

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059858.D
 Acq On : 21 Aug 2018 16:22
 Operator : JC/SY
 Sample : J4535-04
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081618-FL-036

Quant Time: Aug 22 01:44:52 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

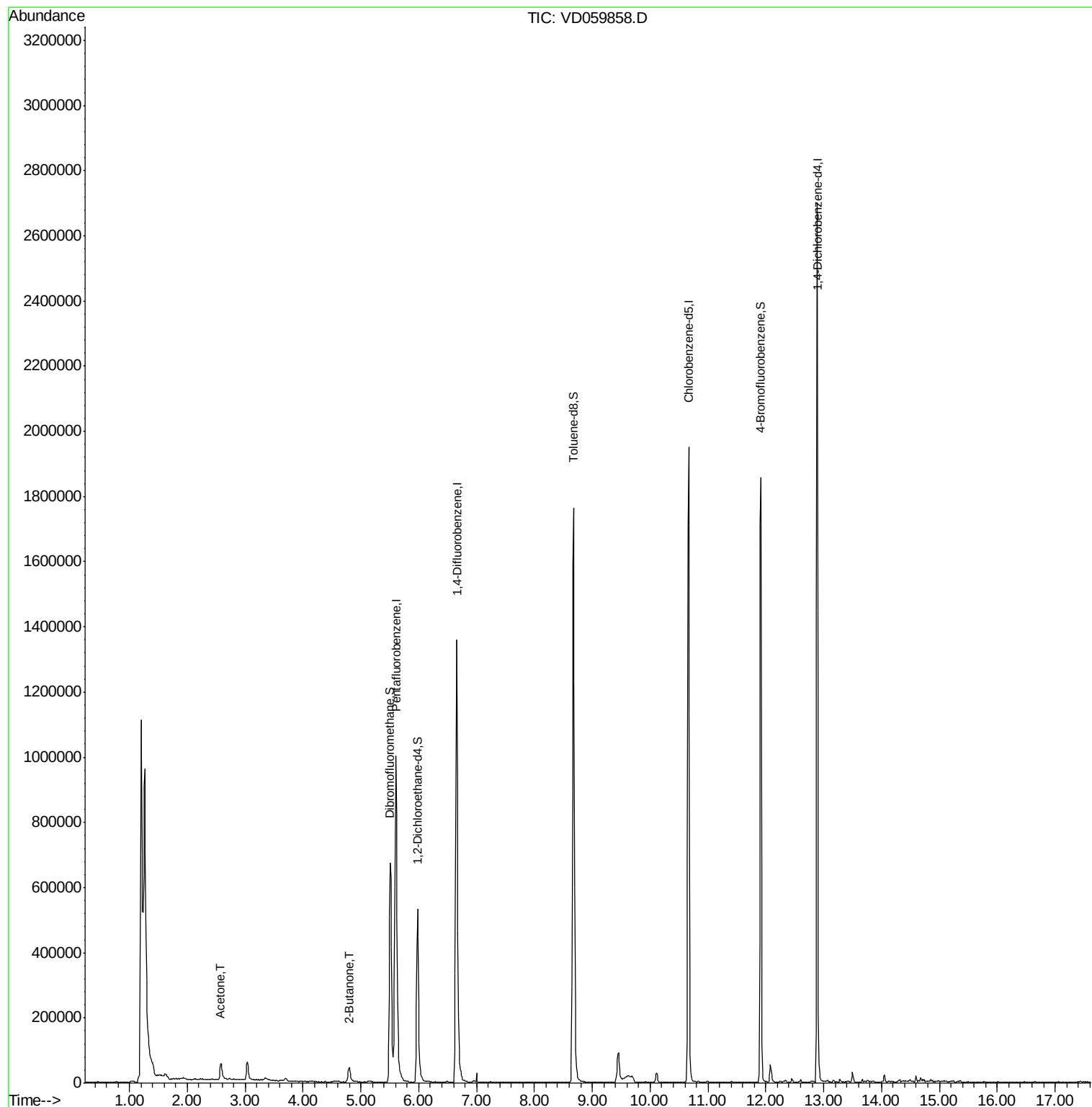
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	1057966	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	1509965	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.66	117	1193741	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	579828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	443408	52.37	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.74%	
35) Dibromofluoromethane	5.51	113	566033	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	8.68	98	1474989	48.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.90	95	585193	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
Target Compounds						
16) Acetone	2.58	43	99170	69.88	ug/l	Qvalue 100
25) 2-Butanone	4.79	43	48339	11.27	ug/l	97

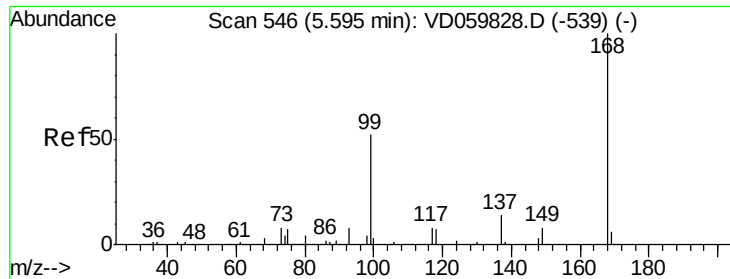
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VD059858.D

Acq: 21 Aug 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

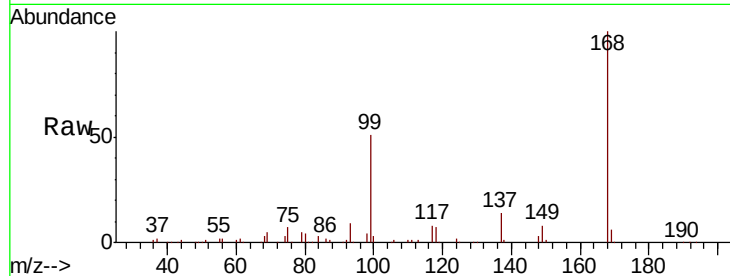
RA-081618-FL-036

Tot Ion:168 Resp: 1057966

Ion Ratio Lower Upper

168 100

99 50.6 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

400000

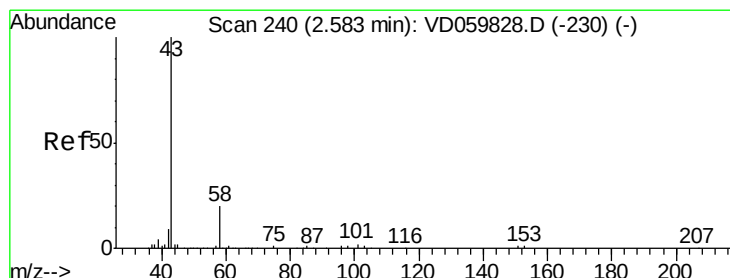
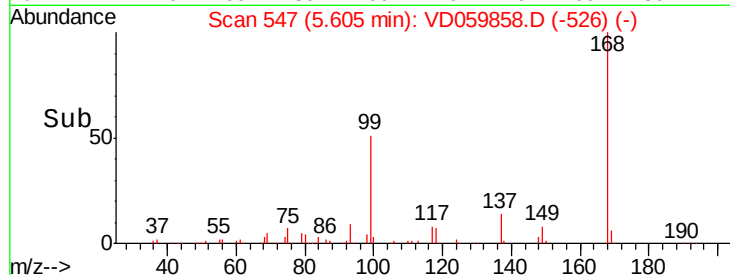
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 69.88 ug/l

RT: 2.58 min Scan# 240

Delta R.T. 0.00 min

Lab File: VD059858.D

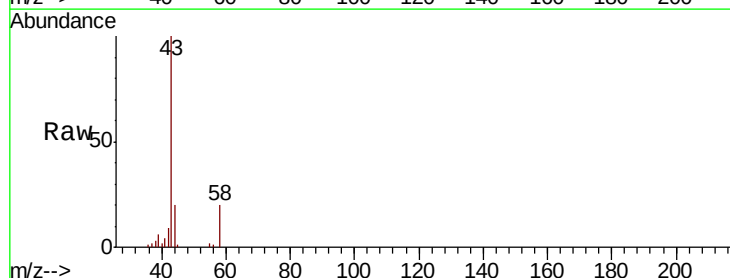
Acq: 21 Aug 2018 16:22

Tgt Ion: 43 Resp: 99170

Ion Ratio Lower Upper

43 100

58 20.4 16.2 24.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.58

40000

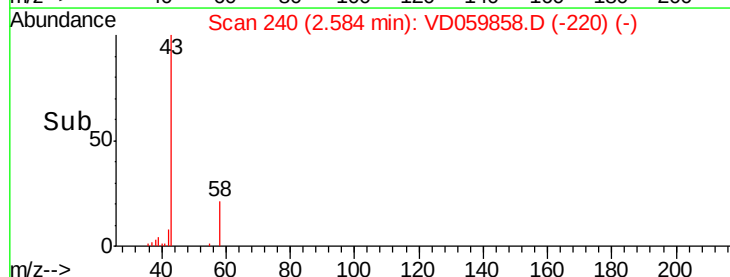
30000

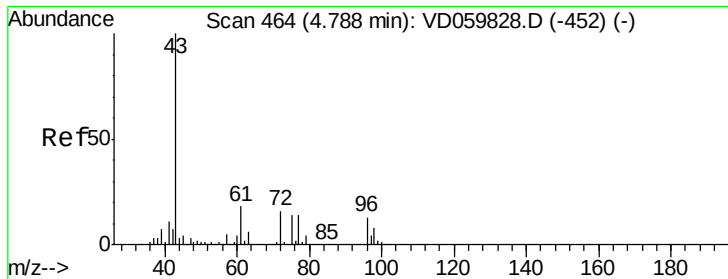
20000

10000

0

Time-->





#25

2-Butanone

Concen: 11.27 ug/l

RT: 4.79 min Scan# 464

Delta R.T. 0.00 min

Lab File: VD059858.D

Acq: 21 Aug 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

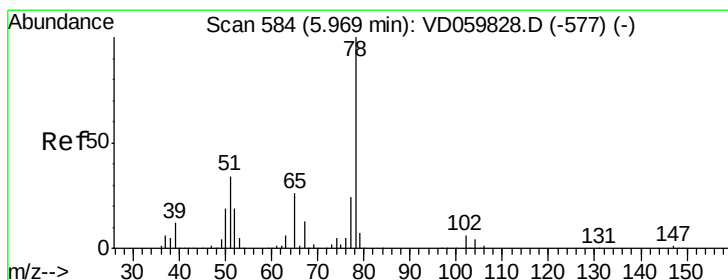
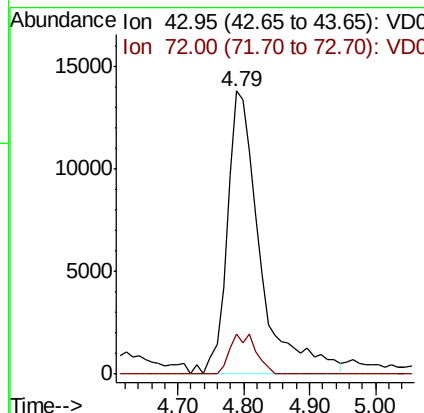
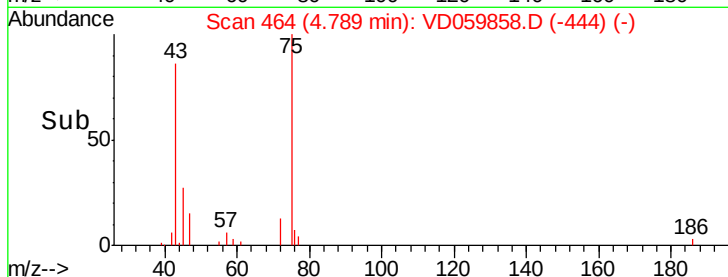
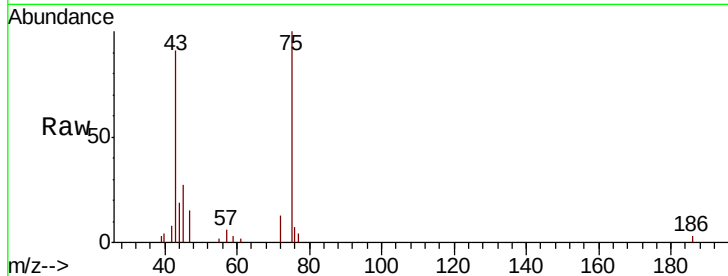
RA-081618-FL-036

Tot Ion: 43 Resp: 48339

Ion Ratio Lower Upper

43 100

72 14.3 12.4 18.6



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.98 min Scan# 585

Delta R.T. 0.01 min

Lab File: VD059858.D

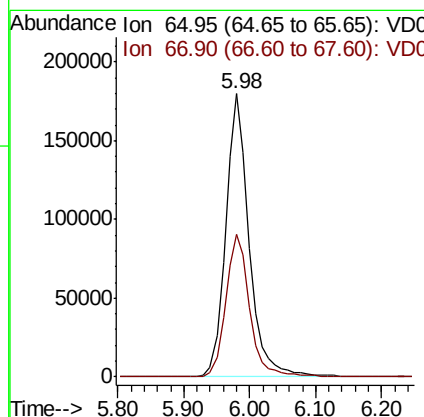
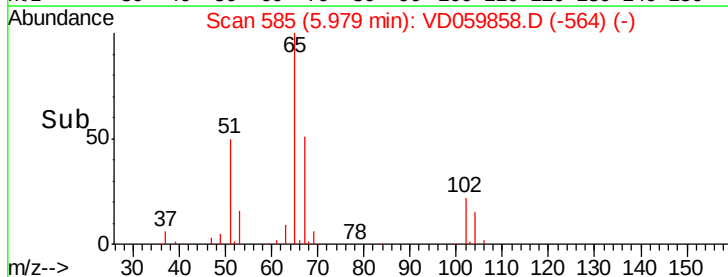
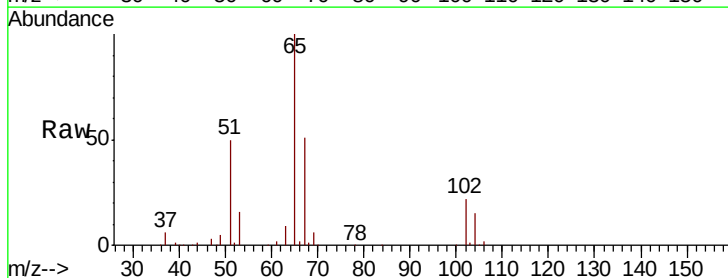
Acq: 21 Aug 2018 16:22

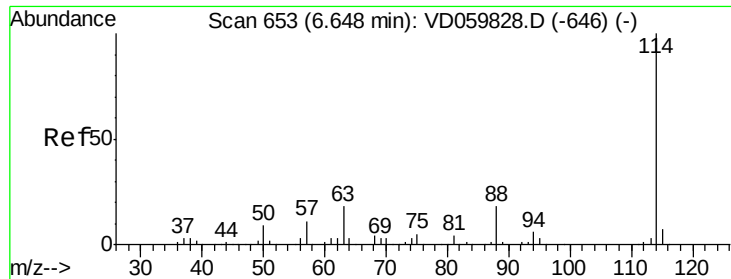
Tgt Ion: 65 Resp: 443408

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.4

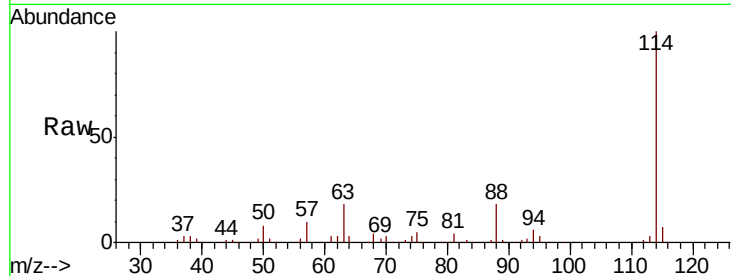




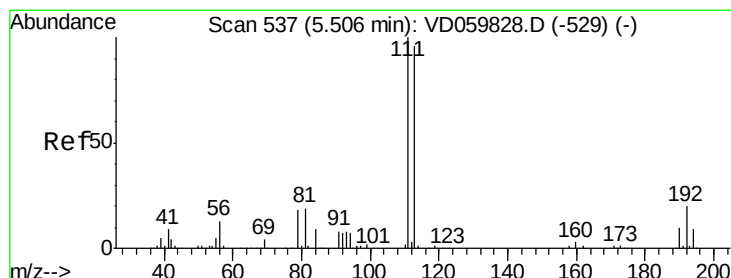
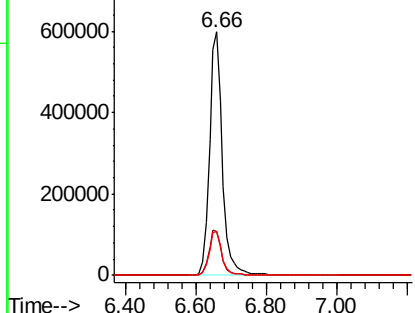
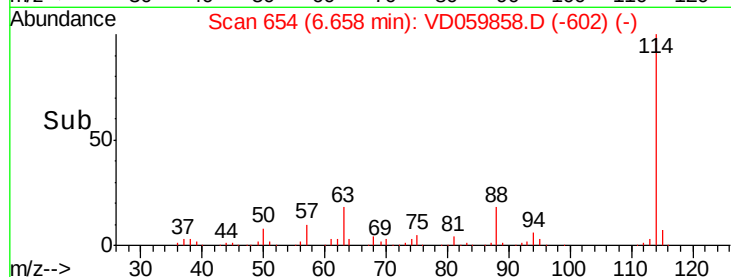
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VD059858.D
 Acq: 21 Aug 2018 16:22

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081618-FL-036

Tot Ion:114 Resp: 1509965
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.0
 88 18.1 0.0 37.0

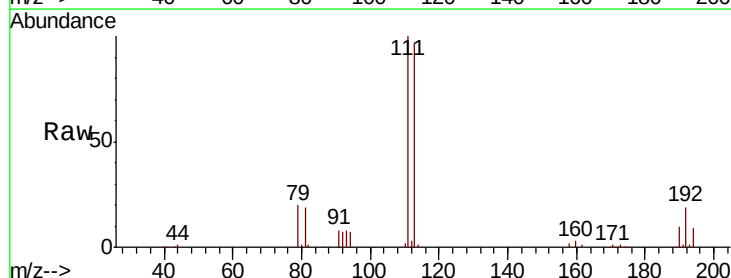


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

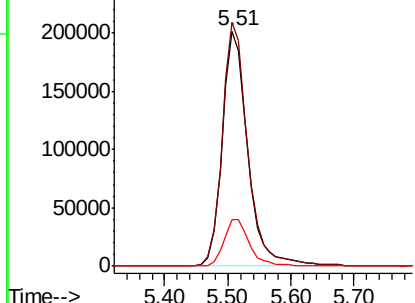
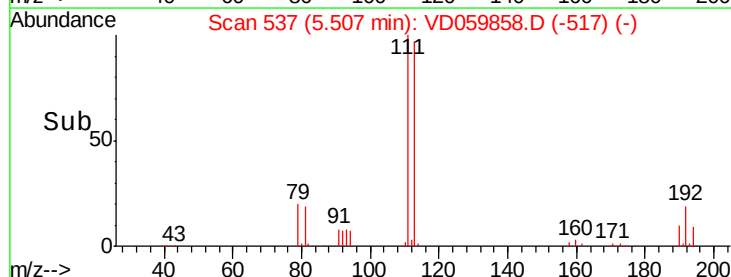


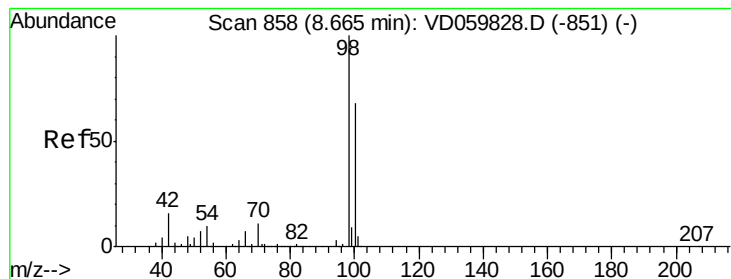
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.51 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VD059858.D
 Acq: 21 Aug 2018 16:22

Tgt Ion:113 Resp: 566033
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.3 124.9
 192 19.5 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: 8.68 min Scan# 859

Delta R.T. 0.01 min

Lab File: VD059858.D

Acq: 21 Aug 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

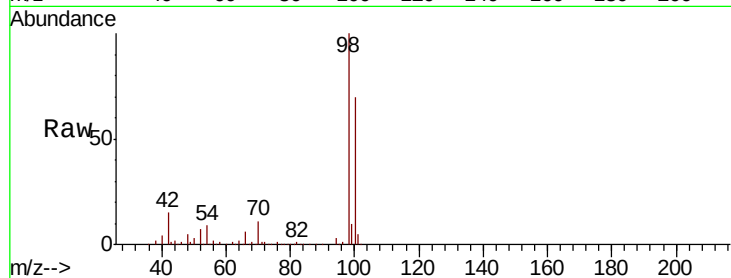
RA-081618-FL-036

Tot Ion: 98 Resp: 1474989

Ion Ratio Lower Upper

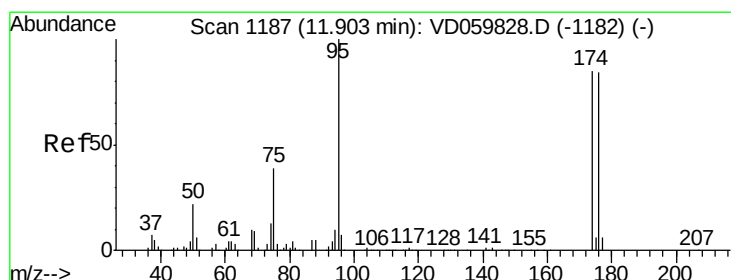
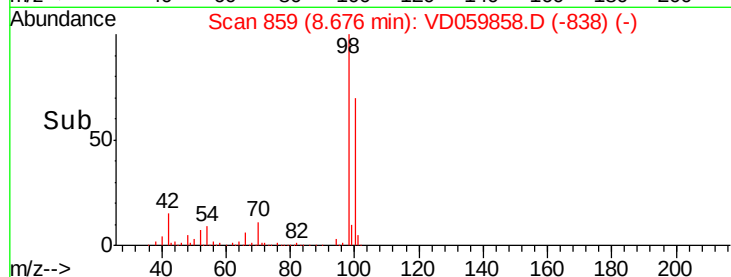
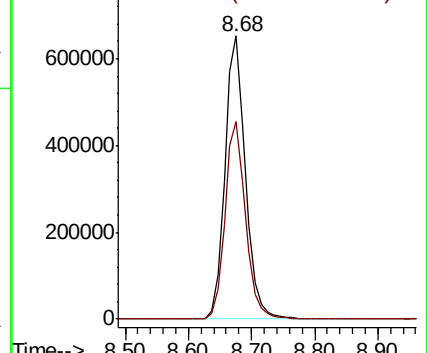
98 100

100 70.0 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.90 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VD059858.D

Acq: 21 Aug 2018 16:22

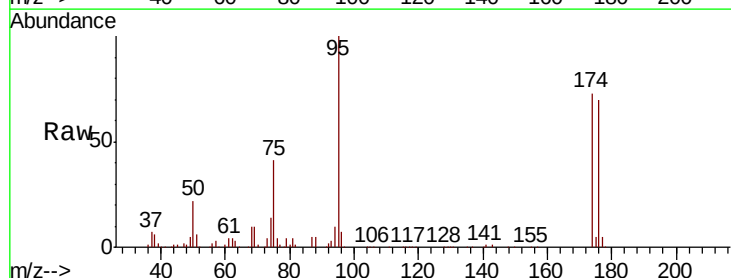
Tgt Ion: 95 Resp: 585193

Ion Ratio Lower Upper

95 100

174 73.3 0.0 169.2

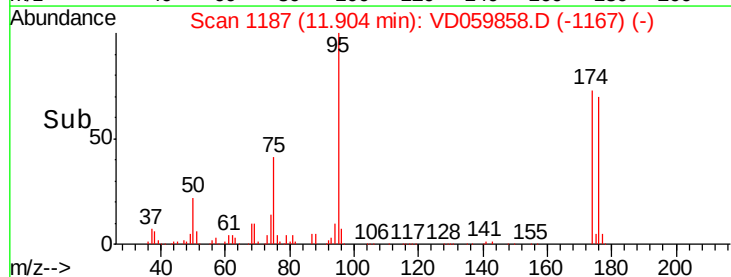
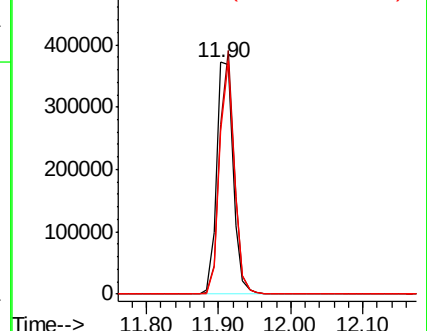
176 70.4 0.0 168.0

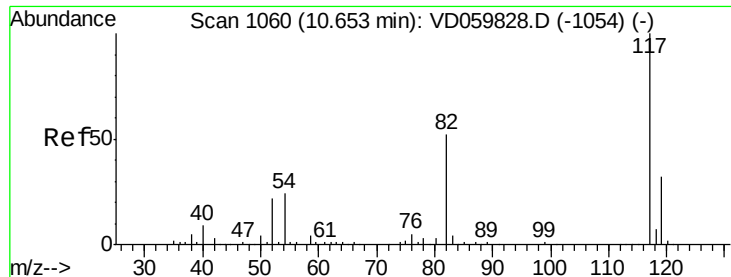


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

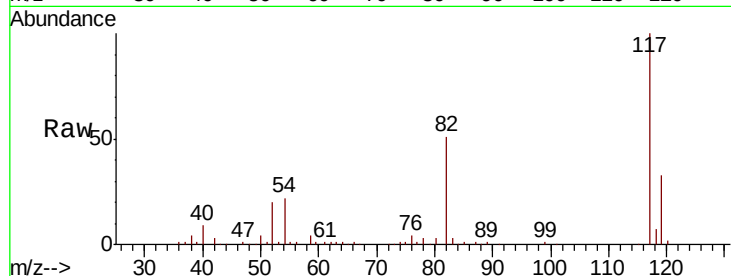




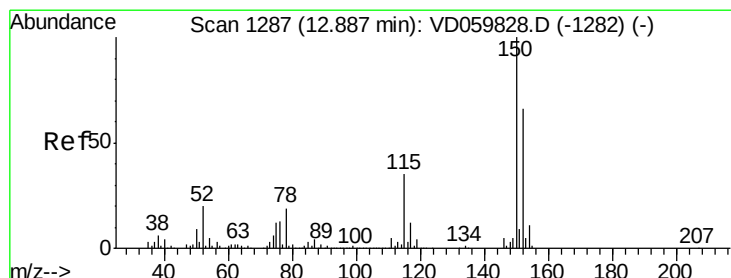
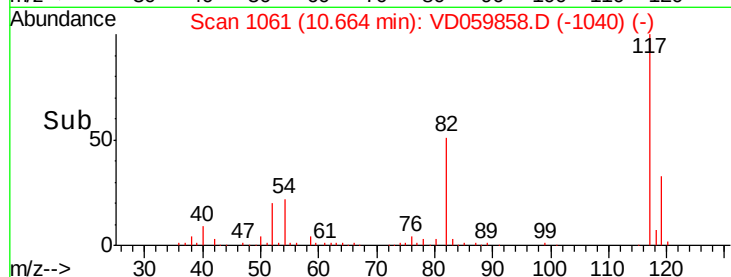
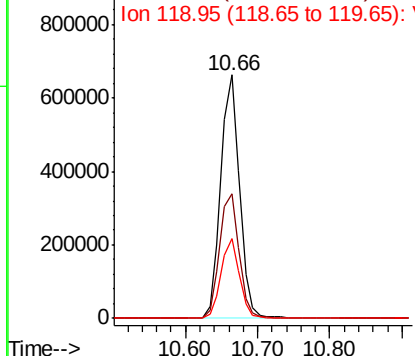
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-036

Tot Ion:117 Resp: 1193741
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 32.9 25.6 38.4

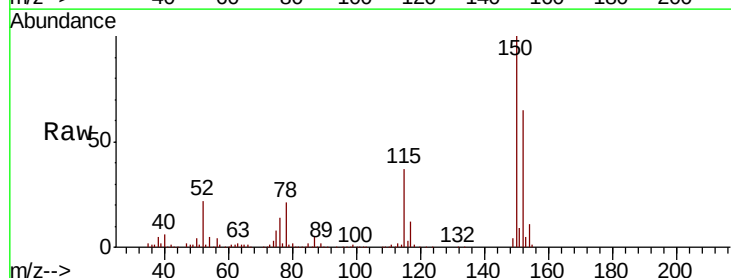


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion:152 Resp: 579828
Ion Ratio Lower Upper
152 100
115 56.5 26.9 80.6
150 154.3 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

