

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058184.D
 Acq On : 18 Jun 2018 16:39
 Operator : VA/AP
 Sample : J3533-01
 Misc : 11.12g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ZER-SB-02-1-2

Quant Time: Jun 19 06:58:38 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

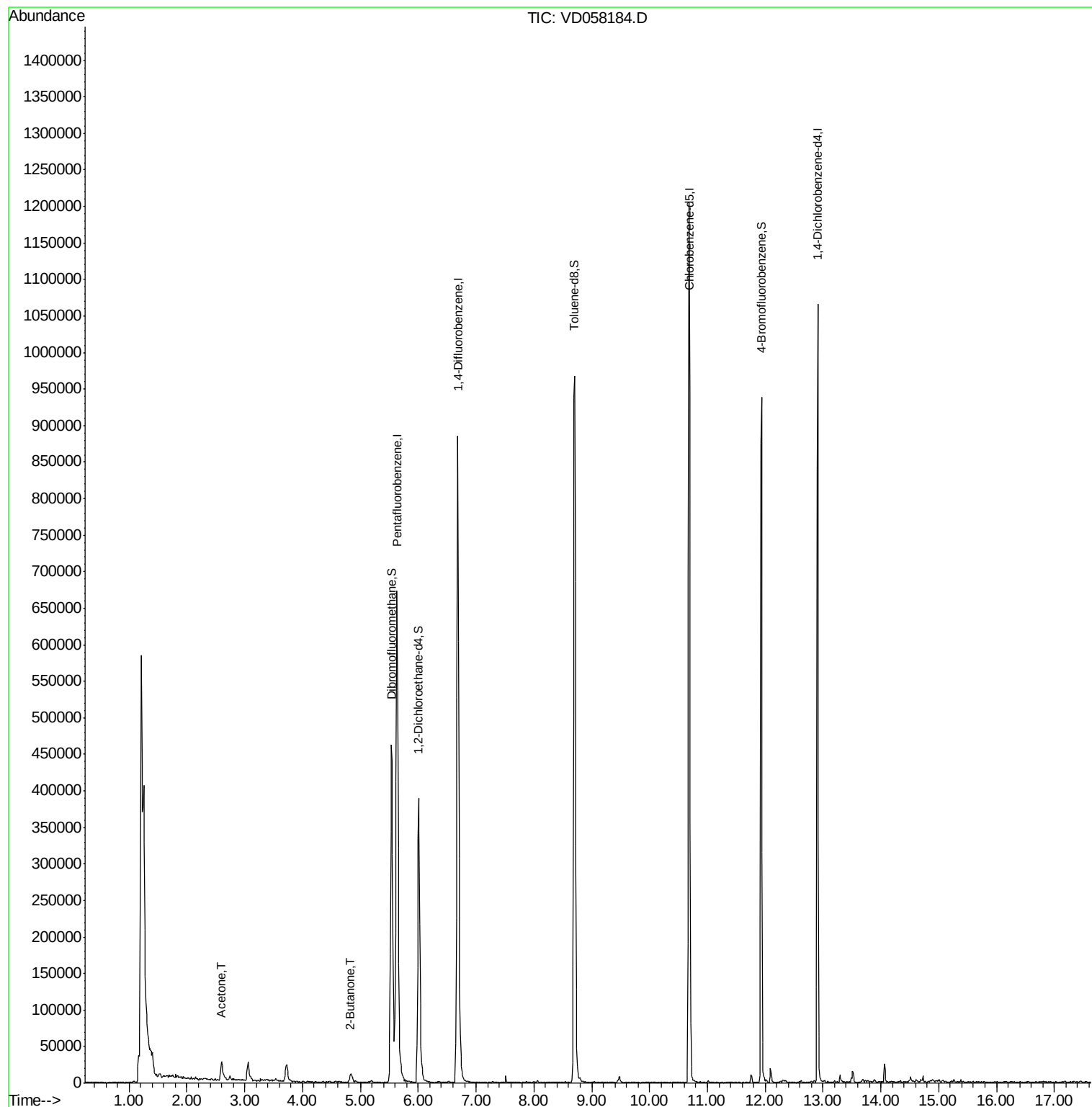
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	675395	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	898010	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	636831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	238005	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	378436	56.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.10%	
35) Dibromofluoromethane	5.54	113	372633	53.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.26%	
50) Toluene-d8	8.70	98	789666	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.92	95	268031	37.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.40%	
Target Compounds						
16) Acetone	2.60	43	50058	51.46	ug/l	97
25) 2-Butanone	4.84	43	15642	7.08	ug/l #	89

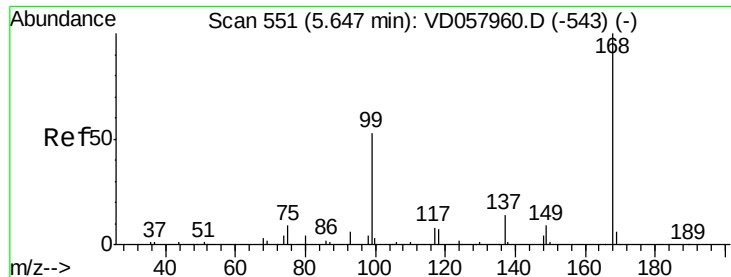
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.01 min

Lab File: VD058184.D

Acq: 18 Jun 2018 16:39

Instrument :

MSVOA_D

ClientSampleId :

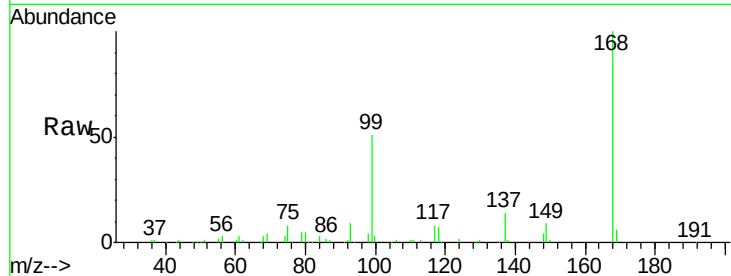
ZER-SB-02-1-2

Tot Ion:168 Resp: 675395

Ion Ratio Lower Upper

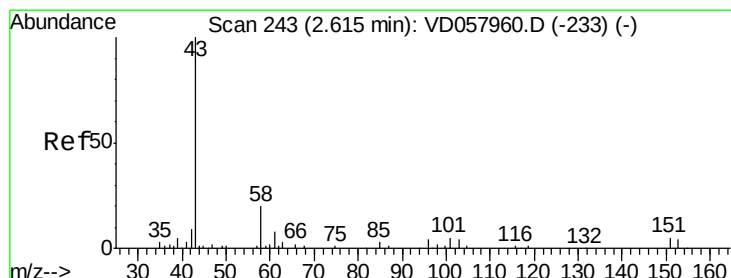
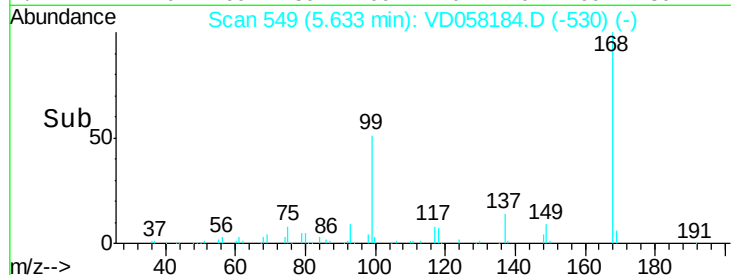
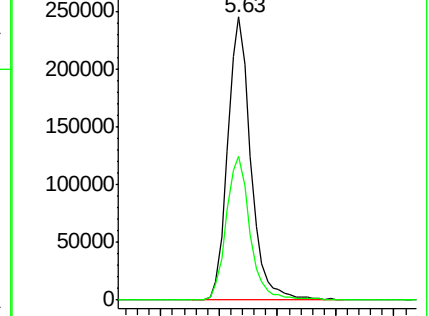
168 100

99 50.9 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: 51.46 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD058184.D

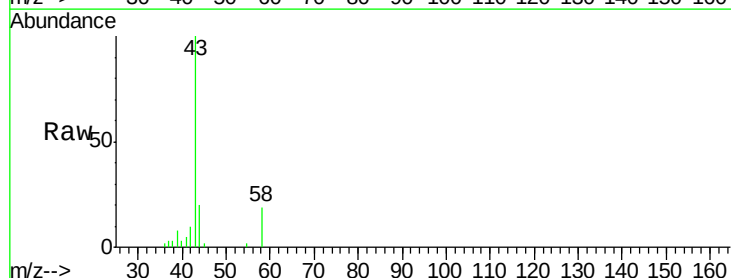
Acq: 18 Jun 2018 16:39

Tgt Ion: 43 Resp: 50058

Ion Ratio Lower Upper

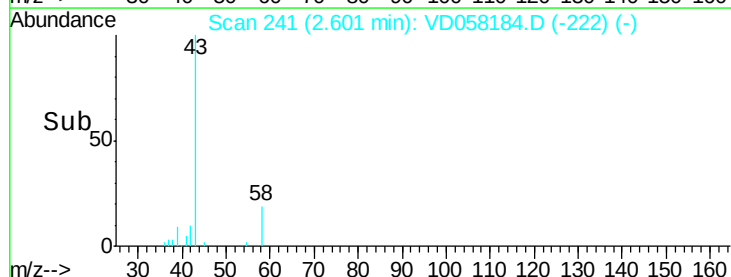
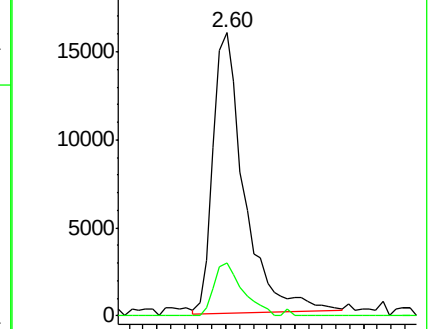
43 100

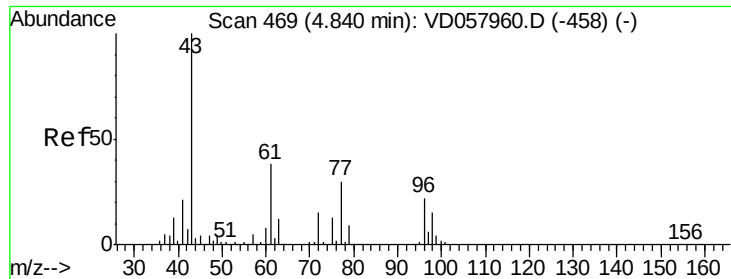
58 18.5 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

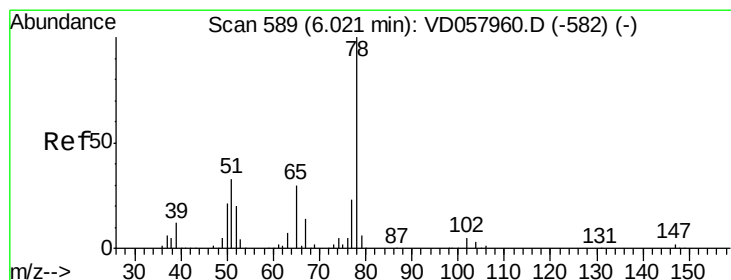
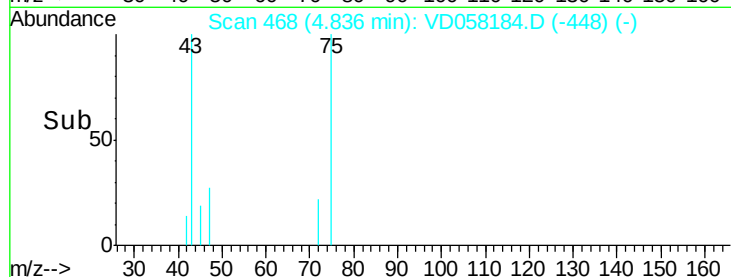
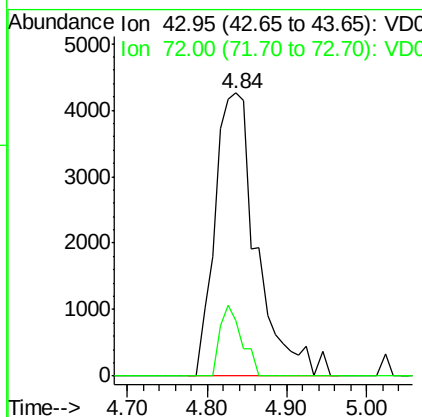
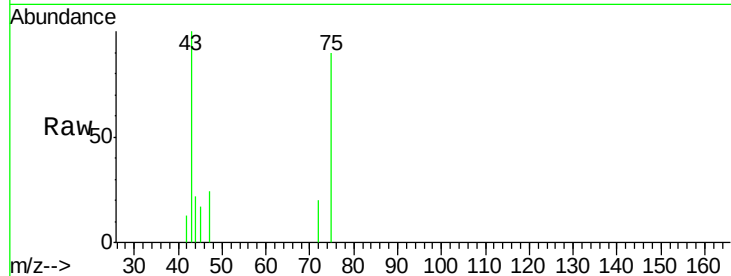




#25
2-Butanone
Concen: 7.08 ug/l
RT: 4.84 min Scan# 468
Delta R.T. -0.00 min
Lab File: VD058184.D
Acq: 18 Jun 2018 16:39

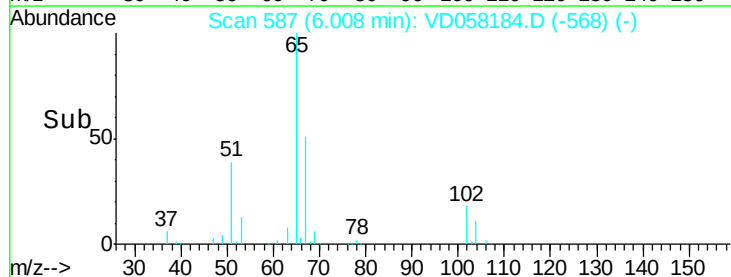
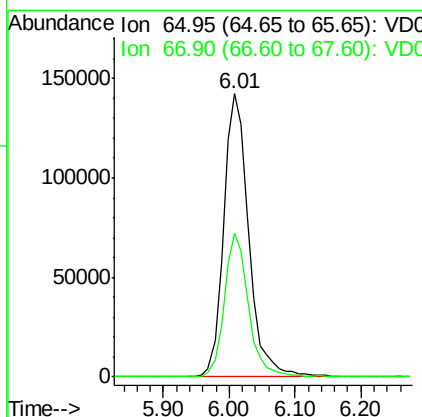
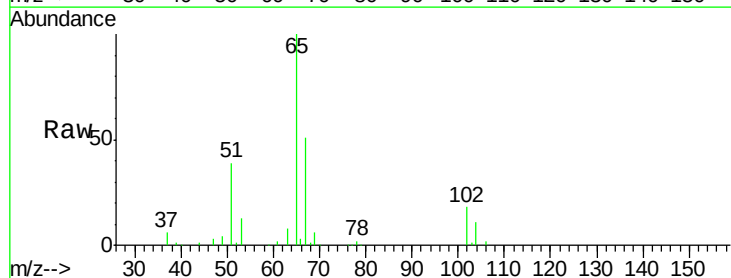
Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-02-1-2

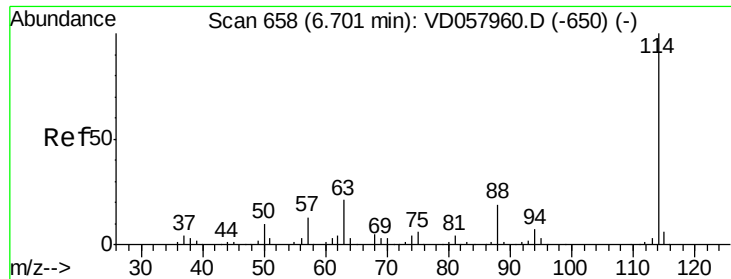
Tot Ion: 43 Resp: 15642
Ion Ratio Lower Upper
43 100
72 19.6 12.0 18.0#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.01 min
Lab File: VD058184.D
Acq: 18 Jun 2018 16:39

Tgt Ion: 65 Resp: 378436
Ion Ratio Lower Upper
65 100
67 50.8 0.0 94.0

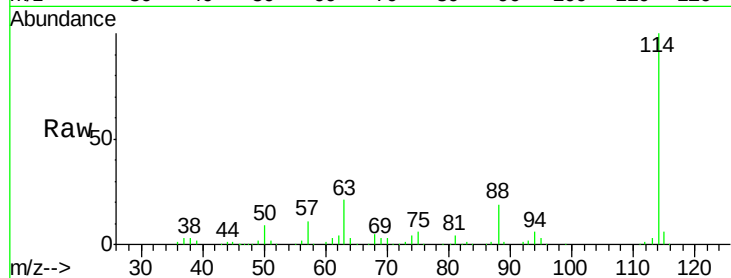




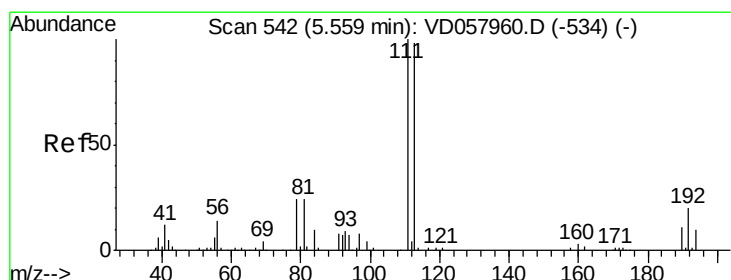
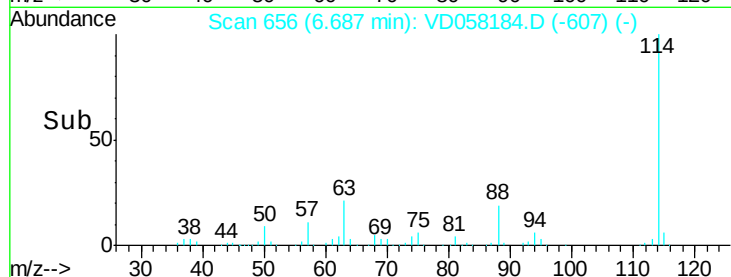
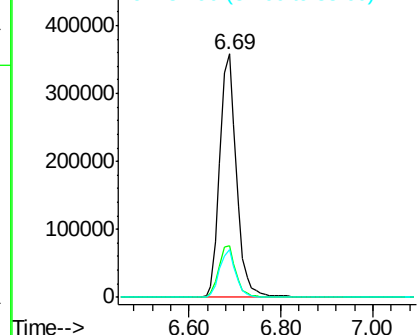
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD058184.D
Acq: 18 Jun 2018 16:39

Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-02-1-2

Tot Ion:114 Resp: 898010
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.8
88 19.5 0.0 37.8

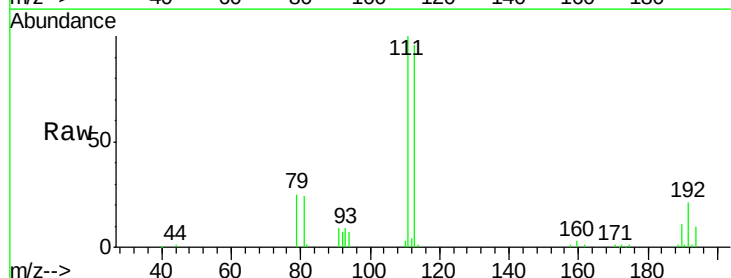


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

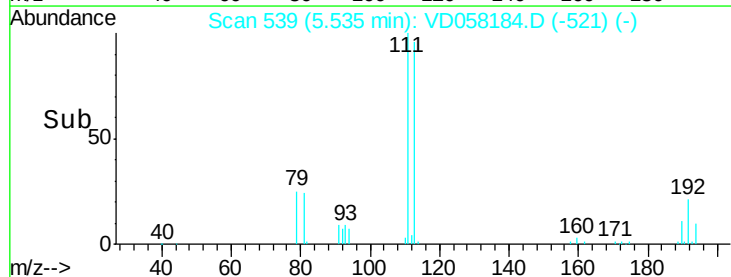
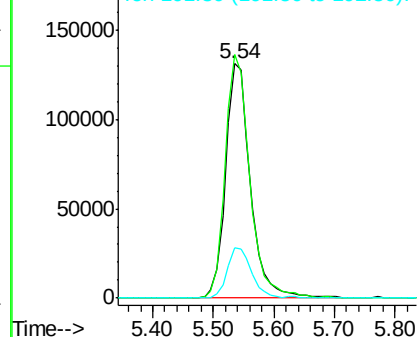


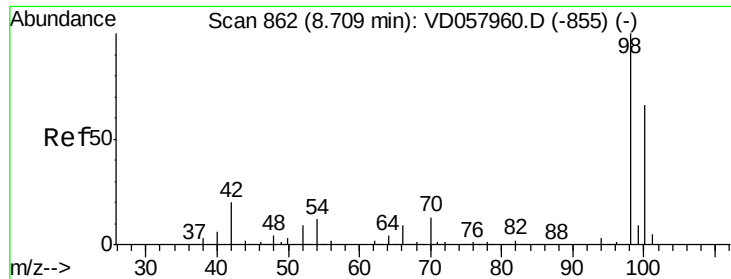
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 539
Delta R.T. -0.02 min
Lab File: VD058184.D
Acq: 18 Jun 2018 16:39

Tgt Ion:113 Resp: 372633
Ion Ratio Lower Upper
113 100
111 104.0 81.5 122.3
192 21.6 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

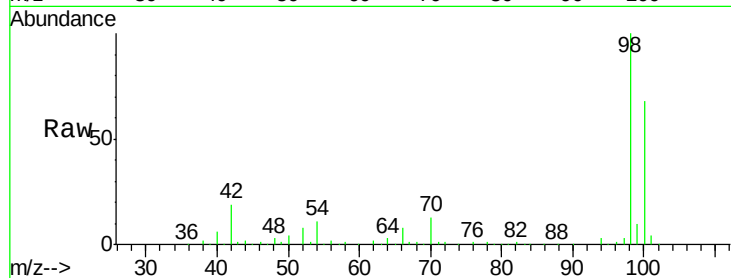




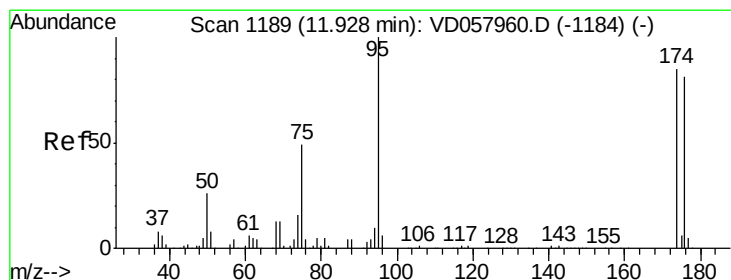
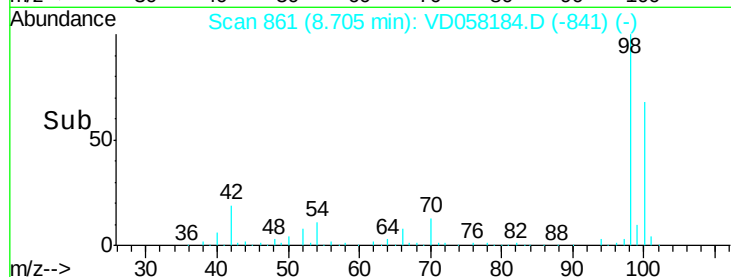
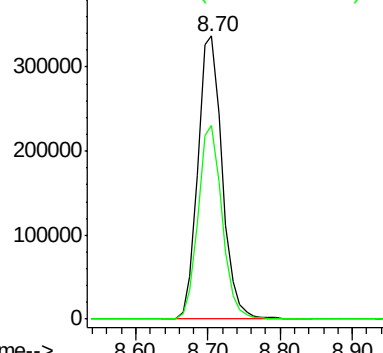
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD058184.D
Acq: 18 Jun 2018 16:39

Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-02-1-2

Tot Ion: 98 Resp: 789666
Ion Ratio Lower Upper
98 100
100 68.4 53.4 80.0

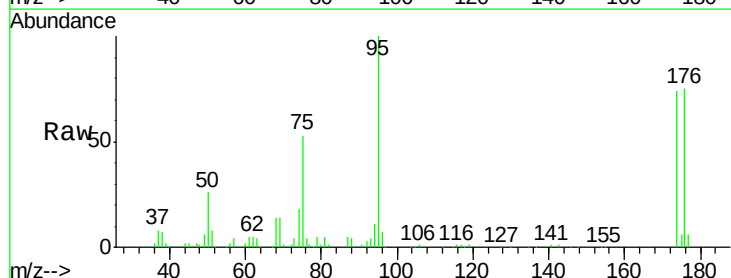


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

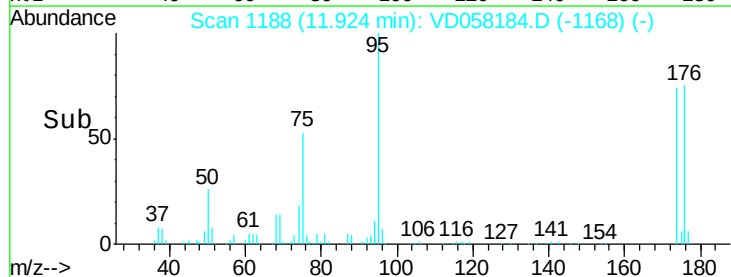
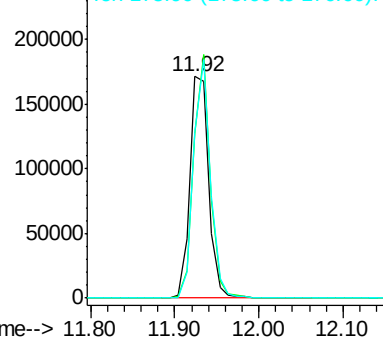


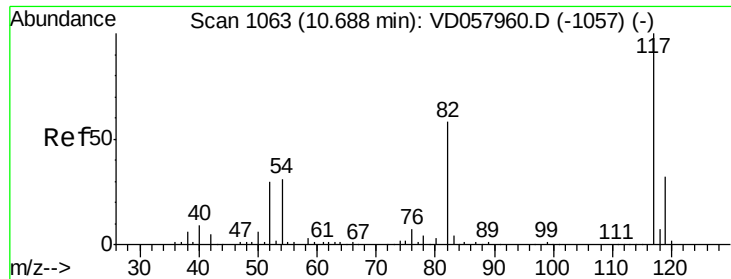
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD058184.D
Acq: 18 Jun 2018 16:39

Tgt Ion: 95 Resp: 268031
Ion Ratio Lower Upper
95 100
174 74.1 0.0 169.4
176 74.6 0.0 162.6



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

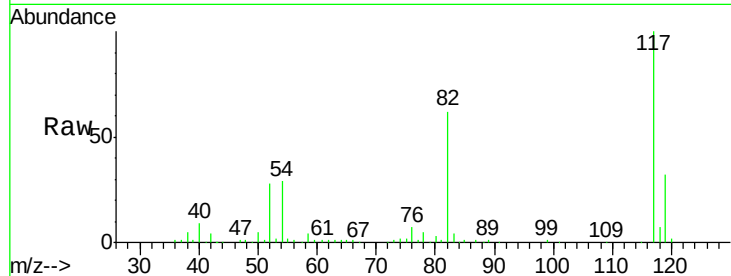




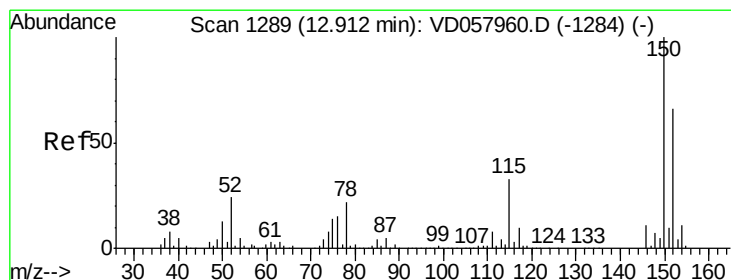
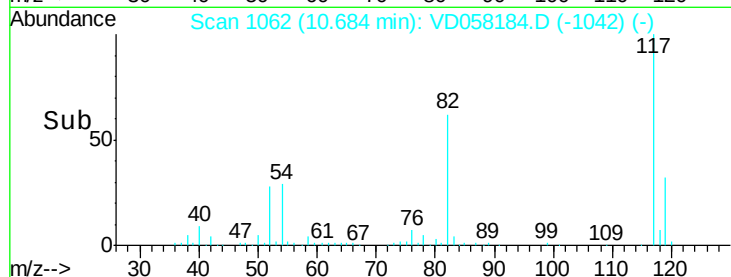
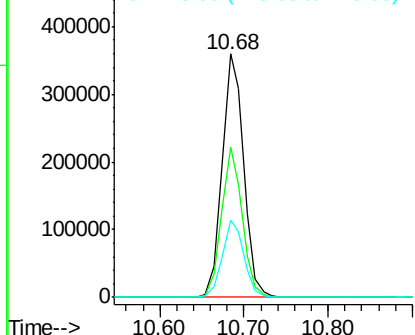
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD058184.D
Acq: 18 Jun 2018 16:39

Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-02-1-2

Tot Ion:117 Resp: 636831
Ion Ratio Lower Upper
117 100
82 61.8 46.8 70.2
119 32.0 25.8 38.6

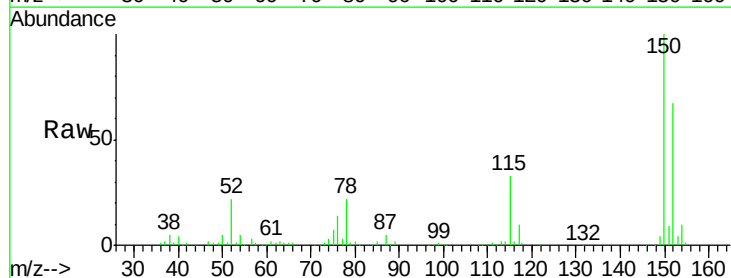


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058184.D
Acq: 18 Jun 2018 16:39

Tgt Ion:152 Resp: 238005
Ion Ratio Lower Upper
152 100
115 50.1 25.6 76.6
150 150.1 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

