

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
 Data File : VD059761.D
 Acq On : 14 Aug 2018 4:13
 Operator : VA/AP
 Sample : J4449-02
 Misc : 3.92g/5ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

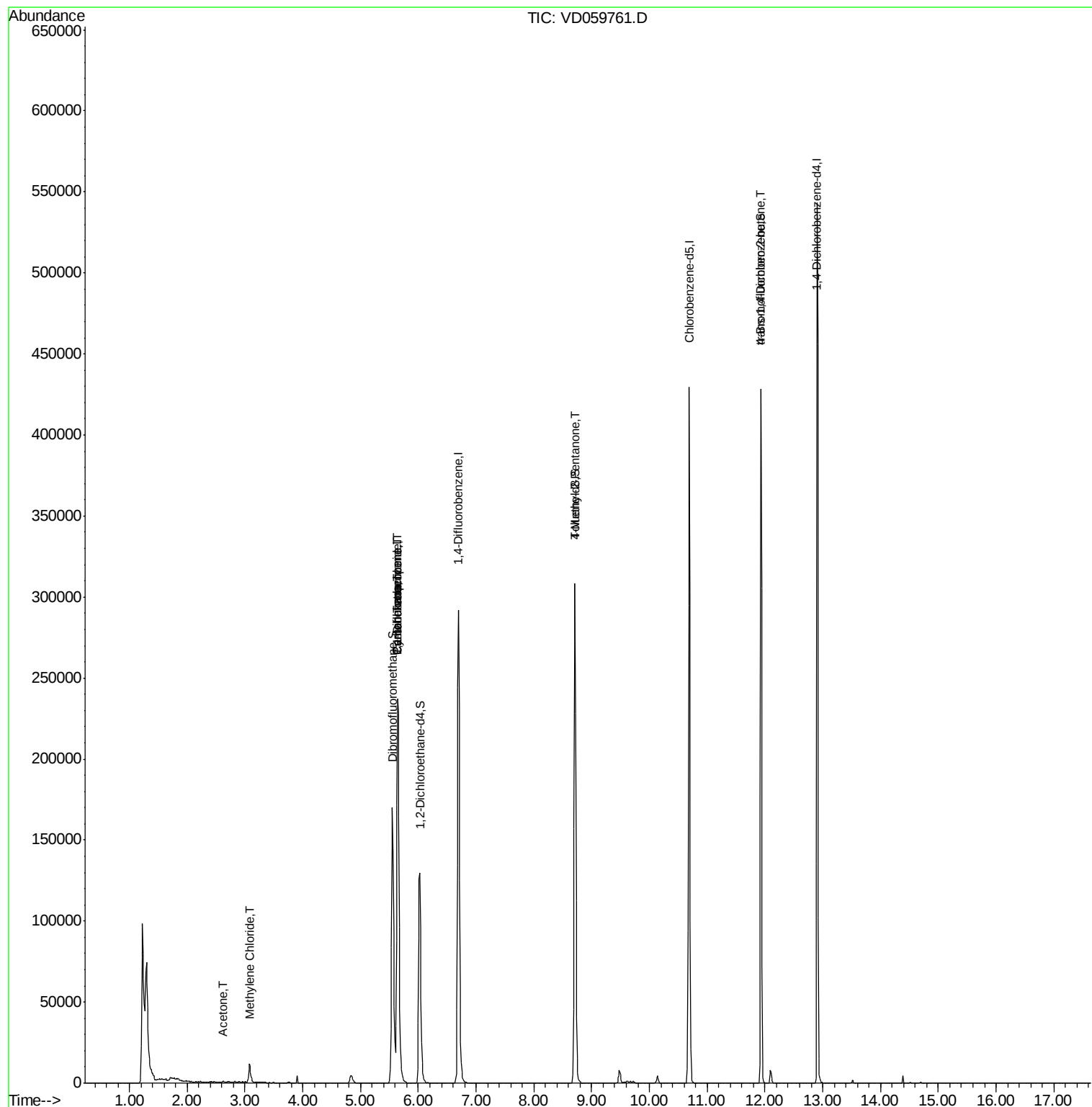
Quant Time: Aug 14 04:52:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

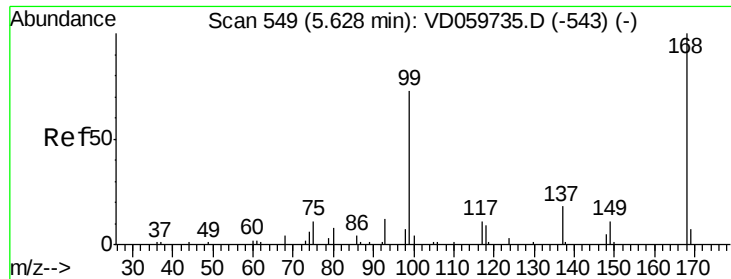
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	200946	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	260100	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	200350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	108297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	159744	50.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	5.55	113	133453	49.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	8.71	98	235790	44.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	11.93	95	109710	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	
Target Compounds						
					Qvalue	
16) Acetone	2.61	43	636	1.238	ug/l #	59
20) Methylene Chloride	3.08	84	5588	3.767	ug/l #	74
31) Cyclohexane	5.64	56	5903	2.913	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	19218	6.366	ug/l #	55
38) Carbon Tetrachloride	5.64	117	22313	4.697	ug/l #	14
51) 4-Methyl-2-Pentanone	8.71	43	1488	1.154	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	64194	177.905	ug/l #	1

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

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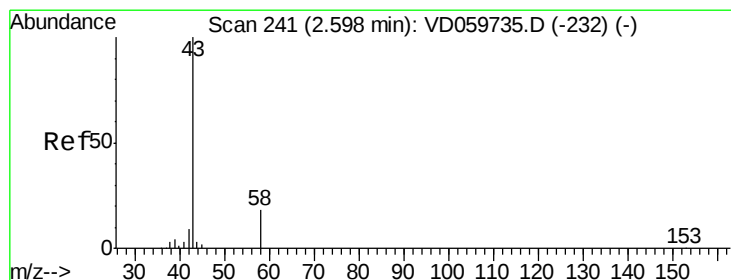
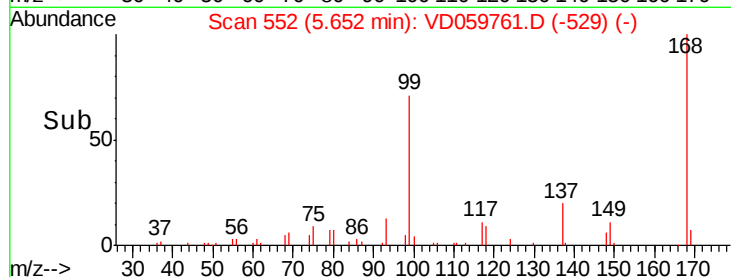
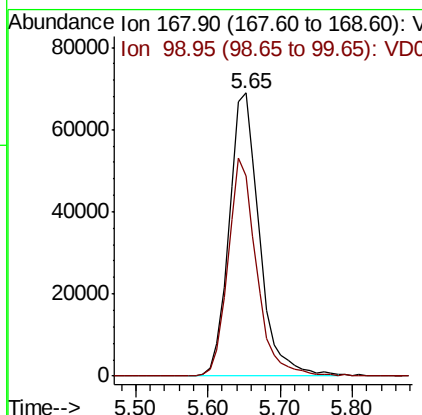
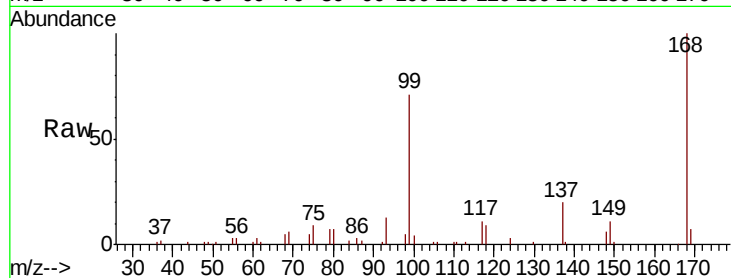
Quant Time: Aug 14 04:52:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
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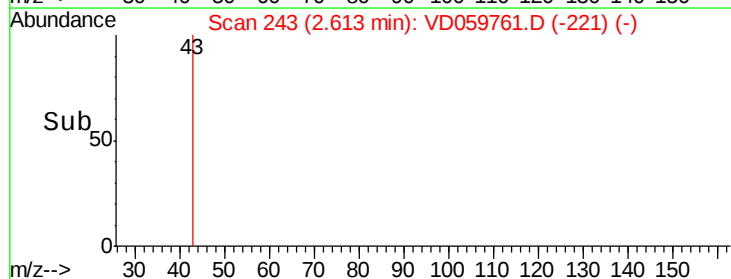
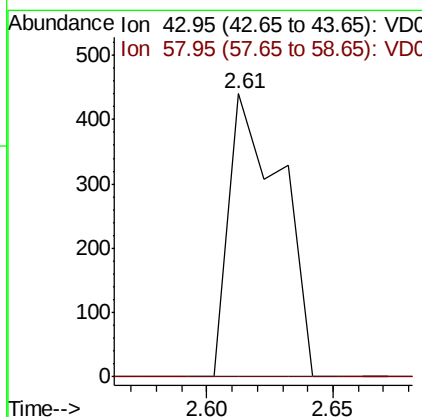
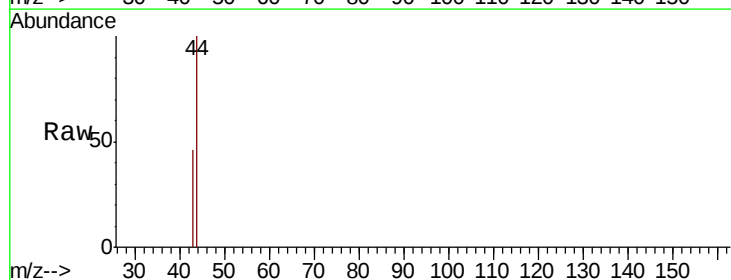
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 552
Delta R.T. 0.02 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

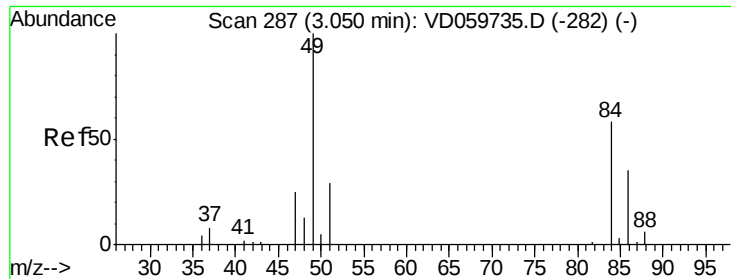
Tgt Ion: 168 Resp: 200946
Ion Ratio Lower Upper
168 100
99 70.8 61.4 92.2



#16
Acetone
Concen: 1.238 ug/l
RT: 2.61 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

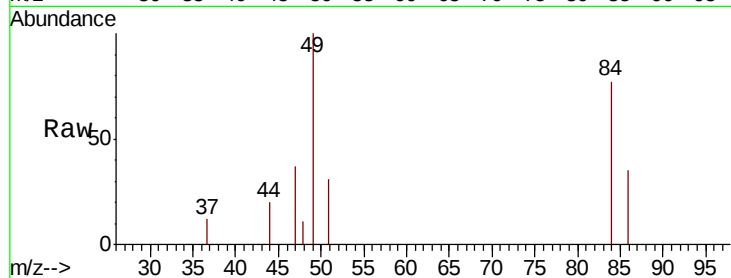
Tgt Ion: 43 Resp: 636
Ion Ratio Lower Upper
43 100
58 0.0 14.6 21.8#



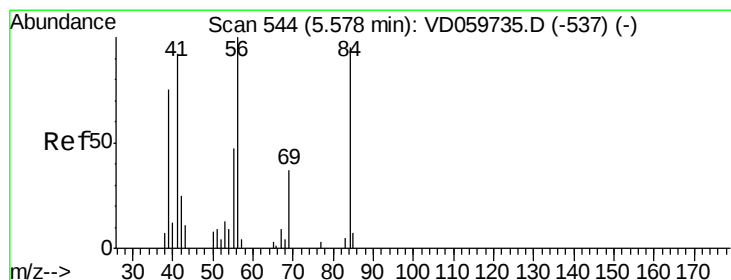
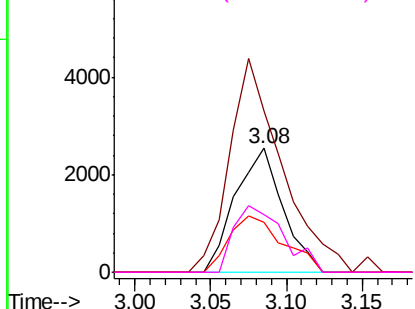
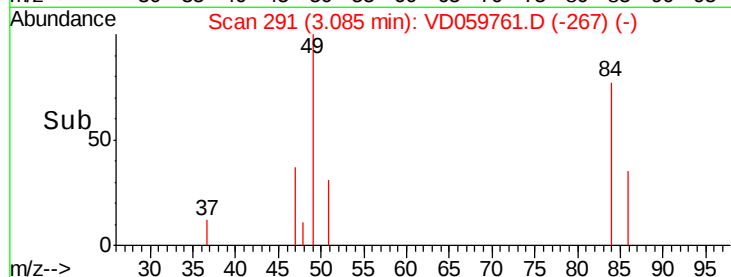


#20
Methylene Chloride
Concen: 3.767 ug/l
RT: 3.08 min Scan# 291
Delta R.T. 0.03 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

Tgt Ion: 84 Resp: 5588
Ion Ratio Lower Upper
84 100
49 130.2 138.9 208.3#
51 40.4 40.2 60.2
86 46.0 49.1 73.7#

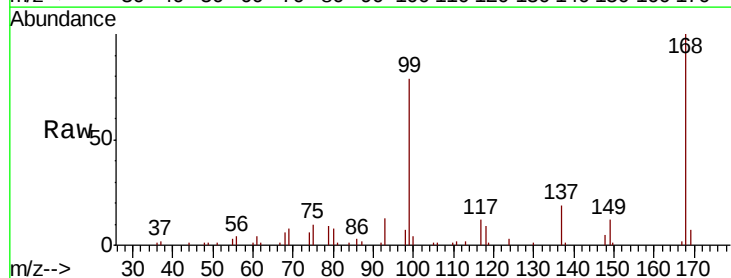


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

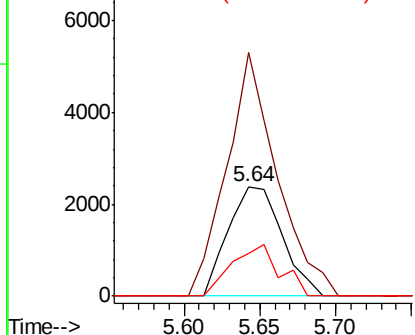
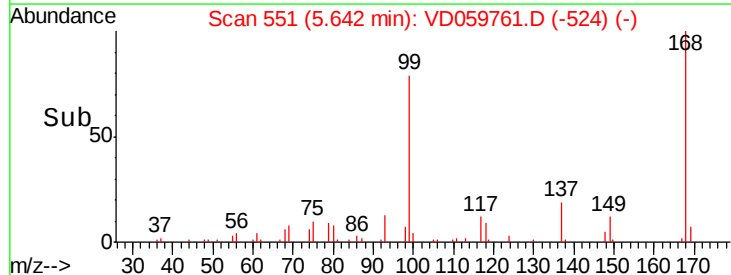


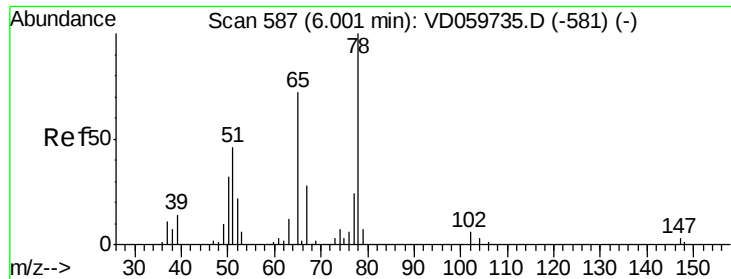
#31
Cyclohexane
Concen: 2.913 ug/l
RT: 5.64 min Scan# 551
Delta R.T. 0.06 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

Tgt Ion: 56 Resp: 5903
Ion Ratio Lower Upper
56 100
69 222.1 29.3 43.9#
84 39.5 76.2 114.2#



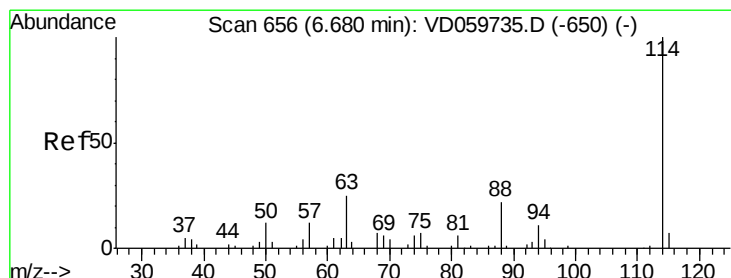
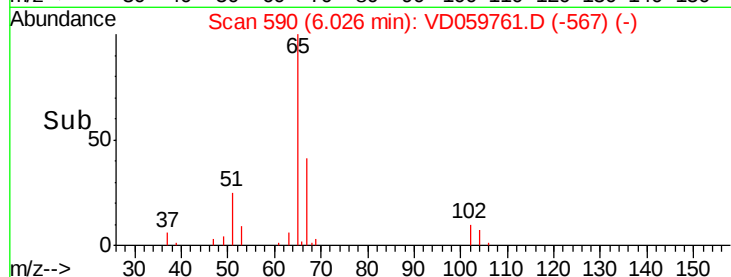
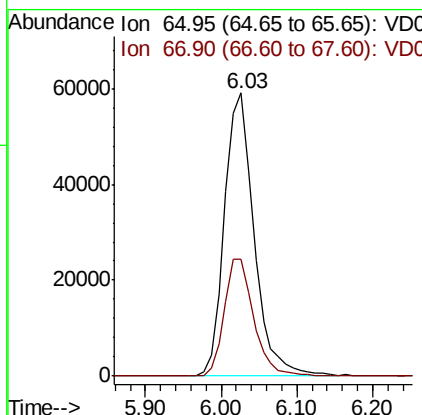
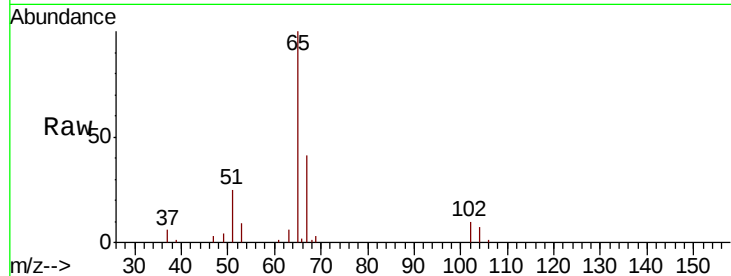
Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC





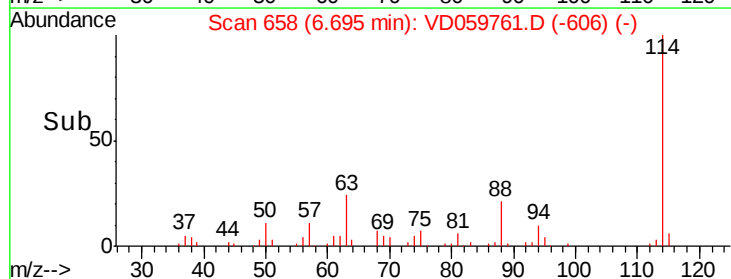
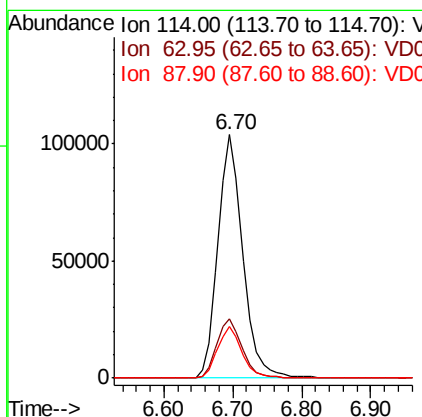
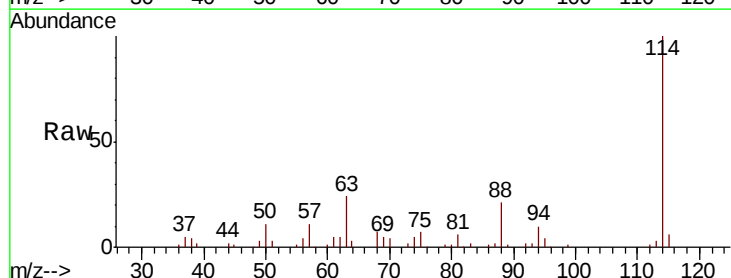
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.03 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: VD059761.D
 Acq: 14 Aug 2018 4:13

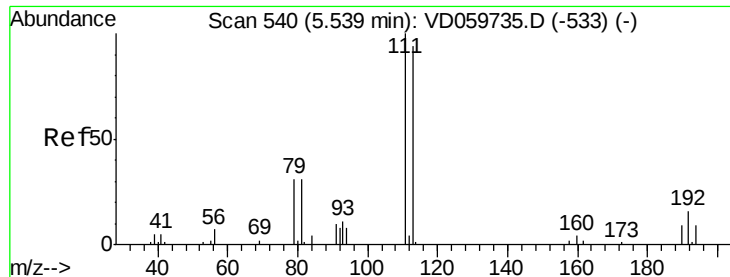
Tgt Ion: 65 Resp: 159744
 Ion Ratio Lower Upper
 65 100
 67 41.2 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD059761.D
 Acq: 14 Aug 2018 4:13

Tgt Ion: 114 Resp: 260100
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.6
 88 21.4 0.0 43.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD059761.D

Acq: 14 Aug 2018 4:13

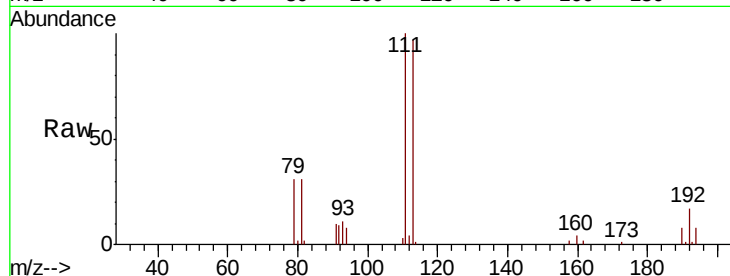
Tgt Ion: 113 Resp: 133453

Ion Ratio Lower Upper

113 100

111 102.6 85.3 127.9

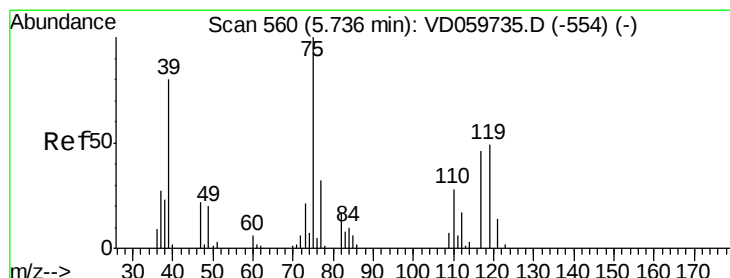
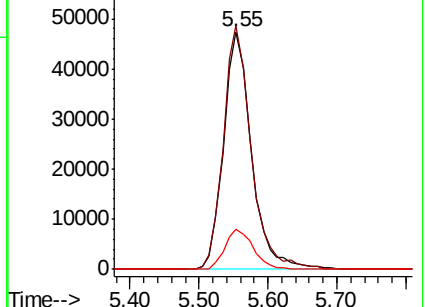
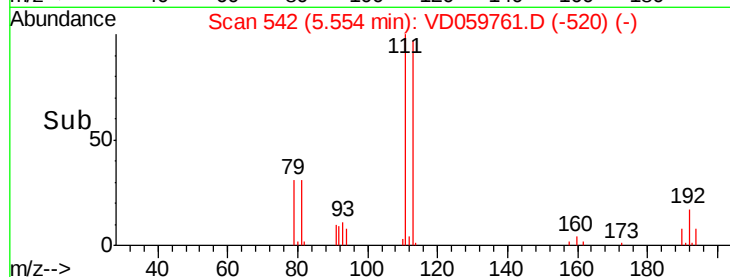
192 17.1 13.9 20.9



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: 6.366 ug/l

RT: 5.64 min Scan# 551

Delta R.T. -0.09 min

Lab File: VD059761.D

Acq: 14 Aug 2018 4:13

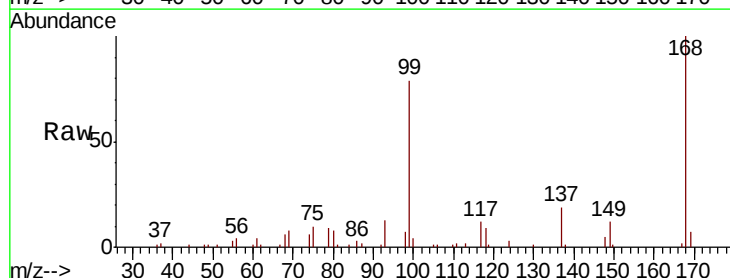
Tgt Ion: 75 Resp: 19218

Ion Ratio Lower Upper

75 100

110 10.8 13.7 41.0#

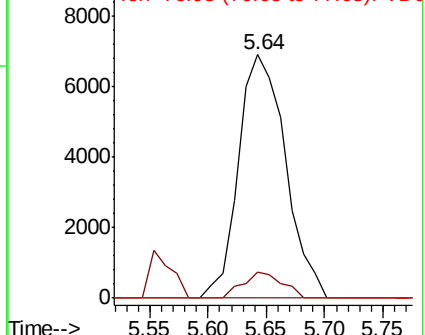
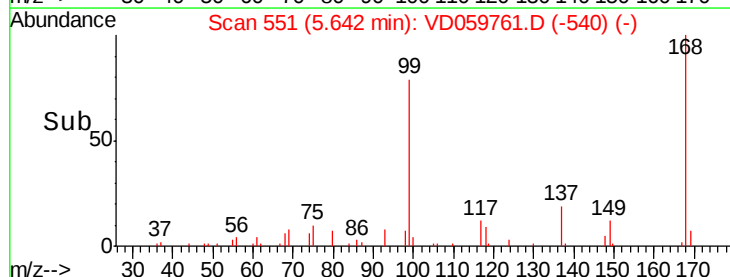
77 0.0 25.4 38.2#

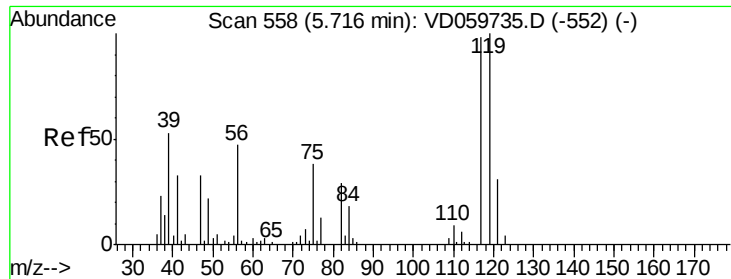


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

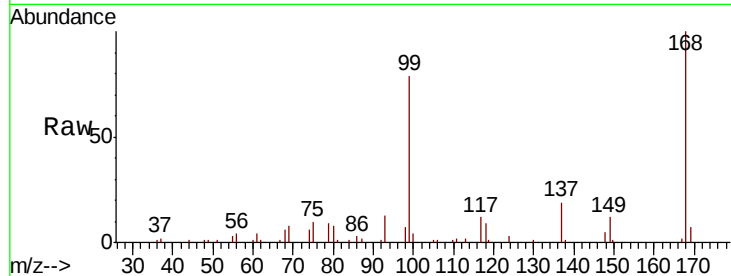
Ion 76.95 (76.65 to 77.65): V



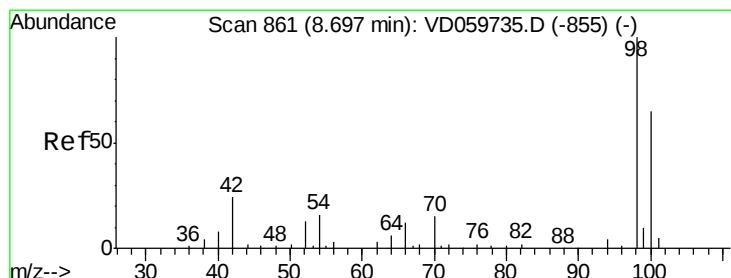
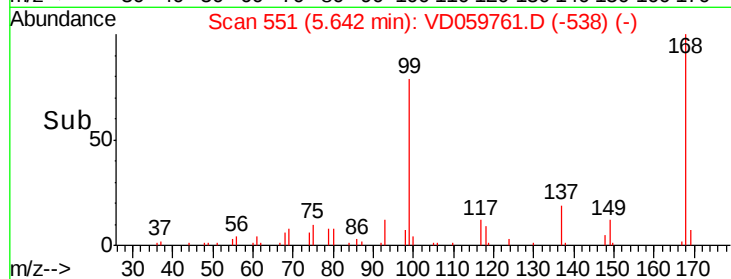
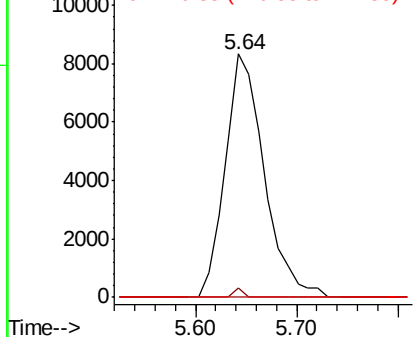


#38
Carbon Tetrachloride
Concen: 4.697 ug/l
RT: 5.64 min Scan# 551
Delta R.T. -0.07 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

Tgt Ion: 117 Resp: 22313
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 23.9 35.9#

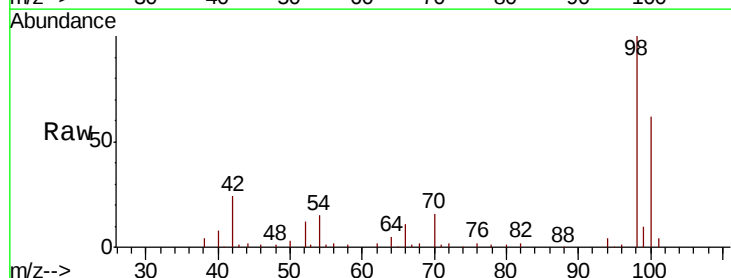


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

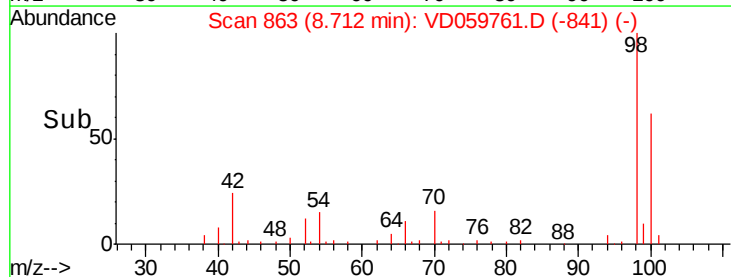
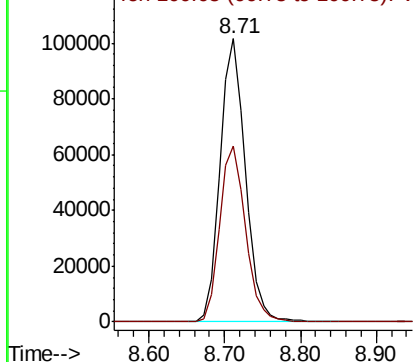


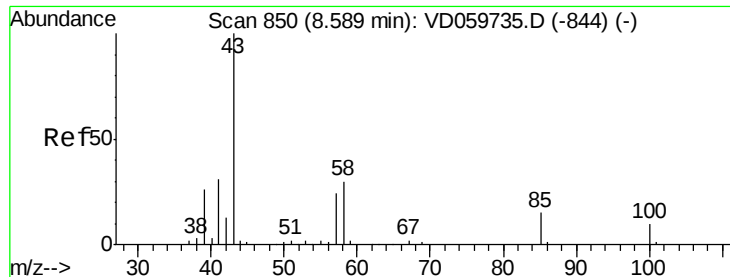
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

Tgt Ion: 98 Resp: 235790
Ion Ratio Lower Upper
98 100
100 62.1 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.154 ug/l

RT: 8.71 min Scan# 863

Delta R.T. 0.12 min

Lab File: VD059761.D

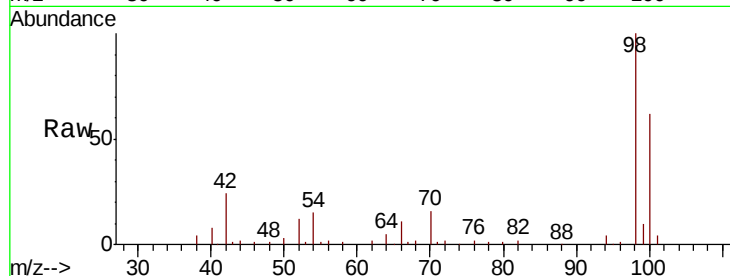
Acq: 14 Aug 2018 4:13

Tgt Ion: 43 Resp: 1488

Ion Ratio Lower Upper

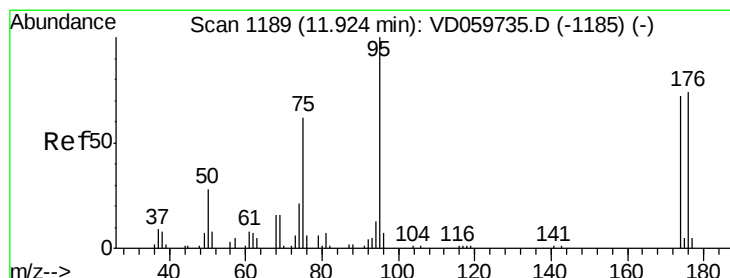
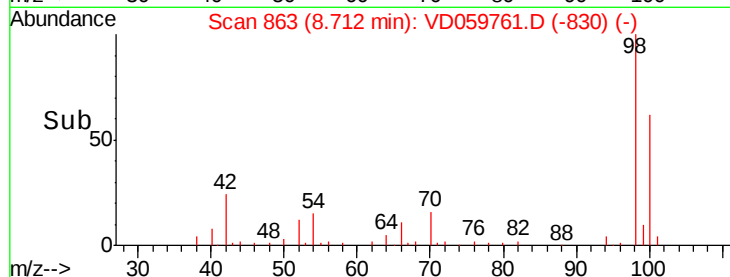
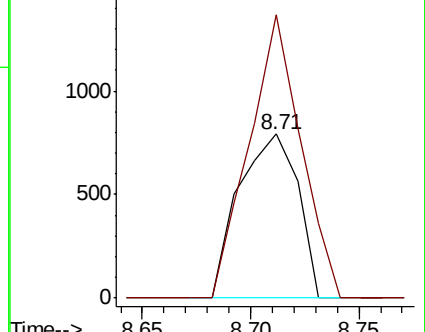
43 100

58 172.6 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: VD059761.D

Acq: 14 Aug 2018 4:13

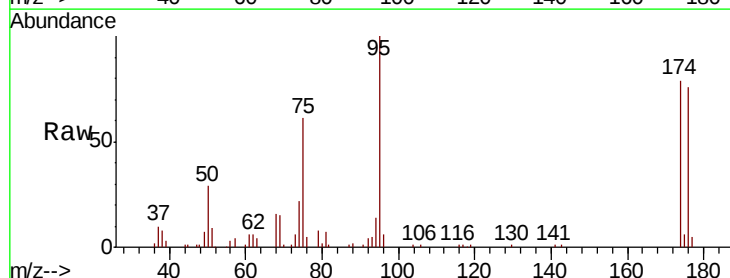
Tgt Ion: 95 Resp: 109710

Ion Ratio Lower Upper

95 100

174 78.6 0.0 143.2

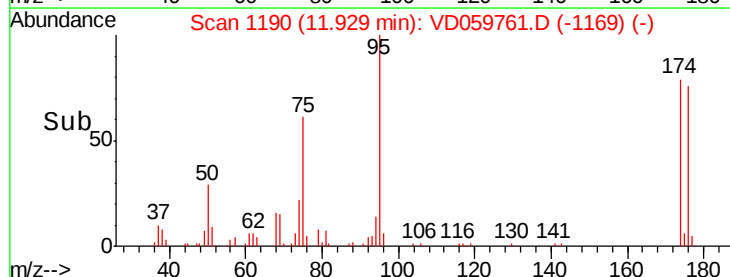
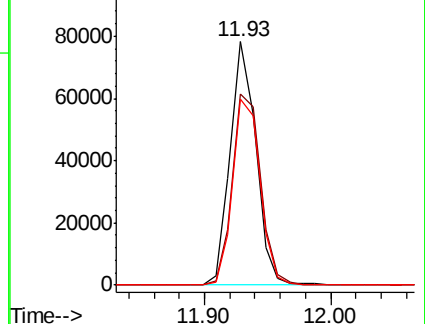
176 76.2 0.0 147.2

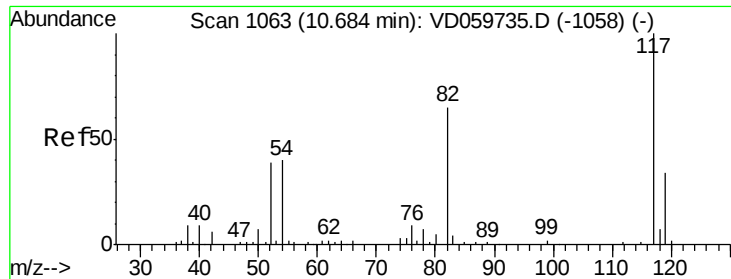


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

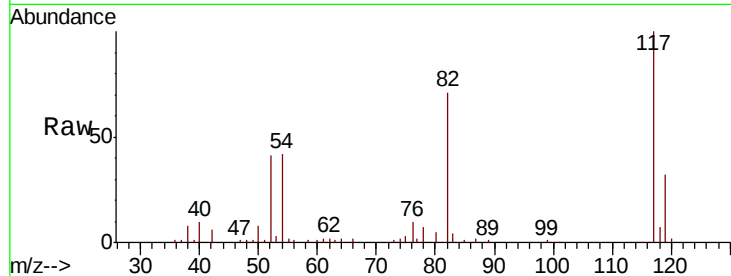
Ion 175.90 (175.60 to 176.60): V



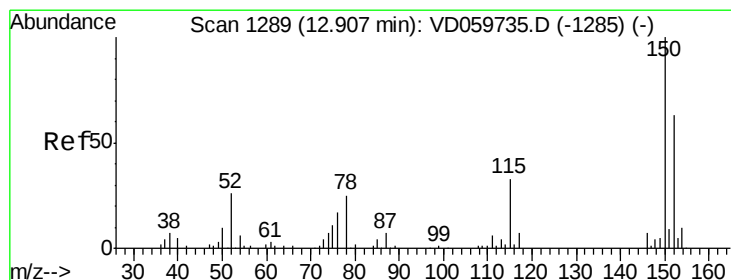
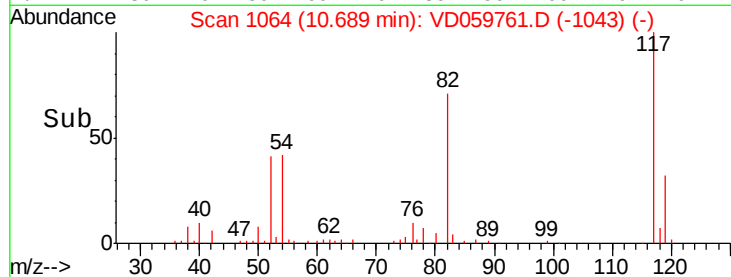
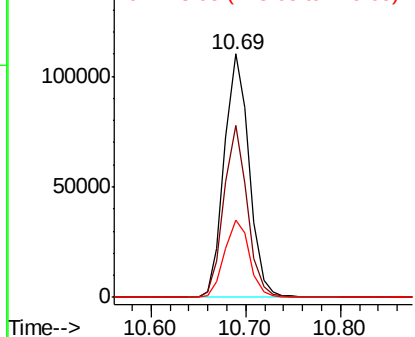


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

Tgt Ion:117 Resp: 200350
Ion Ratio Lower Upper
117 100
82 70.7 51.9 77.9
119 31.8 27.4 41.0

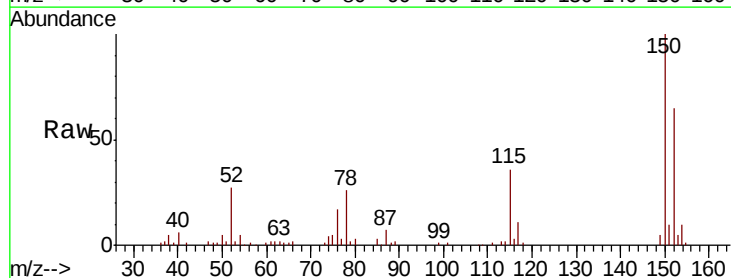


Abundance Ion 116.95 (116.65 to 117.65): V
150000 Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

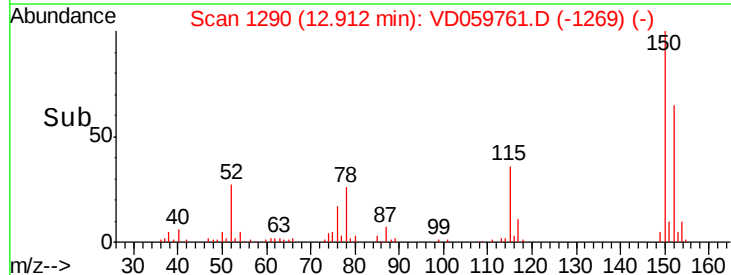
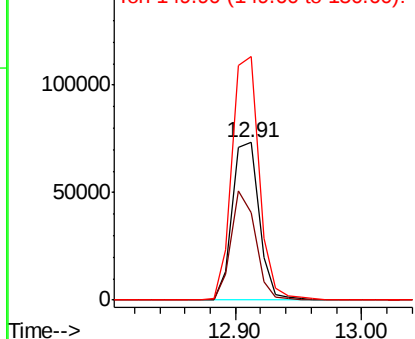


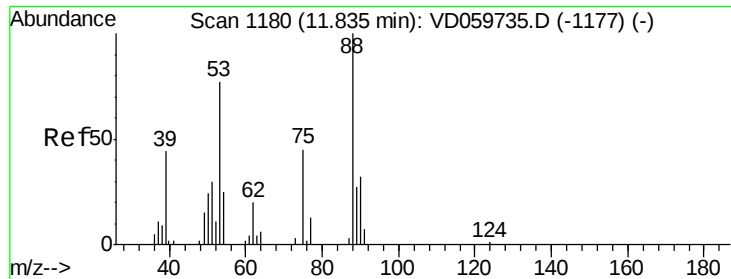
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1290
Delta R.T. 0.01 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

Tgt Ion:152 Resp: 108297
Ion Ratio Lower Upper
152 100
115 55.7 29.8 89.3
150 154.5 0.0 320.4



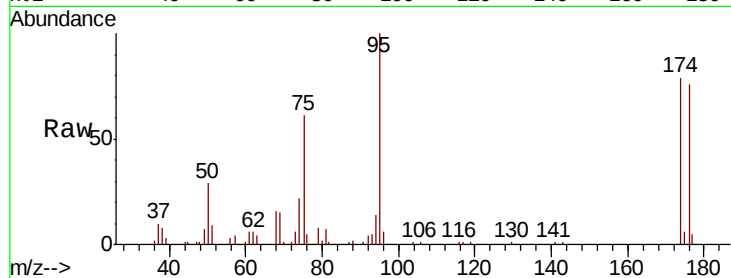
Abundance Ion 151.90 (151.60 to 152.60): V
150000 Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 177.905 ug/l
 RT: 11.93 min Scan# 1190
 Delta R.T. 0.09 min
 Lab File: VD059761.D
 Acq: 14 Aug 2018 4:13

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

