

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059405.D
 Acq On : 25 Jun 2018 18:09
 Operator : VA/AP
 Sample : J3663-14RE
 Misc : 6.12g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB470-31-33-180618RE

Quant Time: Jun 26 07:38:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

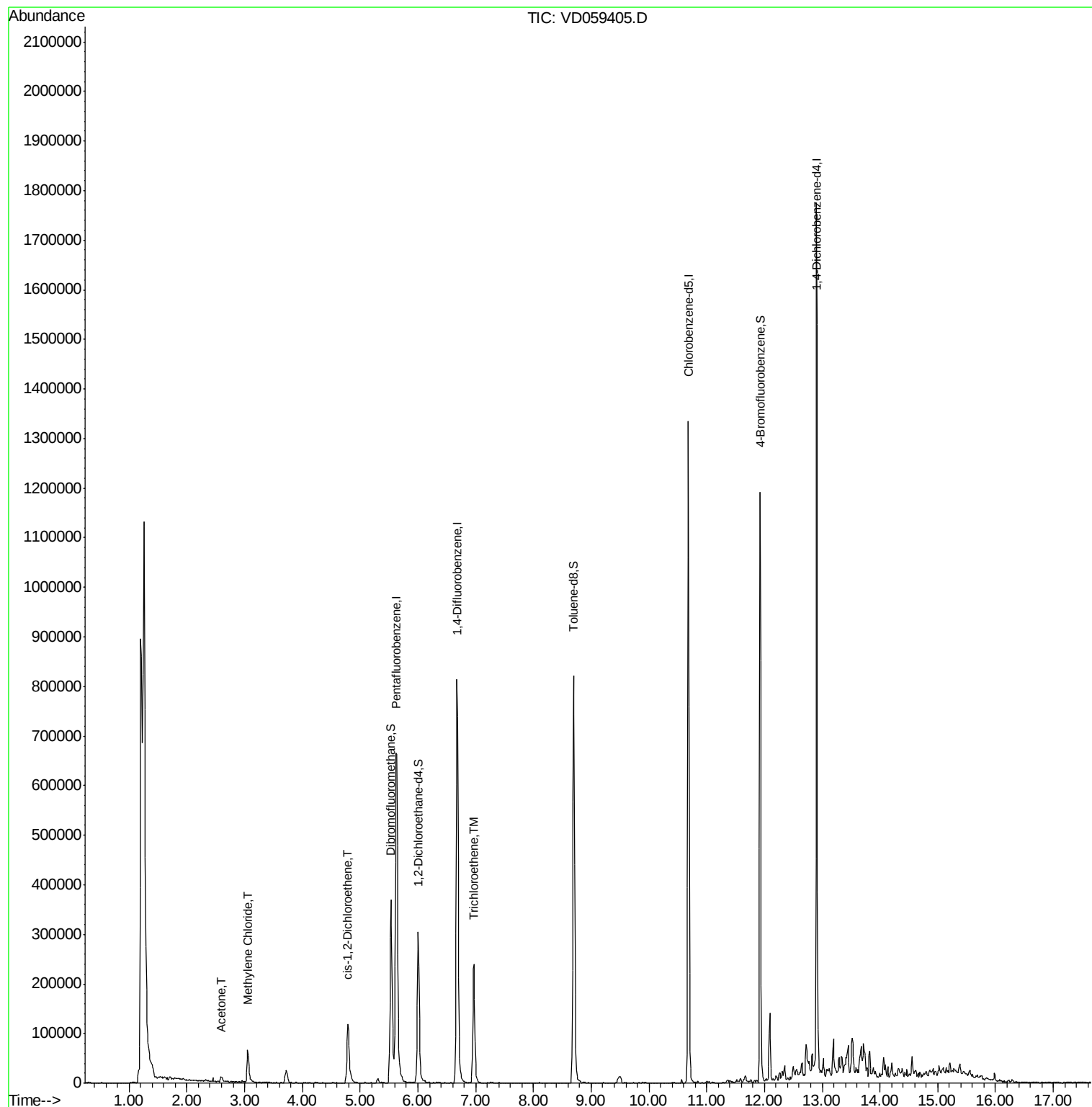
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	681198	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	830723	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	717076	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	402252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	301562	43.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.58%	
35) Dibromofluoromethane	5.53	113	288273	42.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.20%	
50) Toluene-d8	8.69	98	654994	41.41	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.82%	
62) 4-Bromofluorobenzene	11.92	95	303964	46.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds						
16) Acetone	2.59	43	21728	24.71	ug/l	98
20) Methylene Chloride	3.05	84	30499	10.54	ug/l	94
27) cis-1,2-Dichloroethene	4.80	96	65766	9.86	ug/l	79
44) Trichloroethene	6.97	130	99828	16.86	ug/l	98

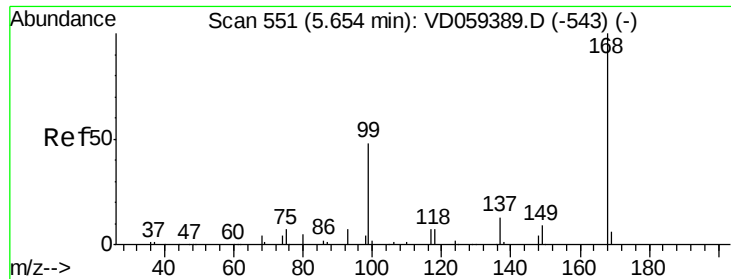
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062518\
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059405.D

Acq: 25 Jun 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

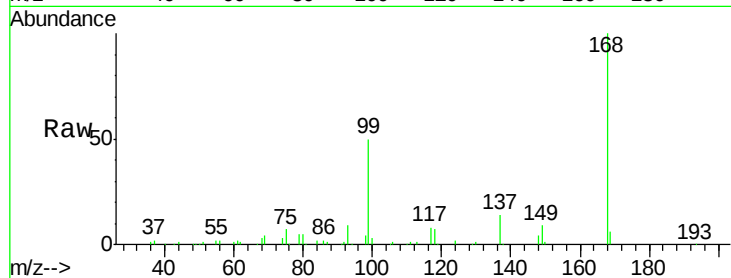
WP021SB470-31-33-180618RE

Tot Ion:168 Resp: 681198

Ion Ratio Lower Upper

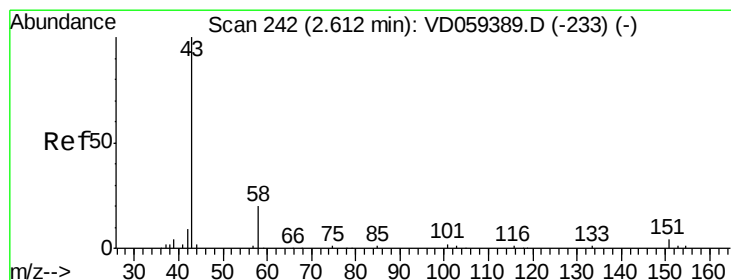
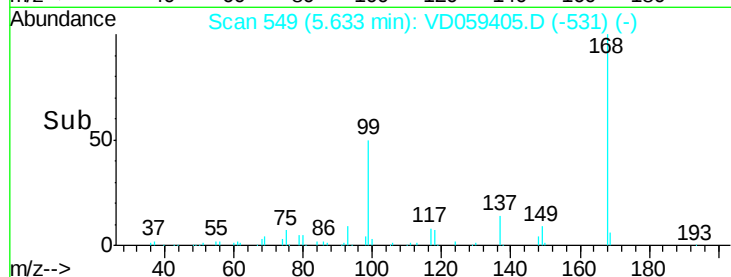
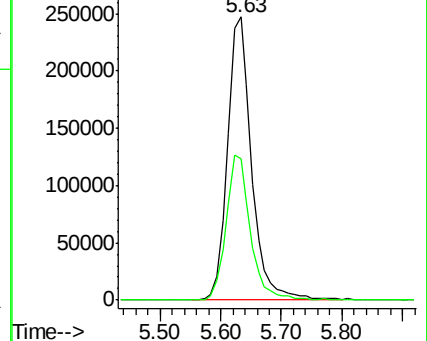
168 100

99 49.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 24.71 ug/l

RT: 2.59 min Scan# 240

Delta R.T. -0.02 min

Lab File: VD059405.D

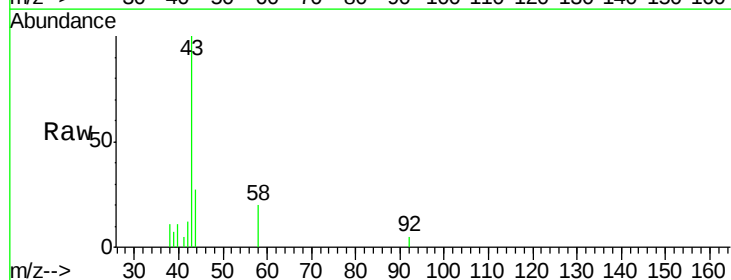
Acq: 25 Jun 2018 18:09

Tgt Ion: 43 Resp: 21728

Ion Ratio Lower Upper

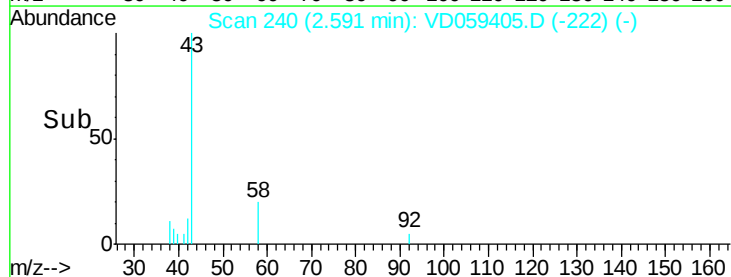
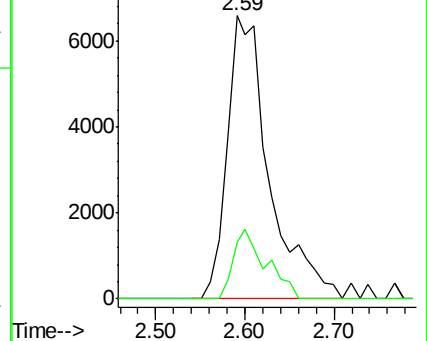
43 100

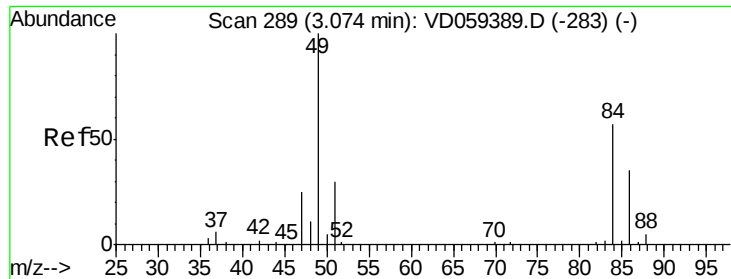
58 20.0 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

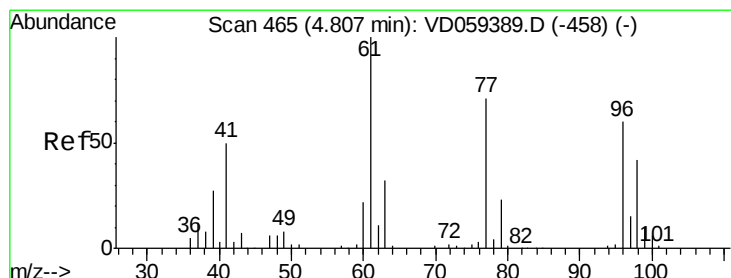
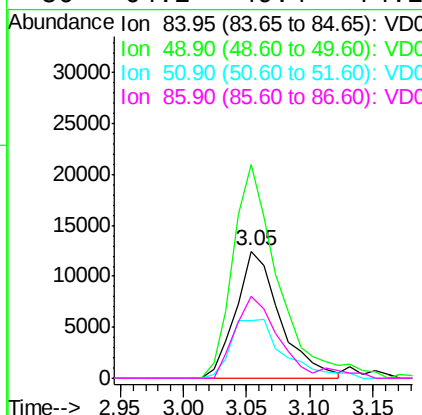
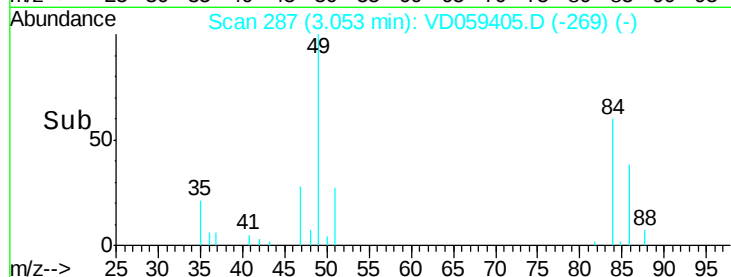
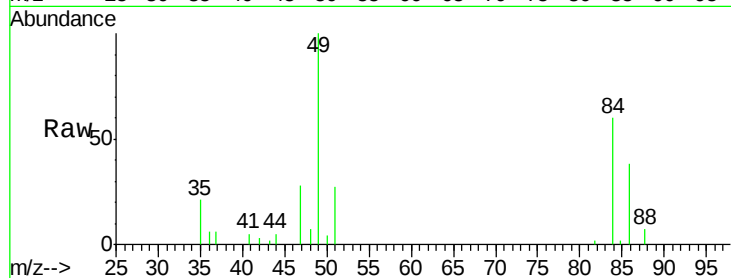




#20
Methvlene Chloride
Concen: 10.54 ug/l
RT: 3.05 min Scan# 287
Delta R.T. -0.02 min
Lab File: VD059405.D
Acq: 25 Jun 2018 18:09

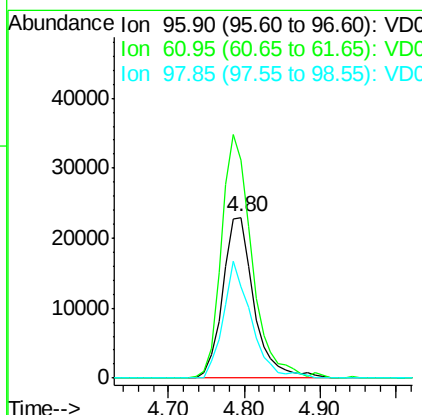
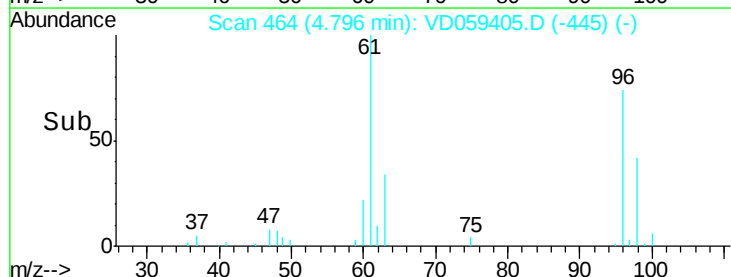
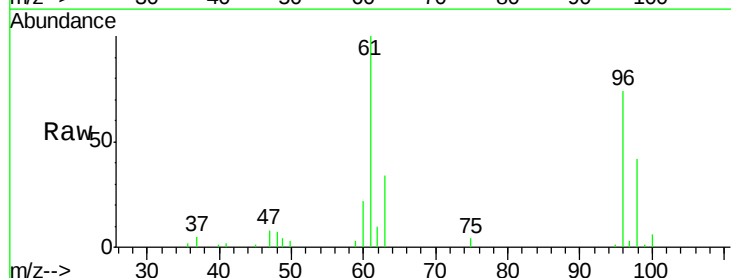
Instrument :
MSVOA_D
ClientSampleId :
WP021SB470-31-33-180618RE

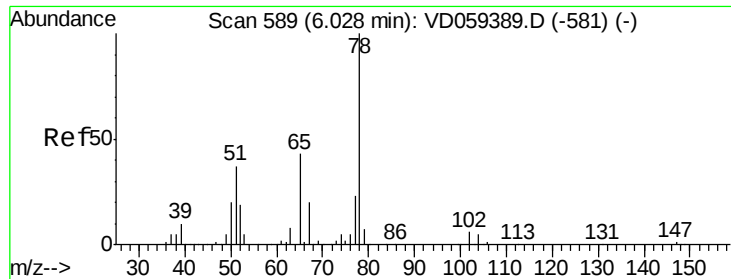
Tot Ion:	84	Resp:	30499
Ion	Ratio	Lower	Upper
84	100		
49	168.0	140.3	210.5
51	45.2	41.6	62.4
86	64.2	49.4	74.2



#27
cis-1,2-Dichloroethene
Concen: 9.86 ug/l
RT: 4.80 min Scan# 464
Delta R.T. -0.01 min
Lab File: VD059405.D
Acq: 25 Jun 2018 18:09

Tgt Ion:	96	Resp:	65766
Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	335.8
98	56.9	0.0	141.0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD059405.D

Acq: 25 Jun 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

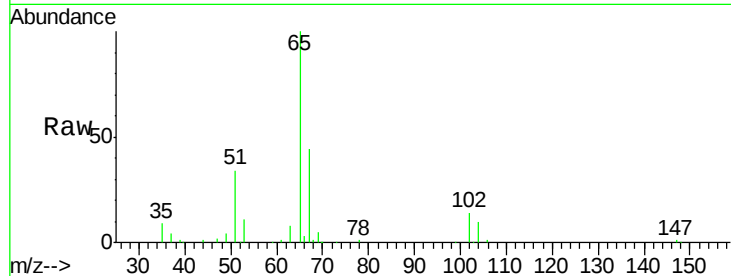
WP021SB470-31-33-180618RE

Tot Ion: 65 Resp: 301562

Ion Ratio Lower Upper

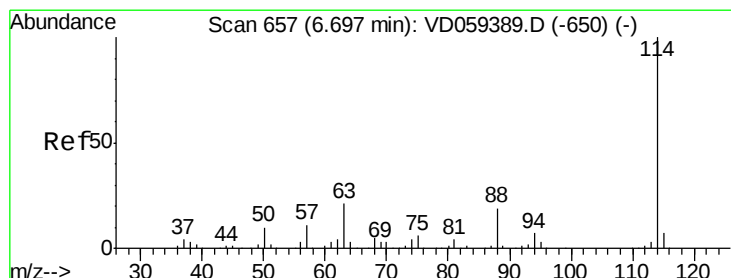
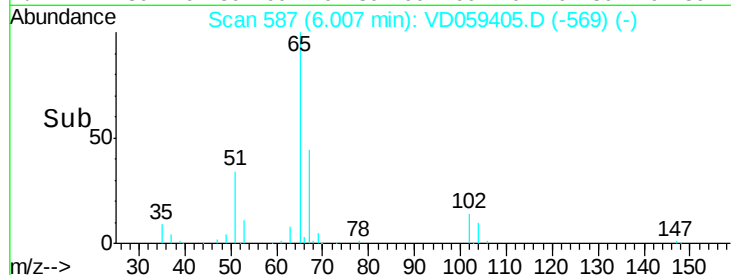
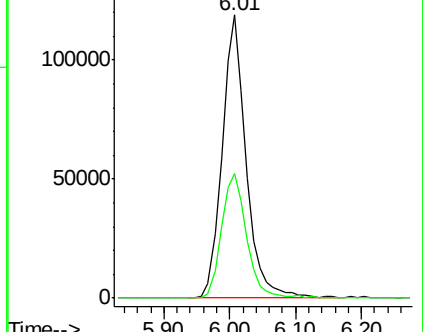
65 100

67 44.1 0.0 93.8



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: 6.68 min Scan# 655

Delta R.T. -0.02 min

Lab File: VD059405.D

Acq: 25 Jun 2018 18:09

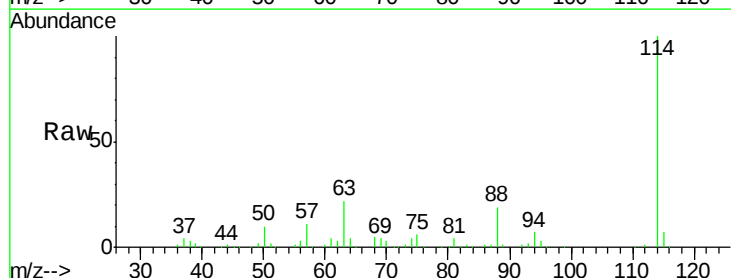
Tgt Ion: 114 Resp: 830723

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

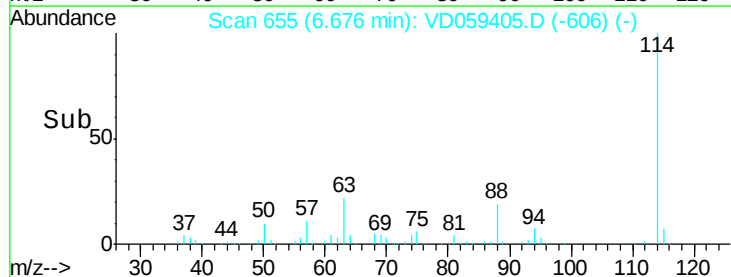
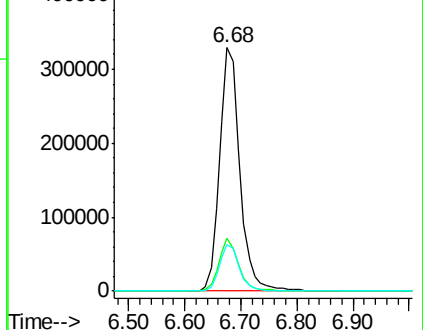
88 19.2 0.0 38.0

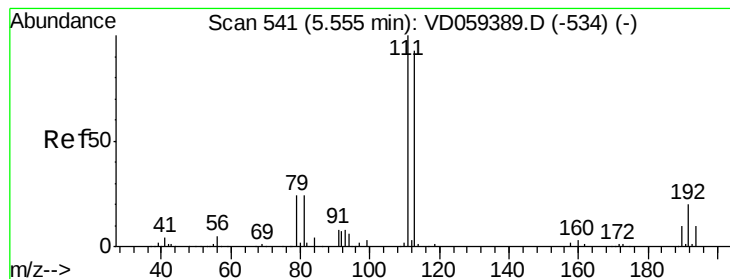


Abundance Ion 114.00 (113.70 to 114.70): V

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: 5.53 min Scan# 539

Delta R.T. -0.02 min

Lab File: VD059405.D

Acq: 25 Jun 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

WP021SB470-31-33-180618RE

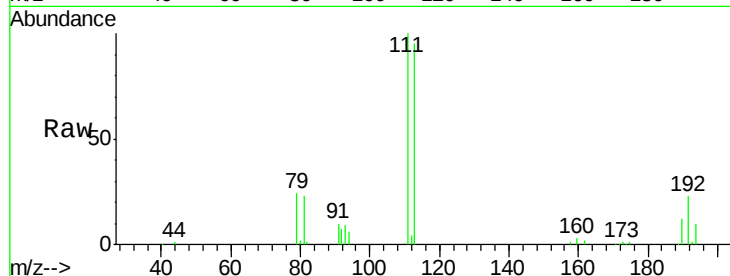
Tot Ion:113 Resp: 288273

Ion Ratio Lower Upper

113 100

111 105.8 85.7 128.5

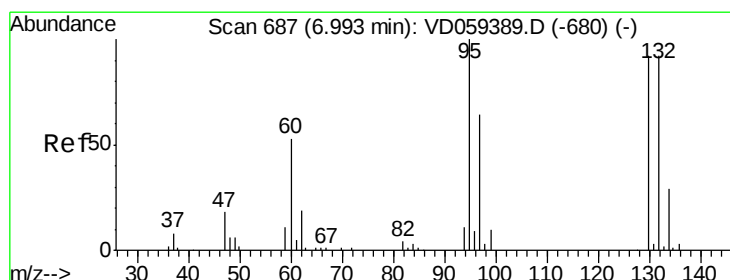
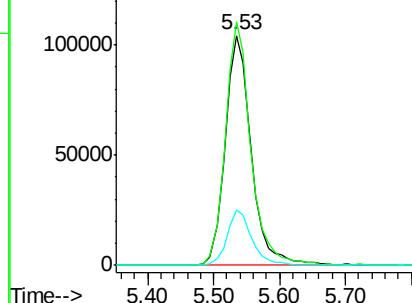
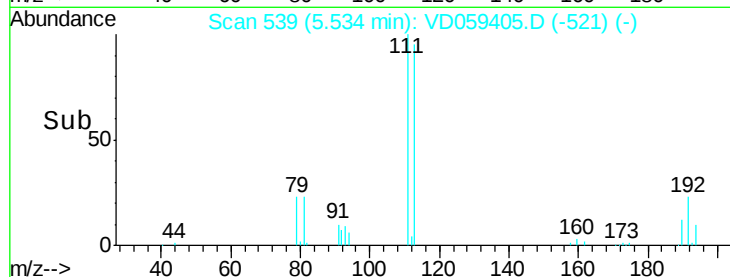
192 23.8 16.9 25.3



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



#44

Trichloroethene

Concen: 16.86 ug/l

RT: 6.97 min Scan# 685

Delta R.T. -0.02 min

Lab File: VD059405.D

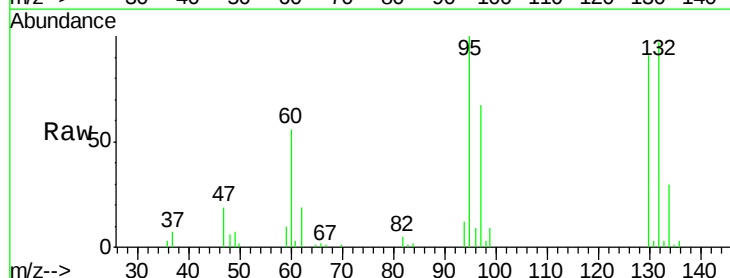
Acq: 25 Jun 2018 18:09

Tgt Ion:130 Resp: 99828

Ion Ratio Lower Upper

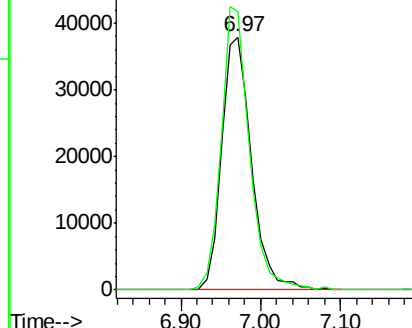
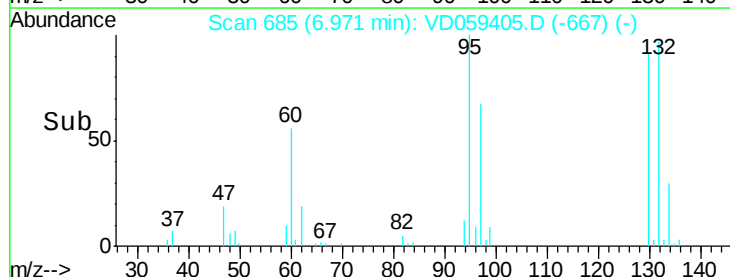
130 100

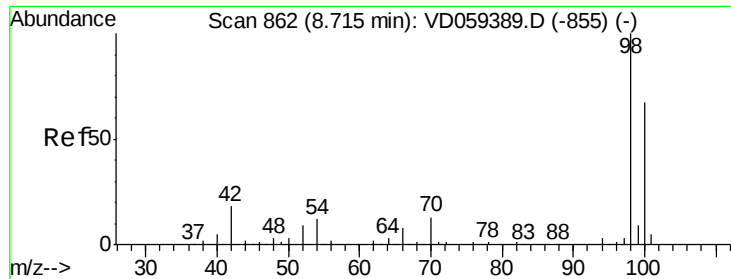
95 110.1 0.0 216.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.69 min Scan# 860

Delta R.T. -0.02 min

Lab File: VD059405.D

Acq: 25 Jun 2018 18:09

Instrument :

MSVOA_D

ClientSampleId :

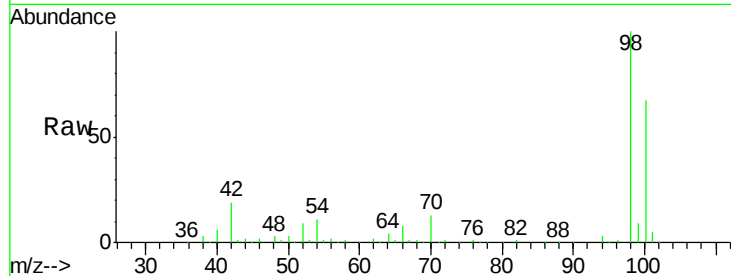
WP021SB470-31-33-180618RE

Tot Ion: 98 Resp: 654994

Ion Ratio Lower Upper

98 100

100 67.2 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.69

300000

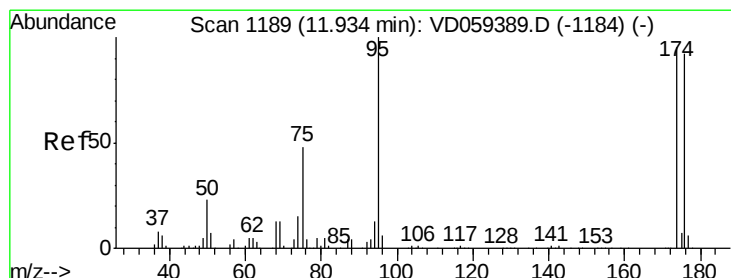
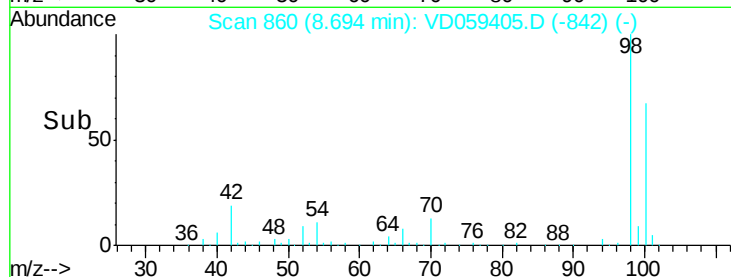
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD059405.D

Acq: 25 Jun 2018 18:09

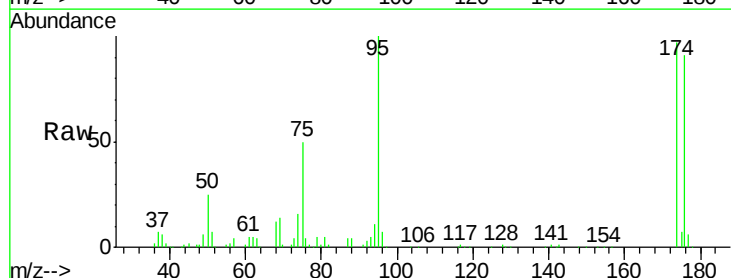
Tgt Ion: 95 Resp: 303964

Ion Ratio Lower Upper

95 100

174 96.6 0.0 190.4

176 91.0 0.0 183.2



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

300000

250000

200000

150000

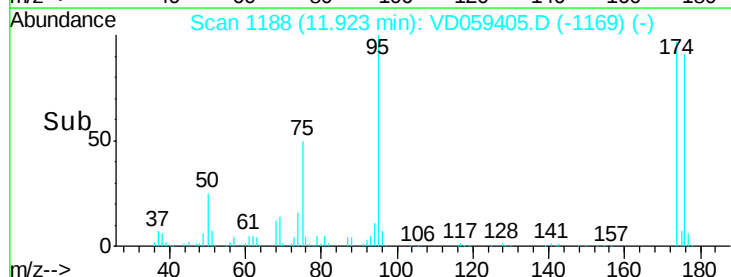
100000

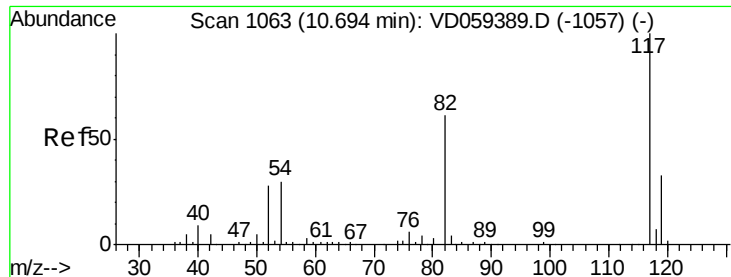
50000

0

11.90 12.00

Time-->

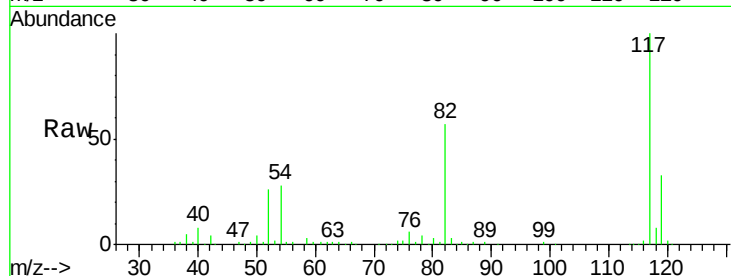




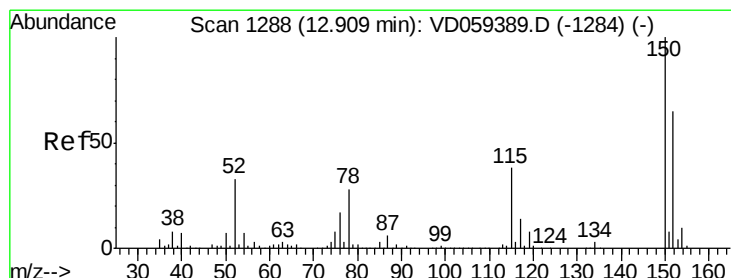
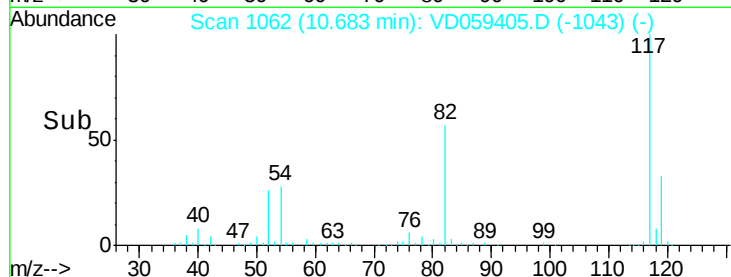
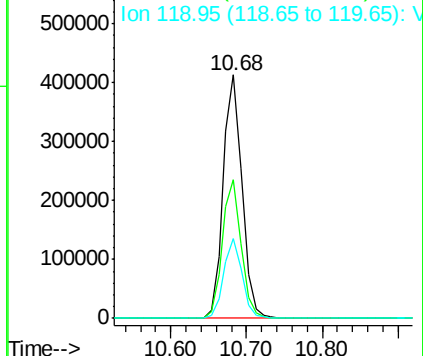
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059405.D
Acq: 25 Jun 2018 18:09

Instrument :
MSVOA_D
ClientSampleId :
WP021SB470-31-33-180618RE

Tot Ion:117 Resp: 717076
Ion Ratio Lower Upper
117 100
82 57.2 49.0 73.6
119 33.0 26.2 39.4

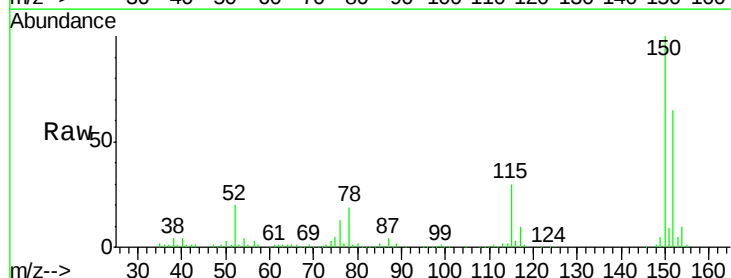


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059405.D
Acq: 25 Jun 2018 18:09

Tgt Ion:152 Resp: 402252
Ion Ratio Lower Upper
152 100
115 46.6 29.4 88.3
150 154.6 0.0 308.2



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

