

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059480.D
 Acq On : 28 Jun 2018 23:28
 Operator : VA/AP
 Sample : J3749-01
 Misc : 13.54g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ZER-SB-03-9-11

Quant Time: Jun 29 02:33:41 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	5.65	168	495977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	639792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	465883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	146793	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	230238	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
35) Dibromofluoromethane	5.55	113	256682	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	8.71	98	434754	35.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.38%	
62) 4-Bromofluorobenzene	11.93	95	148439	29.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.58%	

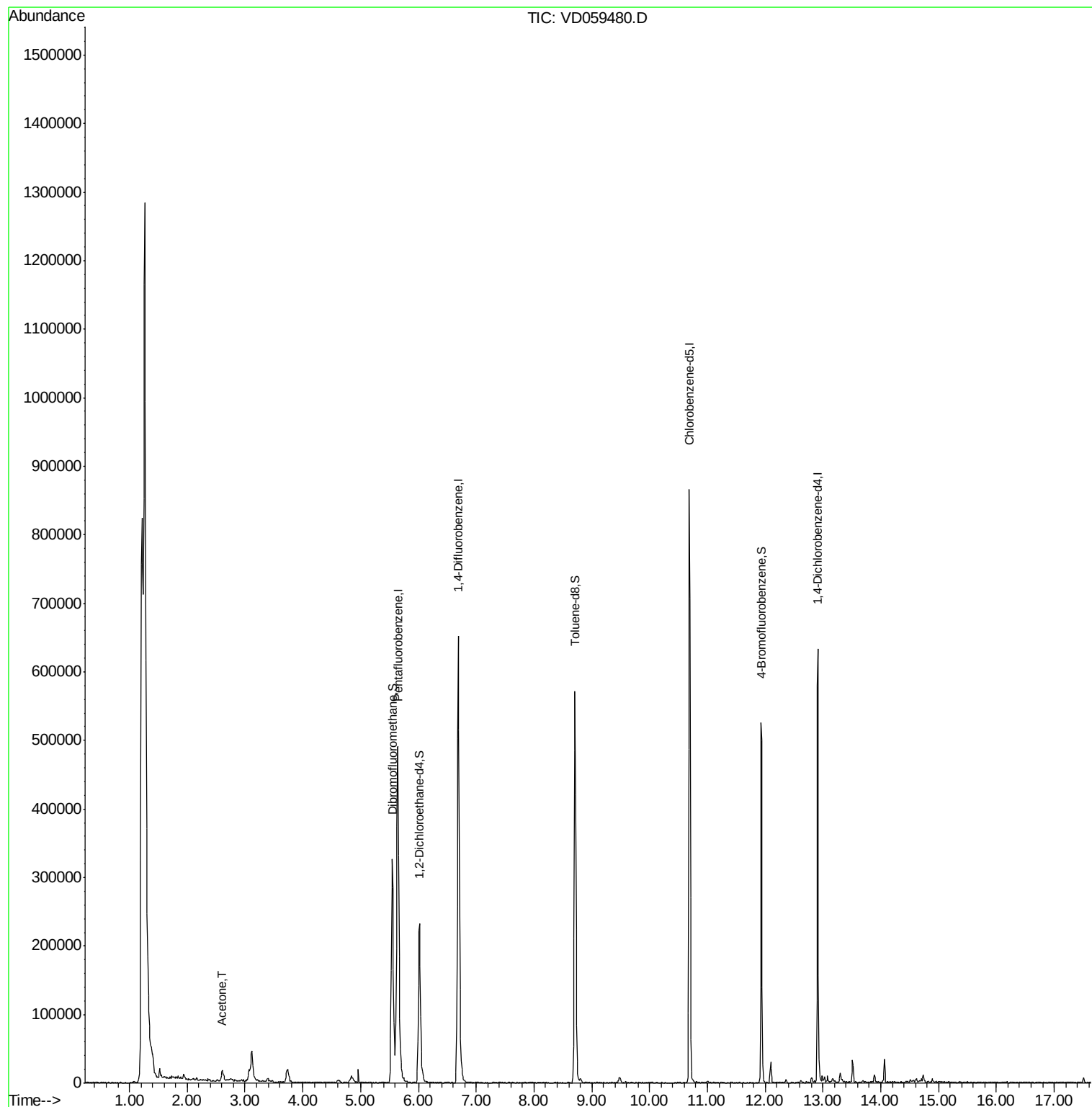
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	31131	48.63	ug/l	95

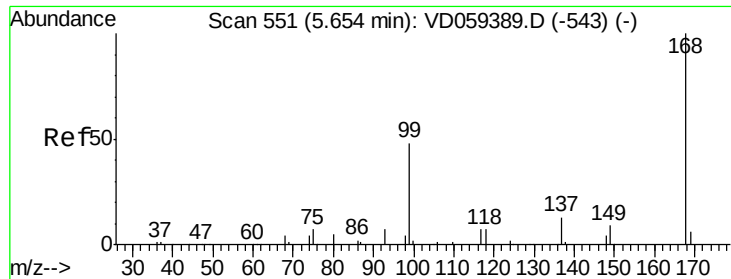
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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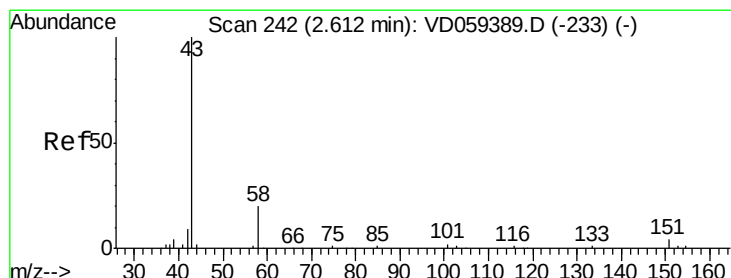
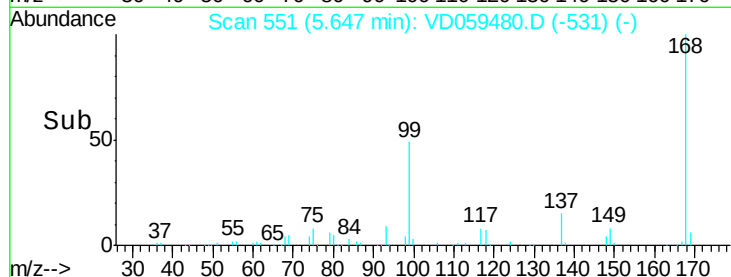
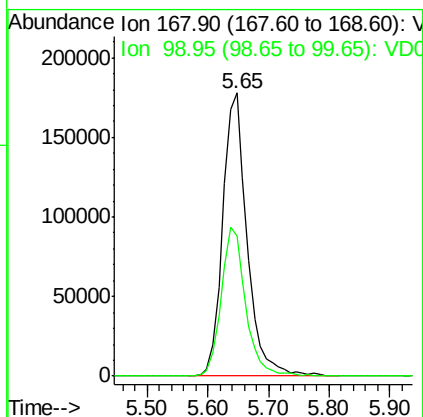
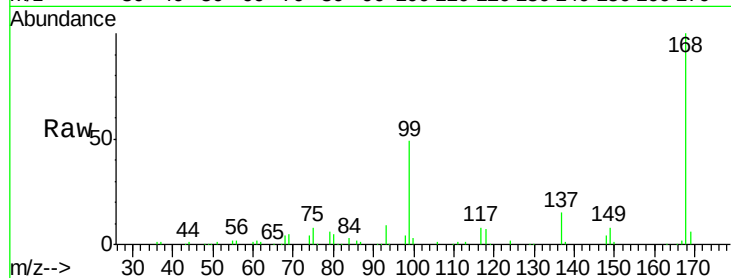




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.01 min
Lab File: VD059480.D
Acq: 28 Jun 2018 23:28

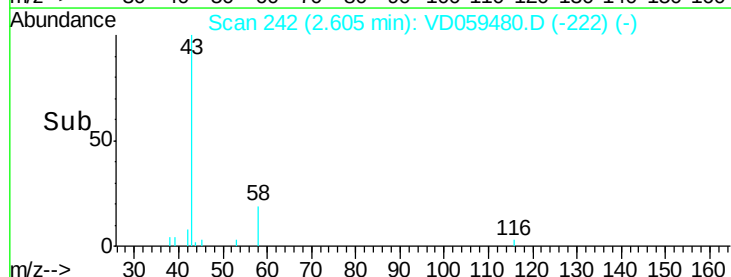
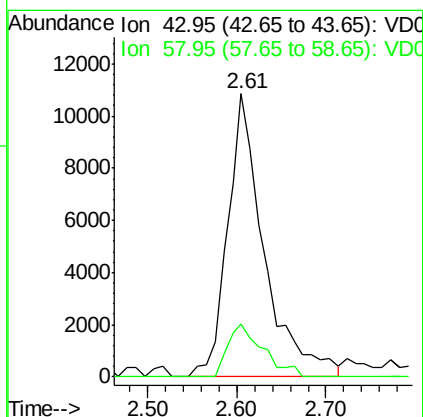
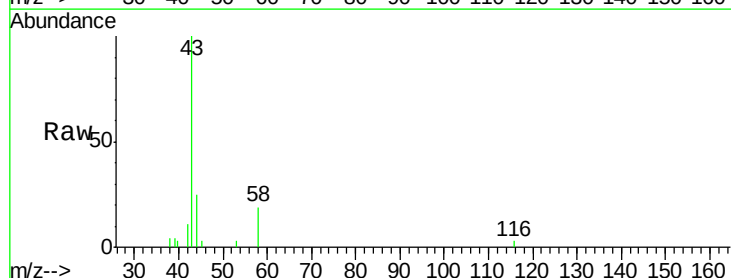
Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-03-9-11

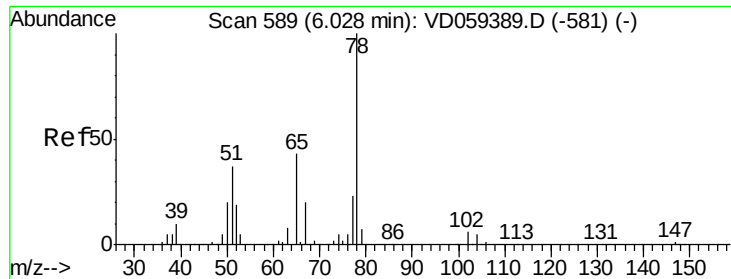
Tot Ion:168 Resp: 495977
Ion Ratio Lower Upper
168 100
99 49.4 41.0 61.6



#16
Acetone
Concen: 48.63 ug/l
RT: 2.61 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD059480.D
Acq: 28 Jun 2018 23:28

Tgt Ion: 43 Resp: 31131
Ion Ratio Lower Upper
43 100
58 18.7 16.8 25.2

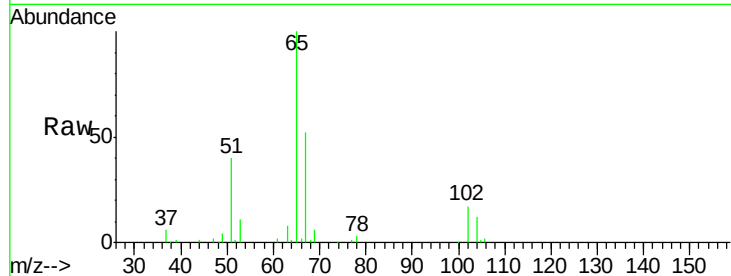




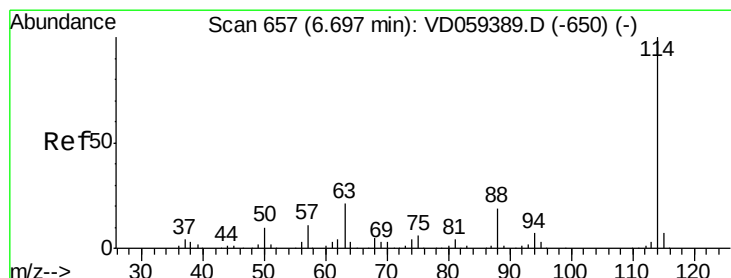
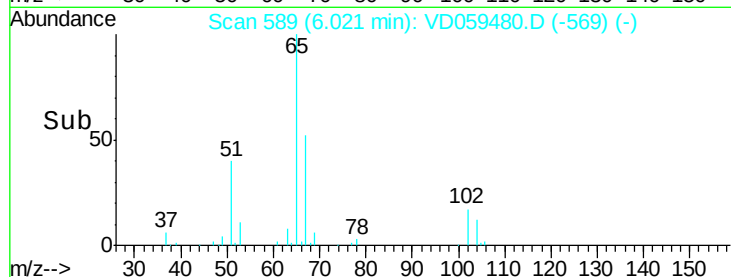
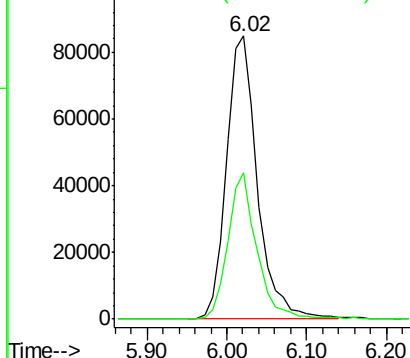
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VD059480.D
 Acq: 28 Jun 2018 23:28

Instrument :
 MSVOA_D
 ClientSampleId :
 ZER-SB-03-9-11

Tot Ion: 65 Resp: 230238
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 93.8

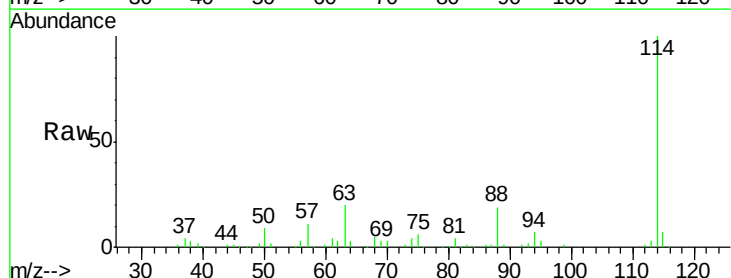


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

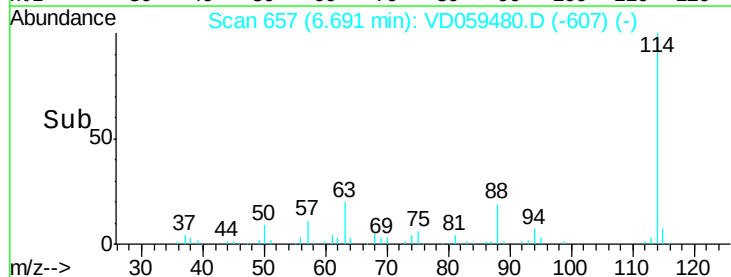
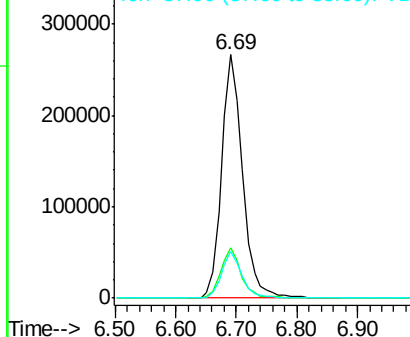


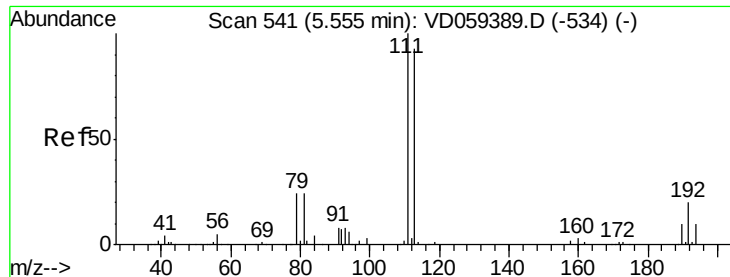
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059480.D
 Acq: 28 Jun 2018 23:28

Tgt Ion: 114 Resp: 639792
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 19.0 0.0 38.0



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





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD059480.D

Acq: 28 Jun 2018 23:28

Instrument :

MSVOA_D

ClientSampleId :

ZER-SB-03-9-11

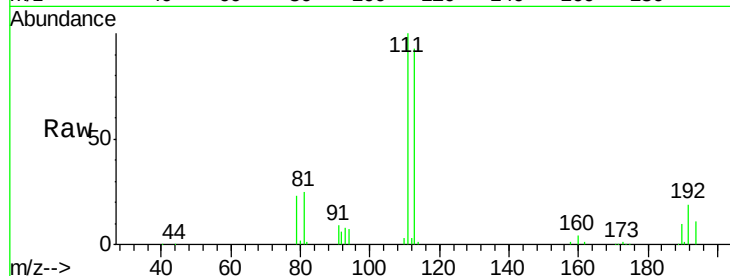
Tot Ion:113 Resp: 256682

Ion Ratio Lower Upper

113 100

111 107.0 85.7 128.5

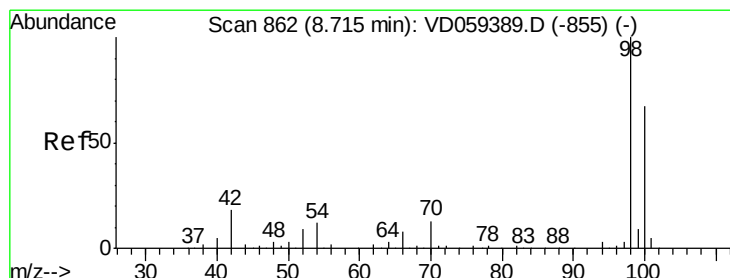
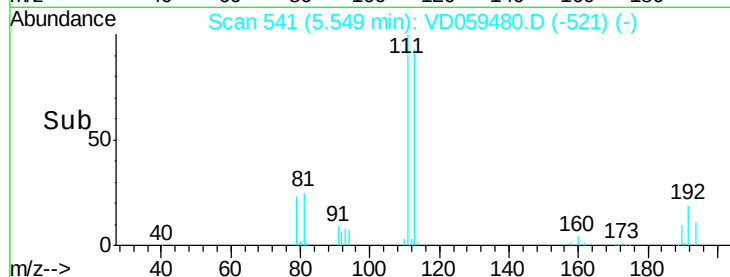
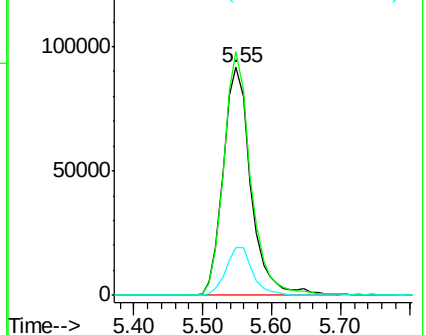
192 20.8 16.9 25.3



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: 8.71 min Scan# 862

Delta R.T. -0.01 min

Lab File: VD059480.D

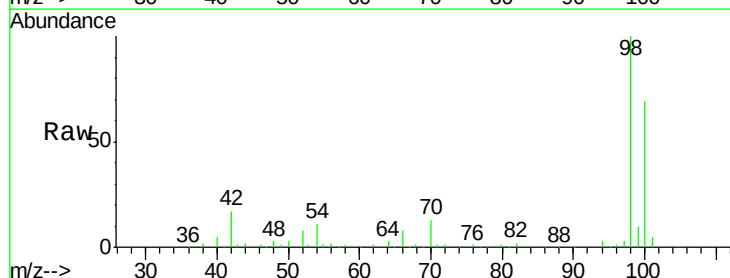
Acq: 28 Jun 2018 23:28

Tgt Ion: 98 Resp: 434754

Ion Ratio Lower Upper

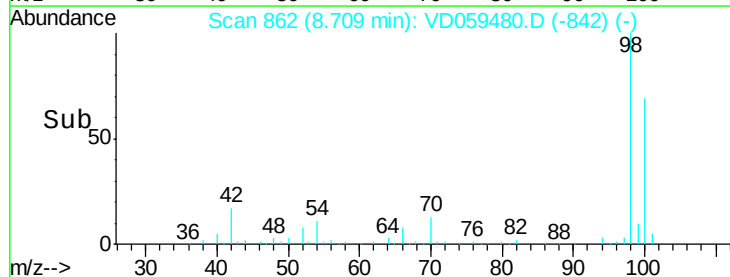
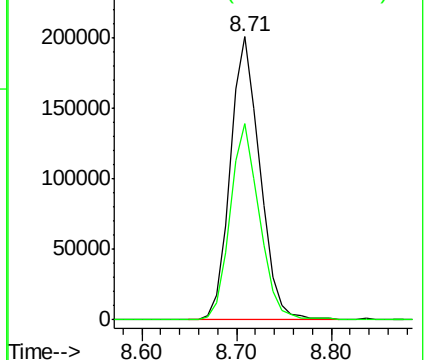
98 100

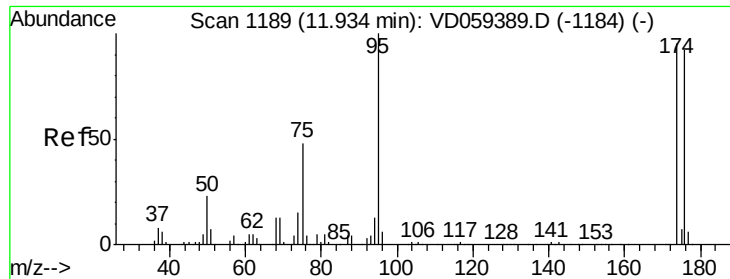
100 69.3 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

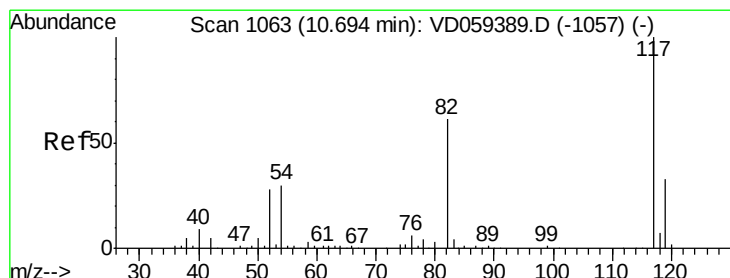
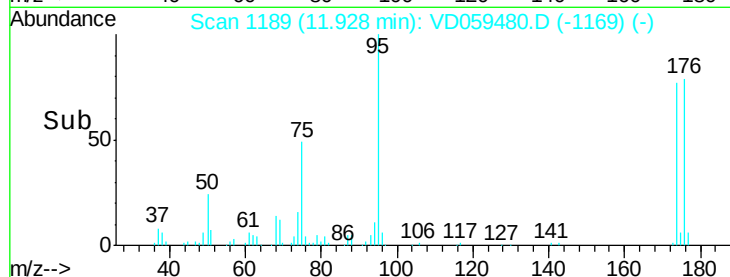
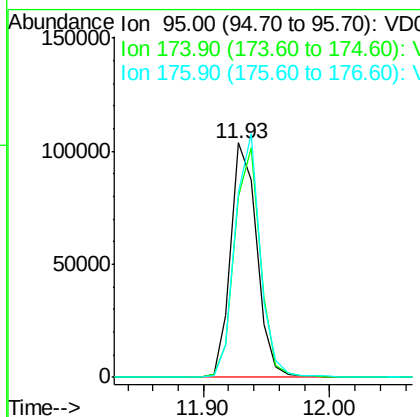
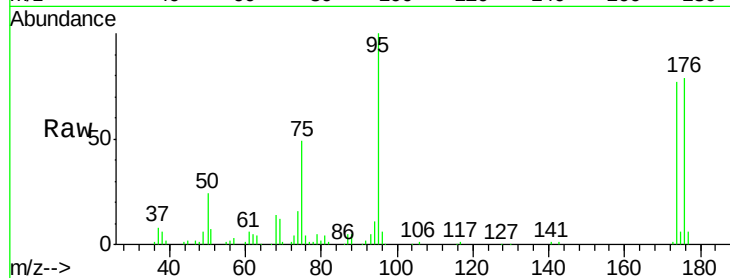




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059480.D
Acq: 28 Jun 2018 23:28

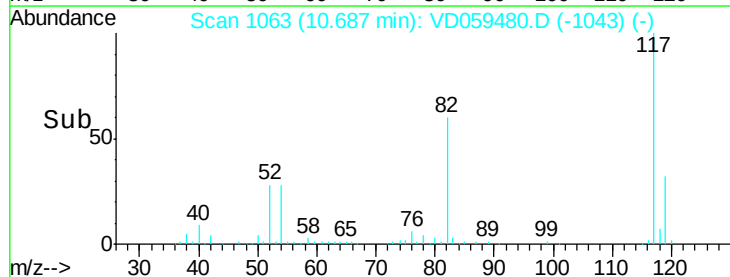
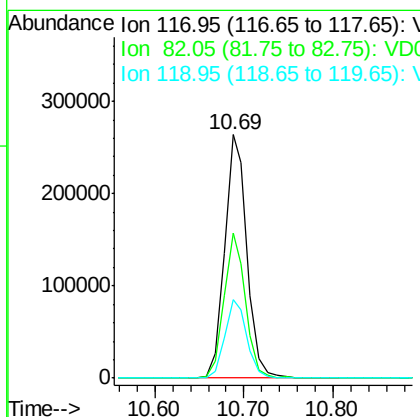
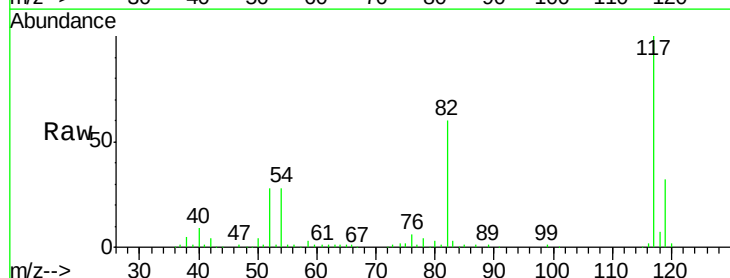
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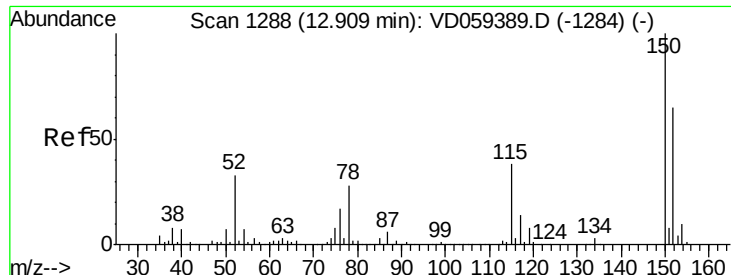
Tot Ion: 95 Resp: 148439
Ion Ratio Lower Upper
95 100
174 77.1 0.0 190.4
176 78.6 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059480.D
Acq: 28 Jun 2018 23:28

Tgt Ion: 117 Resp: 465883
Ion Ratio Lower Upper
117 100
82 59.7 49.0 73.6
119 32.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD059480.D

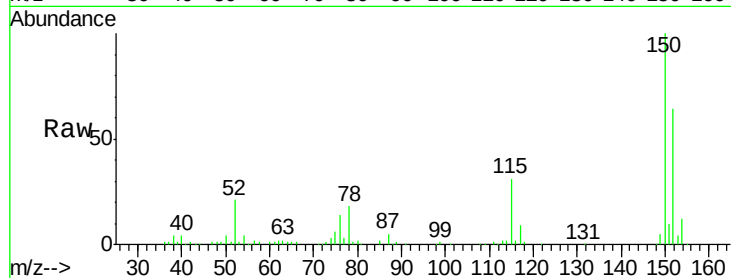
Acq: 28 Jun 2018 23:28

Instrument :

MSVOA_D

ClientSampleId :

ZER-SB-03-9-11



Tot Ion:152 Resp: 146793

Ion Ratio Lower Upper

152 100

115 48.5 29.4 88.3

150 156.4 0.0 308.2

