

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059863.D
 Acq On : 21 Aug 2018 18:44
 Operator : JC/SY
 Sample : J4553-02RE
 Misc : 6.14g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-P-9(30-36)RE

Quant Time: Aug 22 01:54:19 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	5.60	168	806407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	1235982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	699829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	94356	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	410770	63.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.28%	
35) Dibromofluoromethane	5.51	113	549384	60.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.18%	
50) Toluene-d8	8.67	98	1172173	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.91	95	202175	21.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.74%	

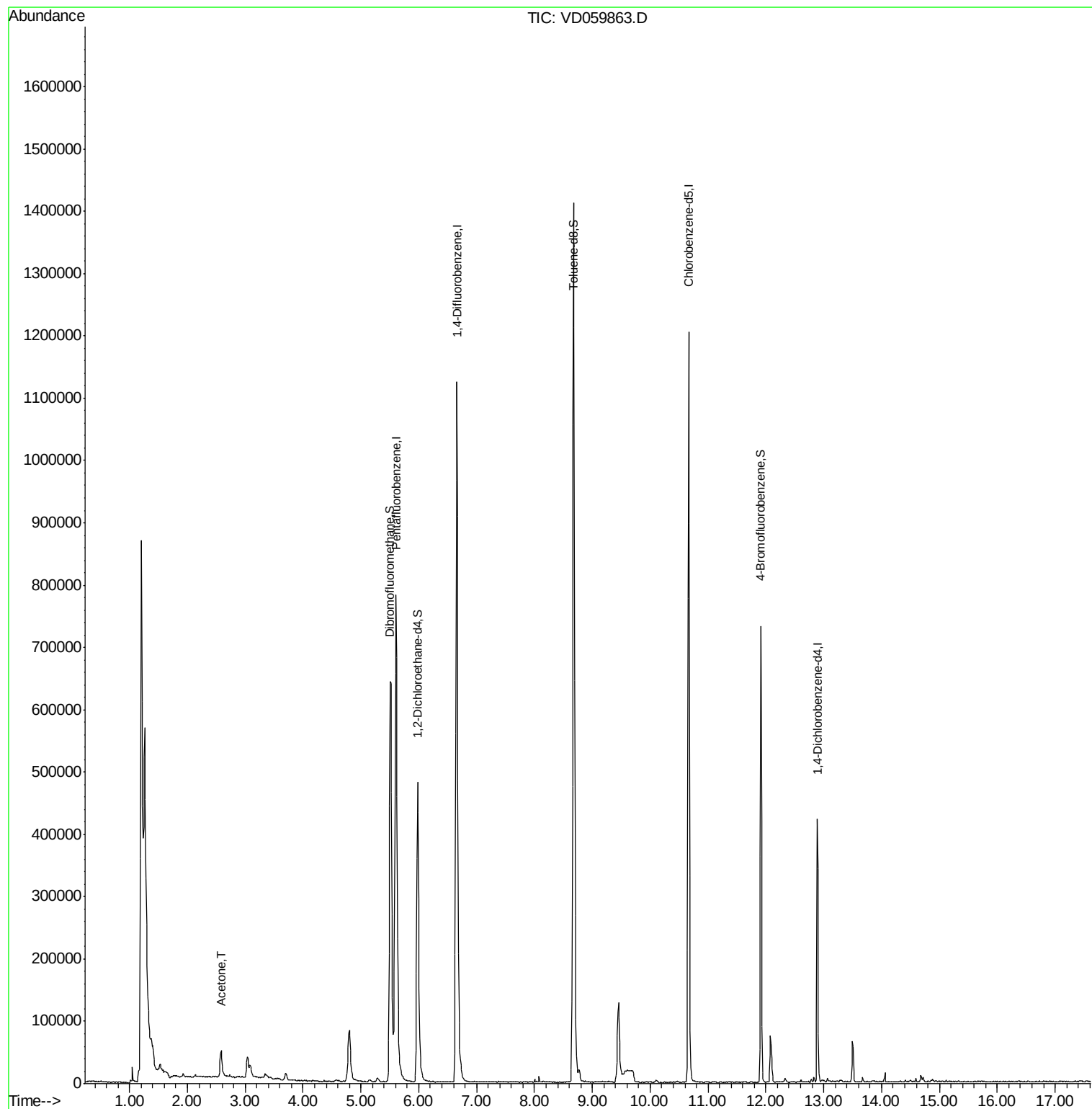
Target Compounds						Qvalue
16) Acetone	2.58	43	76052	70.31	ug/l	98

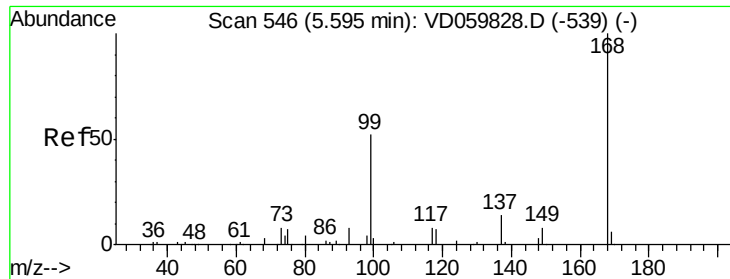
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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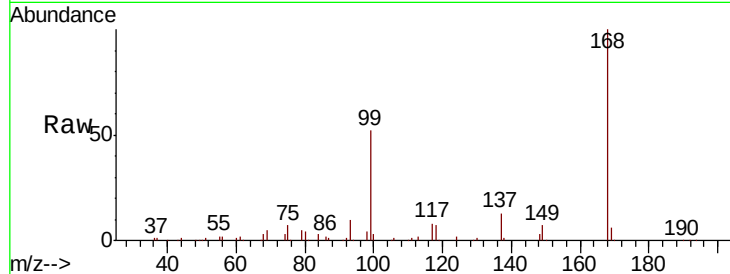


#1

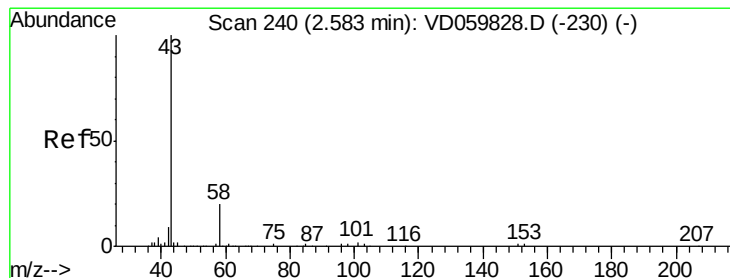
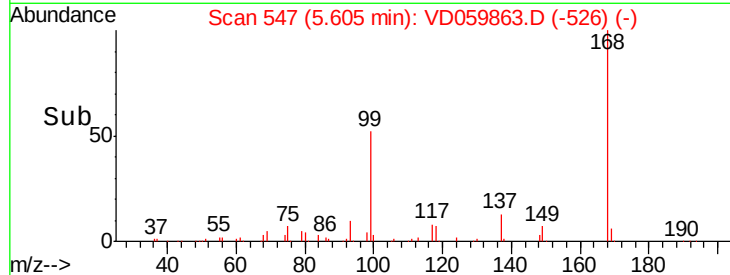
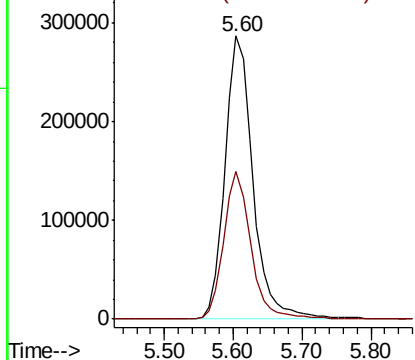
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.60 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: VD059863.D
 Acq: 21 Aug 2018 18:44

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-P-9(30-36)RE

Tot Ion:168 Resp: 806407
 Ion Ratio Lower Upper
 168 100
 99 52.1 43.6 65.4



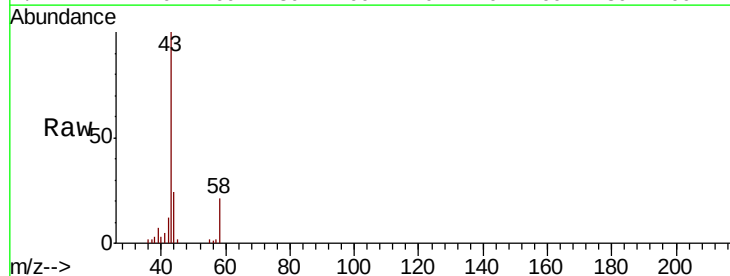
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



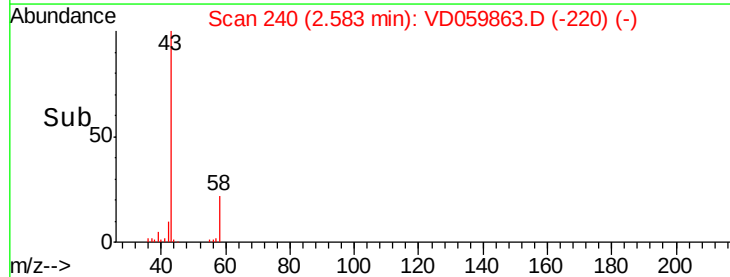
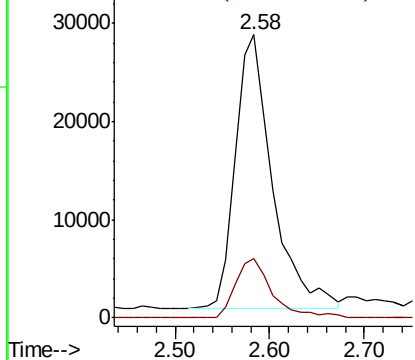
#16

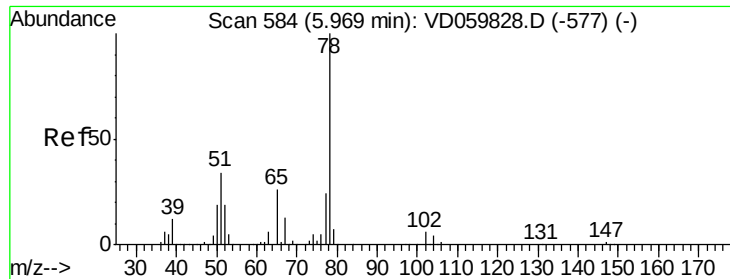
Acetone
 Concen: 70.31 ug/l
 RT: 2.58 min Scan# 240
 Delta R.T. 0.00 min
 Lab File: VD059863.D
 Acq: 21 Aug 2018 18:44

Tgt Ion: 43 Resp: 76052
 Ion Ratio Lower Upper
 43 100
 58 21.0 16.2 24.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

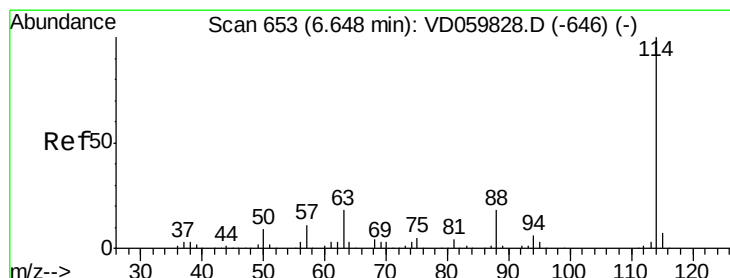
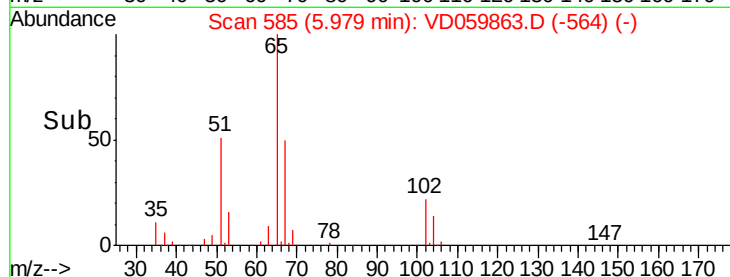
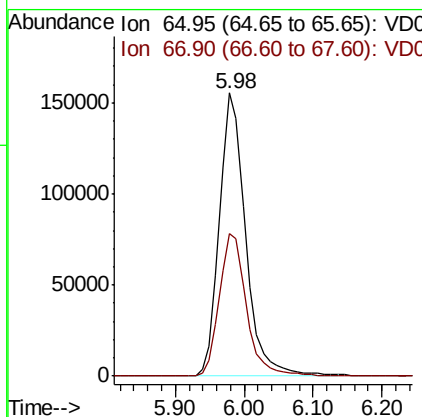
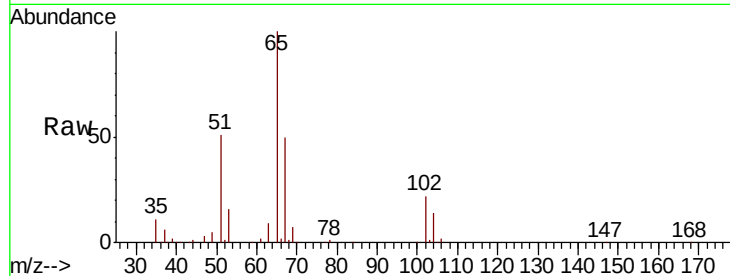




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 5.98 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: VD059863.D
 Acq: 21 Aug 2018 18:44

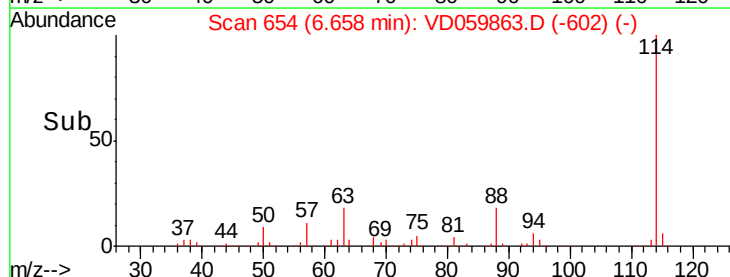
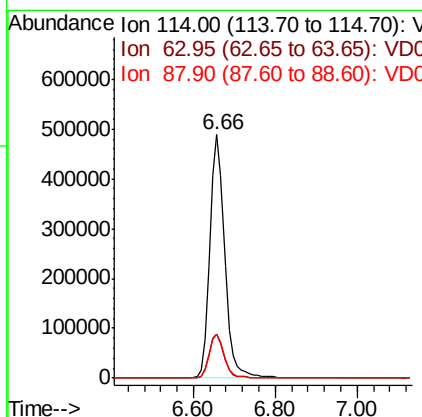
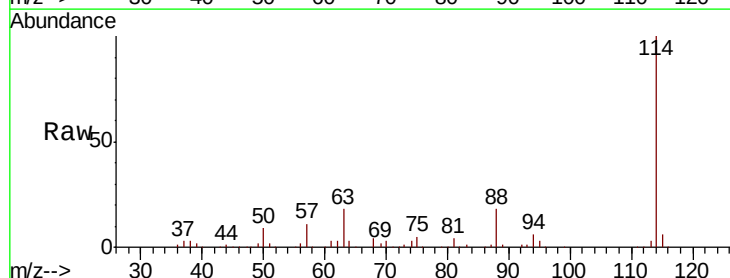
Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-P-9(30-36)RE

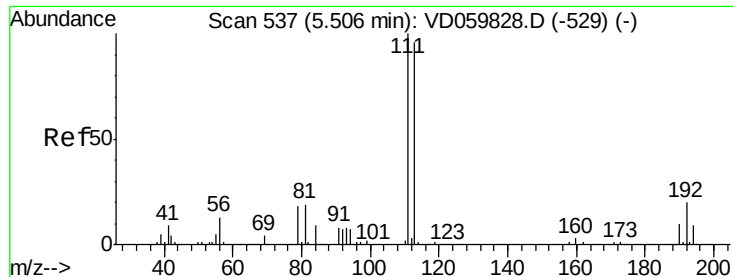
Tot Ion: 65 Resp: 410770
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VD059863.D
 Acq: 21 Aug 2018 18:44

Tgt Ion: 114 Resp: 1235982
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.0
 88 18.3 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.51 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD059863.D

Acq: 21 Aug 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

EPE-P-9(30-36)RE

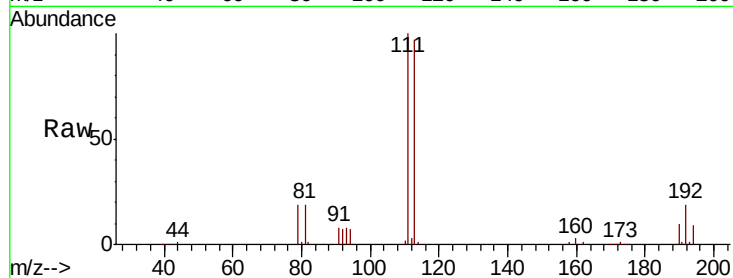
Tot Ion:113 Resp: 549384

Ion Ratio Lower Upper

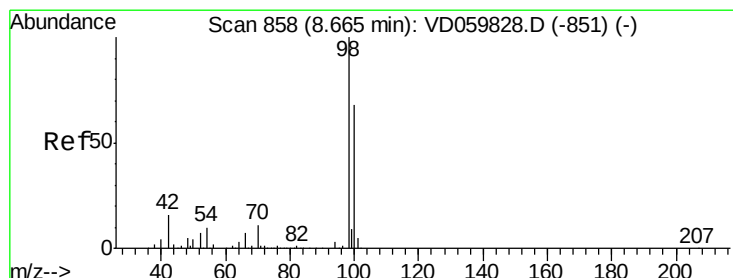
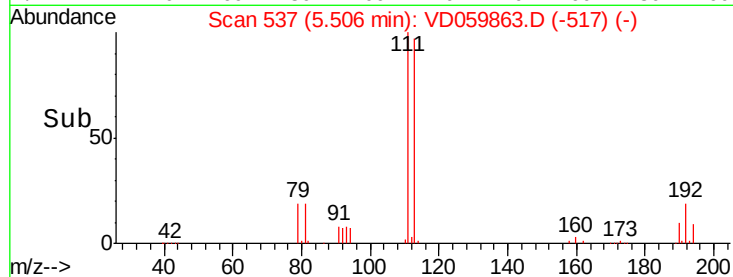
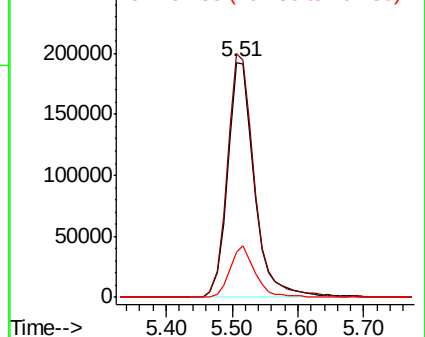
113 100

111 103.6 83.3 124.9

192 19.4 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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.67 min Scan# 859

Delta R.T. 0.01 min

Lab File: VD059863.D

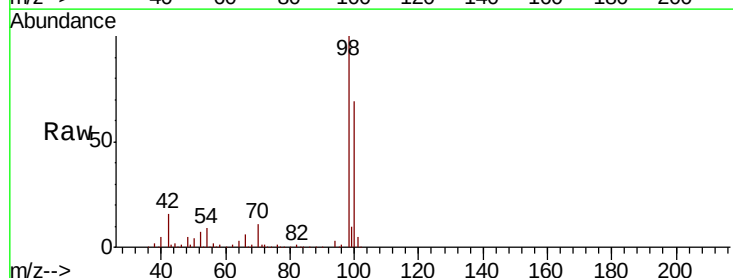
Acq: 21 Aug 2018 18:44

Tgt Ion: 98 Resp: 1172173

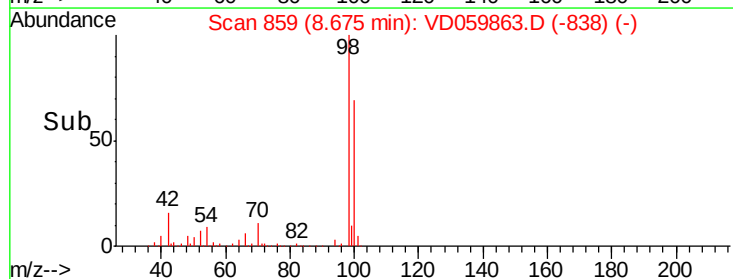
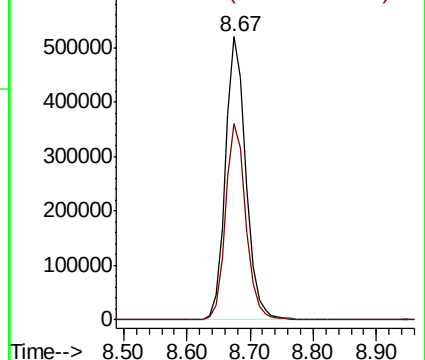
Ion Ratio Lower Upper

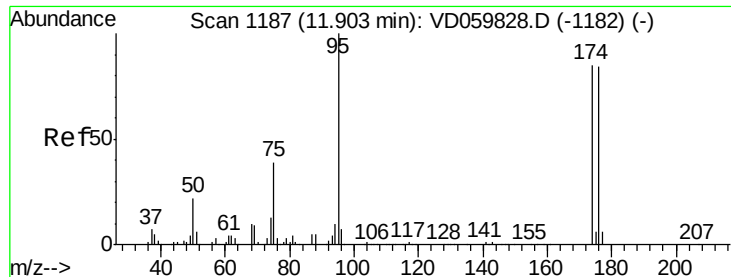
98 100

100 69.4 55.0 82.4



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1188

Delta R.T. 0.01 min

Lab File: VD059863.D

Acq: 21 Aug 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

EPE-P-9(30-36)RE

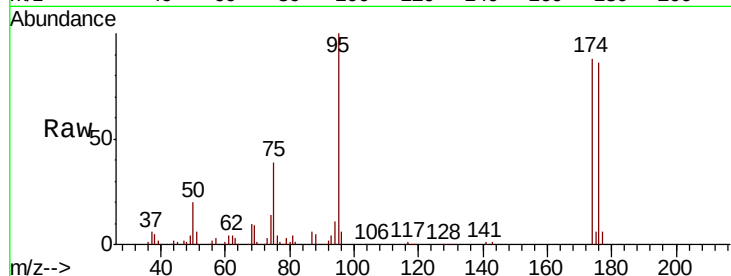
Tot Ion: 95 Resp: 202175

Ion Ratio Lower Upper

95 100

174 88.5 0.0 169.2

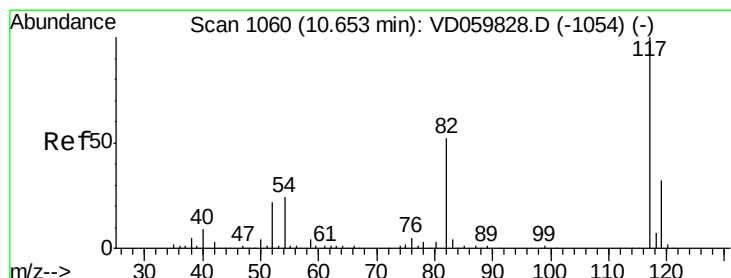
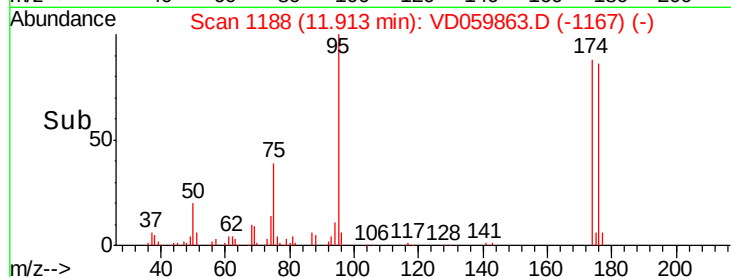
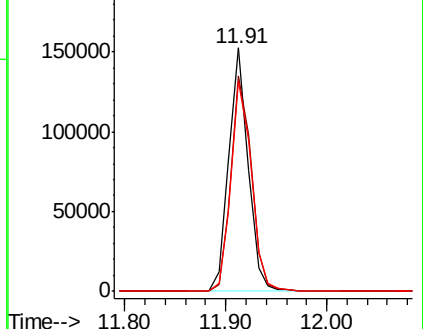
176 86.5 0.0 168.0



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD059863.D

Acq: 21 Aug 2018 18:44

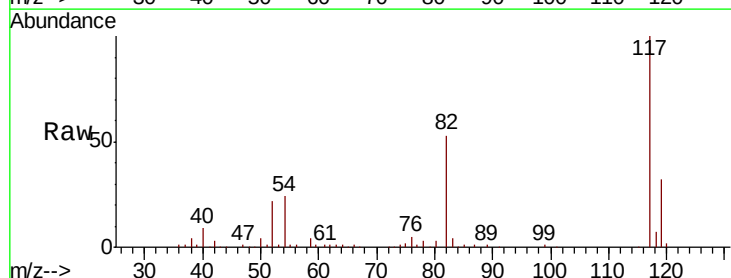
Tgt Ion: 117 Resp: 699829

Ion Ratio Lower Upper

117 100

82 52.7 41.6 62.4

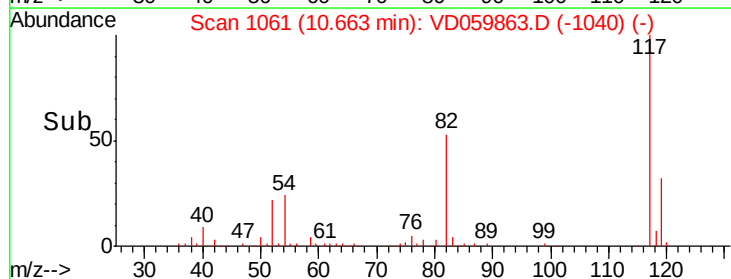
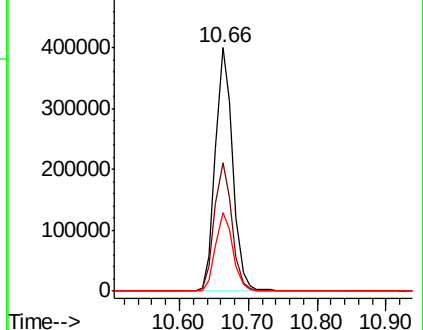
119 32.0 25.6 38.4

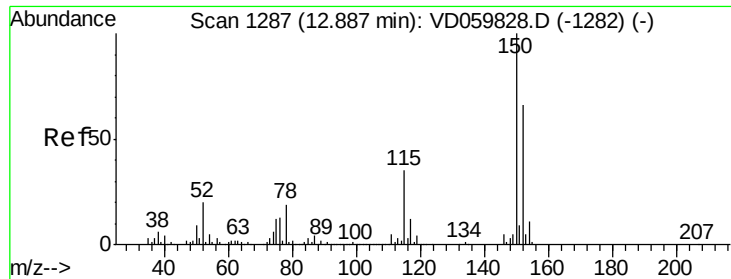


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1288

Delta R.T. 0.01 min

Lab File: VD059863.D

Acq: 21 Aug 2018 18:44

Instrument :

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EPE-P-9(30-36)RE

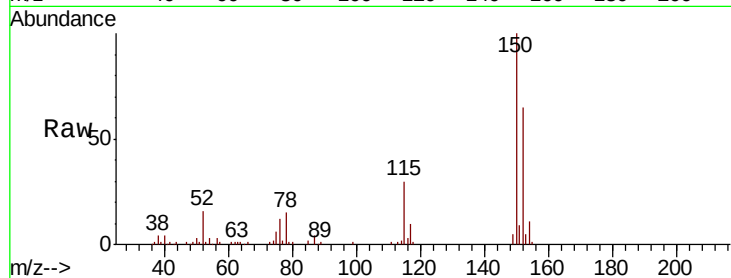
Tot Ion:152 Resp: 94356

Ion Ratio Lower Upper

152 100

115 45.6 26.9 80.6

150 153.0 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

