

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057985.D
 Acq On : 7 Jun 2018 21:31
 Operator : JC/SY
 Sample : J3331-02
 Misc : 6.04g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-03-5-7

Quant Time: Jun 08 08:07:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

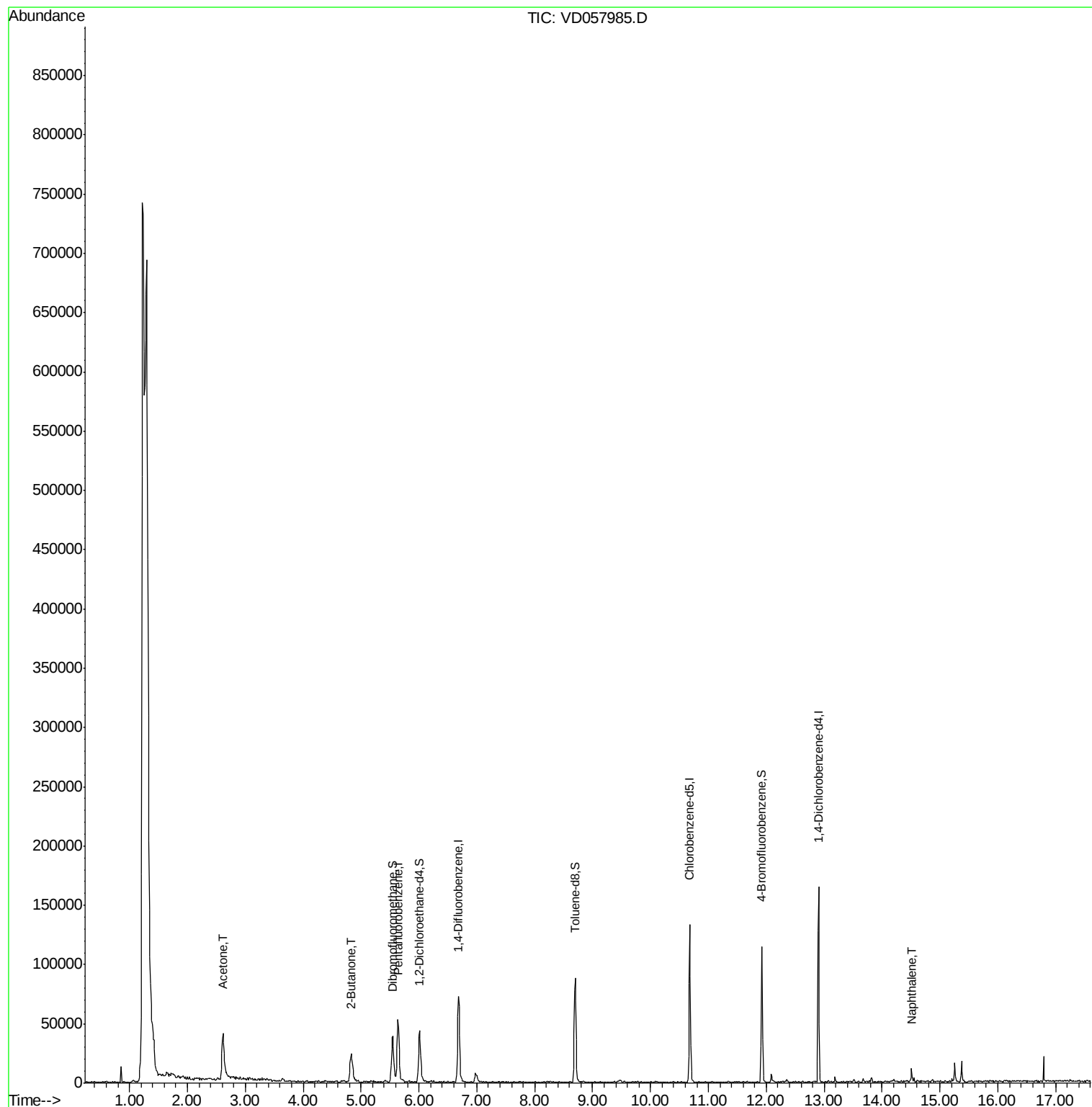
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	55216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	73263	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	67489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	36061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	43813	79.37	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	158.74%	
35) Dibromofluoromethane	5.55	113	33846	59.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.42%	
50) Toluene-d8	8.70	98	70840	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.92	95	35548	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.94%	
Target Compounds						
16) Acetone	2.62	43	83471	1049.533	ug/l	93
25) 2-Butanone	4.83	43	40200	222.412	ug/l #	93
95) Naphthalene	14.51	128	6655	5.716	ug/l #	92

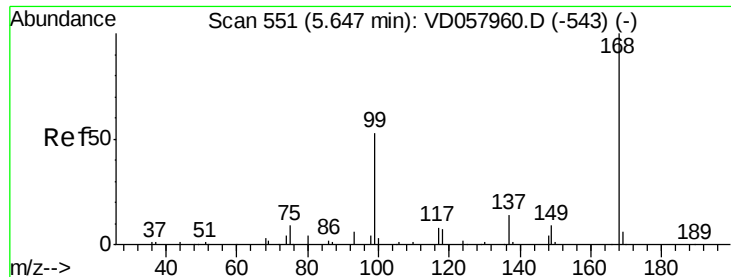
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD057985.D

Acq: 7 Jun 2018 21:31

Instrument :

MSVOA_D

ClientSampleId :

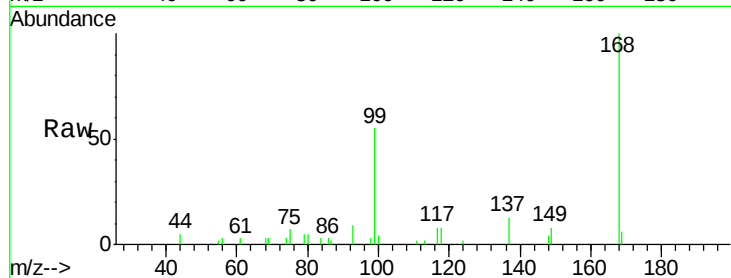
CAS1-SB-03-5-7

Tot Ion:168 Resp: 55216

Ion Ratio Lower Upper

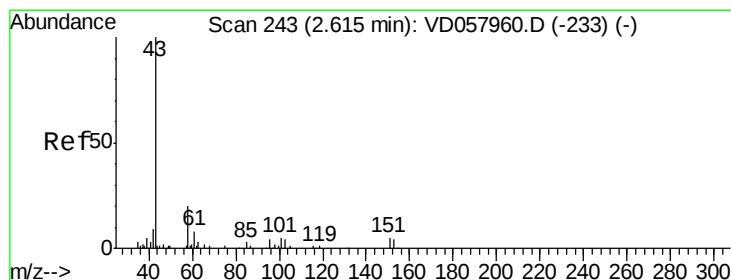
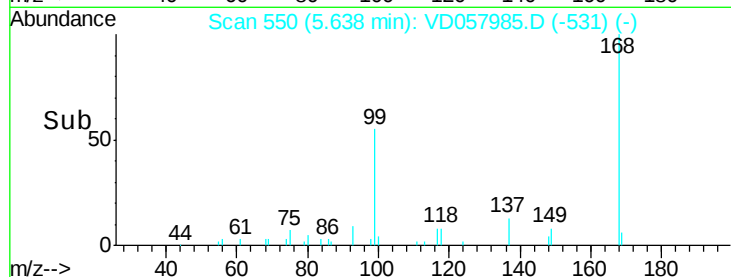
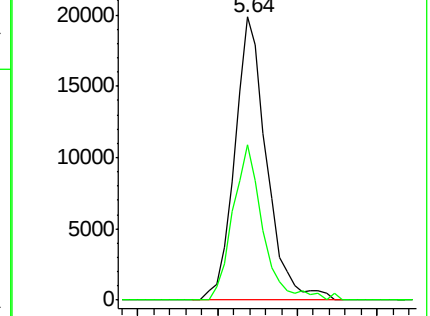
168 100

99 55.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 1049.533 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD057985.D

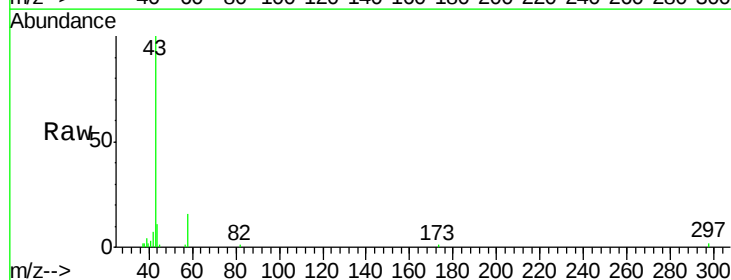
Acq: 7 Jun 2018 21:31

Tgt Ion: 43 Resp: 83471

Ion Ratio Lower Upper

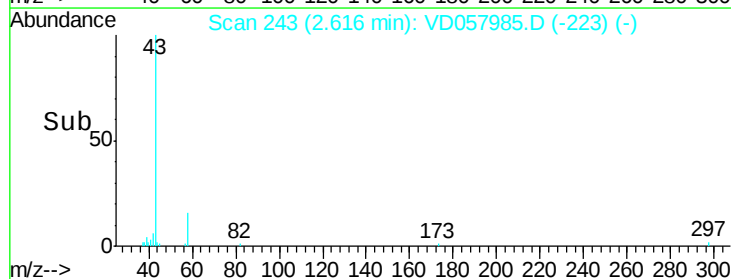
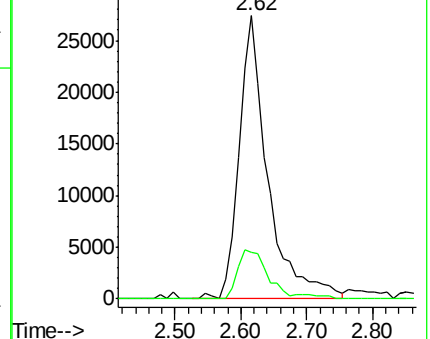
43 100

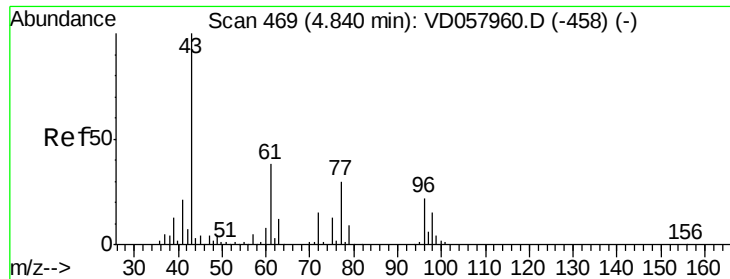
58 16.5 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 222.412 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD057985.D

Acq: 7 Jun 2018 21:31

Instrument :

MSVOA_D

ClientSampleId :

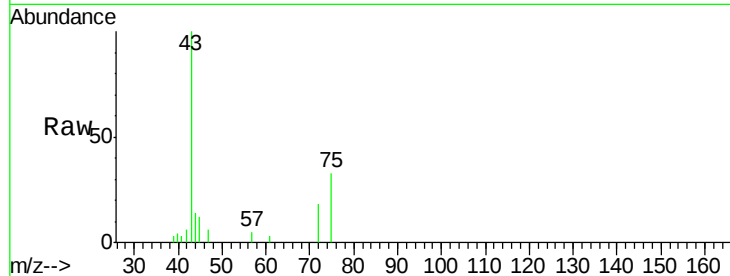
CAS1-SB-03-5-7

Tot Ion: 43 Resp: 40200

Ion Ratio Lower Upper

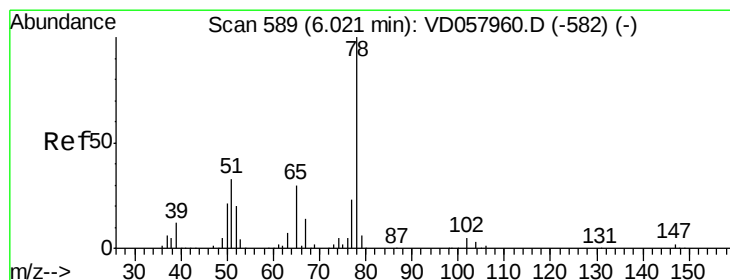
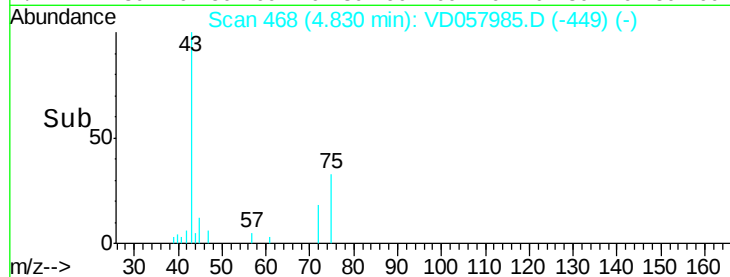
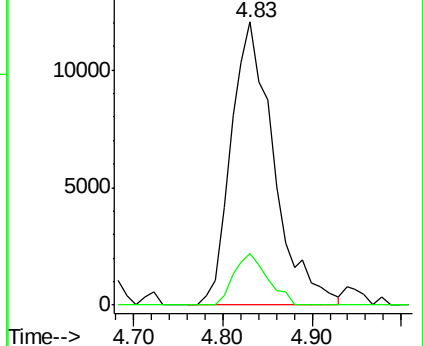
43 100

72 18.1 12.0 18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD057985.D

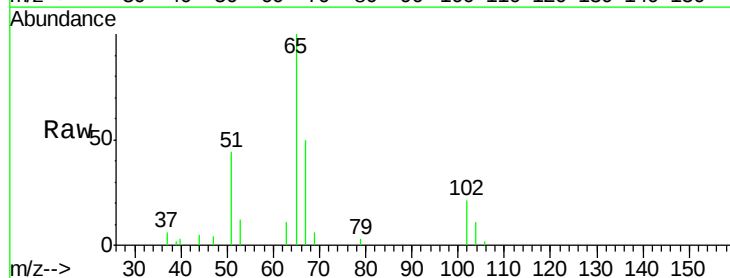
Acq: 7 Jun 2018 21:31

Tgt Ion: 65 Resp: 43813

Ion Ratio Lower Upper

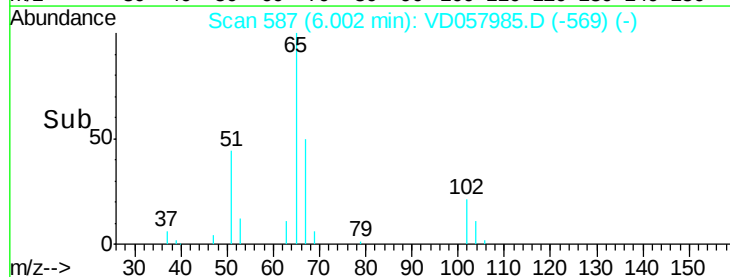
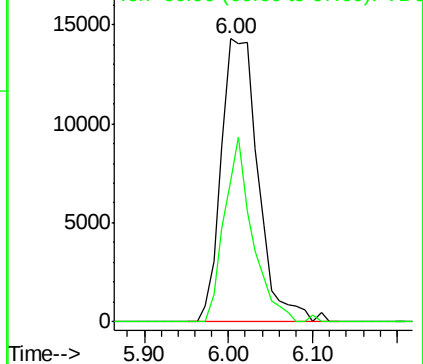
65 100

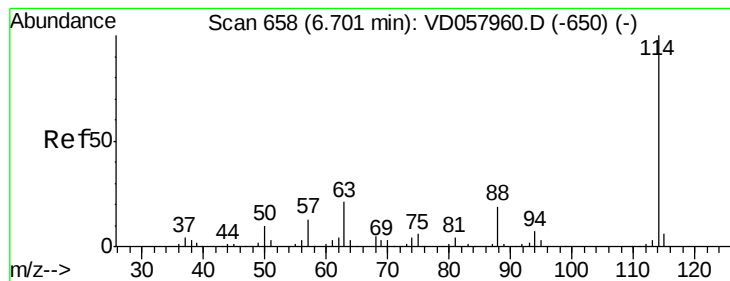
67 49.7 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD057985.D

Acq: 7 Jun 2018 21:31

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-03-5-7

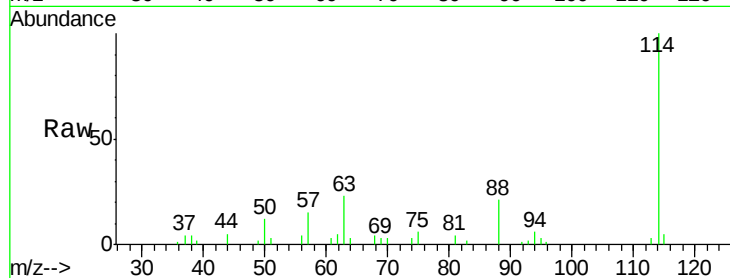
Tot Ion:114 Resp: 73263

Ion Ratio Lower Upper

114 100

63 23.4 0.0 42.8

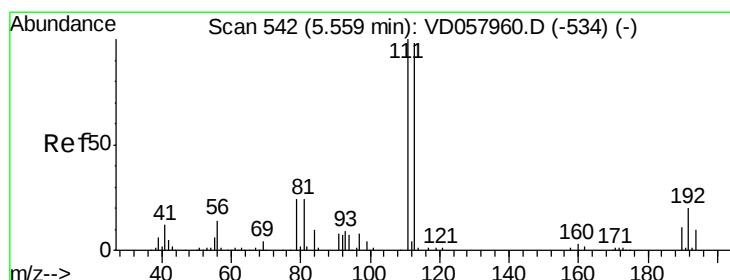
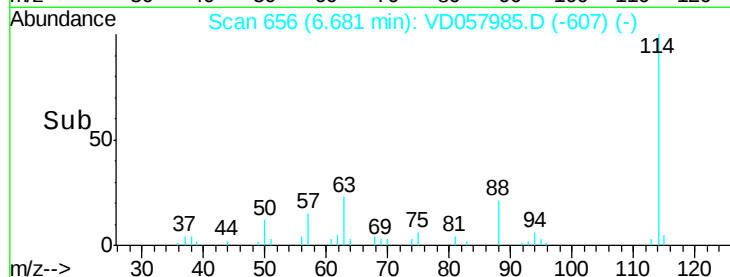
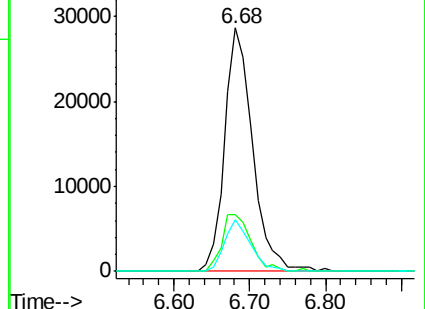
88 21.0 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD057985.D

Acq: 7 Jun 2018 21:31

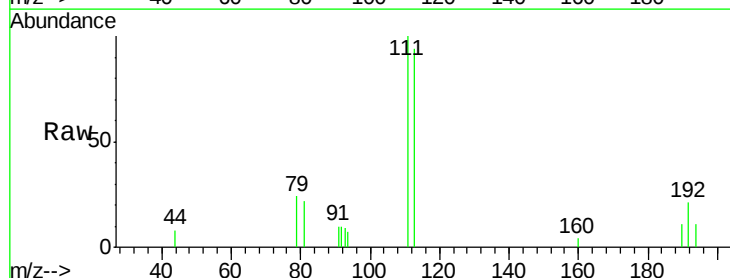
Tgt Ion:113 Resp: 33846

Ion Ratio Lower Upper

113 100

111 106.0 81.5 122.3

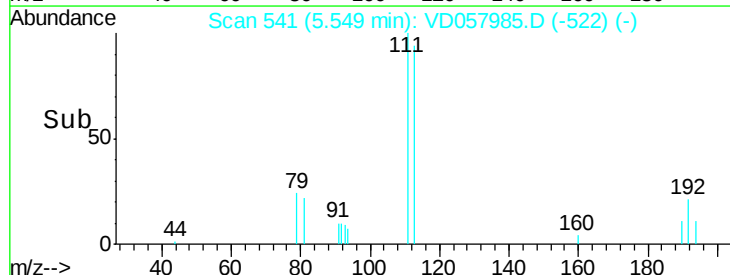
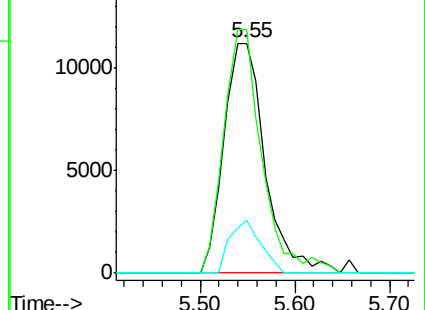
192 22.8 16.4 24.6

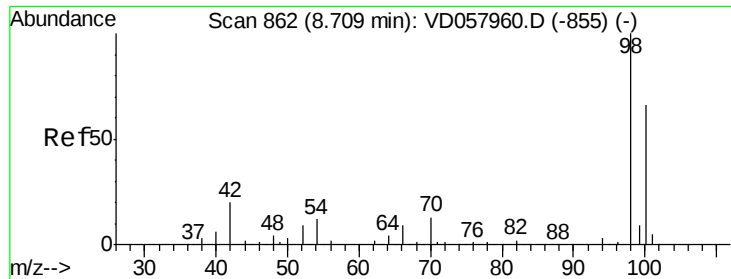


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

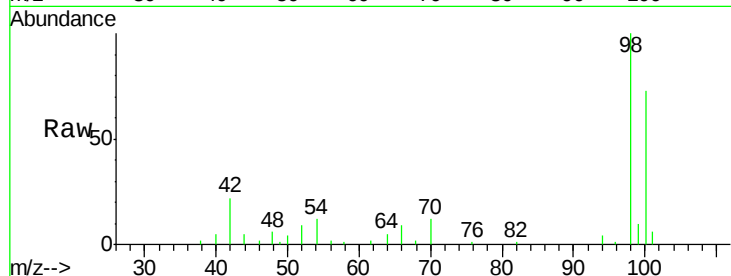




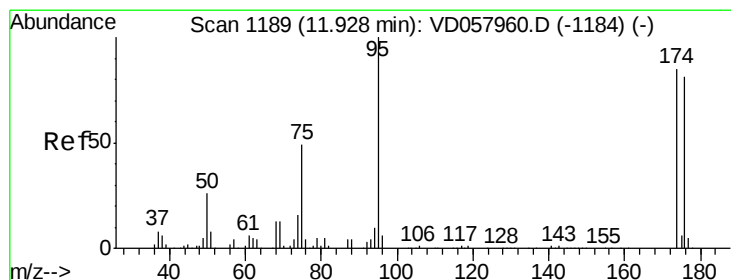
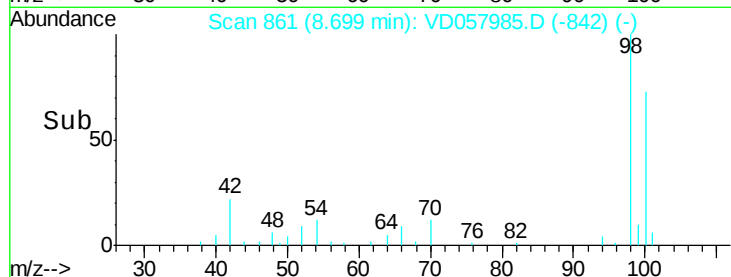
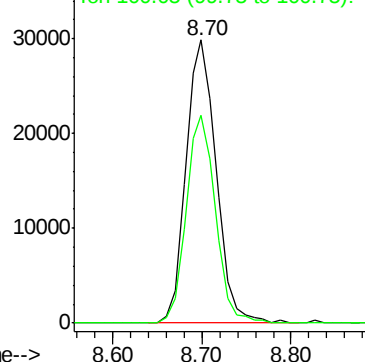
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057985.D
Acq: 7 Jun 2018 21:31

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-03-5-7

Tot Ion: 98 Resp: 70840
Ion Ratio Lower Upper
98 100
100 73.5 53.4 80.0

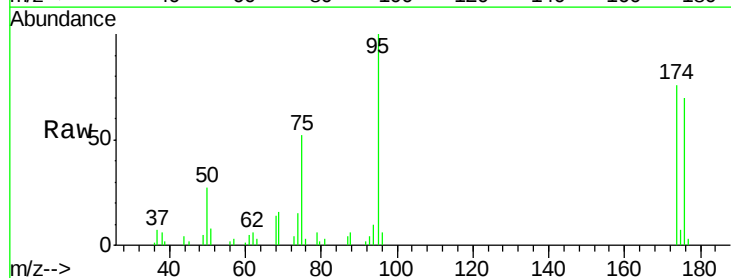


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

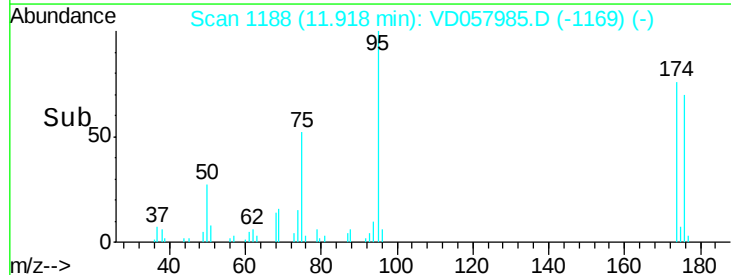
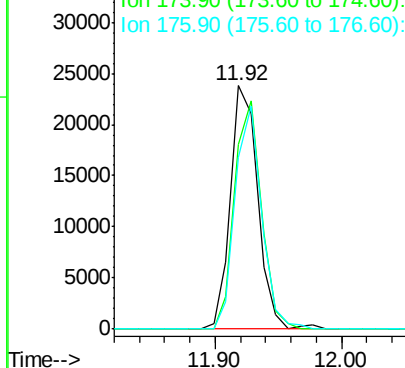


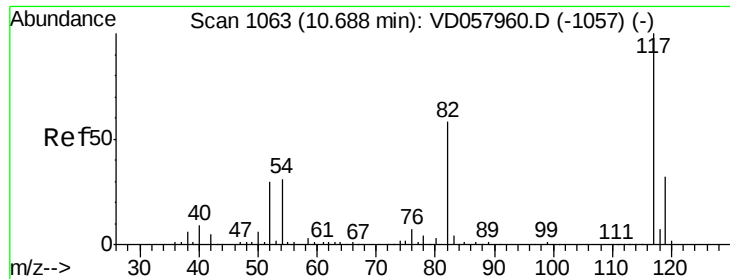
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD057985.D
Acq: 7 Jun 2018 21:31

Tgt Ion: 95 Resp: 35548
Ion Ratio Lower Upper
95 100
174 76.1 0.0 169.4
176 73.5 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)

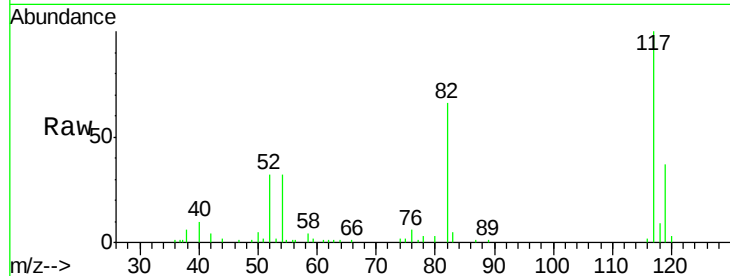




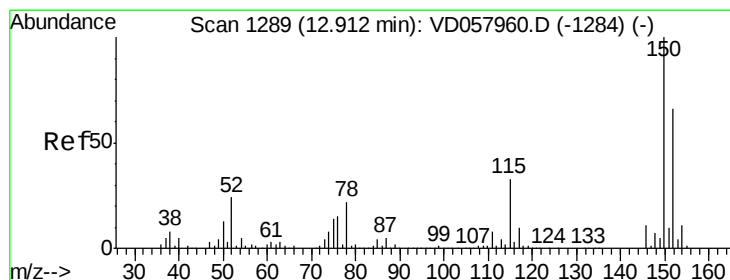
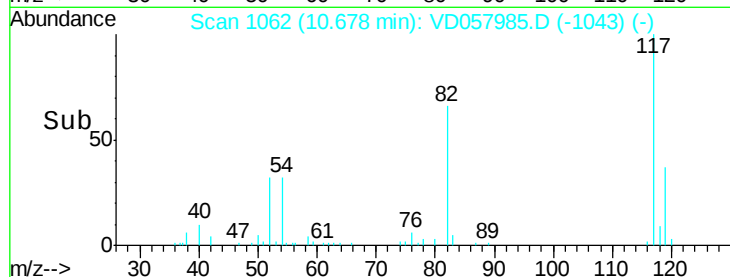
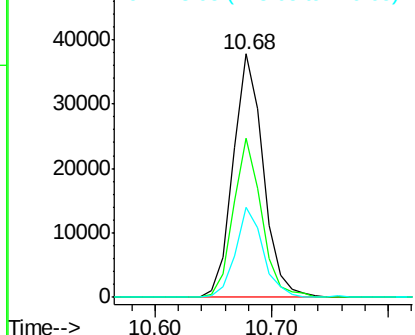
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057985.D
Acq: 7 Jun 2018 21:31

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-03-5-7

Tot Ion:117 Resp: 67489
Ion Ratio Lower Upper
117 100
82 65.6 46.8 70.2
119 36.8 25.8 38.6

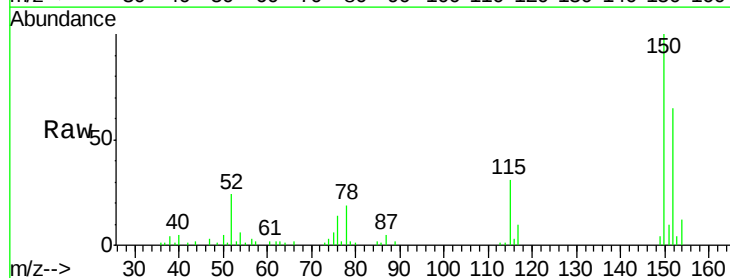


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

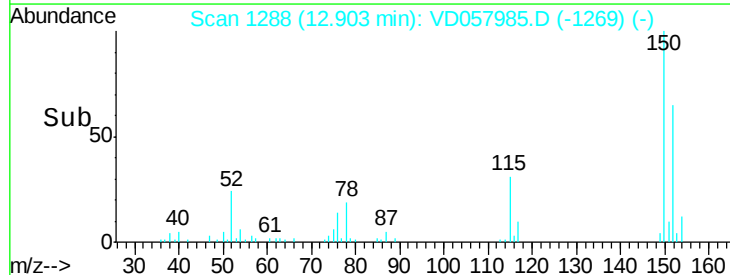
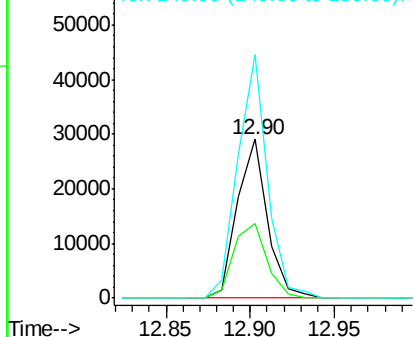


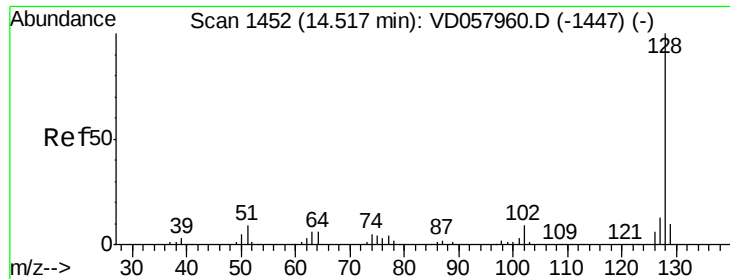
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD057985.D
Acq: 7 Jun 2018 21:31

Tgt Ion:152 Resp: 36061
Ion Ratio Lower Upper
152 100
115 47.0 25.6 76.6
150 153.5 0.0 306.8



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





#95

Naphthalene

Concen: 5.716 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.01 min

Lab File: VD057985.D

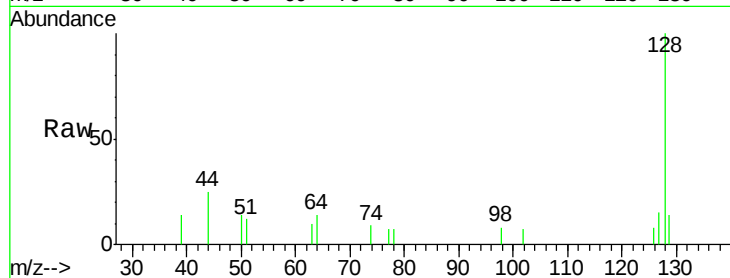
Acq: 7 Jun 2018 21:31

Instrument :

MSVOA_D

ClientSampleId :

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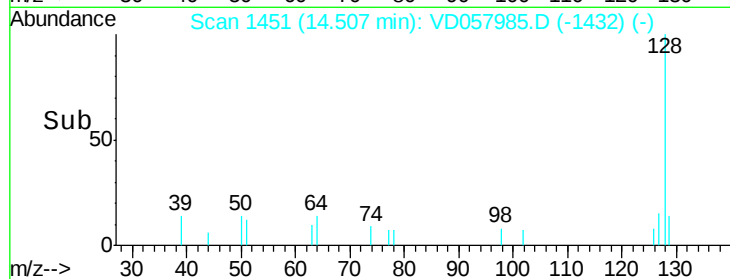
Tot Ion:128 Resp: 6655

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.2

129 14.4 8.2 12.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

