

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059594.D
 Acq On : 25 Jul 2018 17:31
 Operator : VA/AP
 Sample : J4026-02RE
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC051-S-180716RE

Quant Time: Jul 26 04:29:24 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	5.62	168	17097	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	24199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	23355	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	13432	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	18895	87.91	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	175.82%	
35) Dibromofluoromethane	5.52	113	12843	61.87	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	123.74%	
50) Toluene-d8	8.69	98	25643	54.46	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	108.92%	
62) 4-Bromofluorobenzene	11.92	95	12923	60.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.86%	

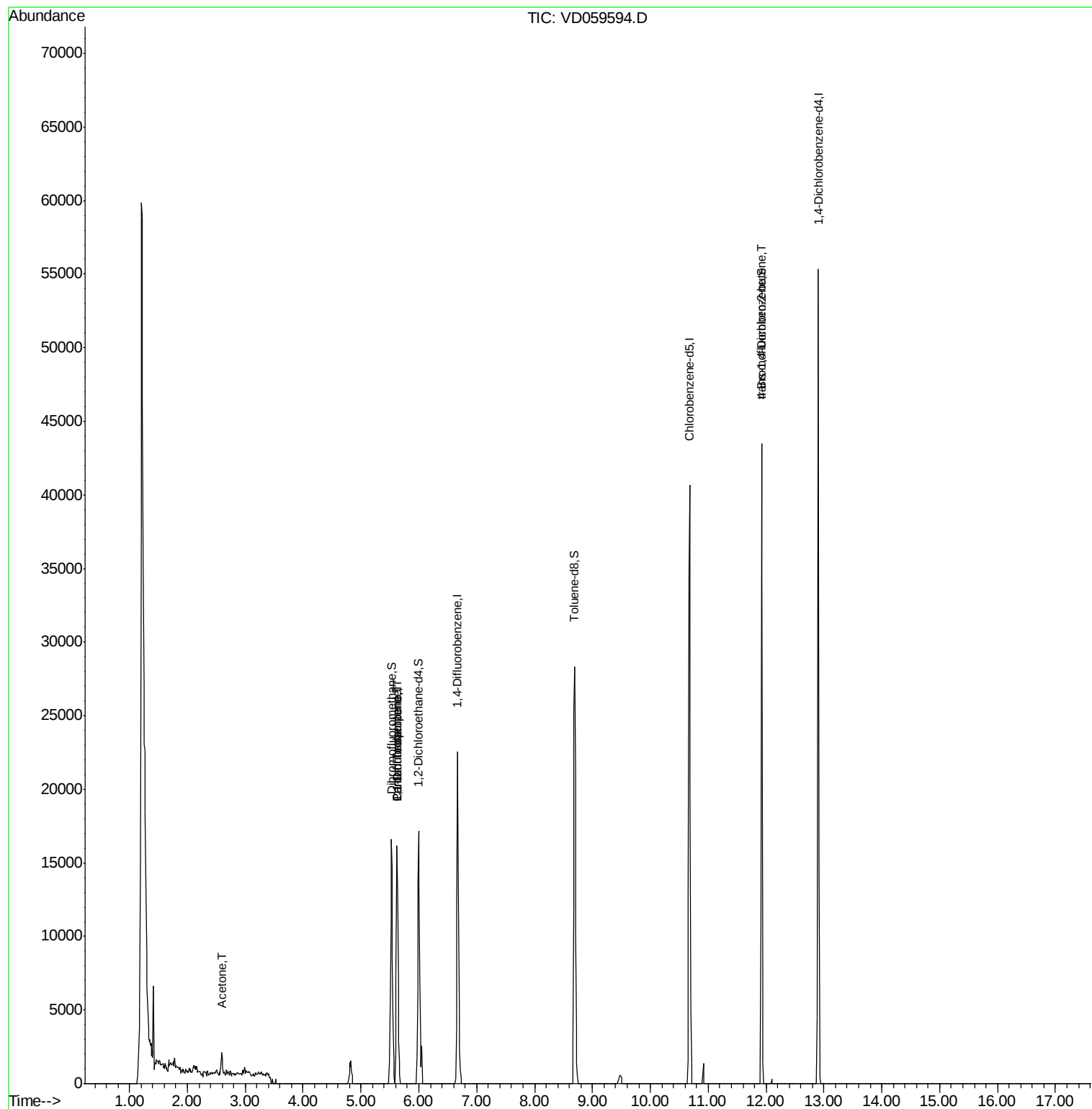
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	2818	86.82	ug/l #	61
36) 1,1-Dichloropropene	5.62	75	990	4.08	ug/l #	43
38) Carbon Tetrachloride	5.61	117	1297	3.90	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	6333	111.51	ug/l #	1

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 549

Delta R.T. 0.02 min

Lab File: VD059594.D

Acq: 25 Jul 2018 17:31

Instrument :

MSVOA_D

ClientSampleId :

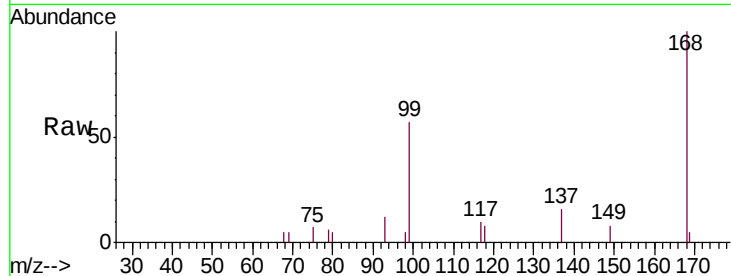
KY030LC051-S-180716RE

Tot Ion:168 Resp: 17097

Ion Ratio Lower Upper

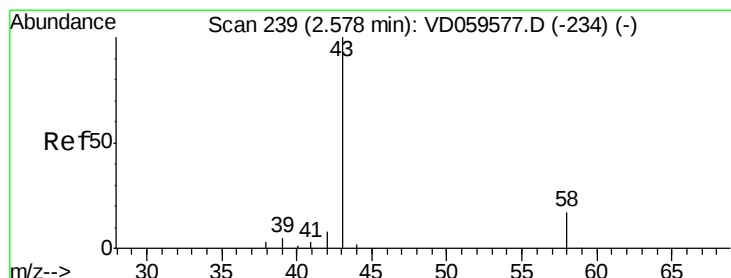
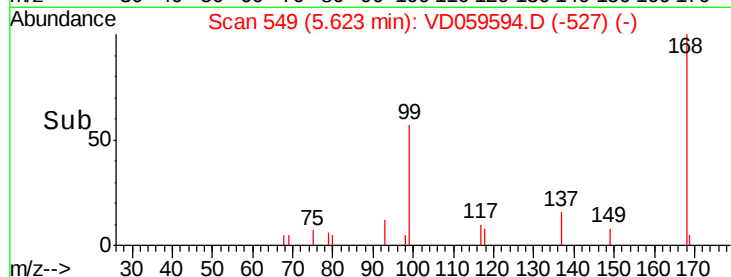
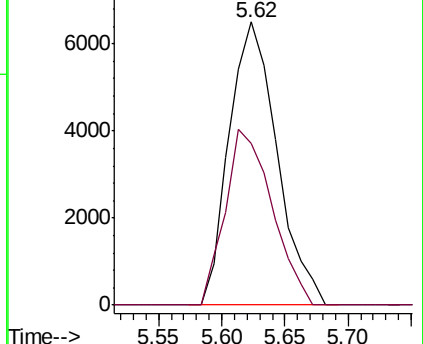
168 100

99 57.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 86.82 ug/l

RT: 2.59 min Scan# 241

Delta R.T. 0.02 min

Lab File: VD059594.D

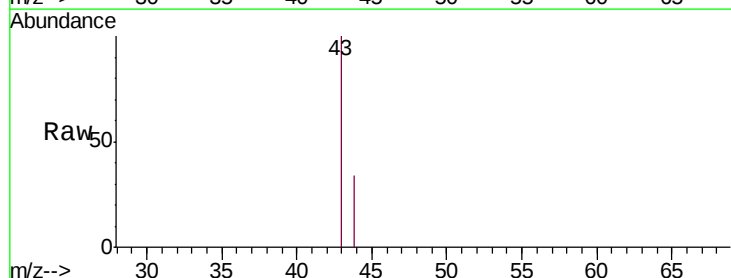
Acq: 25 Jul 2018 17:31

Tgt Ion: 43 Resp: 2818

Ion Ratio Lower Upper

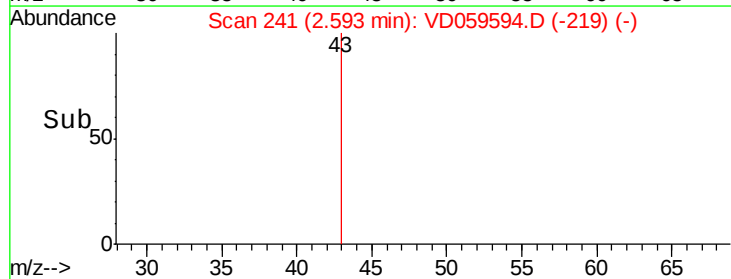
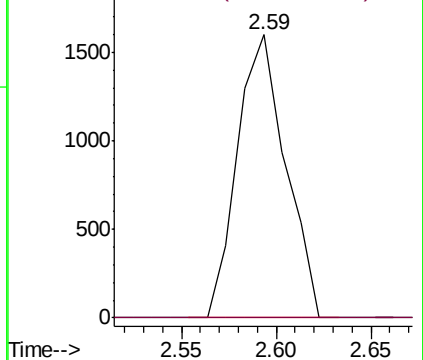
43 100

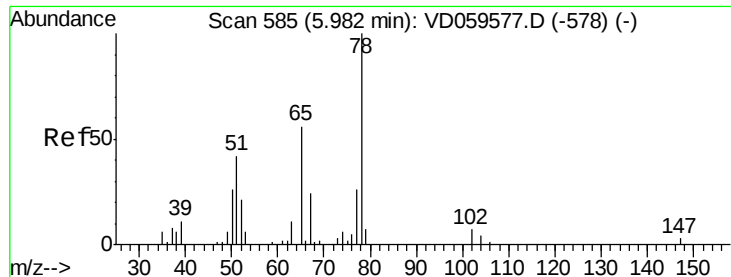
58 0.0 13.4 20.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD059594.D

Acq: 25 Jul 2018 17:31

Instrument :

MSVOA_D

ClientSampleId :

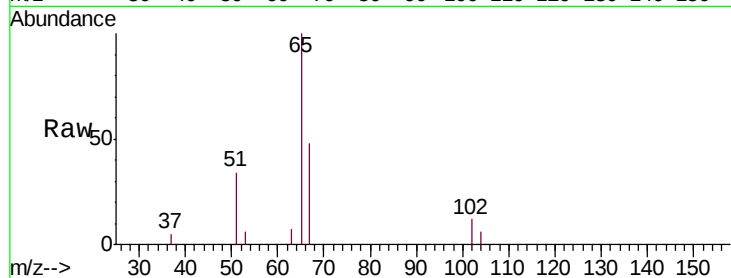
KY030LC051-S-180716RE

Tot Ion: 65 Resp: 18895

Ion Ratio Lower Upper

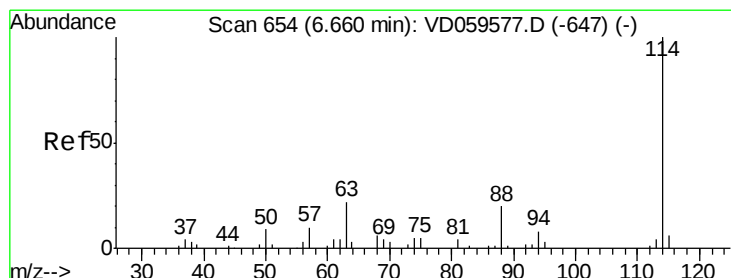
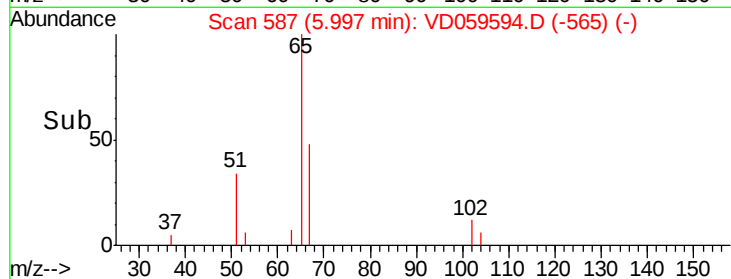
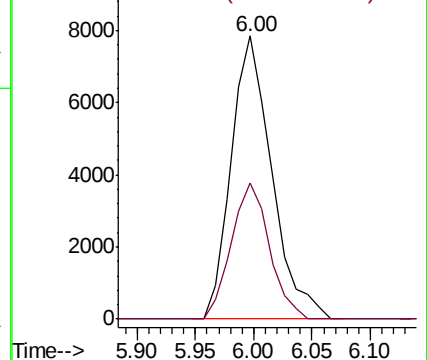
65 100

67 48.1 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: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. 0.01 min

Lab File: VD059594.D

Acq: 25 Jul 2018 17:31

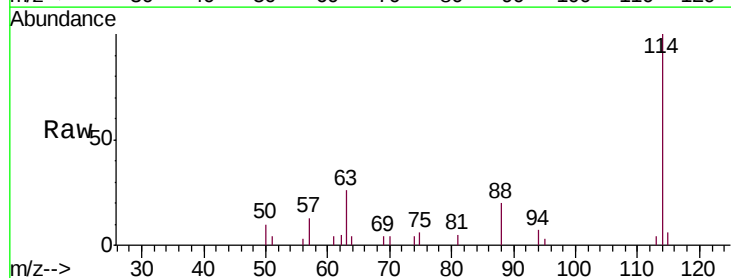
Tgt Ion: 114 Resp: 24199

Ion Ratio Lower Upper

114 100

63 26.4 0.0 43.8

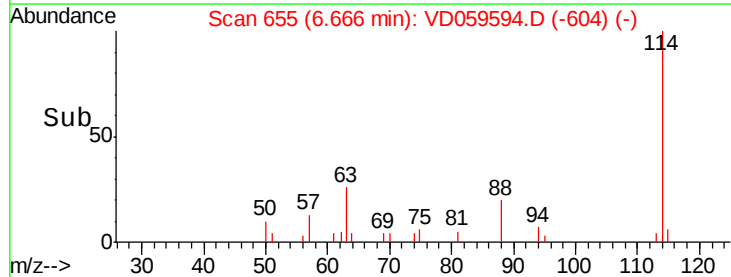
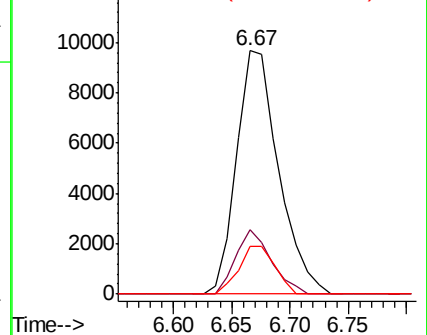
88 19.9 0.0 39.0

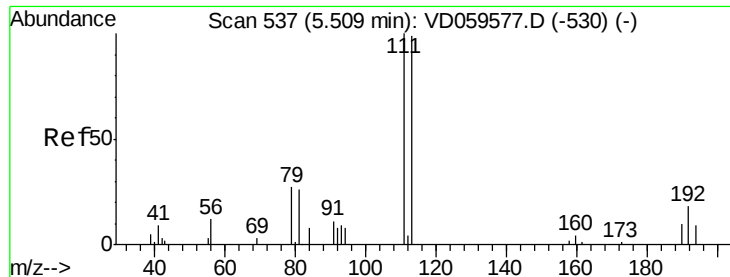


Abundance Ion 114.00 (113.70 to 114.70): VDC

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: 5.52 min Scan# 539

Delta R.T. 0.02 min

Lab File: VD059594.D

Acq: 25 Jul 2018 17:31

Instrument :

MSVOA_D

ClientSampleId :

KY030LC051-S-180716RE

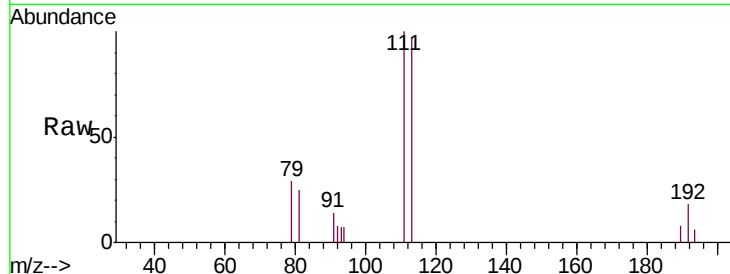
Tot Ion:113 Resp: 12843

Ion Ratio Lower Upper

113 100

111 102.7 80.5 120.7

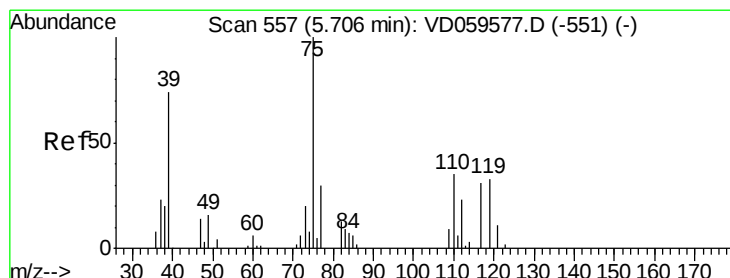
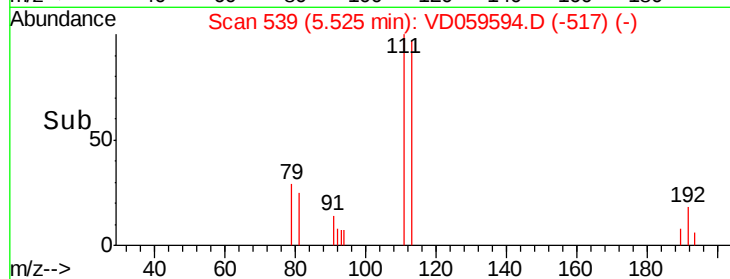
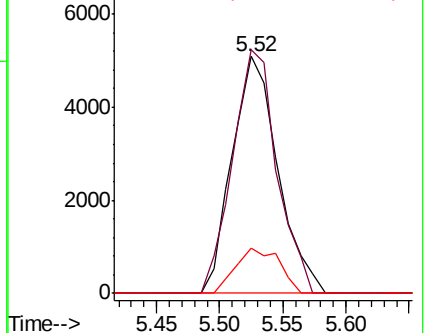
192 18.8 14.5 21.7



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



#36

1,1-Dichloropropene

Concen: 4.08 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.08 min

Lab File: VD059594.D

Acq: 25 Jul 2018 17:31

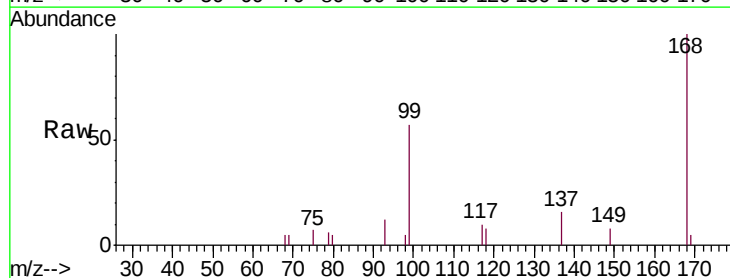
Tgt Ion: 75 Resp: 990

Ion Ratio Lower Upper

75 100

110 0.0 17.0 50.9#

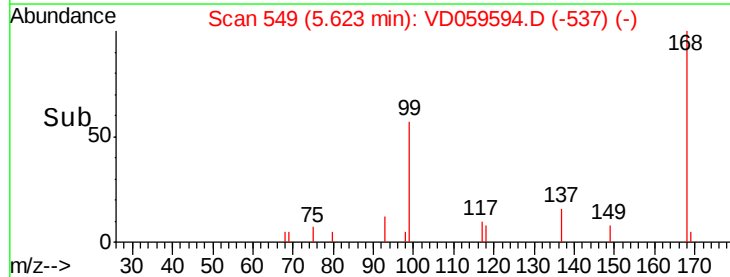
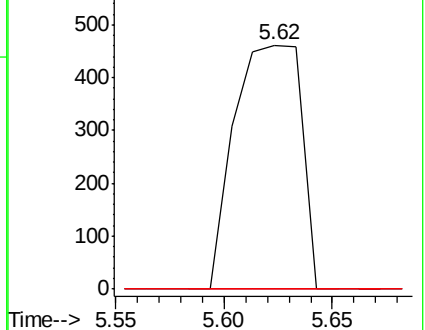
77 0.0 23.6 35.4#

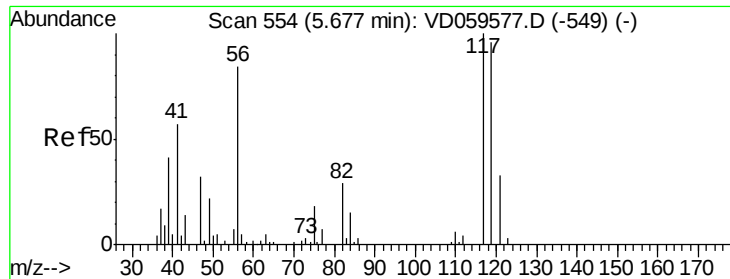


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

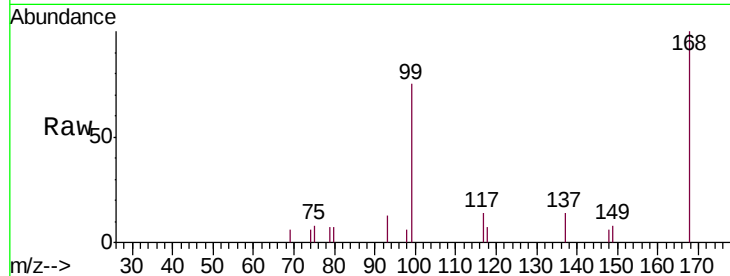




#38
Carbon Tetrachloride
Concen: 3.90 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.06 min
Lab File: VD059594.D
Acq: 25 Jul 2018 17:31

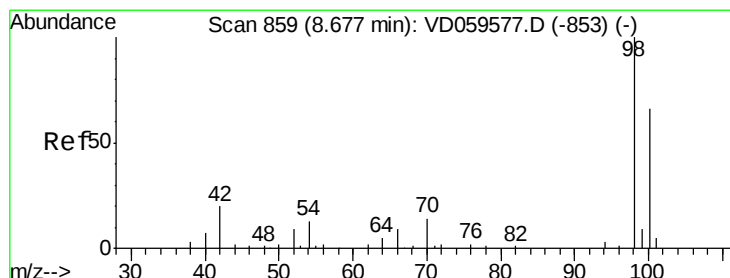
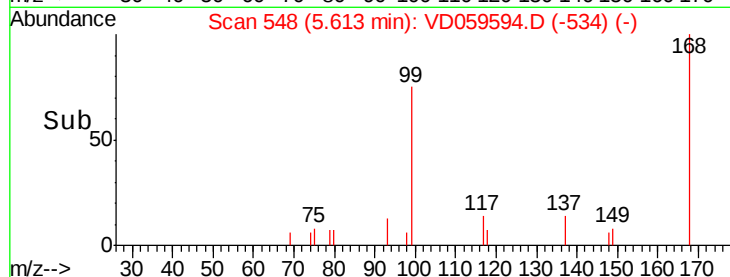
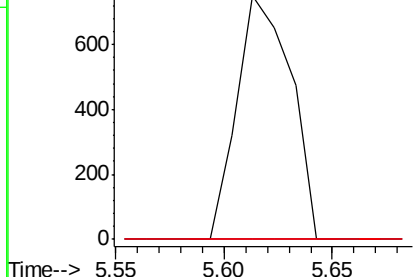
Instrument :
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KY030LC051-S-180716RE

Tot Ion:117 Resp: 1297
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.0 37.6#



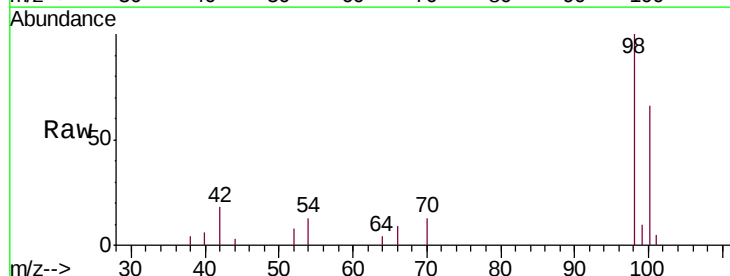
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

5.61



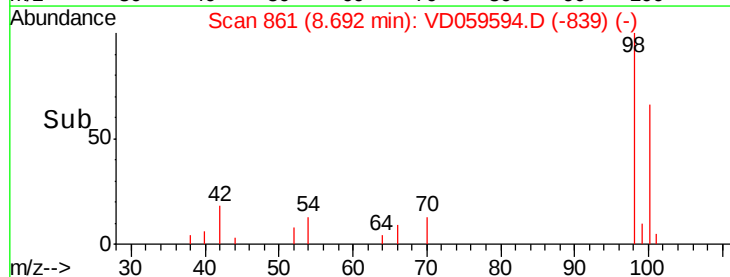
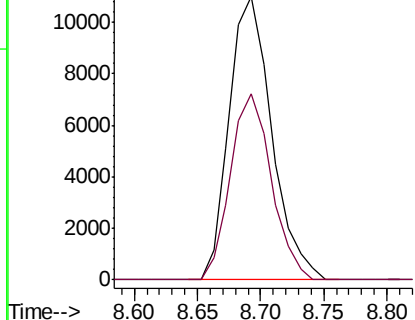
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059594.D
Acq: 25 Jul 2018 17:31

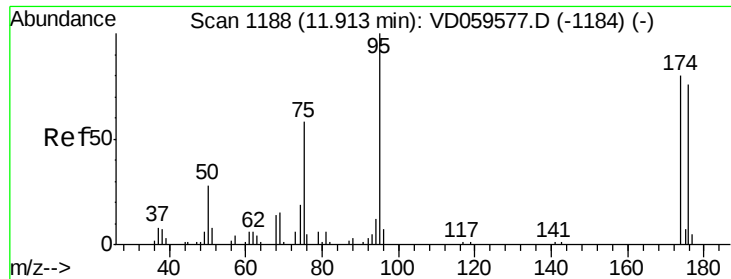
Tgt Ion: 98 Resp: 25643
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8



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

8.69

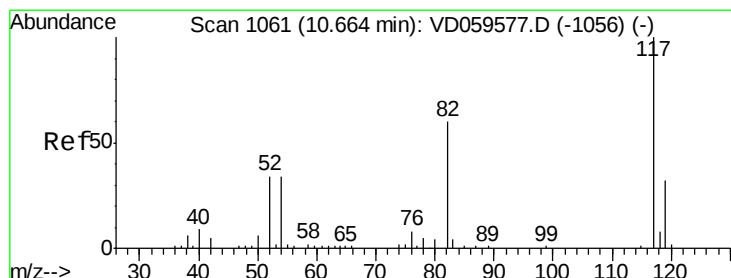
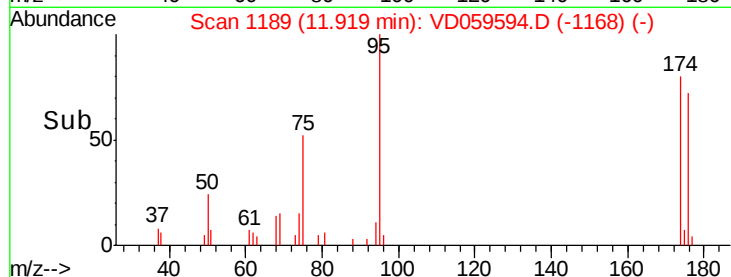
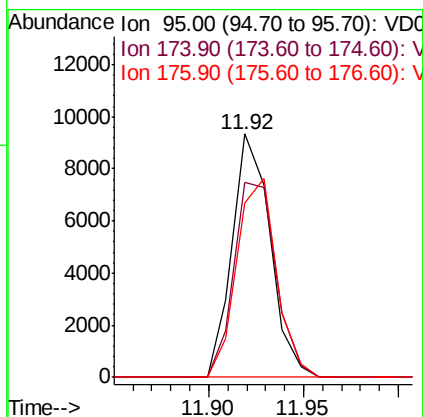
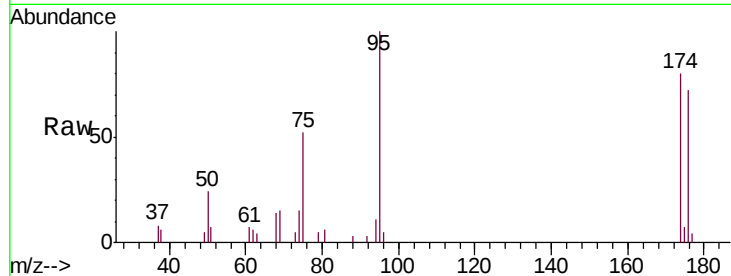




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059594.D
Acq: 25 Jul 2018 17:31

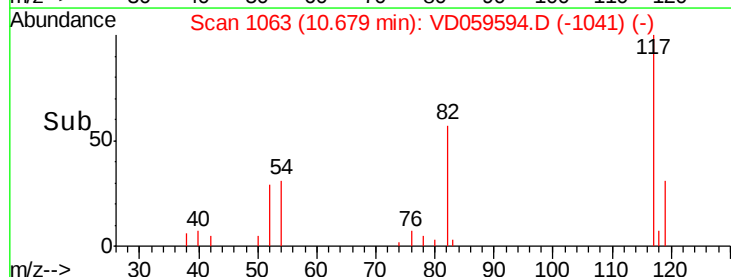
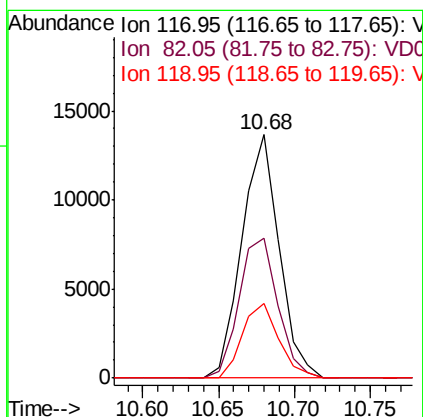
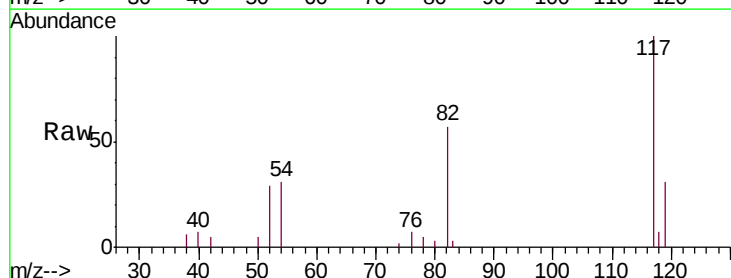
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ClientSampleId :
KY030LC051-S-180716RE

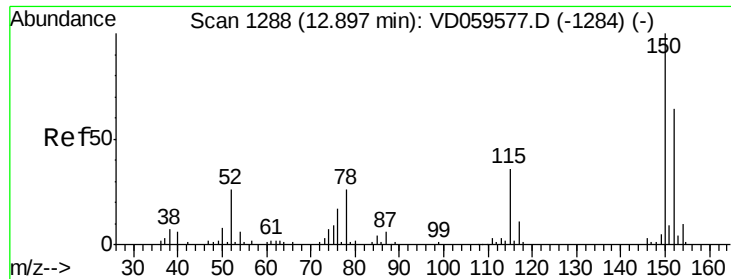
Tot Ion: 95 Resp: 12923
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.6
176 71.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059594.D
Acq: 25 Jul 2018 17:31

Tgt Ion: 117 Resp: 23355
Ion Ratio Lower Upper
117 100
82 57.4 48.2 72.2
119 30.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059594.D

Acq: 25 Jul 2018 17:31

Instrument :

MSVOA_D

ClientSampleId :

KY030LC051-S-180716RE

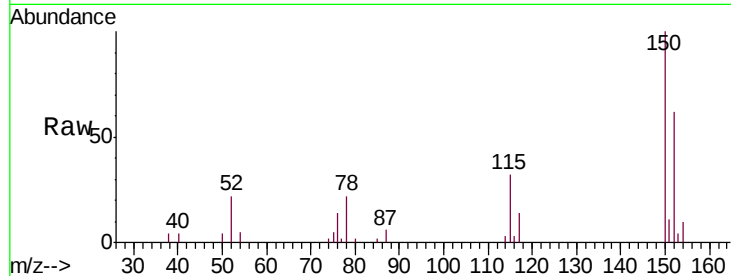
Tot Ion:152 Resp: 13432

Ion Ratio Lower Upper

152 100

115 52.0 29.5 88.6

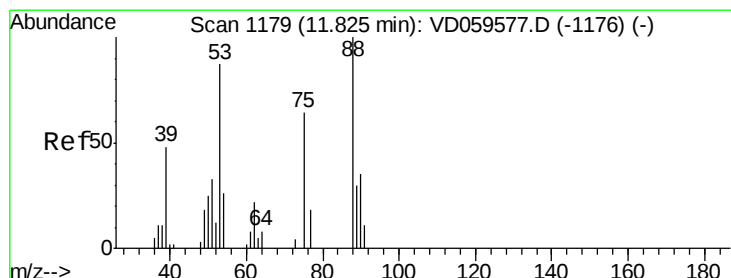
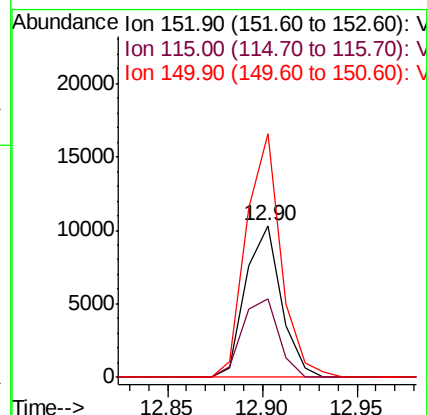
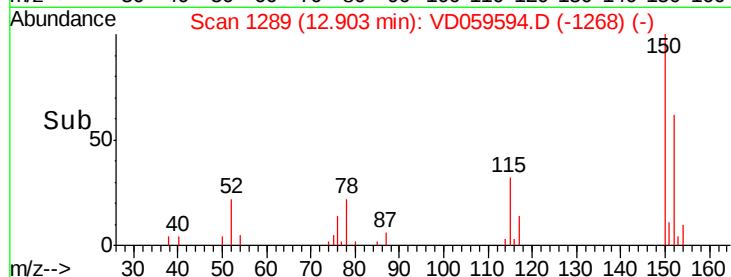
150 160.3 0.0 314.4



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



#81

trans-1,4-Dichloro-2-butene

Concen: 111.51 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059594.D

Acq: 25 Jul 2018 17:31

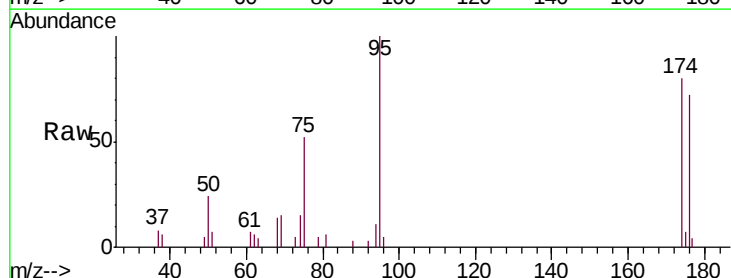
Tgt Ion: 75 Resp: 6333

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

