

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059857.D
 Acq On : 21 Aug 2018 15:54
 Operator : JC/SY
 Sample : J4569-02
 Misc : 10.27g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-037

Quant Time: Aug 22 01:42:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 04:40:12 2018
 Response via : Initial Calibration

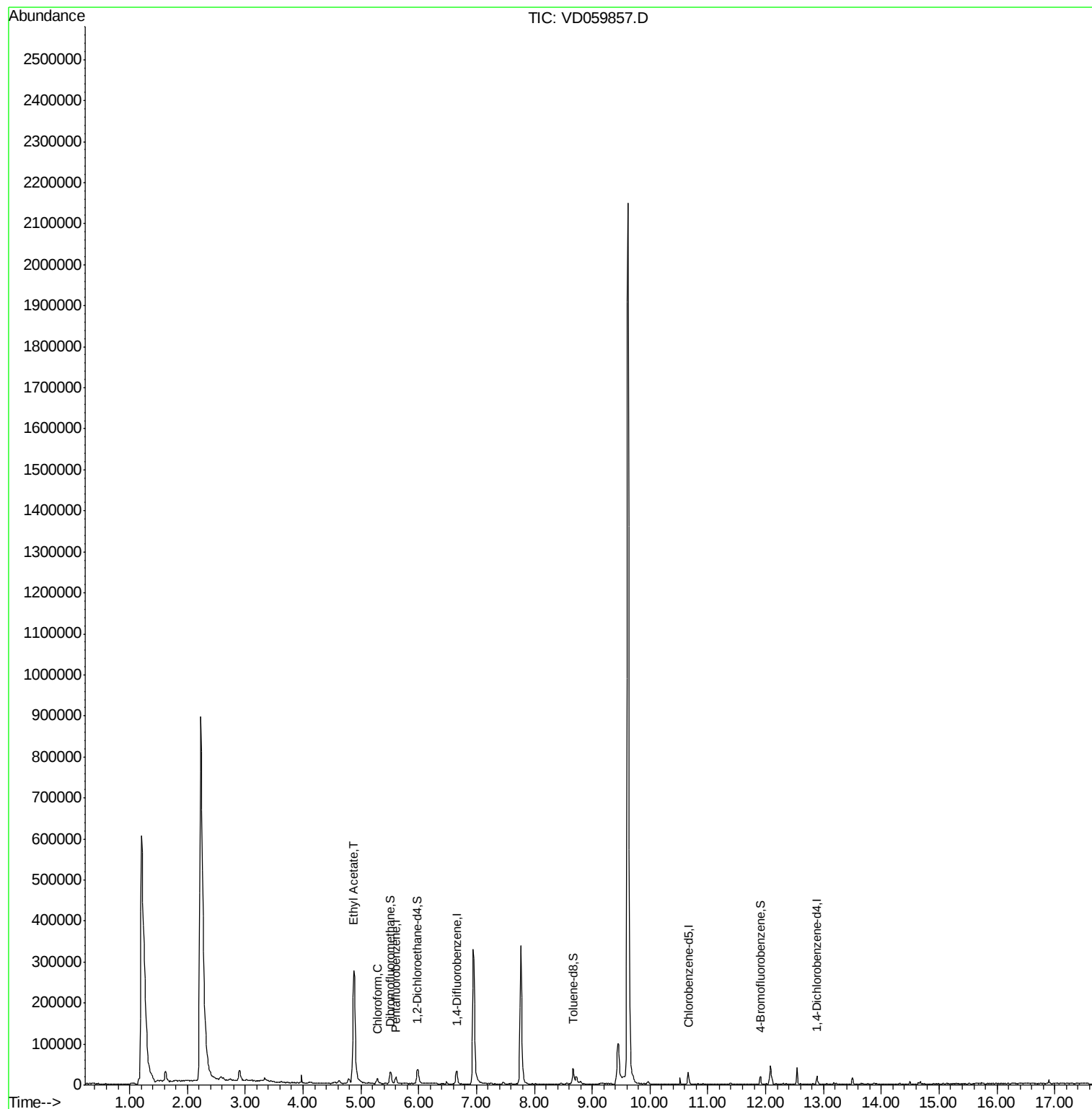
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	16539	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	36379	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.66	117	19549	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	4735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	28545	215.65	ug/l	0.01
Spiked Amount 50.000			Recovery	=	431.30%	
35) Dibromofluoromethane	5.51	113	25520	94.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	189.68%	
50) Toluene-d8	8.67	98	33662	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
62) 4-Bromofluorobenzene	11.90	95	6724	24.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.30%	
Target Compounds						
30) Chloroform	5.28	83	12666	44.12	ug/l	98
37) Ethyl Acetate	4.88	43	520582	2276.19	ug/l	98

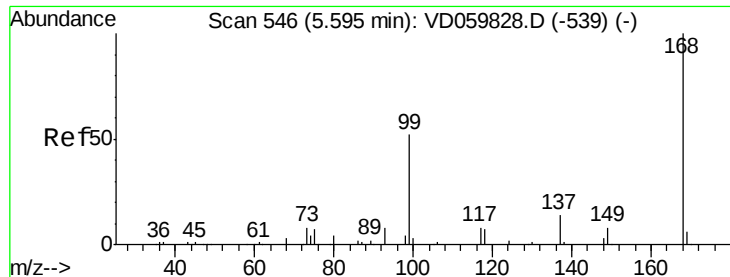
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.61 min Scan# 547

Delta R.T. 0.01 min

Lab File: VD059857.D

Acq: 21 Aug 2018 15:54

Instrument :

MSVOA_D

ClientSampleId :

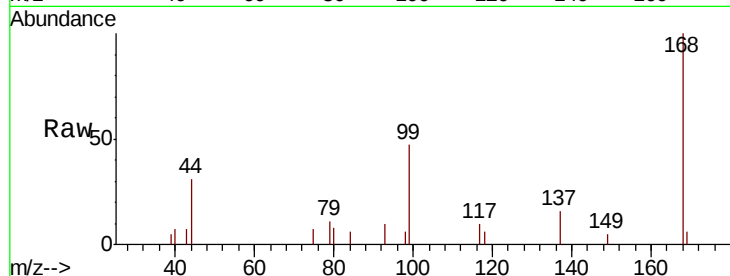
FK-PS-01-037

Tot Ion:168 Resp: 16539

Ion Ratio Lower Upper

168 100

99 47.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.61

8000

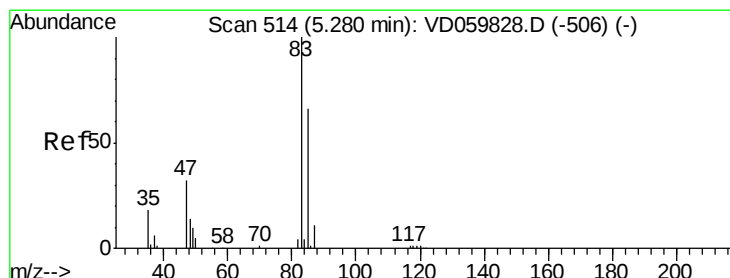
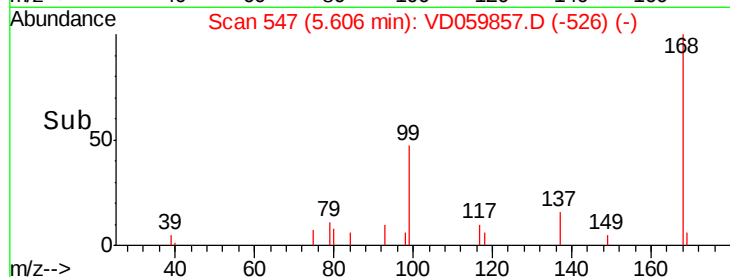
6000

4000

2000

0

Time--> 5.50 5.55 5.60 5.65 5.70



#30

Chloroform

Concen: 44.12 ug/l

RT: 5.28 min Scan# 514

Delta R.T. 0.00 min

Lab File: VD059857.D

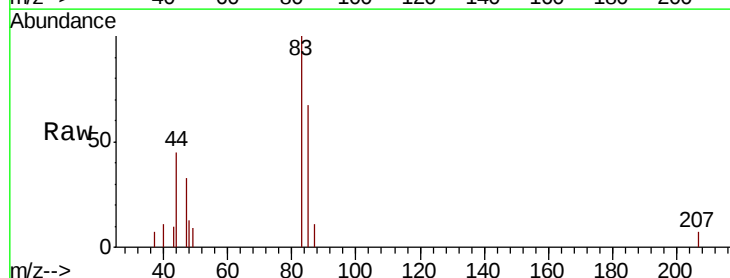
Acq: 21 Aug 2018 15:54

Tgt Ion: 83 Resp: 12666

Ion Ratio Lower Upper

83 100

85 67.3 52.9 79.3



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

5.28

5000

4000

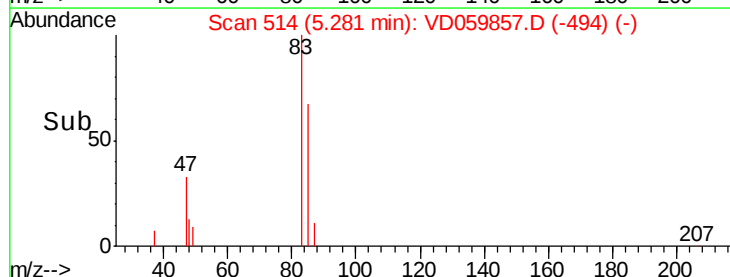
3000

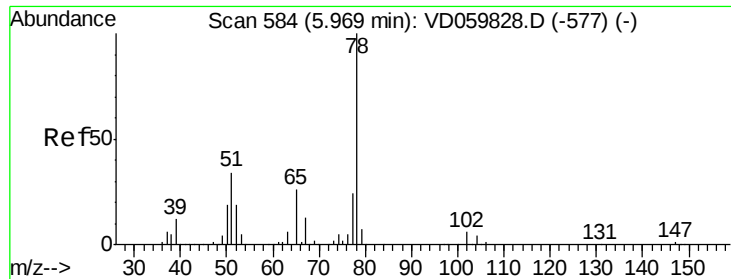
2000

1000

0

Time--> 5.20 5.25 5.30 5.35





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.98 min Scan# 585

Delta R.T. 0.01 min

Lab File: VD059857.D

Acq: 21 Aug 2018 15:54

Instrument :

MSVOA_D

ClientSampleId :

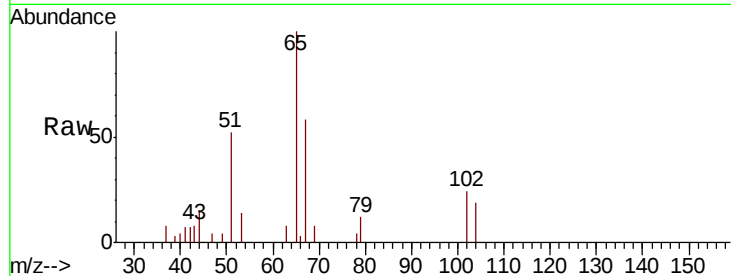
FK-PS-01-037

Tot Ion: 65 Resp: 28545

Ion Ratio Lower Upper

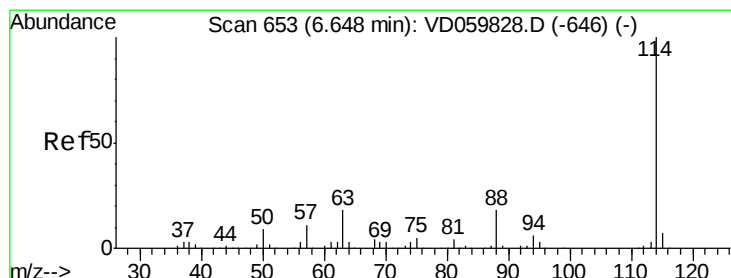
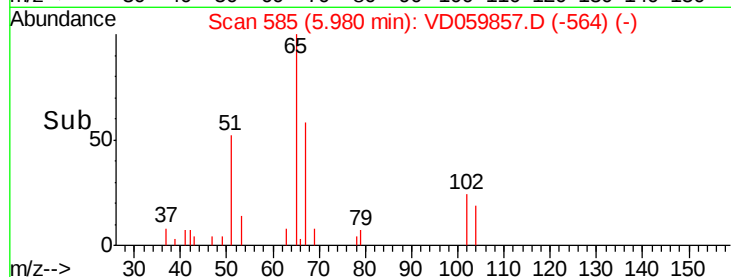
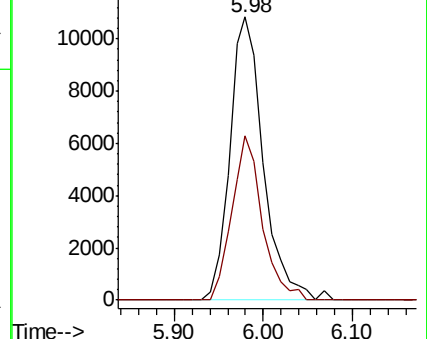
65 100

67 58.1 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.66 min Scan# 654

Delta R.T. 0.01 min

Lab File: VD059857.D

Acq: 21 Aug 2018 15:54

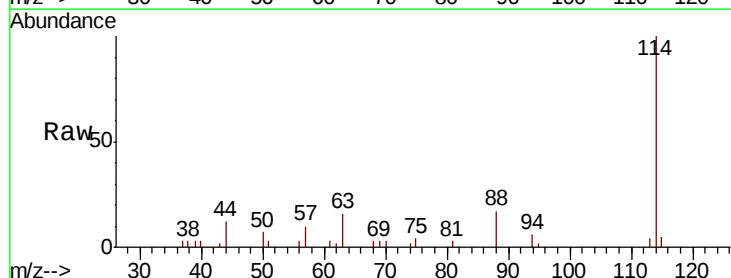
Tgt Ion: 114 Resp: 36379

Ion Ratio Lower Upper

114 100

63 16.1 0.0 37.0

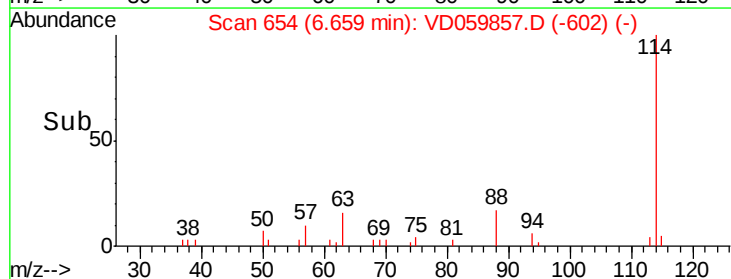
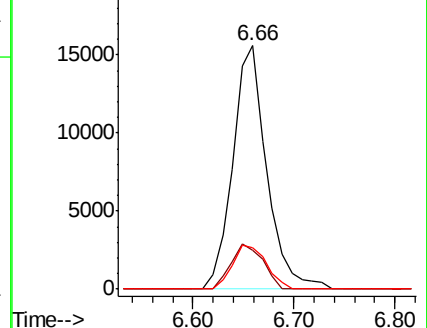
88 16.9 0.0 37.0

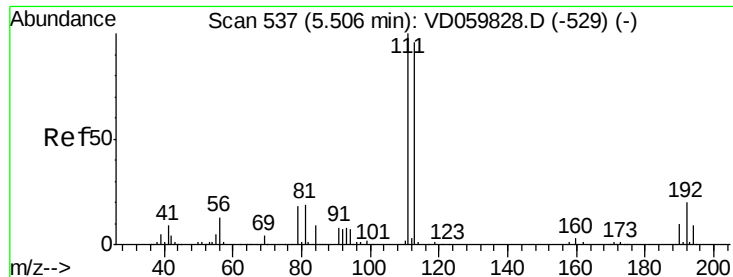


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.51 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD059857.D

Acq: 21 Aug 2018 15:54

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-037

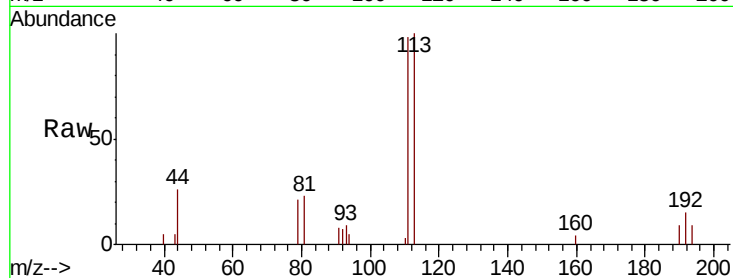
Tot Ion:113 Resp: 25520

Ion Ratio Lower Upper

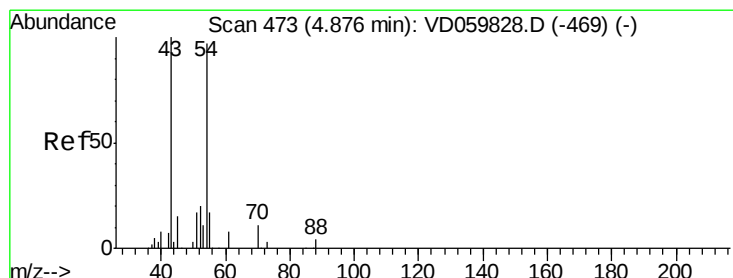
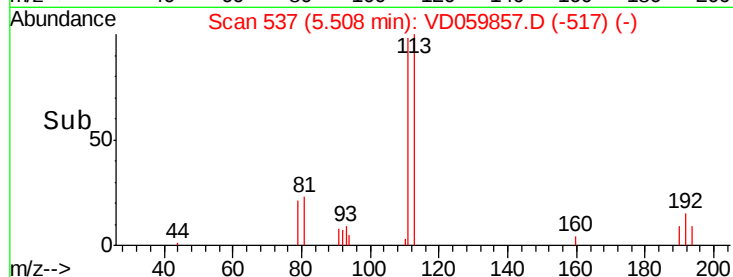
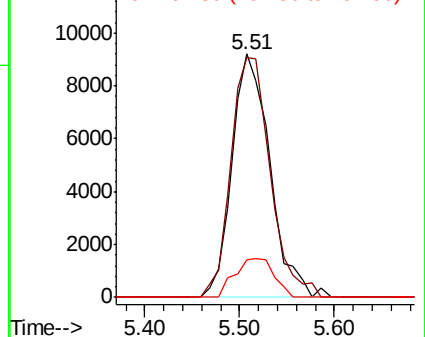
113 100

111 98.5 83.3 124.9

192 15.3 16.8 25.2#



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



#37

Ethyl Acetate

Concen: 2276.19 ug/l

RT: 4.88 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD059857.D

Acq: 21 Aug 2018 15:54

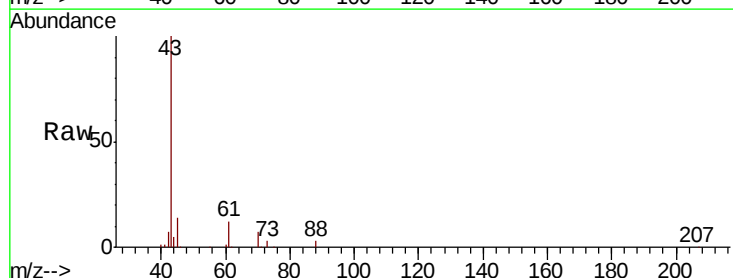
Tgt Ion: 43 Resp: 520582

Ion Ratio Lower Upper

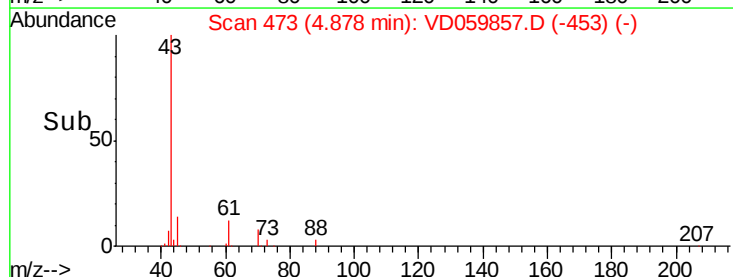
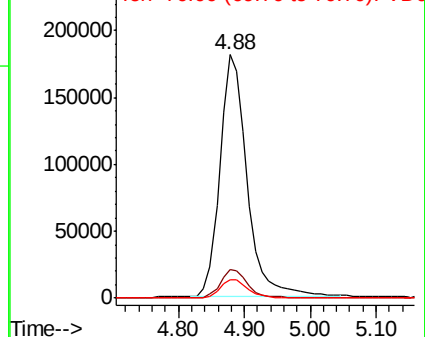
43 100

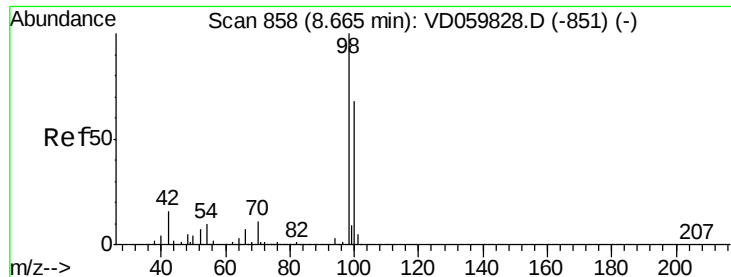
61 11.6 10.4 15.6

70 7.5 6.2 9.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.67 min Scan# 858

Delta R.T. 0.00 min

Lab File: VD059857.D

Acq: 21 Aug 2018 15:54

Instrument :

MSVOA_D

ClientSampleId :

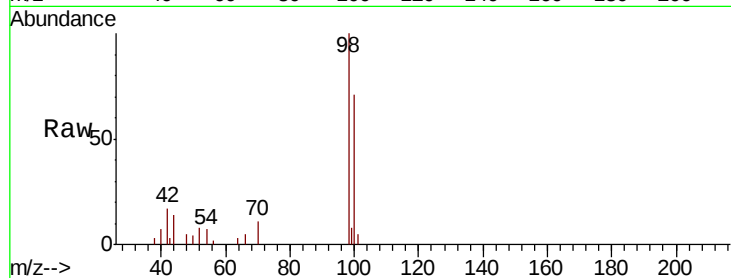
FK-PS-01-037

Tot Ion: 98 Resp: 33662

Ion Ratio Lower Upper

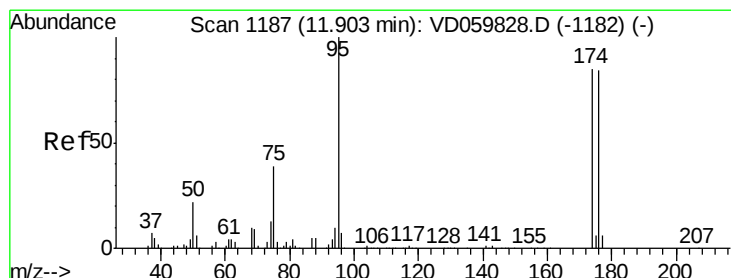
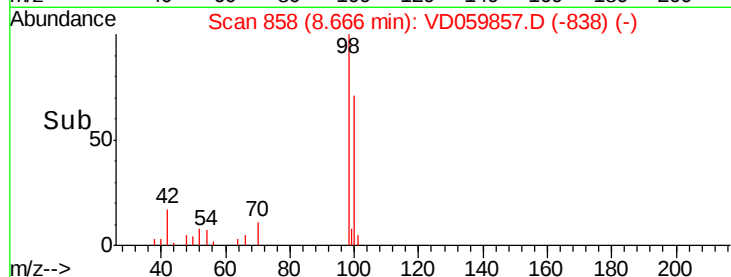
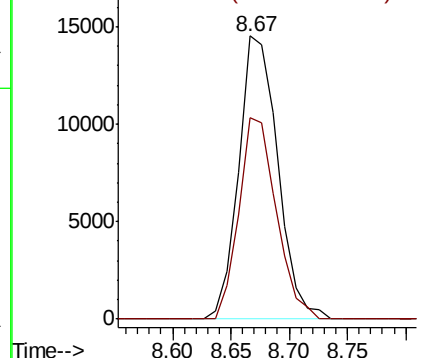
98 100

100 71.4 55.0 82.4



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: 11.90 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VD059857.D

Acq: 21 Aug 2018 15:54

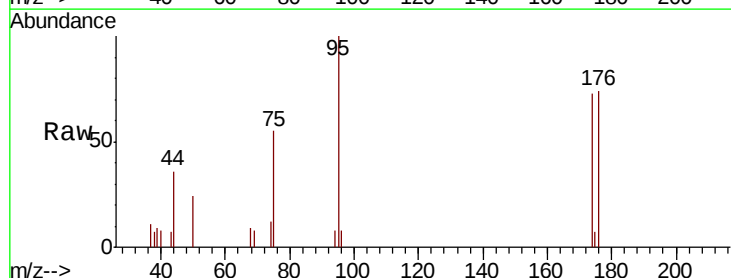
Tgt Ion: 95 Resp: 6724

Ion Ratio Lower Upper

95 100

174 72.8 0.0 169.2

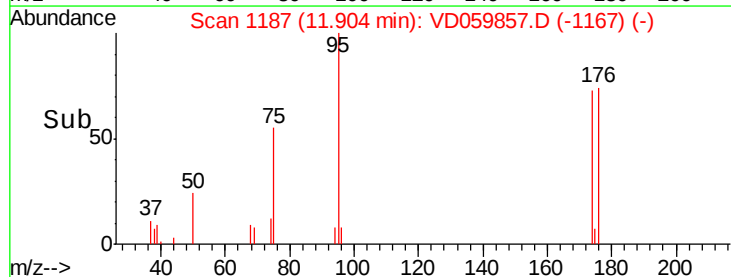
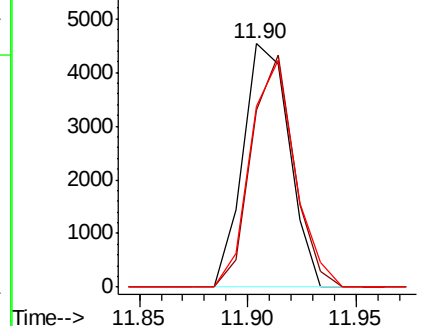
176 74.1 0.0 168.0

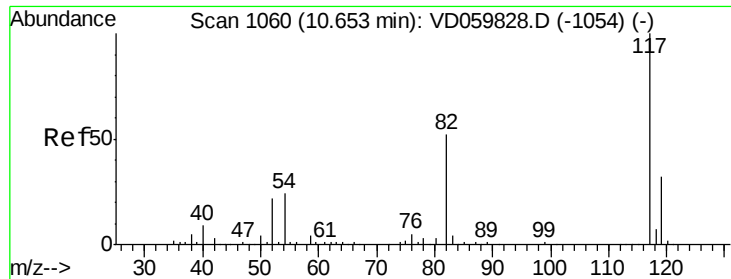


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

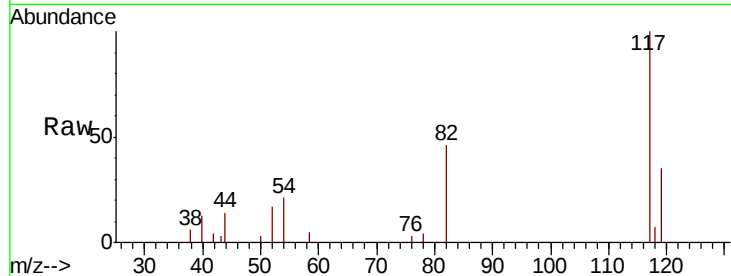




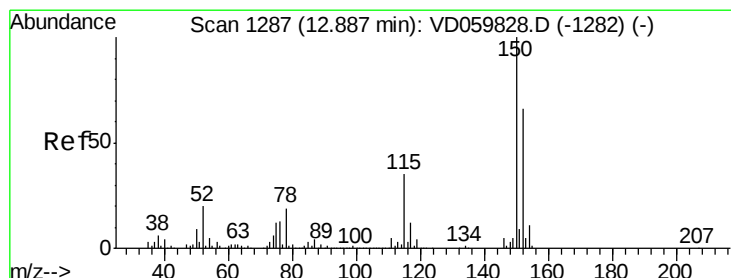
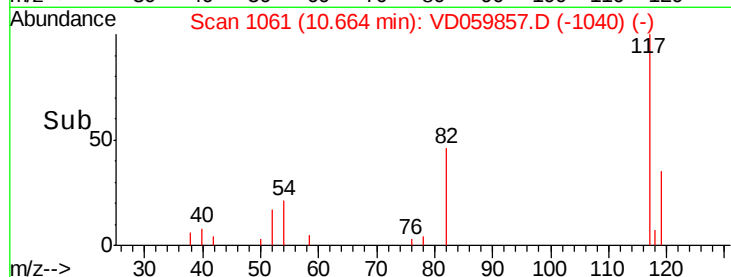
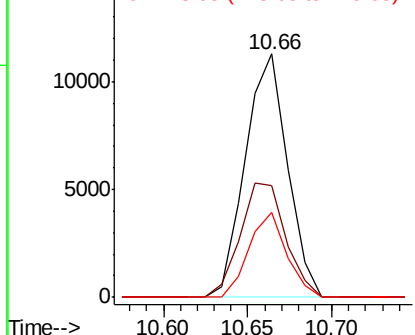
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD059857.D
Acq: 21 Aug 2018 15:54

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-037

Tot Ion:117 Resp: 19549
Ion Ratio Lower Upper
117 100
82 45.9 41.6 62.4
119 35.1 25.6 38.4

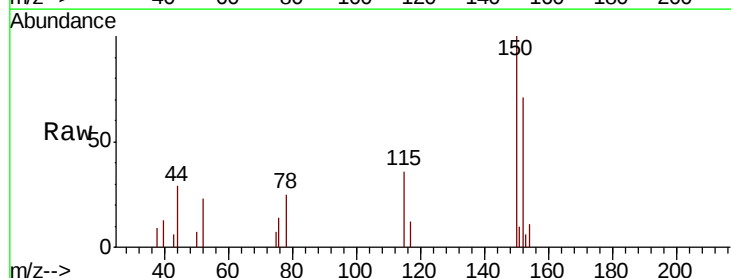


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059857.D
Acq: 21 Aug 2018 15:54

Tgt Ion:152 Resp: 4735
Ion Ratio Lower Upper
152 100
115 50.6 26.9 80.6
150 141.4 0.0 306.8



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

