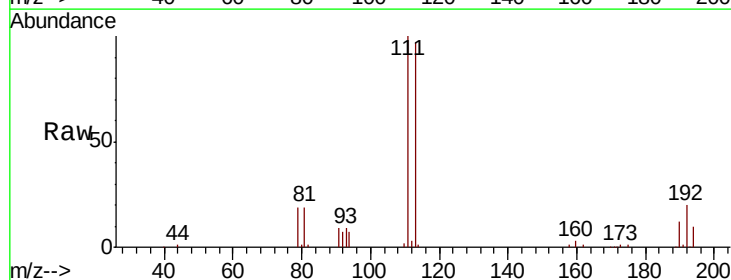
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13-D

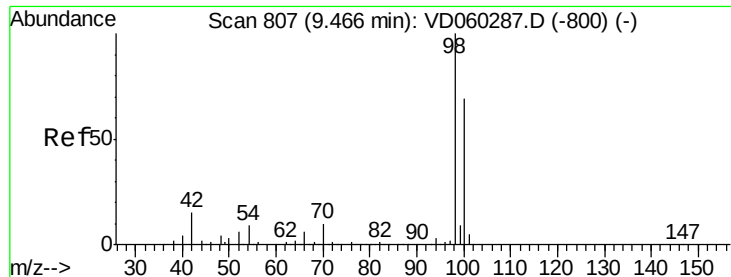
Tot Ion:114 Resp: 811488
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 34.0
 88 18.0 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060315.D
 Acq: 9 Nov 2018 16:37

Tgt Ion:113 Resp: 375163
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.6 122.4
 192 20.6 16.5 24.7

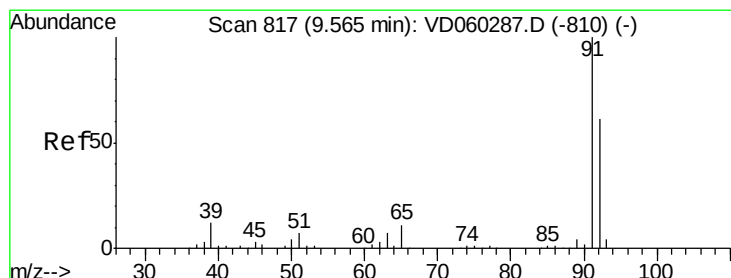
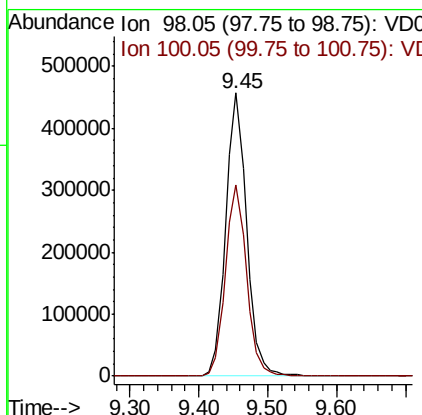
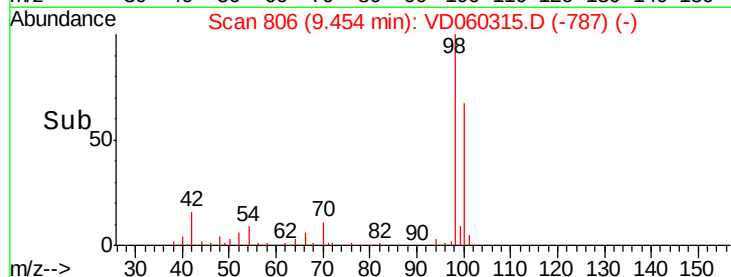
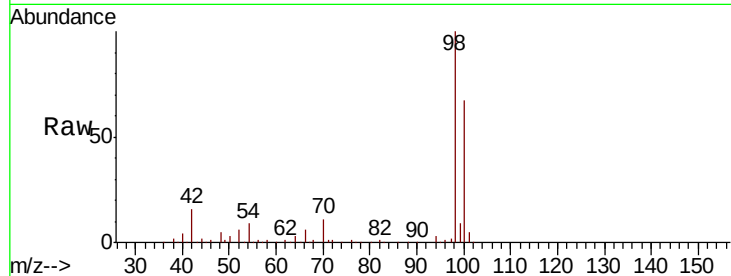




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

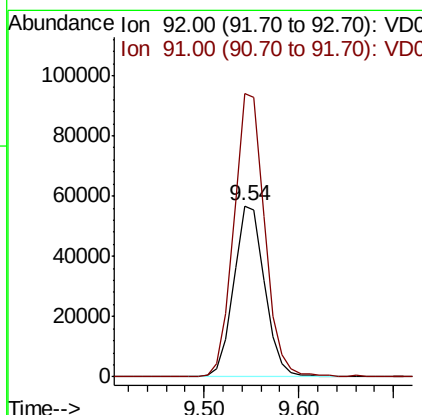
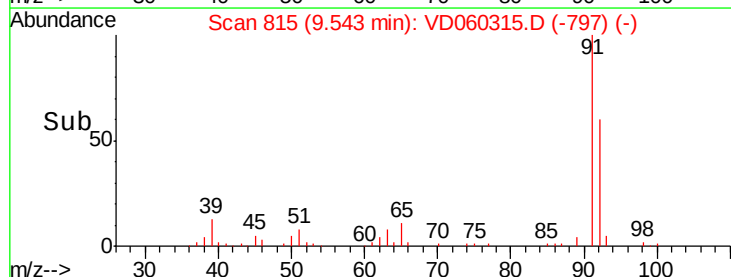
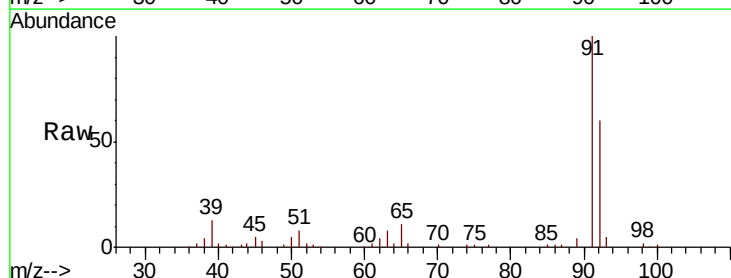
Instrument :
MSVOA_D
ClientSampleId :
SB-13-D

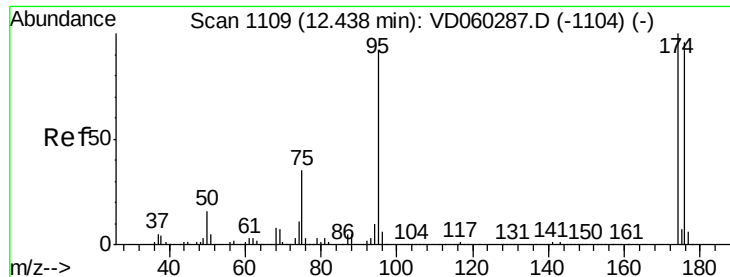
Tot Ion: 98 Resp: 959097
Ion Ratio Lower Upper
98 100
100 67.4 55.2 82.8



#52
Toluene
Concen: 9.786 ug/l
RT: 9.54 min Scan# 815
Delta R.T. -0.02 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 92 Resp: 127921
Ion Ratio Lower Upper
92 100
91 165.4 131.9 197.9





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060315.D

Acq: 9 Nov 2018 16:37

Instrument :

MSVOA_D

ClientSampleId :

SB-13-D

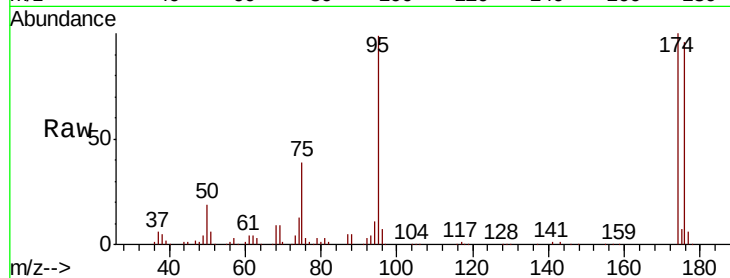
Tot Ion: 95 Resp: 393947

Ion Ratio Lower Upper

95 100

174 100.7 0.0 160.8

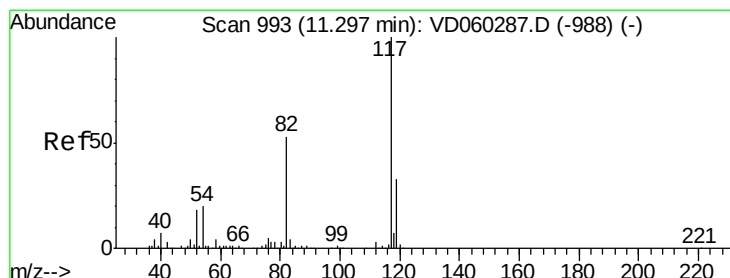
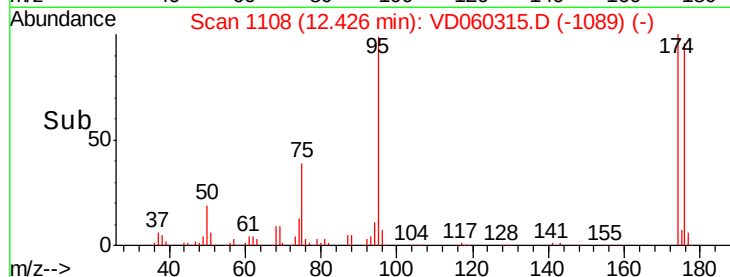
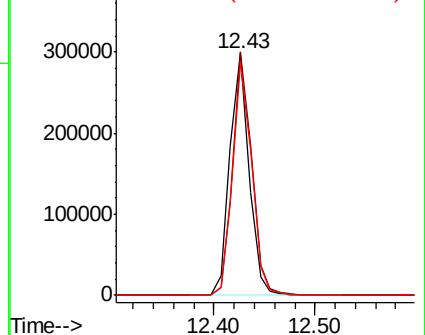
176 96.2 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 992

Delta R.T. -0.01 min

Lab File: VD060315.D

Acq: 9 Nov 2018 16:37

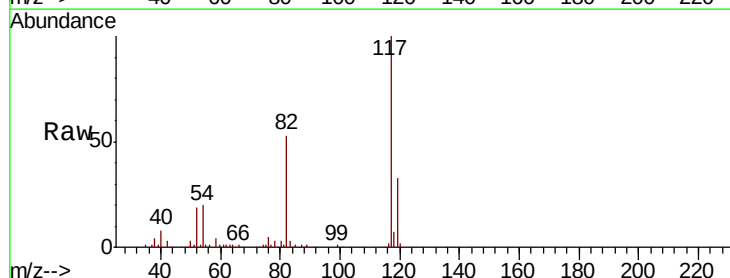
Tgt Ion: 117 Resp: 756782

Ion Ratio Lower Upper

117 100

82 52.9 43.7 65.5

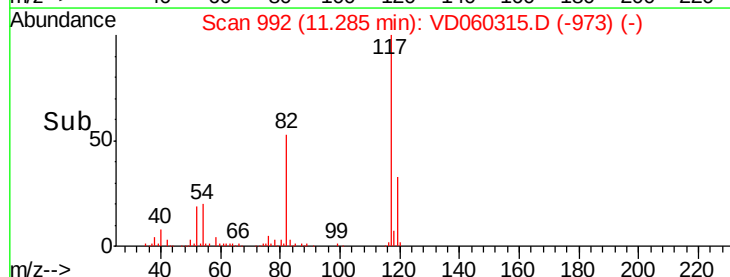
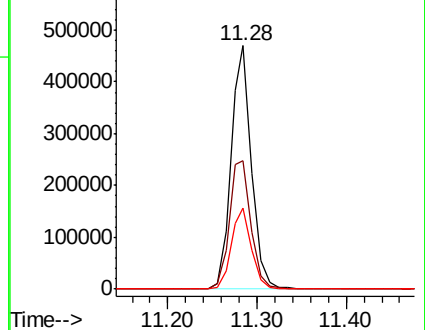
119 33.2 26.1 39.1

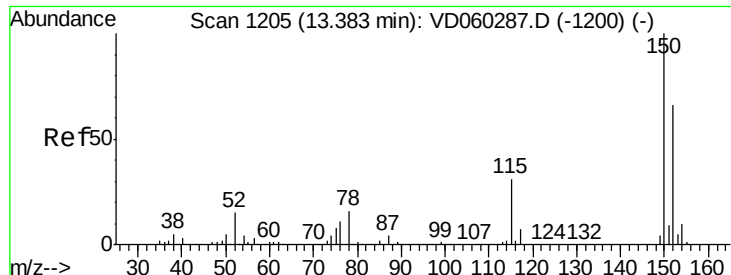


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

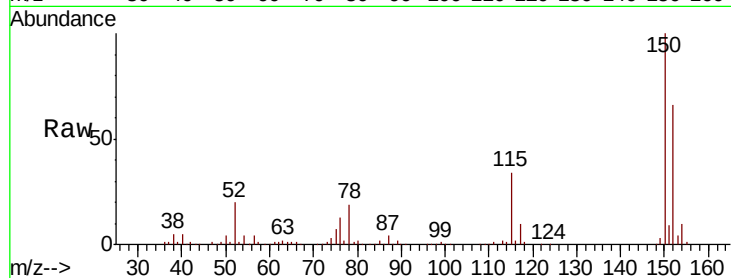




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060315.D
 Acq: 9 Nov 2018 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.8	24.1	72.3
150	152.4	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

