

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
 Data File : VD059741.D
 Acq On : 13 Aug 2018 18:48
 Operator : VA/AP
 Sample : VD0813SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 03:51:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	201594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	243045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	191392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	109436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	145570	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.54	113	125776	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	8.70	98	246654	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.93	95	114298	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

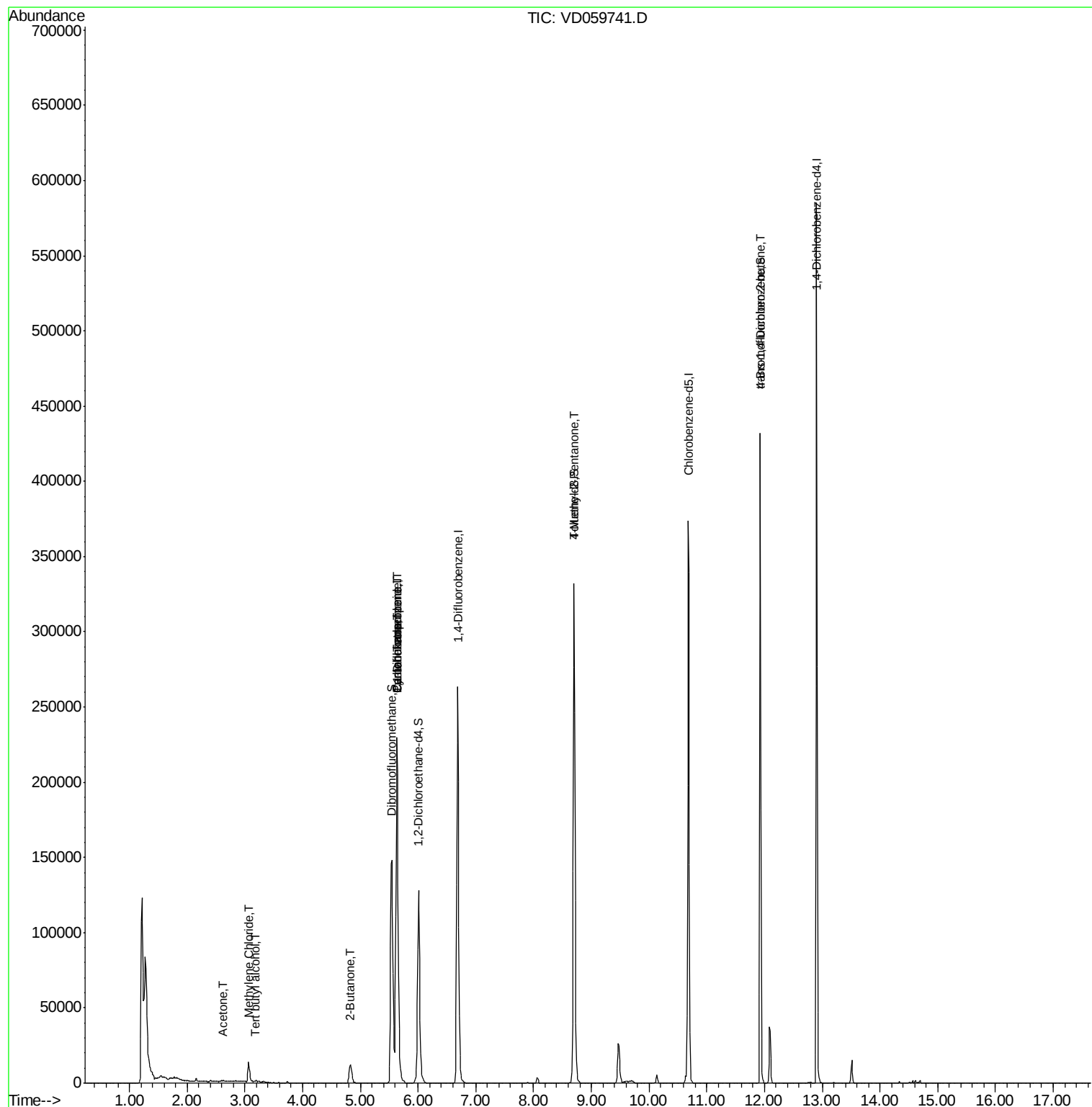
Target Compounds

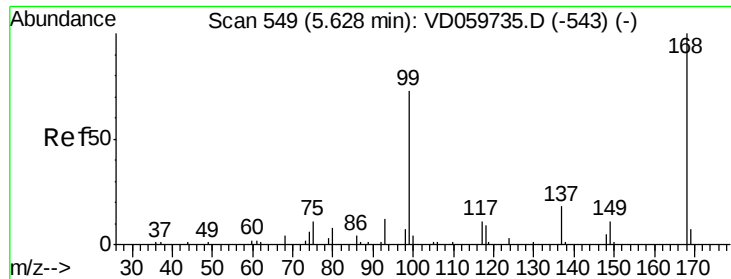
					Qvalue	
11) Tert butyl alcohol	3.17	59	195	1.783	ug/l #	75
16) Acetone	2.61	43	1293	2.508	ug/l #	59
20) Methylene Chloride	3.06	84	5857	3.936	ug/l	89
25) 2-Butanone	4.84	43	722	1.303	ug/l #	62
31) Cyclohexane	5.63	56	5662	2.785	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	19297	6.840	ug/l #	51
38) Carbon Tetrachloride	5.63	117	21831	4.918	ug/l #	11
51) 4-Methyl-2-Pentanone	8.69	43	1381	1.146	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	62052	170.179	ug/l #	1

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

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
Data File : VD059741.D
Acq On : 13 Aug 2018 18:48
Operator : VA/AP
Sample : VD0813SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

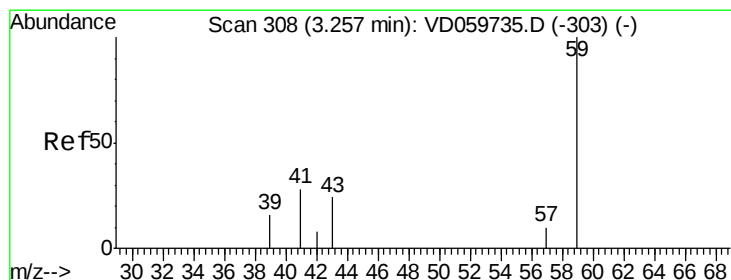
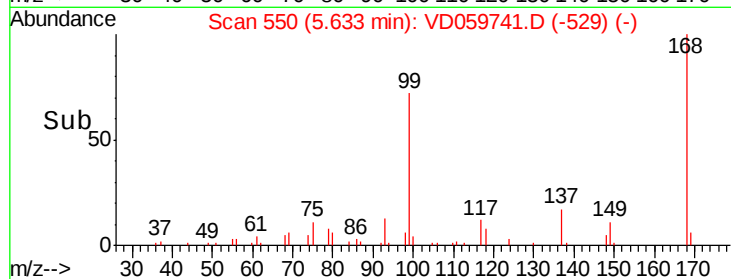
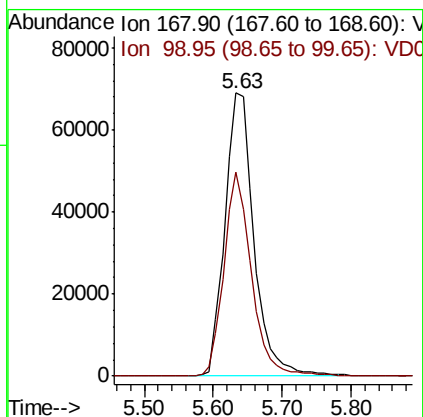
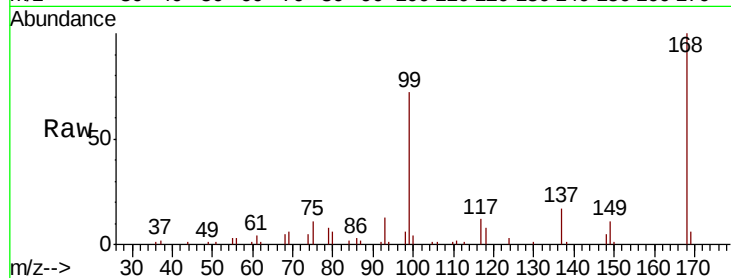
Quant Time: Aug 14 03:51:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration





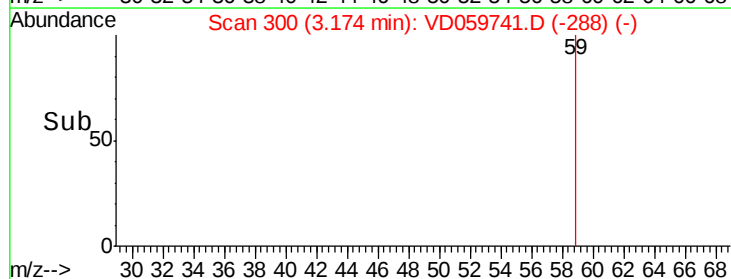
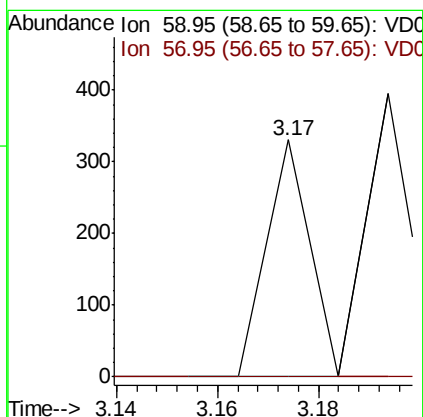
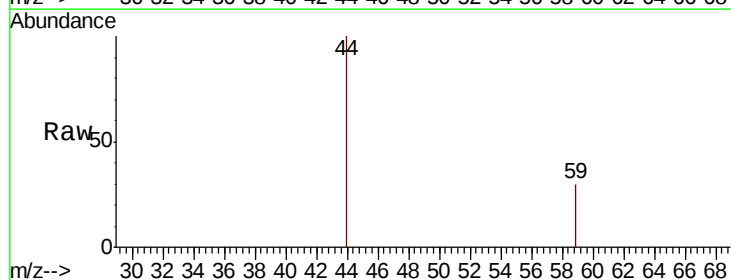
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059741.D
Acq: 13 Aug 2018 18:48

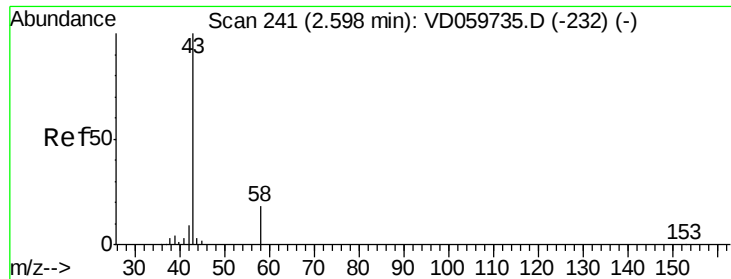
Tgt Ion: 168 Resp: 201594
Ion Ratio Lower Upper
168 100
99 71.9 61.4 92.2



#11
Tert butyl alcohol
Concen: 1.783 ug/l
RT: 3.17 min Scan# 300
Delta R.T. -0.08 min
Lab File: VD059741.D
Acq: 13 Aug 2018 18:48

Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 7.3 10.9#





#16

Acetone

Concen: 2.508 ug/l

RT: 2.61 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD059741.D

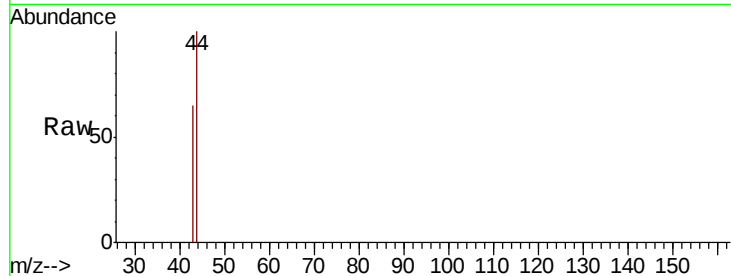
Acq: 13 Aug 2018 18:48

Tgt Ion: 43 Resp: 1293

Ion Ratio Lower Upper

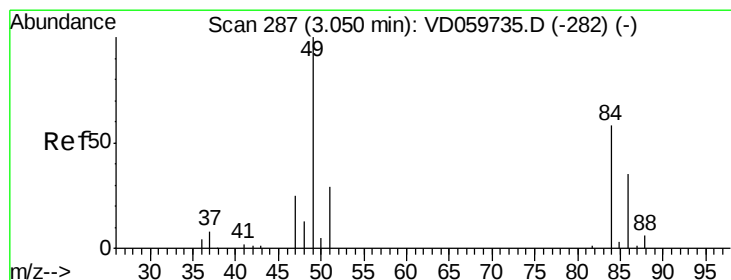
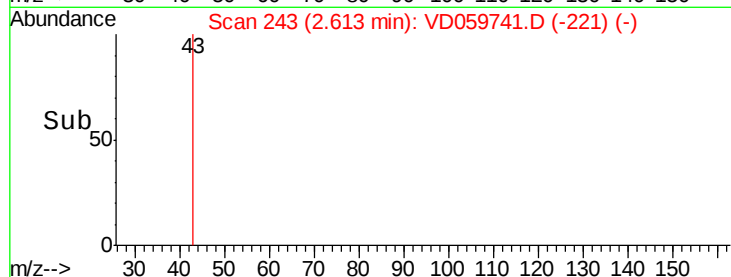
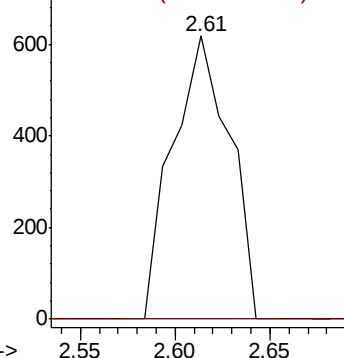
43 100

58 0.0 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 3.936 ug/l

RT: 3.06 min Scan# 288

Delta R.T. 0.01 min

Lab File: VD059741.D

Acq: 13 Aug 2018 18:48

Tgt Ion: 84 Resp: 5857

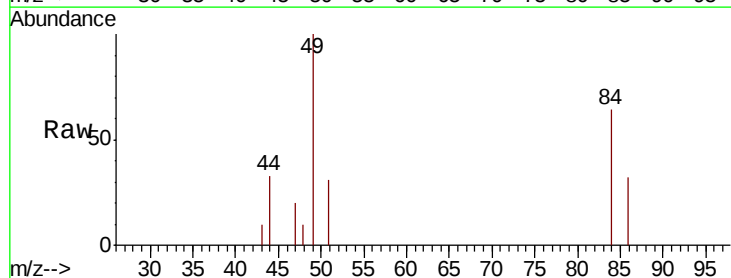
Ion Ratio Lower Upper

84 100

49 156.7 138.9 208.3

51 48.2 40.2 60.2

86 50.0 49.1 73.7

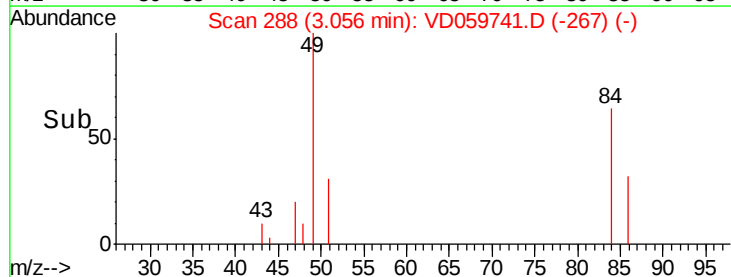
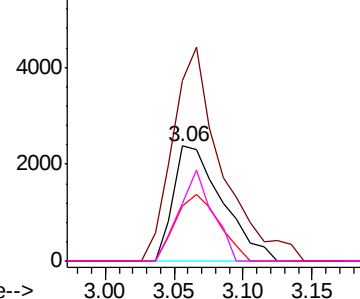


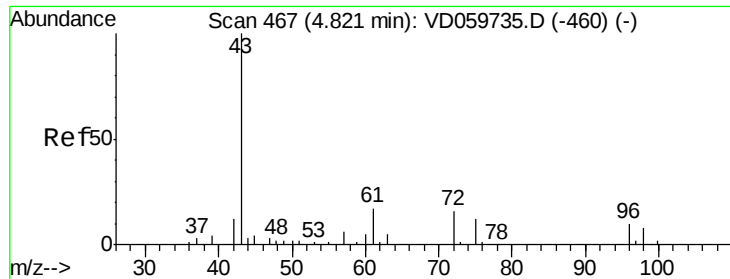
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 1.303 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.02 min

Lab File: VD059741.D

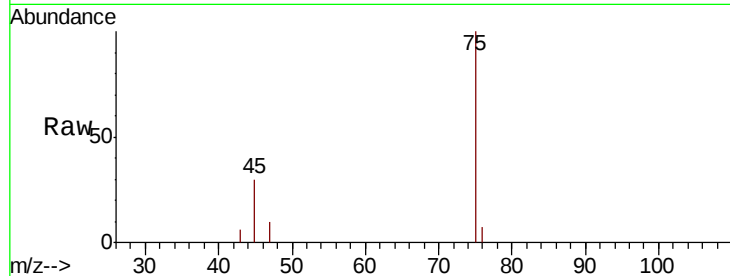
Acq: 13 Aug 2018 18:48

Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

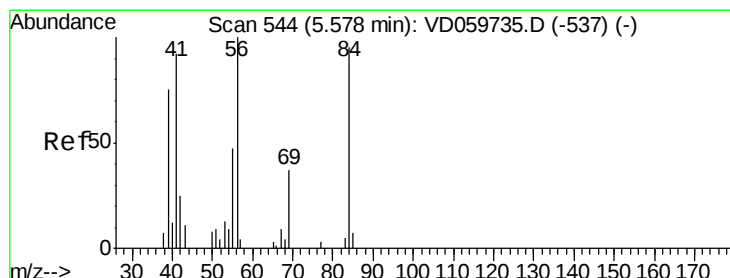
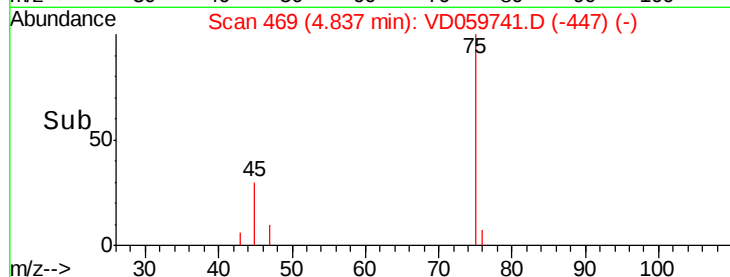
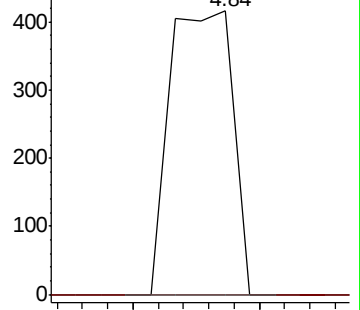
43 100

72 0.0 13.1 19.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 2.785 ug/l

RT: 5.63 min Scan# 550

Delta R.T. 0.05 min

Lab File: VD059741.D

Acq: 13 Aug 2018 18:48

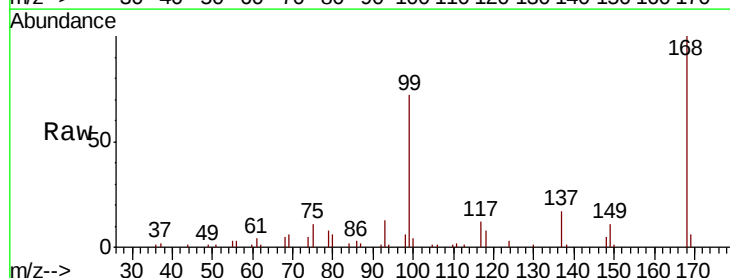
Tgt Ion: 56 Resp: 5662

Ion Ratio Lower Upper

56 100

69 184.3 29.3 43.9#

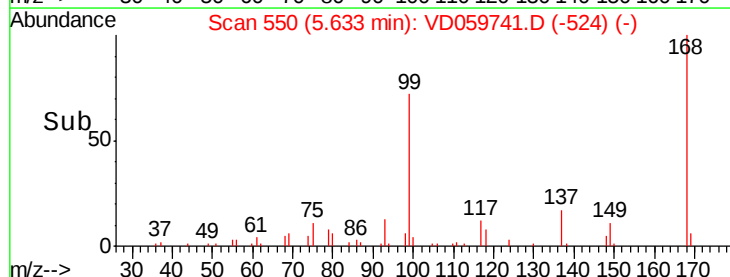
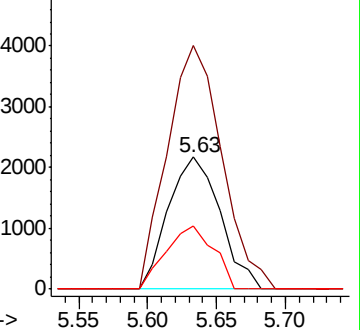
84 47.9 76.2 114.2#

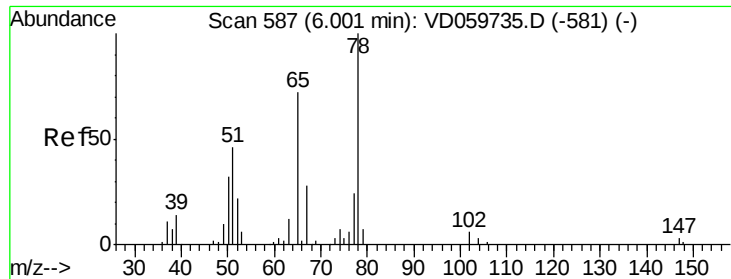


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

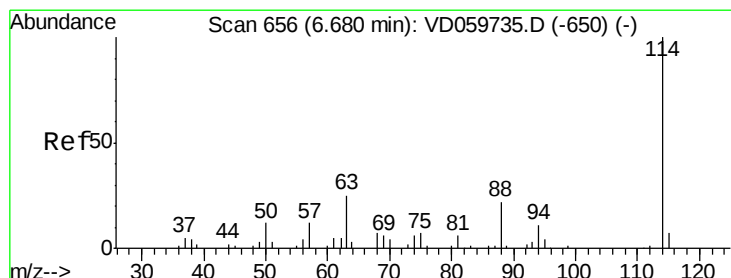
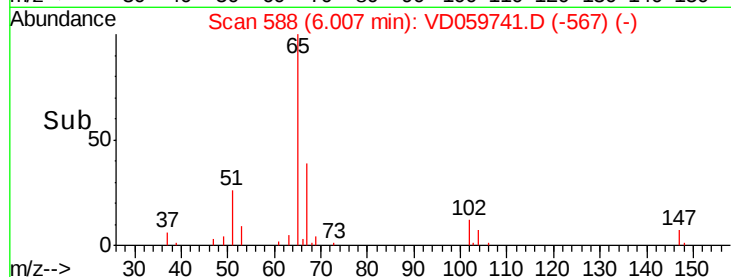
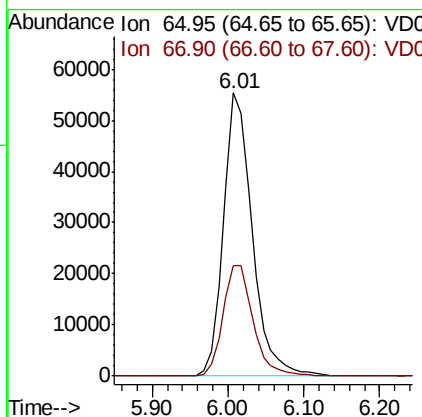
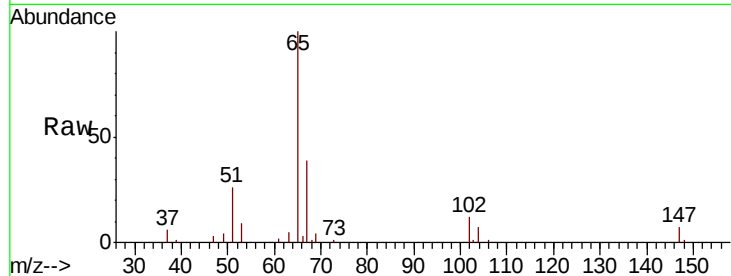
Ion 84.05 (83.75 to 84.75): VDC





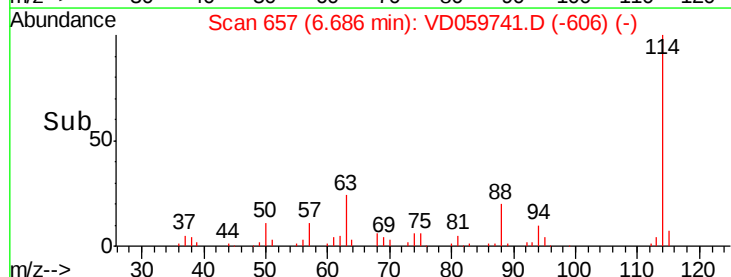
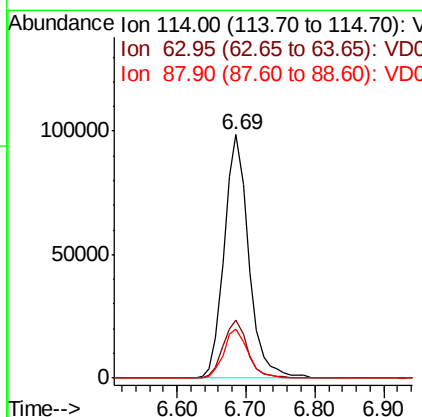
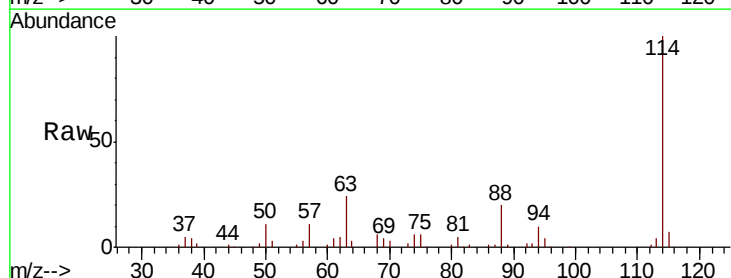
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059741.D
 Acq: 13 Aug 2018 18:48

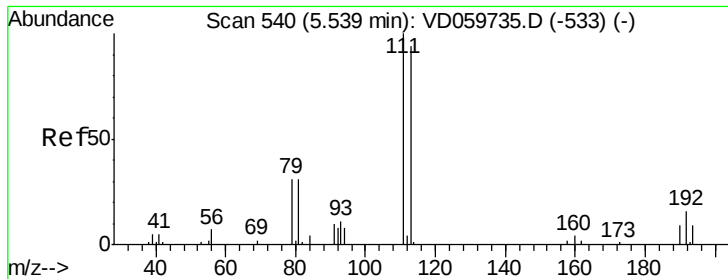
Tgt Ion: 65 Resp: 145570
 Ion Ratio Lower Upper
 65 100
 67 39.1 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059741.D
 Acq: 13 Aug 2018 18:48

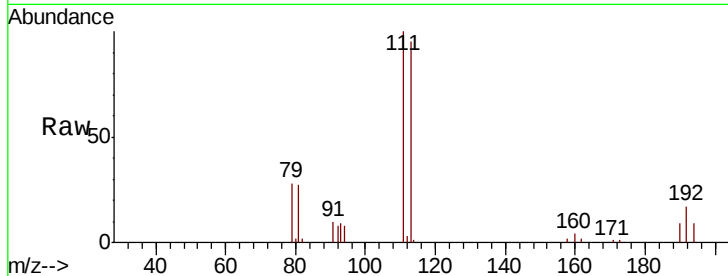
Tgt Ion: 114 Resp: 243045
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 50.6
 88 20.0 0.0 43.4



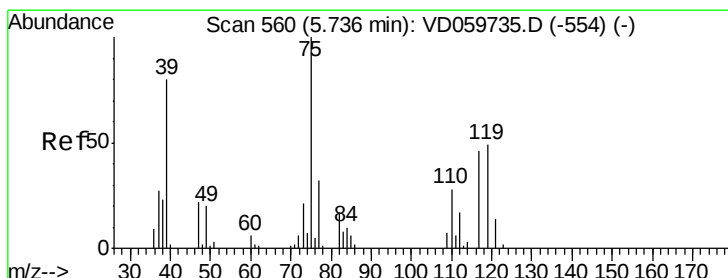
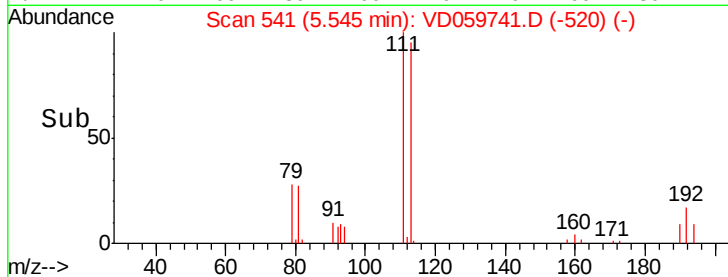
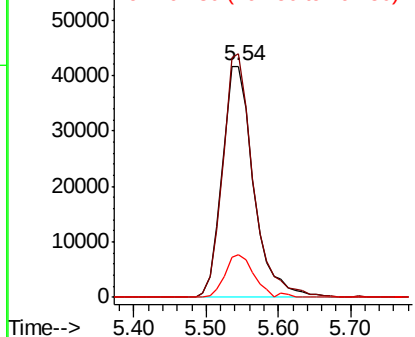


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VD059741.D
 Acq: 13 Aug 2018 18:48

Tgt Ion	Resp	Lower	Upper
113	100		
111	105.3	85.3	127.9
192	18.3	13.9	20.9

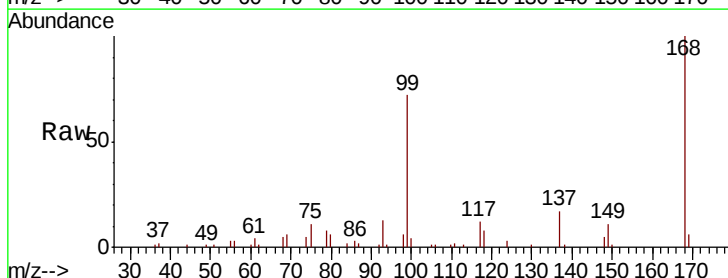


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

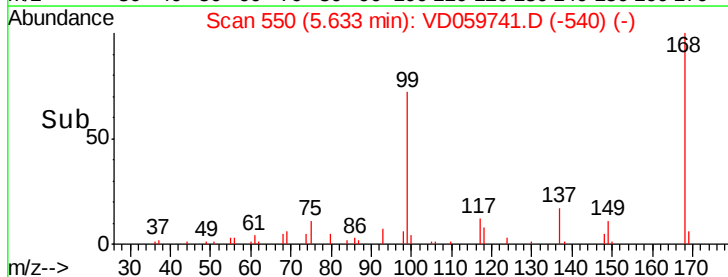
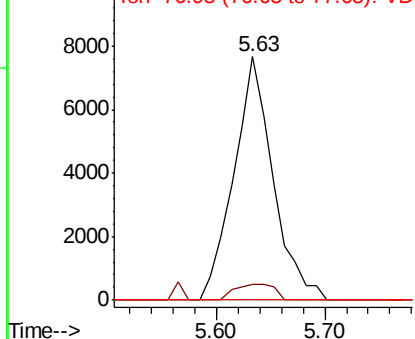


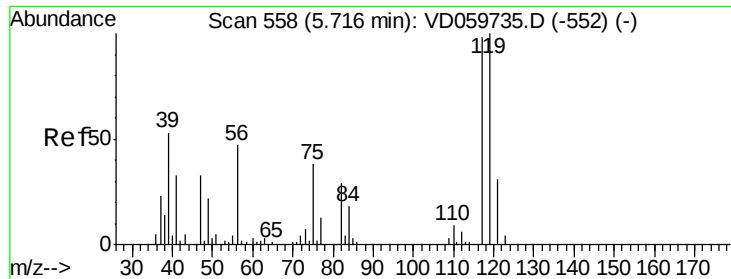
#36
 1,1-Dichloropropene
 Concen: 6.840 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.10 min
 Lab File: VD059741.D
 Acq: 13 Aug 2018 18:48

Tgt Ion	Resp	Lower	Upper
75	100		
110	6.3	13.7	41.0#
77	0.0	25.4	38.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 4.918 ug/l

RT: 5.63 min Scan# 550

Delta R.T. -0.08 min

Lab File: VD059741.D

Acq: 13 Aug 2018 18:48

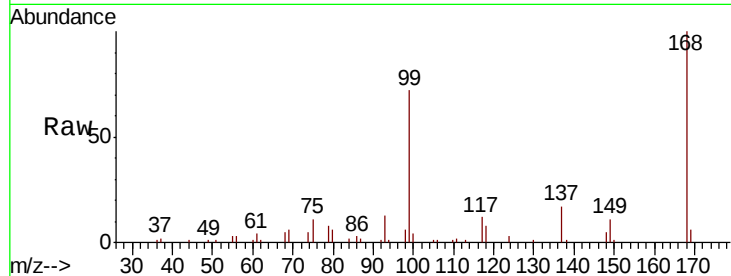
Tgt Ion: 117 Resp: 21831

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.2#

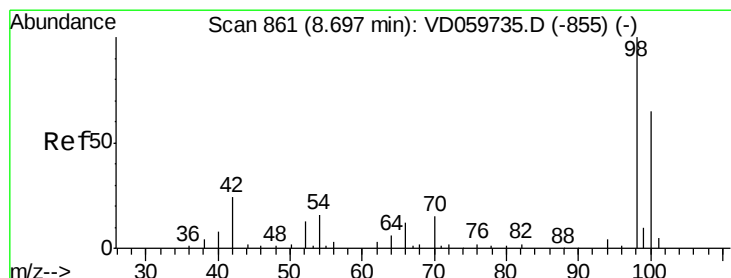
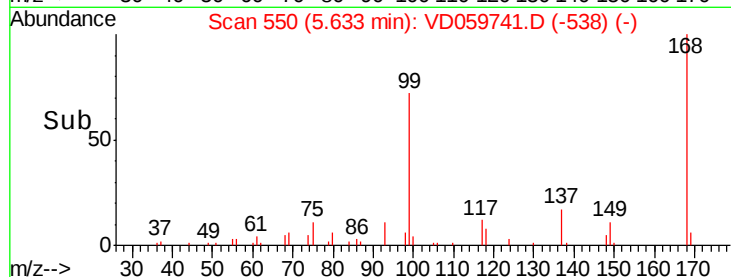
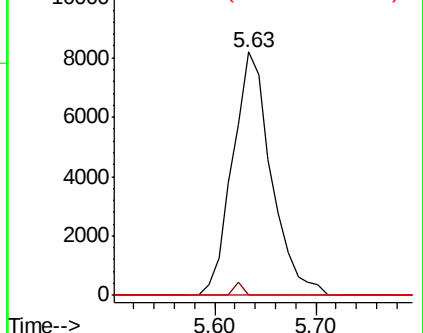
121 0.0 23.9 35.9#



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: 8.70 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD059741.D

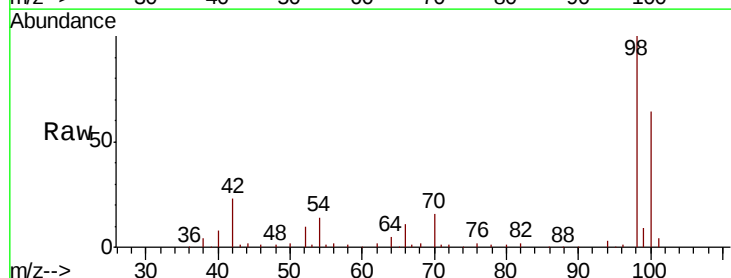
Acq: 13 Aug 2018 18:48

Tgt Ion: 98 Resp: 246654

Ion Ratio Lower Upper

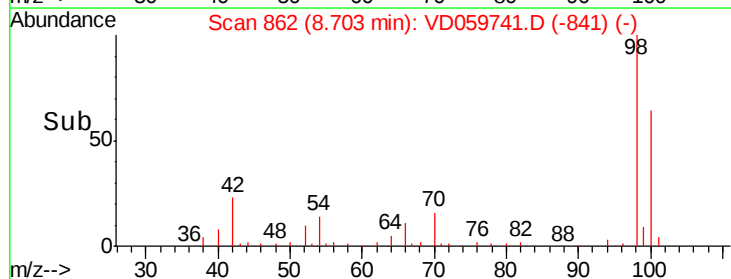
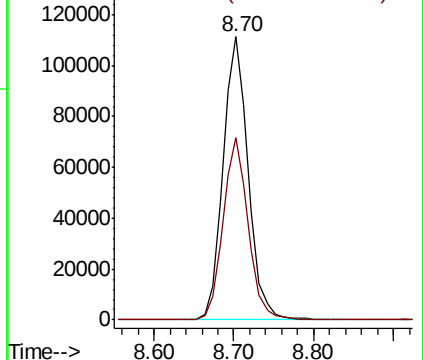
98 100

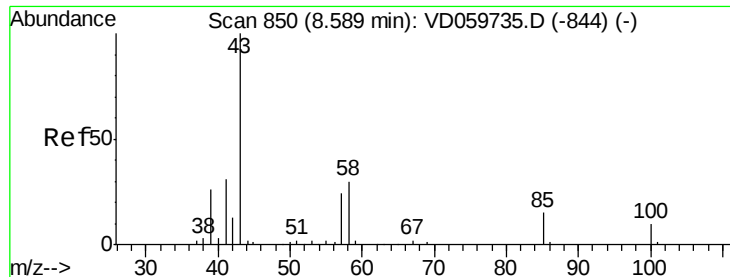
100 64.2 52.2 78.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.146 ug/l

RT: 8.69 min Scan# 861

Delta R.T. 0.10 min

Lab File: VD059741.D

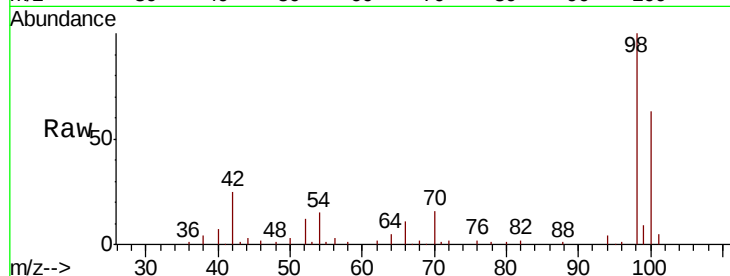
Acq: 13 Aug 2018 18:48

Tgt Ion: 43 Resp: 1381

Ion Ratio Lower Upper

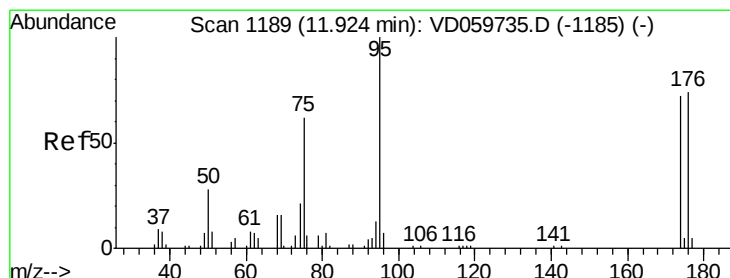
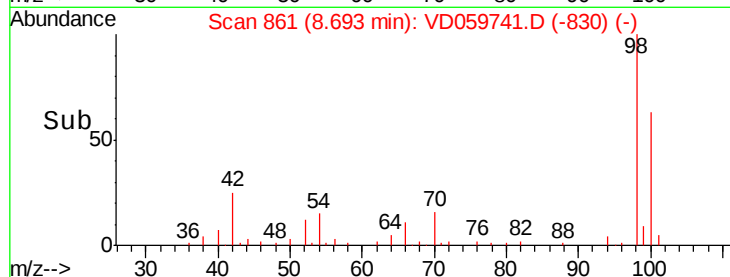
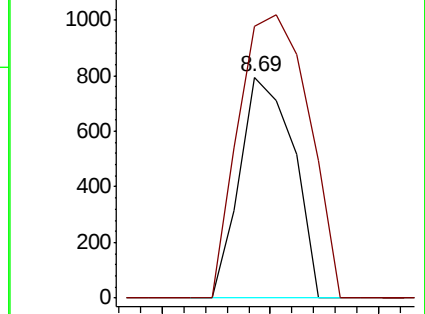
43 100

58 123.4 24.3 36.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059741.D

Acq: 13 Aug 2018 18:48

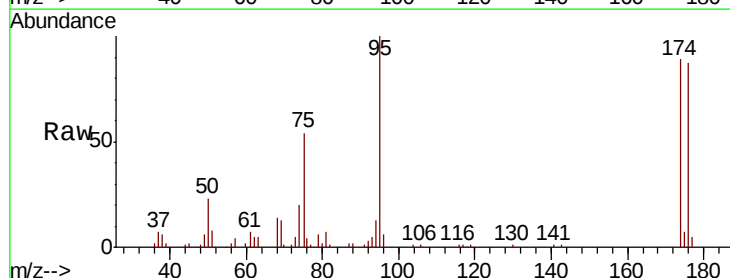
Tgt Ion: 95 Resp: 114298

Ion Ratio Lower Upper

95 100

174 89.2 0.0 143.2

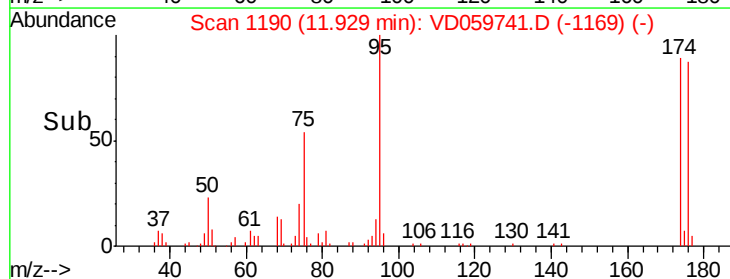
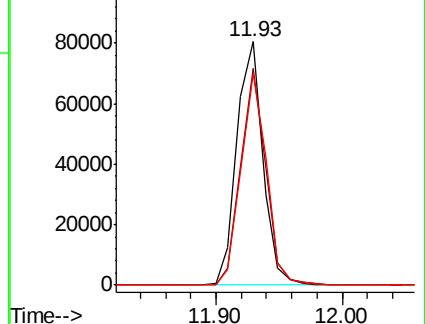
176 87.0 0.0 147.2

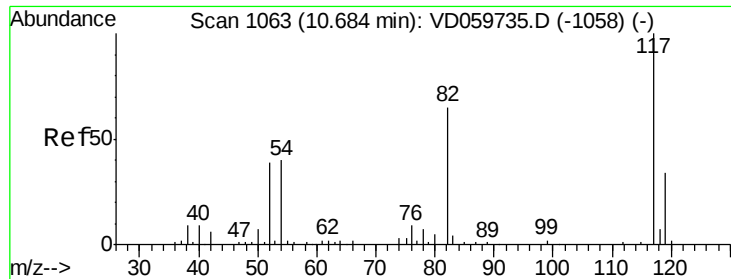


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059741.D

Acq: 13 Aug 2018 18:48

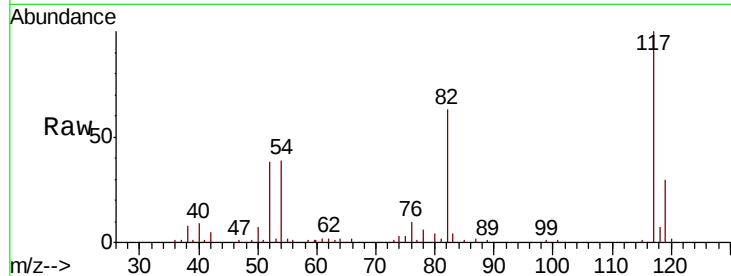
Tgt Ion:117 Resp: 191392

Ion Ratio Lower Upper

117 100

82 62.5 51.9 77.9

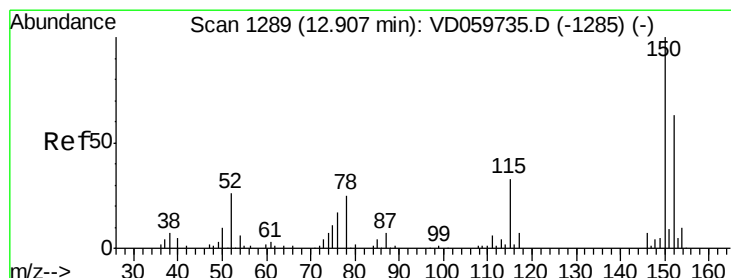
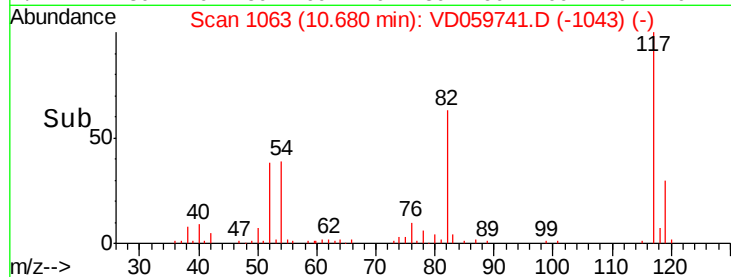
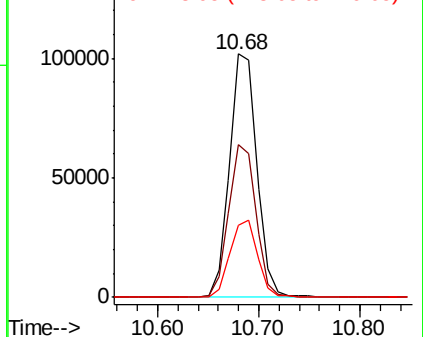
119 29.8 27.4 41.0



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: 12.90 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD059741.D

Acq: 13 Aug 2018 18:48

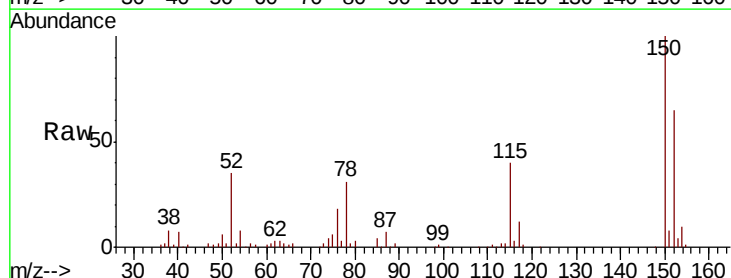
Tgt Ion:152 Resp: 109436

Ion Ratio Lower Upper

152 100

115 62.1 29.8 89.3

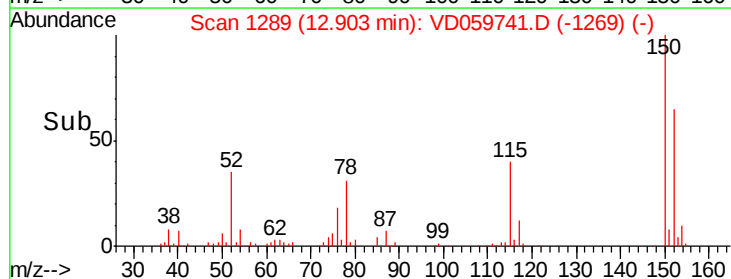
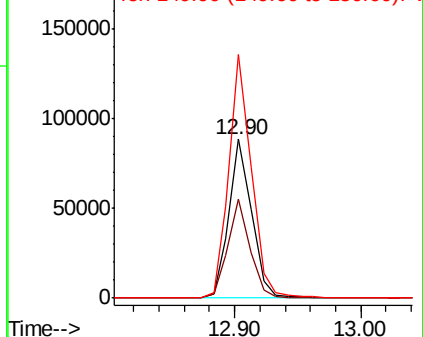
150 153.4 0.0 320.4

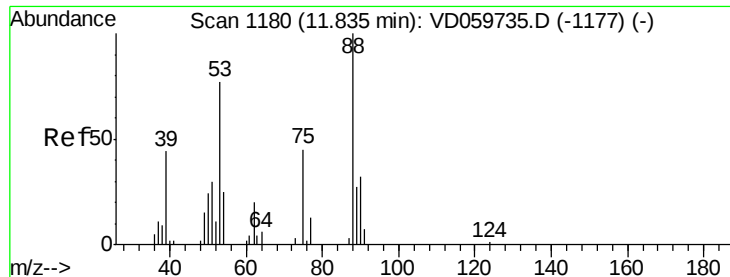


Abundance Ion 151.90 (151.60 to 152.60): V

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: 170.179 ug/l
 RT: 11.93 min Scan# 1190
 Delta R.T. 0.09 min
 Lab File: VD059741.D
 Acq: 13 Aug 2018 18:48

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	137.5	206.3#
89	0.0	48.3	72.5#

