

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059408.D
 Acq On : 25 Jun 2018 19:34
 Operator : VA/AP
 Sample : J3669-11RE
 Misc : 2.91g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB483-25-27-180620RE

Manual Integrations
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Quant Time: Jun 28 16:40:22 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	5.62	168	825879	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	1034164	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	850973	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	438164	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	379341	44.91	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.82%	
35) Dibromofluoromethane	5.53	113	370389	43.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.94%	
50) Toluene-d8	8.69	98	795779	40.41	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.82%	
62) 4-Bromofluorobenzene	11.92	95	360322	43.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.98%	
Target Compounds						
16) Acetone	2.59	43	16758m	15.72	ug/l	Qvalue
20) Methylene Chloride	3.04	84	16344	3.19	ug/l #	82
44) Trichloroethene	6.96	130	57881	7.85	ug/l	98

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

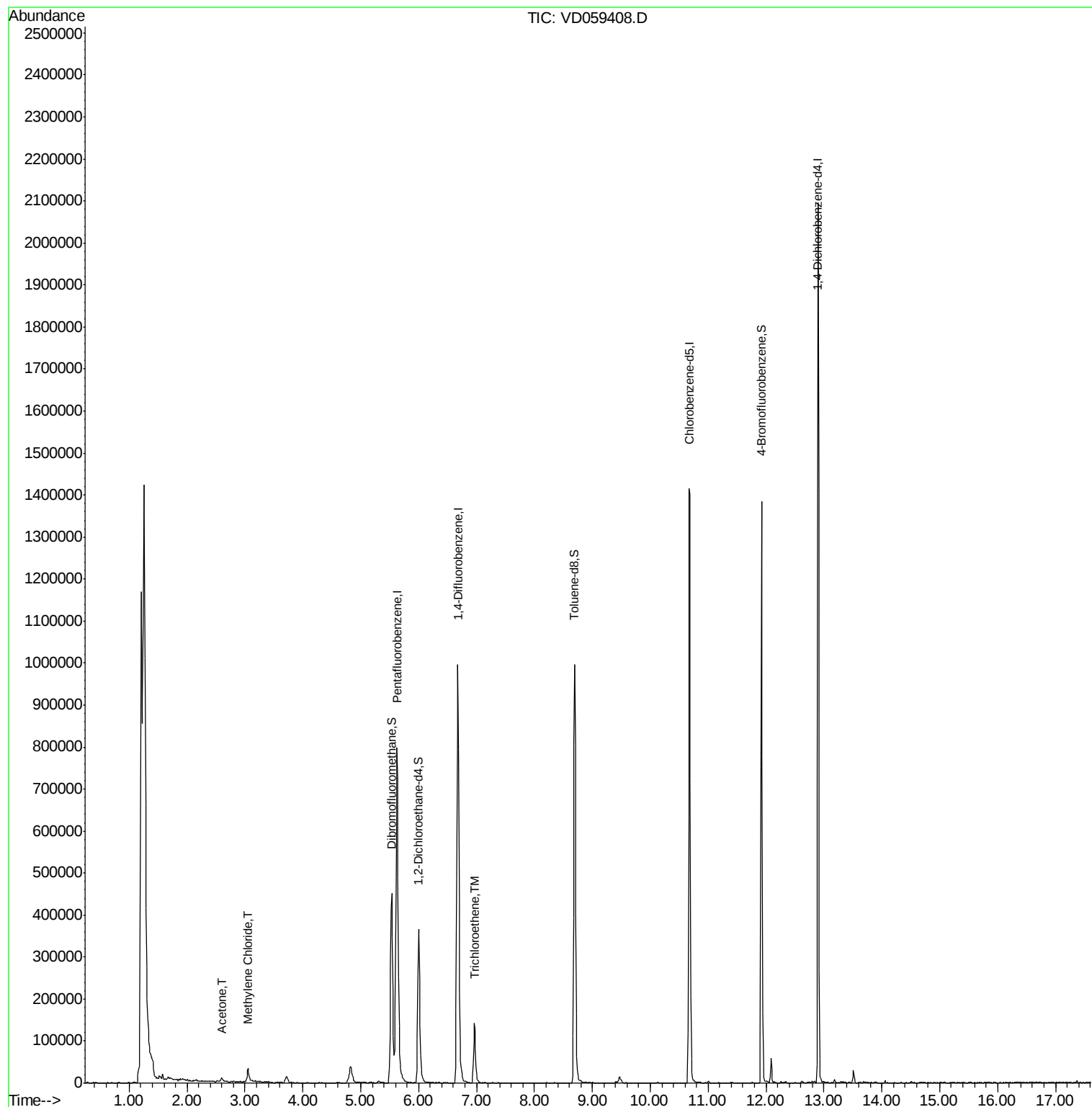
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062518\
Data File : VD059408.D
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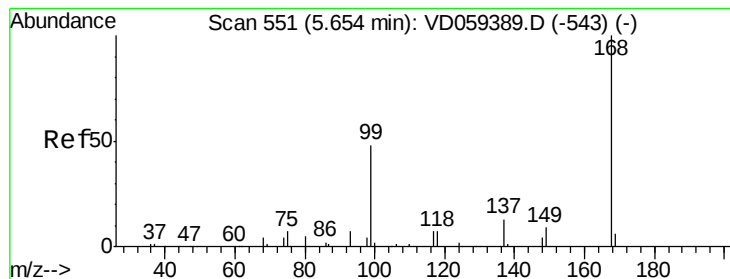
Instrument :
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Quant Time: Jun 28 16:40:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 548

Delta R.T. -0.03 min

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Instrument :

MSVOA_D

ClientSampleId :

WP021SB483-25-27-180620RE

Tot Ion:168 Resp: 825879

Ion Ratio Lower Upper

168 100

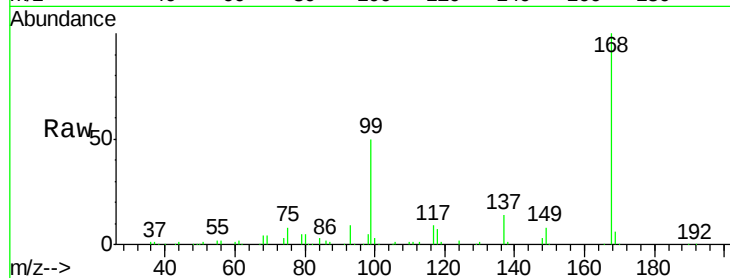
99 50.5 41.0 61.6

Manual Integrations

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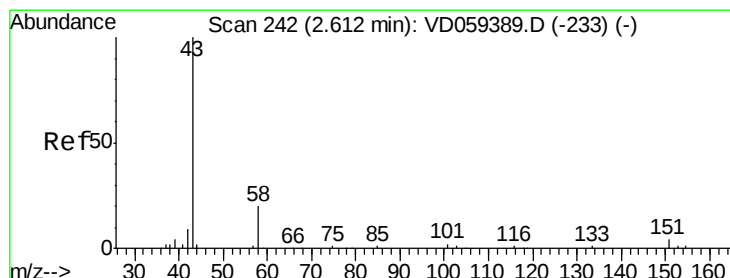
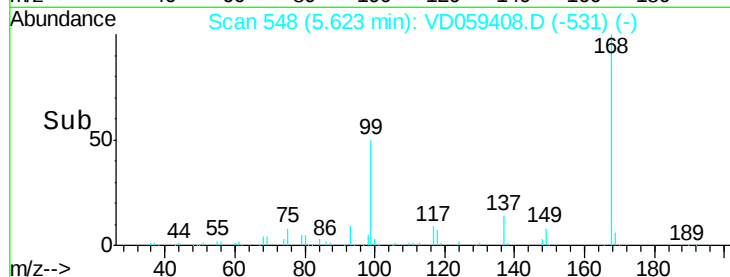
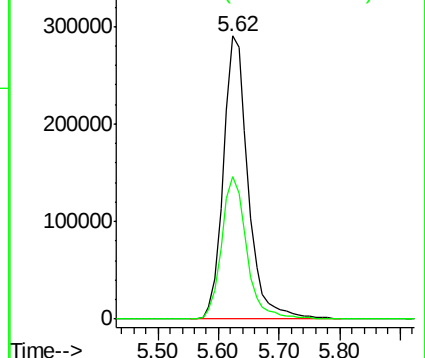
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 15.72 ug/l m

RT: 2.59 min Scan# 240

Delta R.T. -0.02 min

Lab File: VD059408.D

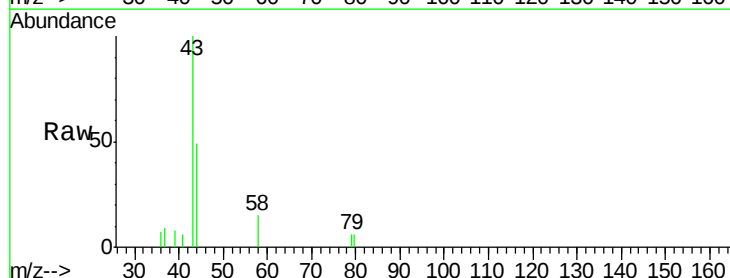
Acq: 25 Jun 2018 19:34

Tgt Ion: 43 Resp: 16758

Ion Ratio Lower Upper

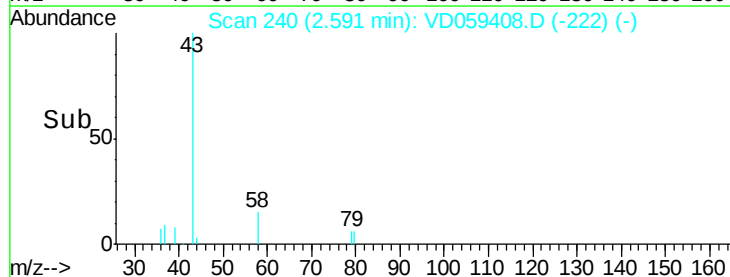
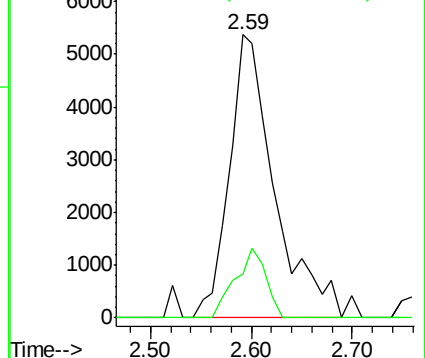
43 100

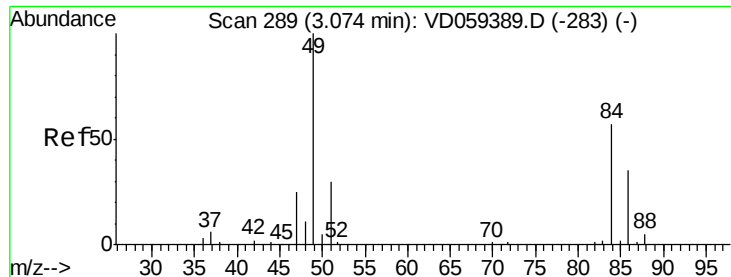
58 15.5 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 3.19 ug/l

RT: 3.04 min Scan# 286

Delta R.T. -0.03 min

Lab File: VD059408.D

Acq: 25 Jun 2018 19:34

Instrument :

MSVOA_D

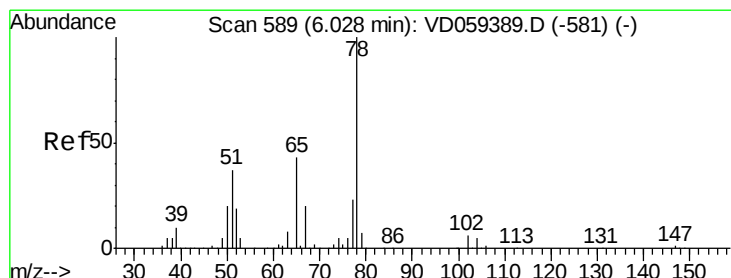
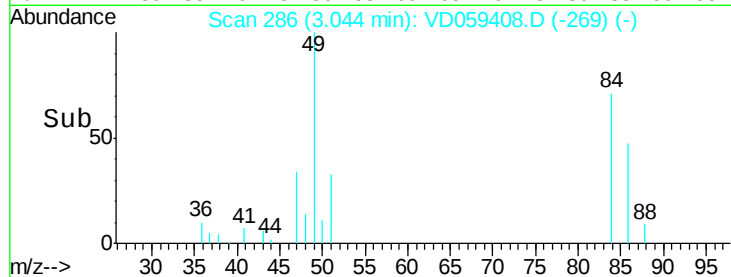
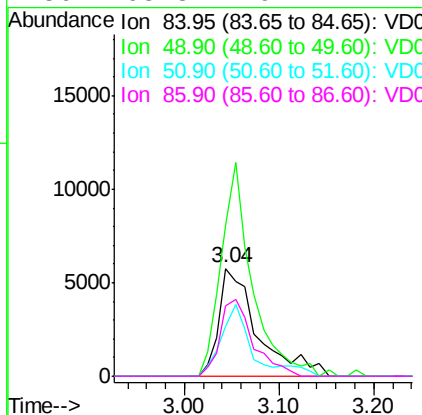
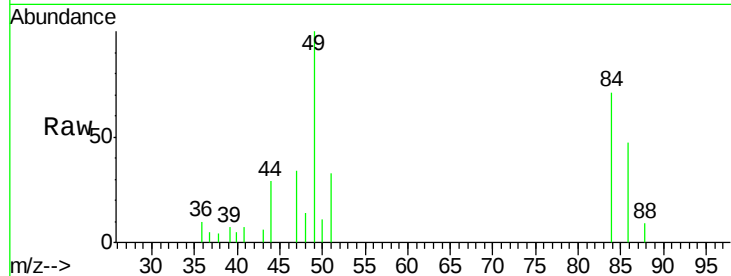
ClientSampleId :

WP021SB483-25-27-180620RE

Tot Ion:	84	Resp:	16344
Ion	Ratio	Lower	Upper
84	100		
49	140.2	140.3	210.5#
51	46.9	41.6	62.4
86	65.3	49.4	74.2

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#33

1,2-Dichloroethane-d4

Concen: Below ug/l

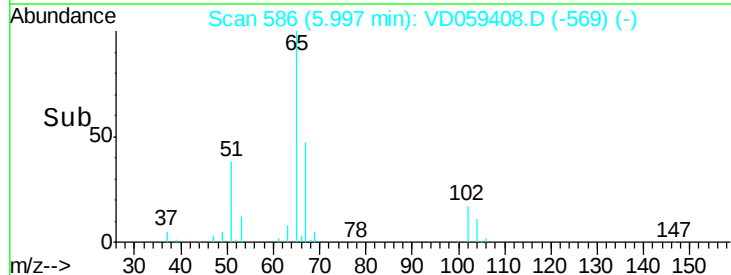
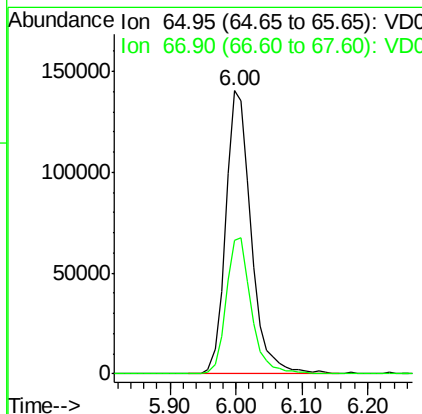
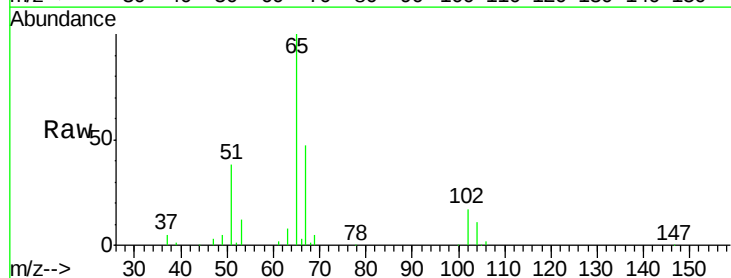
RT: 6.00 min Scan# 586

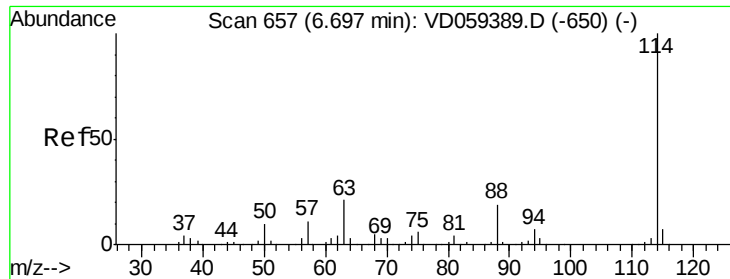
Delta R.T. -0.03 min

Lab File: VD059408.D

Acq: 25 Jun 2018 19:34

Tgt Ion:	65	Resp:	379341
Ion	Ratio	Lower	Upper
65	100		
67	47.4	0.0	93.8





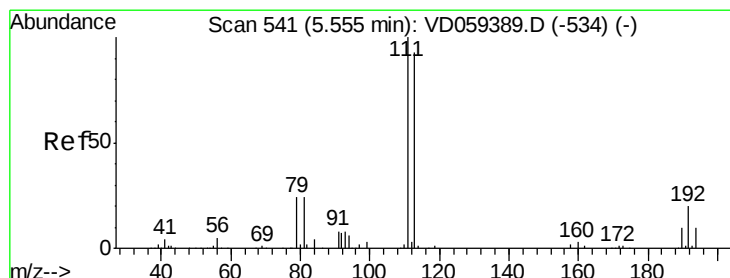
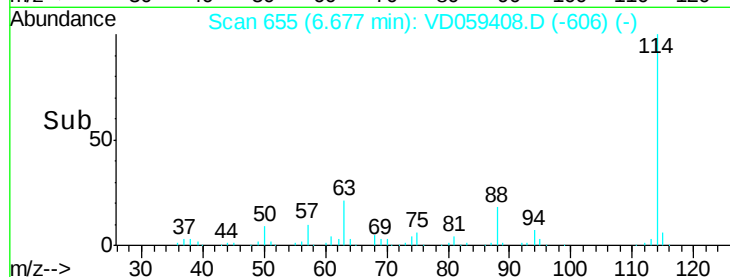
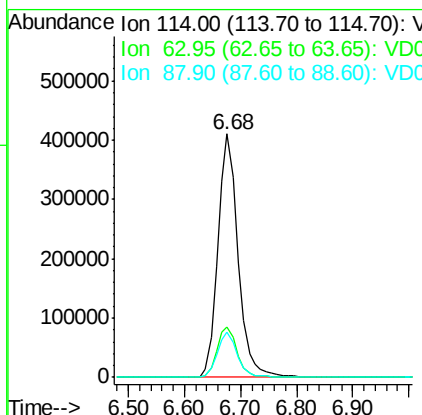
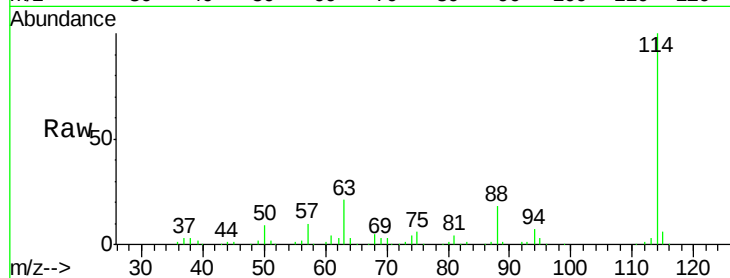
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD059408.D
 Acq: 25 Jun 2018 19:34

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB483-25-27-180620RE

Tot Ion:114 Resp: 1034164
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 18.4 0.0 38.0

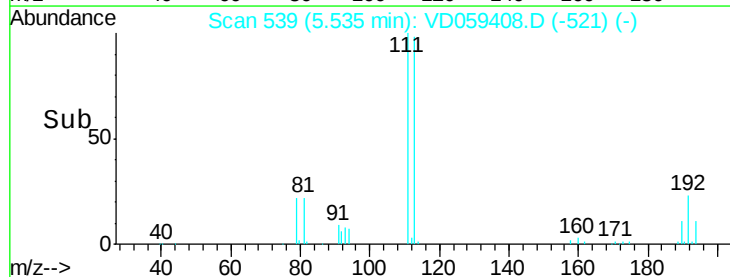
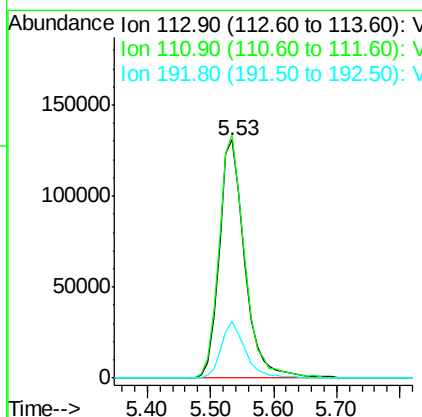
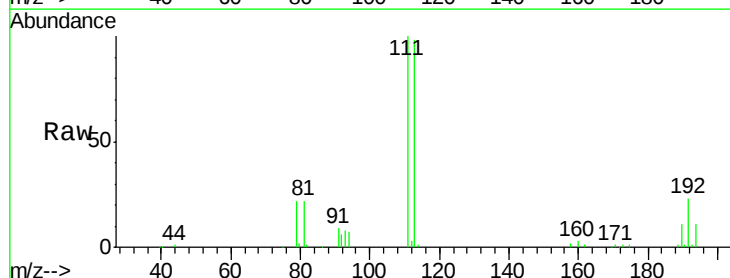
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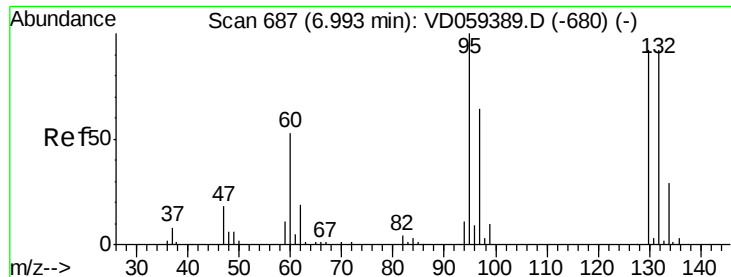
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#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: VD059408.D
 Acq: 25 Jun 2018 19:34

Tgt Ion:113 Resp: 370389
 Ion Ratio Lower Upper
 113 100
 111 102.1 85.7 128.5
 192 23.5 16.9 25.3





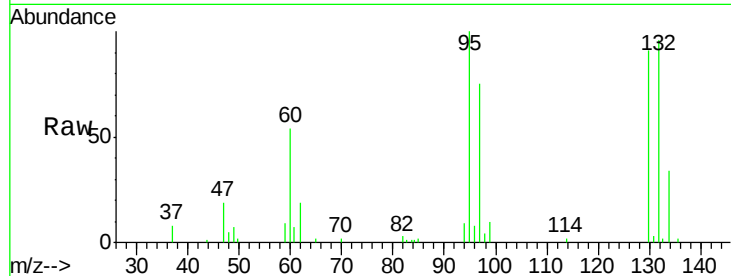
#44
 Trichloroethene
 Concen: 7.85 ug/l
 RT: 6.96 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: VD059408.D
 Acq: 25 Jun 2018 19:34

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB483-25-27-180620RE

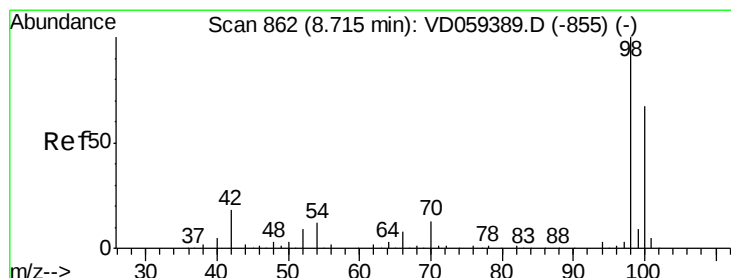
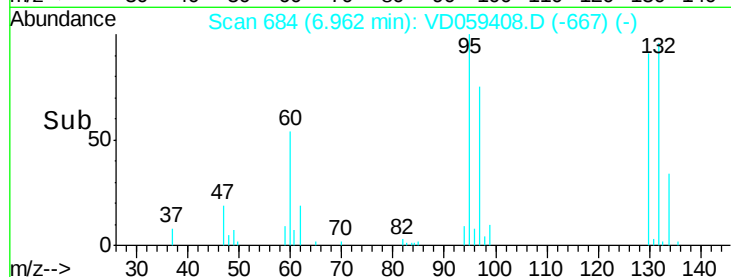
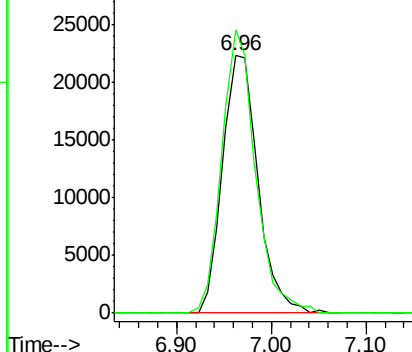
Tot Ion:130 Resp: 57881
 Ion Ratio Lower Upper
 130 100
 95 109.9 0.0 216.4

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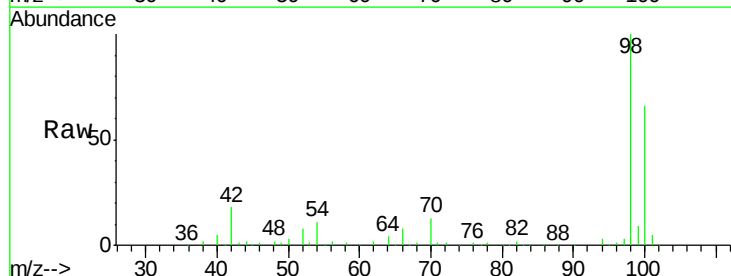


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VDC

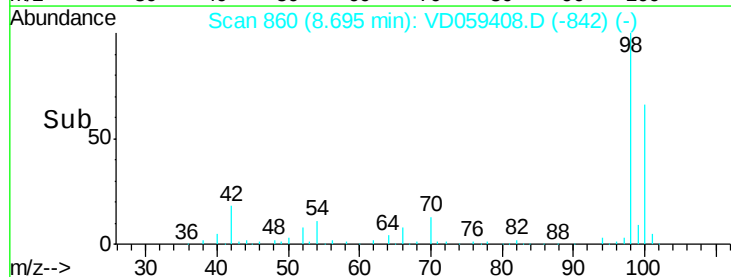
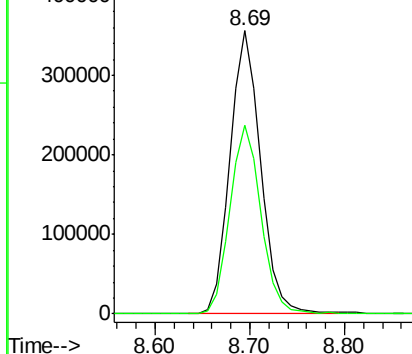


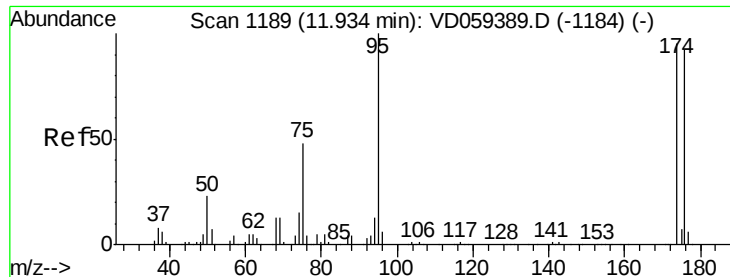
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VD059408.D
 Acq: 25 Jun 2018 19:34

Tgt Ion: 98 Resp: 795779
 Ion Ratio Lower Upper
 98 100
 100 66.5 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. -0.01 min

Lab File: VD059408.D

Acq: 25 Jun 2018 19:34

Instrument :

MSVOA_D

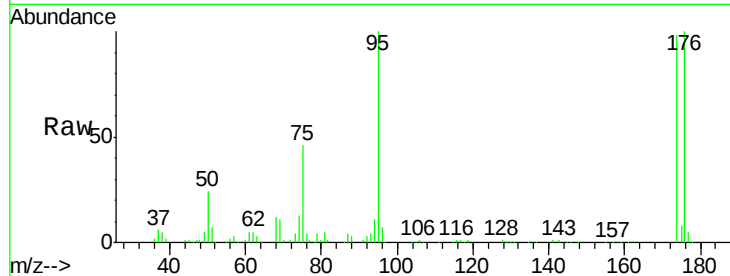
ClientSampleId :

WP021SB483-25-27-180620RE

Tot Ion:	95	Resp:	360322
Ion Ratio	Lower	Upper	
95	100		
174	98.2	0.0	190.4
176	99.5	0.0	183.2

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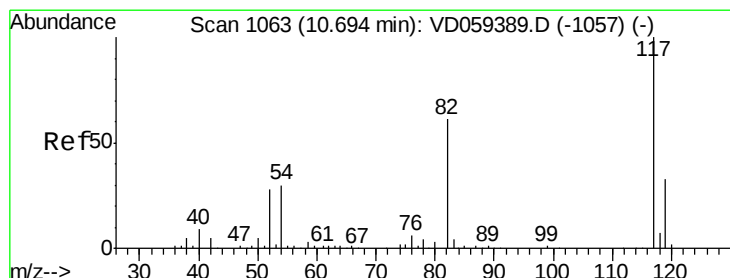
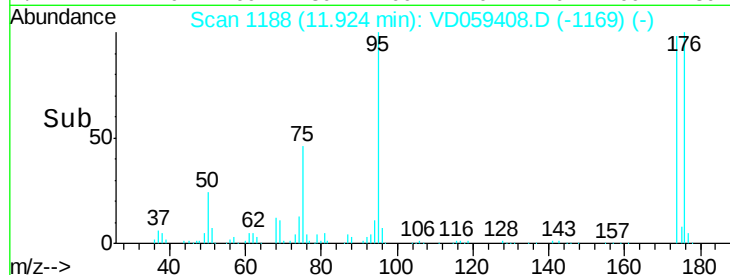
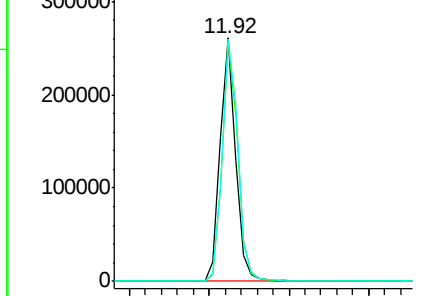
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Abundance Ion 95.00 (94.70 to 95.70): V

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

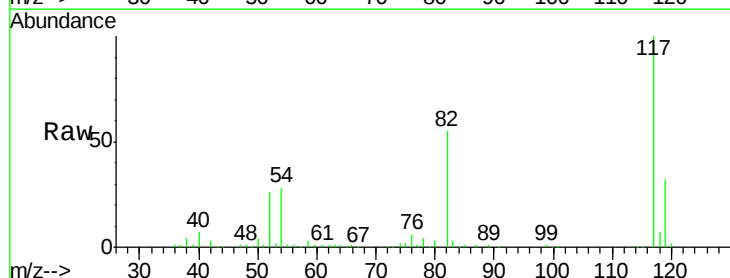
RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059408.D

Acq: 25 Jun 2018 19:34

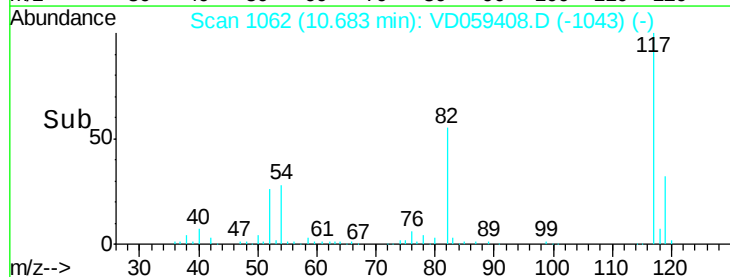
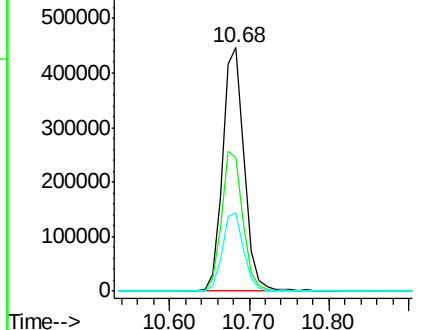
Tgt Ion:	117	Resp:	850973
Ion Ratio	Lower	Upper	
117	100		
82	54.8	49.0	73.6
119	32.4	26.2	39.4

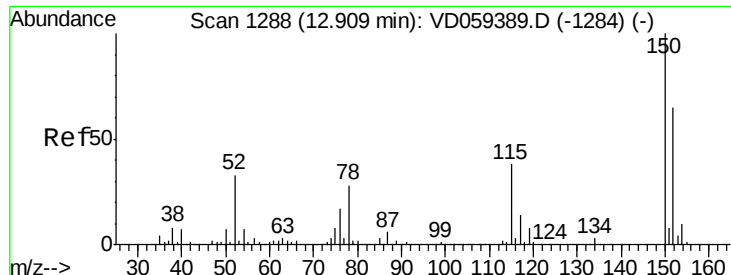


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VD059408.D

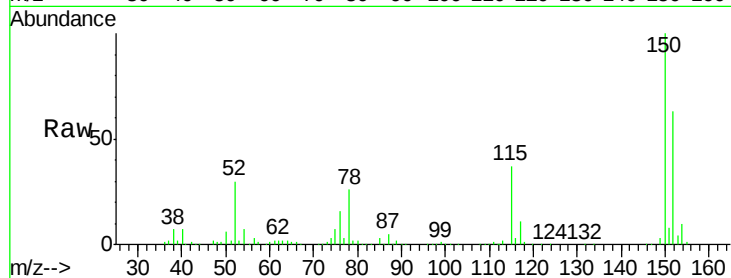
Acq: 25 Jun 2018 19:34

Instrument :

MSVOA_D

ClientSampleId :

WP021SB483-25-27-180620RE



Tot Ion	Ratio	Resp	Lower	Upper
152	100			
115	59.1	29.4	88.3	
150	159.6	0.0	308.2	

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