

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072718\
 Data File : VD059621.D
 Acq On : 27 Jul 2018 19:51
 Operator : VA/AP
 Sample : J4113-02
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC066-S-180720

Quant Time: Jul 28 01:51:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	37842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	53871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	47809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	24577	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	40046	84.18	ug/l	0.00
Spiked Amount						
			Recovery	=	168.36%	
35) Dibromofluoromethane	5.52	113	28385	61.42	ug/l	0.00
Spiked Amount						
			Recovery	=	122.84%	
50) Toluene-d8	8.68	98	51729	49.35	ug/l	0.00
Spiked Amount						
			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.92	95	25756	54.55	ug/l	0.00
Spiked Amount						
			Recovery	=	109.10%	

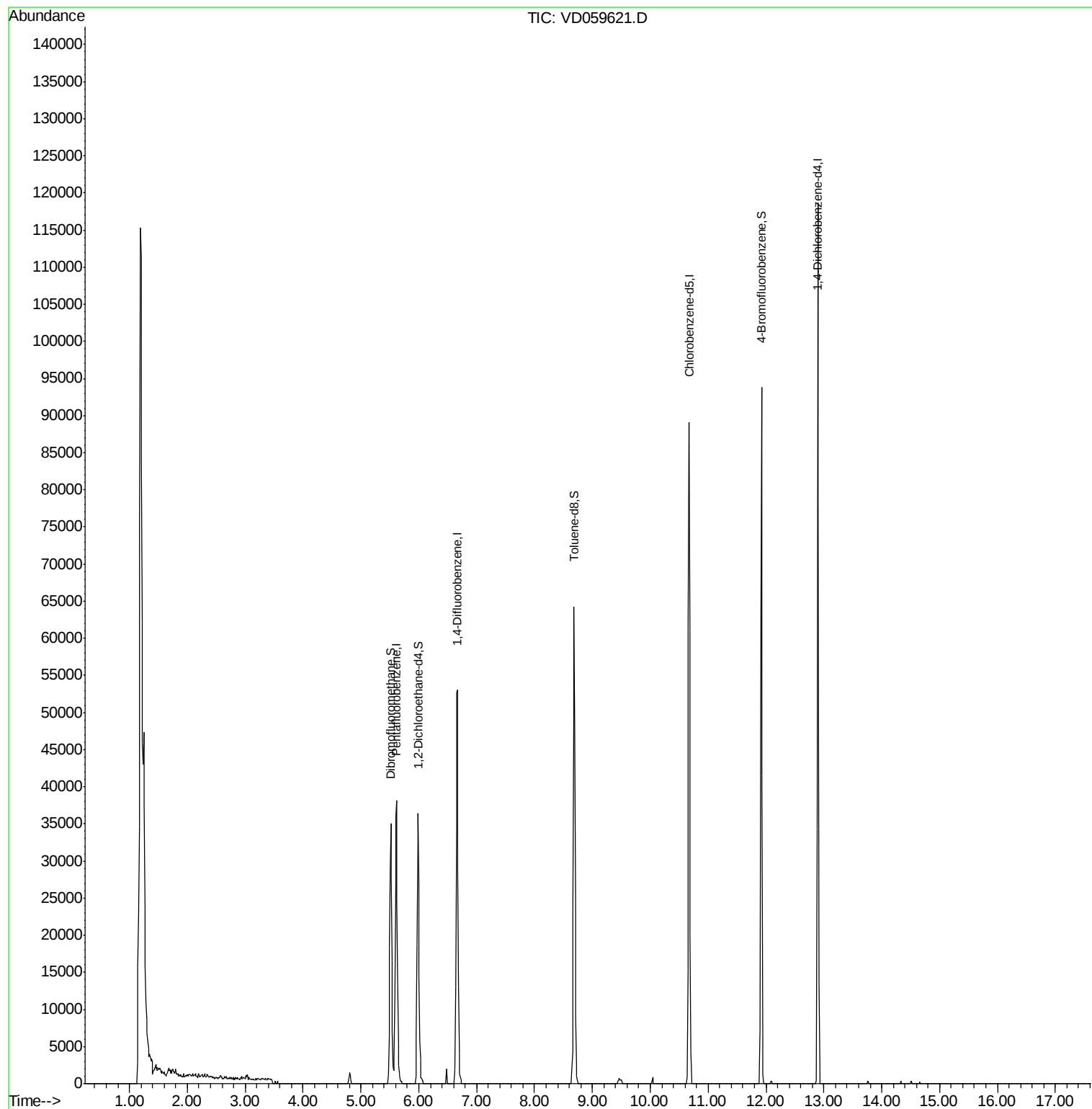
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 548

Delta R.T. 0.01 min

Lab File: VD059621.D

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Instrument :

MSVOA_D

ClientSampleId :

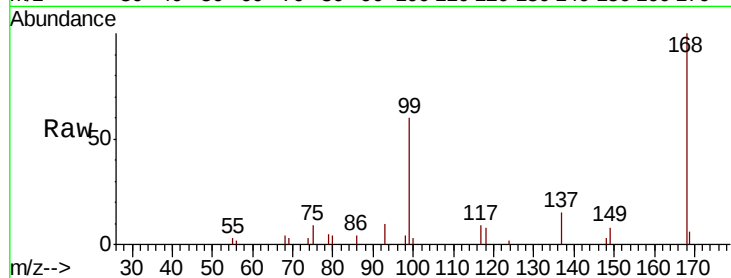
KY030LC066-S-180720

Tot Ion:168 Resp: 37842

Ion Ratio Lower Upper

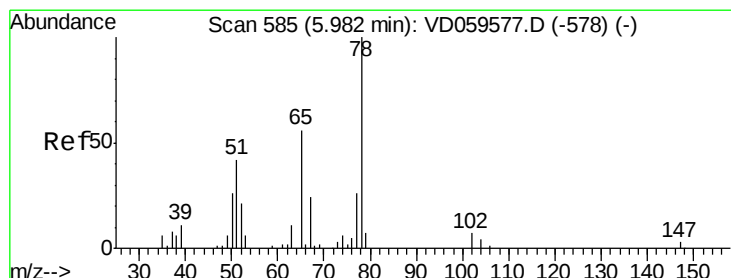
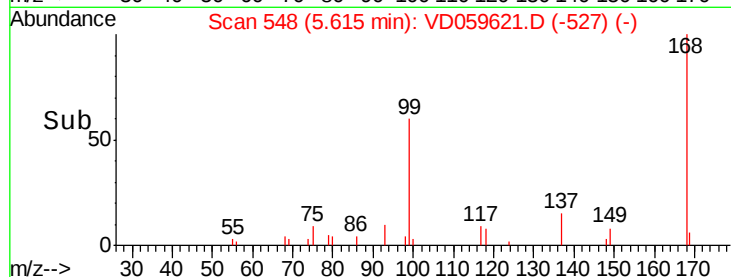
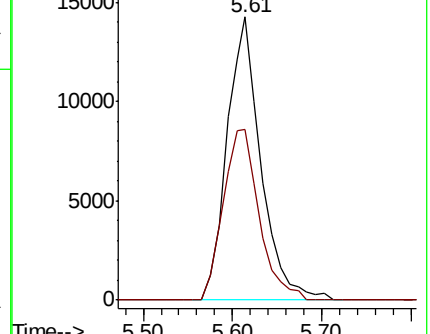
168 100

99 60.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.99 min Scan# 586

Delta R.T. 0.01 min

Lab File: VD059621.D

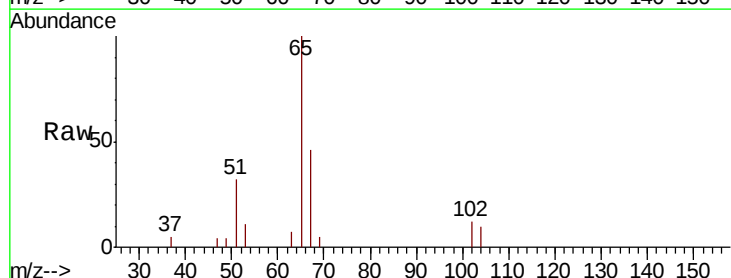
Acq: 27 Jul 2018 19:51

Tgt Ion: 65 Resp: 40046

Ion Ratio Lower Upper

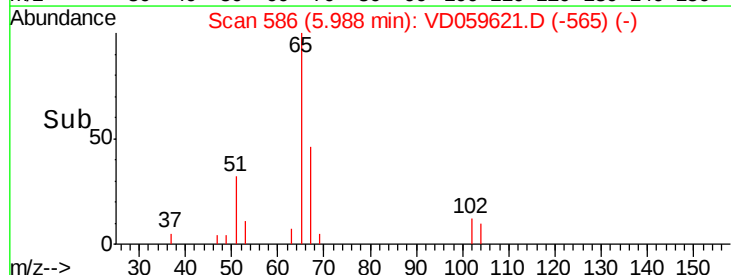
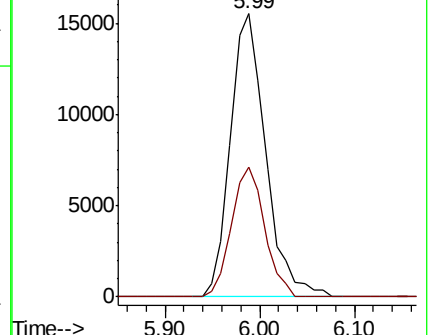
65 100

67 45.7 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

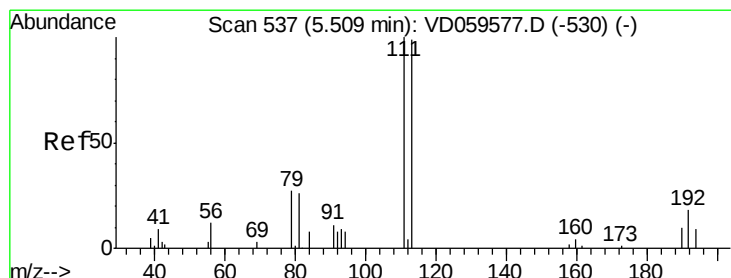
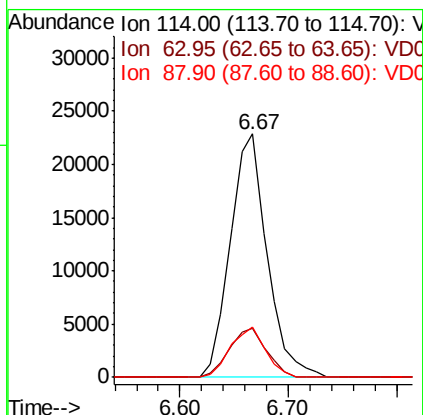
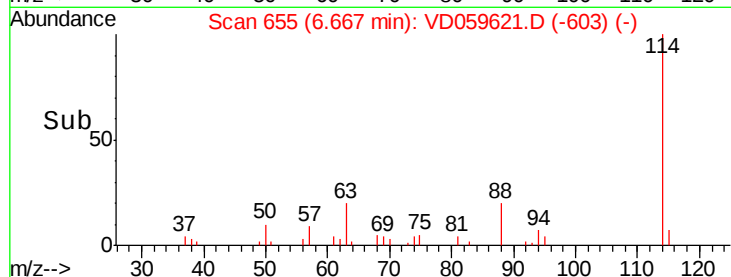
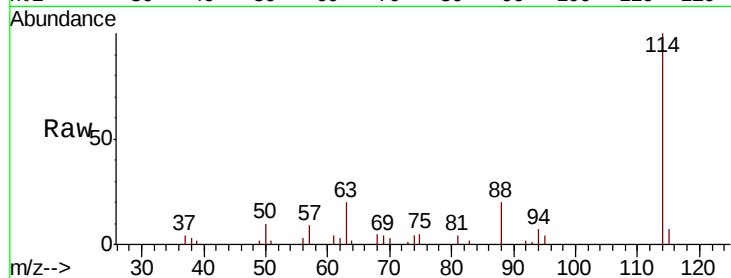




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059621.D
 Acq: 27 Jul 2018 19:51

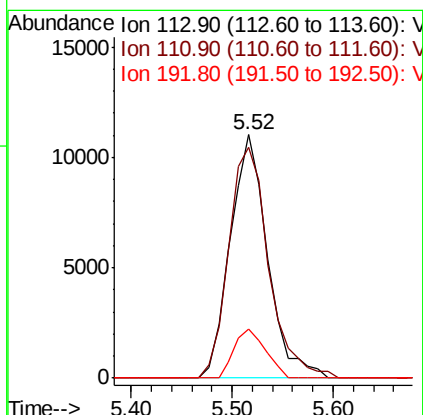
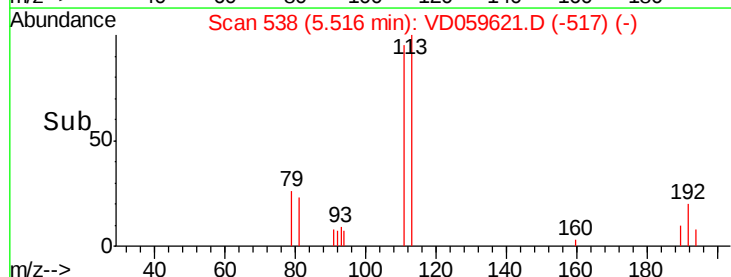
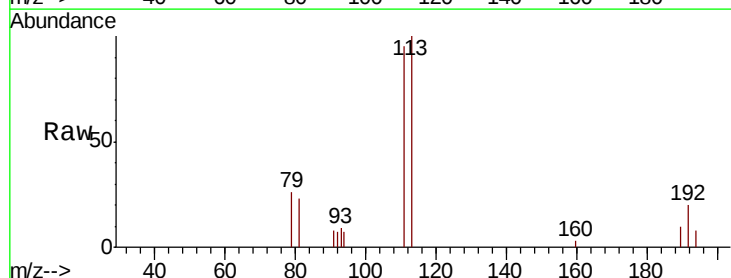
Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC066-S-180720

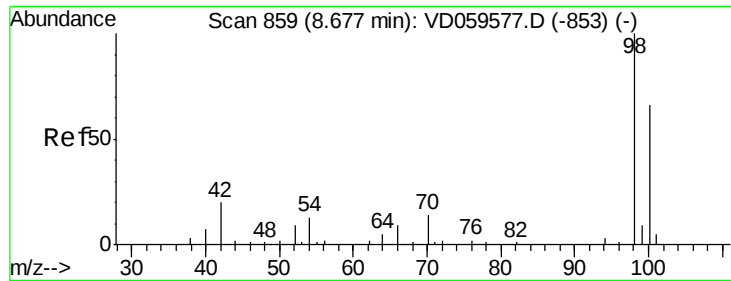
Tot Ion:114 Resp: 53871
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.8
 88 20.5 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VD059621.D
 Acq: 27 Jul 2018 19:51

Tgt Ion:113 Resp: 28385
 Ion Ratio Lower Upper
 113 100
 111 94.8 80.5 120.7
 192 20.4 14.5 21.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.68 min Scan# 860

Delta R.T. 0.01 min

Lab File: VD059621.D

Acq: 27 Jul 2018 19:51

Instrument :

MSVOA_D

ClientSampleId :

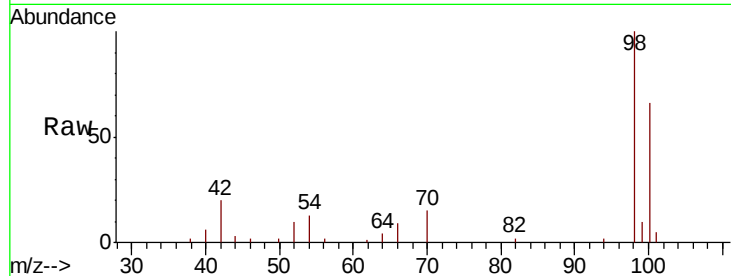
KY030LC066-S-180720

Tot Ion: 98 Resp: 51729

Ion Ratio Lower Upper

98 100

100 65.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD

8.68

25000

20000

15000

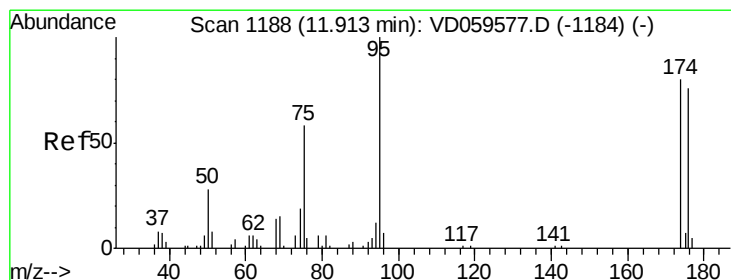
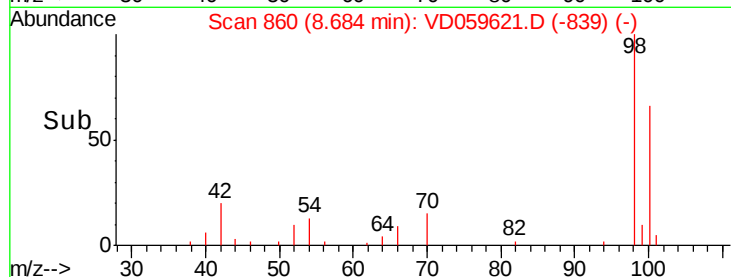
10000

5000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059621.D

Acq: 27 Jul 2018 19:51

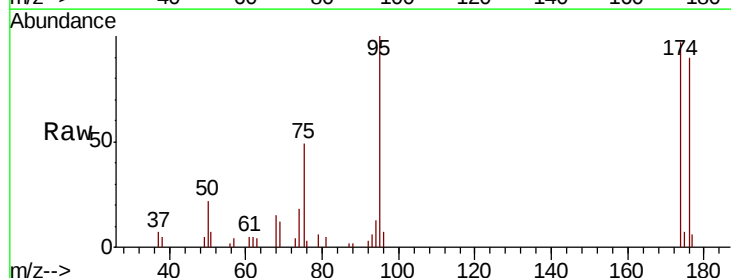
Tgt Ion: 95 Resp: 25756

Ion Ratio Lower Upper

95 100

174 96.7 0.0 160.6

176 89.6 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

25000

20000

15000

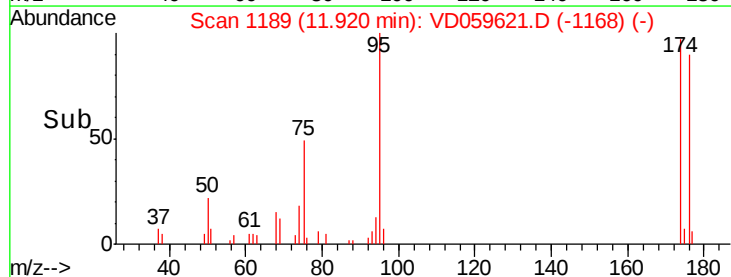
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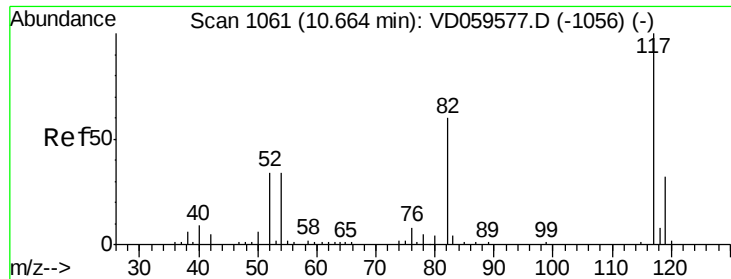
5000

0

11.85 11.90 11.95

Time-->

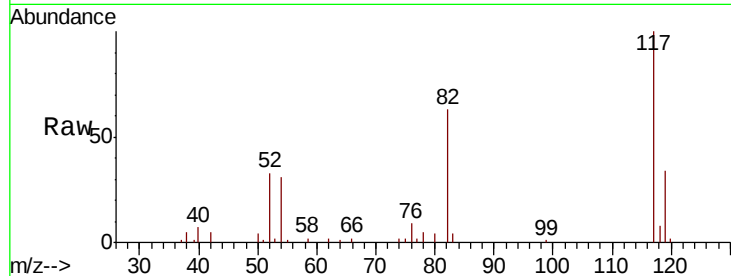




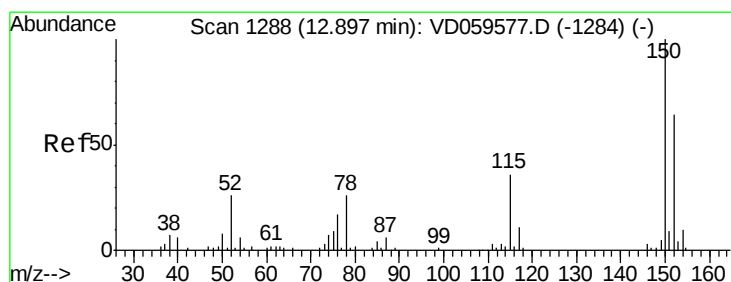
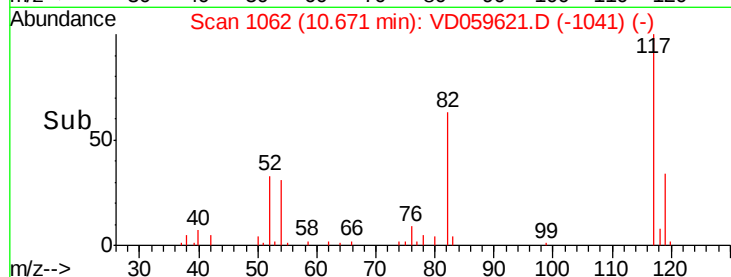
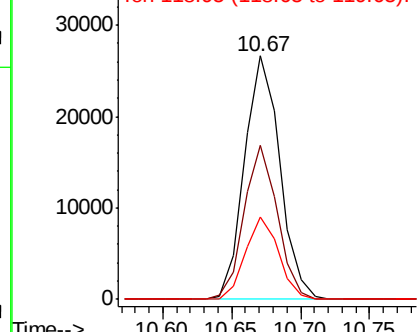
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

Instrument :
MSVOA_D
ClientSampleId :
KY030LC066-S-180720

Tot Ion:117 Resp: 47809
Ion Ratio Lower Upper
117 100
82 63.0 48.2 72.2
119 33.8 25.4 38.2

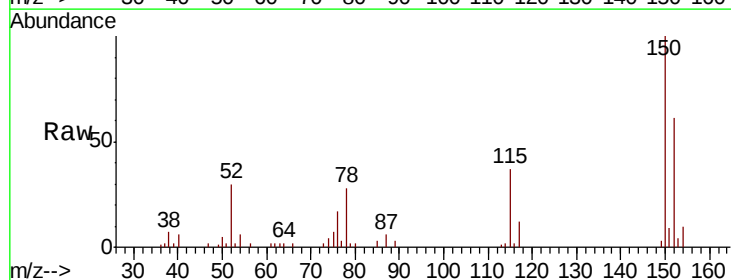


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.89 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

Tgt Ion:152 Resp: 24577
Ion Ratio Lower Upper
152 100
115 60.6 29.5 88.6
150 164.8 0.0 314.4



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

