

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
 Data File : VD059754.D
 Acq On : 14 Aug 2018 00:56
 Operator : VA/AP
 Sample : J4442-51
 Misc : 6.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

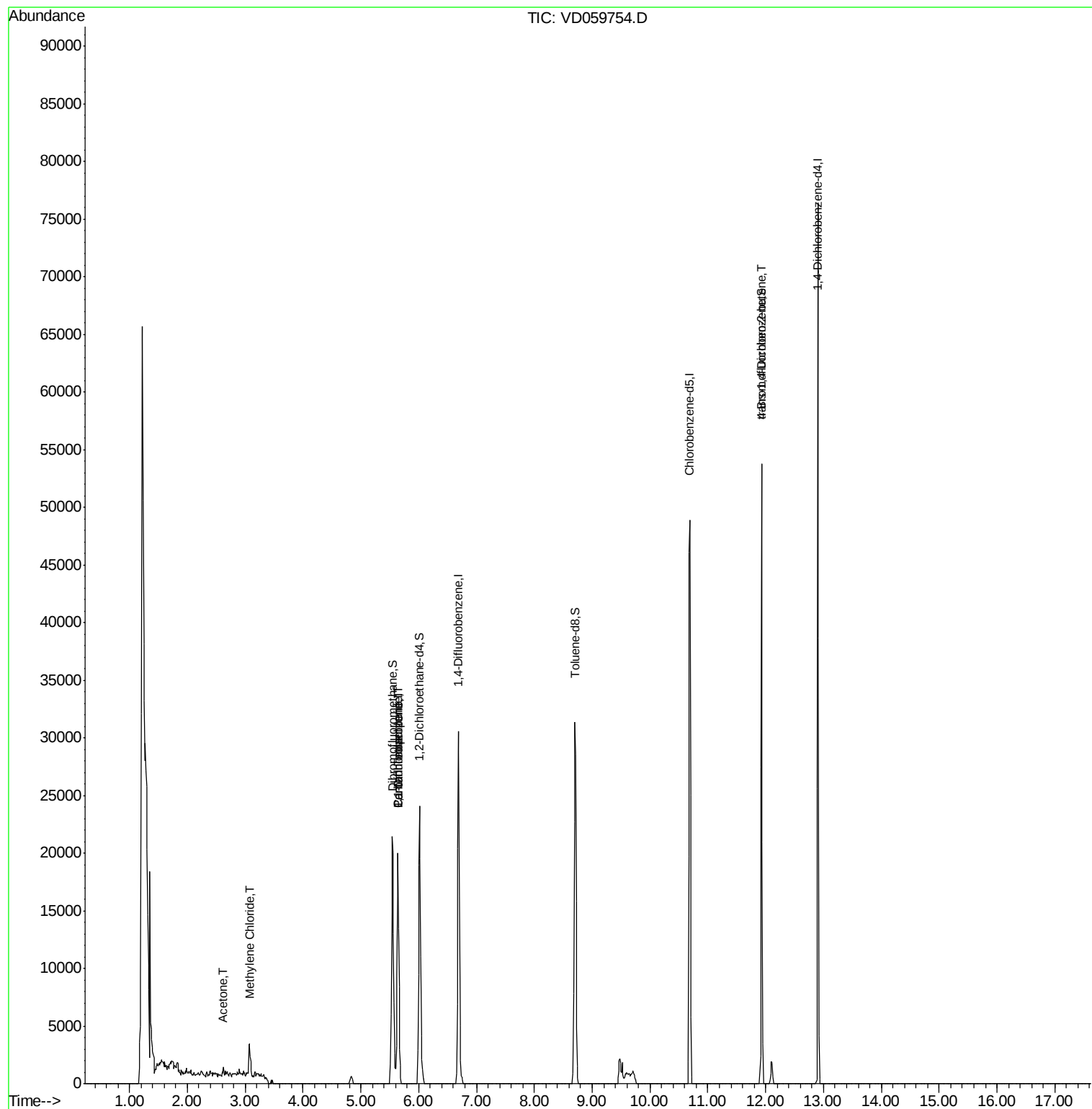
Quant Time: Aug 14 03:53:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

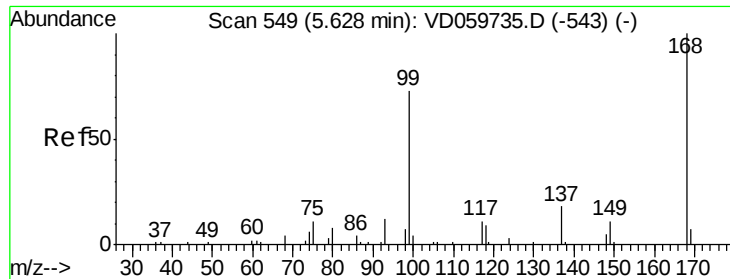
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	5.64	168	18544	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.69	114	30313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	28503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	14186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	27456	94.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	189.18%	
35) Dibromofluoromethane	5.54	113	16845	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
50) Toluene-d8	8.70	98	27034	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
62) 4-Bromofluorobenzene	11.93	95	13487	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds					Qvalue	
16) Acetone	2.62	43	212	4.471	ug/l #	59
20) Methylene Chloride	3.07	84	1356	9.906	ug/l #	68
36) 1,1-Dichloropropene	5.64	75	1568	4.457	ug/l #	45
38) Carbon Tetrachloride	5.63	117	1601	2.892	ug/l #	11
81) trans-1,4-Dichloro-2-buten	11.93	75	7164	151.568	ug/l #	1
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 551

Delta R.T. 0.02 min

Lab File: VD059754.D

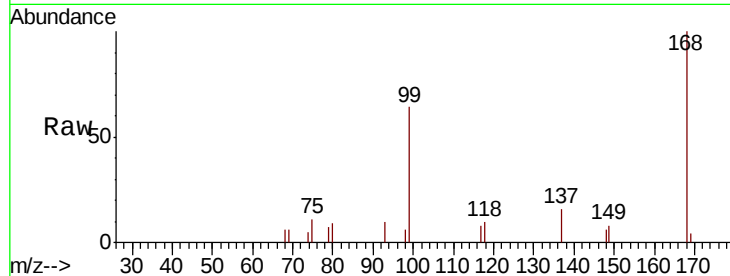
Acq: 14 Aug 2018 00:56

Tgt Ion: 168 Resp: 18544

Ion Ratio Lower Upper

168 100

99 64.0 61.4 92.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

8000

6000

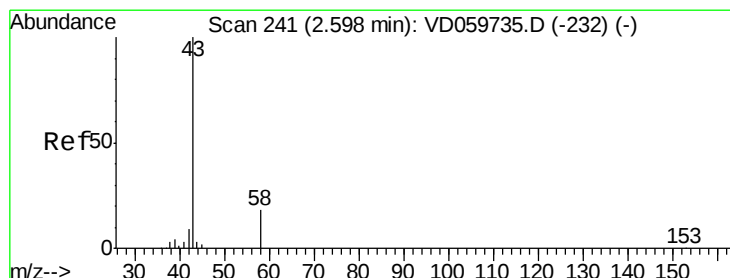
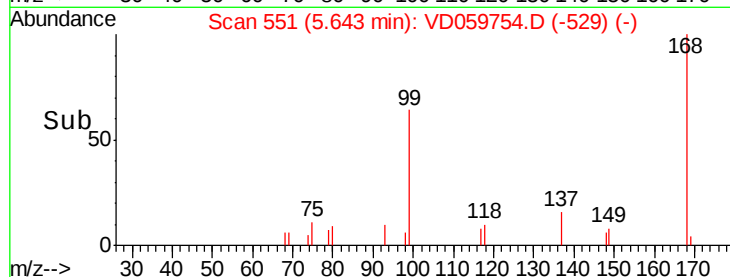
4000

2000

0

5.55 5.60 5.65 5.70 5.75

Time-->



#16

Acetone

Concen: 4.471 ug/l

RT: 2.62 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD059754.D

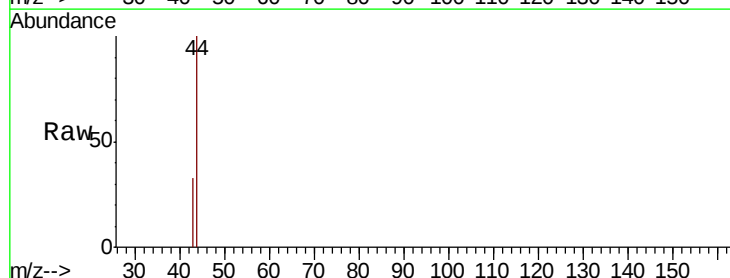
Acq: 14 Aug 2018 00:56

Tgt Ion: 43 Resp: 212

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

2.62

400

300

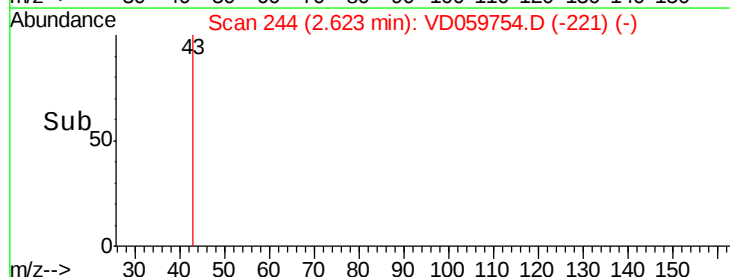
200

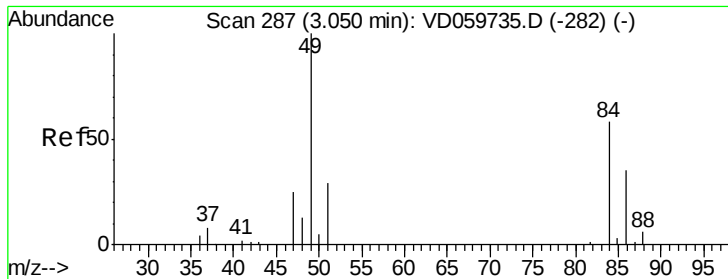
100

0

2.60 2.62 2.64

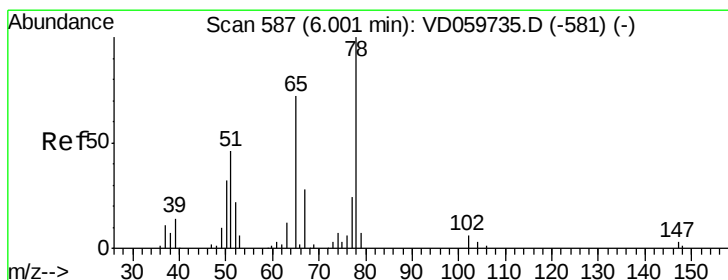
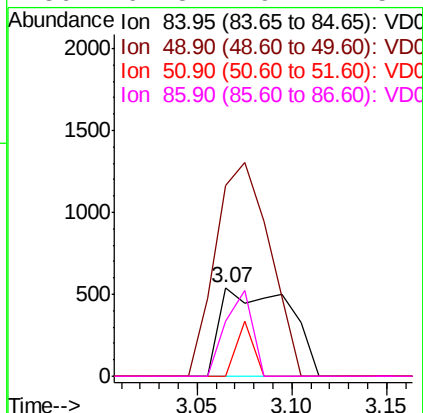
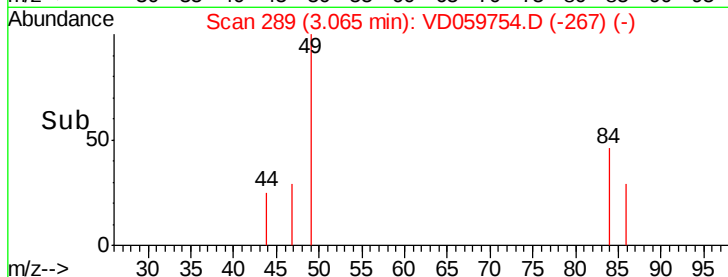
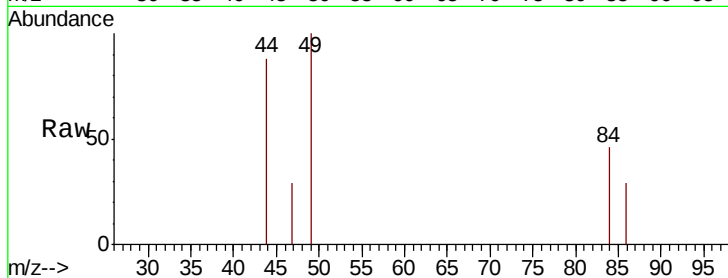
Time-->





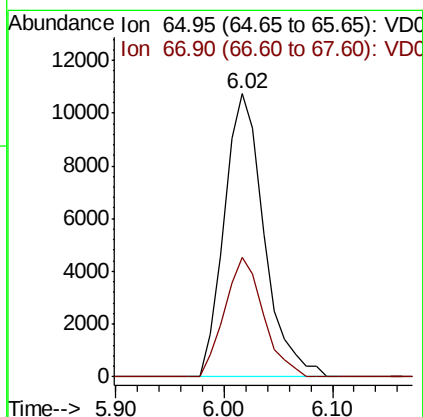
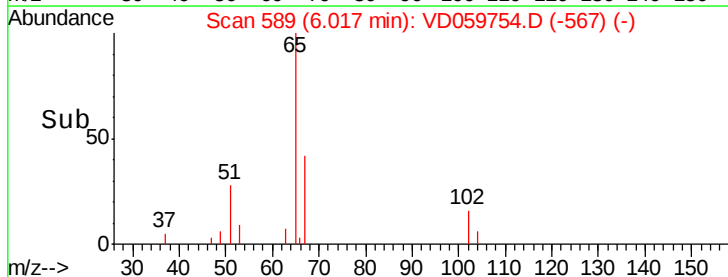
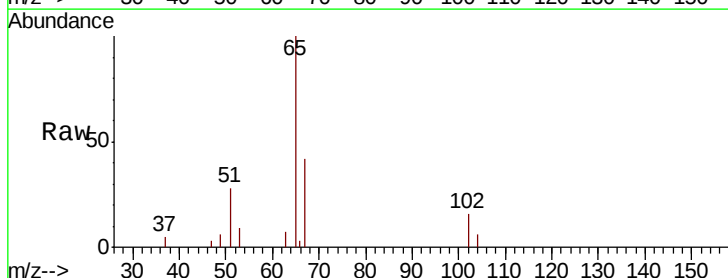
#20
Methylene Chloride
Concen: 9.906 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.02 min
Lab File: VD059754.D
Acq: 14 Aug 2018 00:56

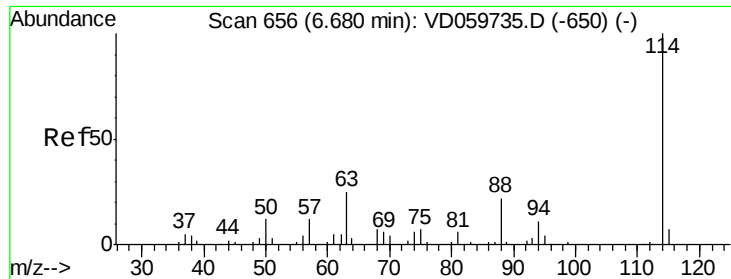
Tgt Ion: 84 Resp: 1356
Ion Ratio Lower Upper
84 100
49 215.9 138.9 208.3#
51 0.0 40.2 60.2#
86 62.8 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.02 min
Lab File: VD059754.D
Acq: 14 Aug 2018 00:56

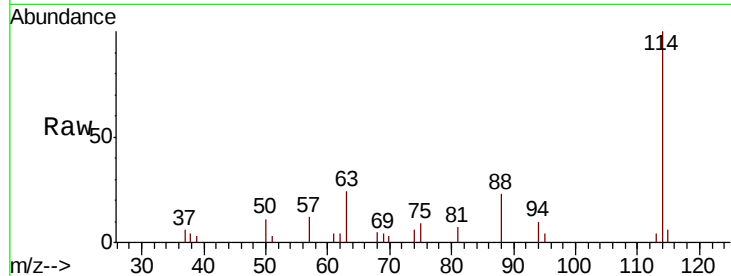
Tgt Ion: 65 Resp: 27456
Ion Ratio Lower Upper
65 100
67 42.4 0.0 77.4



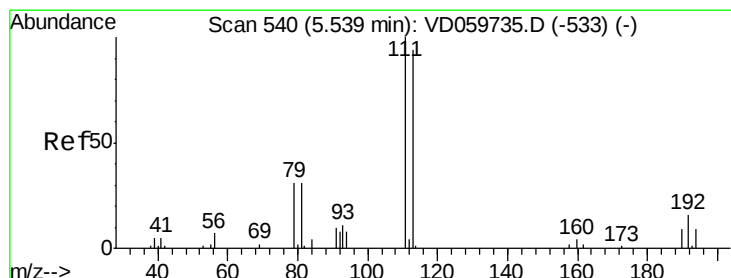
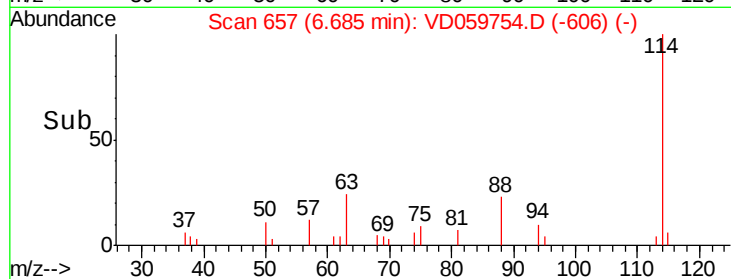
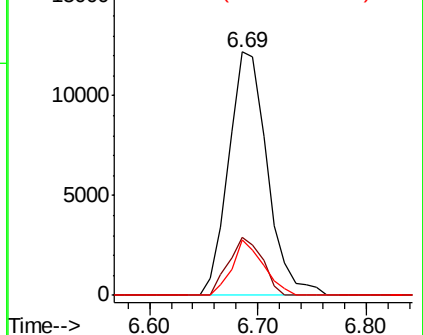


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059754.D
 Acq: 14 Aug 2018 00:56

Tgt Ion:114 Resp: 30313
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.6
 88 22.8 0.0 43.4

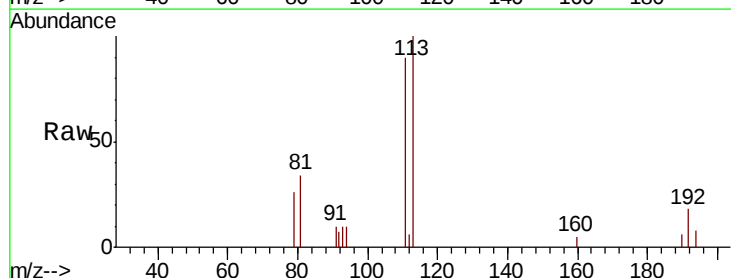


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

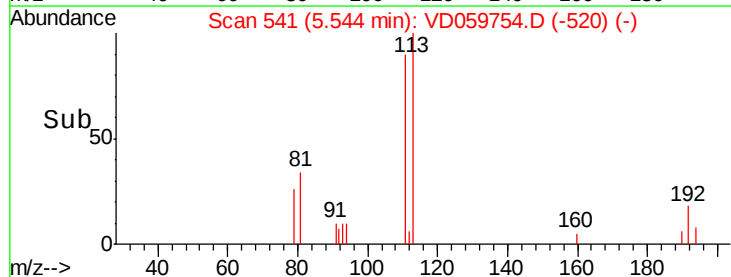
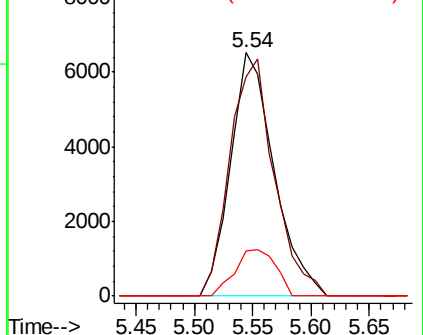


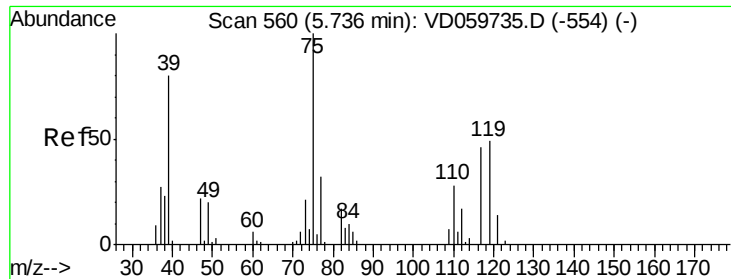
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VD059754.D
 Acq: 14 Aug 2018 00:56

Tgt Ion:113 Resp: 16845
 Ion Ratio Lower Upper
 113 100
 111 89.8 85.3 127.9
 192 18.5 13.9 20.9



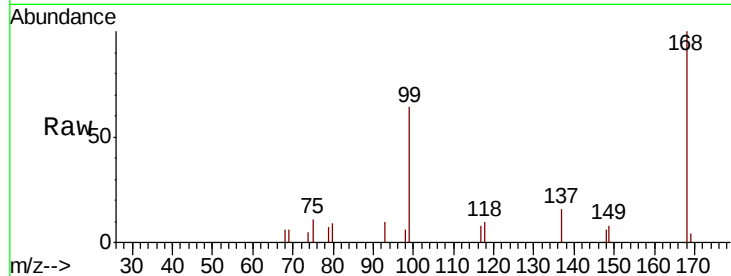
Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



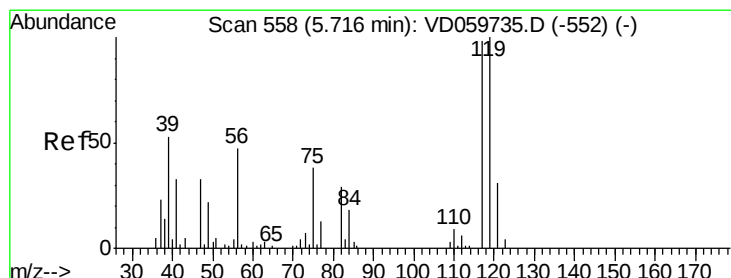
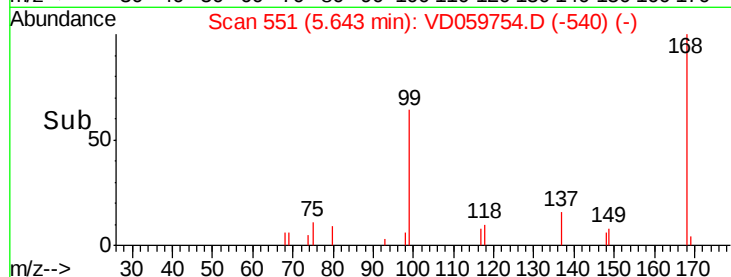
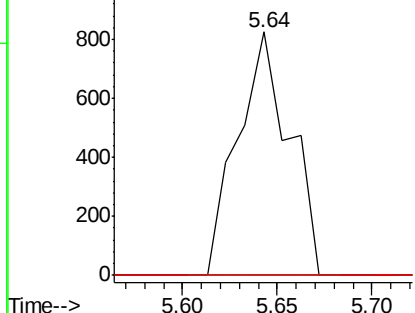


#36
 1,1-Dichloropropene
 Concen: 4.457 ug/l
 RT: 5.64 min Scan# 551
 Delta R.T. -0.09 min
 Lab File: VD059754.D
 Acq: 14 Aug 2018 00:56

Tgt Ion: 75 Resp: 1568
 Ion Ratio Lower Upper
 75 100
 110 0.0 13.7 41.0#
 77 0.0 25.4 38.2#

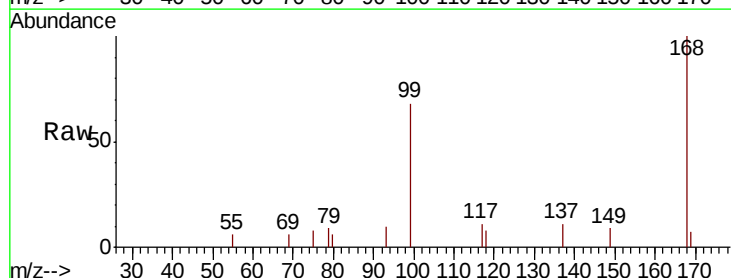


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

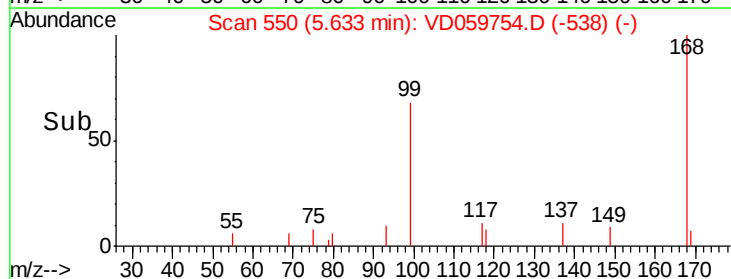
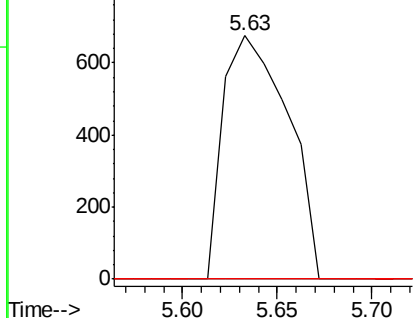


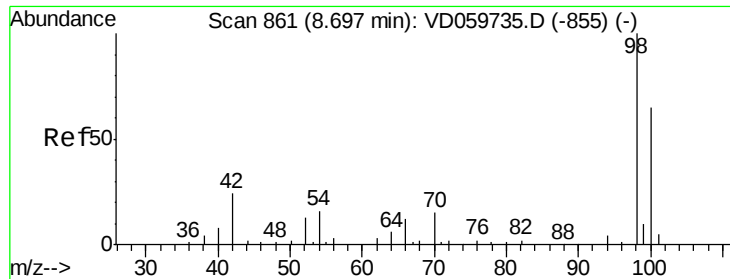
#38
 Carbon Tetrachloride
 Concen: 2.892 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.08 min
 Lab File: VD059754.D
 Acq: 14 Aug 2018 00:56

Tgt Ion: 117 Resp: 1601
 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: VD059754.D

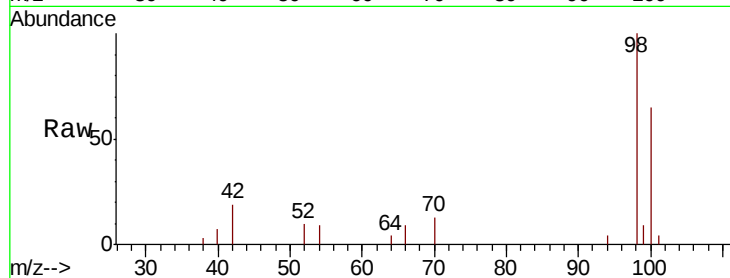
Acq: 14 Aug 2018 00:56

Tgt Ion: 98 Resp: 27034

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



Abundance Ion 98.05 (97.75 to 98.75): VD059735.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD059735.D (-855) (-)

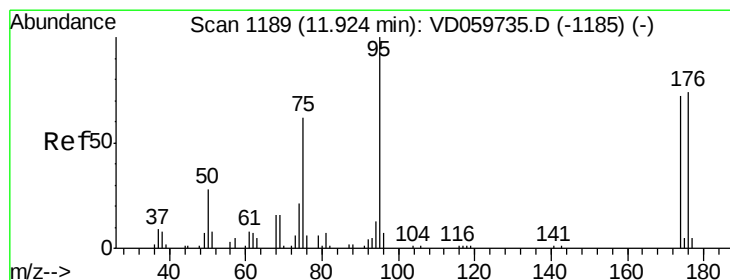
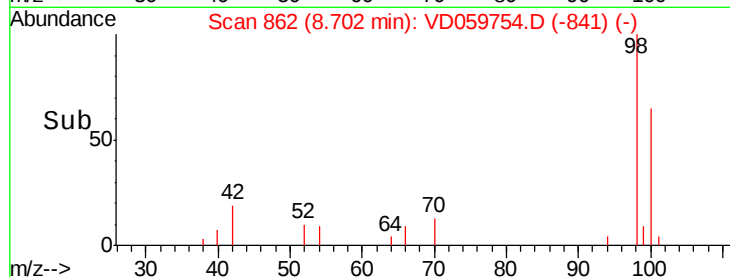
8.70

10000

5000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059754.D

Acq: 14 Aug 2018 00:56

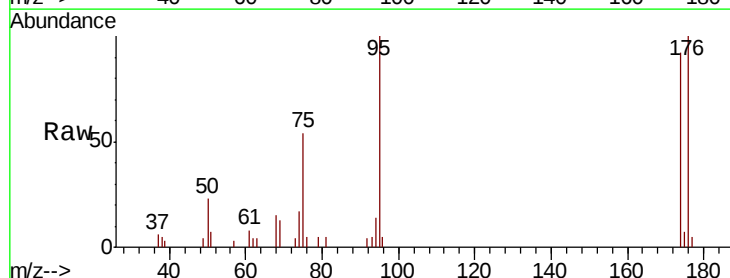
Tgt Ion: 95 Resp: 13487

Ion Ratio Lower Upper

95 100

174 92.0 0.0 143.2

176 99.9 0.0 147.2



Abundance Ion 95.00 (94.70 to 95.70): VD059735.D (-1185) (-)

Ion 173.90 (173.60 to 174.60): VD059735.D (-1185) (-)

Ion 175.90 (175.60 to 176.60): VD059735.D (-1185) (-)

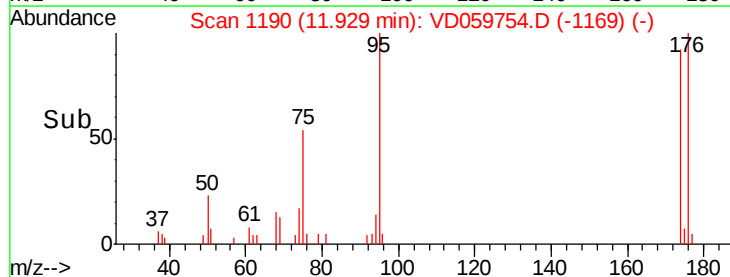
11.93

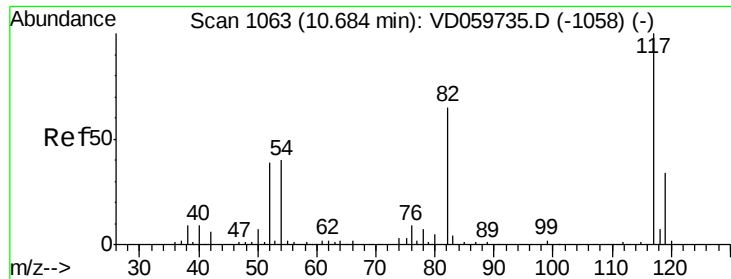
10000

5000

0

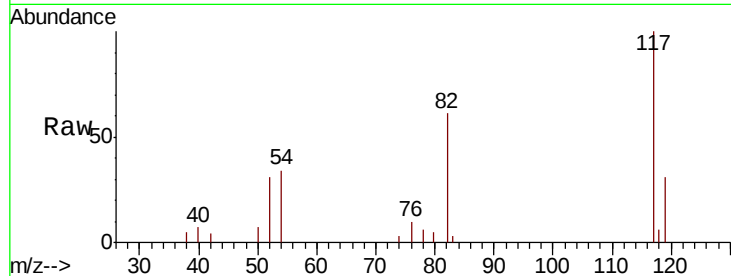
Time--> 11.90 11.95



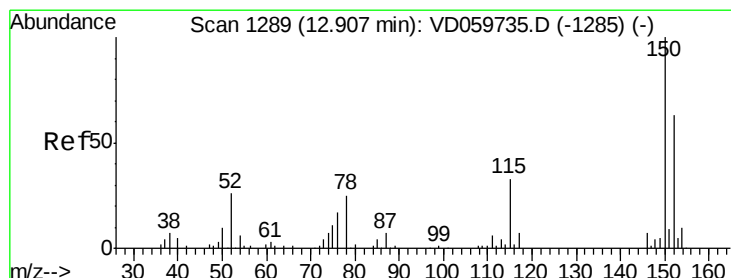
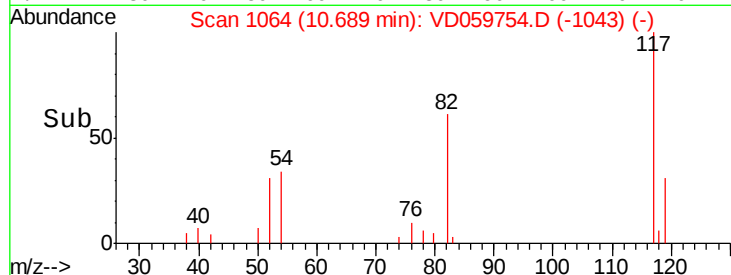
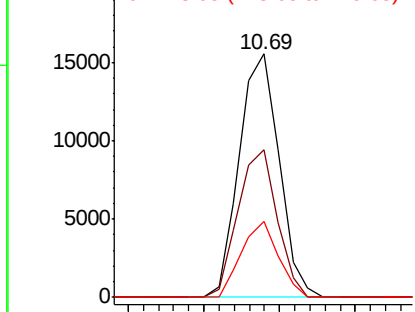


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD059754.D
Acq: 14 Aug 2018 00:56

Tgt Ion:117 Resp: 28503
Ion Ratio Lower Upper
117 100
82 60.6 51.9 77.9
119 31.3 27.4 41.0

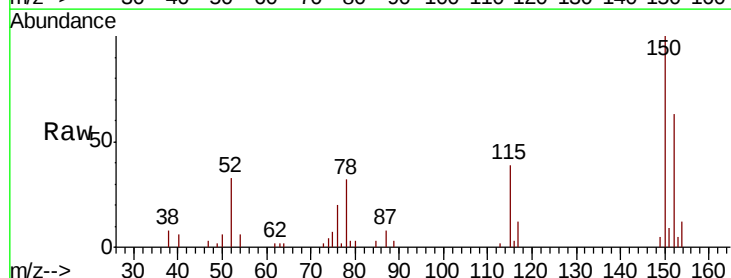


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

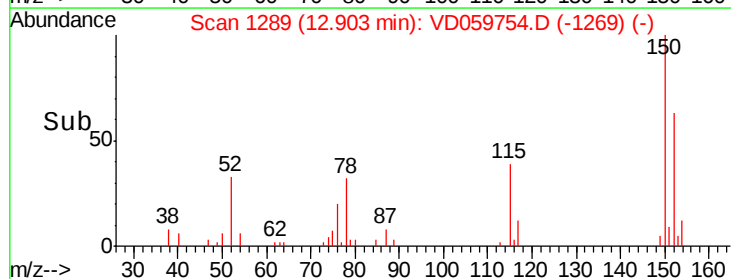
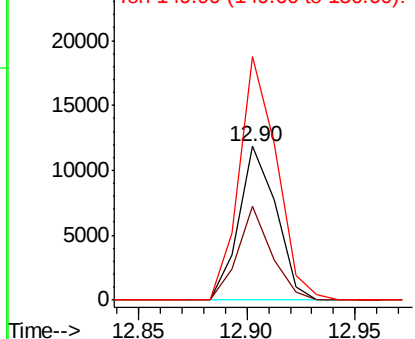


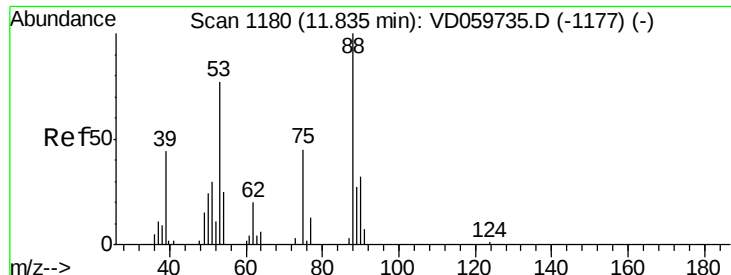
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059754.D
Acq: 14 Aug 2018 00:56

Tgt Ion:152 Resp: 14186
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 158.6 0.0 320.4



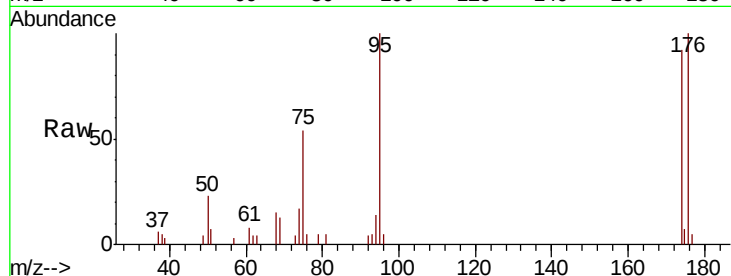
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.568 ug/l
 RT: 11.93 min Scan# 1190
 Delta R.T. 0.09 min
 Lab File: VD059754.D
 Acq: 14 Aug 2018 00:56

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



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 53.00 (52.70 to 53.70): VDC
 Ion 89.00 (88.70 to 89.70): VDC

