

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059406.D
 Acq On : 25 Jun 2018 18:37
 Operator : VA/AP
 Sample : J3671-22RE
 Misc : 6.00g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB486-25-27-180621RE

Quant Time: Jun 26 07:40:15 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

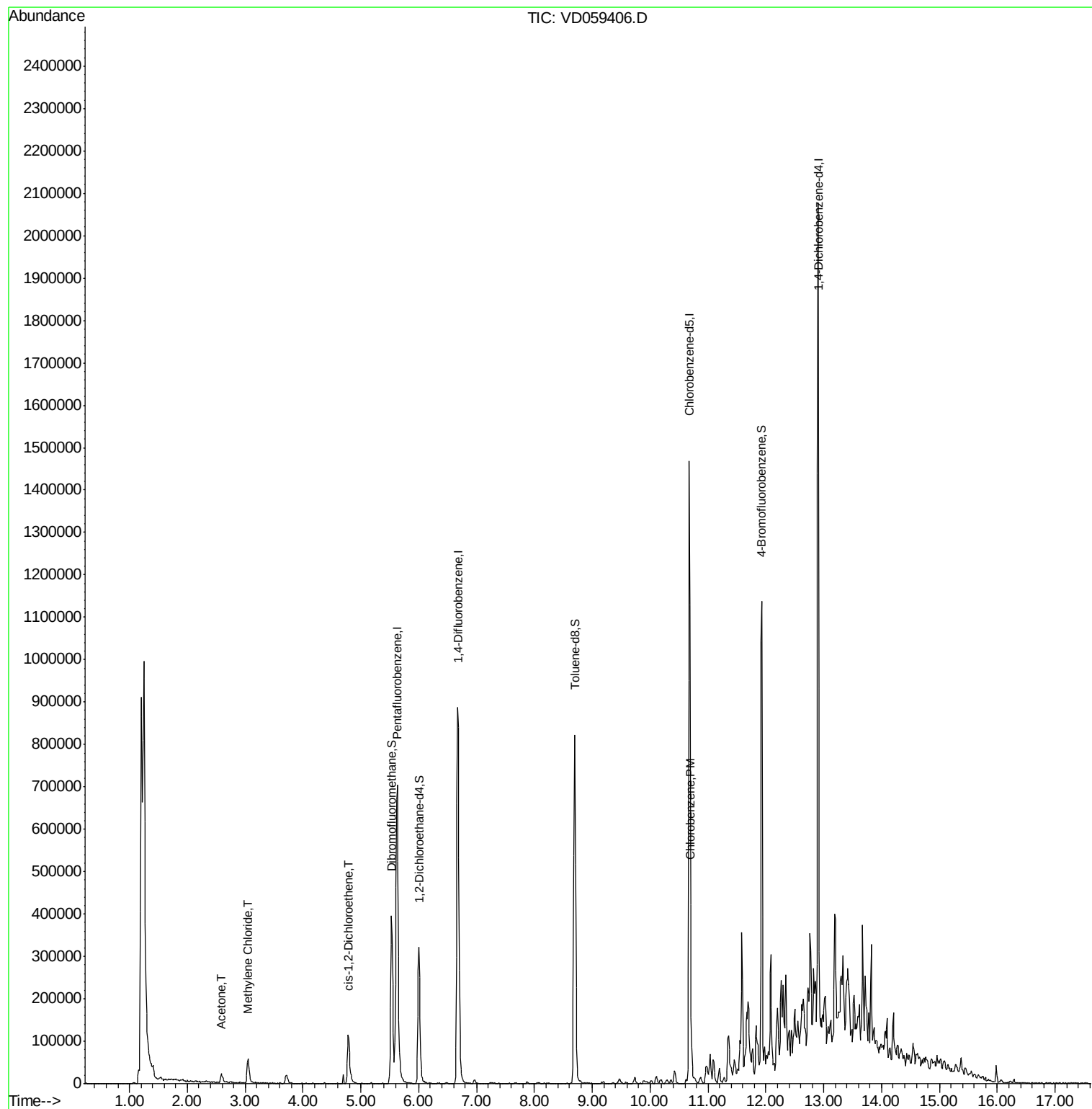
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	711356	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.67	114	931979	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	798698	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	427943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	311001	42.75	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	85.50%	
35) Dibromofluoromethane	5.53	113	314529	41.43	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	82.86%	
50) Toluene-d8	8.70	98	676017	38.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.18%	
62) 4-Bromofluorobenzene	11.92	95	314800	42.65	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.30%	
Target Compounds						
16) Acetone	2.59	43	42174	45.94	ug/l	# 87
20) Methylene Chloride	3.05	84	27678	8.82	ug/l	96
27) cis-1,2-Dichloroethene	4.78	96	65093	9.35	ug/l	85
65) Chlorobenzene	10.71	112	35249	2.41	ug/l	89

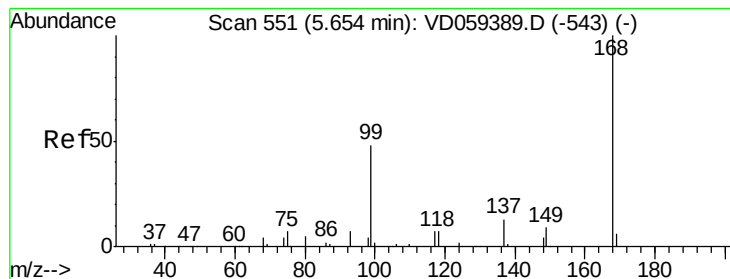
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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. -0.03 min

Lab File: VD059406.D

Acq: 25 Jun 2018 18:37

Instrument :

MSVOA_D

ClientSampleId :

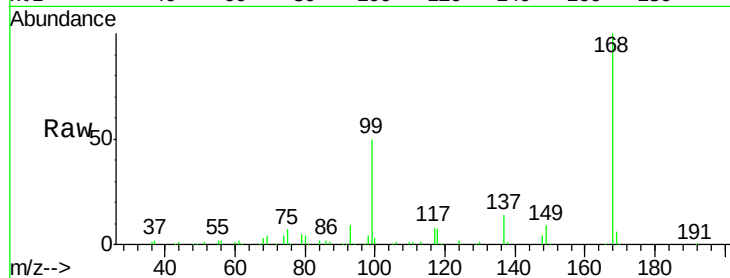
WP021SB486-25-27-180621RE

Tot Ion:168 Resp: 711356

Ion Ratio Lower Upper

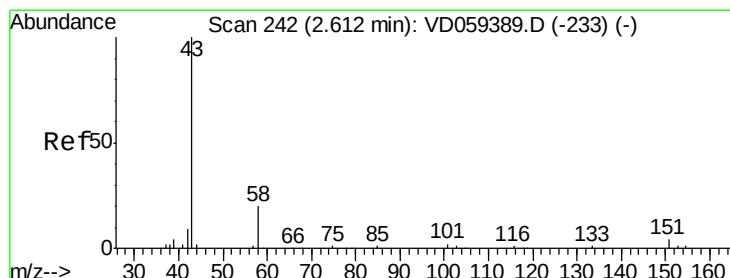
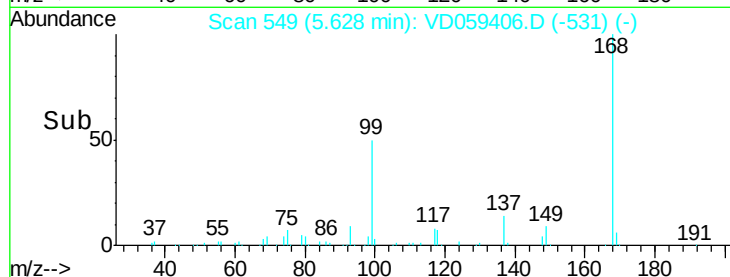
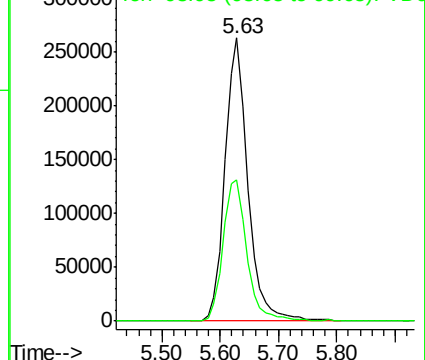
168 100

99 50.1 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: 45.94 ug/l

RT: 2.59 min Scan# 240

Delta R.T. -0.03 min

Lab File: VD059406.D

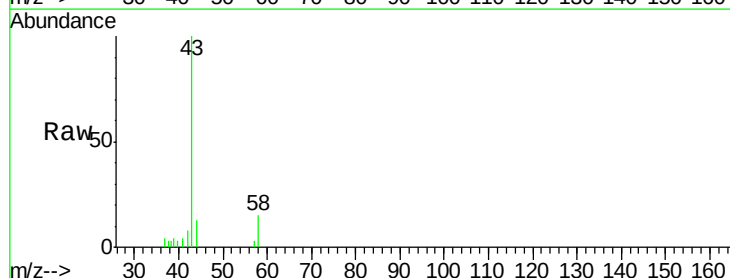
Acq: 25 Jun 2018 18:37

Tgt Ion: 43 Resp: 42174

Ion Ratio Lower Upper

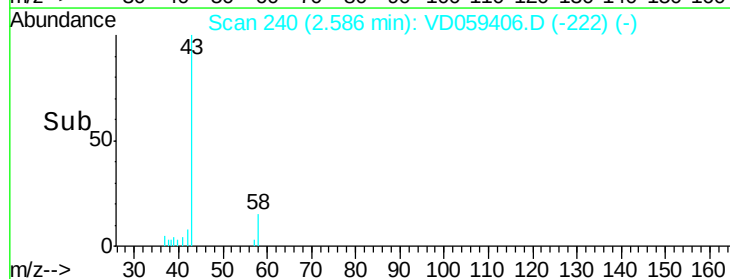
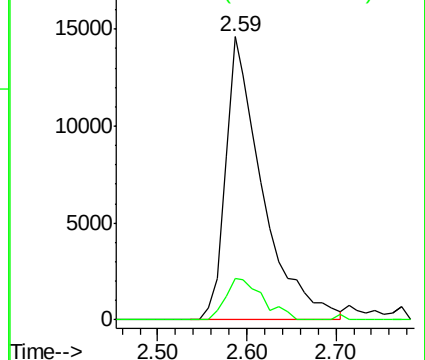
43 100

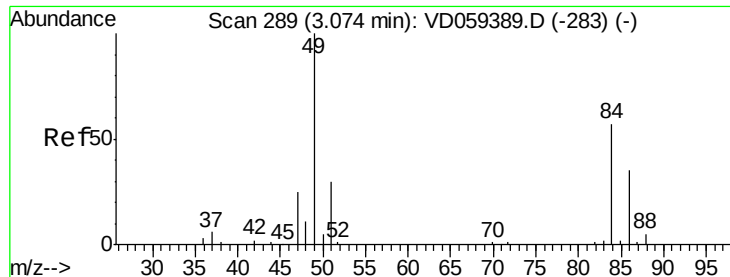
58 14.7 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

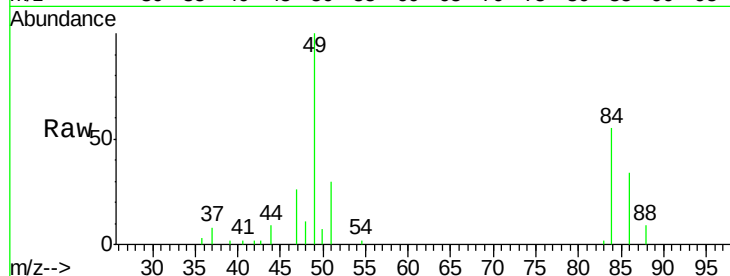




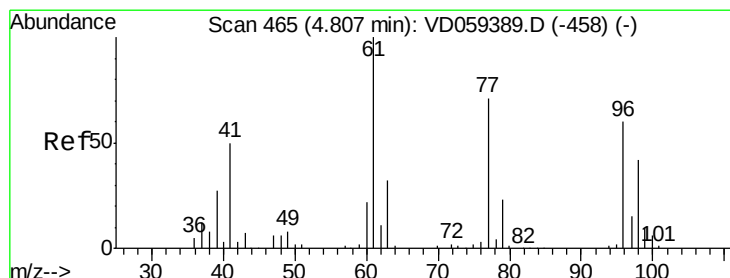
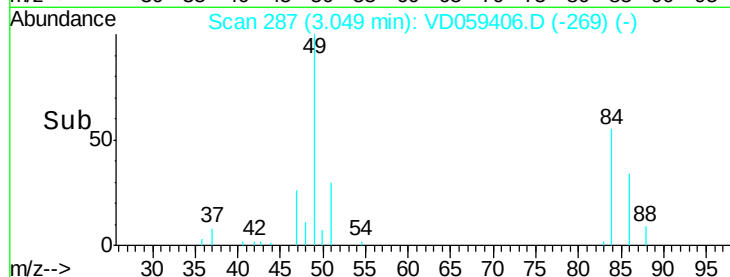
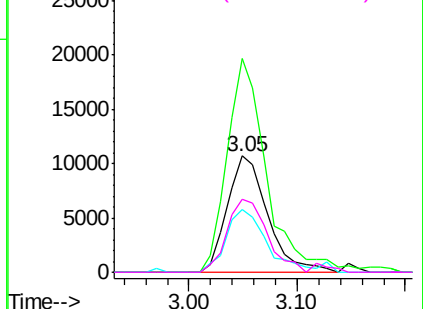
#20
Methvlene Chloride
Concen: 8.82 ug/l
RT: 3.05 min Scan# 287
Delta R.T. -0.02 min
Lab File: VD059406.D
Acq: 25 Jun 2018 18:37

Instrument :
MSVOA_D
ClientSampleId :
WP021SB486-25-27-180621RE

Tot Ion:	84	Resp:	27678
Ion	Ratio	Lower	Upper
84	100		
49	183.4	140.3	210.5
51	54.4	41.6	62.4
86	63.2	49.4	74.2

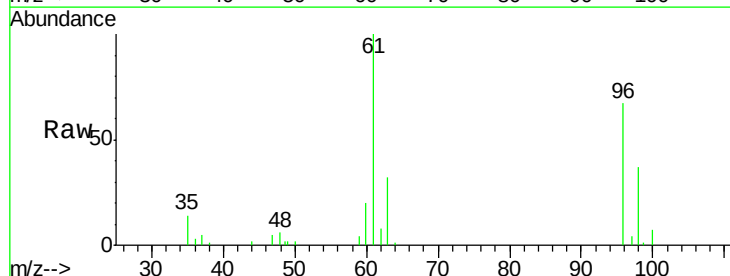


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

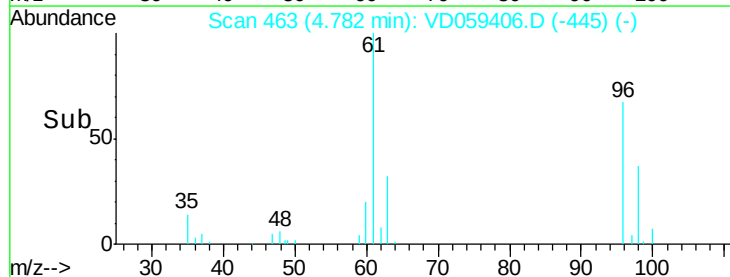
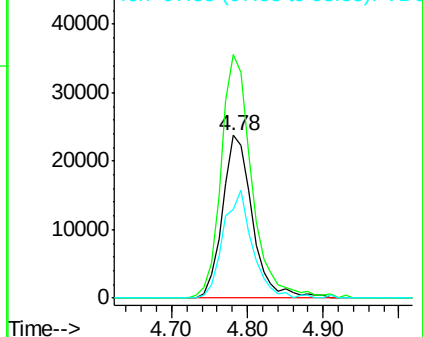


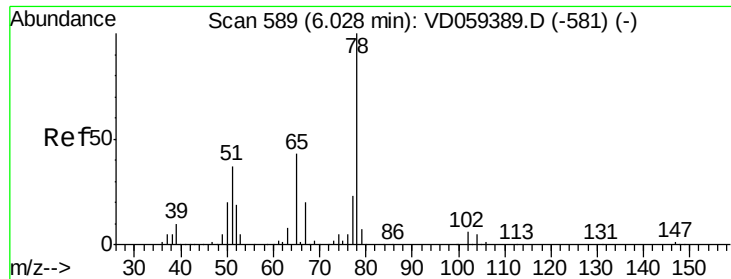
#27
cis-1,2-Dichloroethene
Concen: 9.35 ug/l
RT: 4.78 min Scan# 463
Delta R.T. -0.03 min
Lab File: VD059406.D
Acq: 25 Jun 2018 18:37

Tgt Ion:	96	Resp:	65093
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	335.8
98	54.9	0.0	141.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC

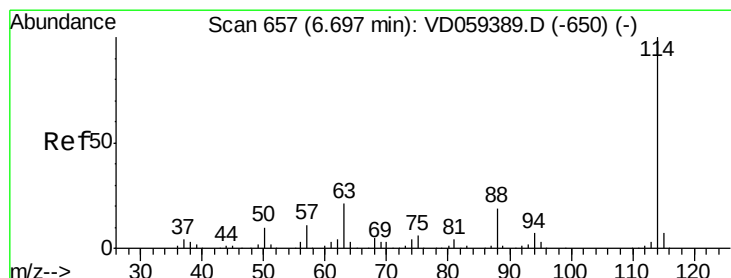
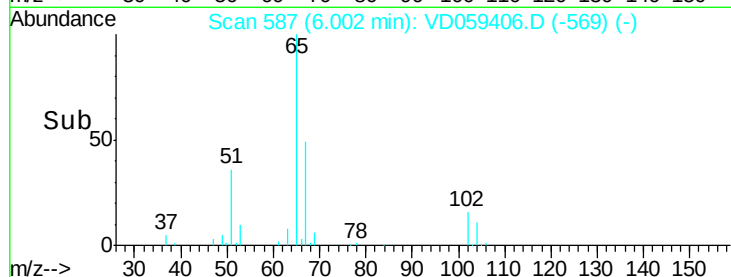
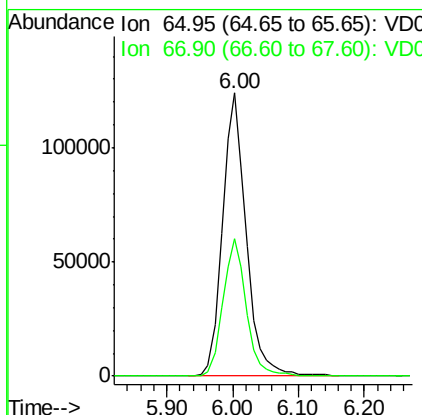
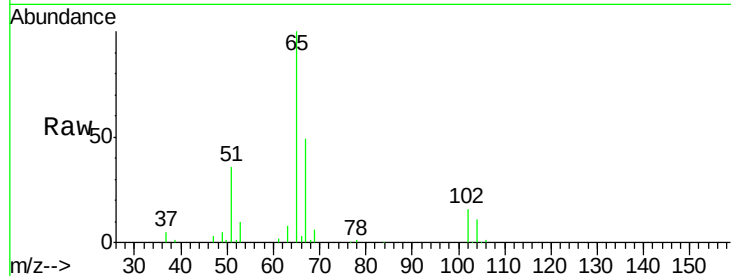




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: VD059406.D
 Acq: 25 Jun 2018 18:37

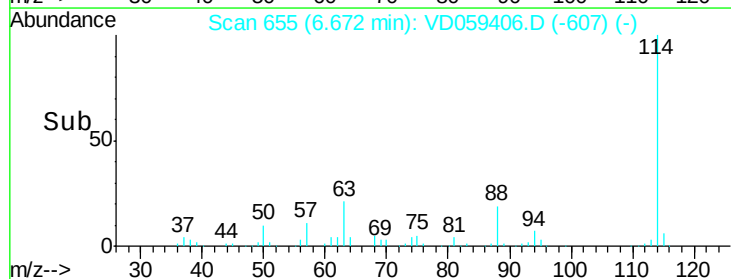
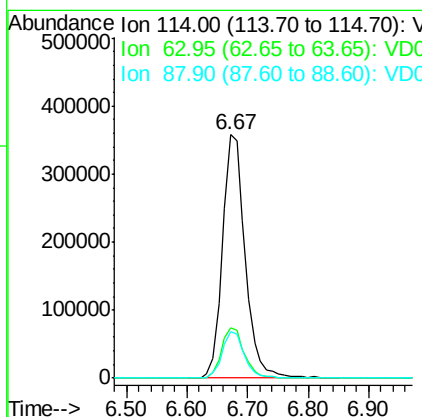
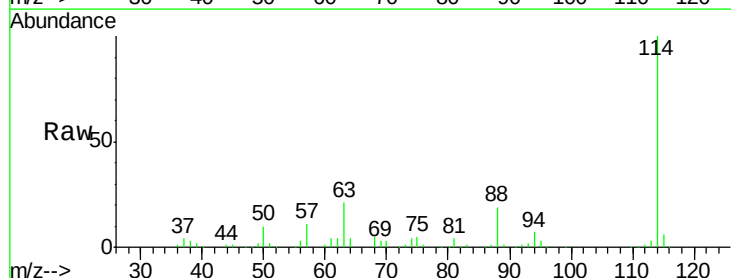
Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB486-25-27-180621RE

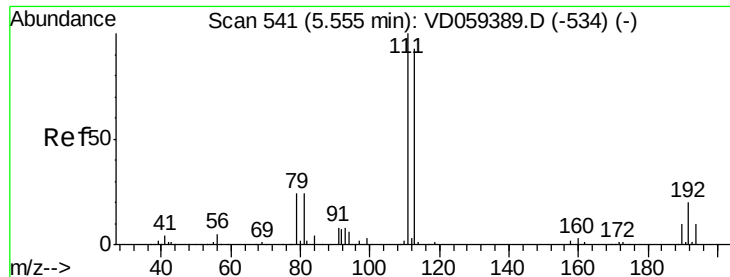
Tot Ion: 65 Resp: 311001
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. -0.03 min
 Lab File: VD059406.D
 Acq: 25 Jun 2018 18:37

Tgt Ion: 114 Resp: 931979
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 19.0 0.0 38.0

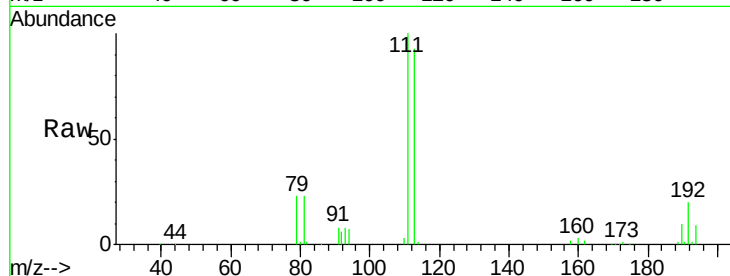




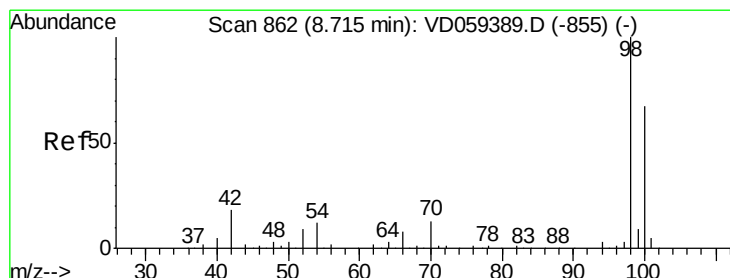
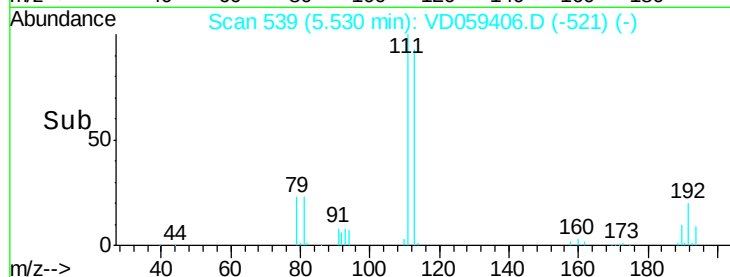
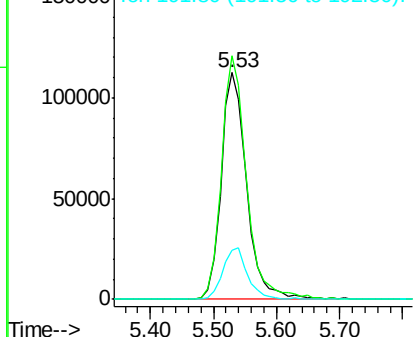
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.03 min
Lab File: VD059406.D
Acq: 25 Jun 2018 18:37

Instrument :
MSVOA_D
ClientSampleId :
WP021SB486-25-27-180621RE

Tot Ion:113 Resp: 314529
Ion Ratio Lower Upper
113 100
111 107.4 85.7 128.5
192 21.5 16.9 25.3

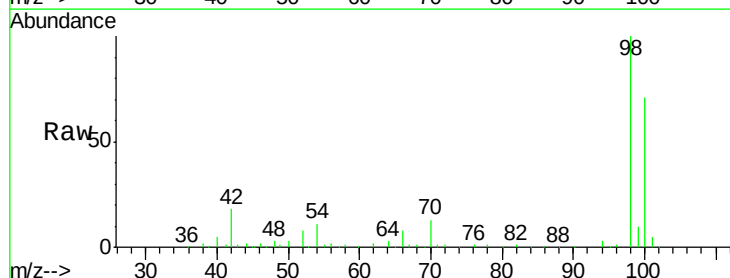


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

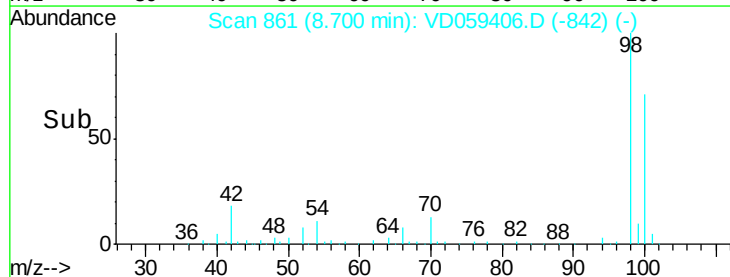
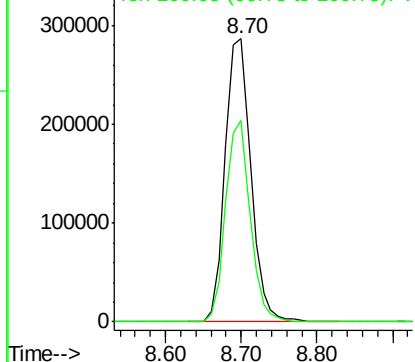


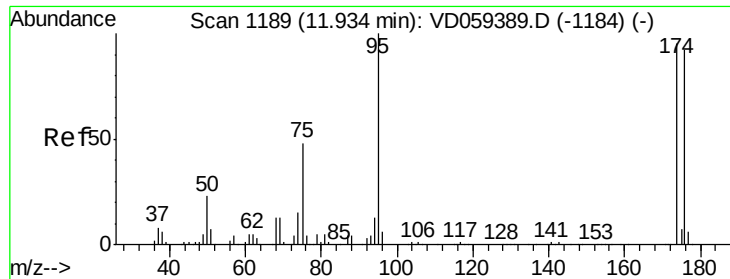
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059406.D
Acq: 25 Jun 2018 18:37

Tgt Ion: 98 Resp: 676017
Ion Ratio Lower Upper
98 100
100 71.3 54.4 81.6



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: 11.92 min Scan# 1188

Delta R.T. -0.02 min

Lab File: VD059406.D

Acq: 25 Jun 2018 18:37

Instrument :

MSVOA_D

ClientSampleId :

WP021SB486-25-27-180621RE

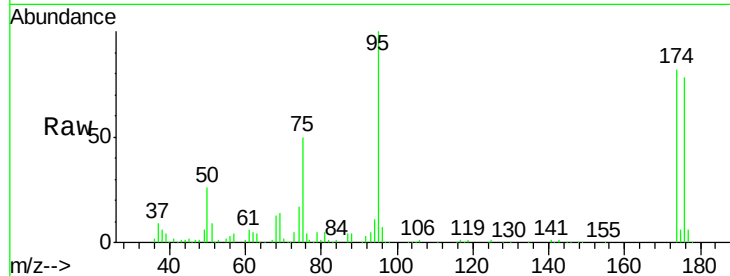
Tot Ion: 95 Resp: 314800

Ion Ratio Lower Upper

95 100

174 81.9 0.0 190.4

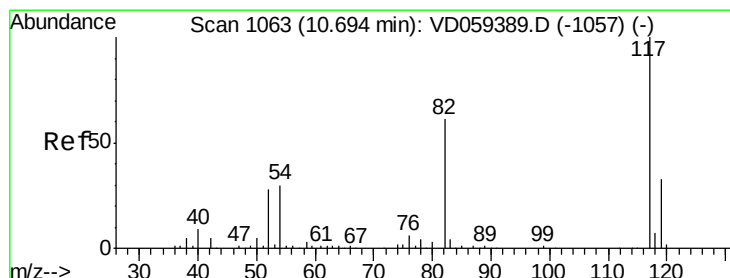
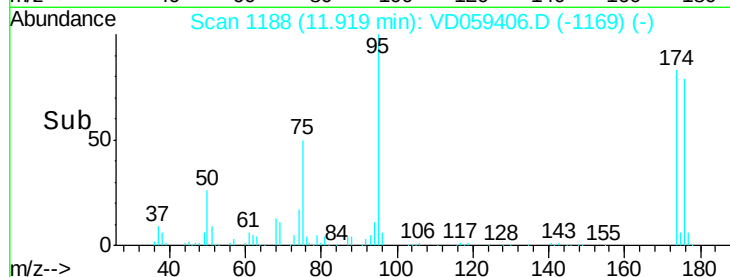
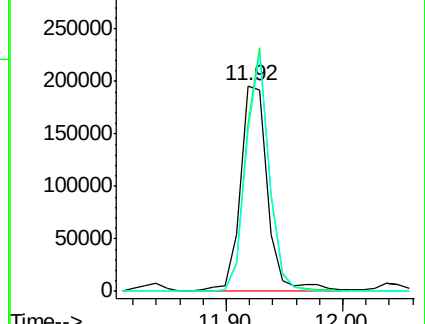
176 77.8 0.0 183.2



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: 10.68 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VD059406.D

Acq: 25 Jun 2018 18:37

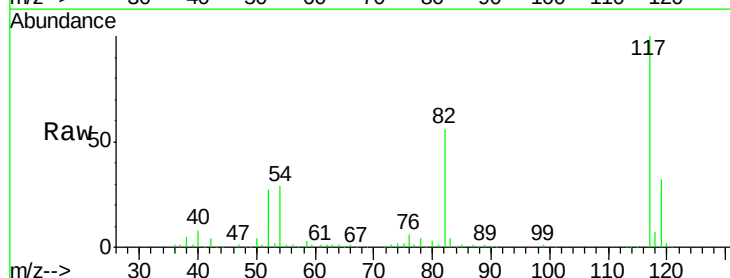
Tgt Ion: 117 Resp: 798698

Ion Ratio Lower Upper

117 100

82 56.2 49.0 73.6

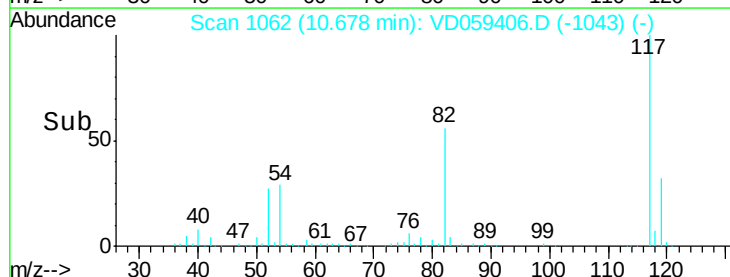
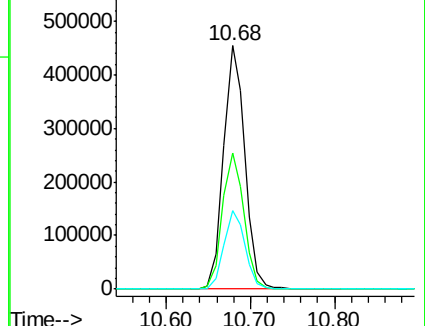
119 32.0 26.2 39.4

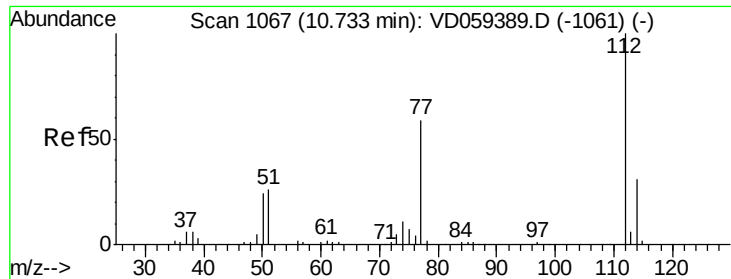


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

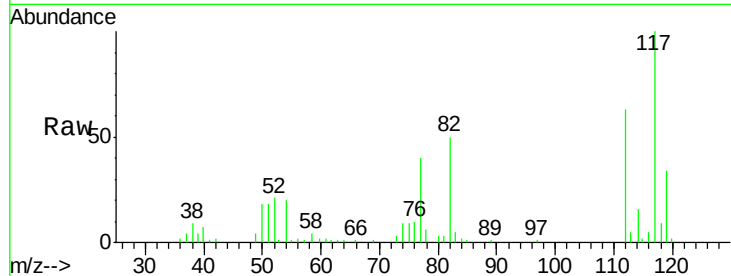




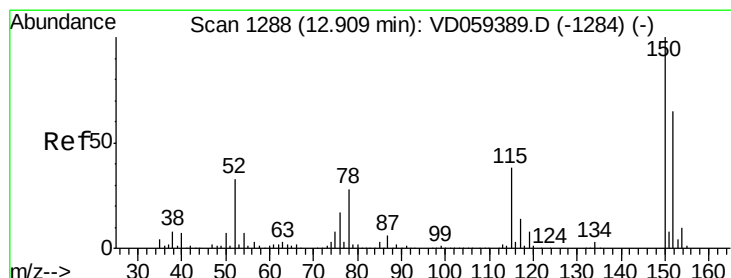
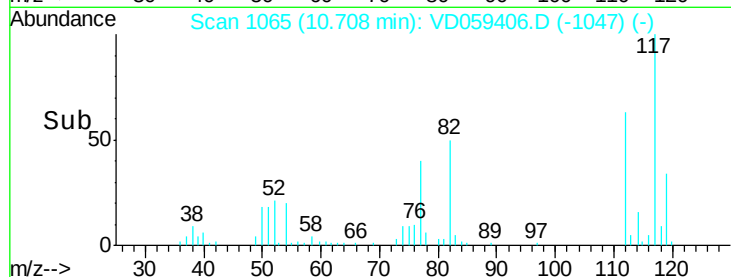
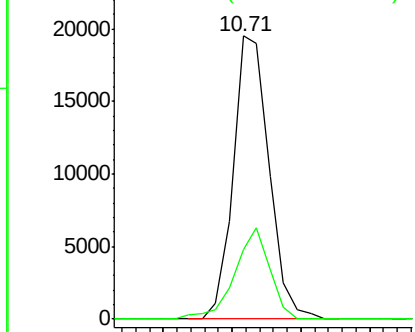
#65
Chlorobenzene
Concen: 2.41 ug/l
RT: 10.71 min Scan# 1065
Delta R.T. -0.03 min
Lab File: VD059406.D
Acq: 25 Jun 2018 18:37

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Tot Ion:112 Resp: 35249
Ion Ratio Lower Upper
112 100
114 24.8 24.6 37.0

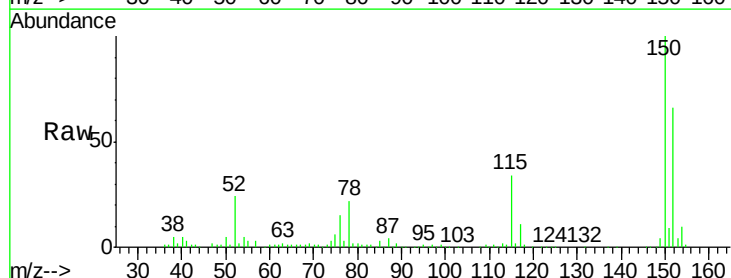


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059406.D
Acq: 25 Jun 2018 18:37

Tgt Ion:152 Resp: 427943
Ion Ratio Lower Upper
152 100
115 51.1 29.4 88.3
150 151.7 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

