

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
 Data File : VD060540.D
 Acq On : 12 Dec 2018 11:49
 Operator : VA/AP
 Sample : VD1212SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBL01

Quant Time: Dec 13 00:26:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1604256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	2212843	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1759589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	867765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	564988	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	6.32	113	816299	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	9.45	98	2404803	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.43	95	822208	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

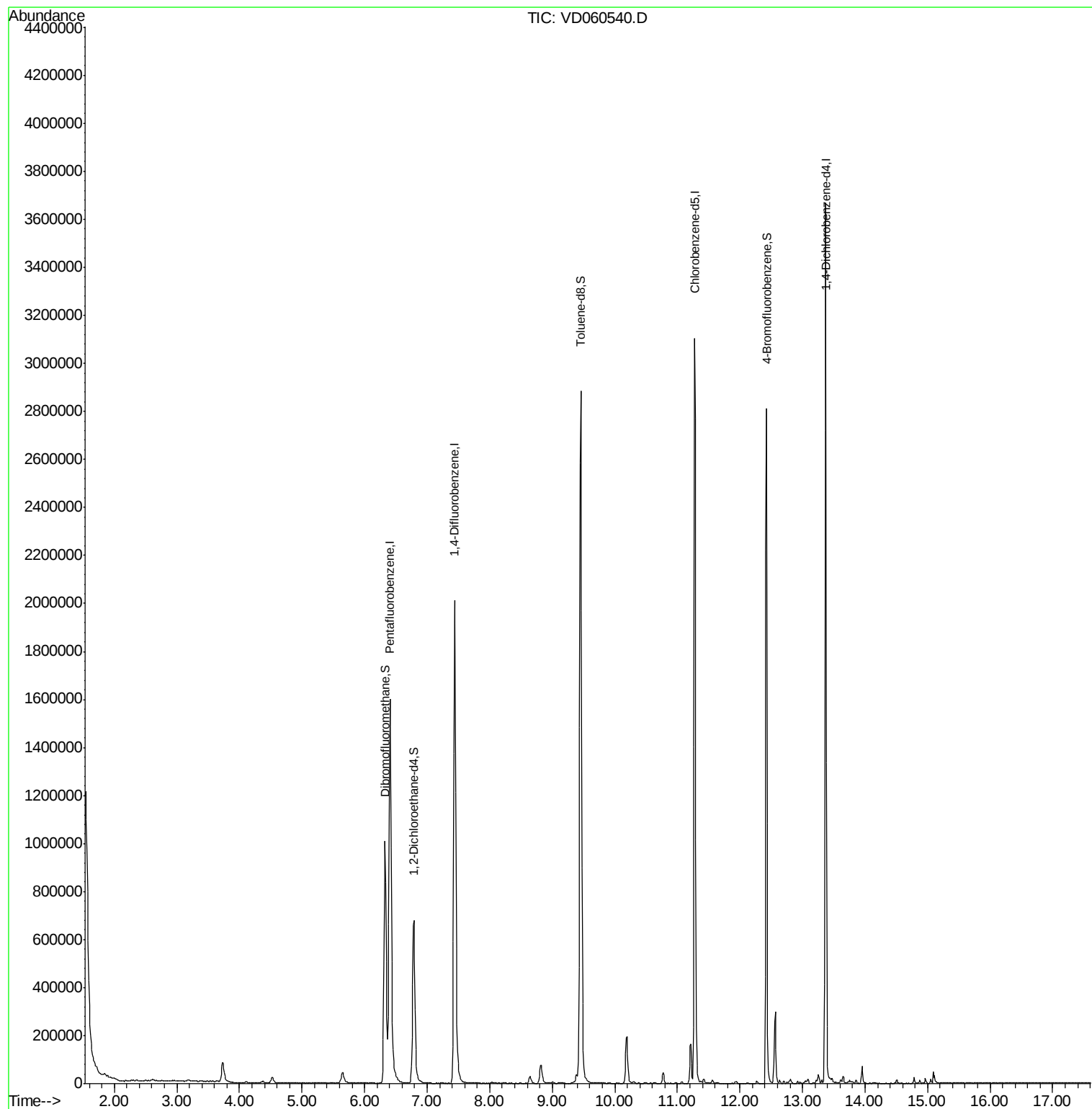
Target Compounds	Qvalue

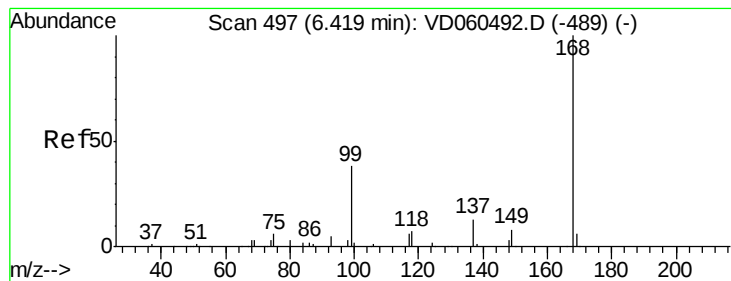
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD060540.D

Acq: 12 Dec 2018 11:49

Instrument :

MSVOA_D

ClientSampleId :

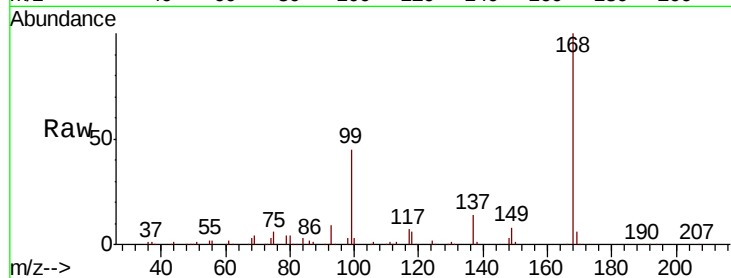
VD1212SBL01

Tot Ion:168 Resp: 1604256

Ion Ratio Lower Upper

168 100

99 45.3 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

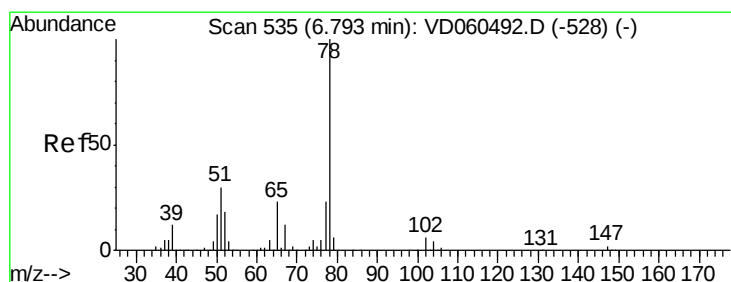
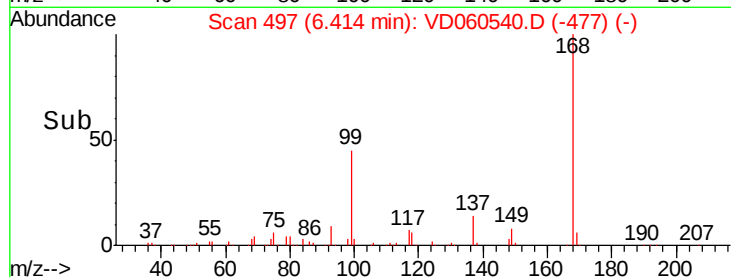
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060540.D

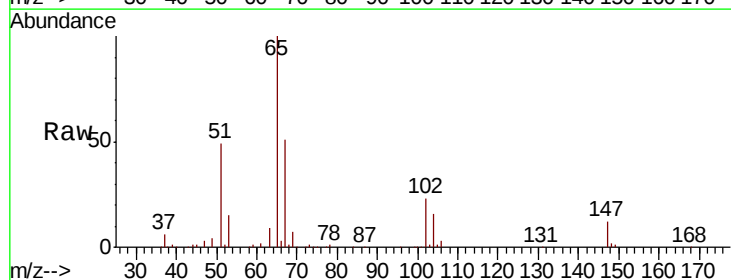
Acq: 12 Dec 2018 11:49

Tgt Ion: 65 Resp: 564988

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.79

250000

200000

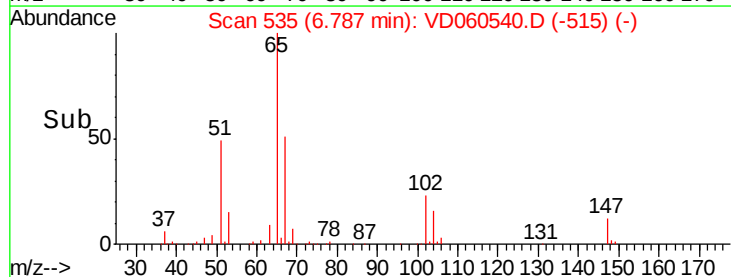
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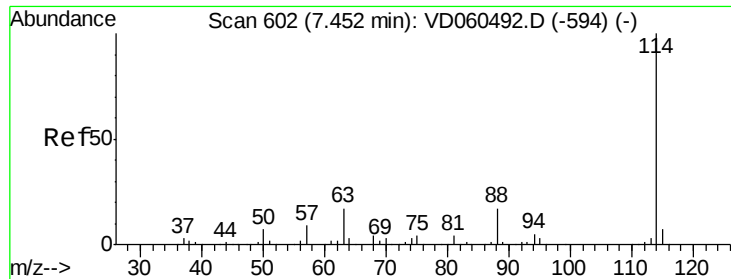
100000

50000

0

Time-->

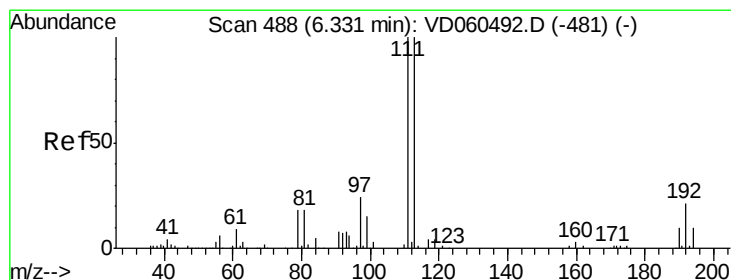
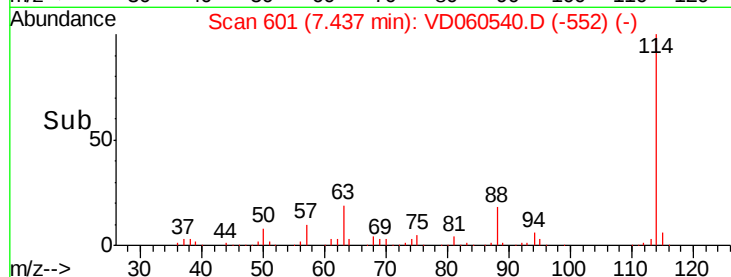
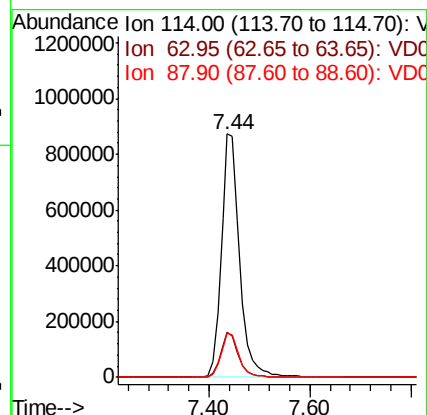
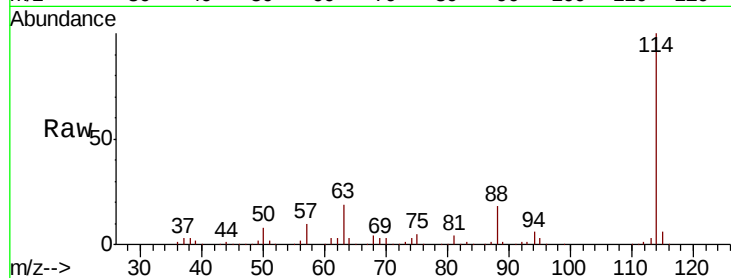




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060540.D
 Acq: 12 Dec 2018 11:49

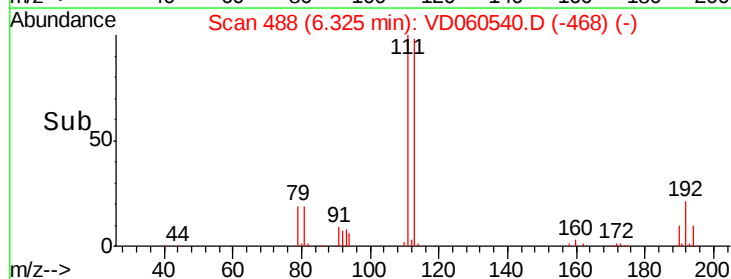
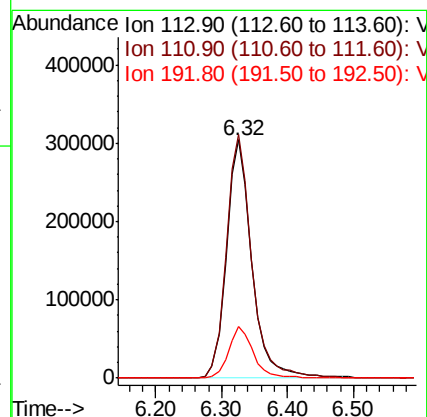
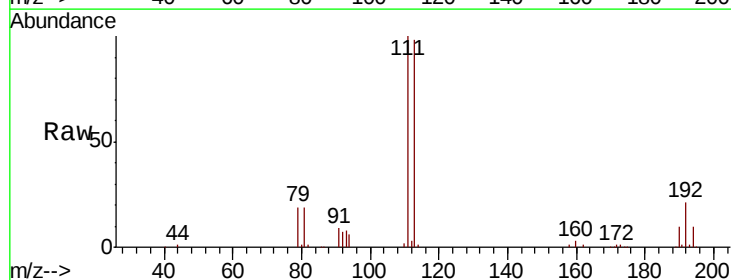
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBL01

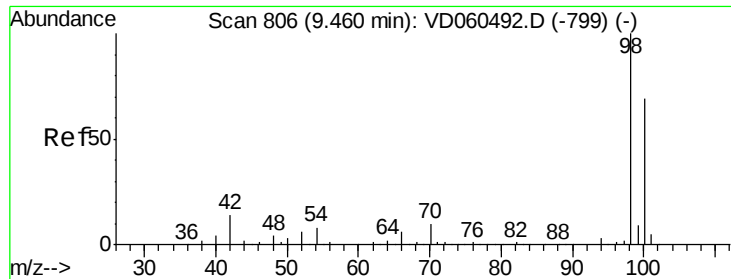
Tot Ion:114 Resp: 2212843
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.2
 88 18.2 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060540.D
 Acq: 12 Dec 2018 11:49

Tgt Ion:113 Resp: 816299
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.2 120.4
 192 21.6 16.6 24.8

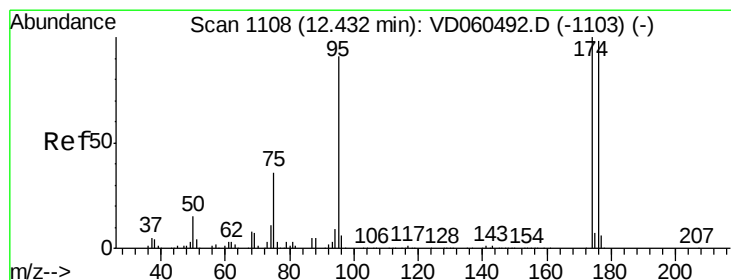
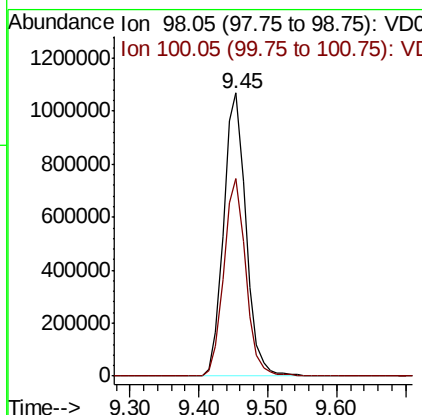
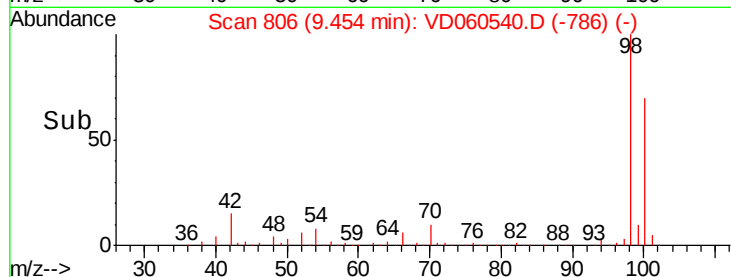
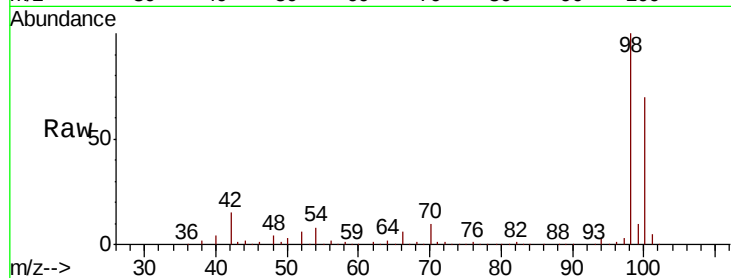




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060540.D
Acq: 12 Dec 2018 11:49

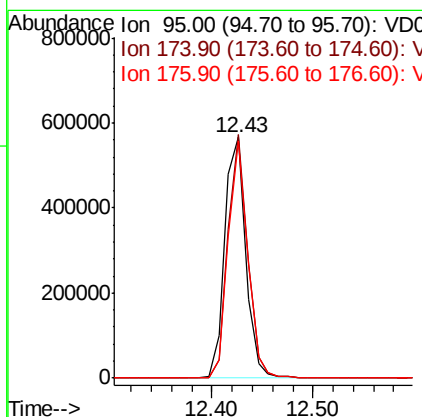
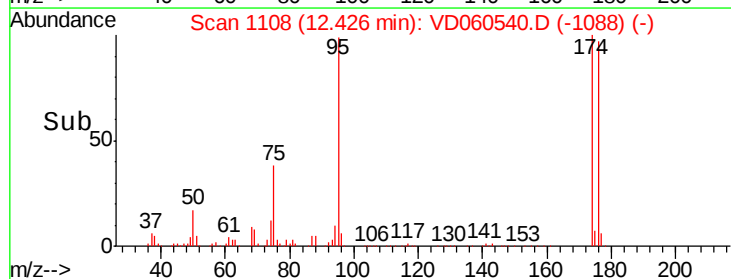
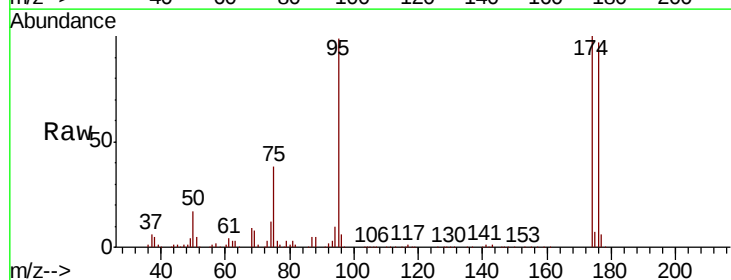
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBL01

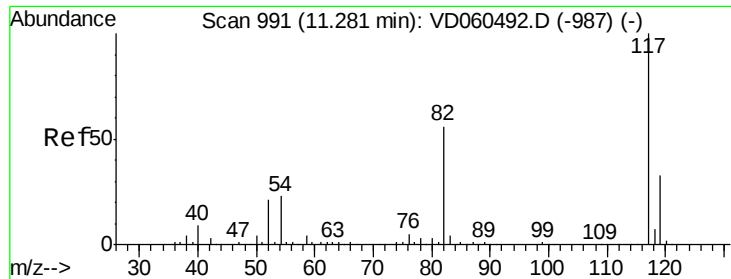
Tot Ion: 98 Resp: 2404803
Ion Ratio Lower Upper
98 100
100 70.0 55.7 83.5



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060540.D
Acq: 12 Dec 2018 11:49

Tgt Ion: 95 Resp: 822208
Ion Ratio Lower Upper
95 100
174 101.2 0.0 219.4
176 98.5 0.0 214.6

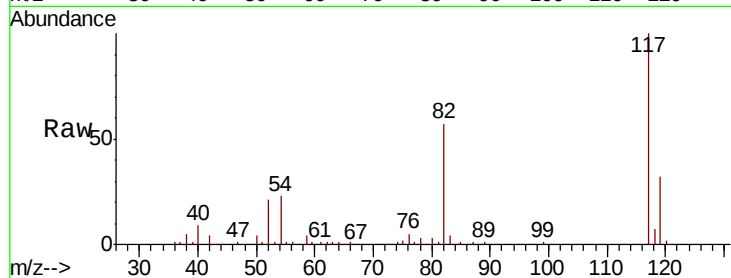




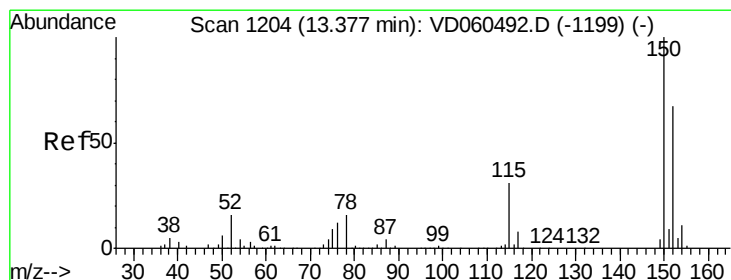
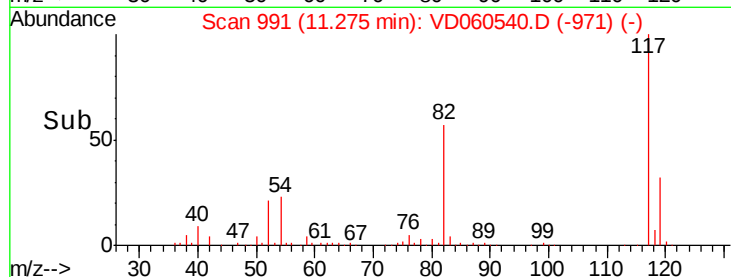
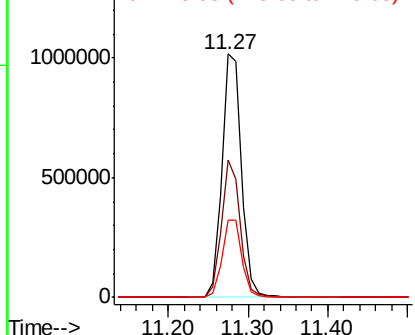
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060540.D
Acq: 12 Dec 2018 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBL01

Tot Ion:117 Resp: 1759589
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 31.8 26.1 39.1

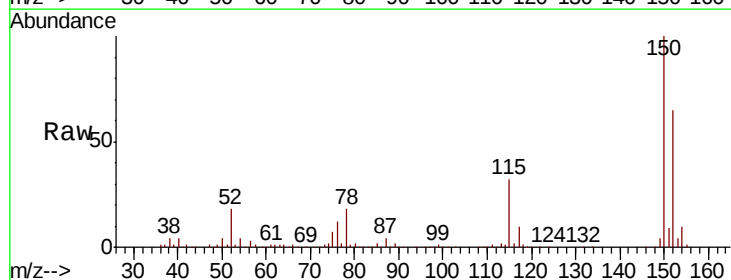


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060540.D
Acq: 12 Dec 2018 11:49

Tgt Ion:152 Resp: 867765
Ion Ratio Lower Upper
152 100
115 49.0 24.6 74.0
150 154.4 0.0 309.0



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

