

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059445.D
 Acq On : 27 Jun 2018 15:30
 Operator : VA/AP
 Sample : J3629-08
 Misc : 5.72g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C10-03

Quant Time: Jun 28 03:47:10 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

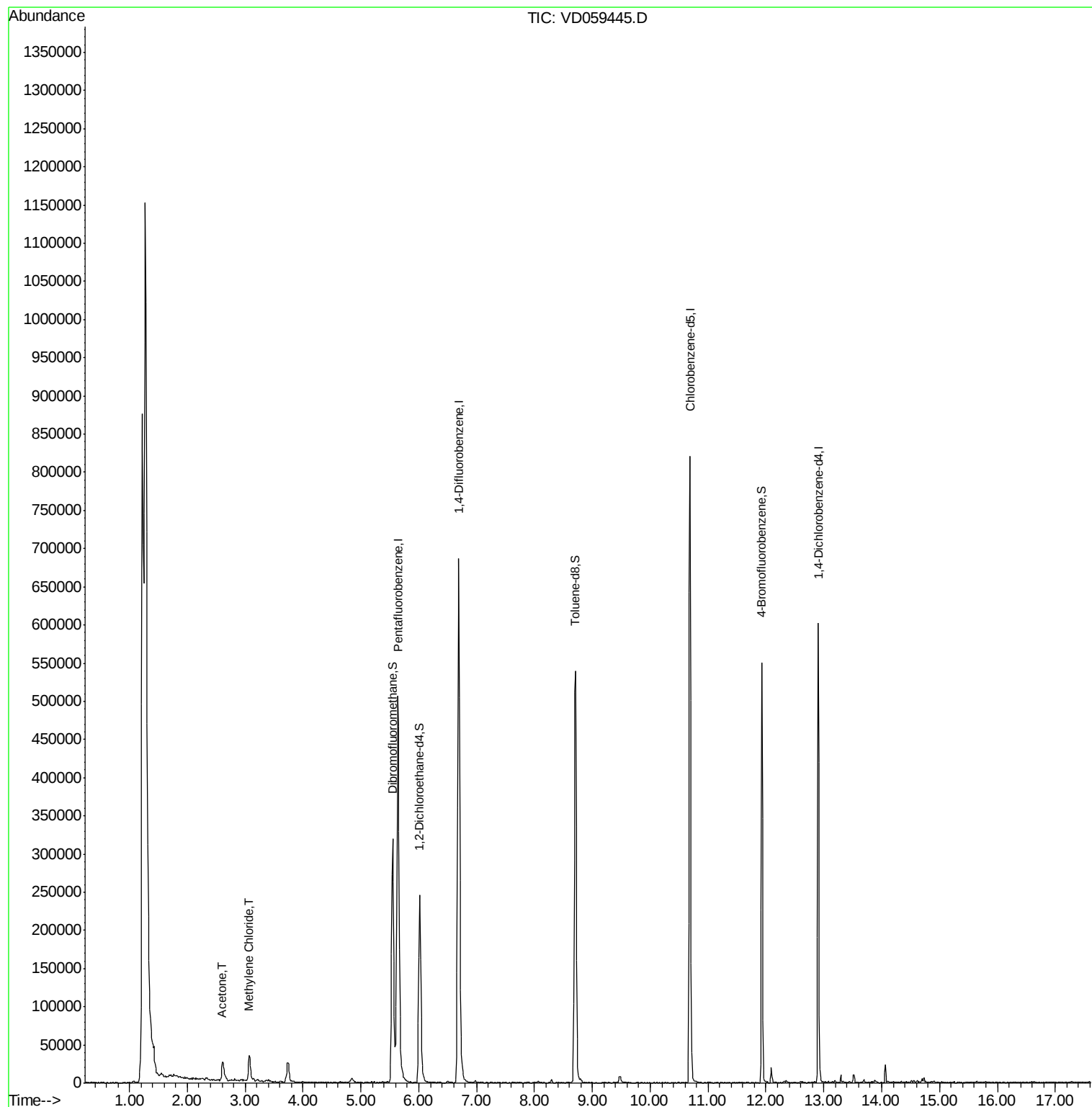
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	511616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	702381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	448421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	128824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	247792	47.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.72%	
35) Dibromofluoromethane	5.55	113	250546	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
50) Toluene-d8	8.71	98	427985	32.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.00%	
62) 4-Bromofluorobenzene	11.93	95	137831	24.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.56%	
Target Compounds						
16) Acetone	2.60	43	52837	80.02	ug/l #	89
20) Methylene Chloride	3.07	84	15623	6.35	ug/l #	89

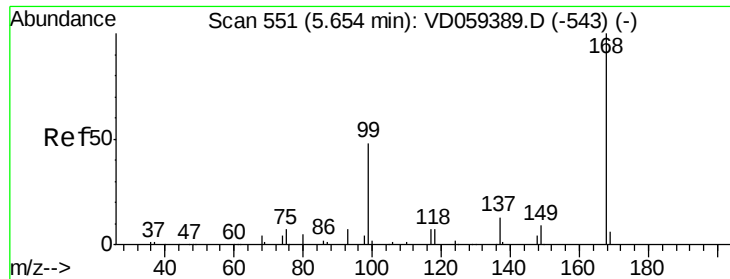
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059445.D

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Instrument :

MSVOA_D

ClientSampleId :

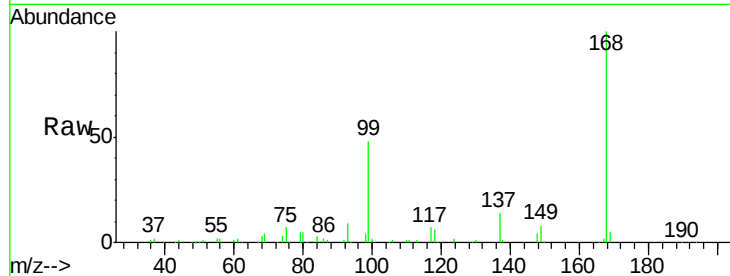
A0C10-03

Tot Ion:168 Resp: 511616

Ion Ratio Lower Upper

168 100

99 47.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

200000

150000

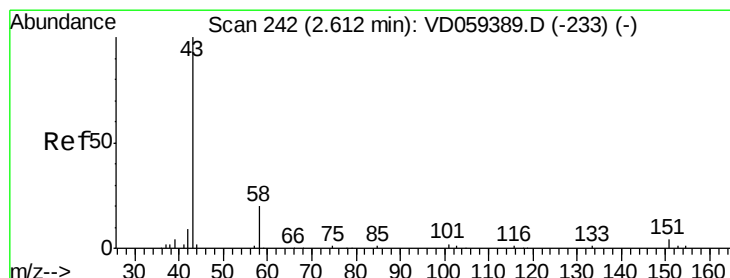
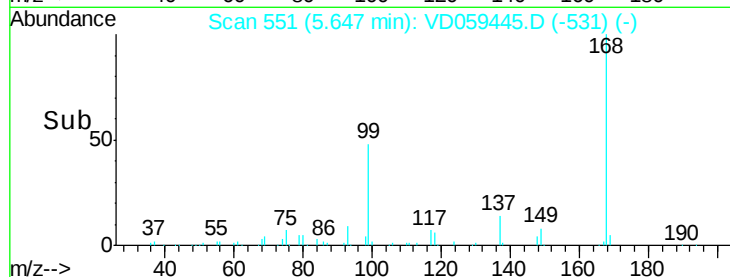
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 80.02 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059445.D

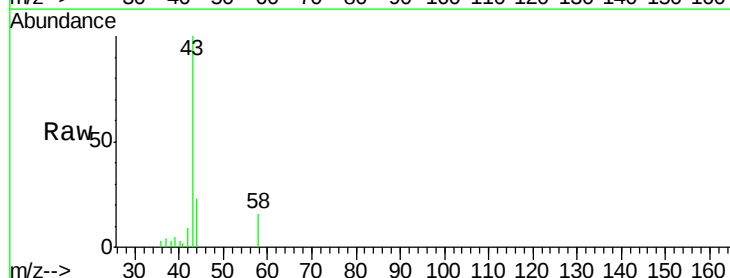
Acq: 27 Jun 2018 15:30

Tgt Ion: 43 Resp: 52837

Ion Ratio Lower Upper

43 100

58 16.0 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.60

15000

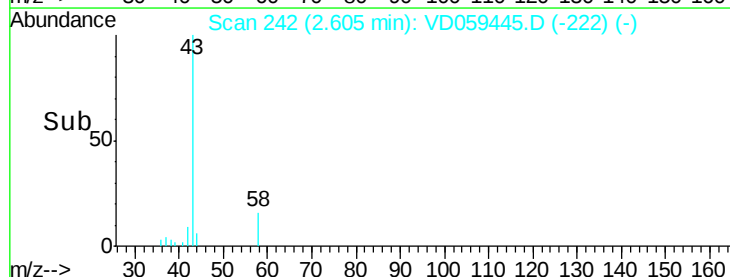
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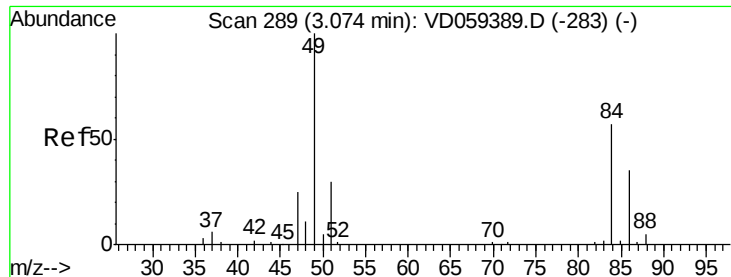
5000

0

Time-->

2.50 2.60 2.70 2.80

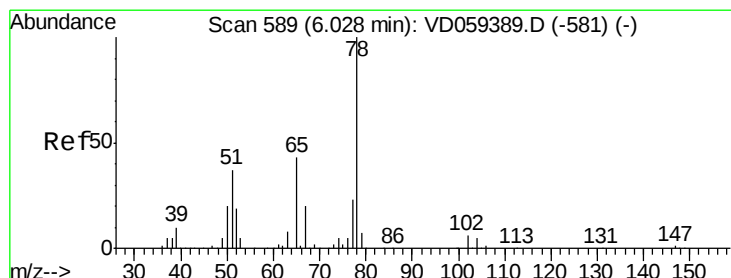
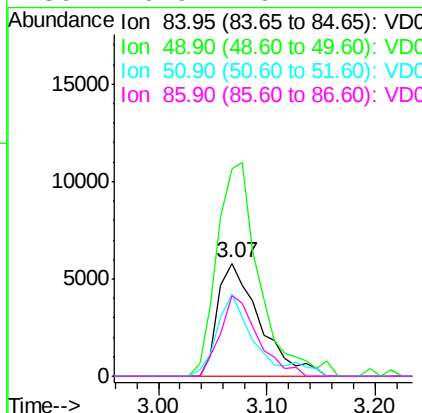
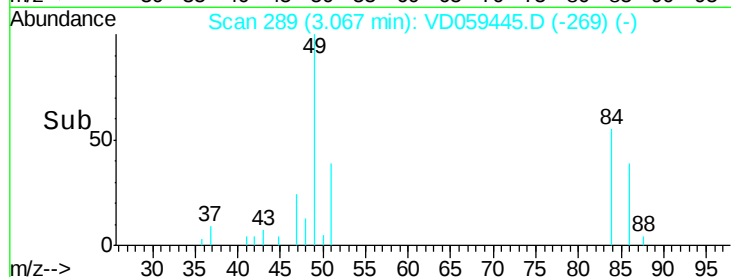
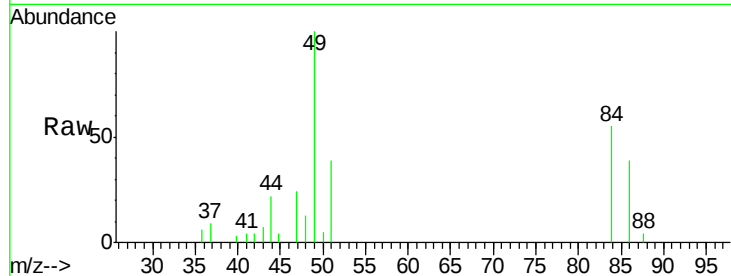




#20
Methvlene Chloride
Concen: 6.35 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD059445.D
Acq: 27 Jun 2018 15:30

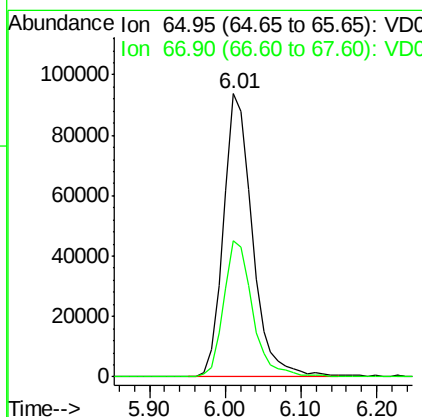
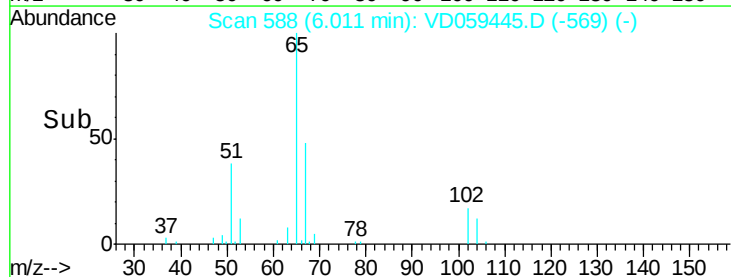
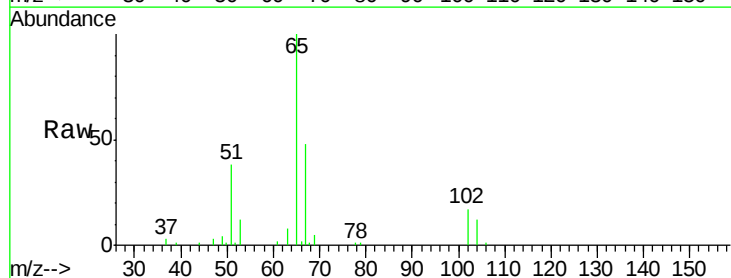
Instrument :
MSVOA_D
ClientSampleId :
A0C10-03

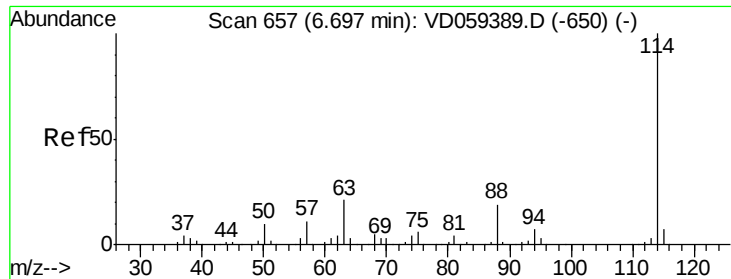
Tot Ion: 84 Resp: 15623
Ion Ratio Lower Upper
84 100
49 183.3 140.3 210.5
51 72.2 41.6 62.4#
86 70.9 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.02 min
Lab File: VD059445.D
Acq: 27 Jun 2018 15:30

Tgt Ion: 65 Resp: 247792
Ion Ratio Lower Upper
65 100
67 47.9 0.0 93.8

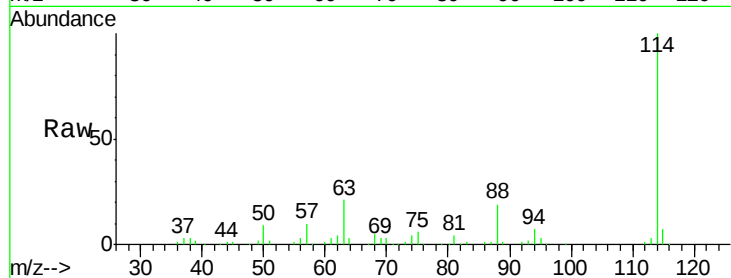




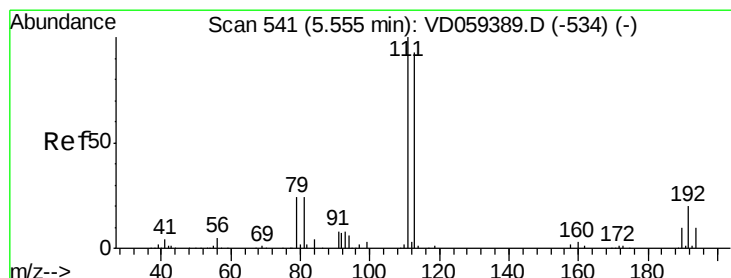
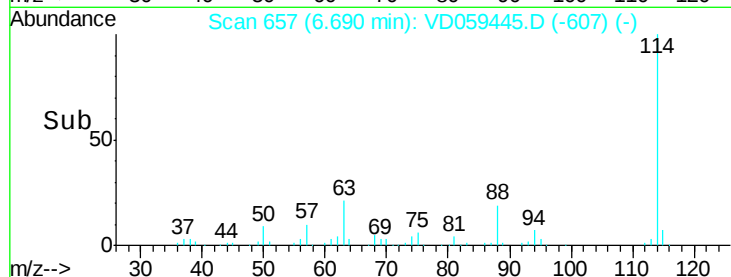
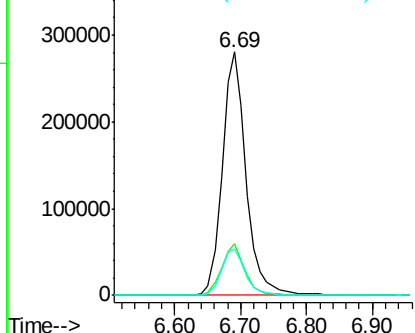
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059445.D
 Acq: 27 Jun 2018 15:30

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C10-03

Tot Ion:114 Resp: 702381
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 19.3 0.0 38.0

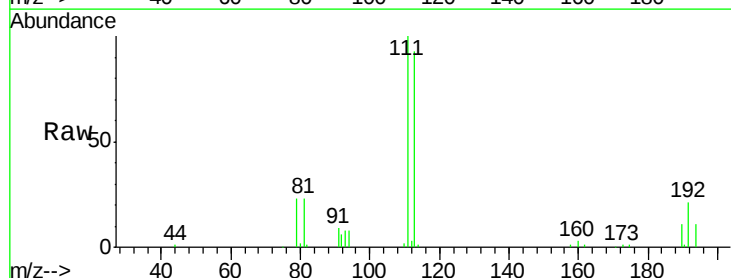


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

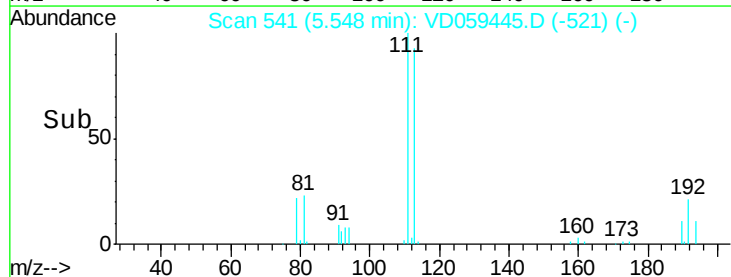
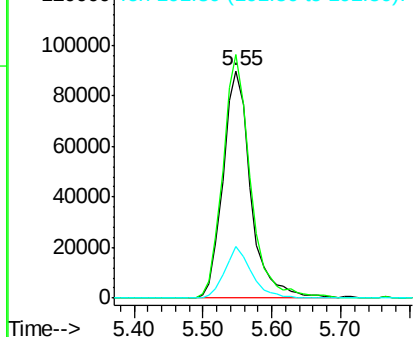


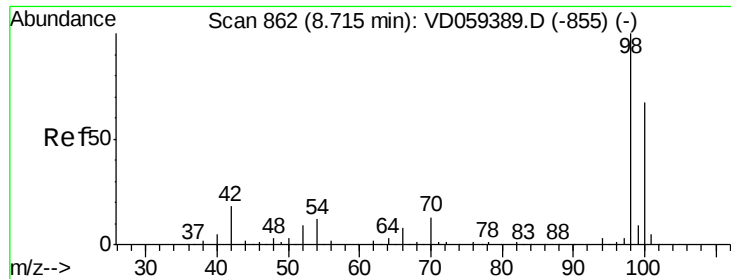
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD059445.D
 Acq: 27 Jun 2018 15:30

Tgt Ion:113 Resp: 250546
 Ion Ratio Lower Upper
 113 100
 111 107.1 85.7 128.5
 192 22.6 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

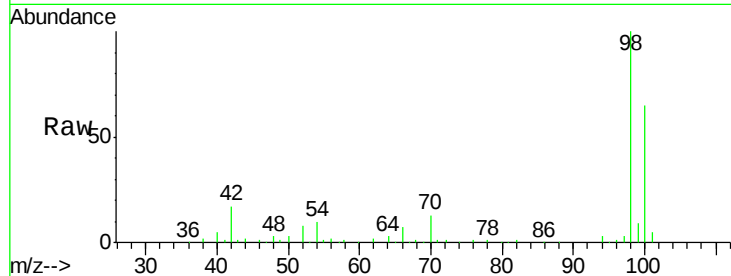




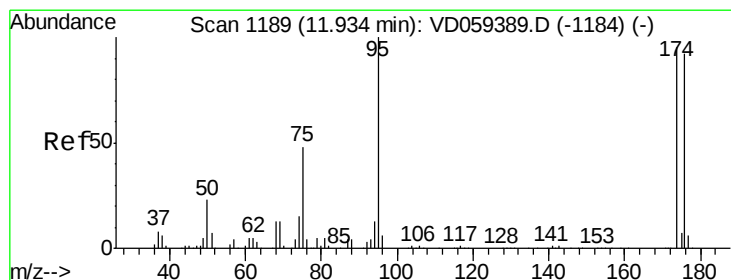
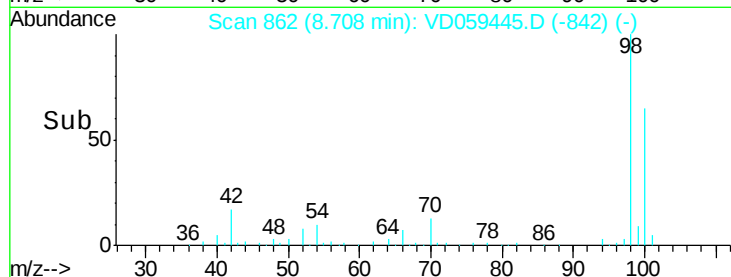
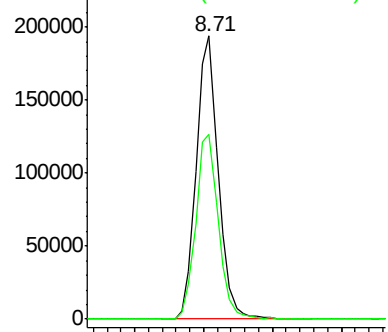
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.01 min
Lab File: VD059445.D
Acq: 27 Jun 2018 15:30

Instrument :
MSVOA_D
ClientSampleId :
A0C10-03

Tot Ion: 98 Resp: 427985
Ion Ratio Lower Upper
98 100
100 65.2 54.4 81.6

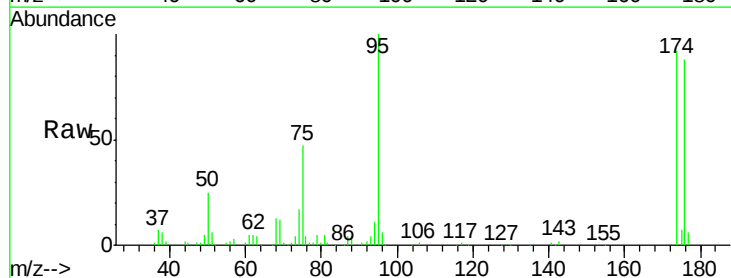


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

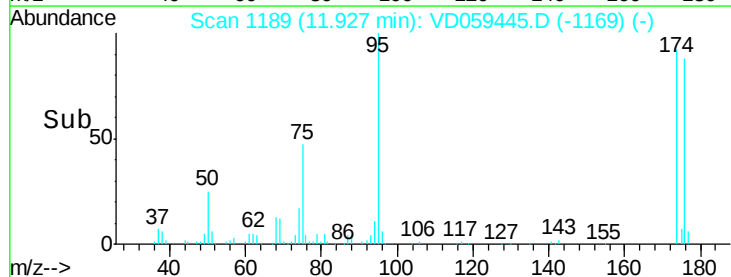
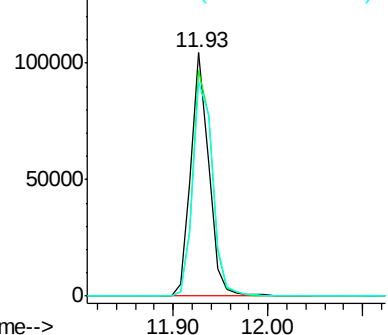


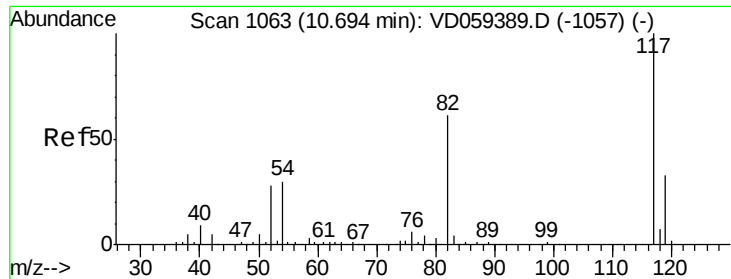
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059445.D
Acq: 27 Jun 2018 15:30

Tgt Ion: 95 Resp: 137831
Ion Ratio Lower Upper
95 100
174 92.5 0.0 190.4
176 88.2 0.0 183.2



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

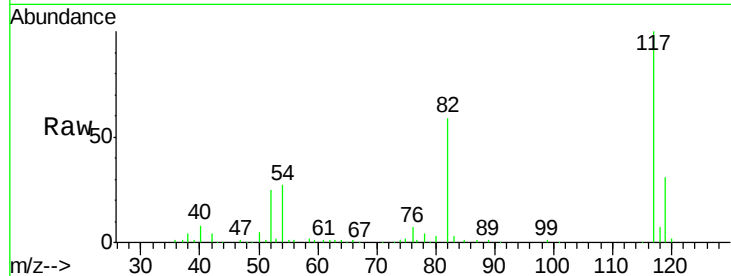




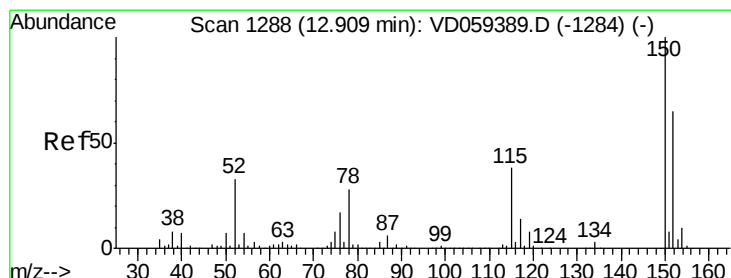
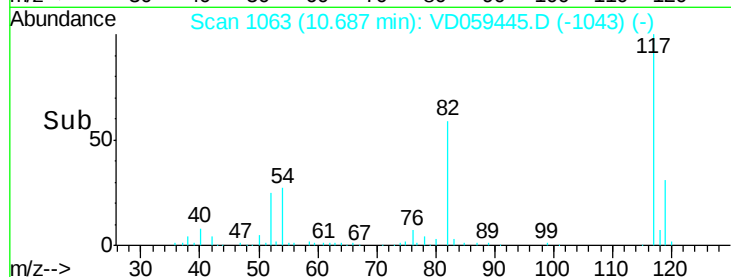
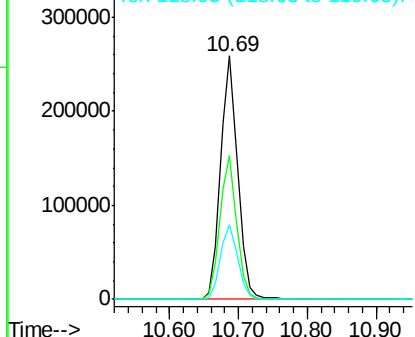
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059445.D
Acq: 27 Jun 2018 15:30

Instrument :
MSVOA_D
ClientSampleId :
A0C10-03

Tot Ion:117 Resp: 448421
Ion Ratio Lower Upper
117 100
82 59.0 49.0 73.6
119 30.8 26.2 39.4

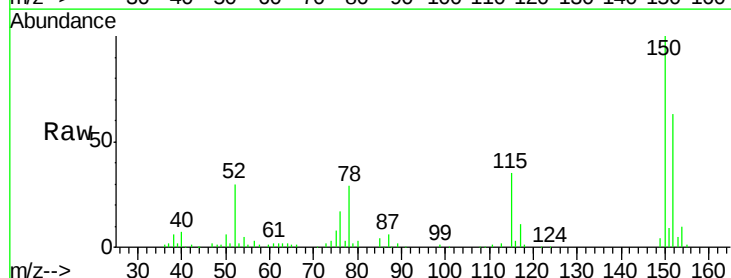


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059445.D
Acq: 27 Jun 2018 15:30

Tgt Ion:152 Resp: 128824
Ion Ratio Lower Upper
152 100
115 55.5 29.4 88.3
150 158.7 0.0 308.2



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

