

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060157.D
 Acq On : 9 Oct 2018 18:07
 Operator : VA/AP
 Sample : J5326-01
 Misc : 6.53g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-1

Quant Time: Oct 10 01:53:47 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	6.37	168	20068	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	32579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.26	117	30962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	16539	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	18598	122.26	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	244.52%	
35) Dibromofluoromethane	6.29	113	16724	67.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.20%	
50) Toluene-d8	9.43	98	45887	65.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.10%	
62) 4-Bromofluorobenzene	12.42	95	18973	71.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.66%	

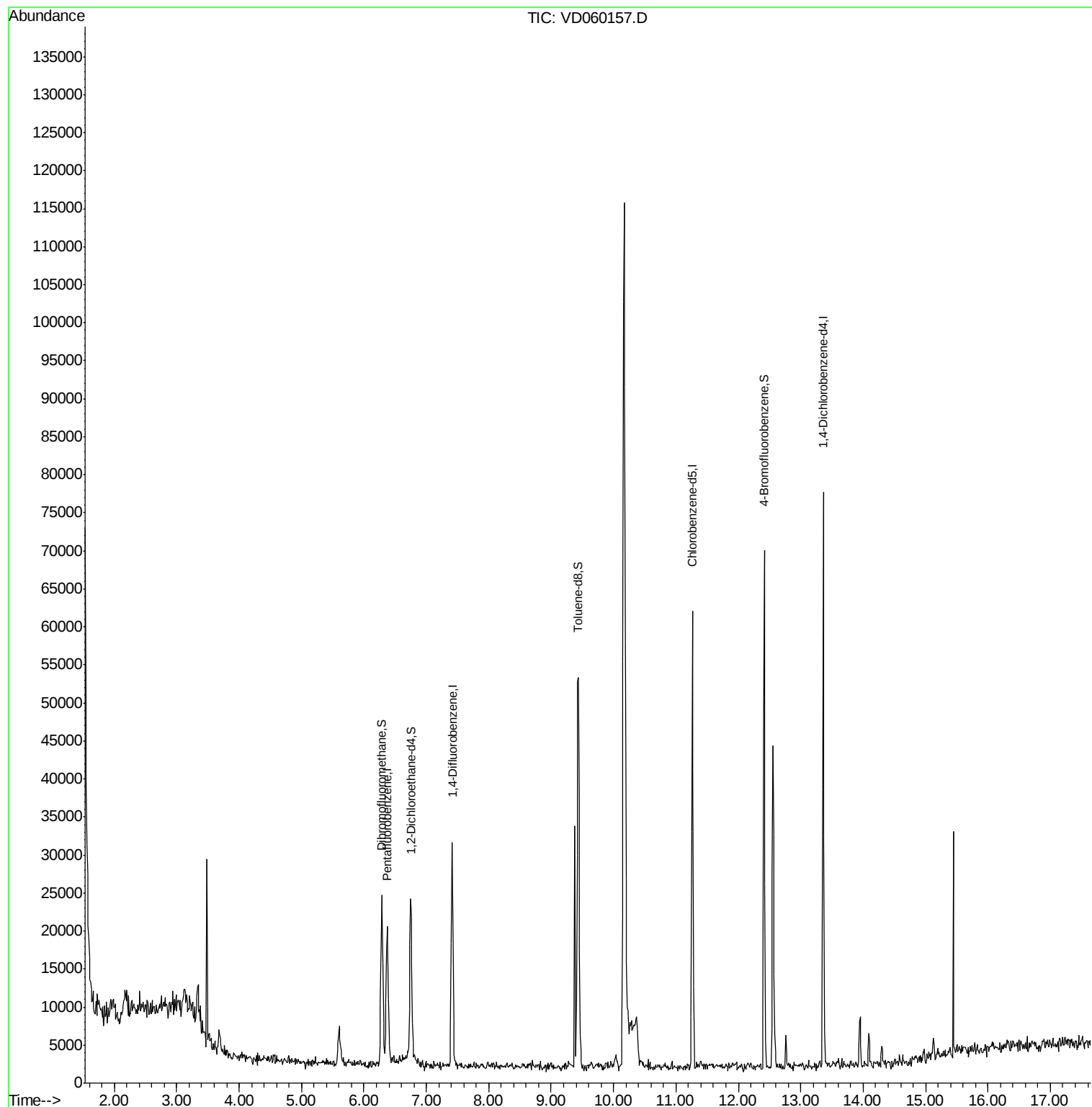
Target Compounds	Qvalue

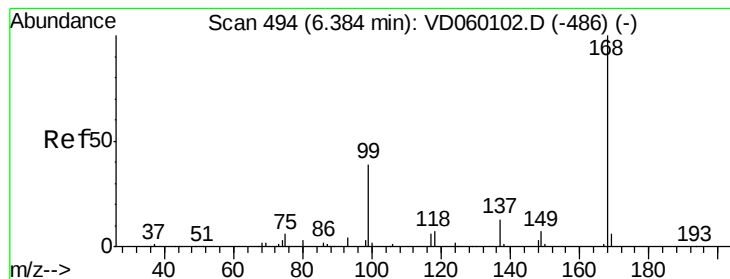
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.01 min

Lab File: VD060157.D

Acq: 9 Oct 2018 18:07

Instrument :

MSVOA_D

ClientSampleId :

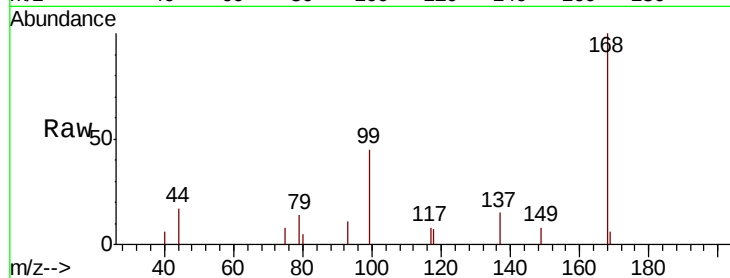
FL-PIT-1

Tot Ion:168 Resp: 20068

Ion Ratio Lower Upper

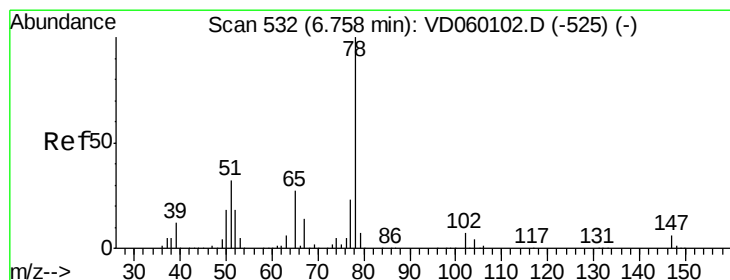
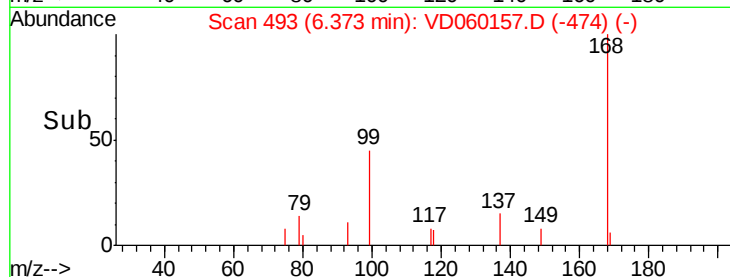
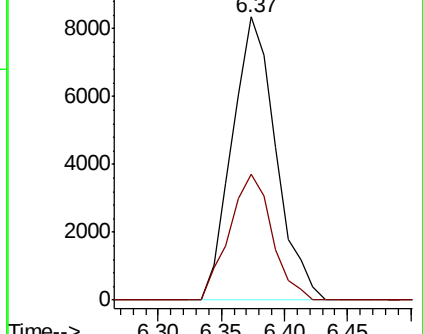
168 100

99 44.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.75 min Scan# 531

Delta R.T. -0.01 min

Lab File: VD060157.D

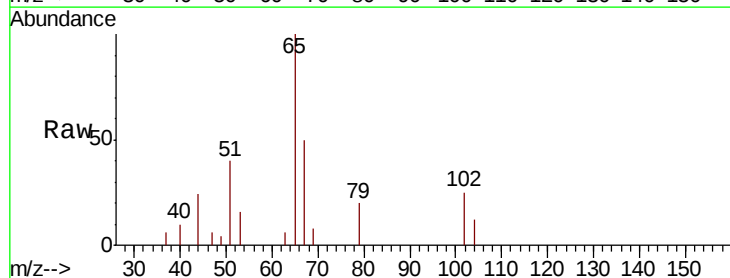
Acq: 9 Oct 2018 18:07

Tgt Ion: 65 Resp: 18598

Ion Ratio Lower Upper

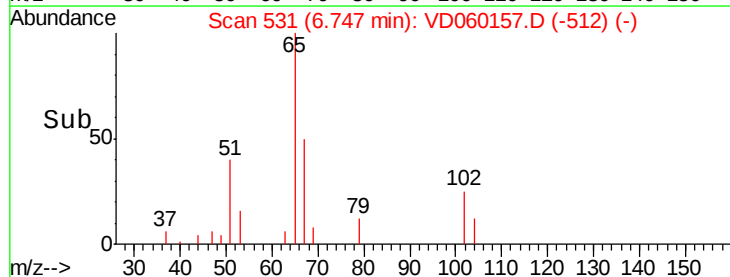
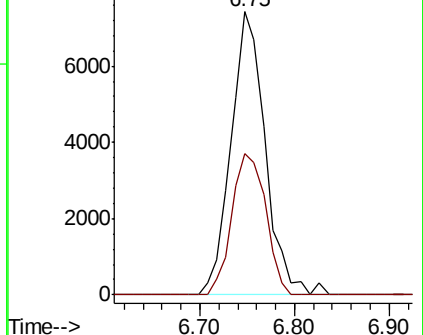
65 100

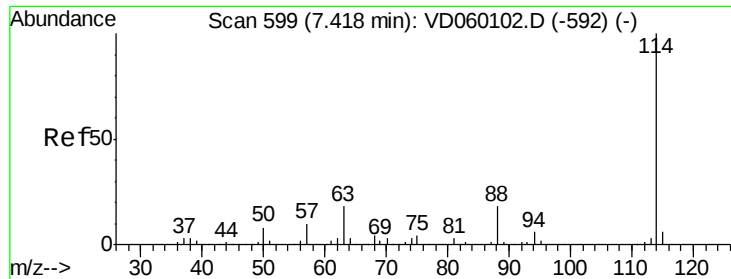
67 49.9 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

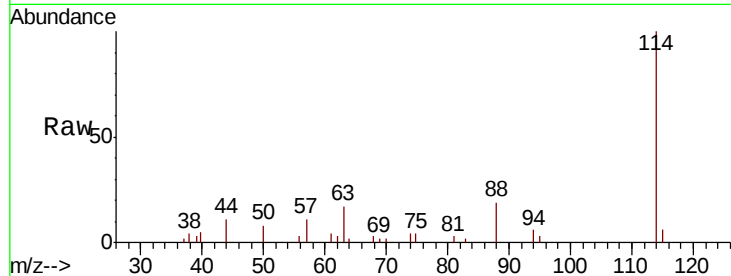




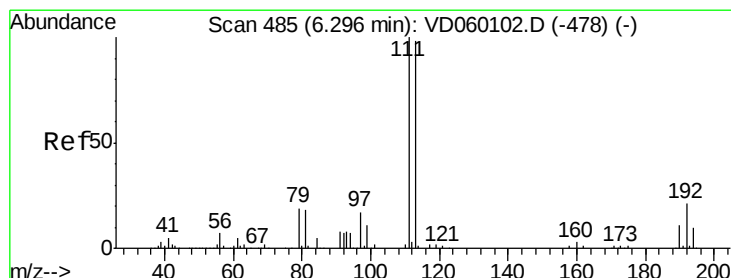
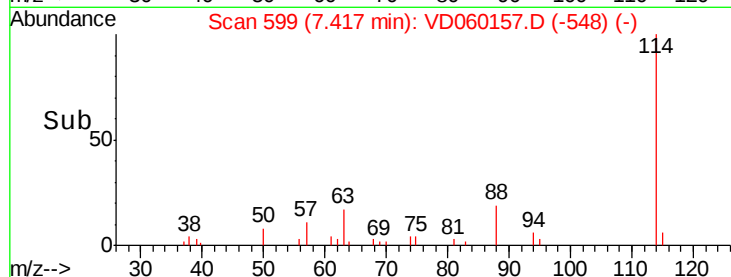
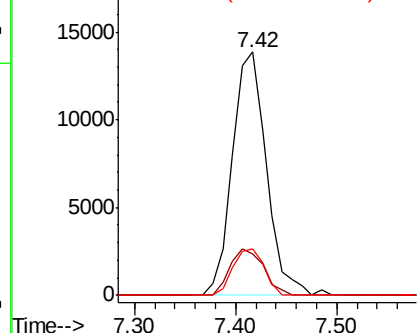
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: VD060157.D
 Acq: 9 Oct 2018 18:07

Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-1

Tot Ion:114 Resp: 32579
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 36.0
 88 19.3 0.0 36.2

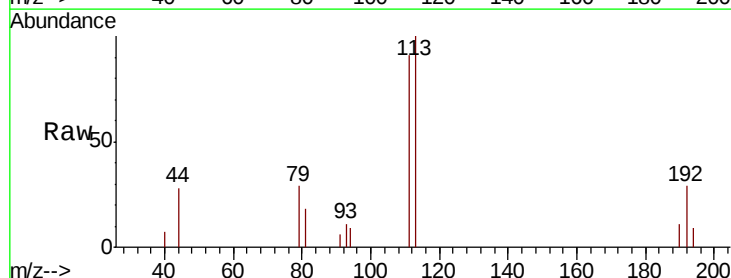


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

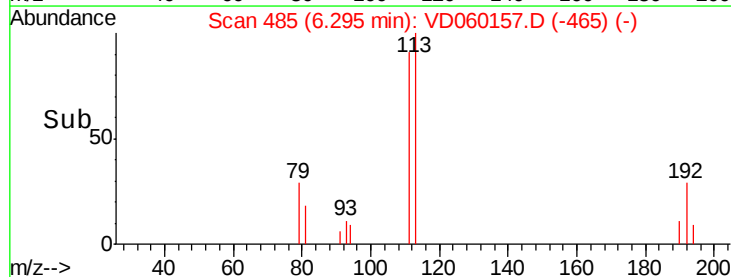
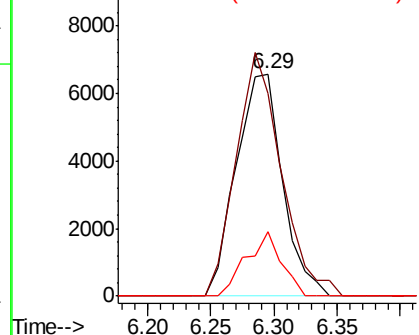


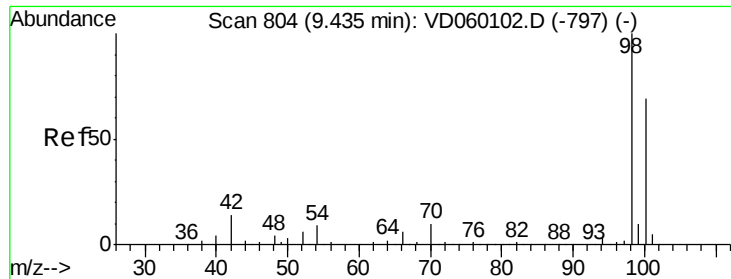
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.29 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060157.D
 Acq: 9 Oct 2018 18:07

Tgt Ion:113 Resp: 16724
 Ion Ratio Lower Upper
 113 100
 111 91.3 81.5 122.3
 192 29.3 17.4 26.0#



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

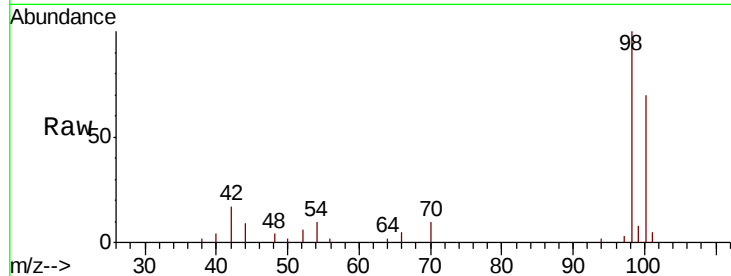




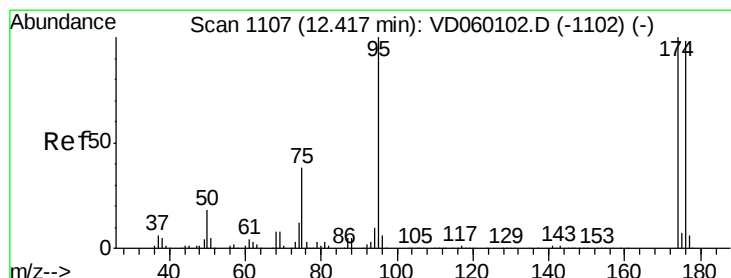
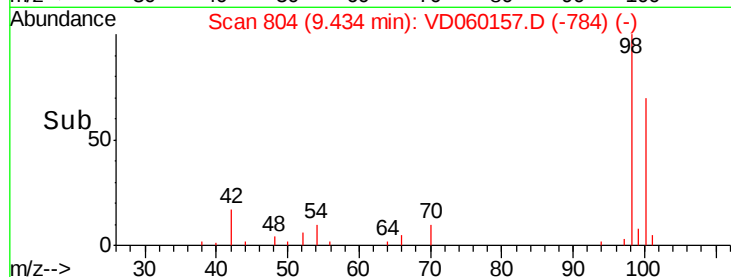
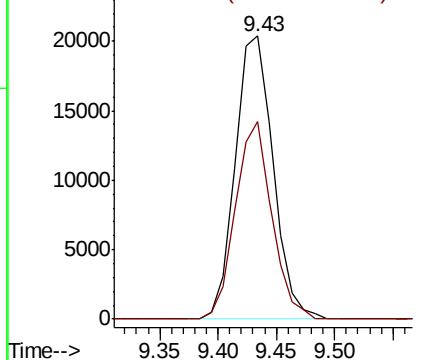
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-1

Tot Ion: 98 Resp: 45887
Ion Ratio Lower Upper
98 100
100 69.8 55.4 83.0

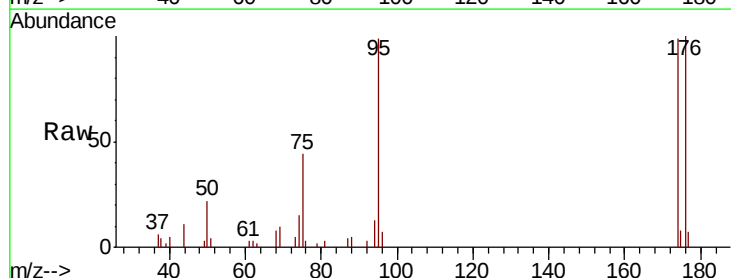


Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)
Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

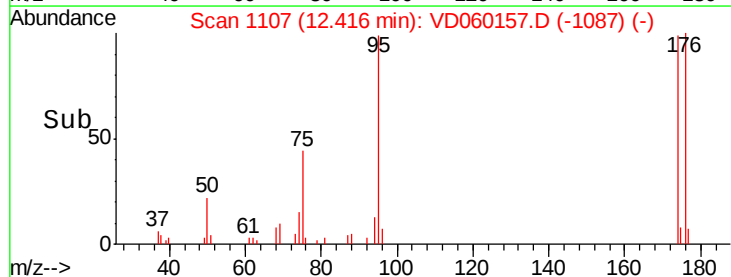
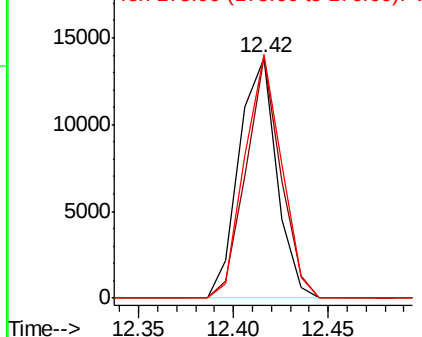


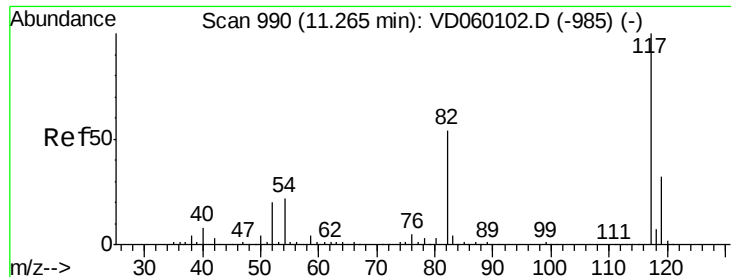
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 95 Resp: 18973
Ion Ratio Lower Upper
95 100
174 100.2 0.0 200.2
176 101.3 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)
Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)
Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

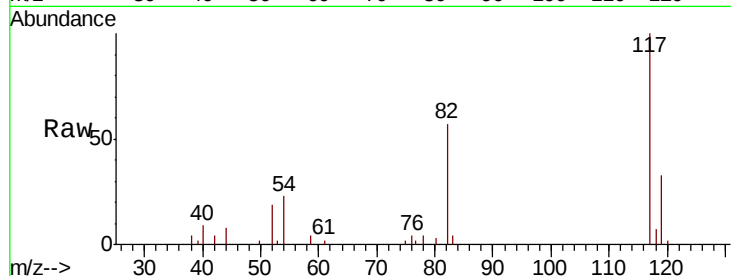




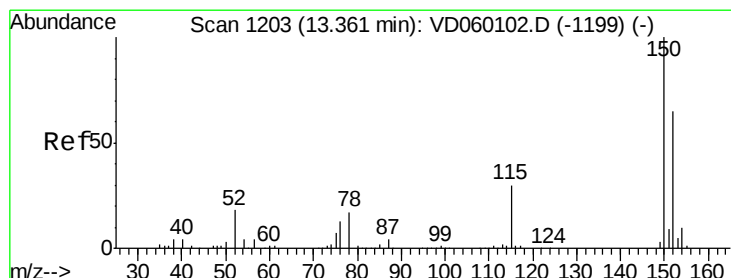
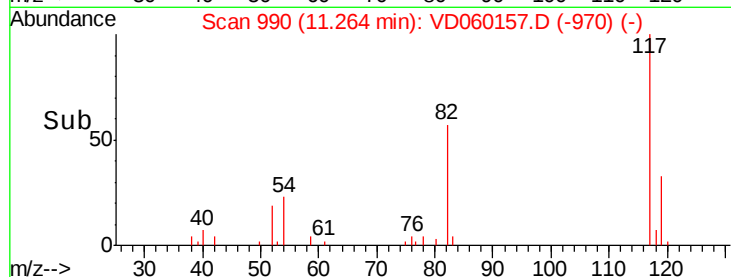
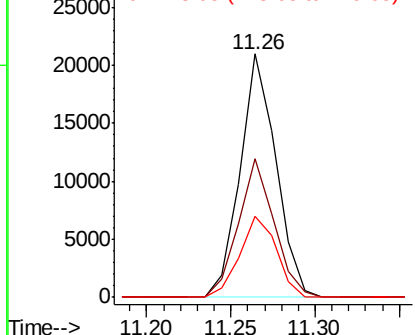
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-1

Tot Ion:117 Resp: 30962
Ion Ratio Lower Upper
117 100
82 57.1 43.4 65.2
119 33.2 26.0 39.0

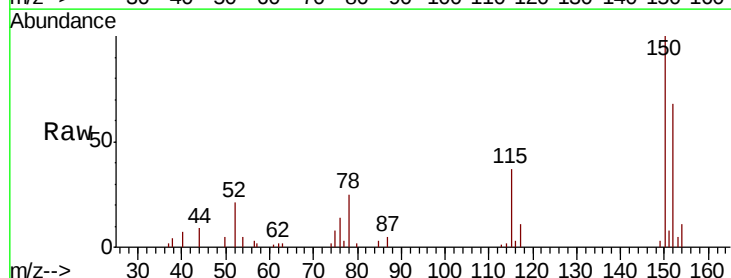


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion:152 Resp: 16539
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.2
150 147.4 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

