

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102618\
 Data File : VD060222.D
 Acq On : 26 Oct 2018 18:00
 Operator : JC/SY
 Sample : J5688-01
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DPC-91567-OD-01

Quant Time: Oct 27 00:21:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1755688	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2385521	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	2046885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	1027310	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	685460	51.51	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	6.33	113	902708	49.83	ug/l	0.03
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	9.45	98	2584217	50.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.43	95	953552	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

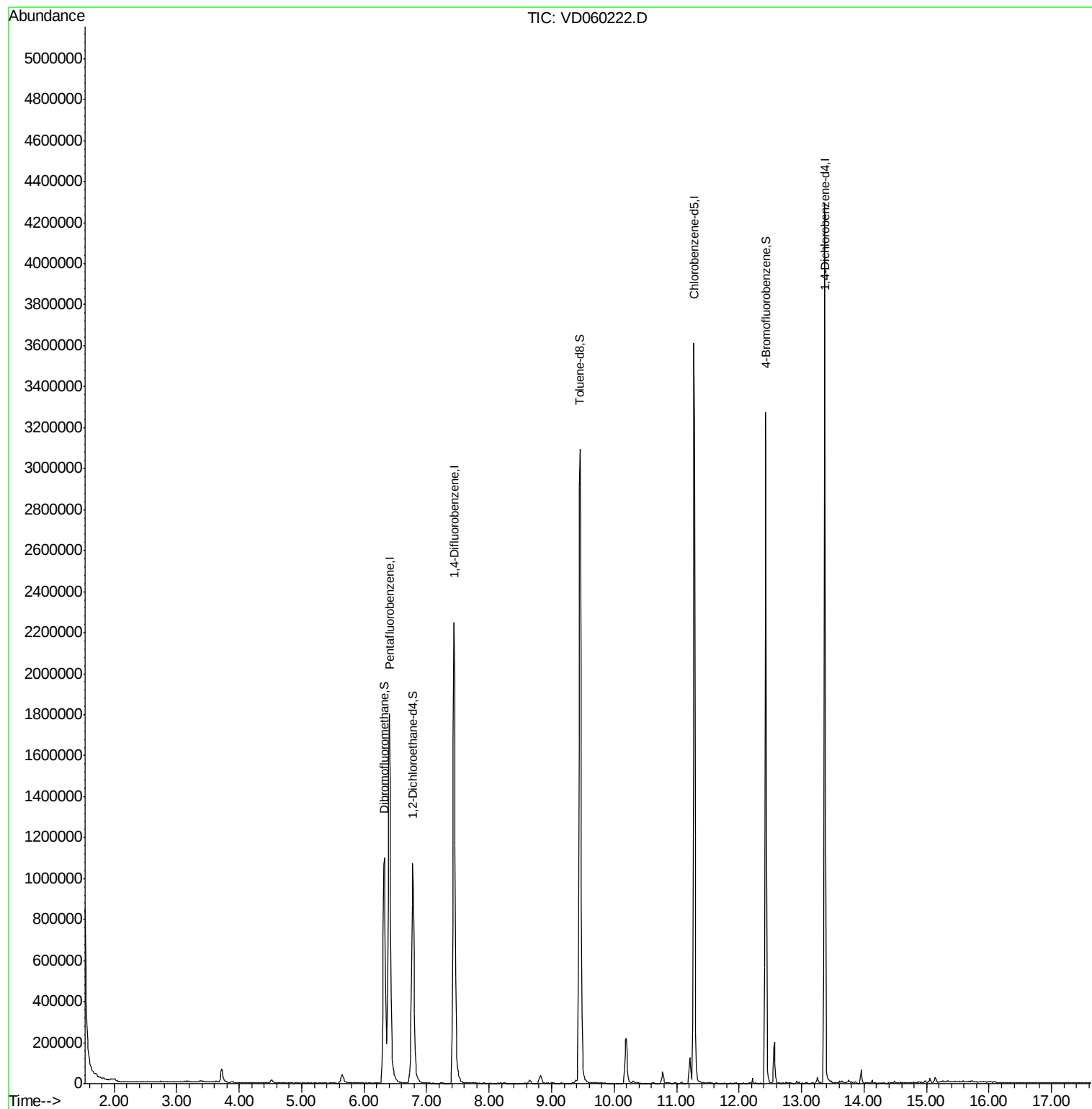
Target Compounds	Qvalue

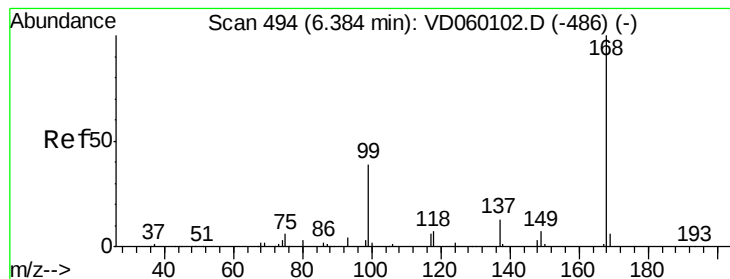
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102618\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060222.D

Acq: 26 Oct 2018 18:00

Instrument :

MSVOA_D

ClientSampleId :

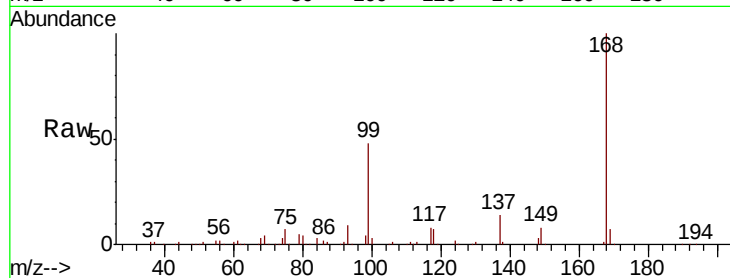
DPC-91567-OD-01

Tot Ion:168 Resp: 1755688

Ion Ratio Lower Upper

168 100

99 47.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

800000

600000

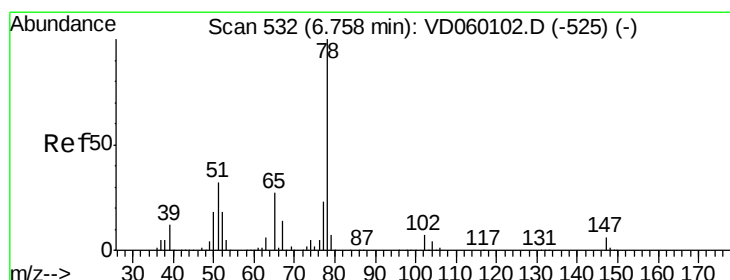
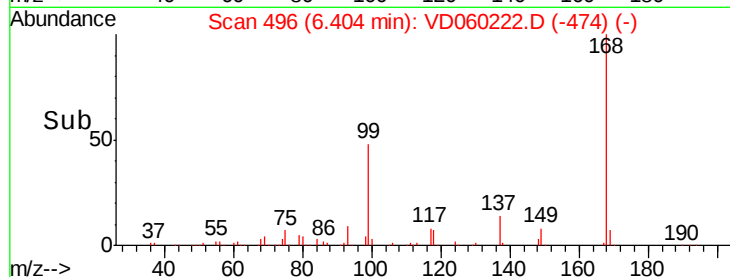
400000

200000

0

Time-->

6.30 6.40 6.50 6.60



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060222.D

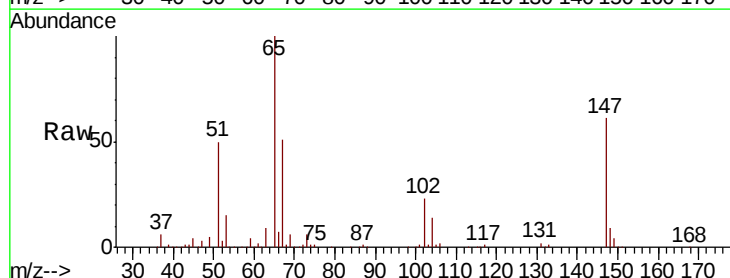
Acq: 26 Oct 2018 18:00

Tgt Ion: 65 Resp: 685460

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

300000

250000

200000

150000

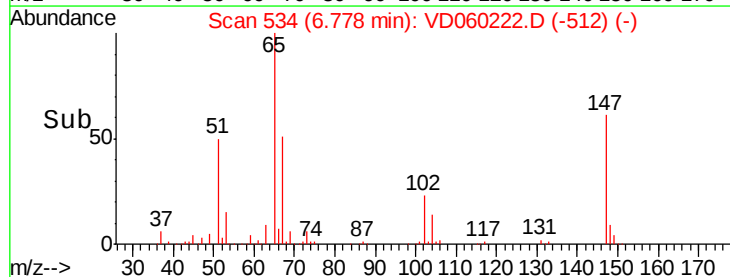
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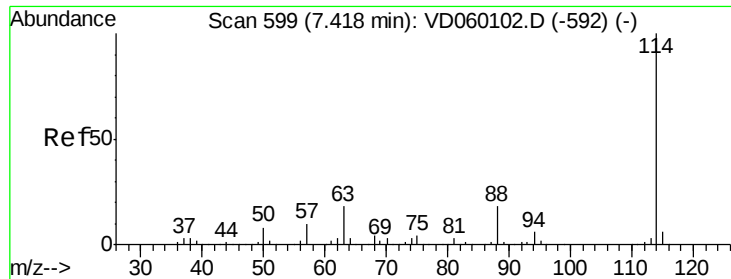
50000

0

Time-->

6.60 6.70 6.80 6.90 7.00

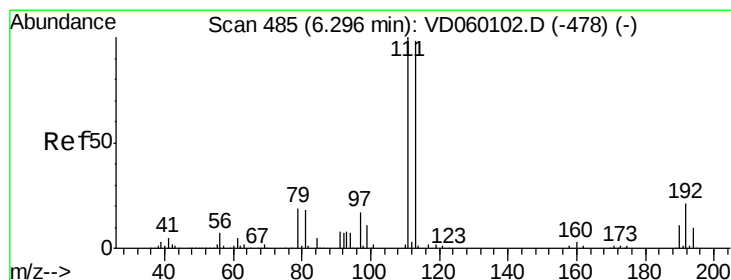
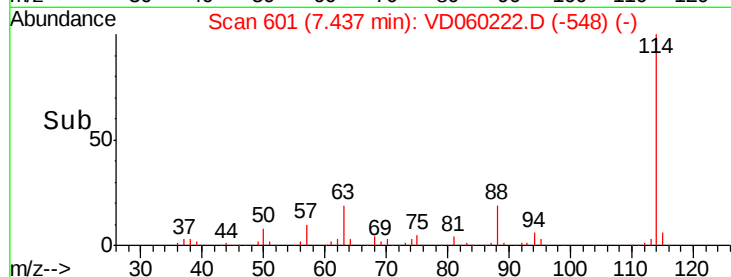
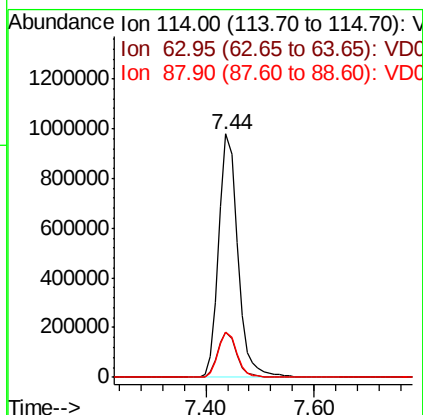
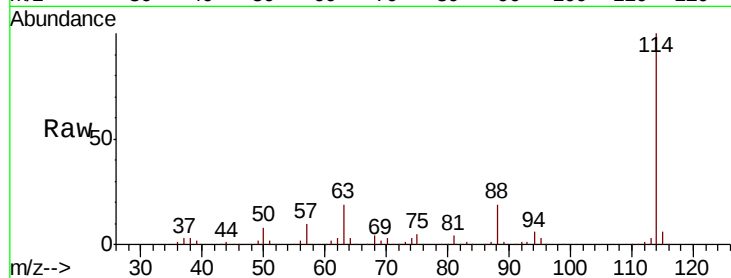




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060222.D
 Acq: 26 Oct 2018 18:00

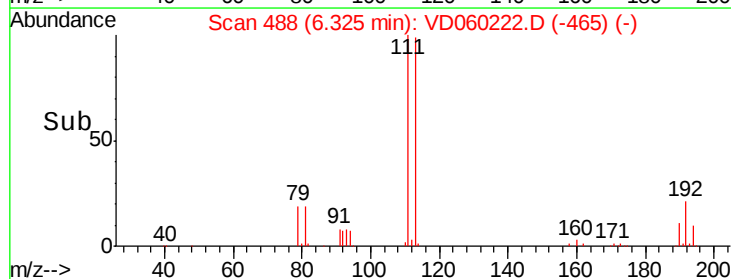
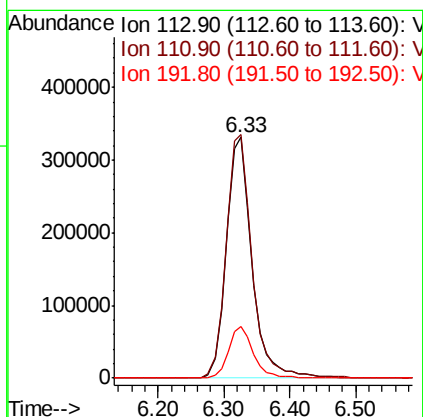
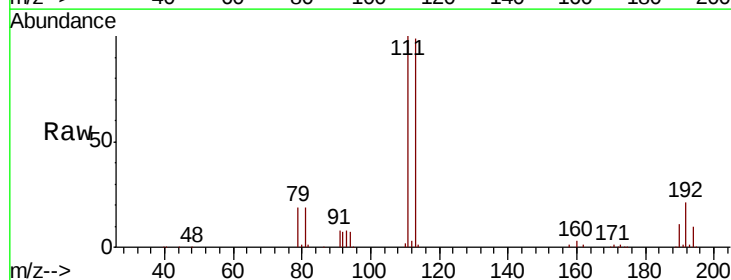
Instrument :
 MSVOA_D
 ClientSampleId :
 DPC-91567-OD-01

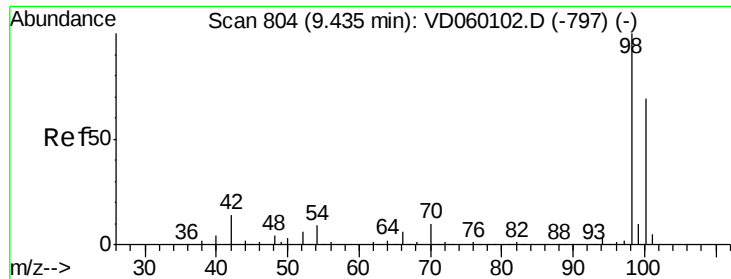
Tot Ion:114 Resp: 2385521
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.0
 88 18.8 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060222.D
 Acq: 26 Oct 2018 18:00

Tgt Ion:113 Resp: 902708
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.5 122.3
 192 21.3 17.4 26.0

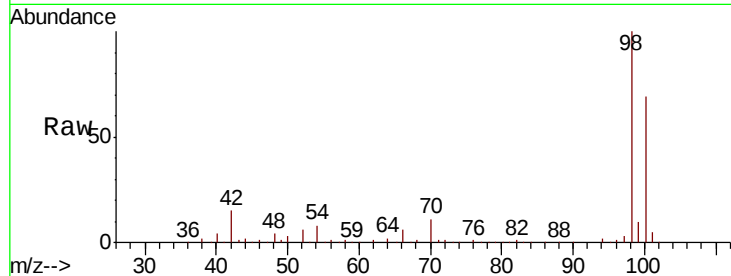




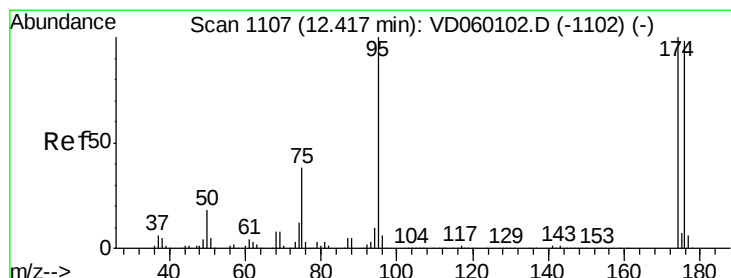
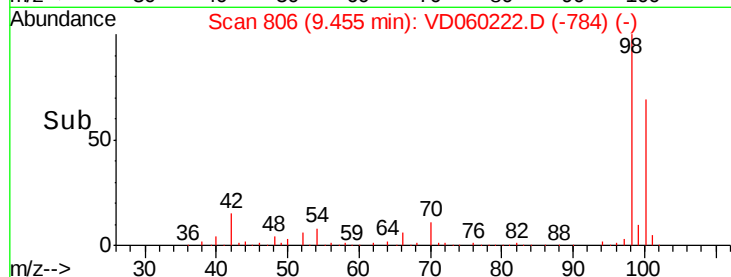
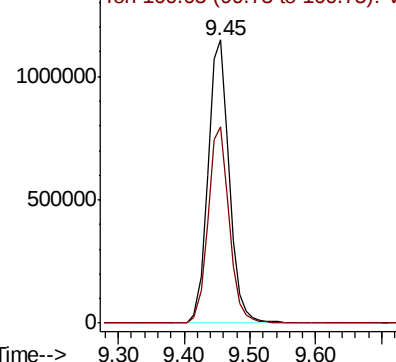
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

Instrument :
MSVOA_D
ClientSampleId :
DPC-91567-OD-01

Tot Ion: 98 Resp: 2584217
Ion Ratio Lower Upper
98 100
100 69.3 55.4 83.0

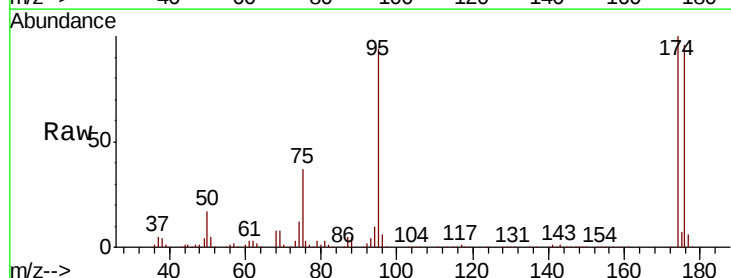


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

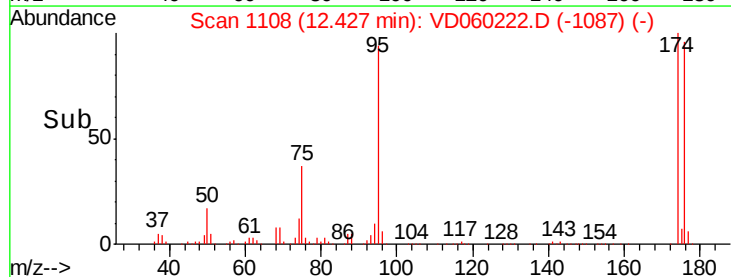
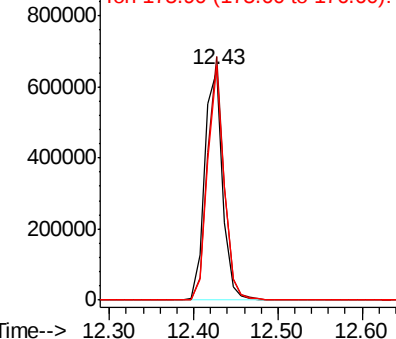


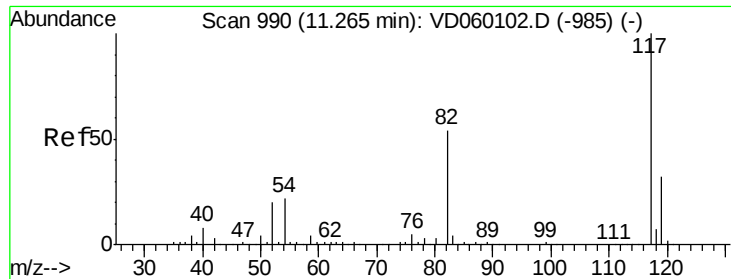
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

Tgt Ion: 95 Resp: 953552
Ion Ratio Lower Upper
95 100
174 106.0 0.0 200.2
176 102.1 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

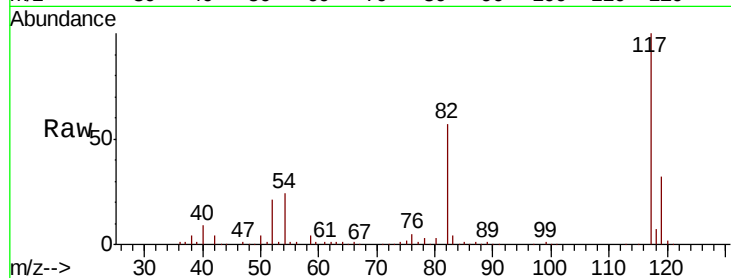




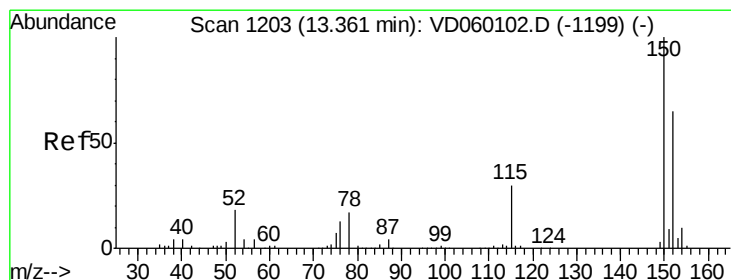
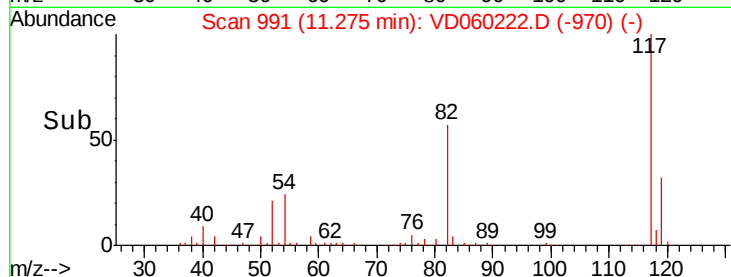
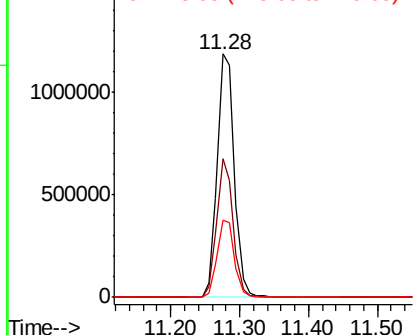
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

Instrument :
MSVOA_D
ClientSampleId :
DPC-91567-OD-01

Tot Ion:117 Resp: 2046885
Ion Ratio Lower Upper
117 100
82 57.0 43.4 65.2
119 31.5 26.0 39.0

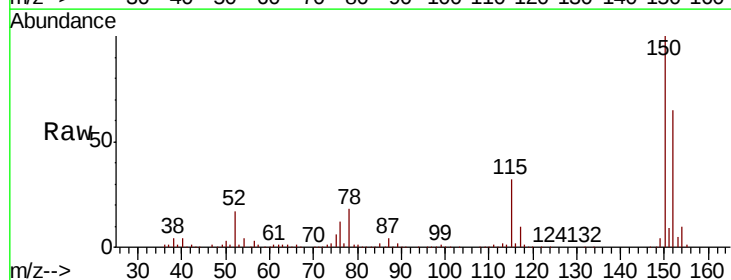


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060222.D
Acq: 26 Oct 2018 18:00

Tgt Ion:152 Resp: 1027310
Ion Ratio Lower Upper
152 100
115 48.8 27.1 81.2
150 152.9 0.0 311.8



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

