

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058040.D
 Acq On : 9 Jun 2018 3:34
 Operator : VA/AP
 Sample : J3354-01RE
 Misc : 5.67g/5ml/MSVOA D/SOIL
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-02-3-4RE

Quant Time: Jun 09 03:58:57 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

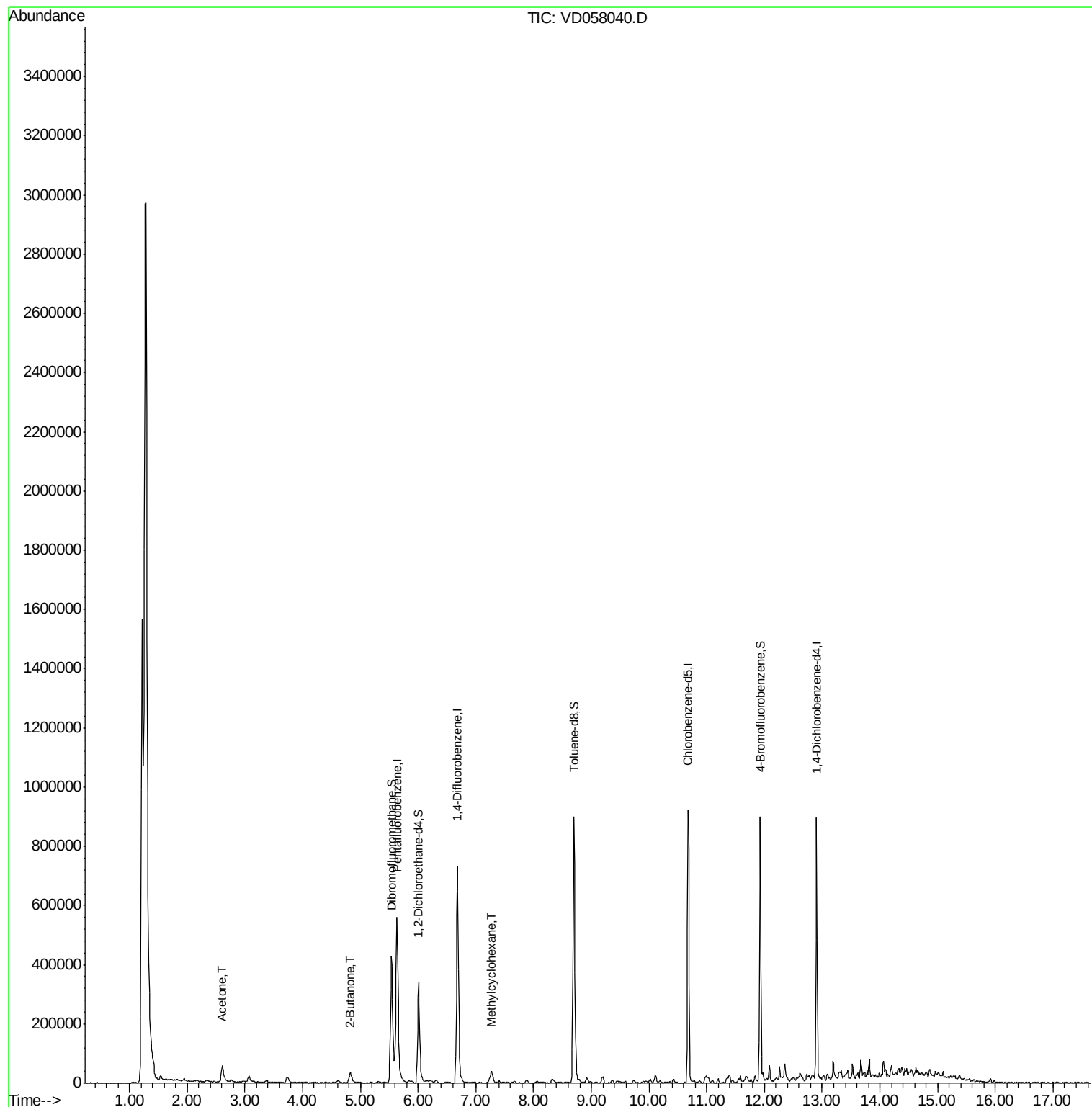
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	555584	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	737192	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	492969	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	174723	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	327803	59.02	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	118.04%	
35) Dibromofluoromethane	5.54	113	345069	60.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	121.00%	
50) Toluene-d8	8.70	98	695458	51.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.93	95	250862	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	
Target Compounds						
16) Acetone	2.60	43	120613	150.72	ug/l	93
25) 2-Butanone	4.83	43	45866	25.22	ug/l #	88
39) Methylcyclohexane	7.27	83	20196	2.51	ug/l	91

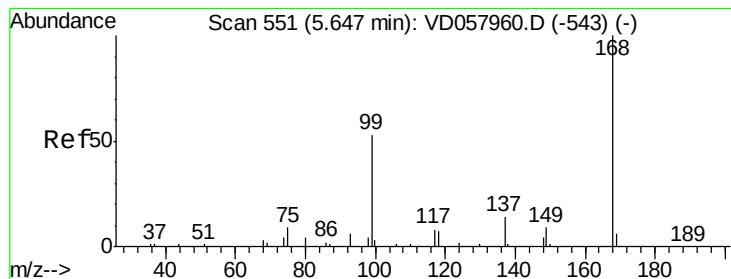
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058040.D

Acq: 9 Jun 2018 3:34

Instrument :

MSVOA_D

ClientSampleId :

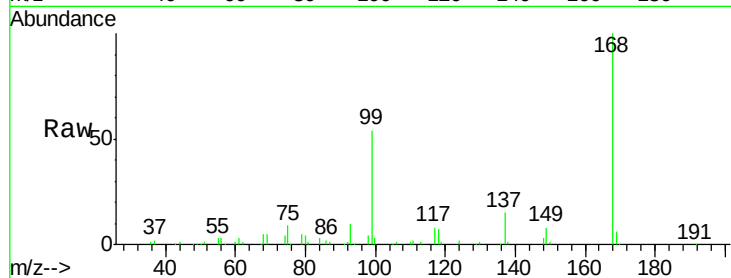
CAS1-SB-02-3-4RE

Tot Ion:168 Resp: 55584

Ion Ratio Lower Upper

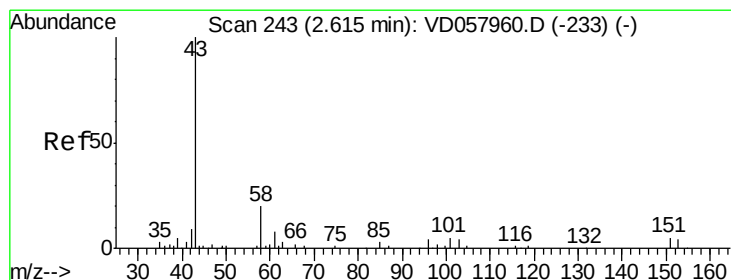
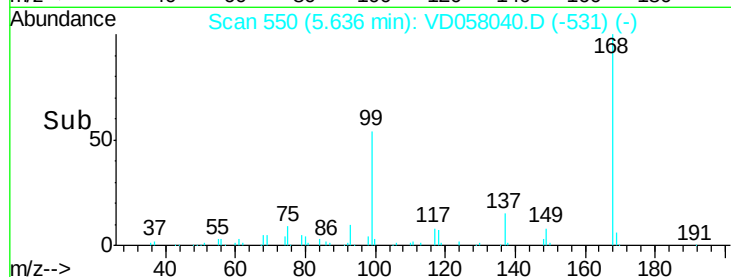
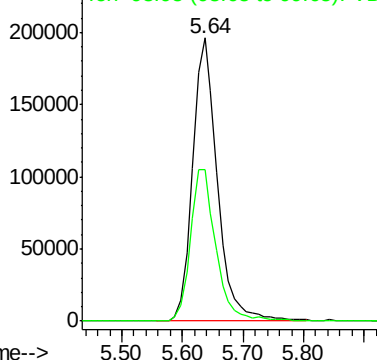
168 100

99 53.7 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: 150.72 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058040.D

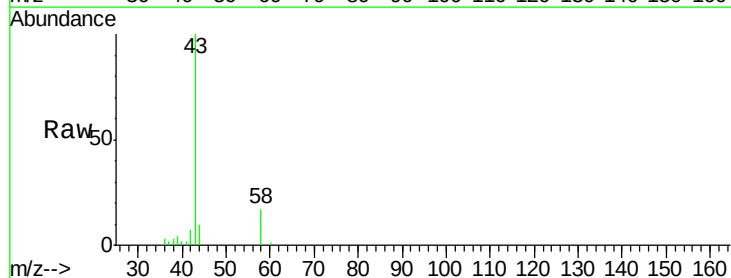
Acq: 9 Jun 2018 3:34

Tgt Ion: 43 Resp: 120613

Ion Ratio Lower Upper

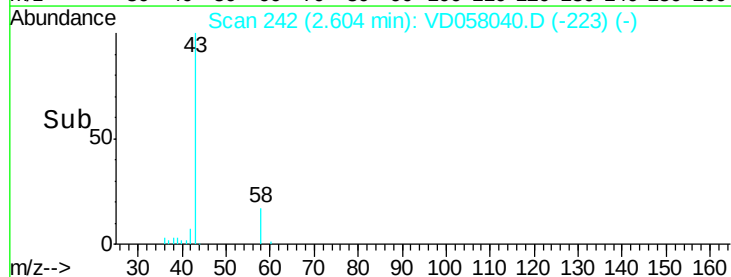
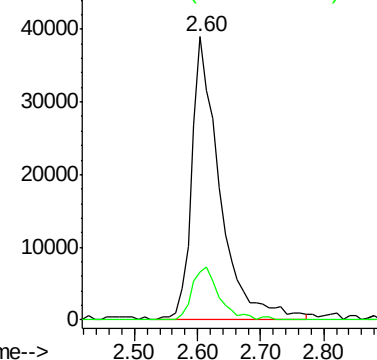
43 100

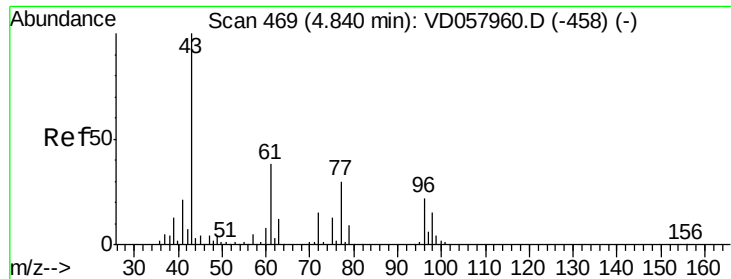
58 16.8 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 25.22 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD058040.D

Acq: 9 Jun 2018 3:34

Instrument :

MSVOA_D

ClientSampleId :

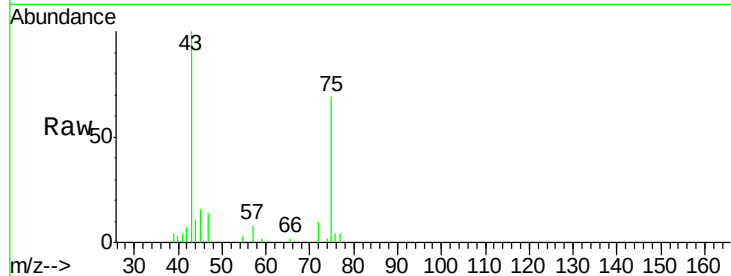
CAS1-SB-02-3-4RE

Tot Ion: 43 Resp: 45866

Ion Ratio Lower Upper

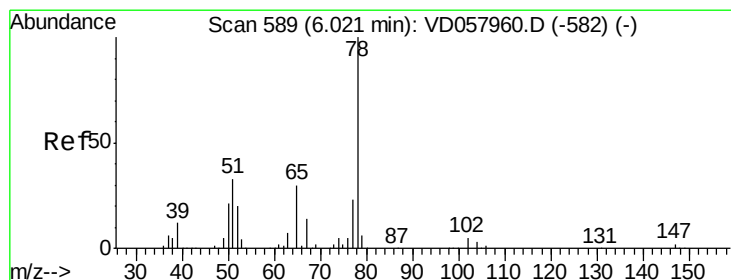
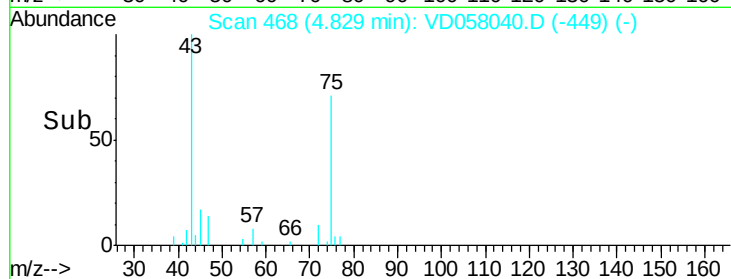
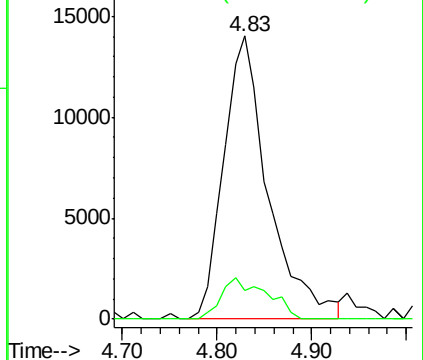
43 100

72 9.9 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: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058040.D

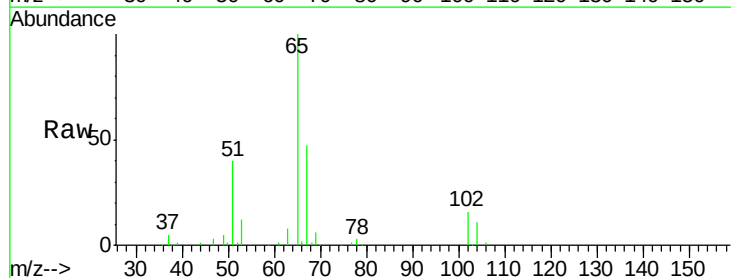
Acq: 9 Jun 2018 3:34

Tgt Ion: 65 Resp: 327803

Ion Ratio Lower Upper

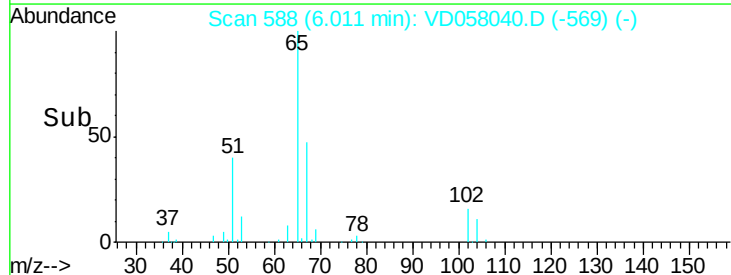
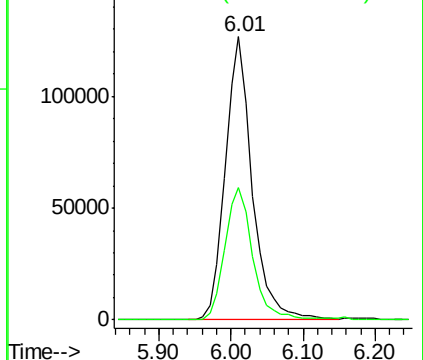
65 100

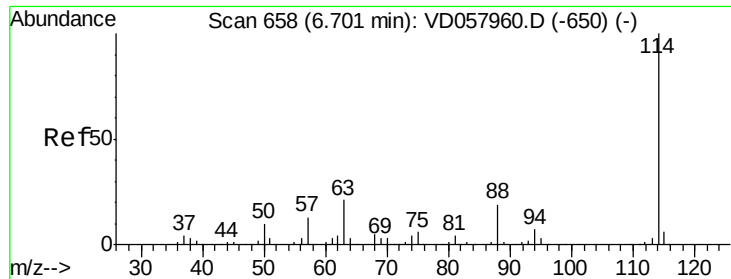
67 46.7 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

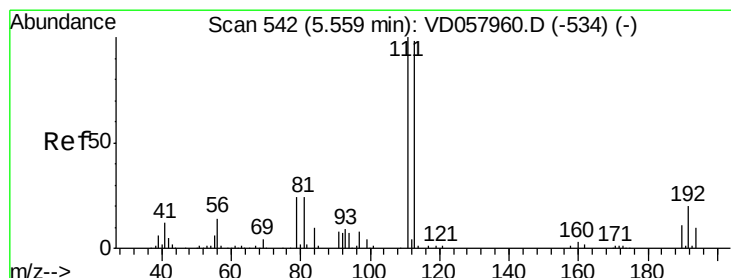
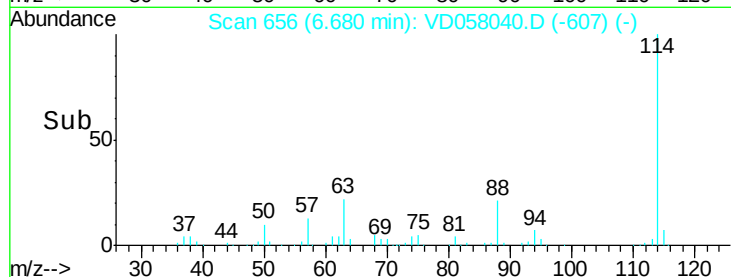
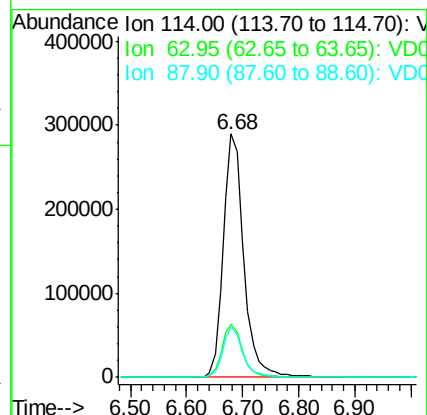
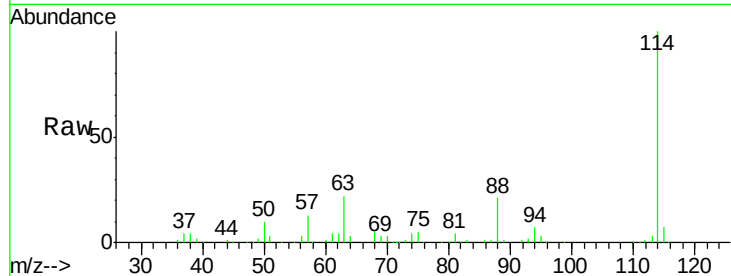




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058040.D
 Acq: 9 Jun 2018 3:34

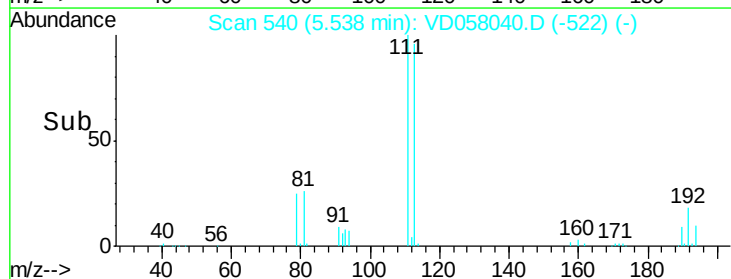
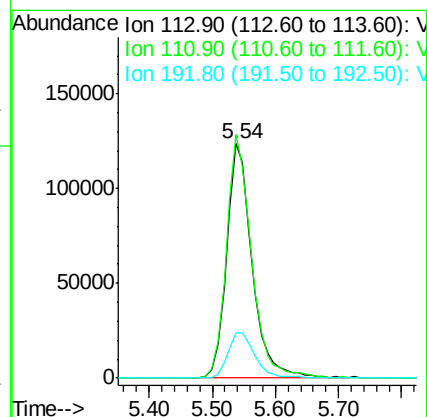
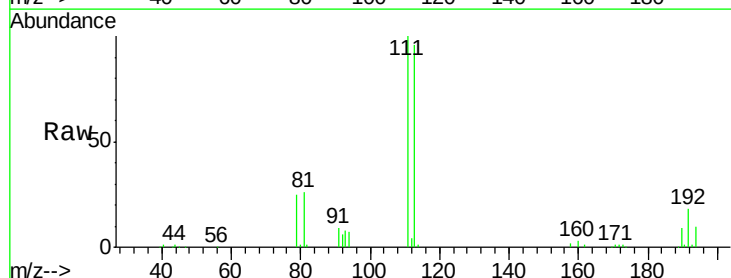
Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-02-3-4RE

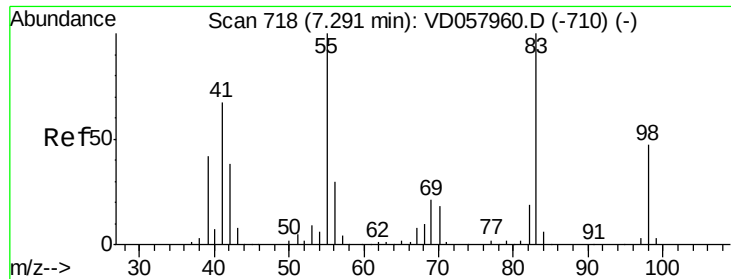
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.8
88	20.8	0.0	37.8



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD058040.D
 Acq: 9 Jun 2018 3:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.5	122.3
192	19.1	16.4	24.6

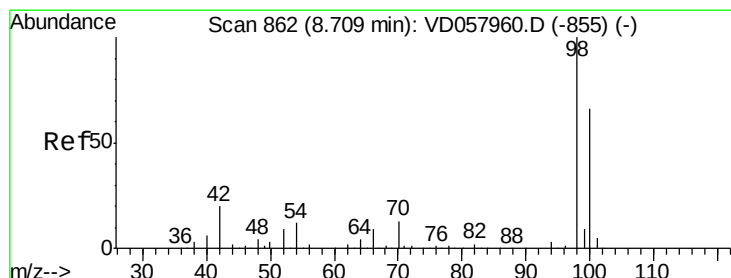
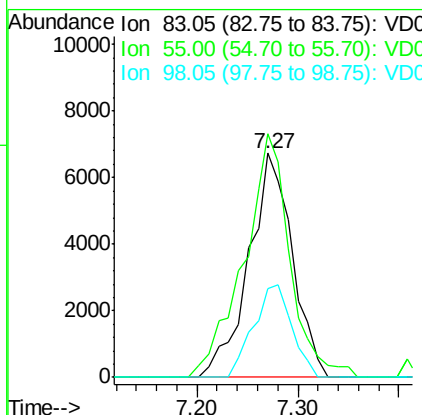
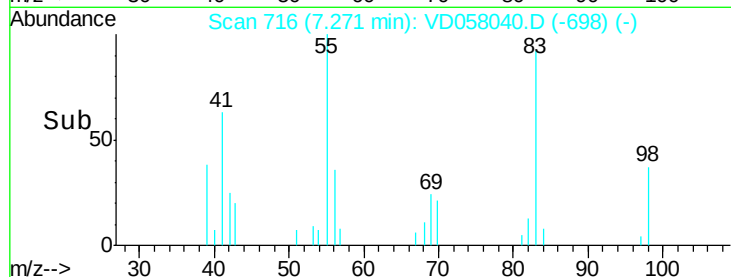
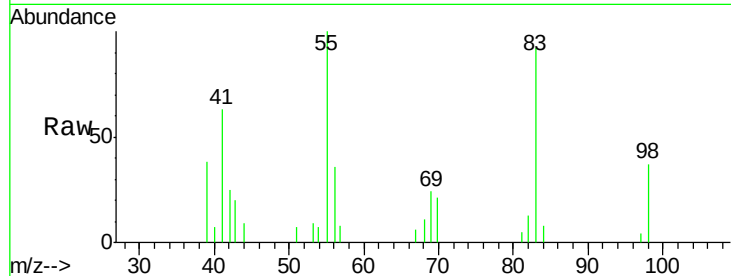




#39
Methylcyclohexane
Concen: 2.51 ug/l
RT: 7.27 min Scan# 716
Delta R.T. -0.02 min
Lab File: VD058040.D
Acq: 9 Jun 2018 3:34

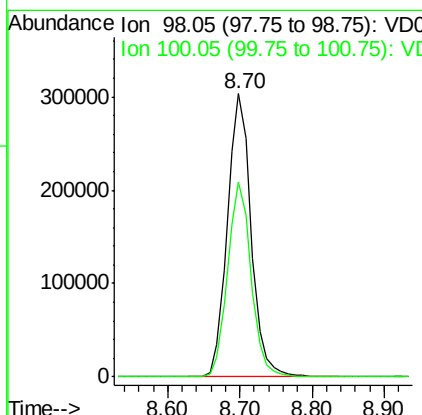
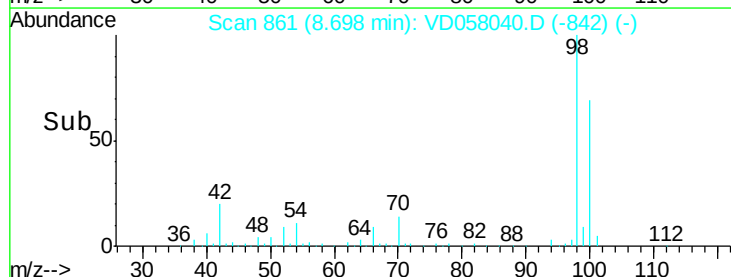
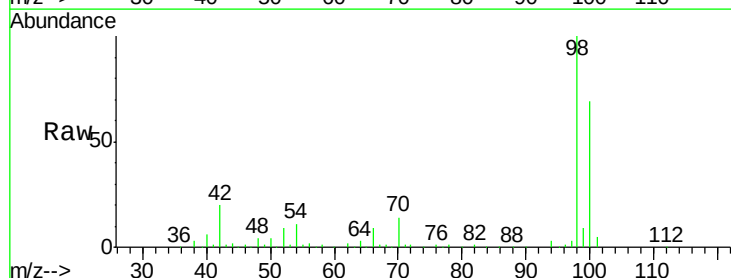
Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4RE

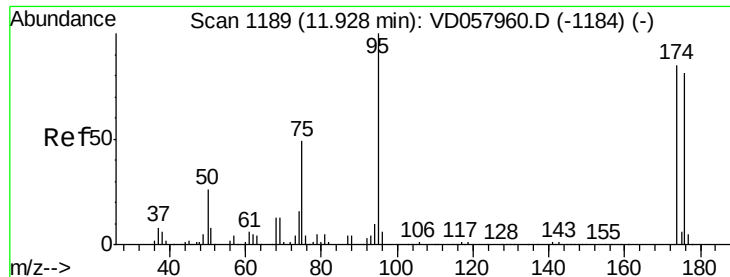
Tot Ion: 83 Resp: 20196
Ion Ratio Lower Upper
83 100
55 108.5 80.3 120.5
98 39.6 38.0 57.0



#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058040.D
Acq: 9 Jun 2018 3:34

Tgt Ion: 98 Resp: 695458
Ion Ratio Lower Upper
98 100
100 69.1 53.4 80.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058040.D

Acq: 9 Jun 2018 3:34

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-3-4RE

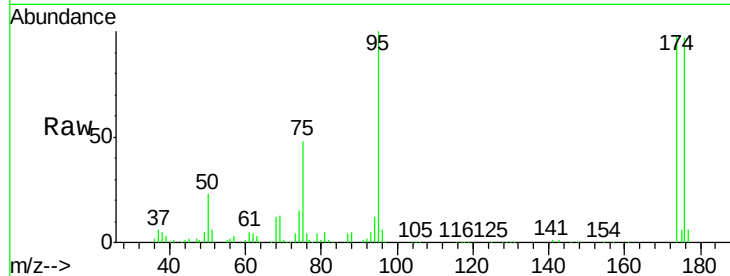
Tot Ion: 95 Resp: 250862

Ion Ratio Lower Upper

95 100

174 98.0 0.0 169.4

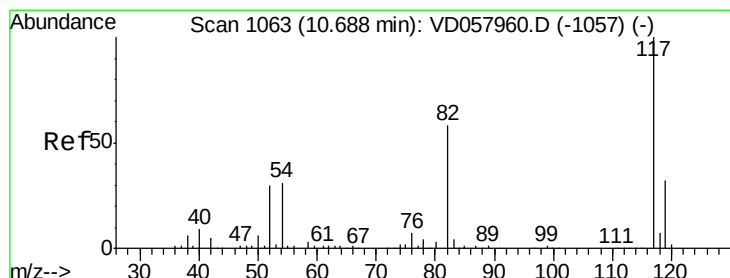
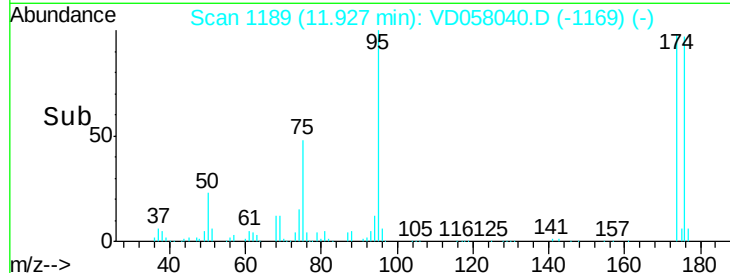
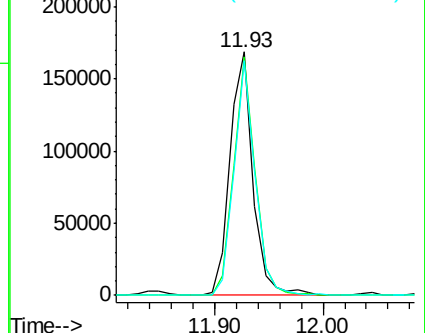
176 96.5 0.0 162.6



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: VD058040.D

Acq: 9 Jun 2018 3:34

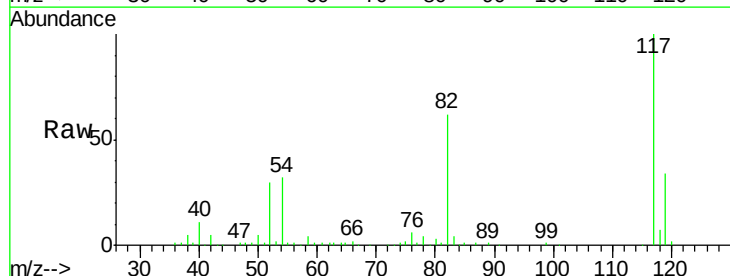
Tgt Ion: 117 Resp: 492969

Ion Ratio Lower Upper

117 100

82 61.7 46.8 70.2

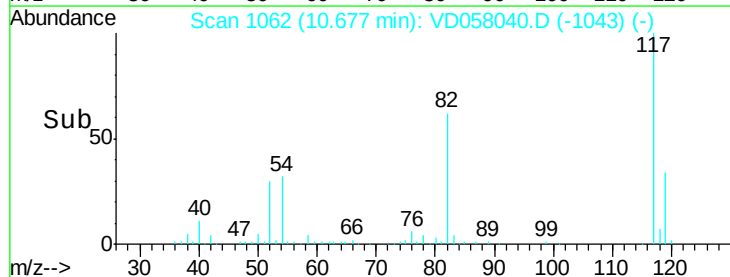
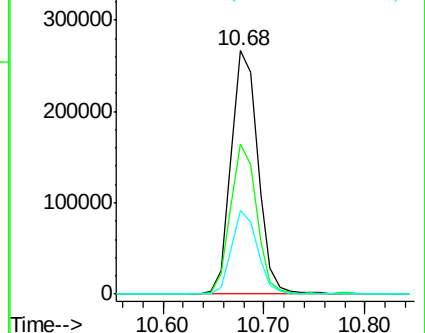
119 34.4 25.8 38.6

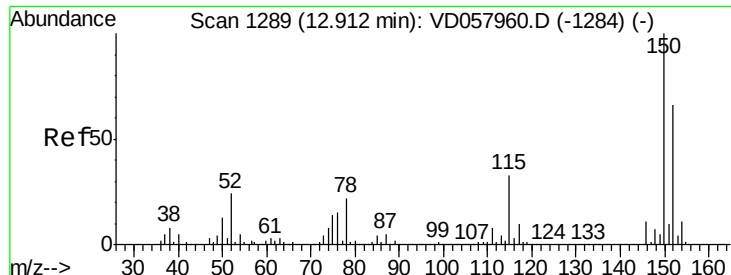


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058040.D

Acq: 9 Jun 2018 3:34

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-3-4RE

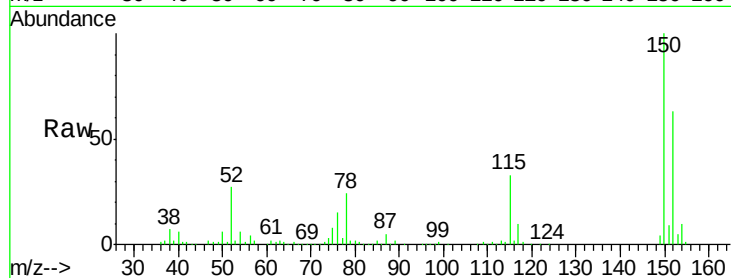
Tot Ion:152 Resp: 174723

Ion Ratio Lower Upper

152 100

115 52.7 25.6 76.6

150 159.9 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

