

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092818\
 Data File : VD060096.D
 Acq On : 28 Sep 2018 14:34
 Operator : VA/AP
 Sample : J5145-02
 Misc : 10.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-042

Quant Time: Sep 28 23:40:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

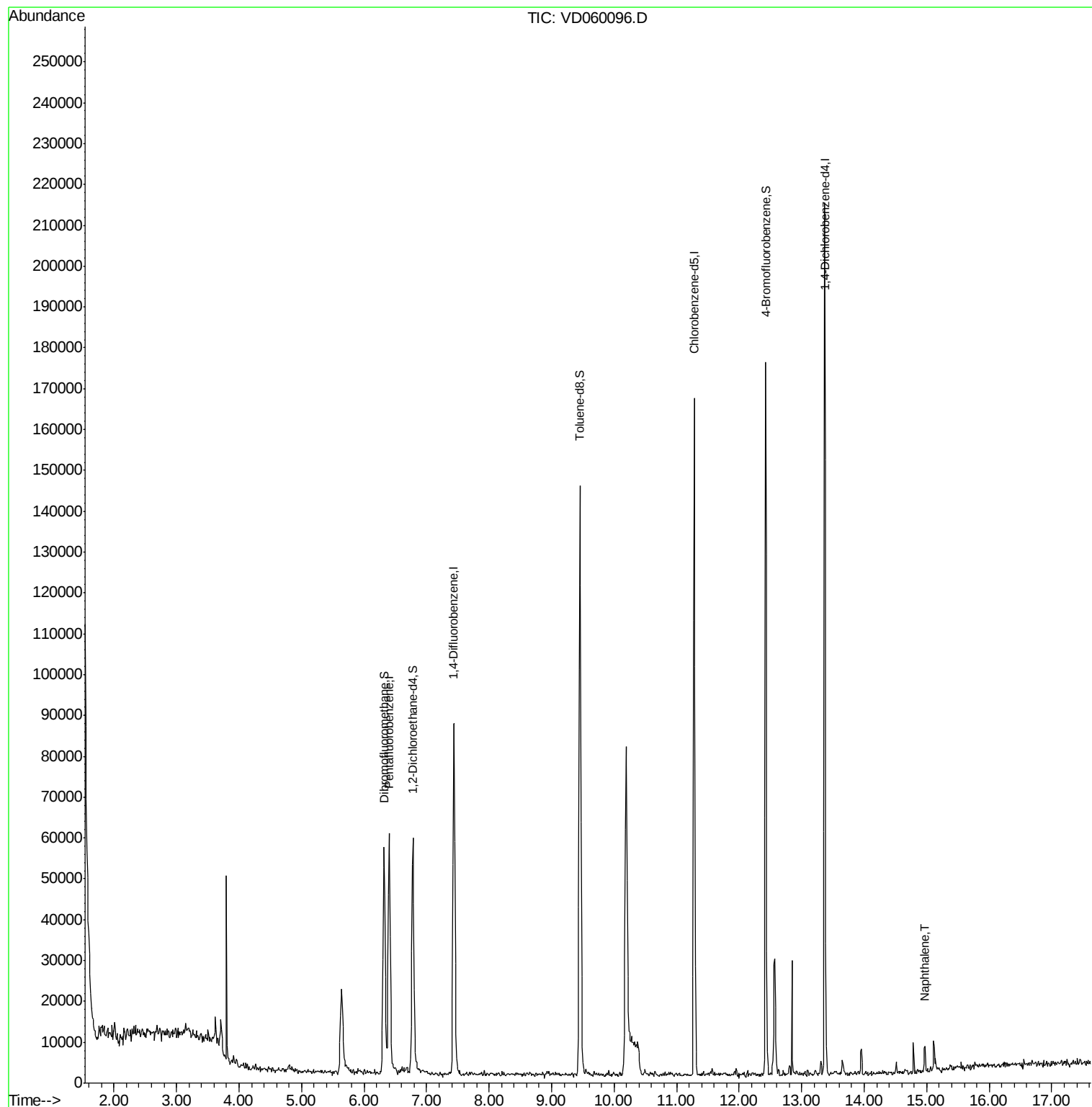
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	60183	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	94582	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	88473	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	47933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	46152	98.34	ug/l	0.02
Spiked Amount 50.000			Recovery	=	196.68%	
35) Dibromofluoromethane	6.32	113	44453	60.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	120.32%	
50) Toluene-d8	9.45	98	116002	56.65	ug/l	0.01
Spiked Amount 50.000			Recovery	=	113.30%	
62) 4-Bromofluorobenzene	12.42	95	49959	63.86	ug/l	0.01
Spiked Amount 50.000			Recovery	=	127.72%	
Target Compounds						
95) Naphthalene	14.97	128	5877	3.391	ug/l	Qvalue 96

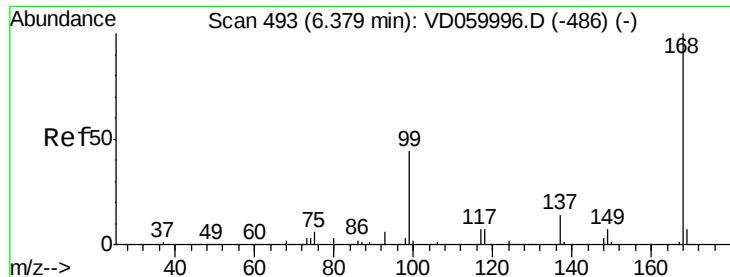
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060096.D

Acq: 28 Sep 2018 14:34

Instrument :

MSVOA_D

ClientSampleId :

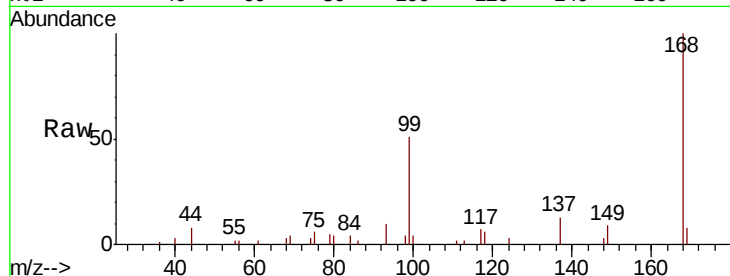
FK-PS-01-042

Tot Ion:168 Resp: 60183

Ion Ratio Lower Upper

168 100

99 50.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

25000

20000

15000

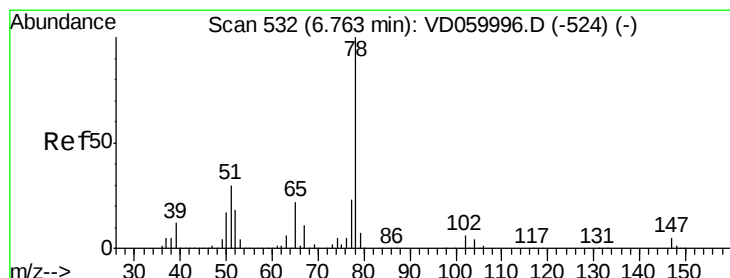
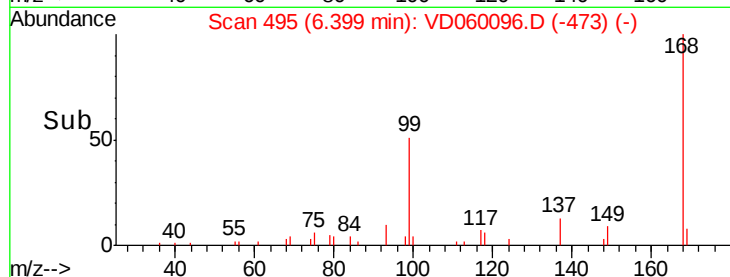
10000

5000

0

6.30 6.40 6.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060096.D

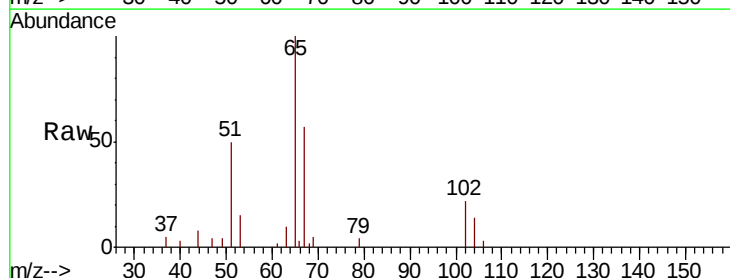
Acq: 28 Sep 2018 14:34

Tgt Ion: 65 Resp: 46152

Ion Ratio Lower Upper

65 100

67 56.6 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

20000

15000

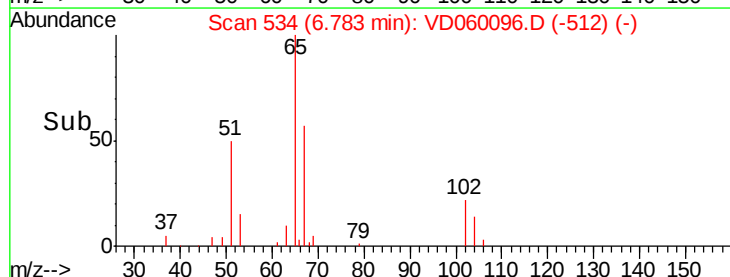
10000

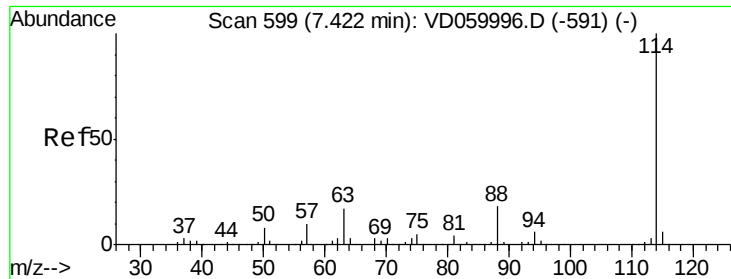
5000

0

6.70 6.80 6.90

Time-->

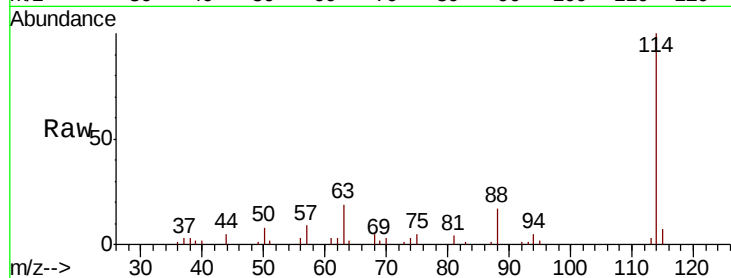




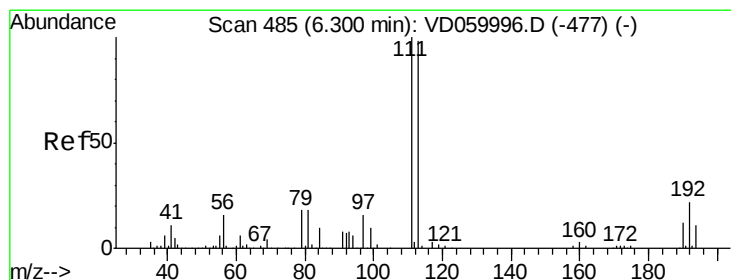
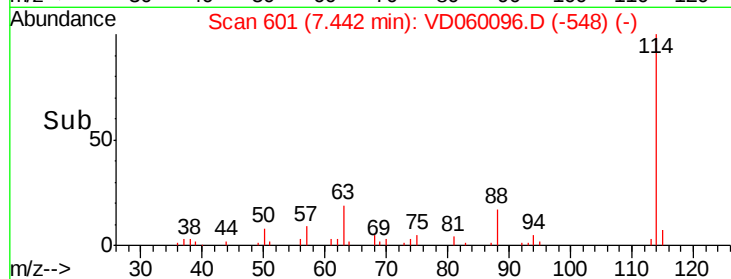
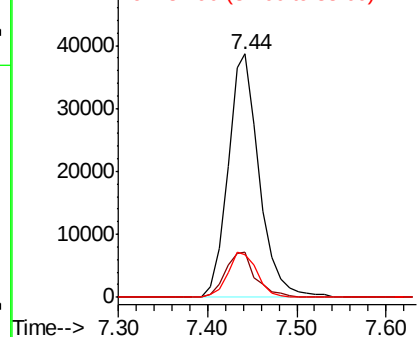
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060096.D
 Acq: 28 Sep 2018 14:34

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-042

Tot Ion:114 Resp: 94582
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.4
 88 17.3 0.0 35.8

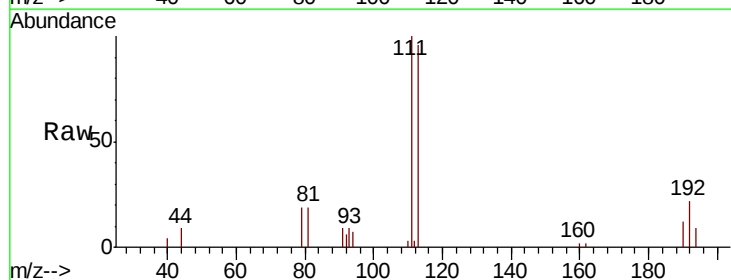


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

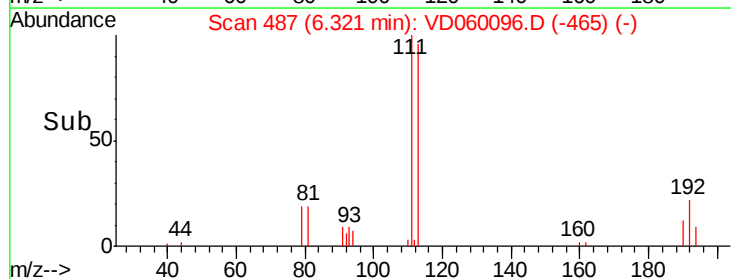
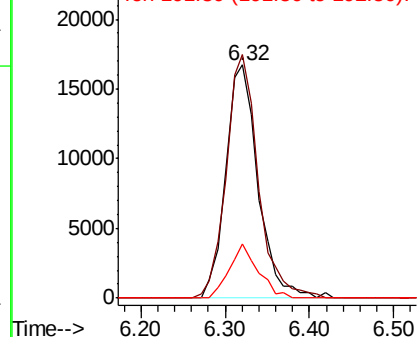


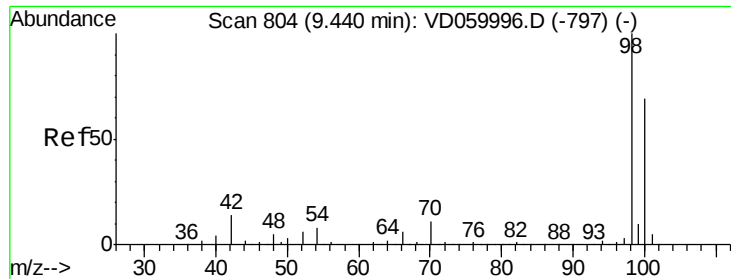
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060096.D
 Acq: 28 Sep 2018 14:34

Tgt Ion:113 Resp: 44453
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.3 121.9
 192 23.4 18.1 27.1



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

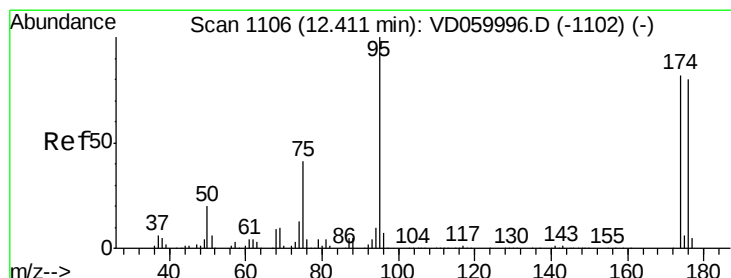
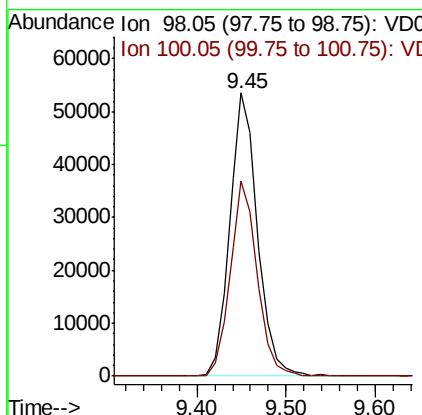
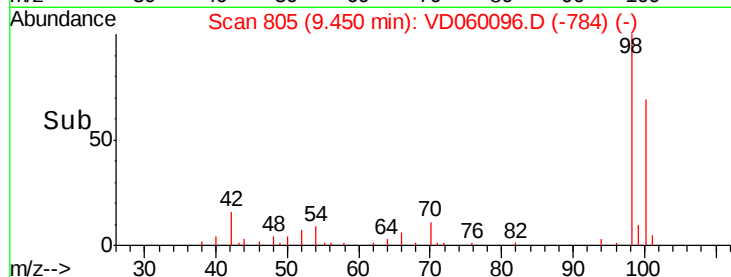
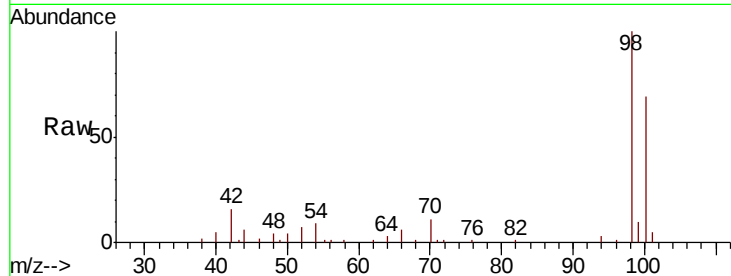




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

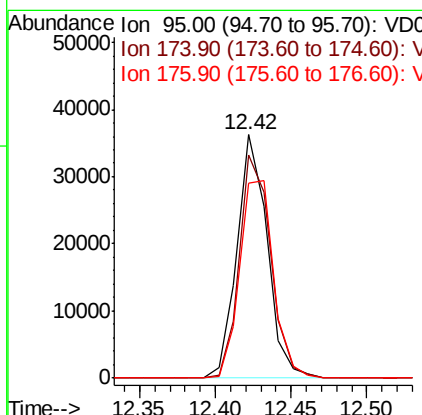
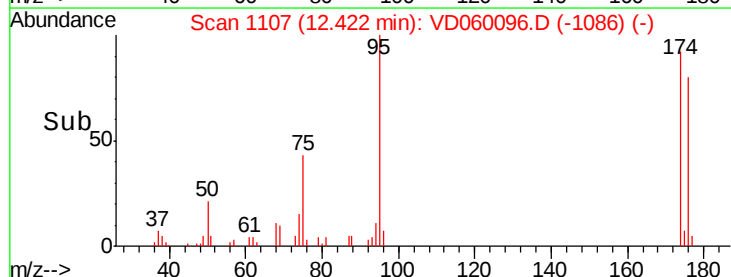
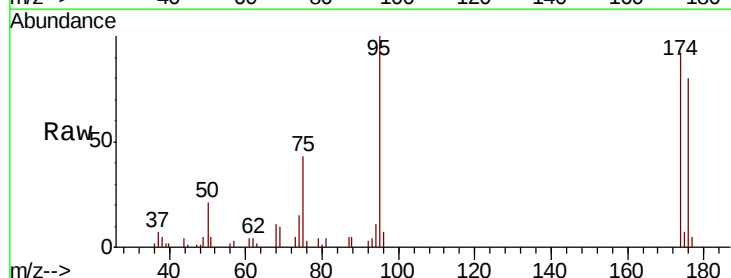
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-042

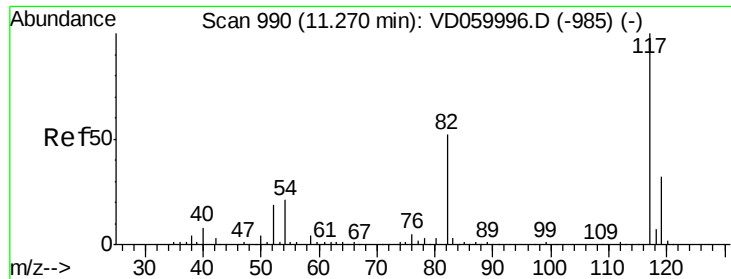
Tot Ion: 98 Resp: 116002
Ion Ratio Lower Upper
98 100
100 69.0 55.8 83.6



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 95 Resp: 49959
Ion Ratio Lower Upper
95 100
174 91.8 0.0 165.0
176 80.3 0.0 160.2

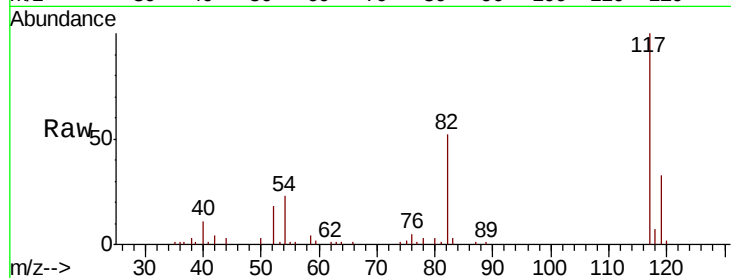




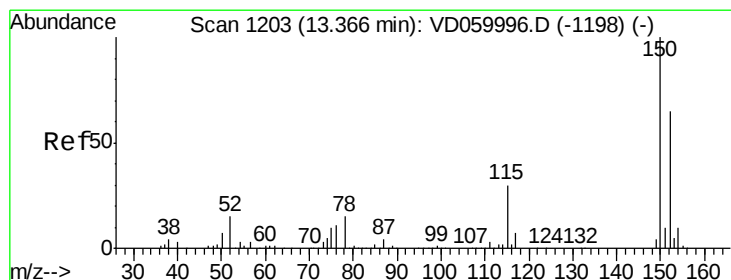
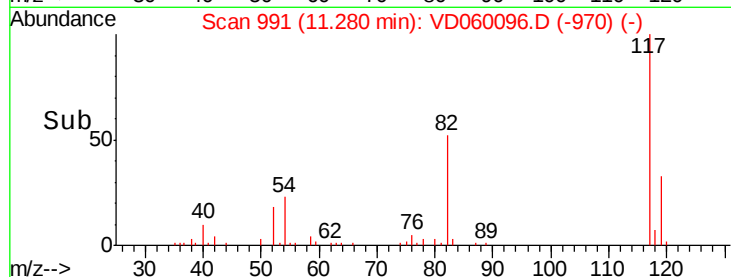
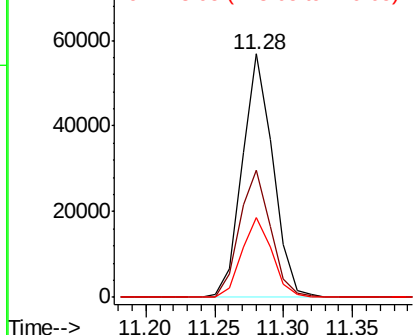
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-042

Tot Ion:117 Resp: 88473
Ion Ratio Lower Upper
117 100
82 52.3 41.7 62.5
119 32.9 26.0 39.0

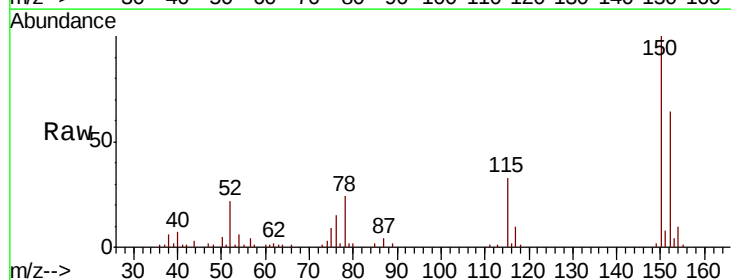


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

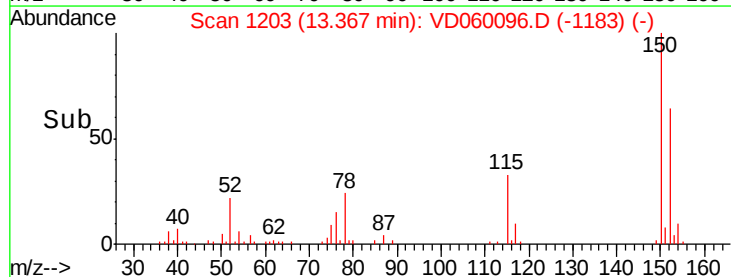
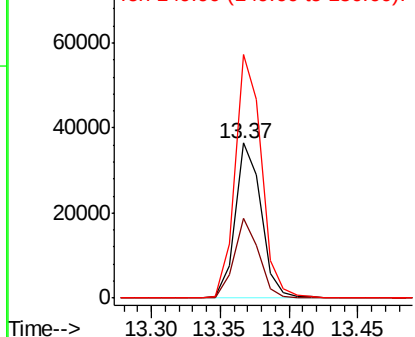


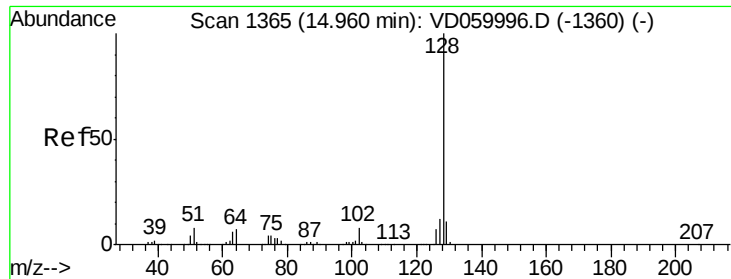
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion:152 Resp: 47933
Ion Ratio Lower Upper
152 100
115 51.2 24.6 73.8
150 157.0 0.0 313.4



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





#95

Naphthalene

Concen: 3.391 ug/l

RT: 14.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD060096.D

Acq: 28 Sep 2018 14:34

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-042

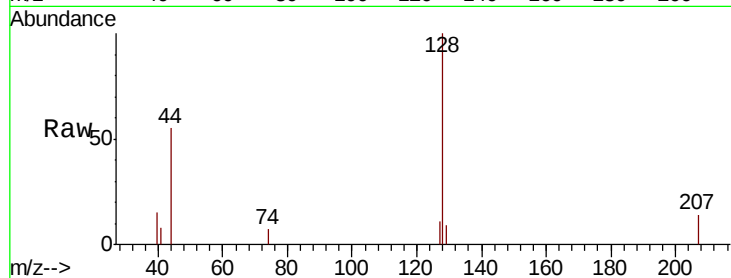
Tot Ion:128 Resp: 5877

Ion Ratio Lower Upper

128 100

127 11.1 9.7 14.5

129 9.3 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

