

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059861.D
 Acq On : 21 Aug 2018 17:47
 Operator : JC/SY
 Sample : J4535-08
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081618-FL-040

Quant Time: Aug 22 01:50:32 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

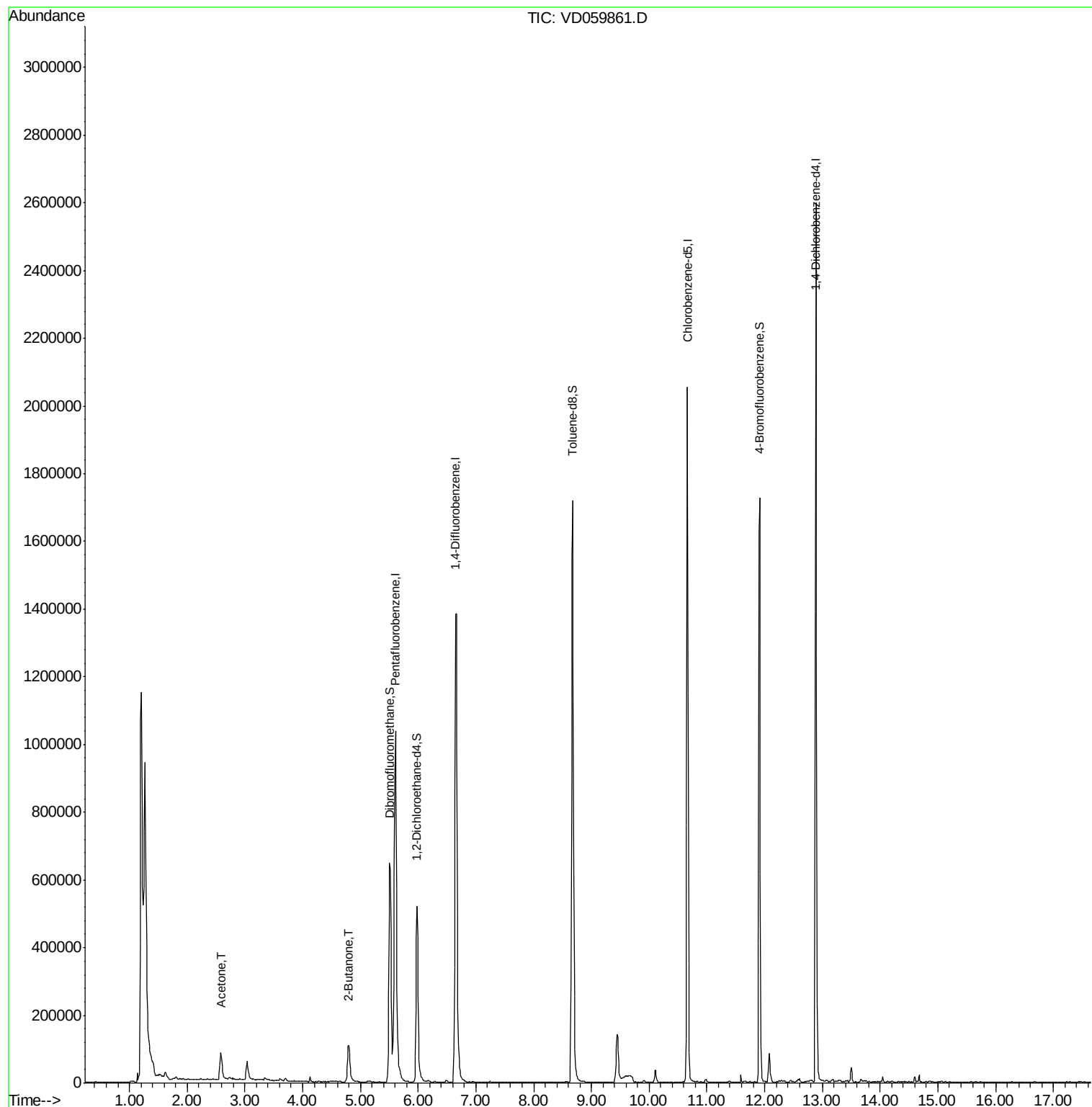
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	1099632	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	1570249	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.66	117	1257194	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	569053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	434167	49.33	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.51	113	570827	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.68	98	1486100	47.45	ug/l	0.01
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.90	95	552579	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
Target Compounds						
16) Acetone	2.58	43	152129	103.13	ug/l	Qvalue 100
25) 2-Butanone	4.80	43	90502	20.30	ug/l	94

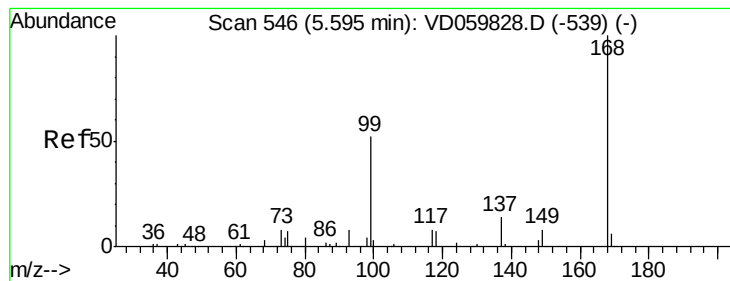
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD059861.D

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Instrument :

MSVOA_D

ClientSampleId :

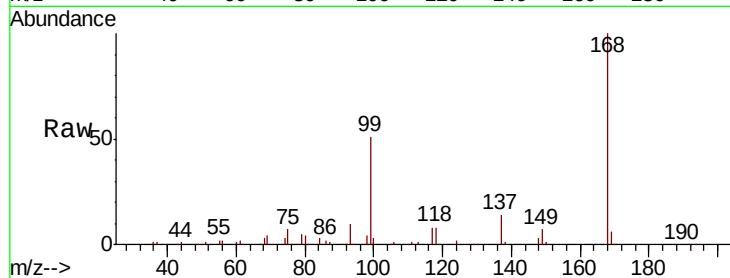
RA-081618-FL-040

Tot Ion:168 Resp: 1099632

Ion Ratio Lower Upper

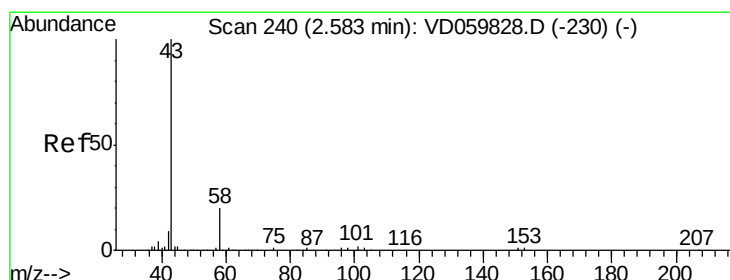
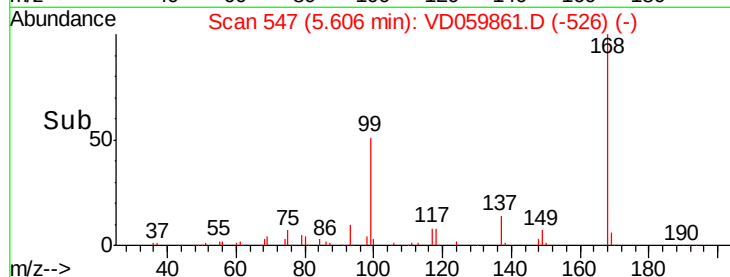
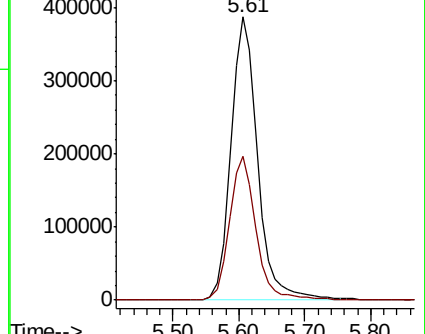
168 100

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



#16

Acetone

Concen: 103.13 ug/l

RT: 2.58 min Scan# 240

Delta R.T. 0.00 min

Lab File: VD059861.D

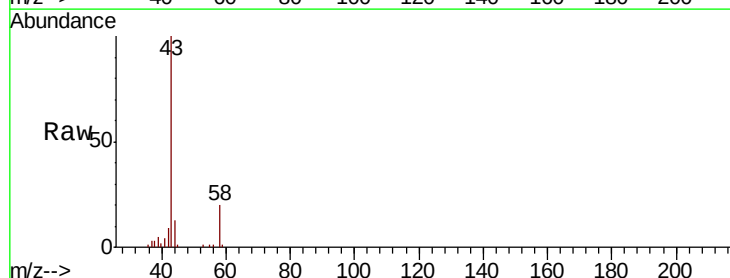
Acq: 21 Aug 2018 17:47

Tgt Ion: 43 Resp: 152129

Ion Ratio Lower Upper

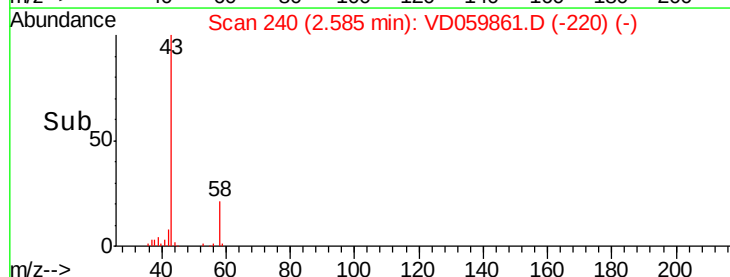
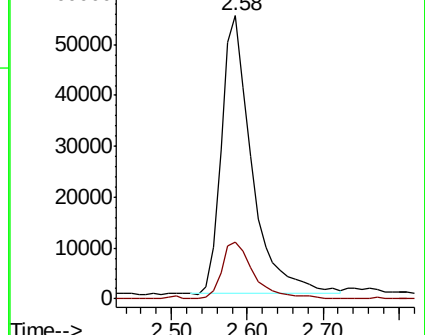
43 100

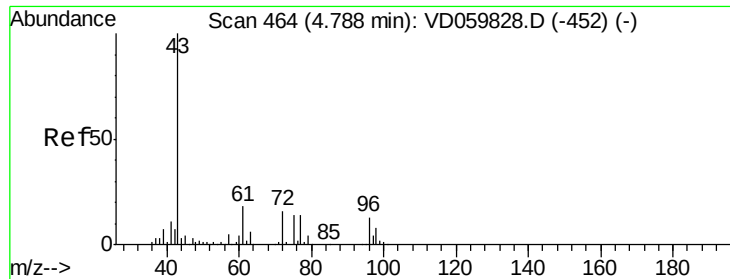
58 20.3 16.2 24.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 20.30 ug/l

RT: 4.80 min Scan# 465

Delta R.T. 0.01 min

Lab File: VD059861.D

Acq: 21 Aug 2018 17:47

Instrument :

MSVOA_D

ClientSampleId :

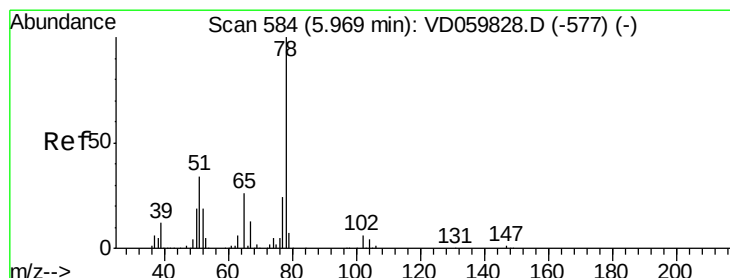
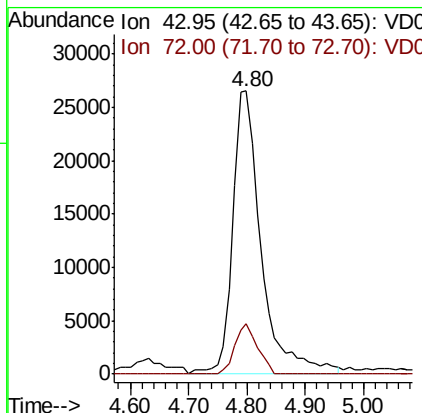
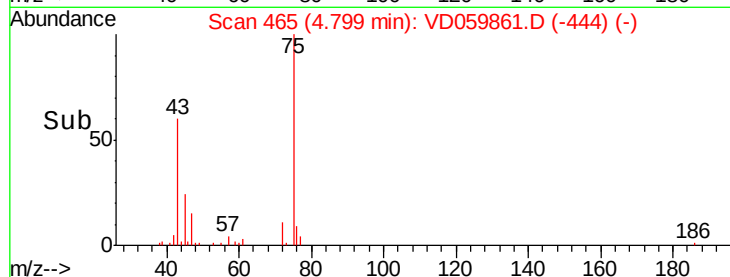
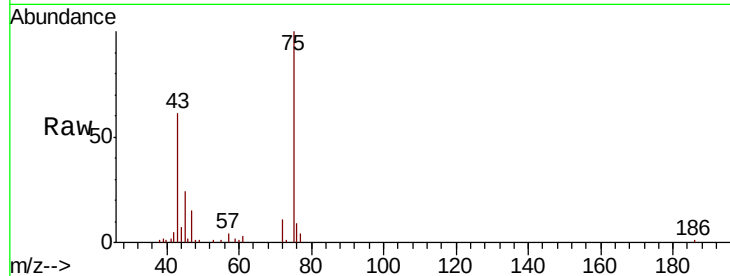
RA-081618-FL-040

Tot Ion: 43 Resp: 90502

Ion Ratio Lower Upper

43 100

72 18.0 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: VD059861.D

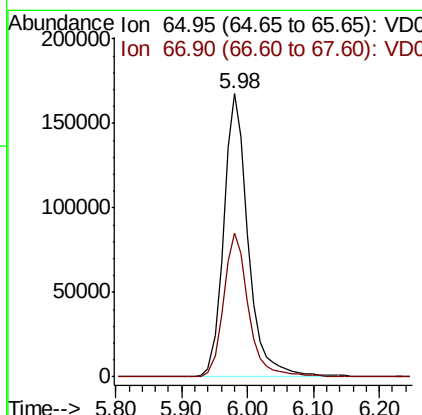
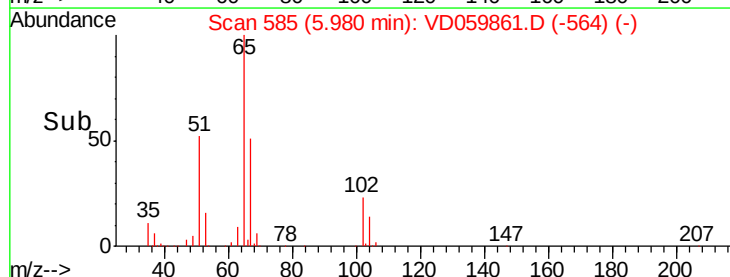
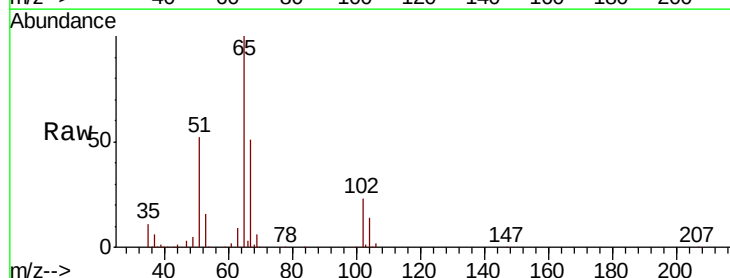
Acq: 21 Aug 2018 17:47

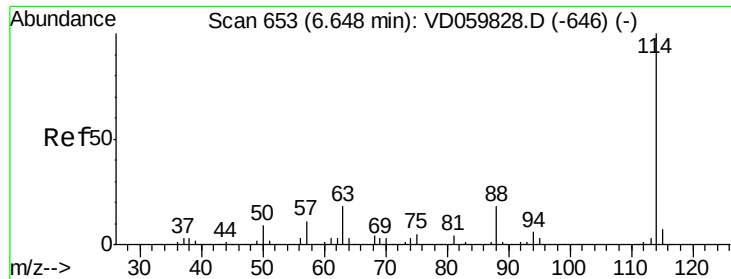
Tgt Ion: 65 Resp: 434167

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4

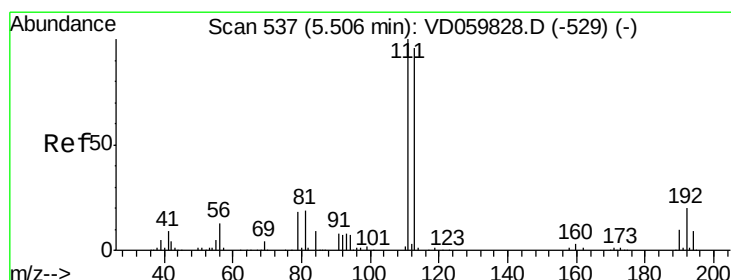
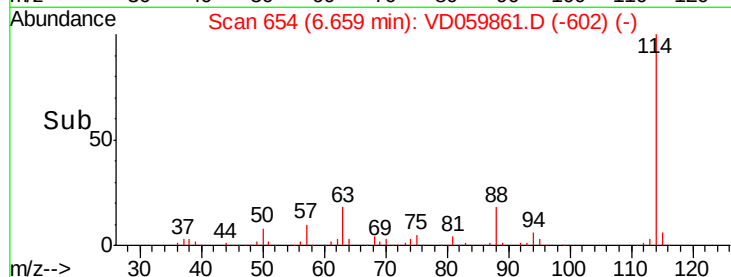
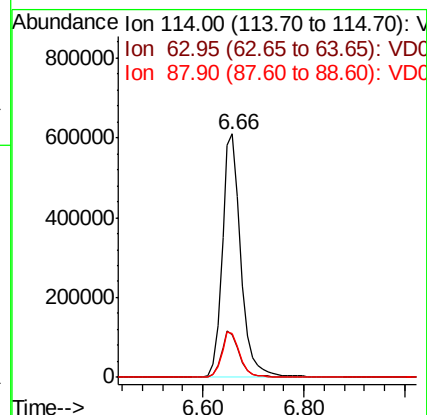
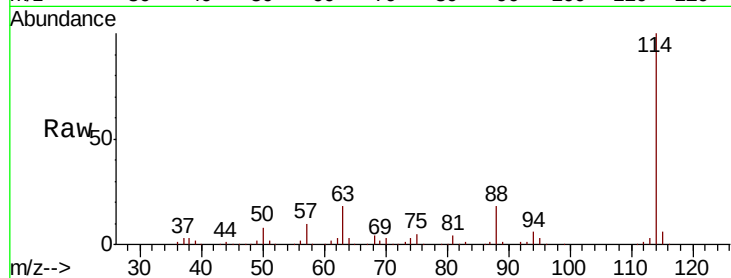




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VD059861.D
 Acq: 21 Aug 2018 17:47

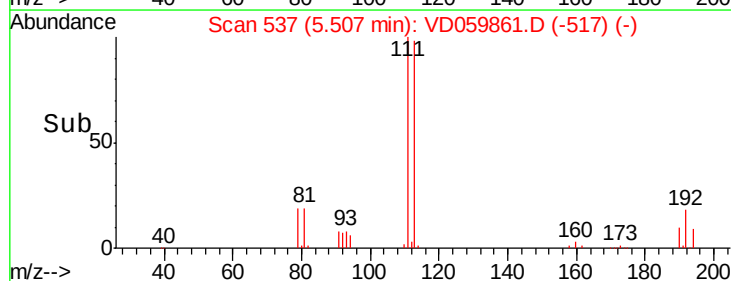
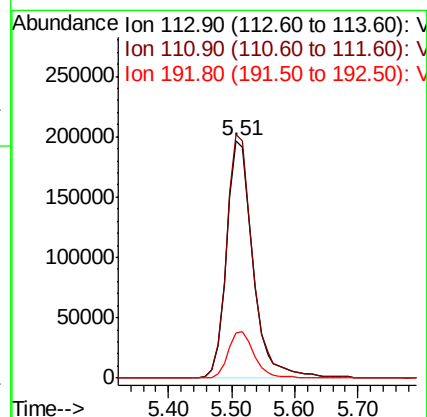
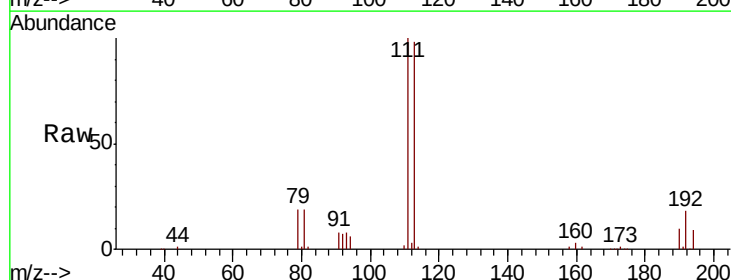
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081618-FL-040

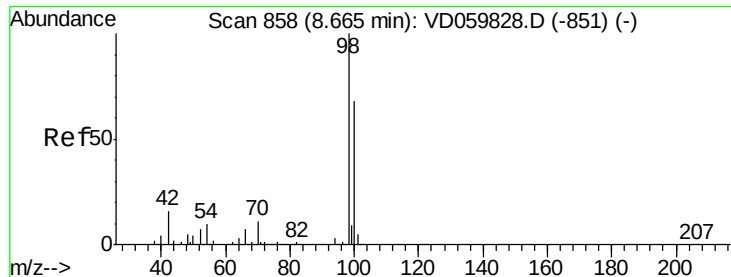
Tot Ion:114 Resp: 1570249
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 37.0
 88 17.9 0.0 37.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.51 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VD059861.D
 Acq: 21 Aug 2018 17:47

Tgt Ion:113 Resp: 570827
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.3 124.9
 192 18.9 16.8 25.2





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.68 min Scan# 859

Delta R.T. 0.01 min

Lab File: VD059861.D

Acq: 21 Aug 2018 17:47

Instrument :

MSVOA_D

ClientSampleId :

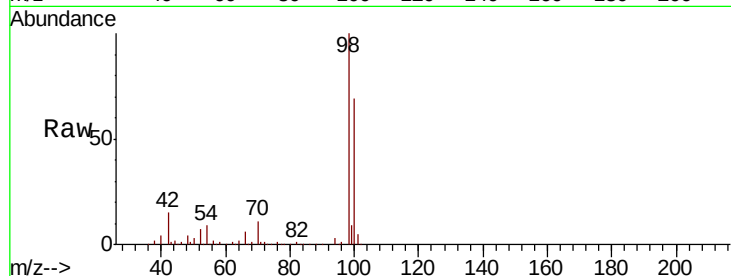
RA-081618-FL-040

Tot Ion: 98 Resp: 1486100

Ion Ratio Lower Upper

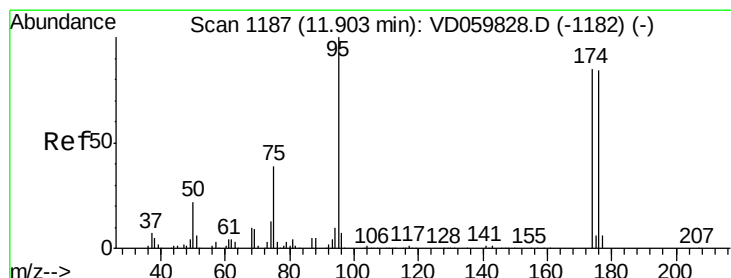
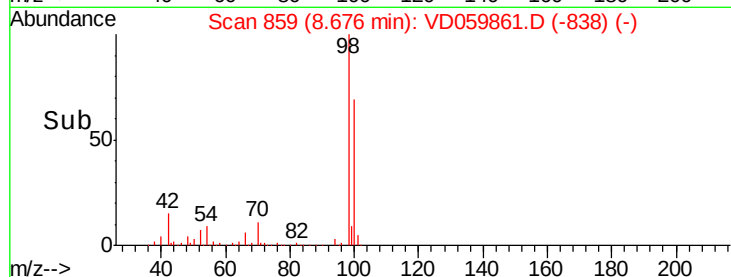
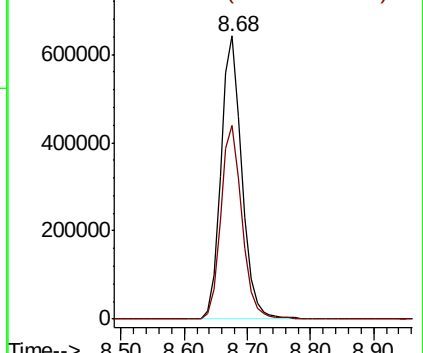
98 100

100 68.5 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: VD059861.D

Acq: 21 Aug 2018 17:47

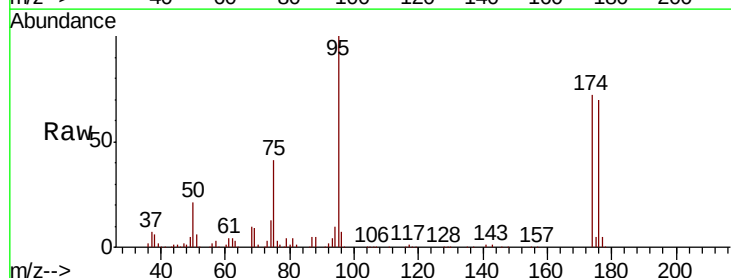
Tgt Ion: 95 Resp: 552579

Ion Ratio Lower Upper

95 100

174 71.8 0.0 169.2

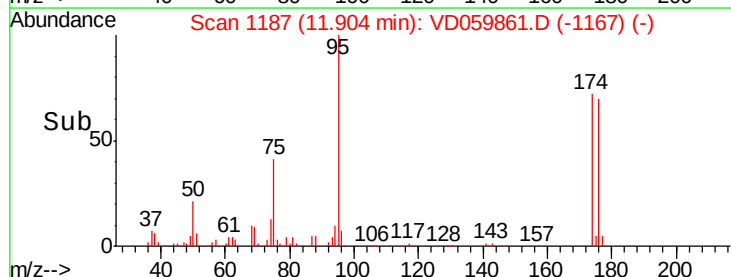
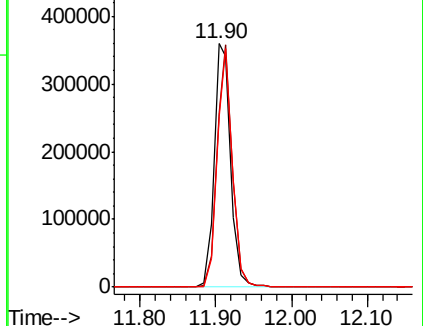
176 70.0 0.0 168.0

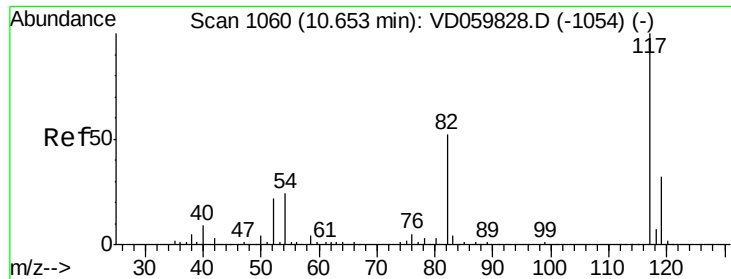


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

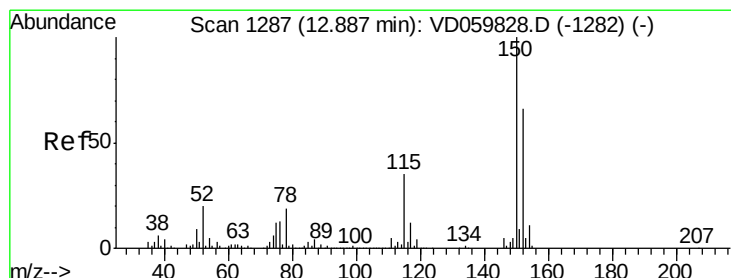
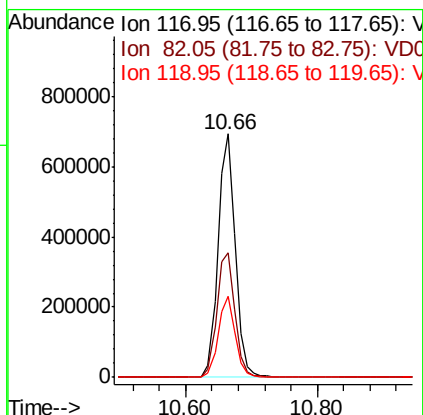
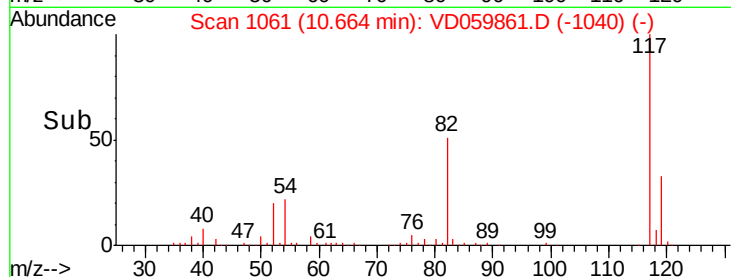
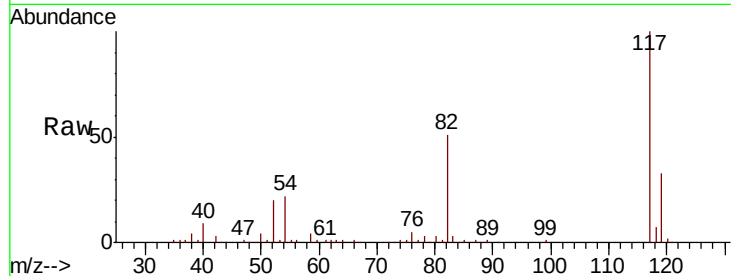




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD059861.D
Acq: 21 Aug 2018 17:47

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-040

Tot Ion:117 Resp: 1257194
Ion Ratio Lower Upper
117 100
82 51.4 41.6 62.4
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059861.D
Acq: 21 Aug 2018 17:47

Tgt Ion:152 Resp: 569053
Ion Ratio Lower Upper
152 100
115 55.9 26.9 80.6
150 156.3 0.0 306.8

