

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059469.D
 Acq On : 28 Jun 2018 18:17
 Operator : VA/AP
 Sample : J3629-13RE
 Misc : 5.40g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C14-01RE

Quant Time: Jun 29 02:00:24 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	515847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	675084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	462076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	135939	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	308381	58.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.92%	
35) Dibromofluoromethane	5.55	113	313543	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	
50) Toluene-d8	8.71	98	592349	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.94	95	184901	34.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.16%	

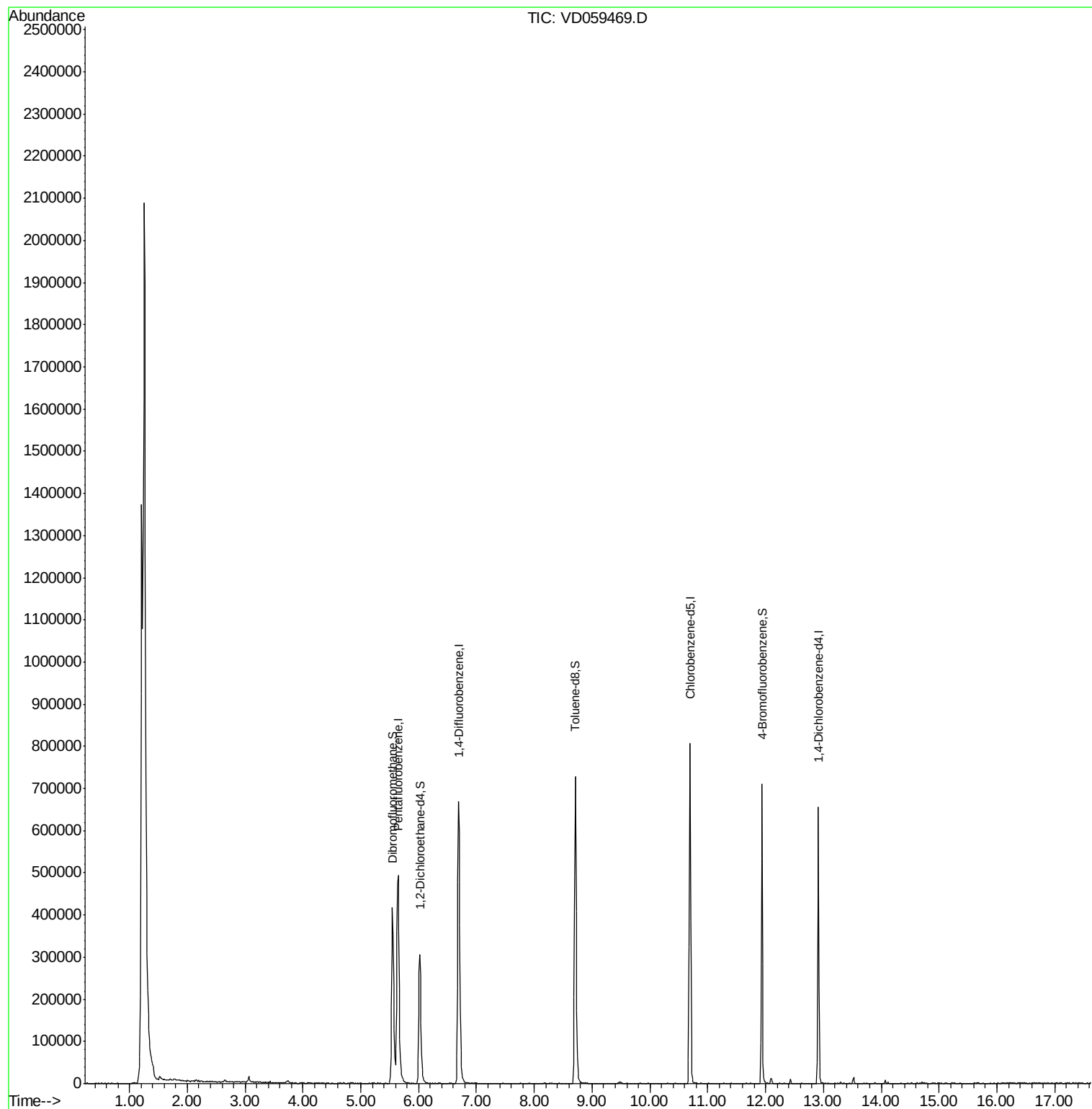
Target Compounds	Qvalue

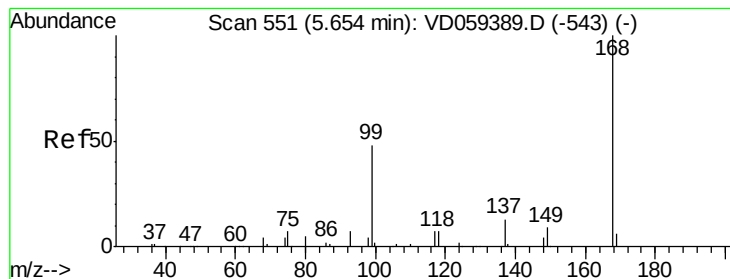
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
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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: VD059469.D

Acq: 28 Jun 2018 18:17

Instrument :

MSVOA_D

ClientSampleId :

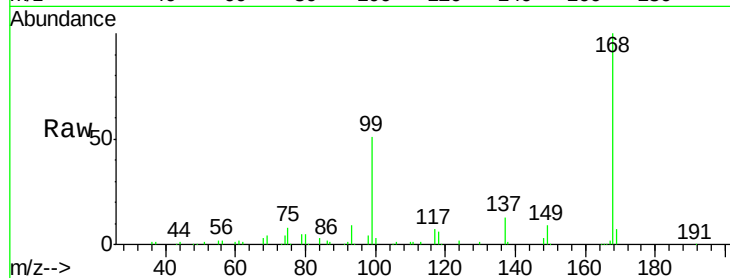
A0C14-01RE

Tot Ion:168 Resp: 515847

Ion Ratio Lower Upper

168 100

99 50.6 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

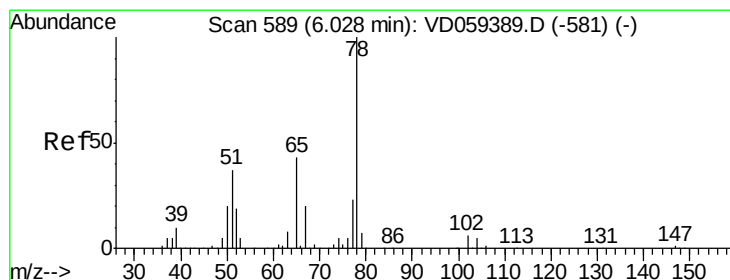
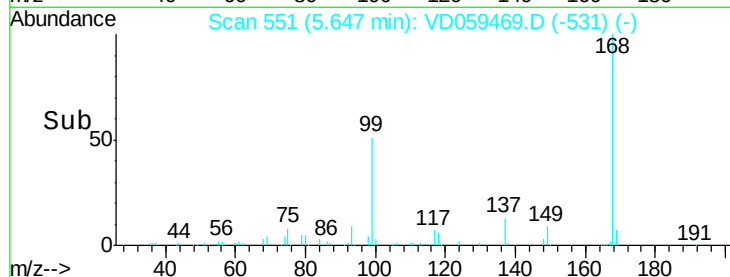
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.01 min

Lab File: VD059469.D

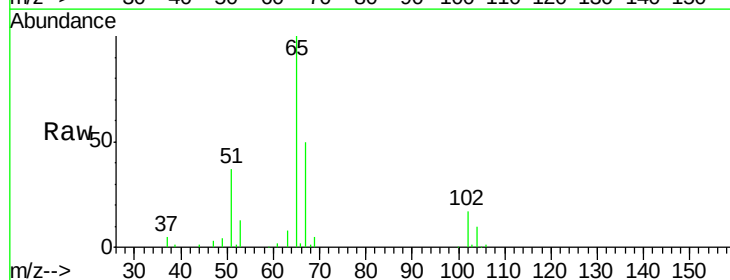
Acq: 28 Jun 2018 18:17

Tgt Ion: 65 Resp: 308381

Ion Ratio Lower Upper

65 100

67 49.9 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

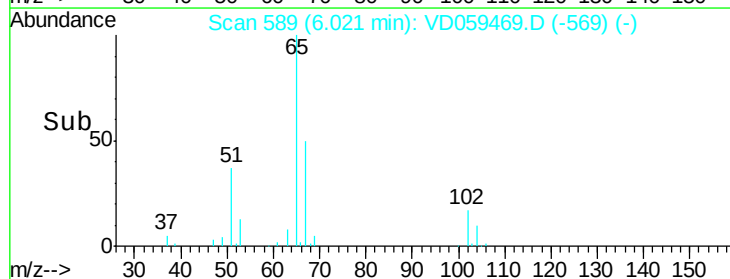
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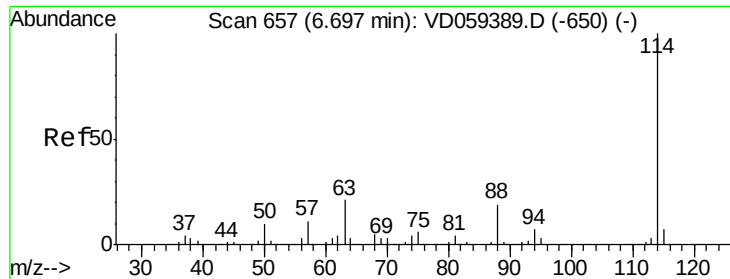
50000

0

Time-->

5.90 6.00 6.10 6.20

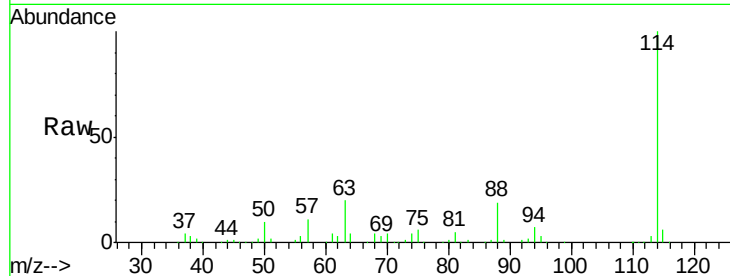




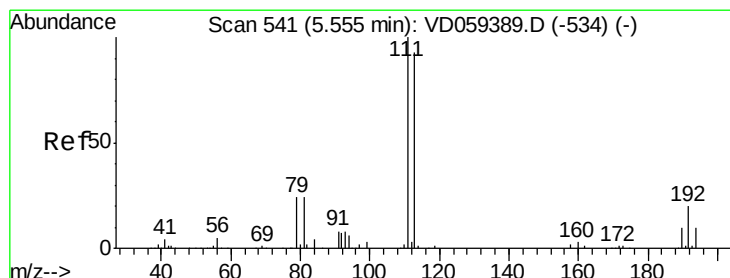
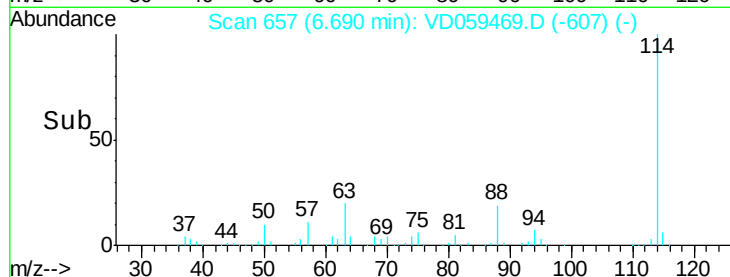
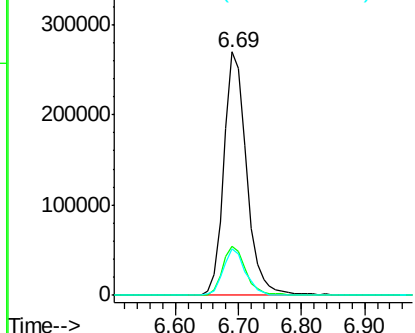
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD059469.D
Acq: 28 Jun 2018 18:17

Instrument :
MSVOA_D
ClientSampleId :
A0C14-01RE

Tot Ion:114 Resp: 675084
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 19.3 0.0 38.0

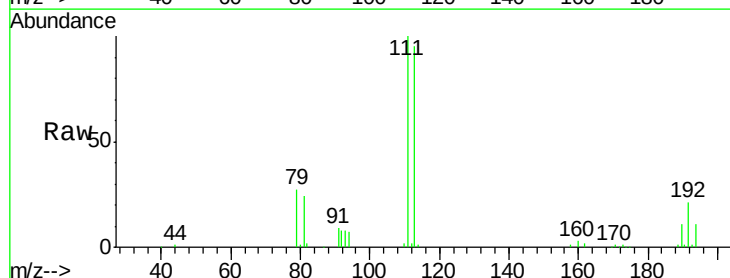


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

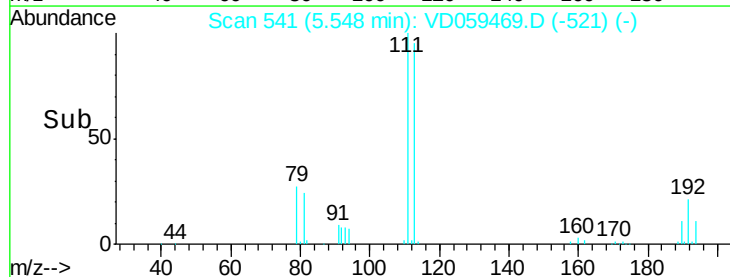
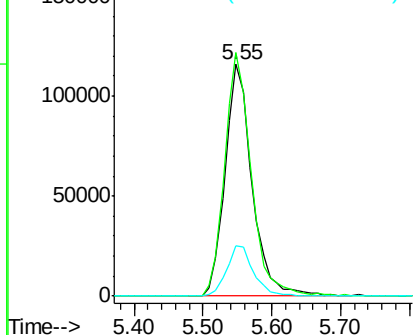


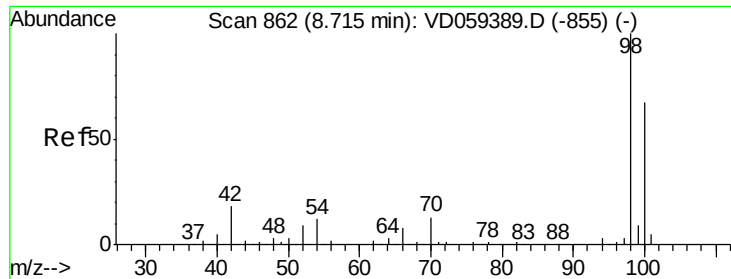
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD059469.D
Acq: 28 Jun 2018 18:17

Tgt Ion:113 Resp: 313543
Ion Ratio Lower Upper
113 100
111 105.2 85.7 128.5
192 21.7 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: VD059469.D

Acq: 28 Jun 2018 18:17

Instrument :

MSVOA_D

ClientSampleId :

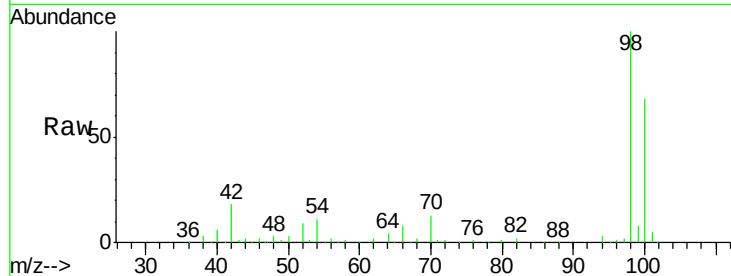
A0C14-01RE

Tot Ion: 98 Resp: 592349

Ion Ratio Lower Upper

98 100

100 68.1 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.71

250000

200000

150000

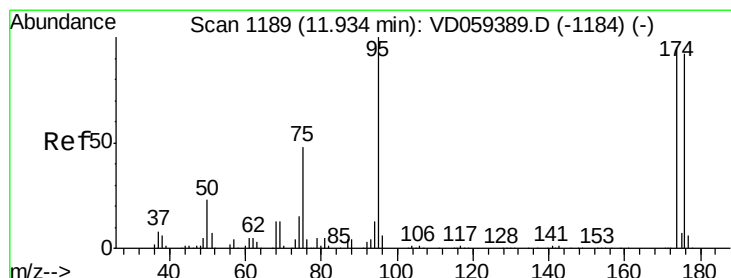
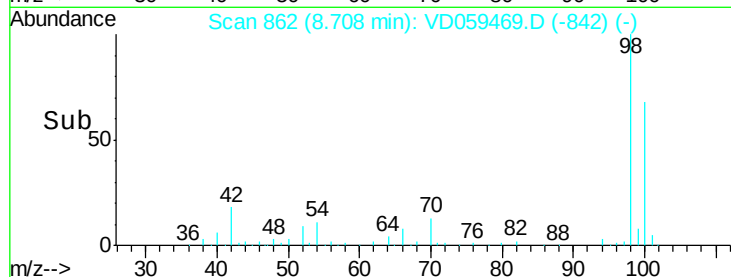
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VD059469.D

Acq: 28 Jun 2018 18:17

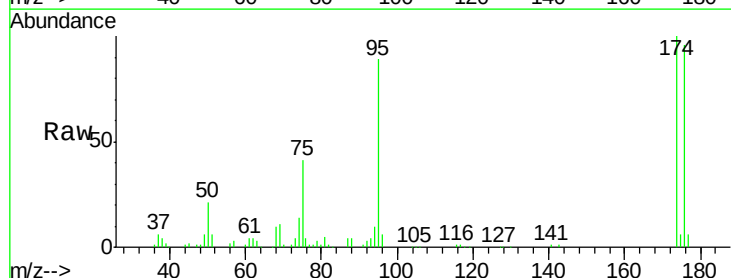
Tgt Ion: 95 Resp: 184901

Ion Ratio Lower Upper

95 100

174 112.8 0.0 190.4

176 107.9 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

11.94

200000

150000

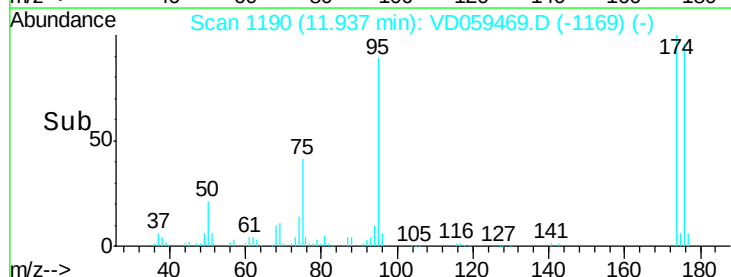
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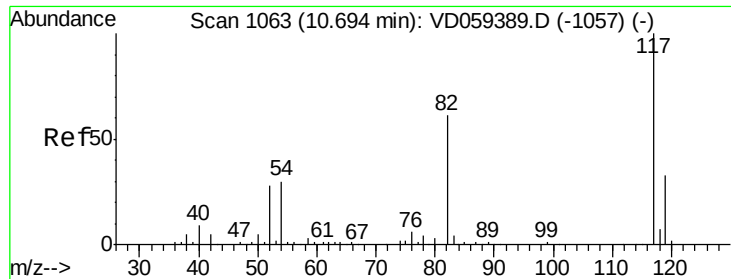
50000

0

Time-->

11.90 12.00

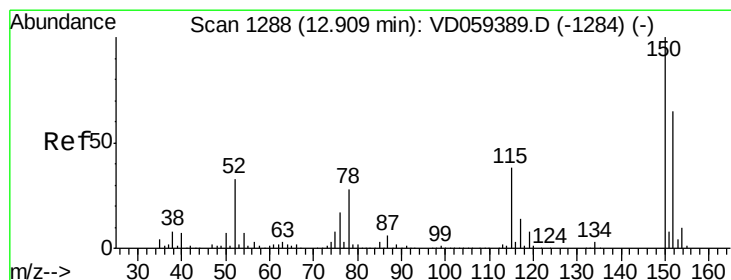
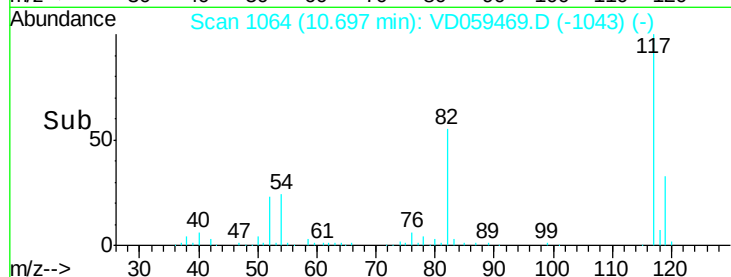
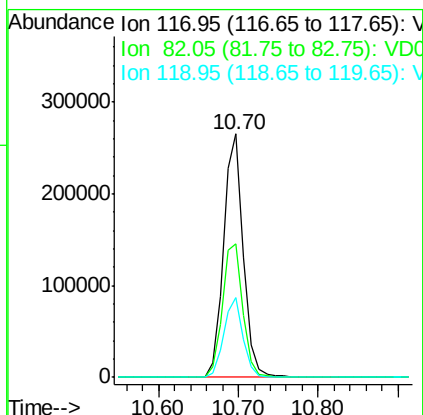
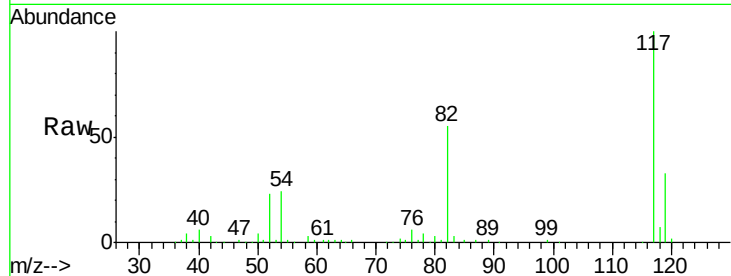




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059469.D
Acq: 28 Jun 2018 18:17

Instrument :
MSVOA_D
ClientSampleId :
A0C14-01RE

Tot Ion:117 Resp: 462076
Ion Ratio Lower Upper
117 100
82 54.6 49.0 73.6
119 32.9 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: VD059469.D
Acq: 28 Jun 2018 18:17

Tgt Ion:152 Resp: 135939
Ion Ratio Lower Upper
152 100
115 50.2 29.4 88.3
150 162.0 0.0 308.2

