

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058033.D
 Acq On : 8 Jun 2018 22:24
 Operator : VA/AP
 Sample : J3331-02
 Misc : 5.79g/5ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Jun 09 02:14:28 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

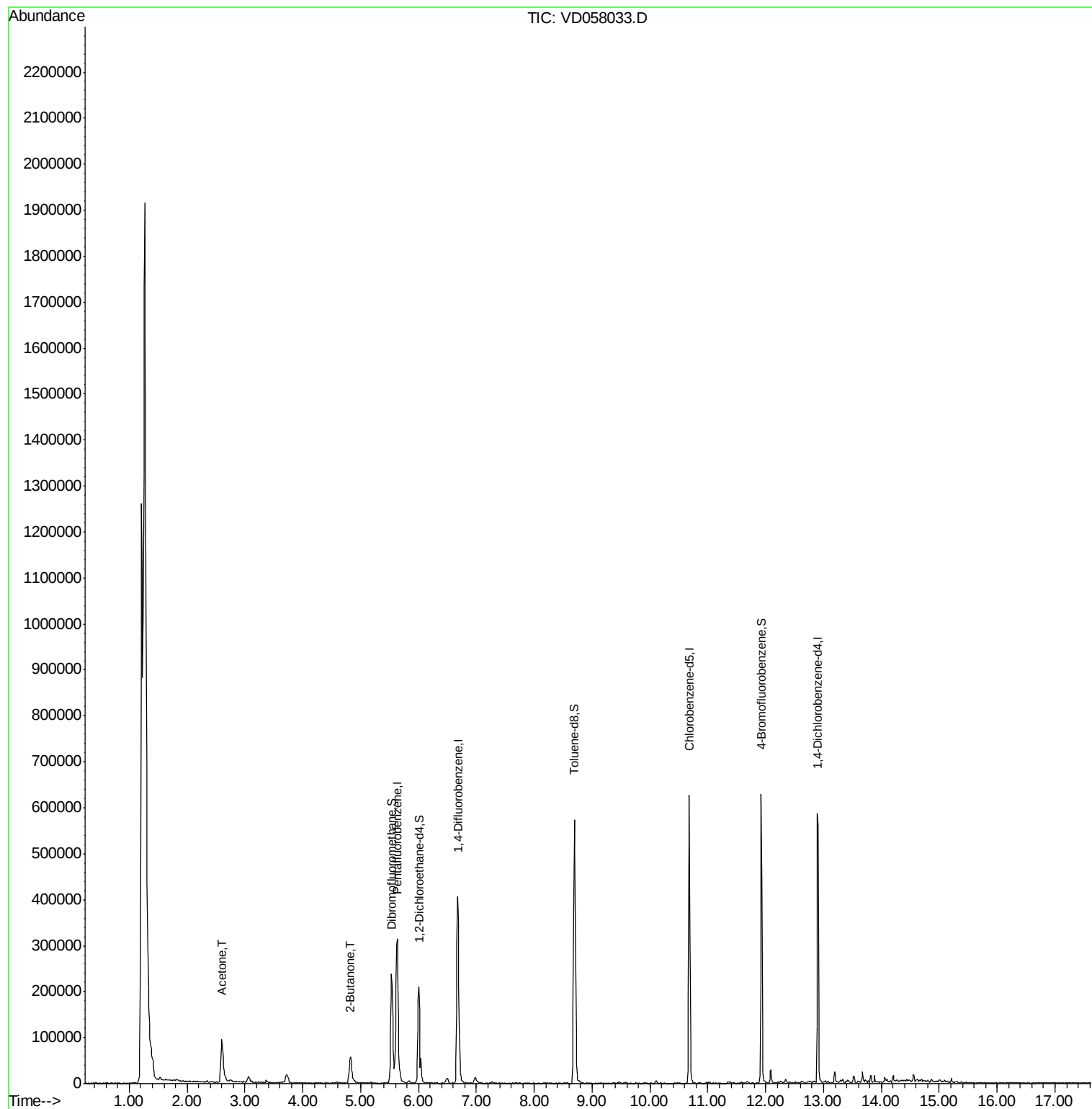
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	311377	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	403426	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	325341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	133266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	190530	61.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	122.42%	
35) Dibromofluoromethane	5.53	113	189354	60.66	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	121.32%	
50) Toluene-d8	8.69	98	437390	58.94	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.88%	
62) 4-Bromofluorobenzene	11.92	95	162443	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
Target Compounds						
16) Acetone	2.60	43	192885	430.07	ug/l	99
25) 2-Butanone	4.81	43	77938	76.46	ug/l	96

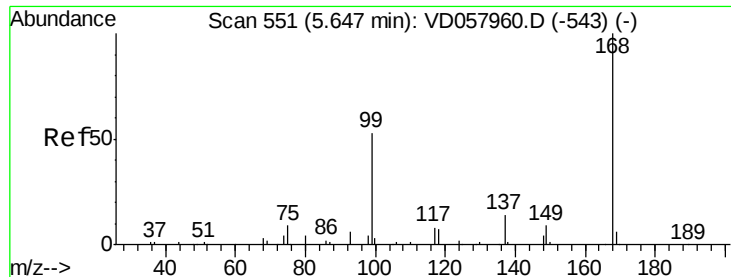
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058033.D

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Instrument :

MSVOA_D

ClientSampleId :

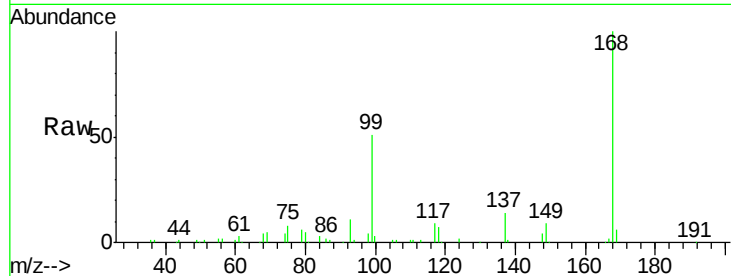
CAS1-SB-03-5-7

Tot Ion:168 Resp: 311377

Ion Ratio Lower Upper

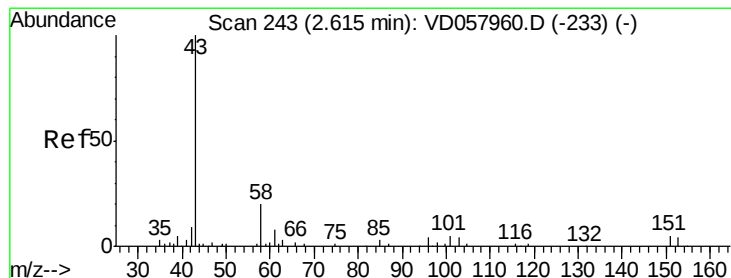
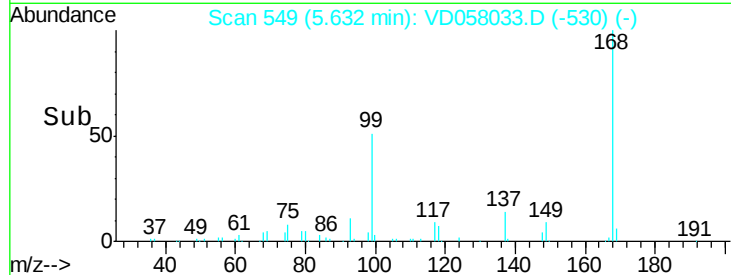
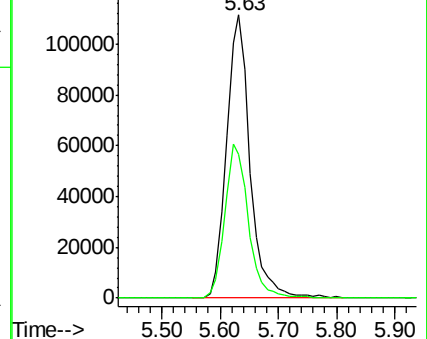
168 100

99 50.8 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: 430.07 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD058033.D

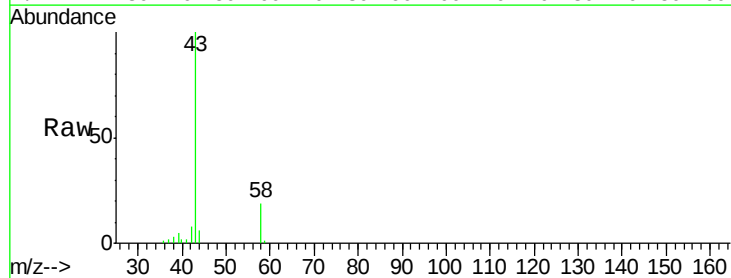
Acq: 8 Jun 2018 22:24

Tgt Ion: 43 Resp: 192885

Ion Ratio Lower Upper

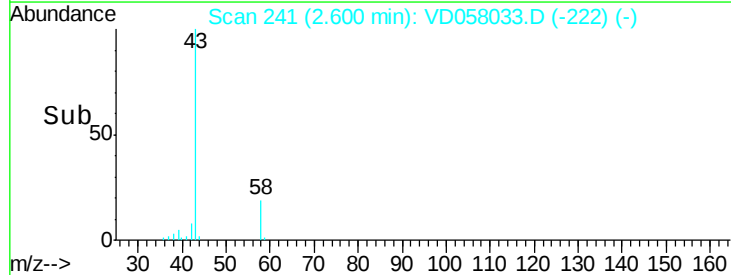
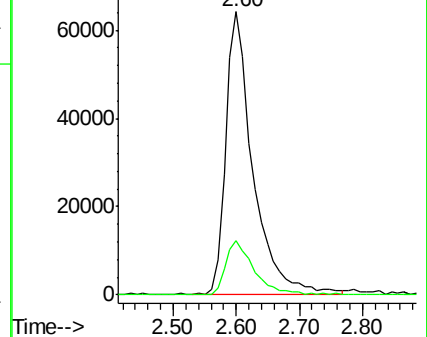
43 100

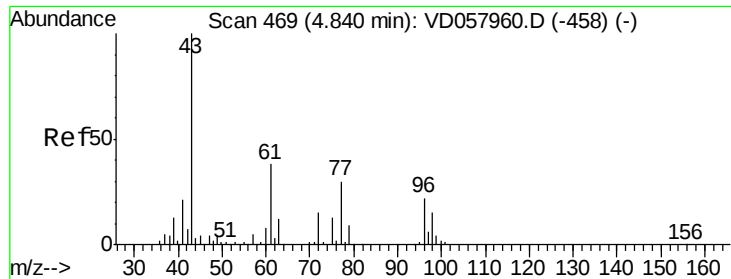
58 19.2 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

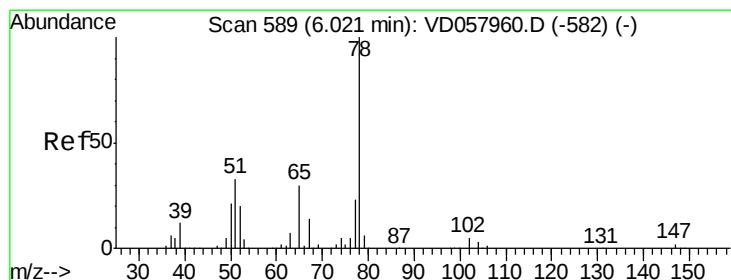
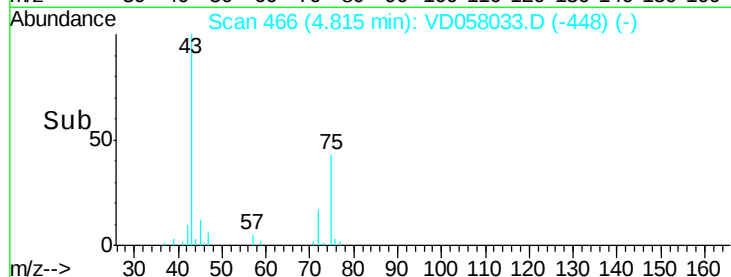
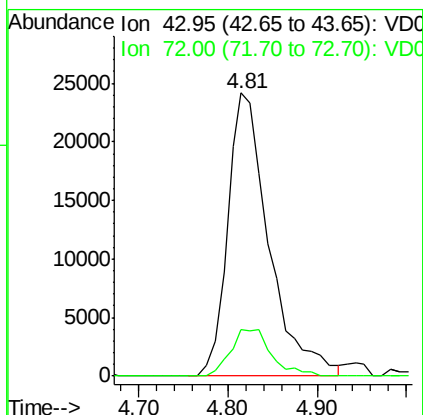
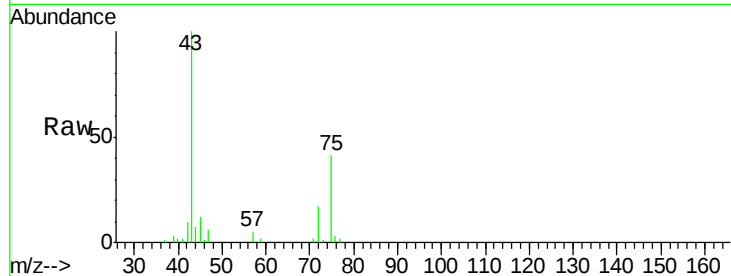




#25
2-Butanone
Concen: 76.46 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.03 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

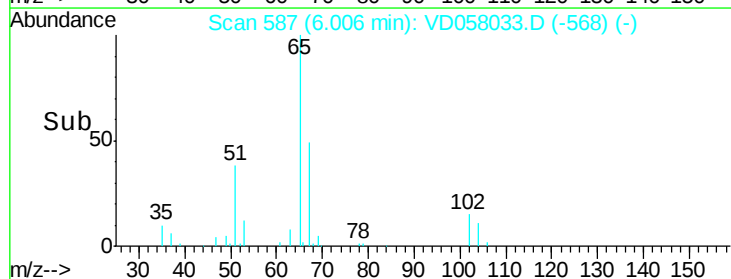
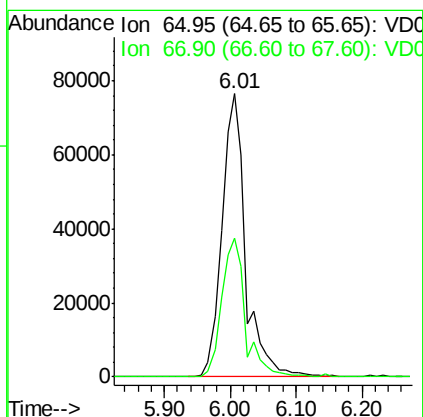
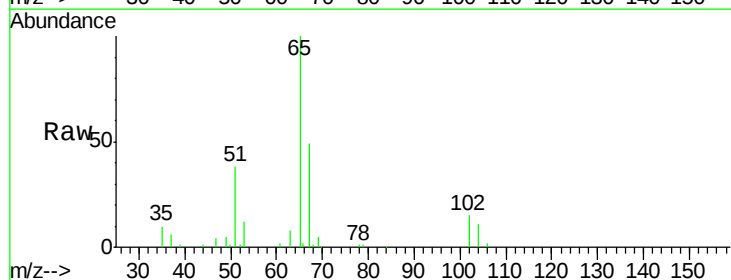
Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-03-5-7

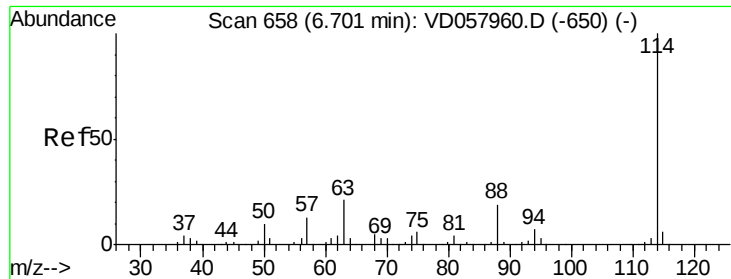
Tot Ion: 43 Resp: 77938
Ion Ratio Lower Upper
43 100
72 16.5 12.0 18.0



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.02 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion: 65 Resp: 190530
Ion Ratio Lower Upper
65 100
67 49.1 0.0 94.0

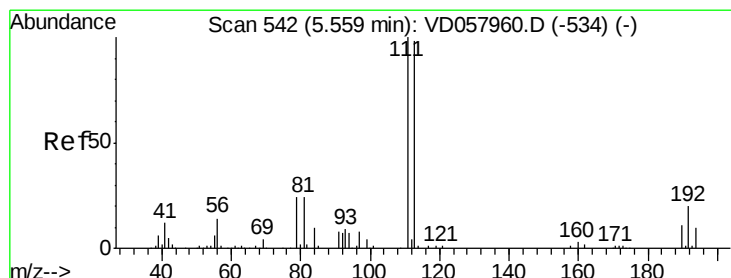
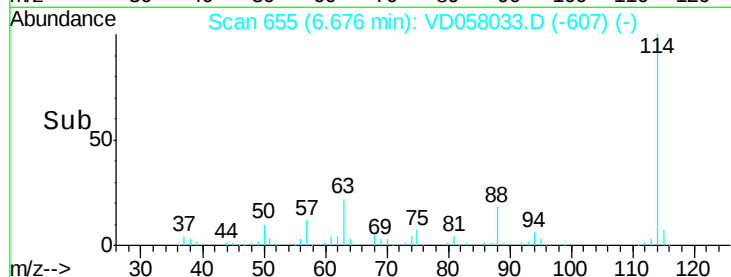
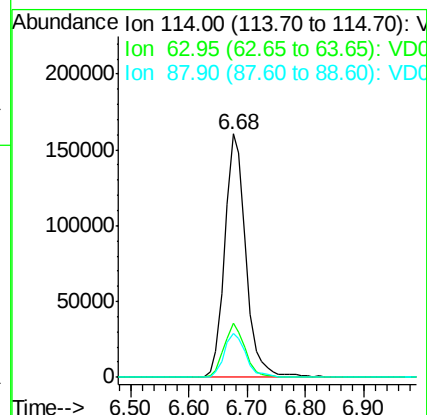
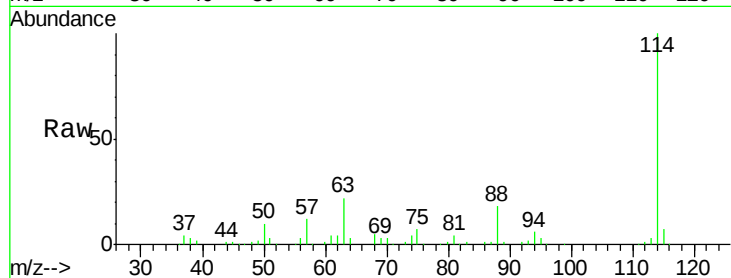




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 655
 Delta R.T. -0.03 min
 Lab File: VD058033.D
 Acq: 8 Jun 2018 22:24

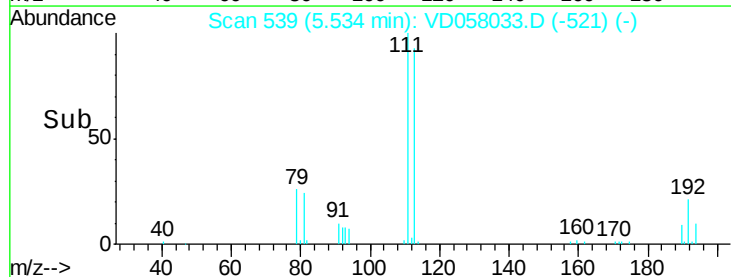
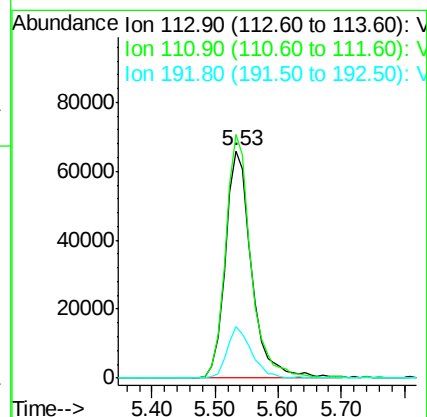
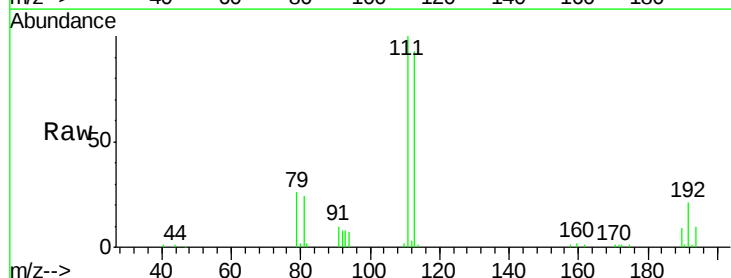
Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-03-5-7

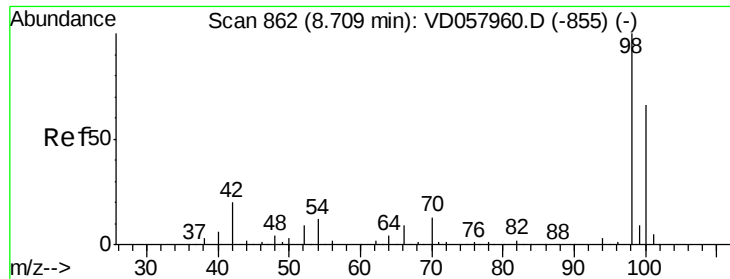
Tot Ion:114 Resp: 403426
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 42.8
 88 18.2 0.0 37.8



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: VD058033.D
 Acq: 8 Jun 2018 22:24

Tgt Ion:113 Resp: 189354
 Ion Ratio Lower Upper
 113 100
 111 107.1 81.5 122.3
 192 22.6 16.4 24.6

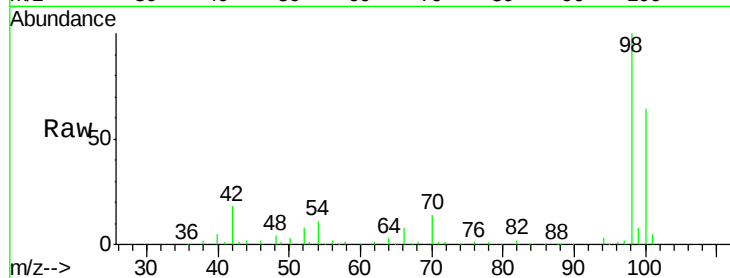




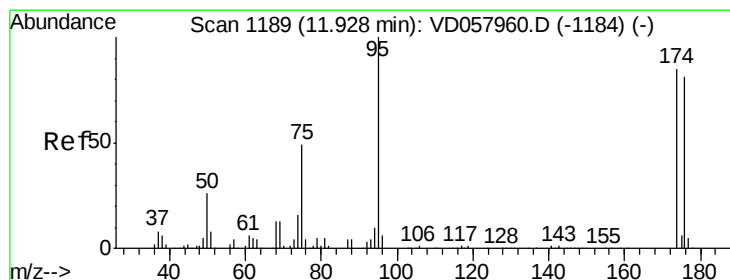
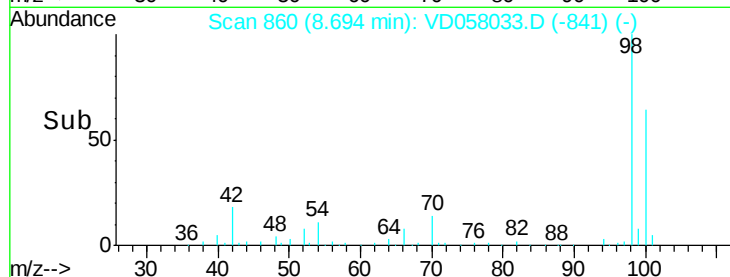
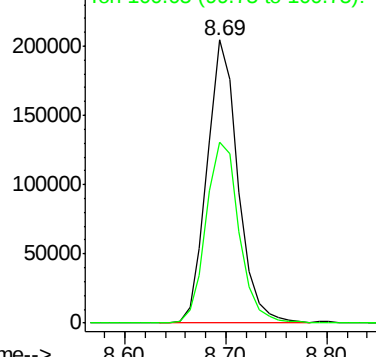
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

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

Tot Ion: 98 Resp: 437390
Ion Ratio Lower Upper
98 100
100 64.0 53.4 80.0

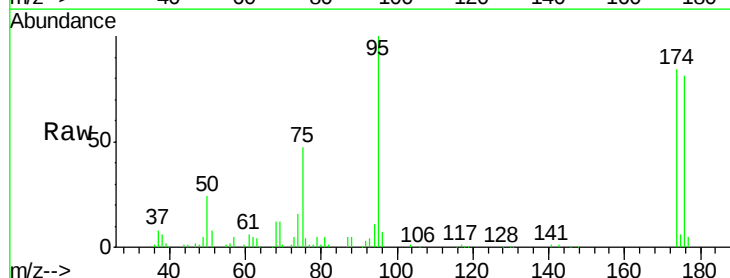


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

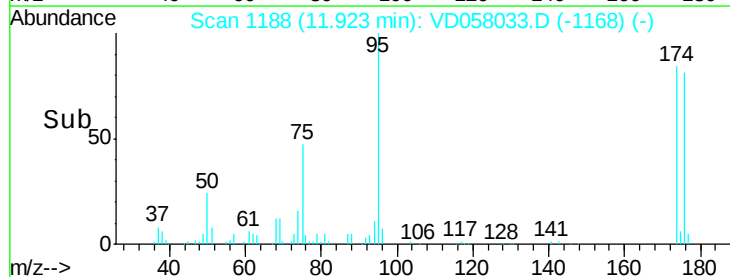
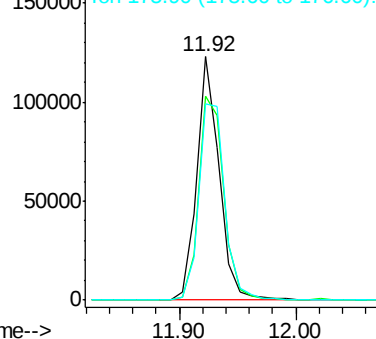


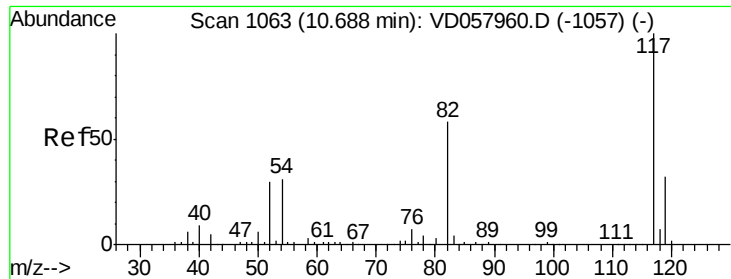
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion: 95 Resp: 162443
Ion Ratio Lower Upper
95 100
174 83.6 0.0 169.4
176 80.6 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

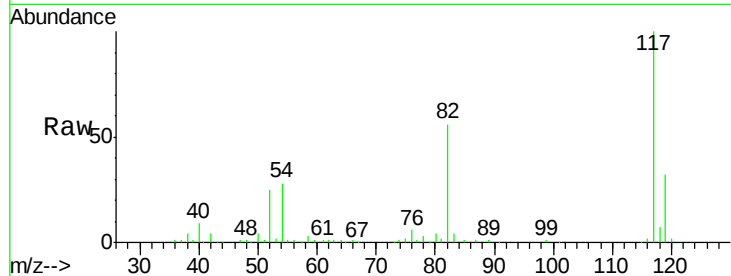




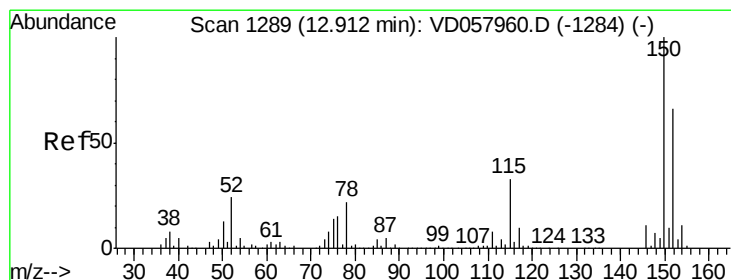
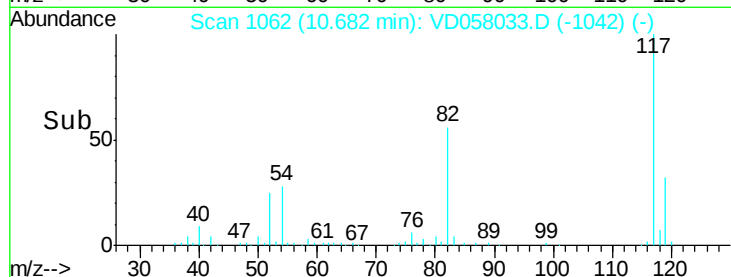
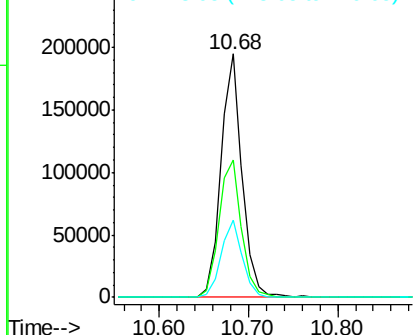
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

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

Tot Ion:117 Resp: 325341
Ion Ratio Lower Upper
117 100
82 56.4 46.8 70.2
119 31.7 25.8 38.6

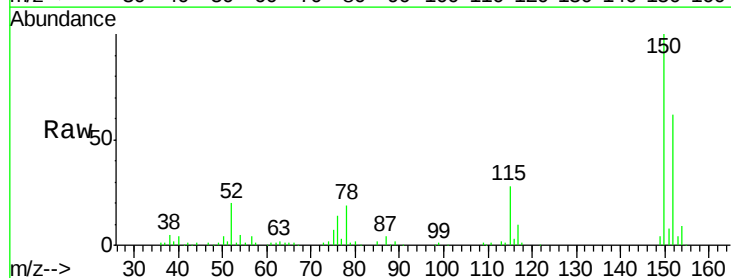


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion:152 Resp: 133266
Ion Ratio Lower Upper
152 100
115 45.4 25.6 76.6
150 161.8 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

