

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059592.D
 Acq On : 25 Jul 2018 16:32
 Operator : VA/AP
 Sample : J4070-03
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC018-S-180718

Quant Time: Jul 26 04:29:01 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	144154	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	180406	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	149245	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	78412	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	94865	52.35	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	104.70%	
35) Dibromofluoromethane	5.52	113	82574	53.36	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	106.72%	
50) Toluene-d8	8.69	98	173613	49.46	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.92	95	76218	48.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.40%	

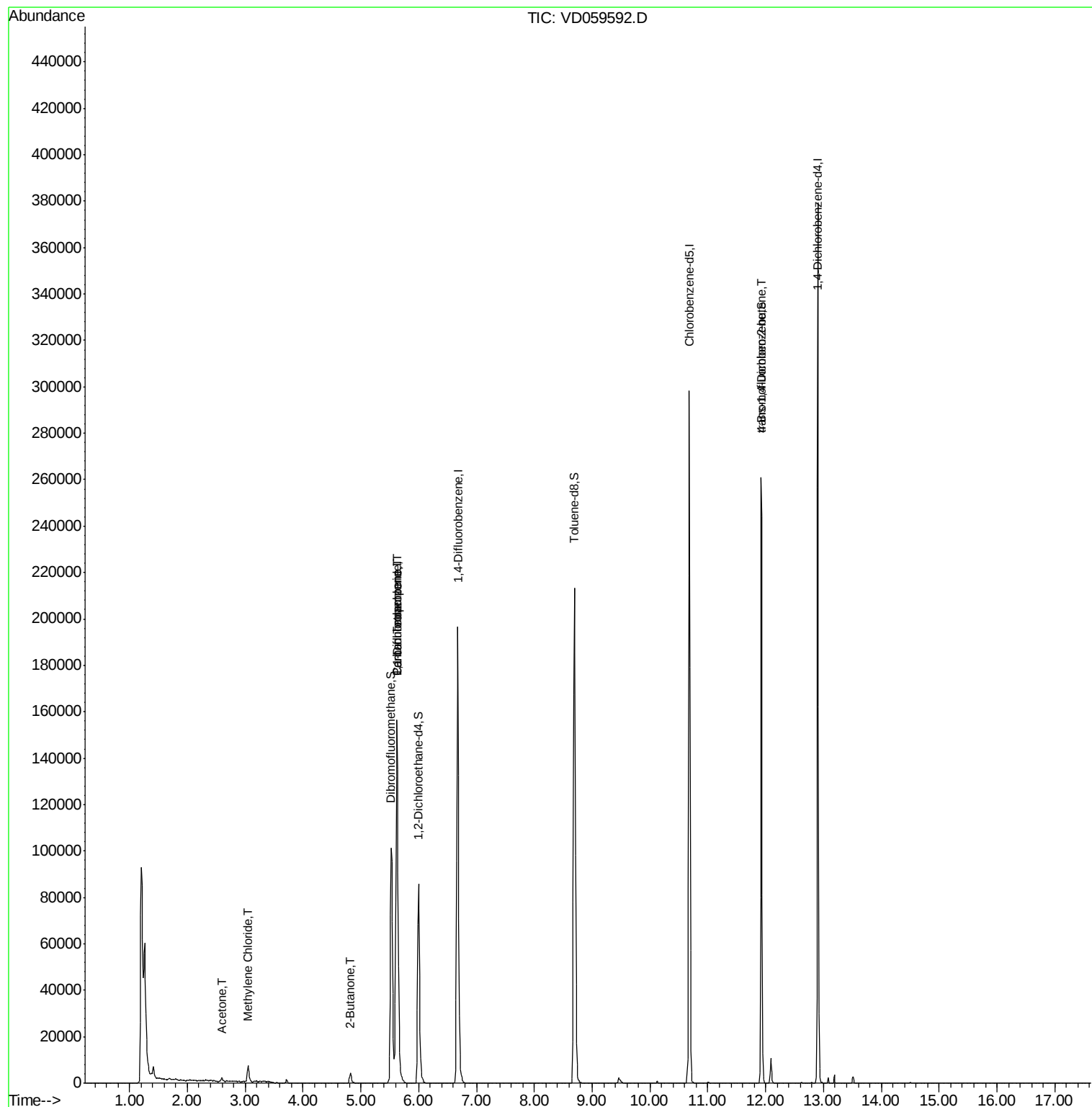
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	3589	13.11	ug/l #	61
20) Methylene Chloride	3.05	84	3433	4.40	ug/l #	94
25) 2-Butanone	4.83	43	628	1.50	ug/l #	59
31) Cyclohexane	5.61	56	3155	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	13118	7.25	ug/l #	51
38) Carbon Tetrachloride	5.62	117	14777	5.96	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	42771	129.01	ug/l #	1

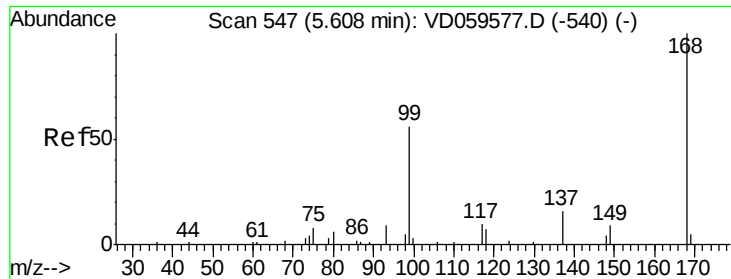
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072518\
Data File : VD059592.D
Acq On : 25 Jul 2018 16:32
Operator : VA/AP
Sample : J4070-03
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
KY030LC018-S-180718

Quant Time: Jul 26 04:29:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 549

Delta R.T. 0.02 min

Lab File: VD059592.D

Acq: 25 Jul 2018 16:32

Instrument :

MSVOA_D

ClientSampleId :

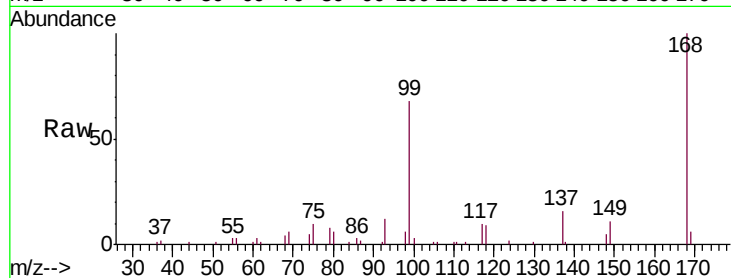
KY030LC018-S-180718

Tot Ion:168 Resp: 144154

Ion Ratio Lower Upper

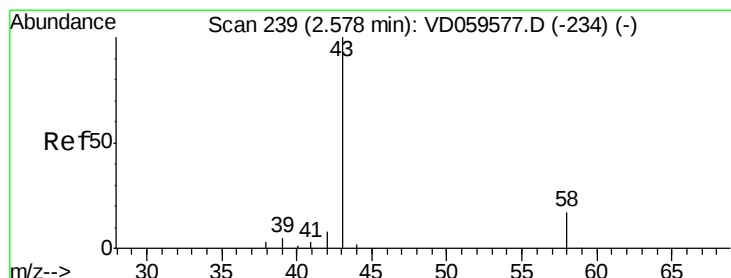
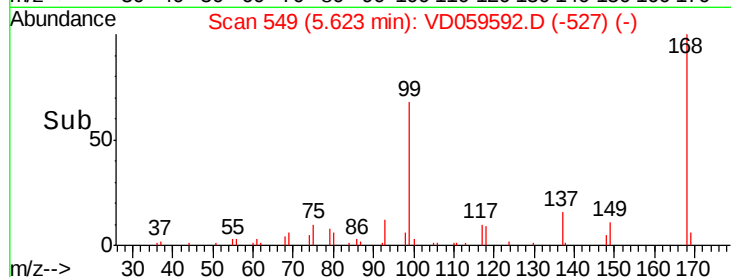
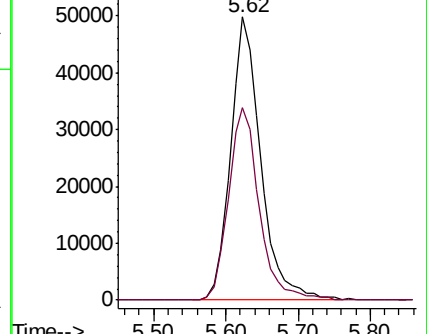
168 100

99 68.0 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: 13.11 ug/l

RT: 2.59 min Scan# 241

Delta R.T. 0.02 min

Lab File: VD059592.D

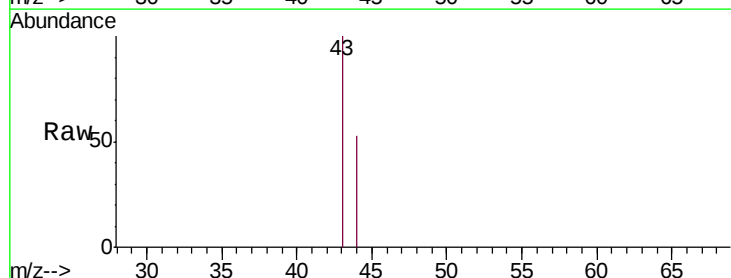
Acq: 25 Jul 2018 16:32

Tgt Ion: 43 Resp: 3589

Ion Ratio Lower Upper

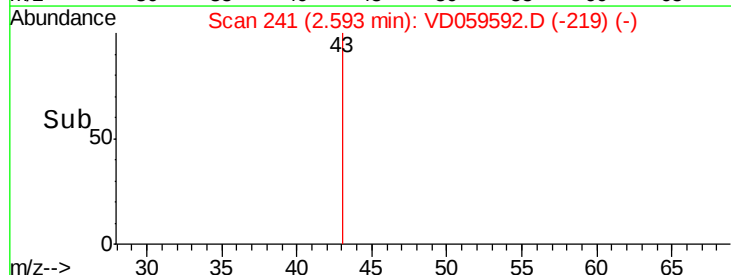
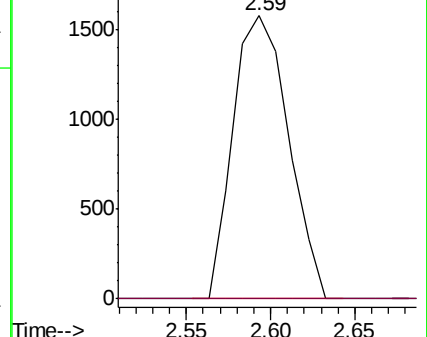
43 100

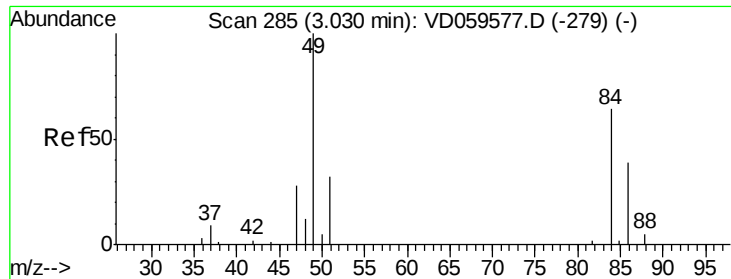
58 0.0 13.4 20.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

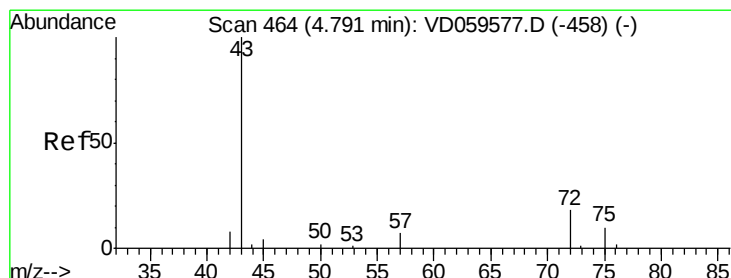
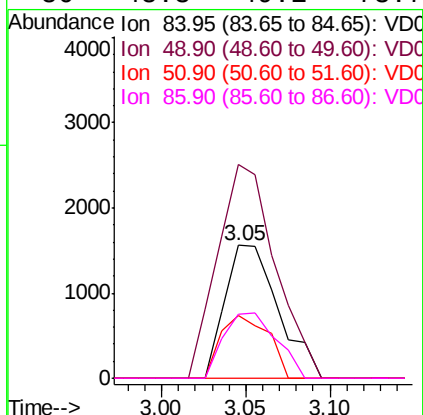
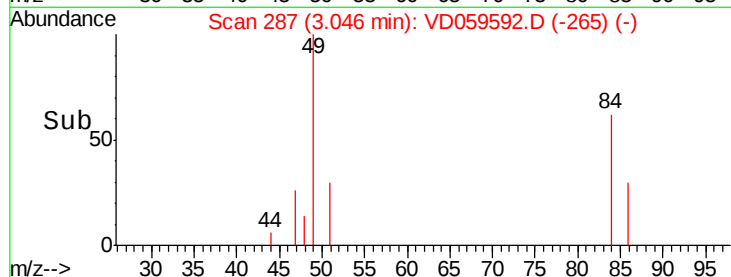
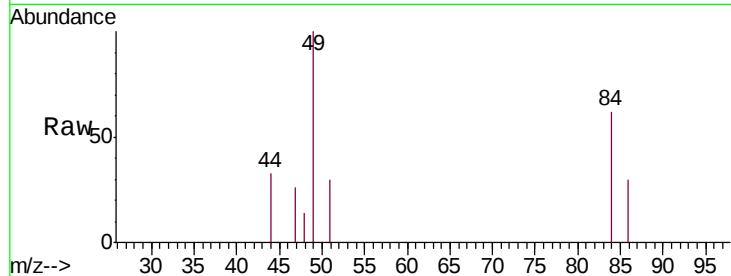




#20
Methvlene Chloride
Concen: 4.40 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.02 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

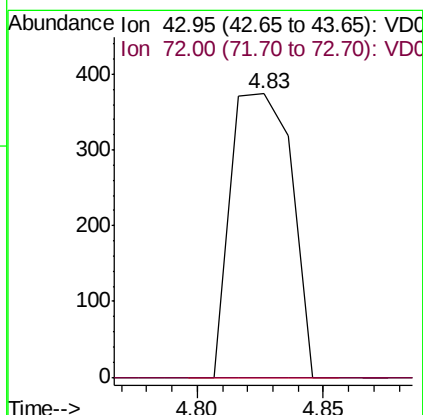
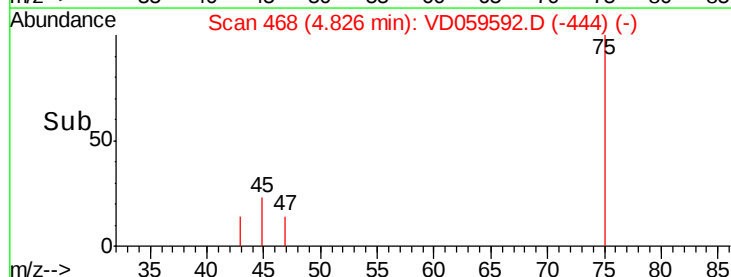
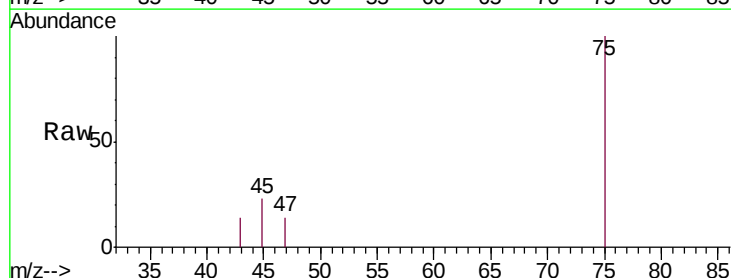
Instrument :
MSVOA_D
ClientSampleId :
KY030LC018-S-180718

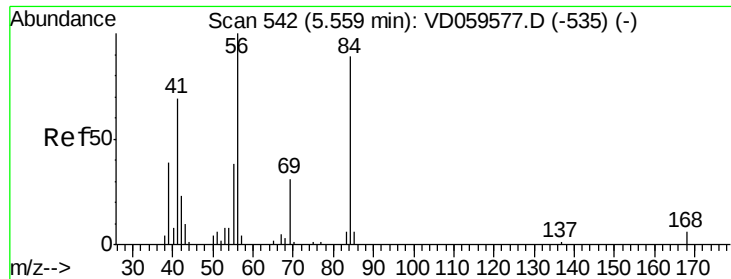
Tot Ion: 84 Resp: 3433
Ion Ratio Lower Upper
84 100
49 160.6 125.4 188.2
51 47.6 39.7 59.5
86 48.3 49.1 73.7#



#25
2-Butanone
Concen: 1.50 ug/l
RT: 4.83 min Scan# 468
Delta R.T. 0.04 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
72 0.0 14.7 22.1#

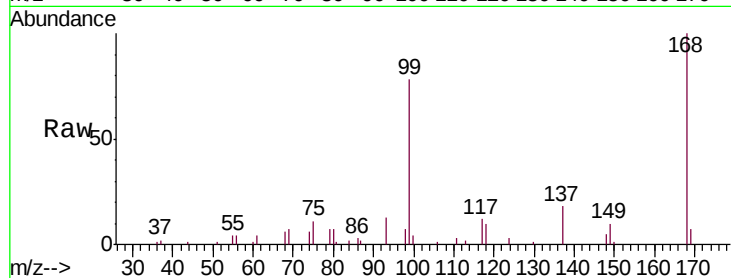




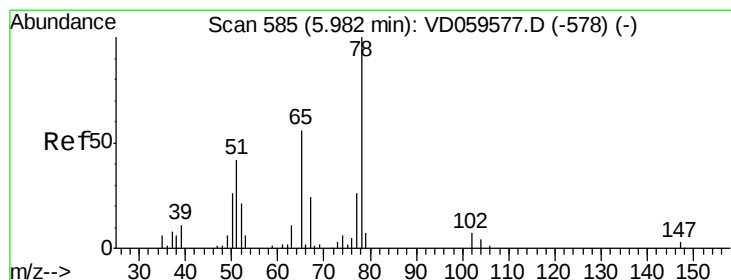
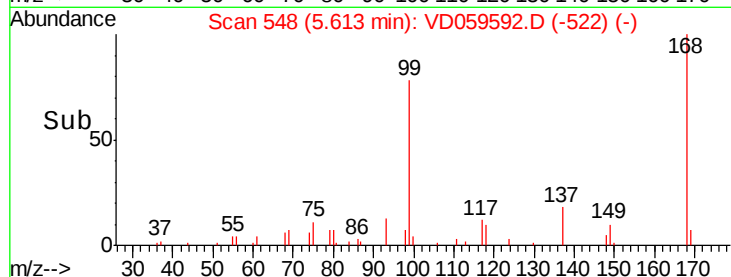
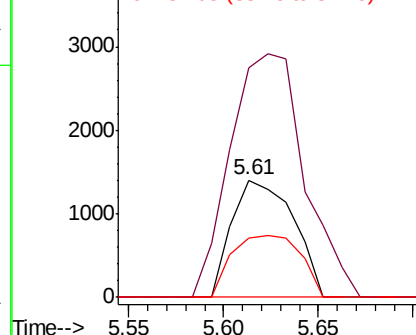
#31
Cyclohexane
Concen: Below Cal
RT: 5.61 min Scan# 548
Delta R.T. 0.06 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

Instrument :
MSVOA_D
ClientSampleId :
KY030LC018-S-180718

Tot Ion: 56 Resp: 3155
Ion Ratio Lower Upper
56 100
69 196.2 24.6 37.0#
84 51.1 72.7 109.1#

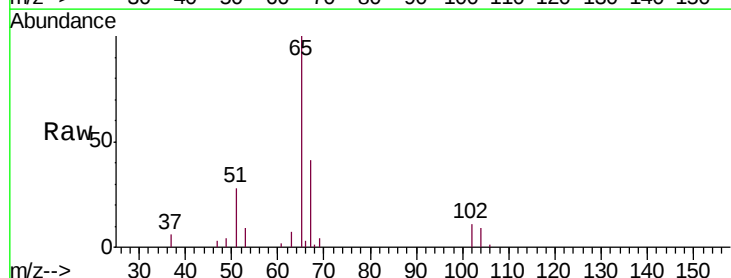


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

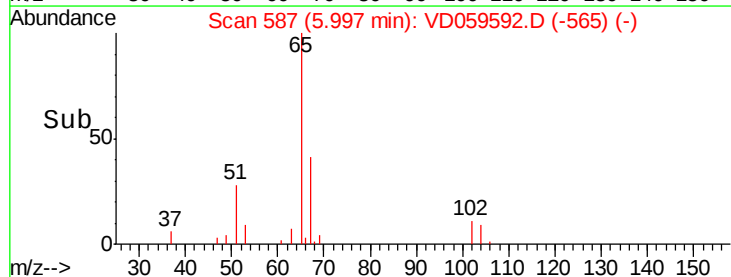
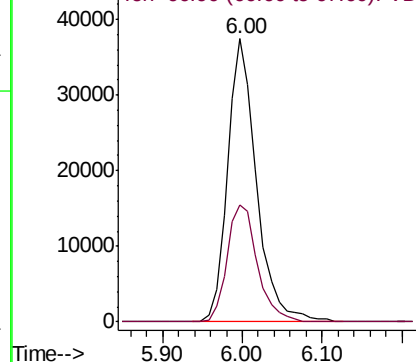


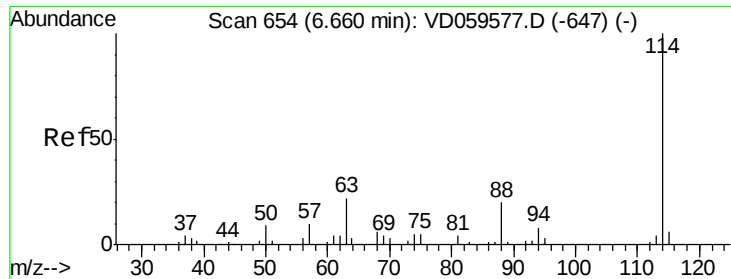
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.02 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

Tgt Ion: 65 Resp: 94865
Ion Ratio Lower Upper
65 100
67 41.3 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

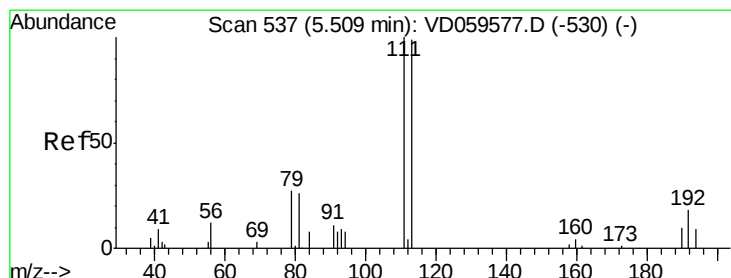
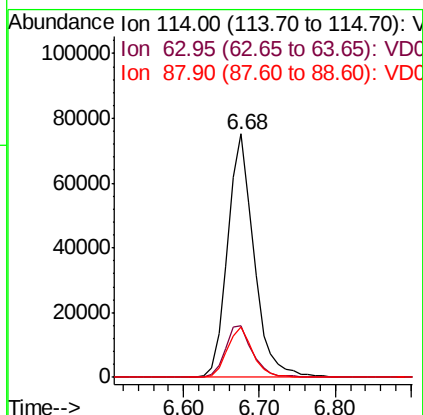
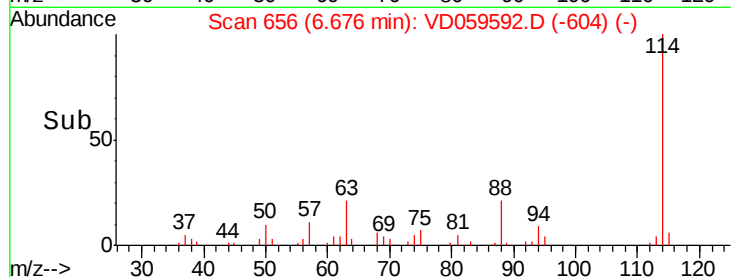
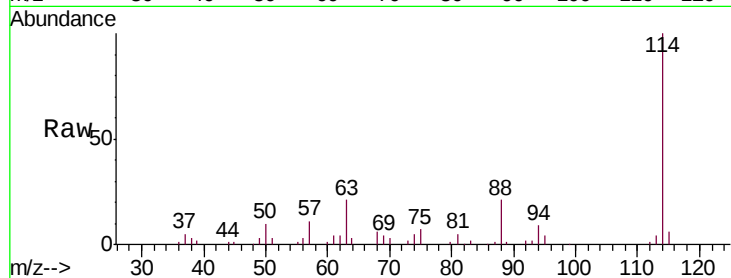




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059592.D
 Acq: 25 Jul 2018 16:32

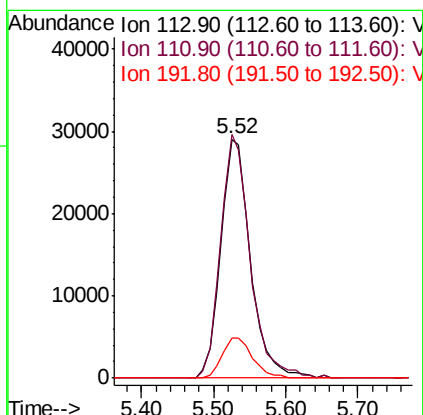
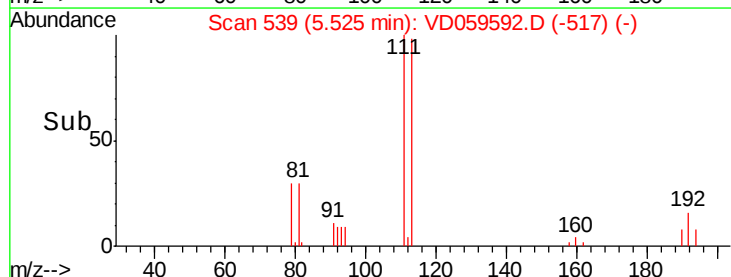
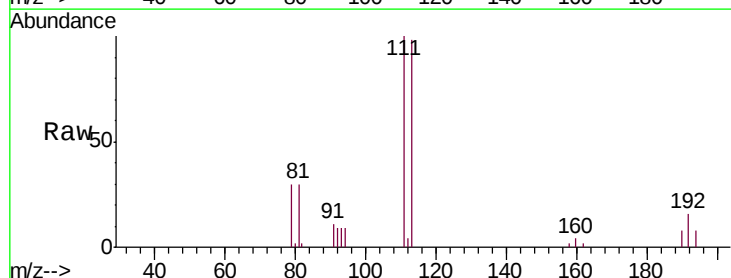
Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC018-S-180718

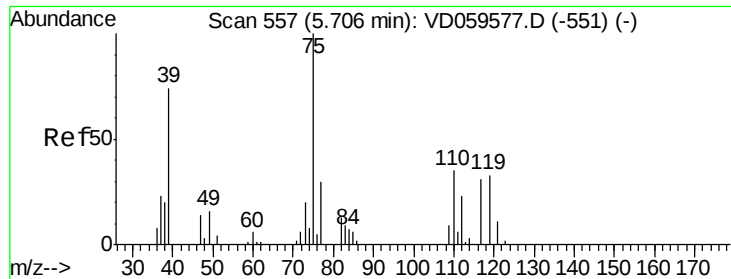
Tot Ion:114 Resp: 180406
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.8
 88 20.6 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059592.D
 Acq: 25 Jul 2018 16:32

Tgt Ion:113 Resp: 82574
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.5 120.7
 192 16.7 14.5 21.7





#36

1,1-Dichloropropene

Concen: 7.25 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.08 min

Lab File: VD059592.D

Acq: 25 Jul 2018 16:32

Instrument :

MSVOA_D

ClientSampleId :

KY030LC018-S-180718

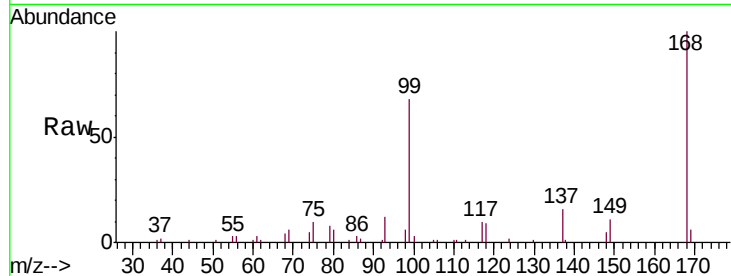
Tot Ion: 75 Resp: 13118

Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

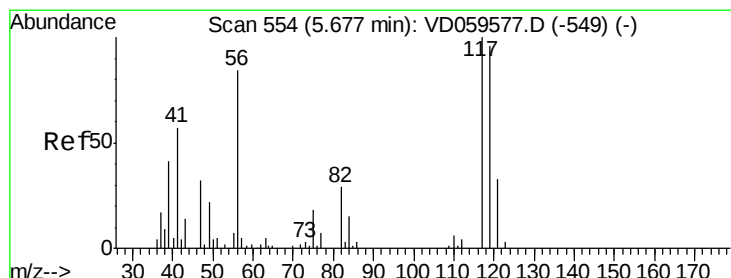
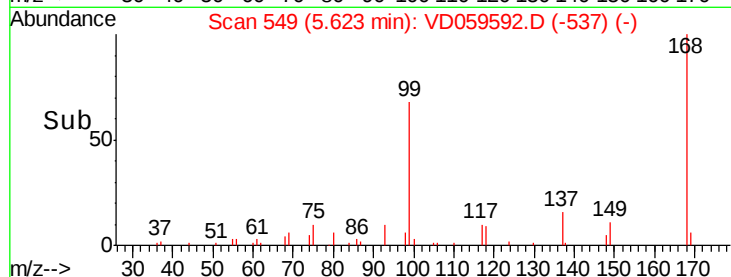
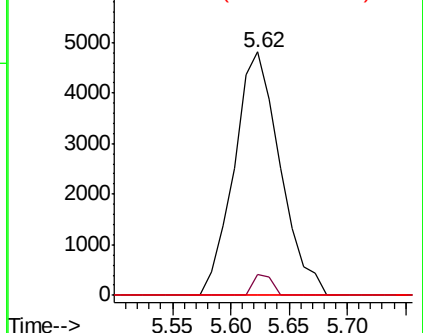
77 0.0 23.6 35.4#



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: 5.96 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.05 min

Lab File: VD059592.D

Acq: 25 Jul 2018 16:32

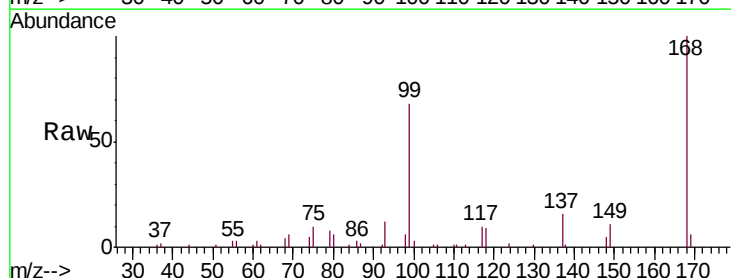
Tgt Ion: 117 Resp: 14777

Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

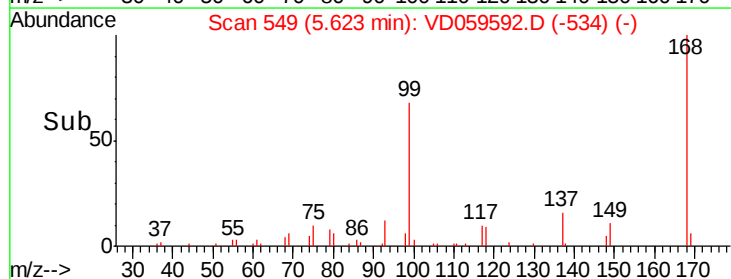
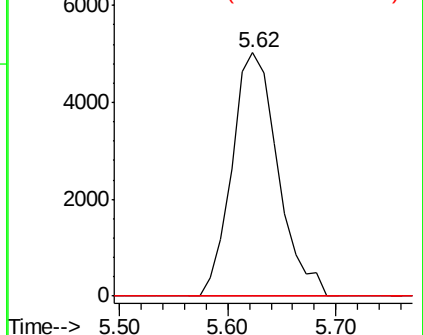
121 0.0 25.0 37.6#

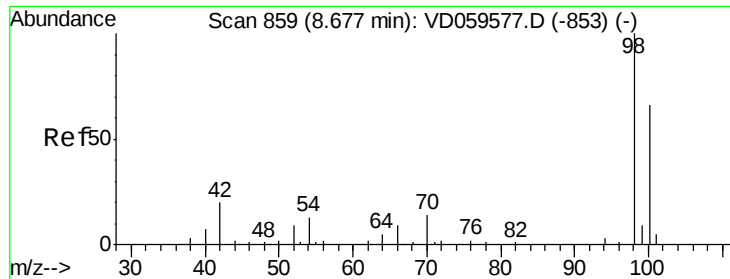


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.69 min Scan# 861

Delta R.T. 0.02 min

Lab File: VD059592.D

Acq: 25 Jul 2018 16:32

Instrument :

MSVOA_D

ClientSampleId :

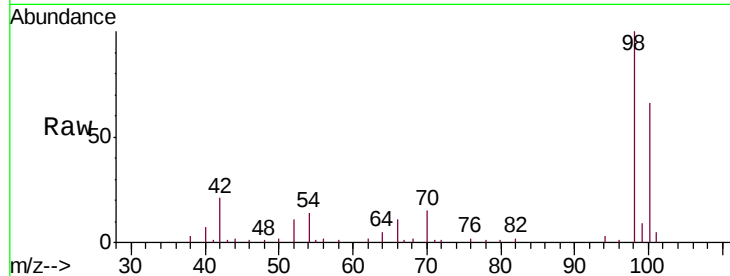
KY030LC018-S-180718

Tot Ion: 98 Resp: 173613

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD059577.D (-853) (-)

Ion 100.05 (99.75 to 100.75): VD059577.D (-853) (-)

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

8.69

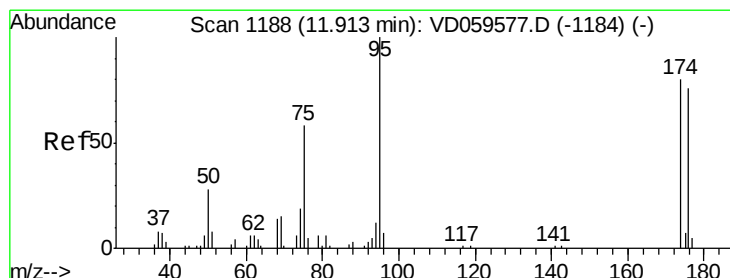
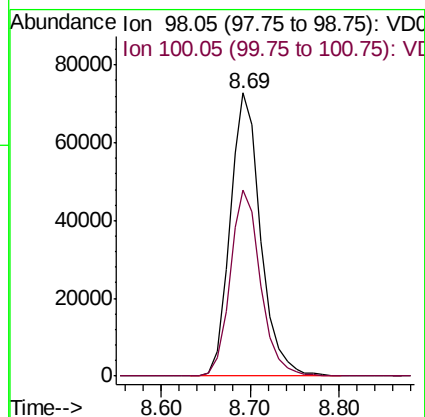
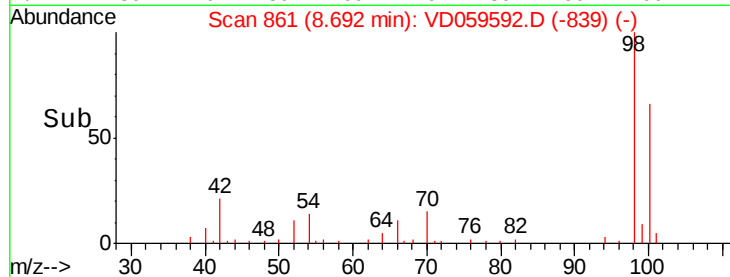
8.69

8.69

8.69

8.69

8.69



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059592.D

Acq: 25 Jul 2018 16:32

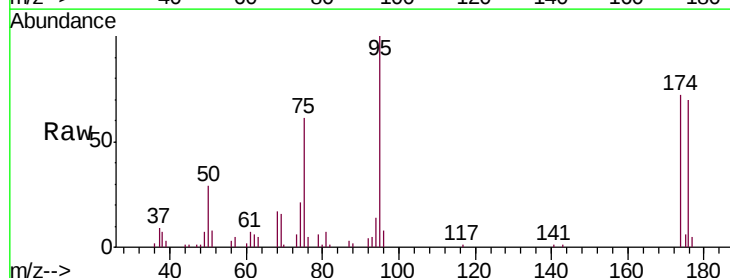
Tgt Ion: 95 Resp: 76218

Ion Ratio Lower Upper

95 100

174 72.0 0.0 160.6

176 69.8 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): VD059577.D (-1184) (-)

Ion 173.90 (173.60 to 174.60): VD059577.D (-1184) (-)

Ion 175.90 (175.60 to 176.60): VD059577.D (-1184) (-)

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

11.92

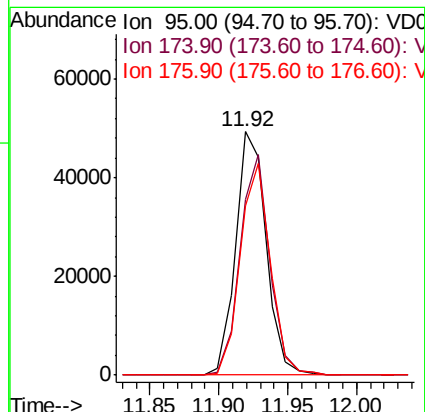
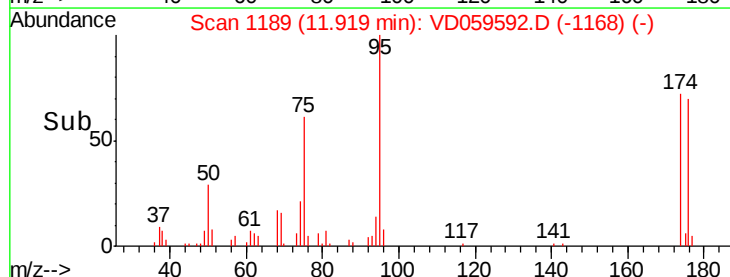
11.92

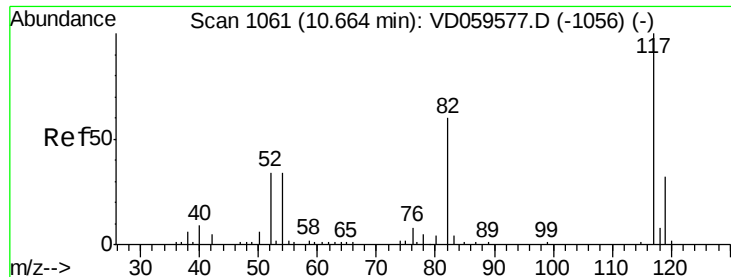
11.92

11.92

11.92

11.92

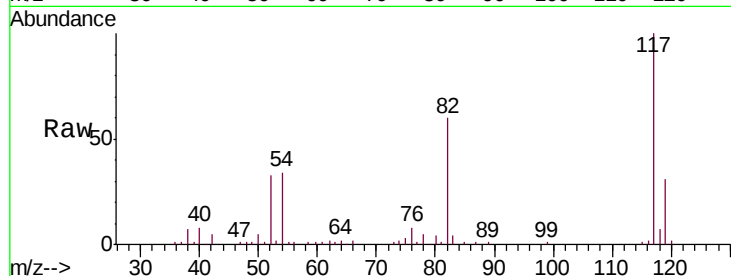




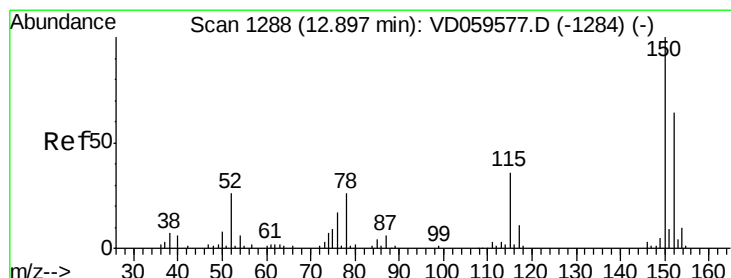
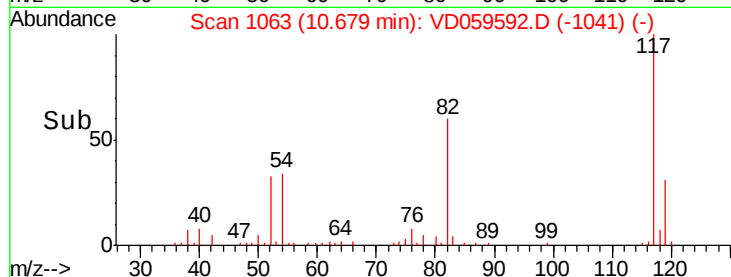
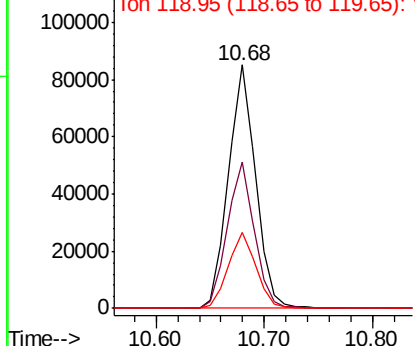
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

Instrument :
MSVOA_D
ClientSampleId :
KY030LC018-S-180718

Tot Ion:117 Resp: 149245
Ion Ratio Lower Upper
117 100
82 60.1 48.2 72.2
119 31.2 25.4 38.2

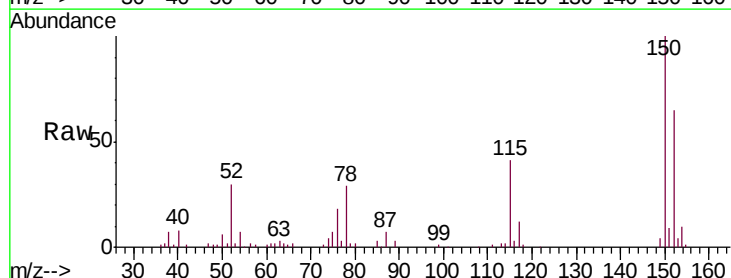


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

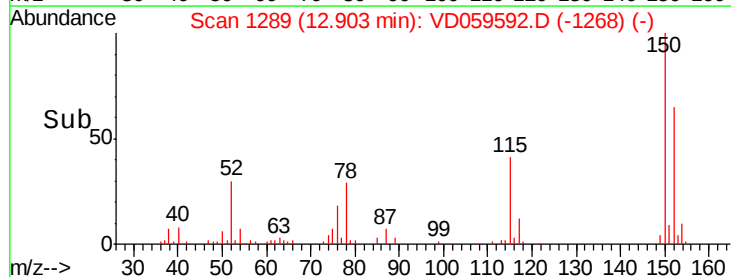
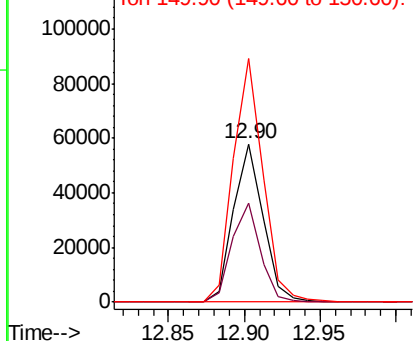


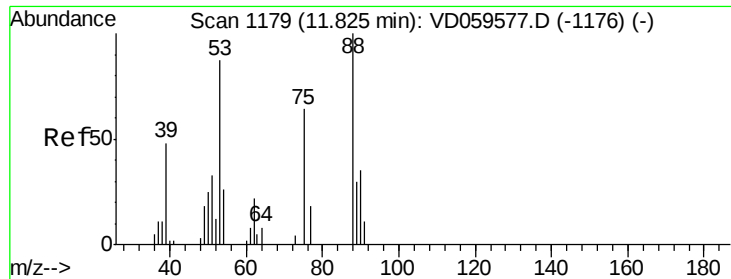
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

Tgt Ion:152 Resp: 78412
Ion Ratio Lower Upper
152 100
115 62.3 29.5 88.6
150 153.7 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: 129.01 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059592.D

Acq: 25 Jul 2018 16:32

Instrument :

MSVOA_D

ClientSampleId :

KY030LC018-S-180718

Tot Ion: 75 Resp: 42771

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

