

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110918\
 Data File : VD060313.D
 Acq On : 9 Nov 2018 15:41
 Operator : VA/AP
 Sample : J5269-09
 Misc : 6.74g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-D

Quant Time: Nov 12 03:08:48 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

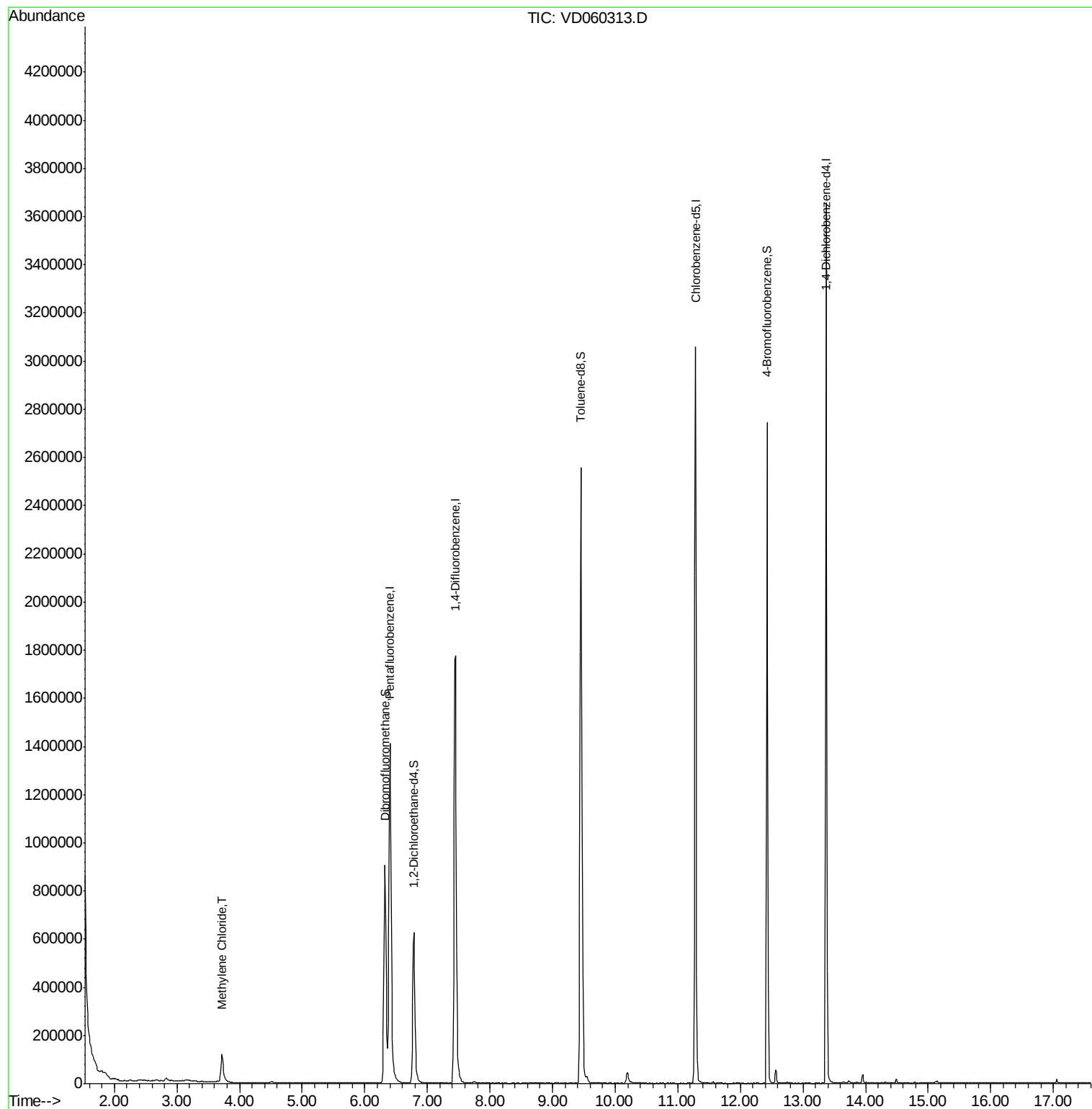
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1397553	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	1963016	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1598085	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	837029	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	536208	53.58	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	6.32	113	723186	49.41	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	9.45	98	2034478	47.49	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	12.43	95	757337	48.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.58%	
Target Compounds						
20) Methylene Chloride	3.72	84	72234	4.691	ug/l	Qvalue 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
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: VD060313.D

Acq: 9 Nov 2018 15:41

Instrument :

MSVOA_D

ClientSampleId :

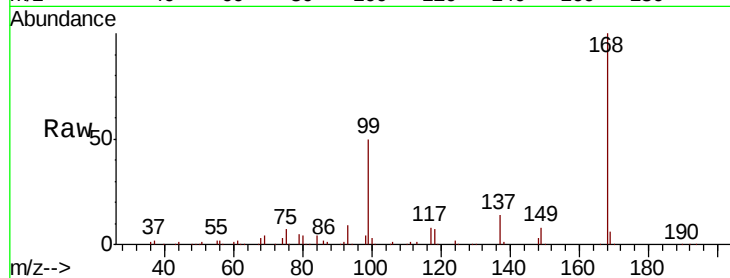
SB-12-D

Tot Ion:168 Resp: 1397553

Ion Ratio Lower Upper

168 100

99 49.8 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

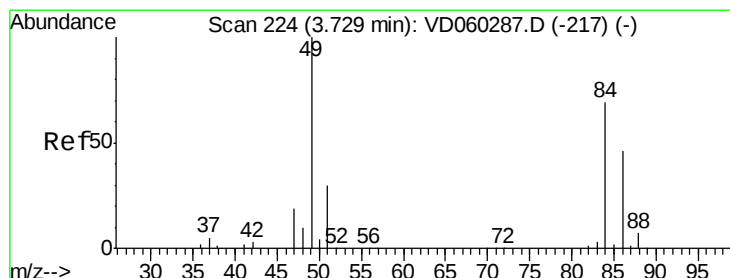
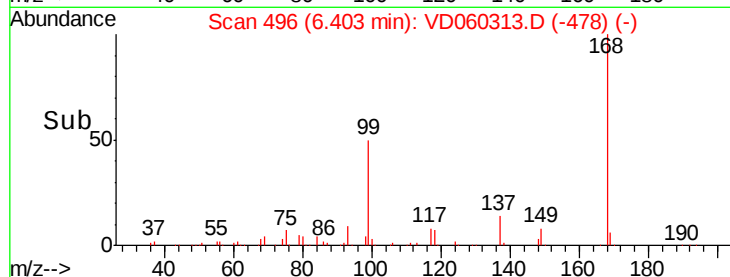
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 4.691 ug/l

RT: 3.72 min Scan# 223

Delta R.T. -0.01 min

Lab File: VD060313.D

Acq: 9 Nov 2018 15:41

Tgt Ion: 84 Resp: 72234

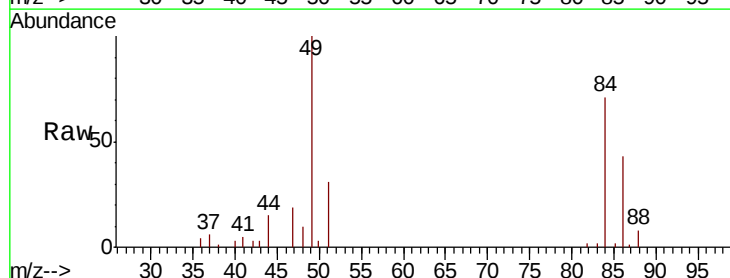
Ion Ratio Lower Upper

84 100

49 140.9 115.6 173.4

51 44.3 35.6 53.4

86 60.8 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

50000

40000

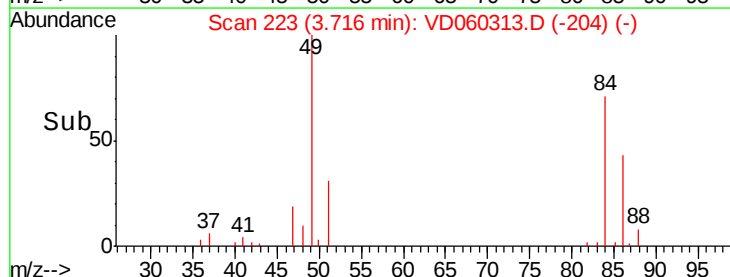
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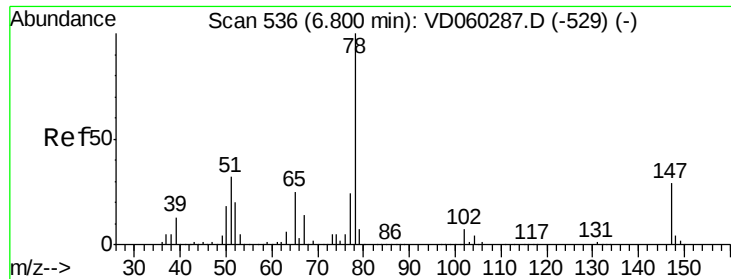
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10000

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Time-->

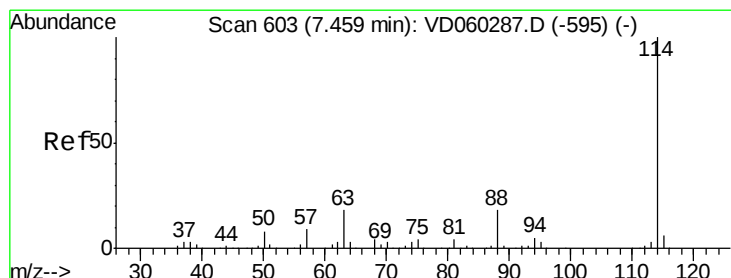
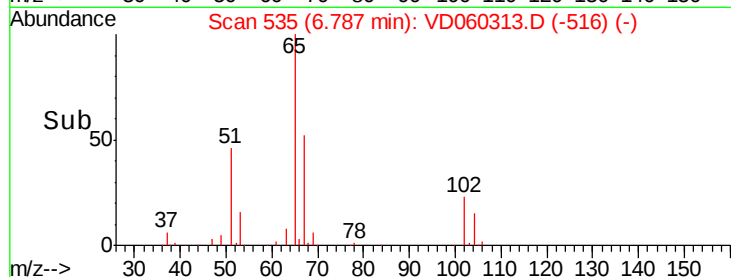
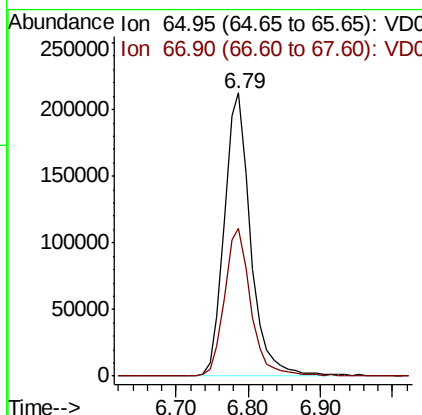
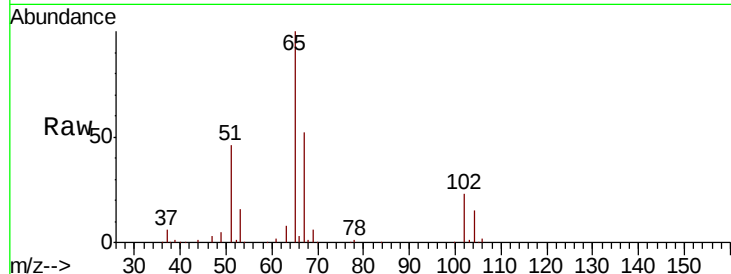




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060313.D
 Acq: 9 Nov 2018 15:41

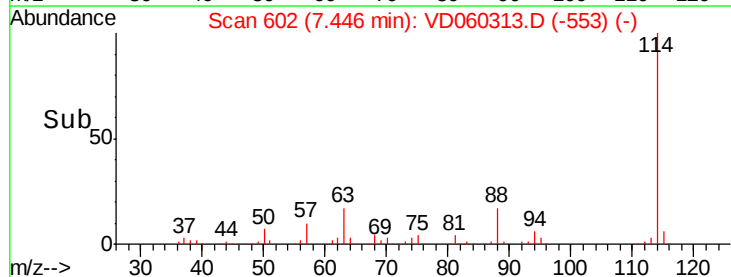
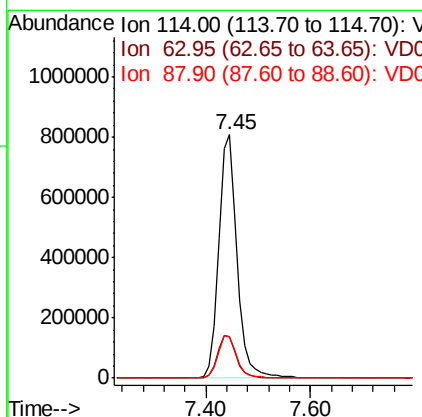
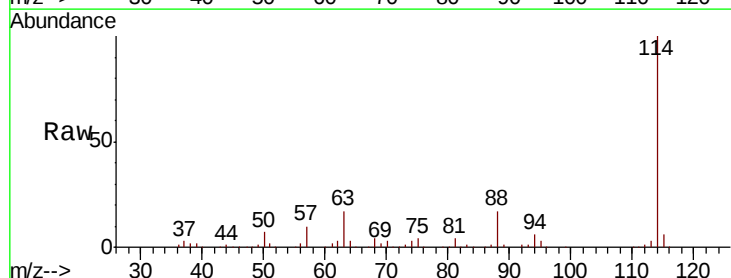
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-D

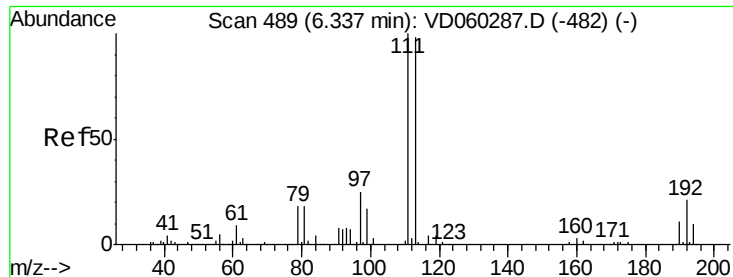
Tot Ion: 65 Resp: 536208
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060313.D
 Acq: 9 Nov 2018 15:41

Tgt Ion:114 Resp: 1963016
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.0
 88 17.2 0.0 35.4

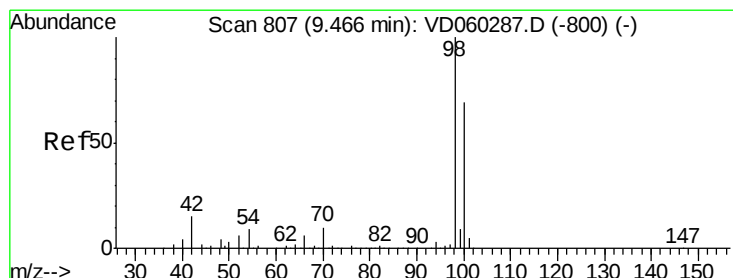
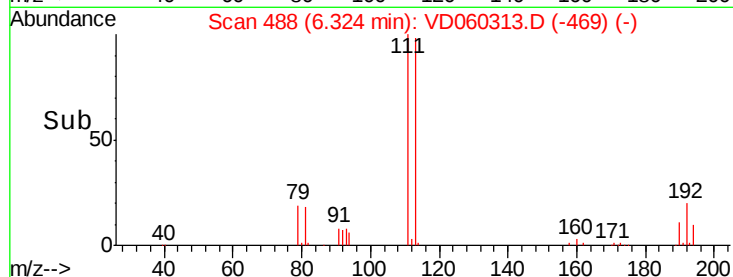
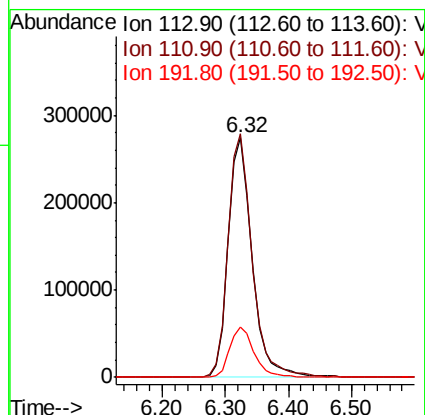
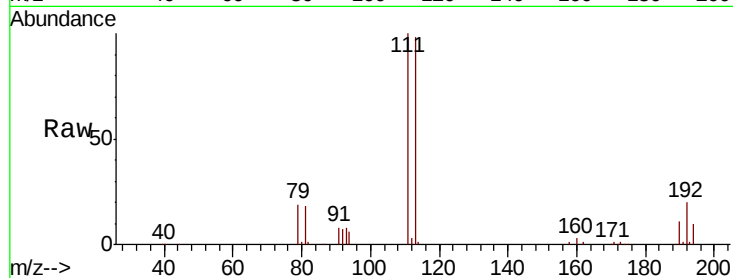




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060313.D
 Acq: 9 Nov 2018 15:41

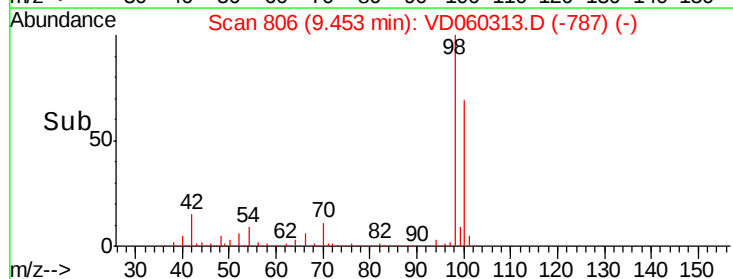
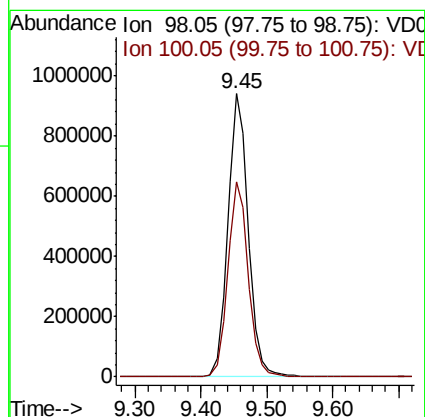
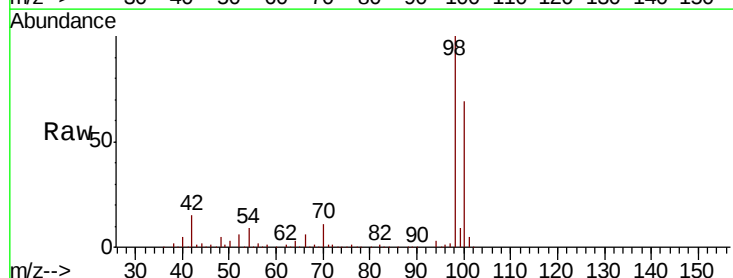
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-D

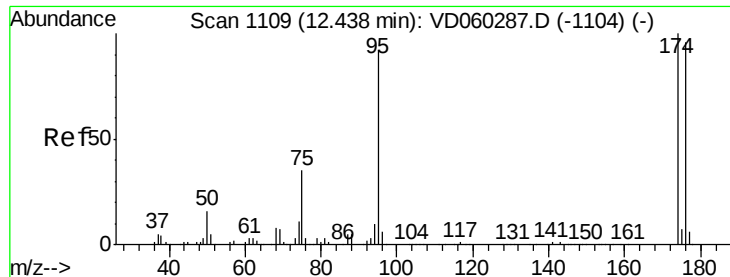
Tot Ion:113 Resp: 723186
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.6 122.4
 192 20.8 16.5 24.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VD060313.D
 Acq: 9 Nov 2018 15:41

Tgt Ion: 98 Resp: 2034478
 Ion Ratio Lower Upper
 98 100
 100 69.0 55.2 82.8

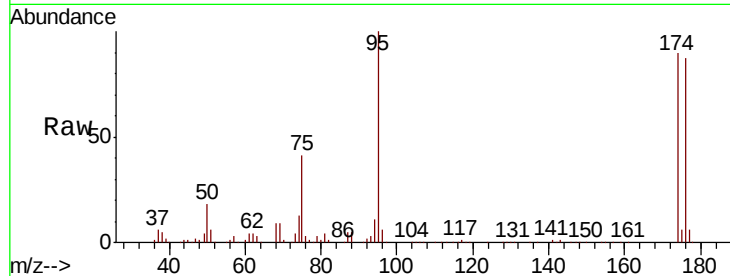




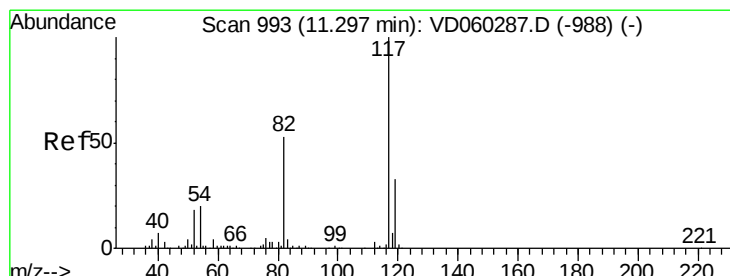
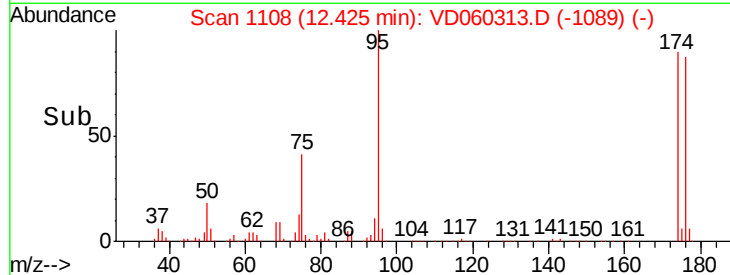
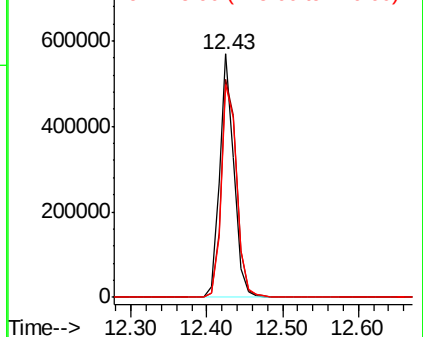
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

Instrument :
MSVOA_D
ClientSampleId :
SB-12-D

Tot Ion: 95 Resp: 757337
Ion Ratio Lower Upper
95 100
174 89.5 0.0 160.8
176 87.2 0.0 154.6

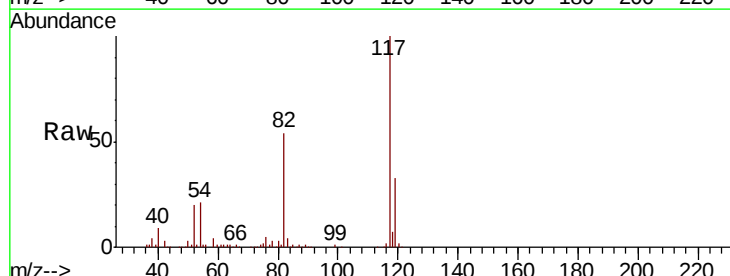


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

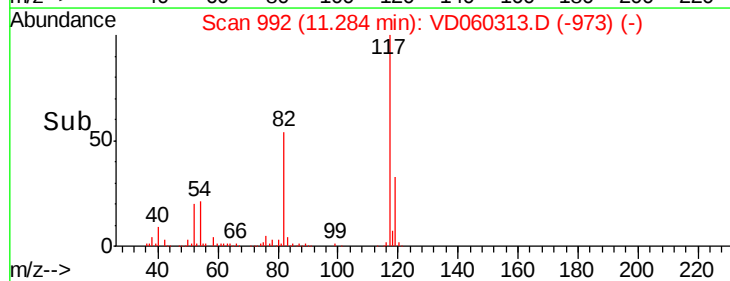
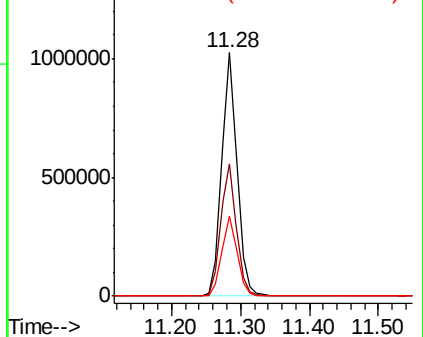


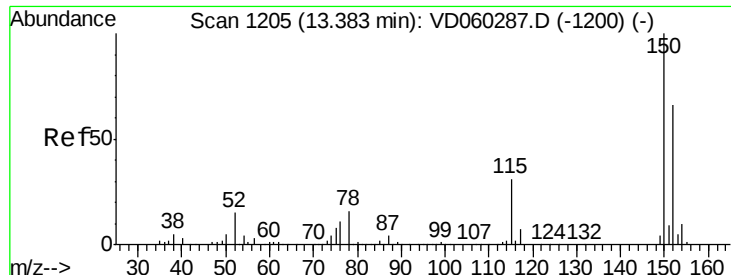
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

Tgt Ion: 117 Resp: 1598085
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.8 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

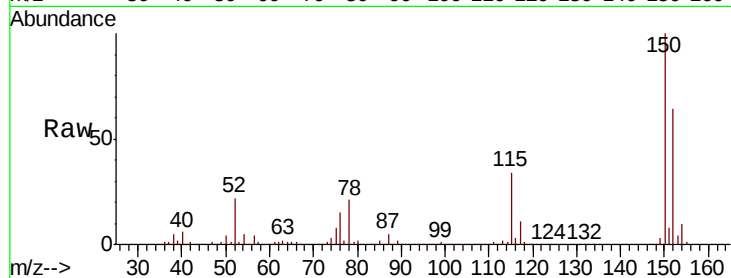




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060313.D
 Acq: 9 Nov 2018 15:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.9	24.1	72.3
150	155.4	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

