

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058336.D
 Acq On : 23 Jun 2018 11:47
 Operator : VA/AP
 Sample : J3642-05
 Misc : 6.31g/5ml/MSVOA D/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-2

Quant Time: Jun 25 02:03:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

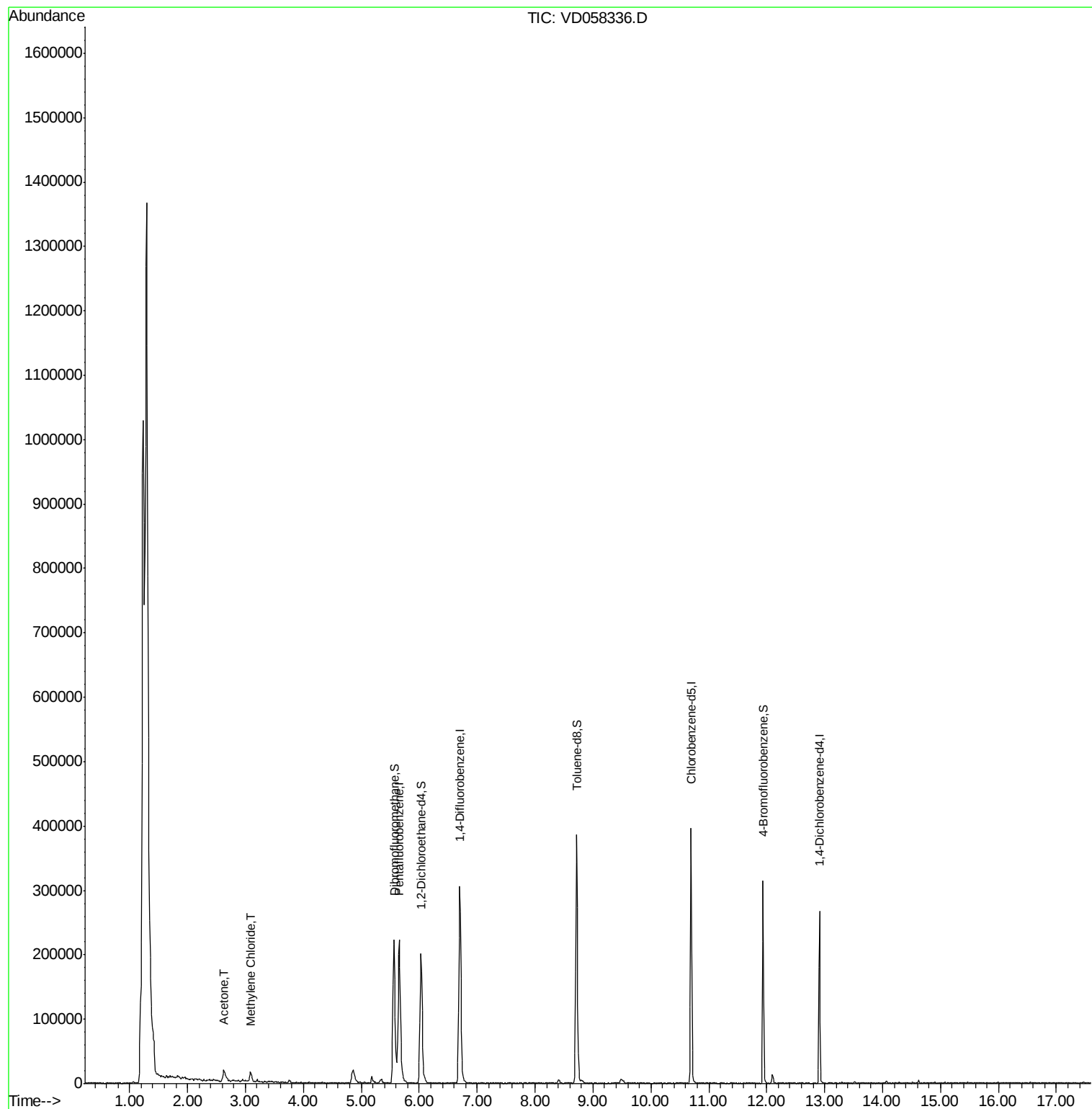
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224013	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	306379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	212757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	54813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	201949	89.25	ug/l	0.02
Spiked Amount 50.000			Recovery	=	178.50%	
35) Dibromofluoromethane	5.57	113	183886	73.74	ug/l	0.02
Spiked Amount 50.000			Recovery	=	147.48%	
50) Toluene-d8	8.72	98	298760	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.94	95	83547	33.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.80%	
Target Compounds						
16) Acetone	2.62	43	36726	118.68	ug/l	Qvalue 100
20) Methylene Chloride	3.09	84	7807	5.41	ug/l #	81

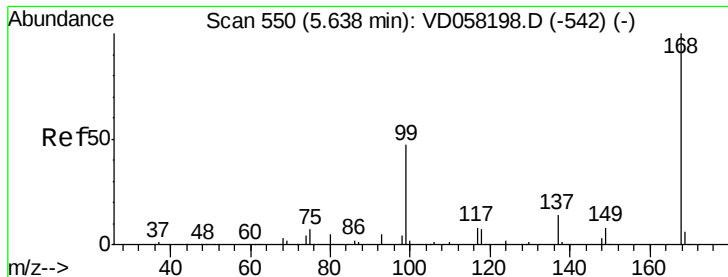
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058336.D

Acq: 23 Jun 2018 11:47

Instrument :

MSVOA_D

ClientSampleId :

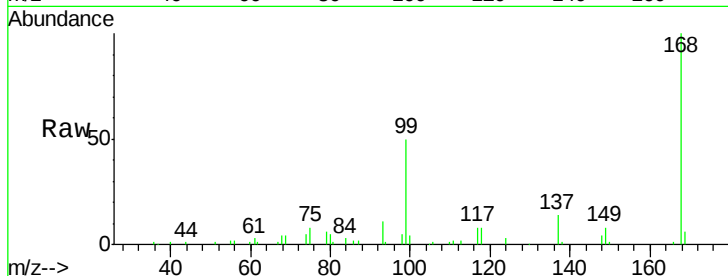
TEST-PIT-2

Tot Ion:168 Resp: 224013

Ion Ratio Lower Upper

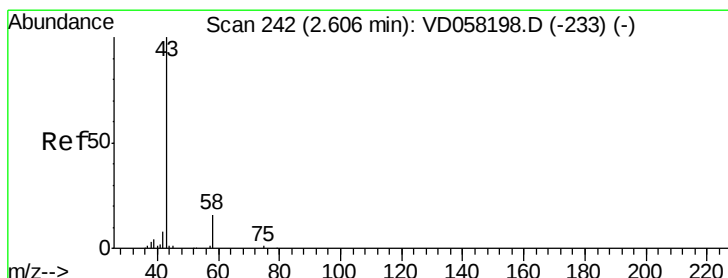
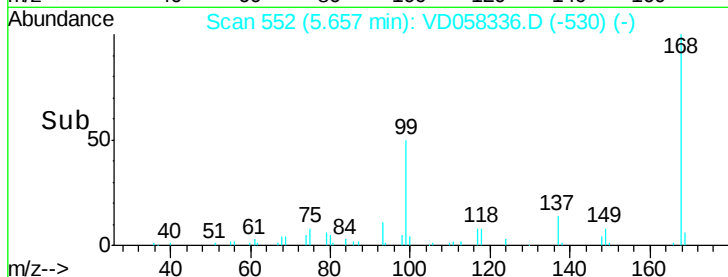
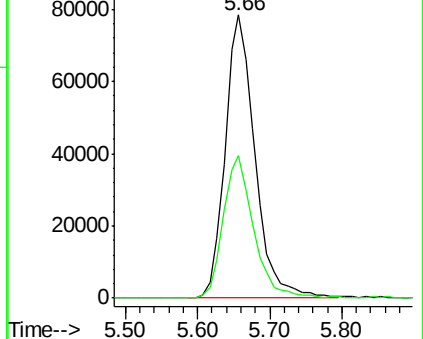
168 100

99 50.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 118.68 ug/l

RT: 2.62 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD058336.D

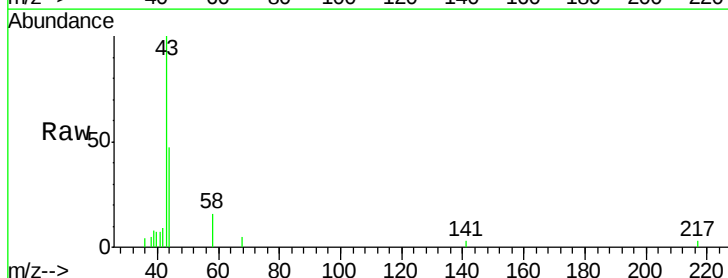
Acq: 23 Jun 2018 11:47

Tgt Ion: 43 Resp: 36726

Ion Ratio Lower Upper

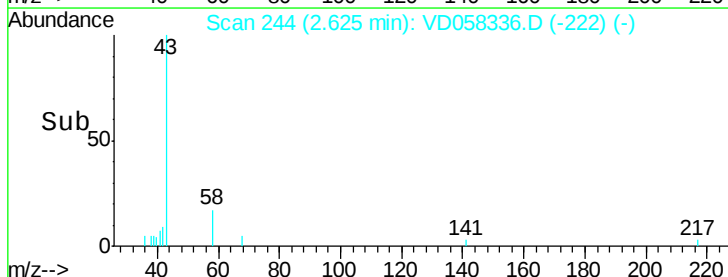
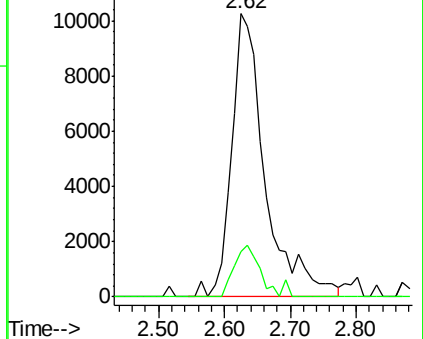
43 100

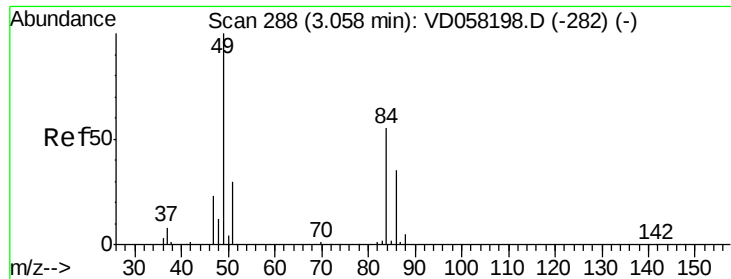
58 16.1 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

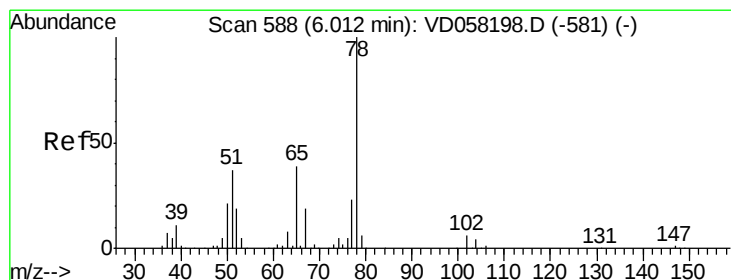
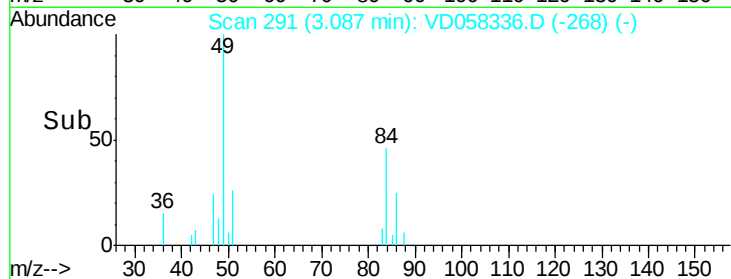
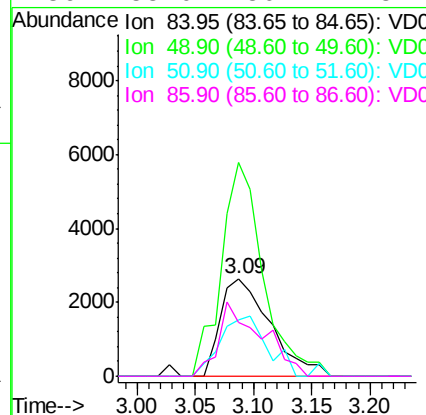
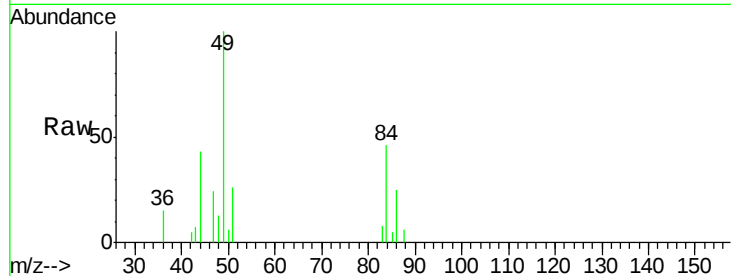




#20
Methvlene Chloride
Concen: 5.41 ug/l
RT: 3.09 min Scan# 291
Delta R.T. 0.03 min
Lab File: VD058336.D
Acq: 23 Jun 2018 11:47

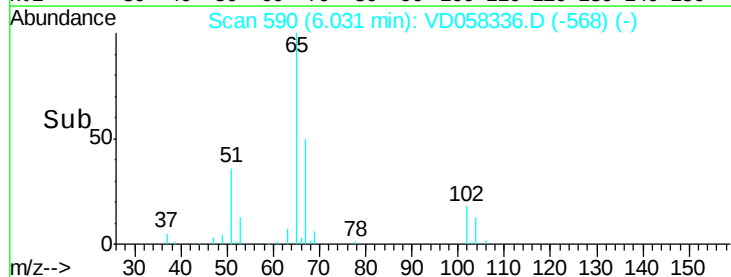
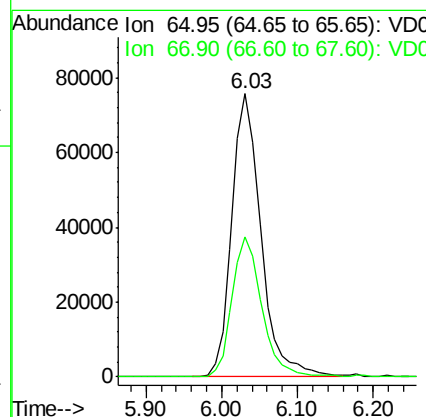
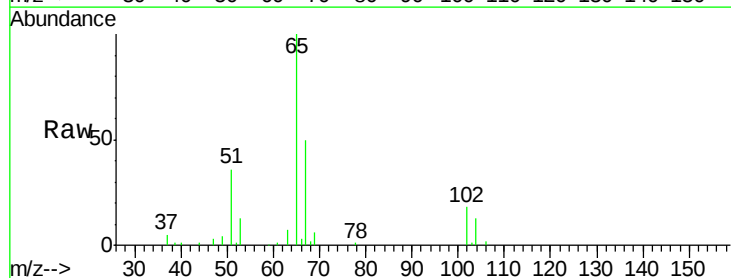
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-2

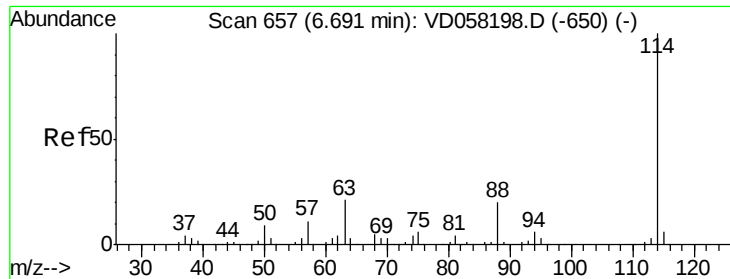
Tot Ion	84	Resp	7807
Ion Ratio	Lower	Upper	
84	100		
49	218.4	145.0	217.6#
51	57.6	42.9	64.3
86	55.0	50.1	75.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.02 min
Lab File: VD058336.D
Acq: 23 Jun 2018 11:47

Tgt Ion	65	Resp	201949
Ion Ratio	Lower	Upper	
65	100		
67	49.6	0.0	97.8

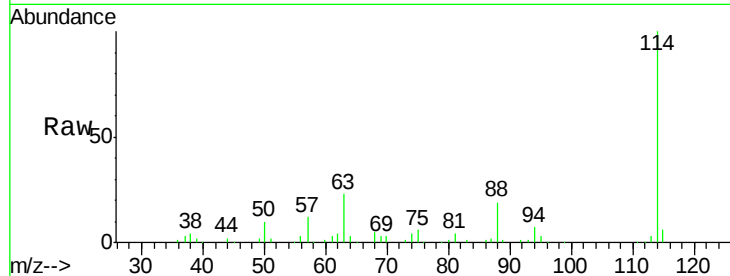




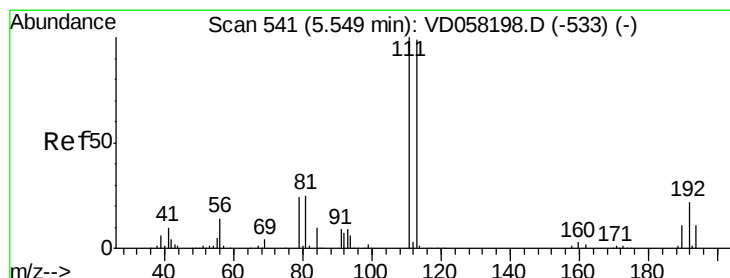
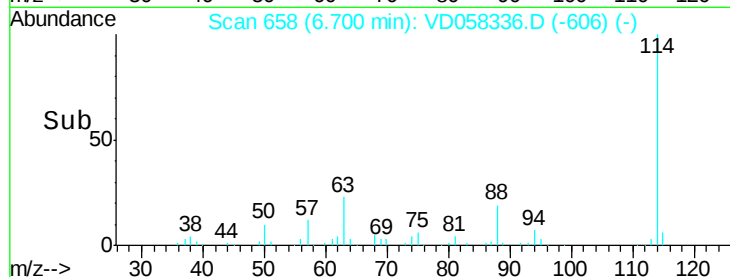
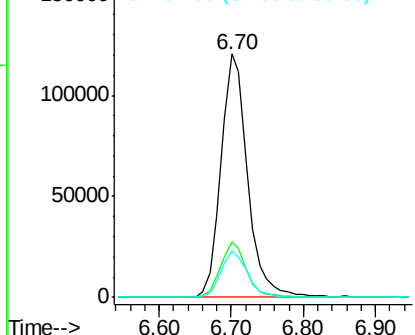
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058336.D
 Acq: 23 Jun 2018 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-2

Tot Ion:114 Resp: 306379
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 42.6
 88 19.3 0.0 40.6

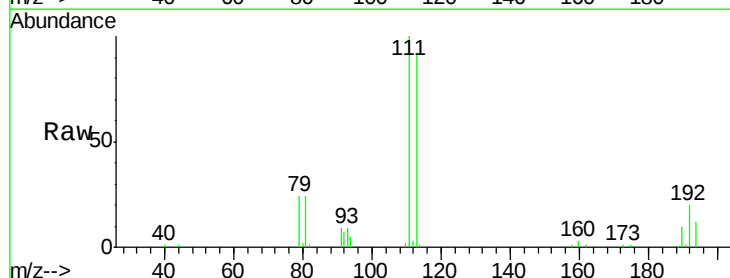


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

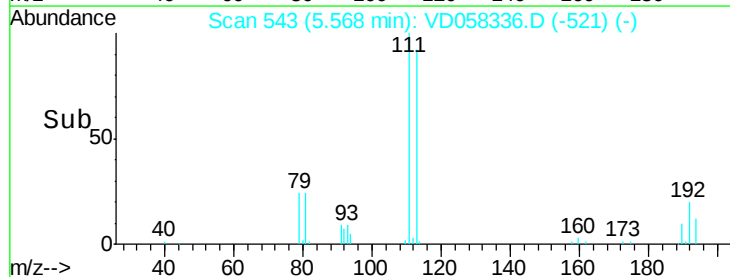
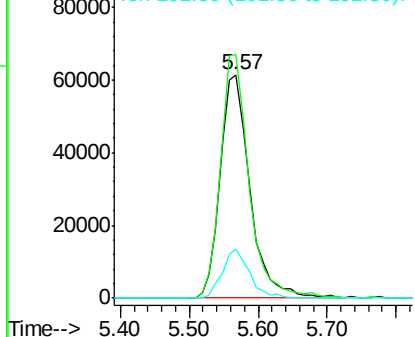


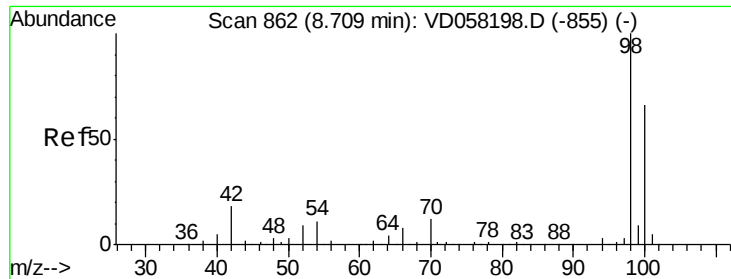
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VD058336.D
 Acq: 23 Jun 2018 11:47

Tgt Ion:113 Resp: 183886
 Ion Ratio Lower Upper
 113 100
 111 108.9 80.6 121.0
 192 21.7 17.8 26.6



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: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058336.D

Acq: 23 Jun 2018 11:47

Instrument :

MSVOA_D

ClientSampleId :

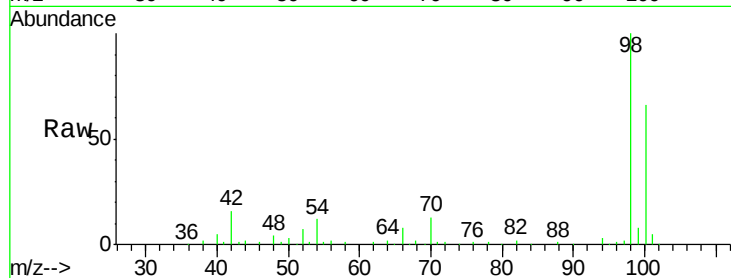
TEST-PIT-2

Tot Ion: 98 Resp: 298760

Ion Ratio Lower Upper

98 100

100 65.9 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.72

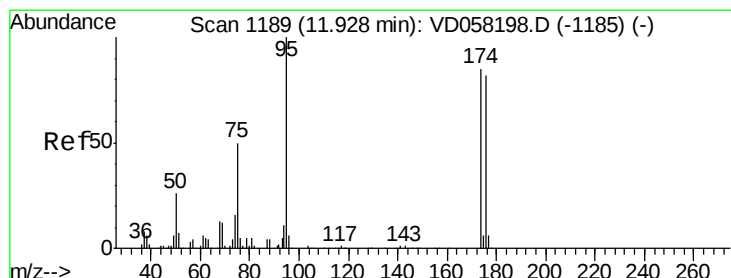
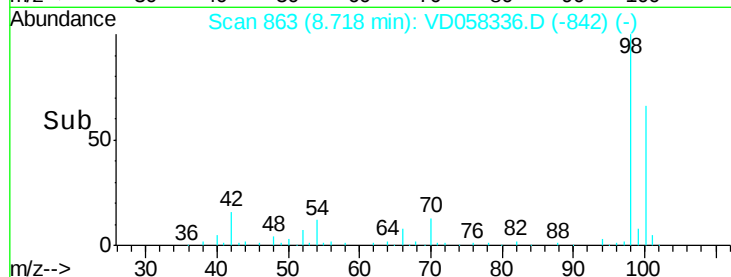
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058336.D

Acq: 23 Jun 2018 11:47

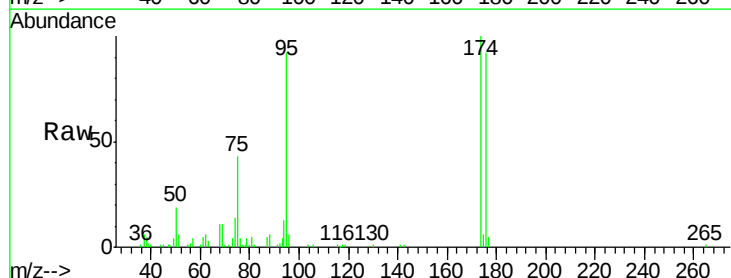
Tgt Ion: 95 Resp: 83547

Ion Ratio Lower Upper

95 100

174 108.6 0.0 170.2

176 100.3 0.0 164.6



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

11.94

80000

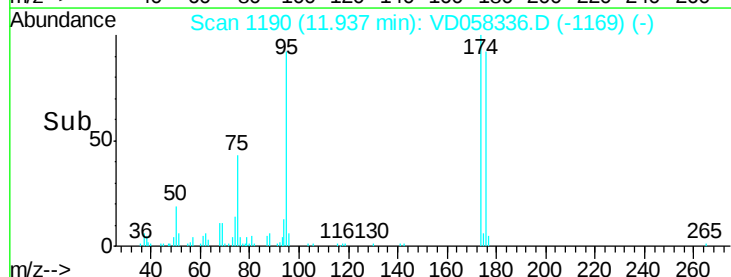
60000

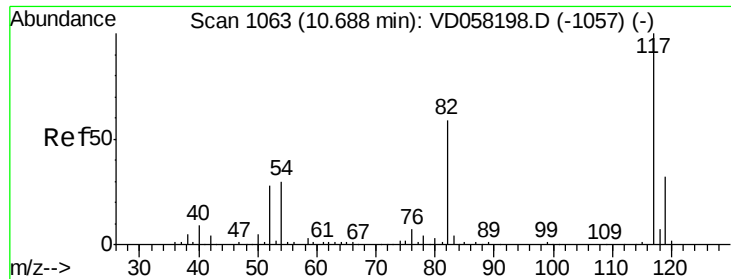
40000

20000

0

Time-->

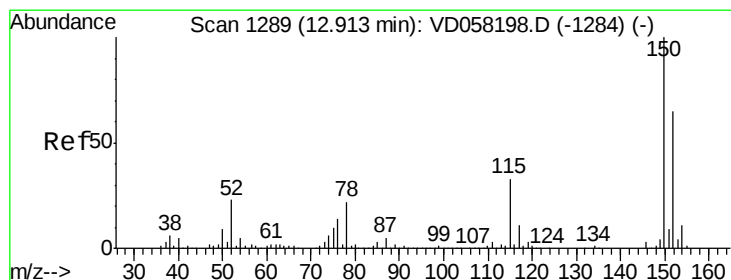
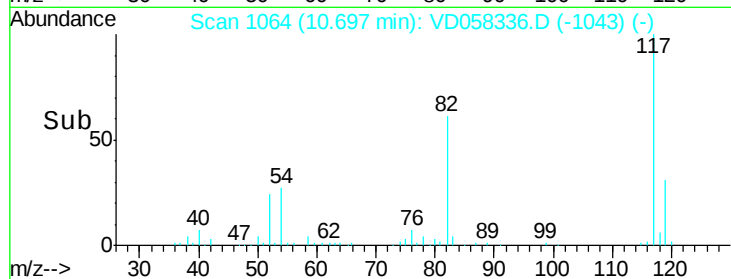
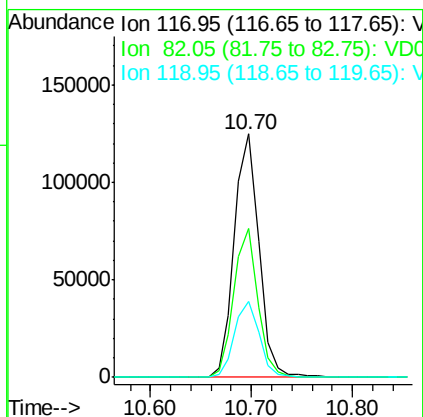
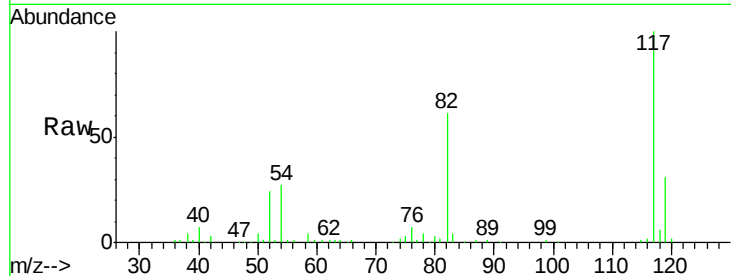




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058336.D
Acq: 23 Jun 2018 11:47

Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-2

Tot Ion:117 Resp: 212757
Ion Ratio Lower Upper
117 100
82 61.2 47.0 70.6
119 31.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD058336.D
Acq: 23 Jun 2018 11:47

Tgt Ion:152 Resp: 54813
Ion Ratio Lower Upper
152 100
115 52.7 25.1 75.3
150 153.8 0.0 308.8

