

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059474.D
 Acq On : 28 Jun 2018 20:39
 Operator : VA/AP
 Sample : J3677-08
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 147-149-B1(6-8)

Quant Time: Jun 29 02:15:34 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

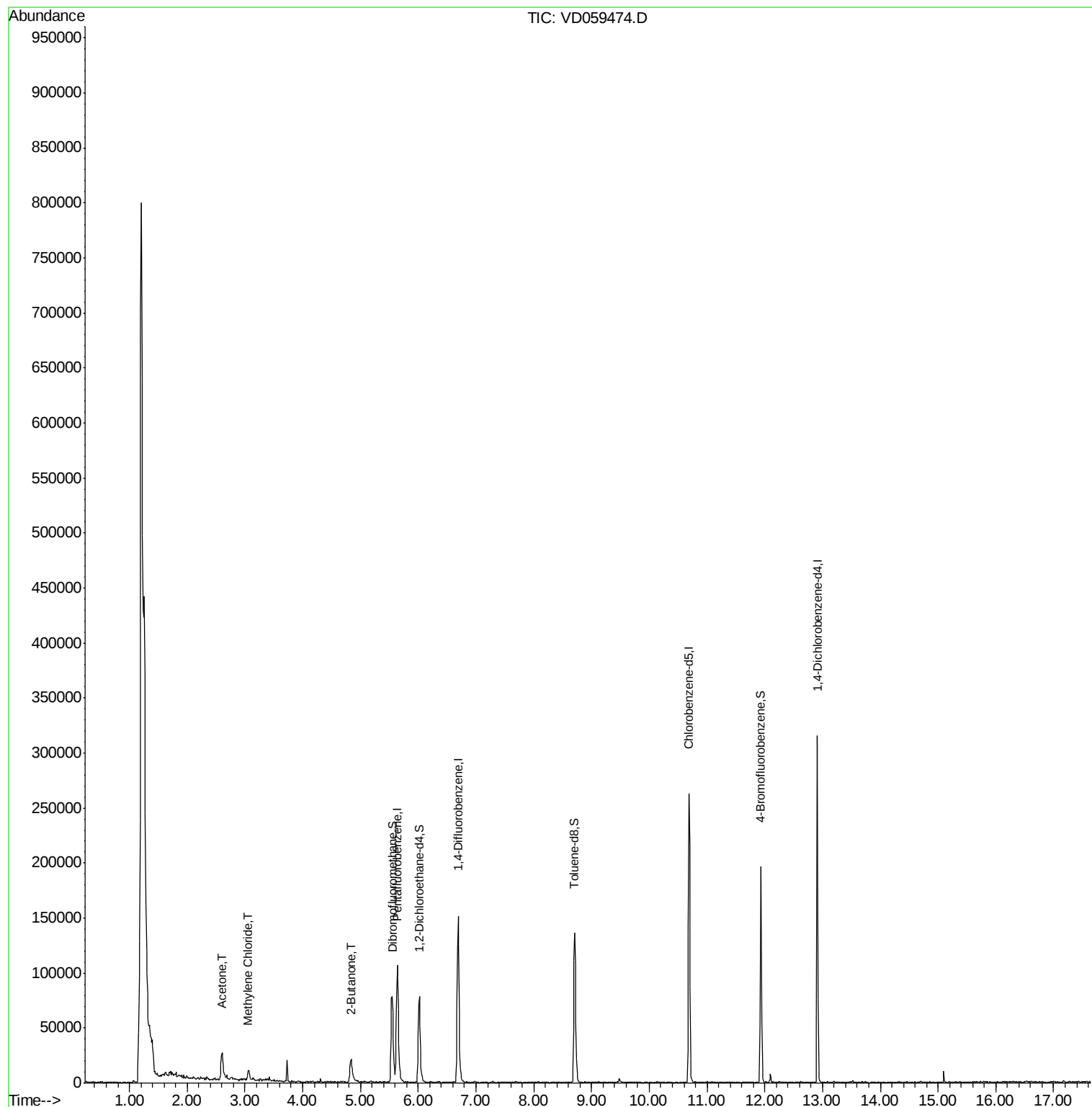
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	104753	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.69	114	148000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	142793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	74201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	74461	69.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.02%	
35) Dibromofluoromethane	5.55	113	62415	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
50) Toluene-d8	8.71	98	105557	37.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.92%	
62) 4-Bromofluorobenzene	11.93	95	57867	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
Target Compounds						
16) Acetone	2.61	43	52478	388.15	ug/l	98
20) Methylene Chloride	3.07	84	3886	8.28	ug/l #	82
25) 2-Butanone	4.83	43	16191	57.17	ug/l	97

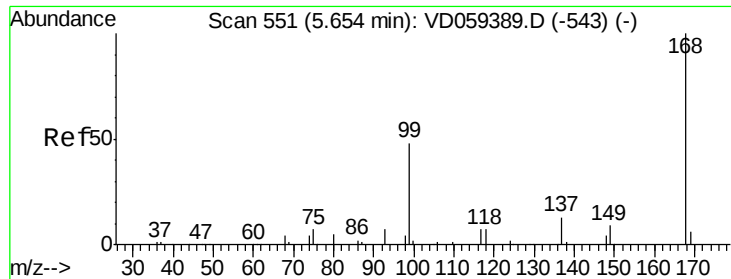
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062818\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.02 min

Lab File: VD059474.D

Acq: 28 Jun 2018 20:39

Instrument :

MSVOA_D

ClientSampleId :

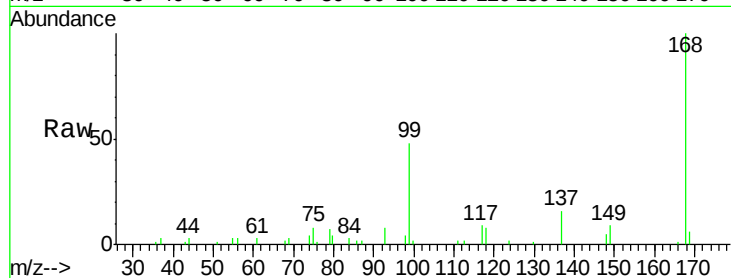
147-149-B1(6-8)

Tot Ion:168 Resp: 104753

Ion Ratio Lower Upper

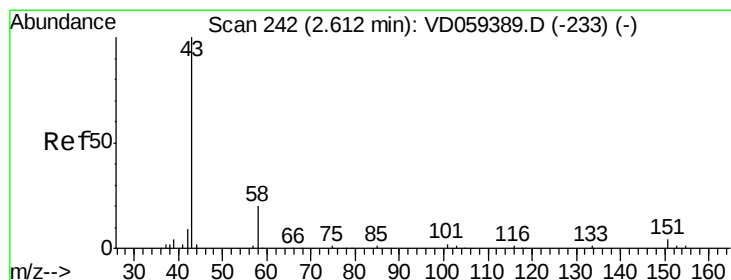
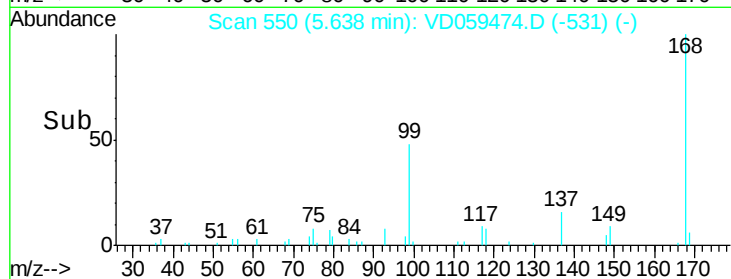
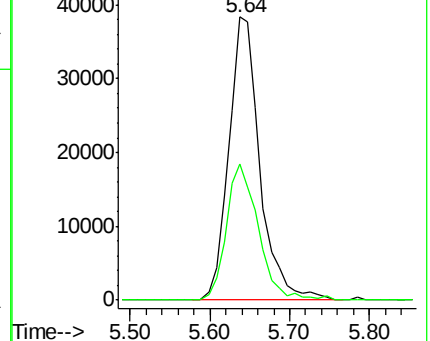
168 100

99 48.3 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 388.15 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059474.D

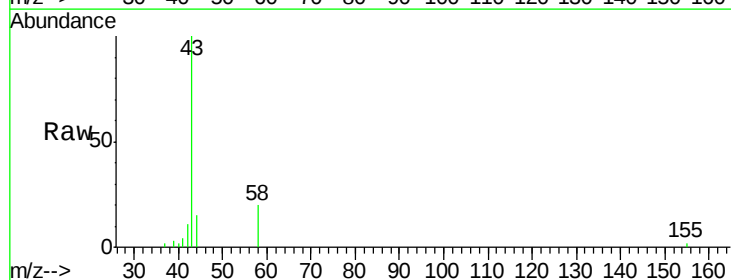
Acq: 28 Jun 2018 20:39

Tgt Ion: 43 Resp: 52478

Ion Ratio Lower Upper

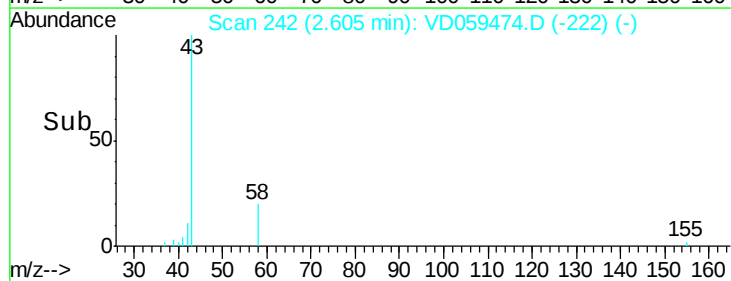
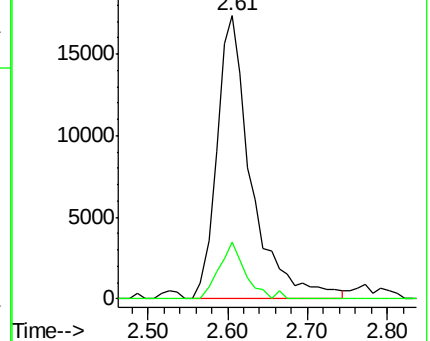
43 100

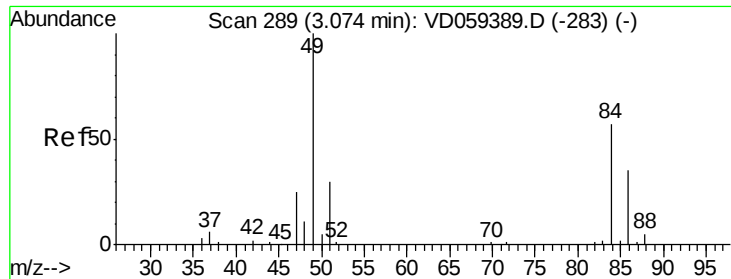
58 20.2 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

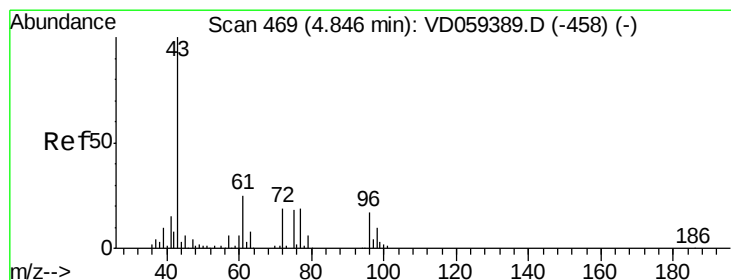
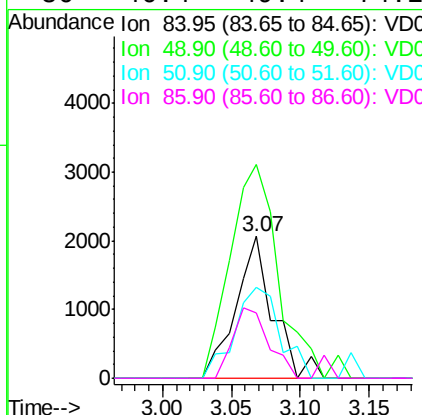
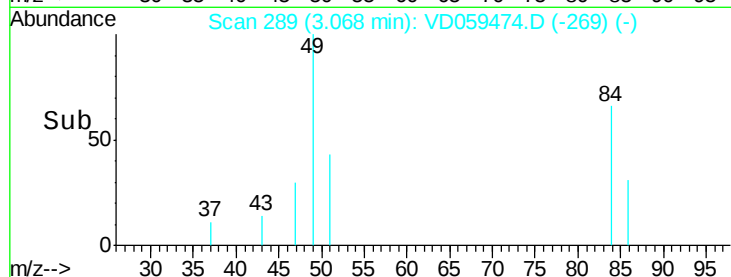
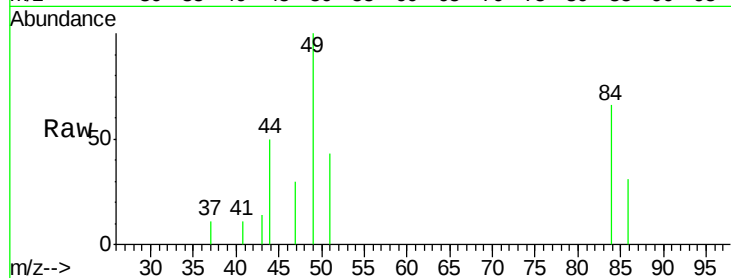




#20
Methvlene Chloride
Concen: 8.28 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD059474.D
Acq: 28 Jun 2018 20:39

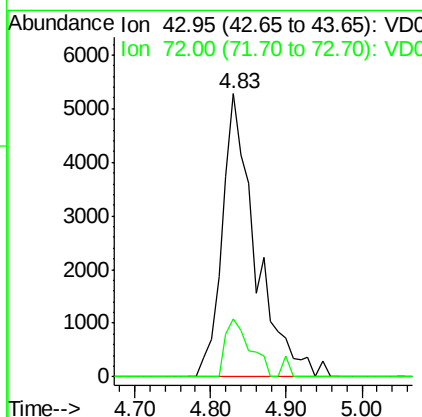
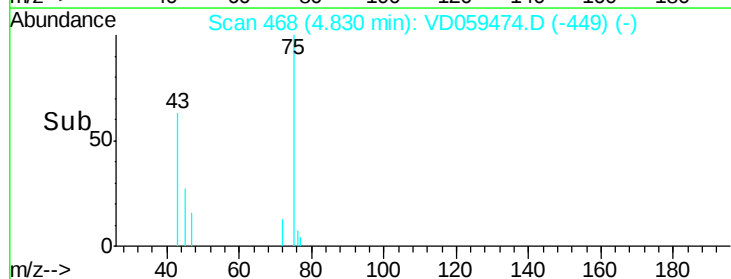
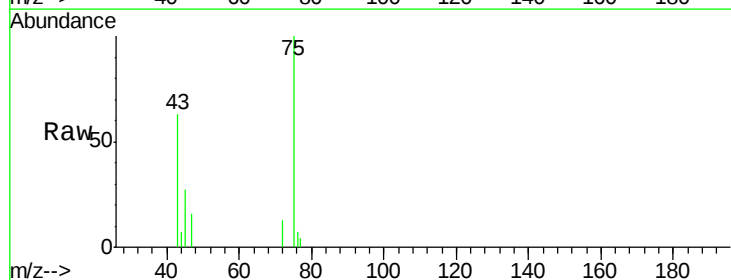
Instrument :
MSVOA_D
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147-149-B1(6-8)

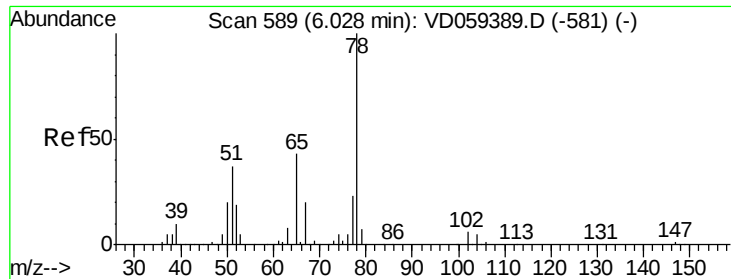
Tot Ion: 84 Resp: 3886
Ion Ratio Lower Upper
84 100
49 150.6 140.3 210.5
51 64.2 41.6 62.4#
86 46.4 49.4 74.2#



#25
2-Butanone
Concen: 57.17 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.02 min
Lab File: VD059474.D
Acq: 28 Jun 2018 20:39

Tgt Ion: 43 Resp: 16191
Ion Ratio Lower Upper
43 100
72 20.6 15.4 23.2

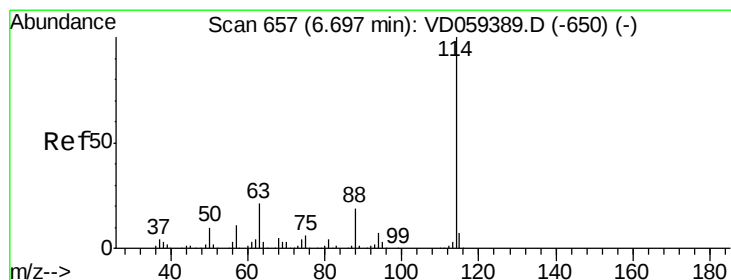
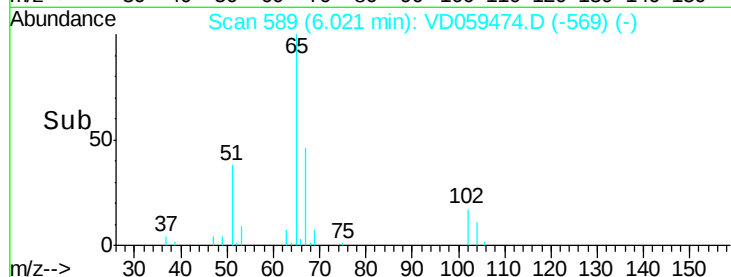
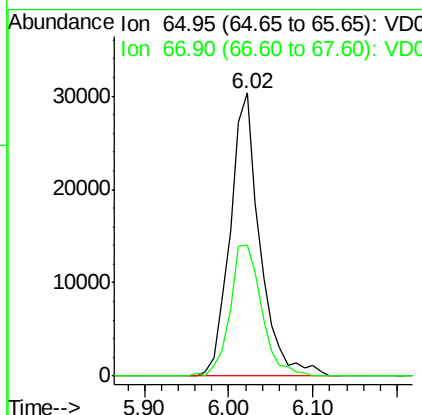
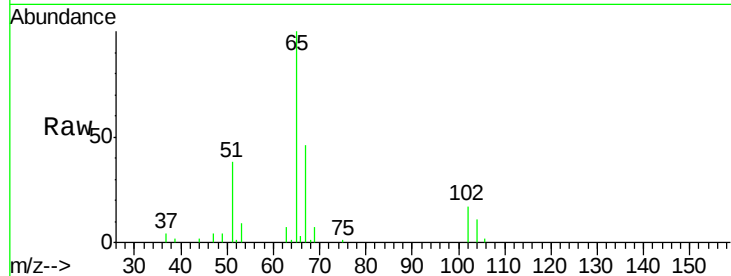




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VD059474.D
 Acq: 28 Jun 2018 20:39

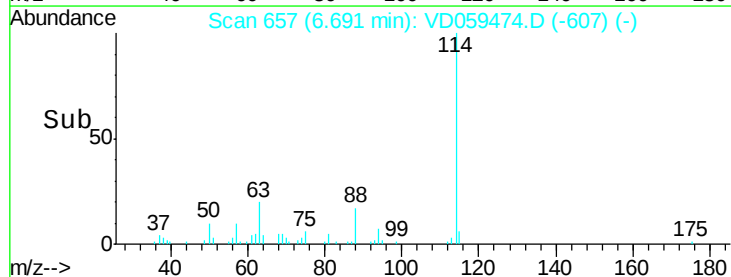
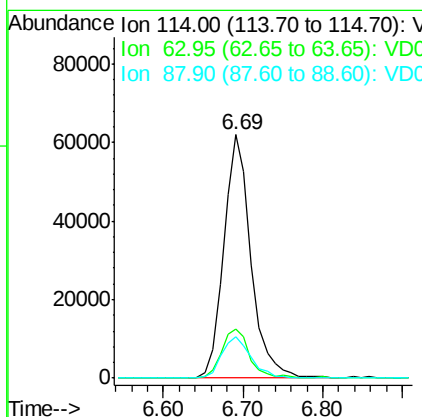
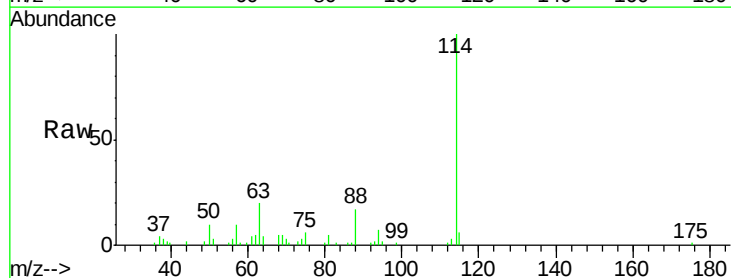
Instrument :
 MSVOA_D
 ClientSampleId :
 147-149-B1(6-8)

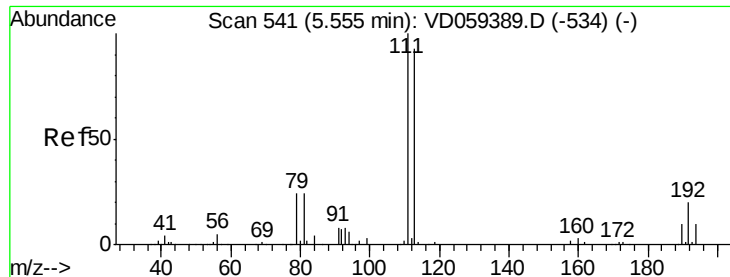
Tot Ion: 65 Resp: 74461
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059474.D
 Acq: 28 Jun 2018 20:39

Tgt Ion: 114 Resp: 148000
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 17.1 0.0 38.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD059474.D

Acq: 28 Jun 2018 20:39

Instrument :

MSVOA_D

ClientSampleId :

147-149-B1(6-8)

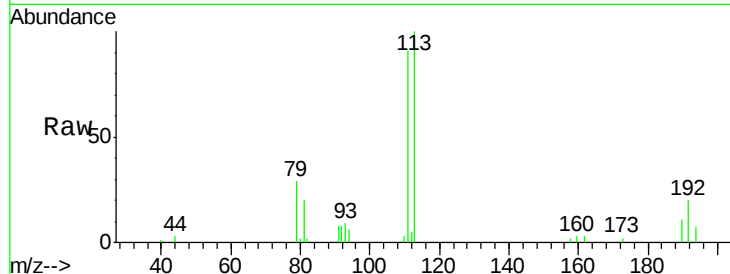
Tot Ion:113 Resp: 62415

Ion Ratio Lower Upper

113 100

111 90.6 85.7 128.5

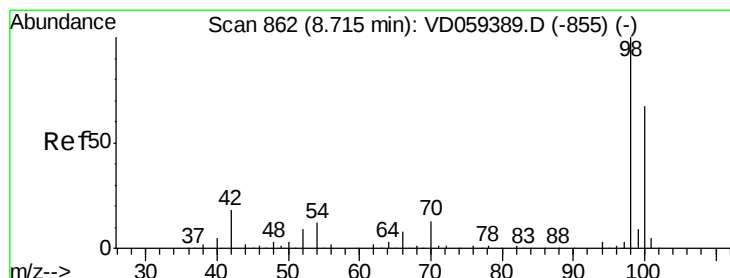
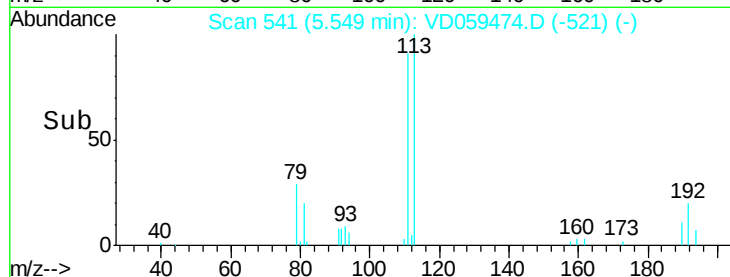
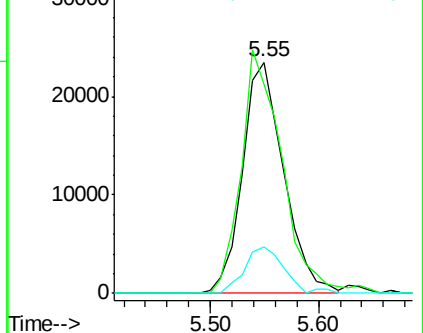
192 20.2 16.9 25.3



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: VD059474.D

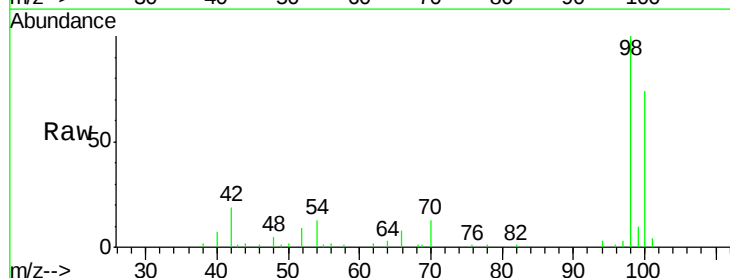
Acq: 28 Jun 2018 20:39

Tgt Ion: 98 Resp: 105557

Ion Ratio Lower Upper

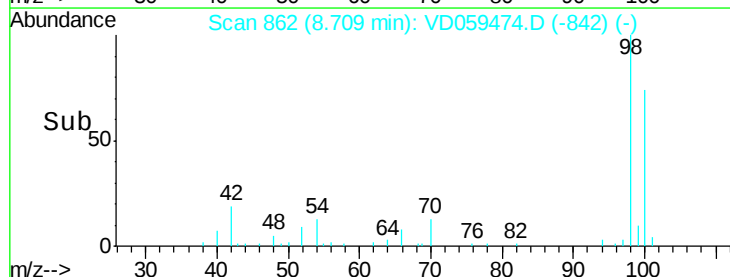
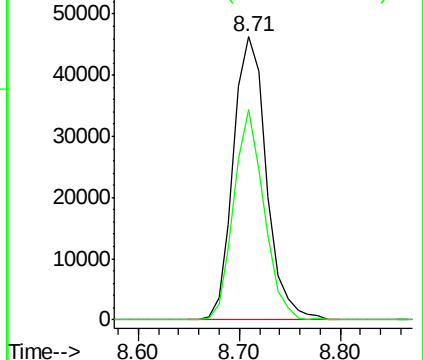
98 100

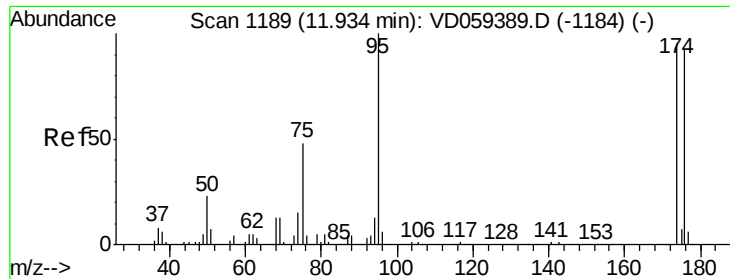
100 74.3 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

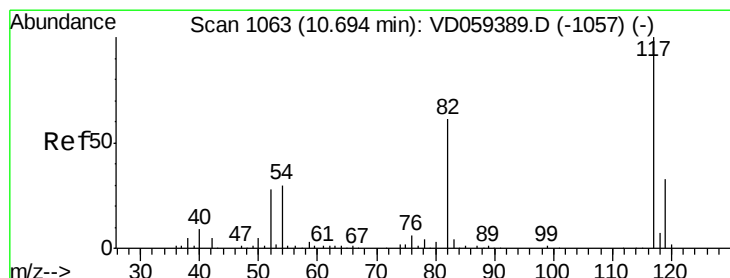
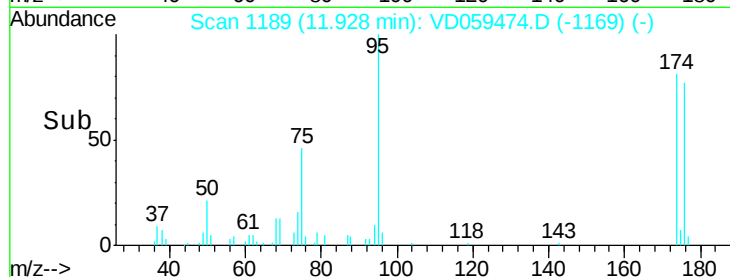
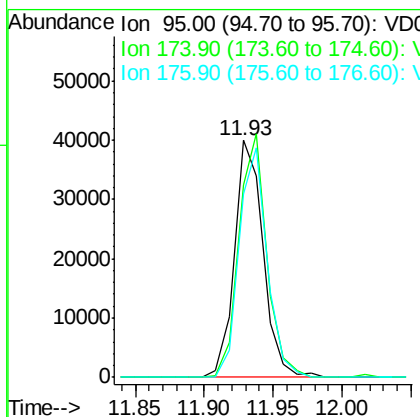
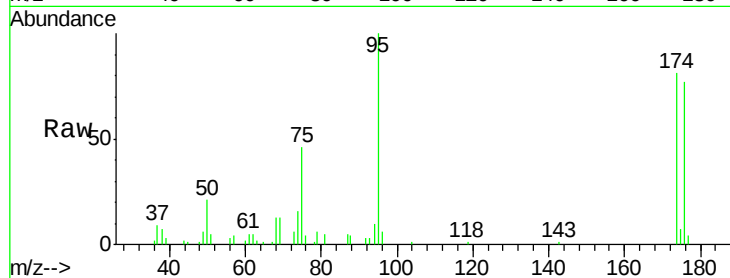




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059474.D
Acq: 28 Jun 2018 20:39

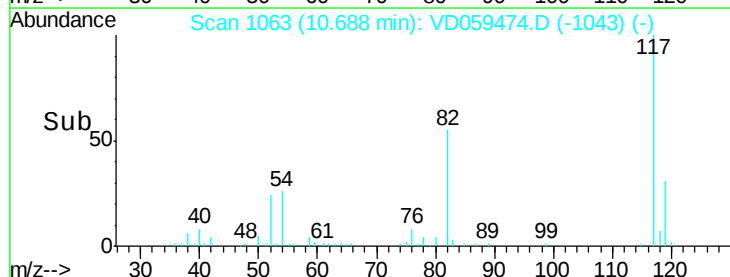
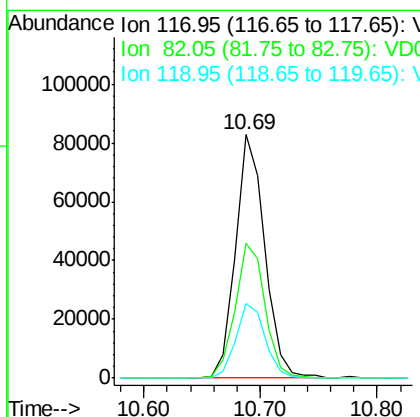
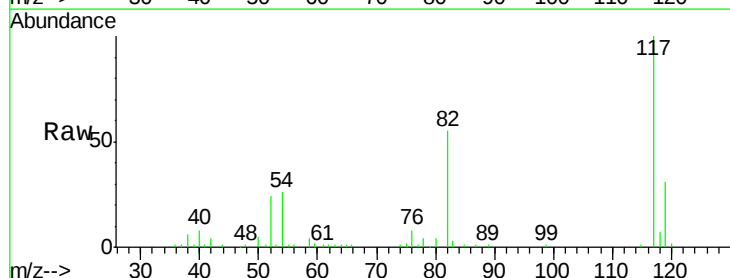
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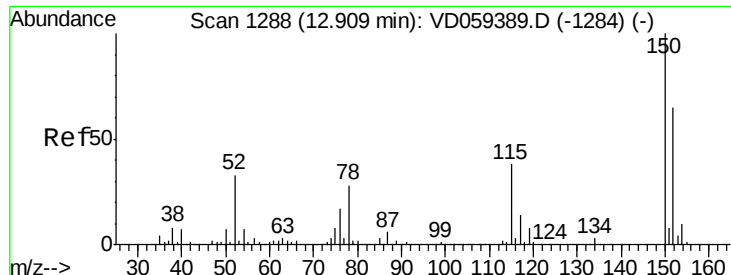
Tot Ion: 95 Resp: 57867
Ion Ratio Lower Upper
95 100
174 81.2 0.0 190.4
176 77.2 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059474.D
Acq: 28 Jun 2018 20:39

Tgt Ion: 117 Resp: 142793
Ion Ratio Lower Upper
117 100
82 55.4 49.0 73.6
119 30.7 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: VD059474.D

Acq: 28 Jun 2018 20:39

Instrument :

MSVOA_D

ClientSampleId :

147-149-B1(6-8)

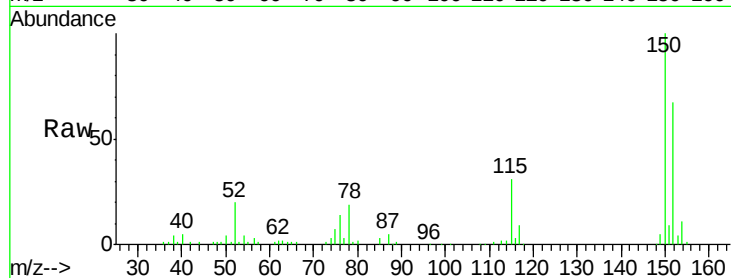
Tot Ion:152 Resp: 74201

Ion Ratio Lower Upper

152 100

115 45.8 29.4 88.3

150 149.1 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

