

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062093.D
 Acq On : 30 Apr 2019 18:00
 Operator : FY/SY
 Sample : K2204-05
 Misc : 5.92g/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

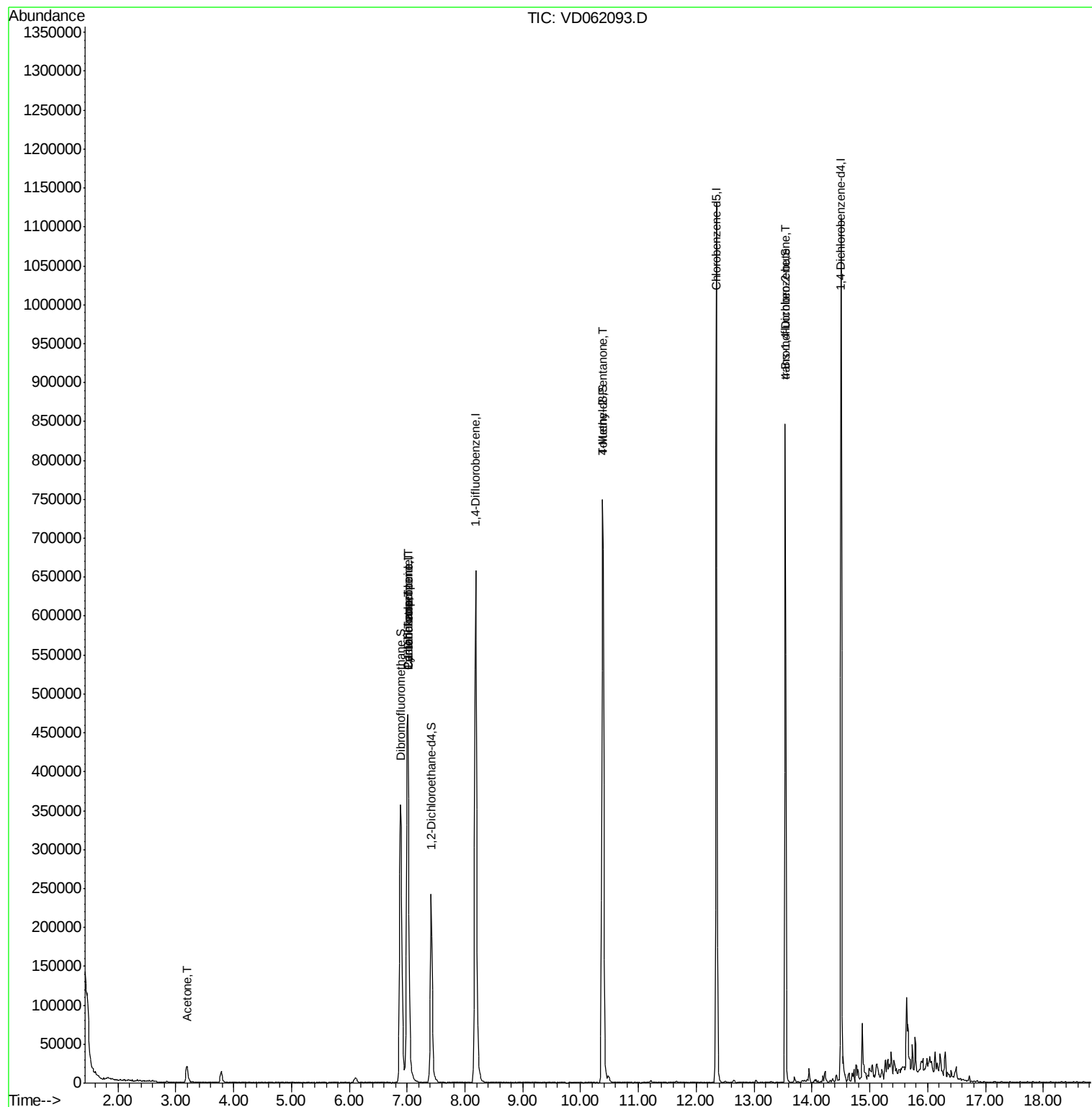
Quant Time: May 01 01:16:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

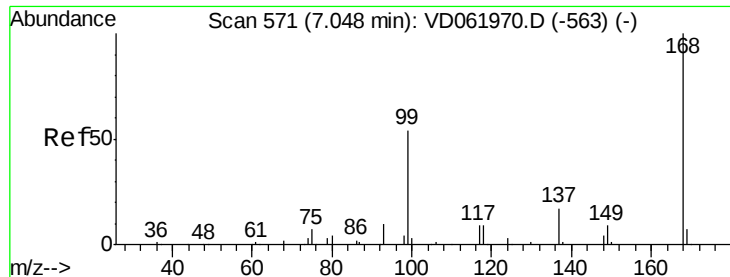
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	497173	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.18	114	812725	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	674504	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	245423	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	231313	59.45	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	118.90%	
35) Dibromofluoromethane	6.88	113	337122	59.98	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	119.96%	
50) Toluene-d8	10.38	98	669912	50.09	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	13.54	95	255248	47.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
					Qvalue	
16) Acetone	3.19	43	43415	46.728	ug/l	95
18) Methyl Acetate	3.61	43	676	Below Cal	#	53
20) Methylene Chloride	3.78	84	9881	Below Cal	#	85
31) Cyclohexane	7.01	56	7793	1.345	ug/l #	1
36) 1,1-Dichloropropene	7.01	75	36241	5.723	ug/l #	45
38) Carbon Tetrachloride	7.01	117	48228	6.011	ug/l #	17
51) 4-Methyl-2-Pentanone	10.38	43	2857	1.185	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	98443	104.236	ug/l #	16

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

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Misc : 5.92g/5mL/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 01 01:16:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.04 min

Lab File: VD062093.D

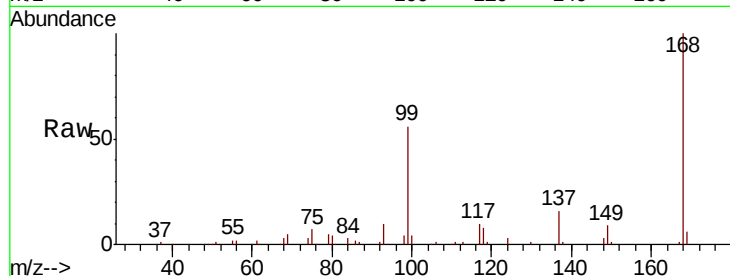
Acq: 30 Apr 2019 18:00

Tot Ion:168 Resp: 497173

Ion Ratio Lower Upper

168 100

99 55.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

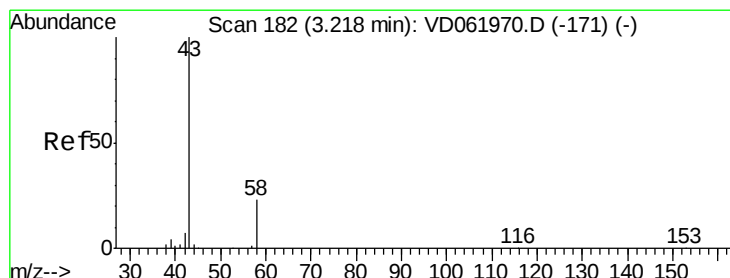
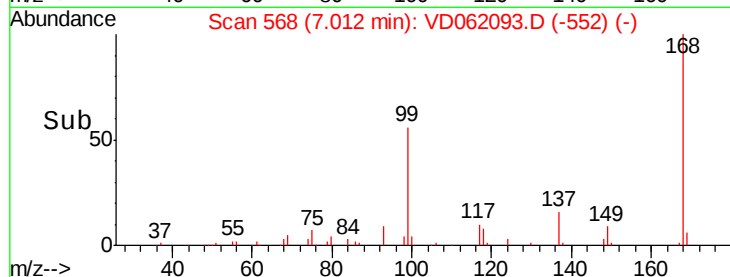
150000

100000

50000

0

Time--> 6.80 7.00 7.20



#16

Acetone

Concen: 46.728 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062093.D

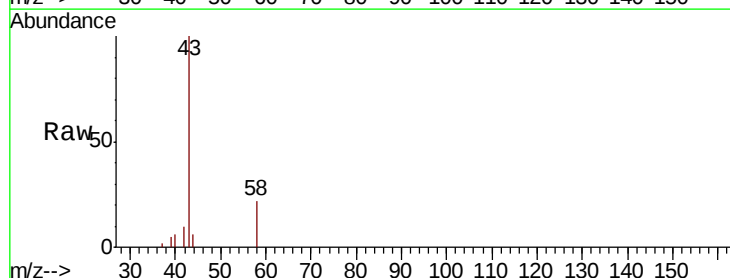
Acq: 30 Apr 2019 18:00

Tgt Ion: 43 Resp: 43415

Ion Ratio Lower Upper

43 100

58 22.3 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

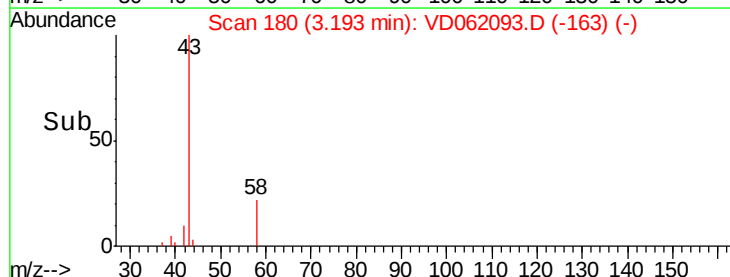
15000

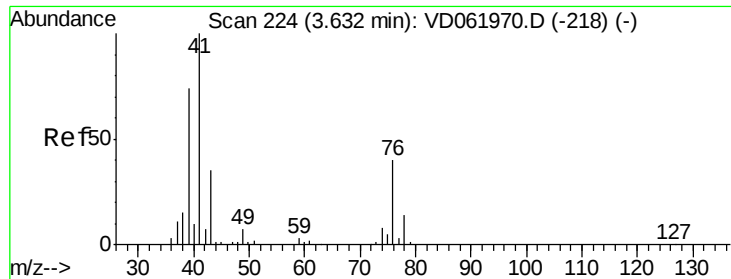
10000

5000

0

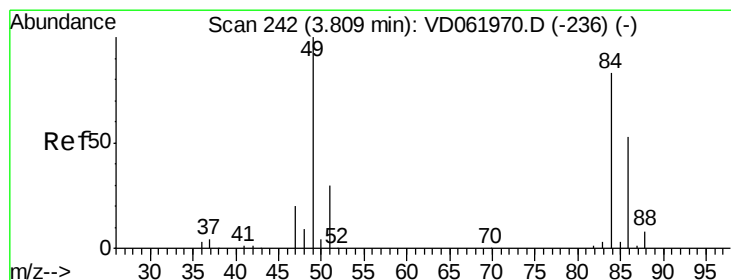
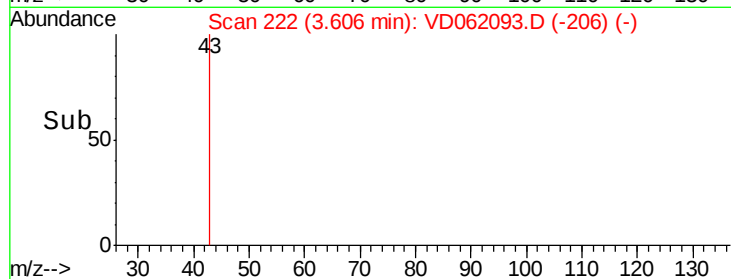
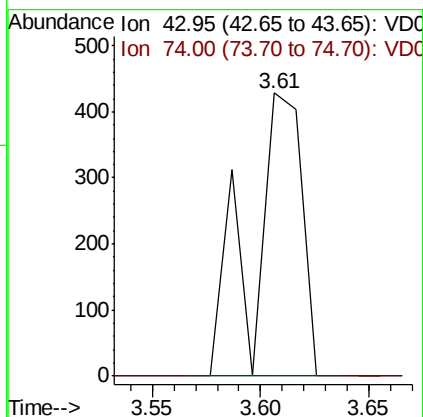
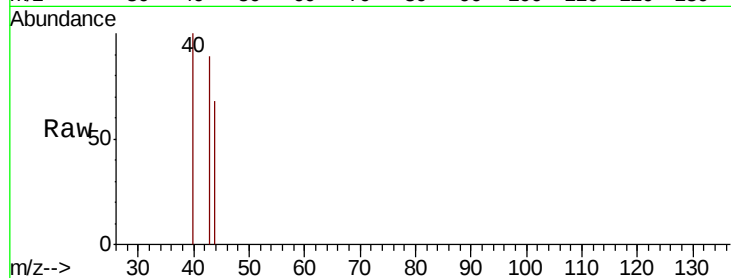
Time--> 3.10 3.20 3.30





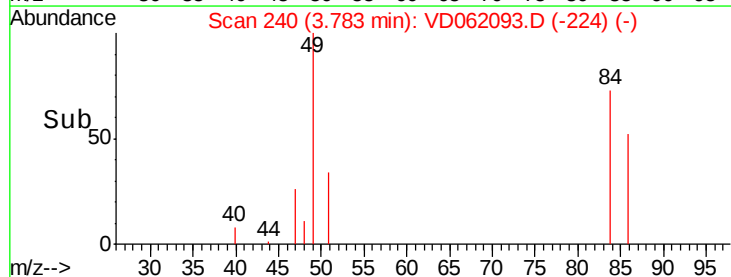
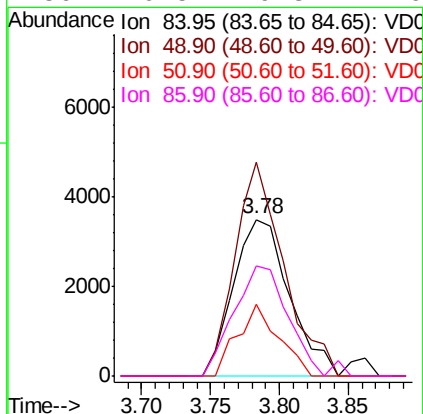
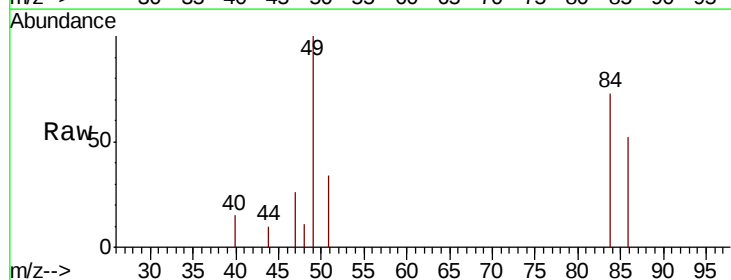
#18
Methyl Acetate
Concen: Below Cal
RT: 3.61 min Scan# 222
Delta R.T. -0.04 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

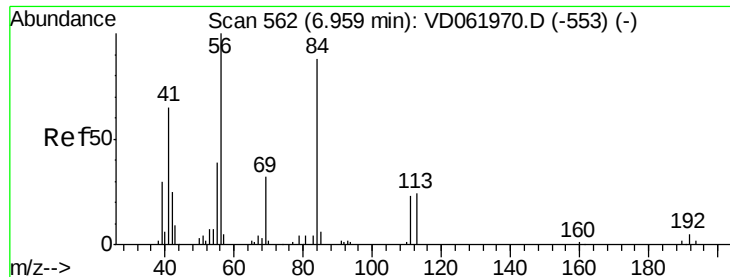
Tot Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.78 min Scan# 240
Delta R.T. -0.04 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

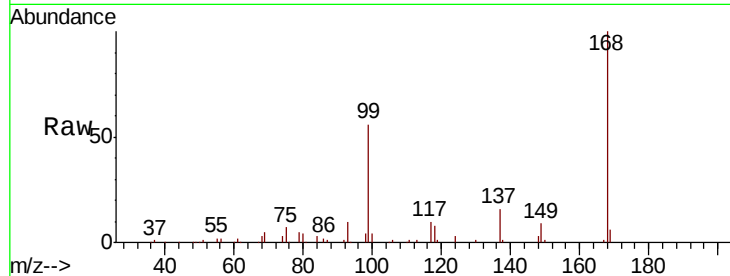
Tgt Ion: 84 Resp: 9881
Ion Ratio Lower Upper
84 100
49 136.4 94.0 141.0
51 46.1 29.0 43.4#
86 70.5 49.8 74.6



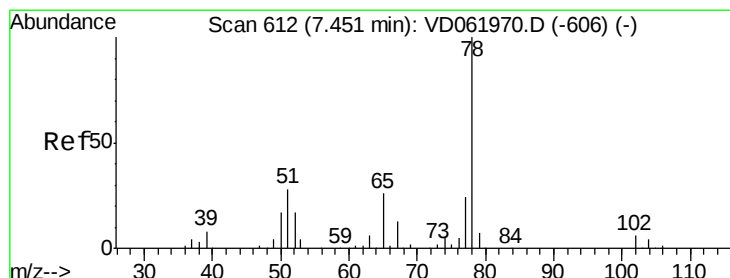
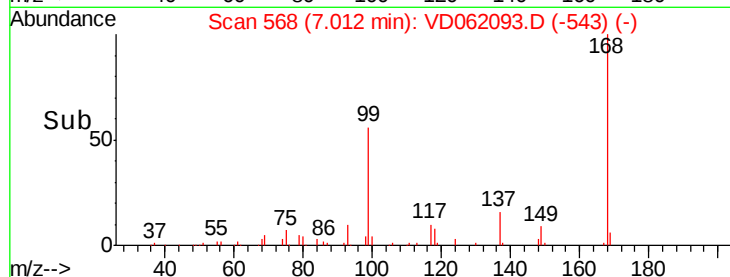
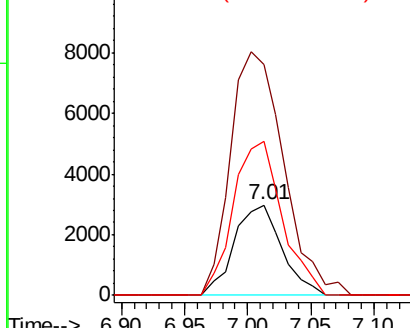


#31
Cvclohexane
Concen: 1.345 ug/l
RT: 7.01 min Scan# 568
Delta R.T. 0.05 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

Tot Ion: 56 Resp: 7793
Ion Ratio Lower Upper
56 100
69 254.9 25.8 38.6#
84 169.8 72.2 108.4#

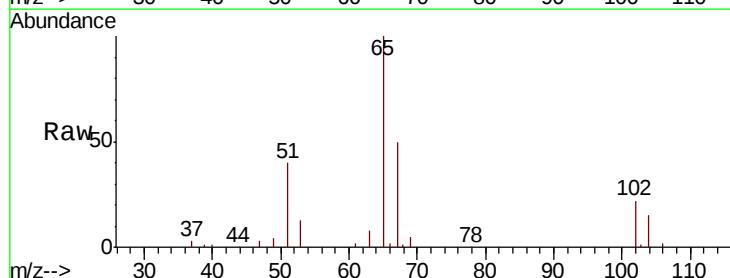


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

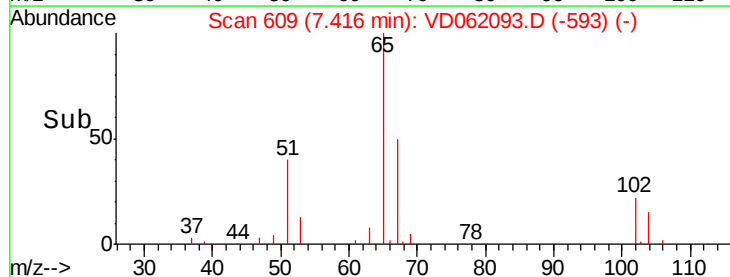
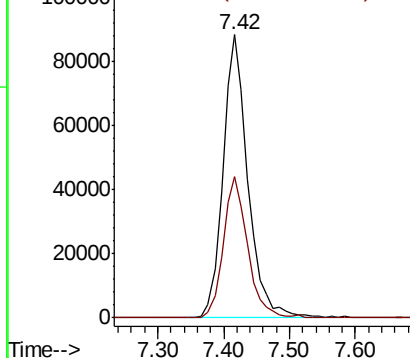


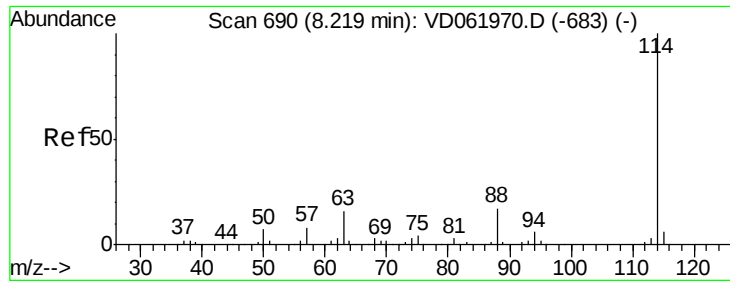
#33
1,2-Dichloroethane-d4
Concen: 59.446 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.04 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

Tgt Ion: 65 Resp: 231313
Ion Ratio Lower Upper
65 100
67 49.8 0.0 98.0



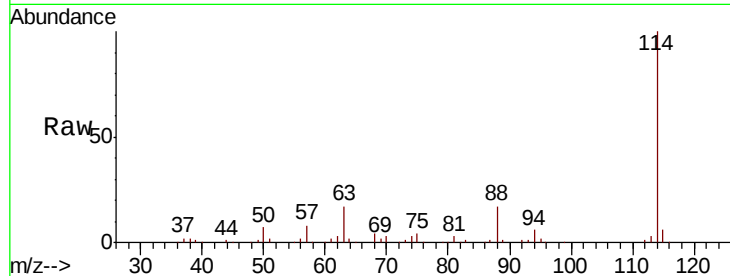
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



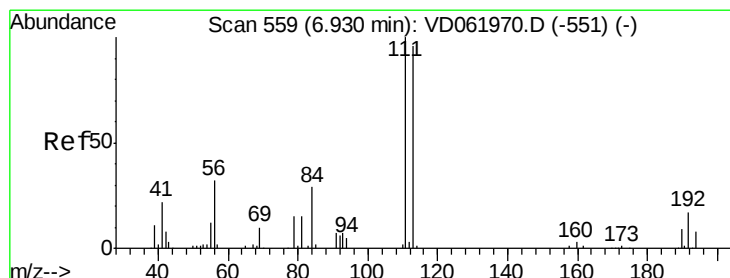
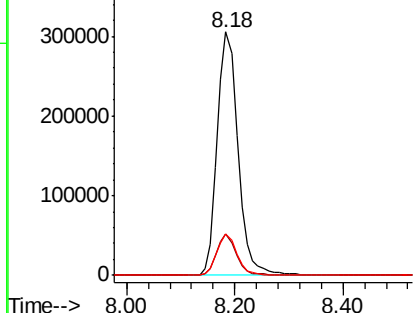
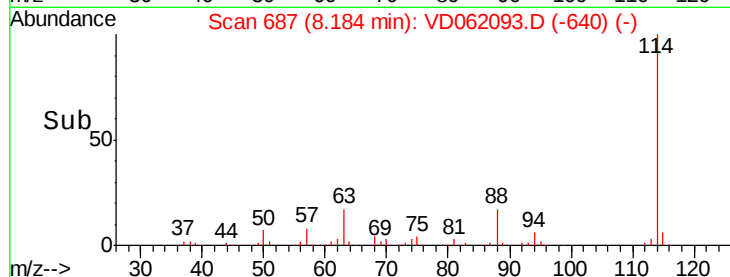


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.18 min Scan# 687
Delta R.T. -0.04 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

Tot Ion:114 Resp: 812725
Ion Ratio Lower Upper
114 100
63 16.9 0.0 32.4
88 17.1 0.0 33.6

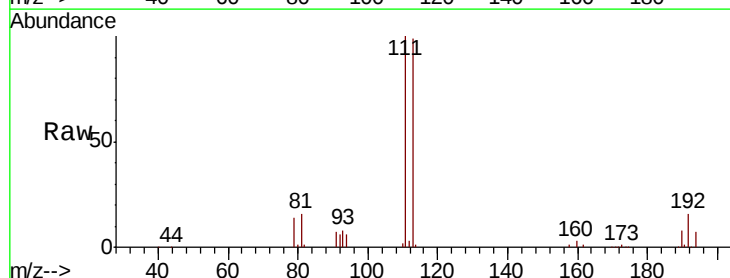


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

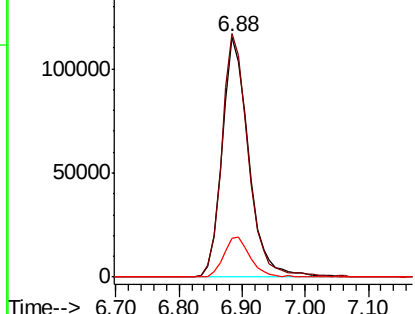
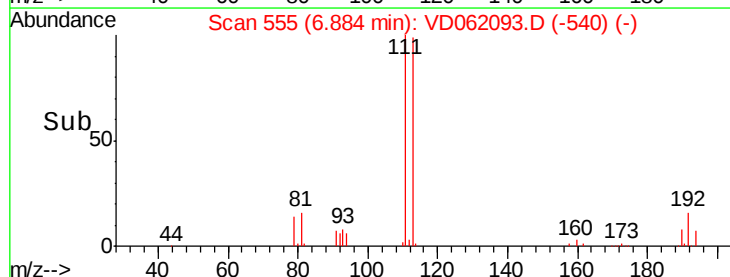


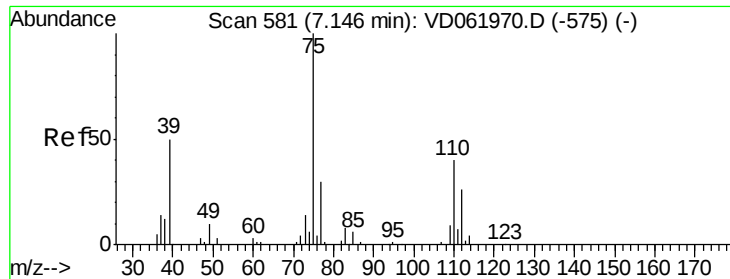
#35
Dibromofluoromethane
Concen: 59.978 ug/l
RT: 6.88 min Scan# 555
Delta R.T. -0.05 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

Tgt Ion:113 Resp: 337122
Ion Ratio Lower Upper
113 100
111 101.5 78.5 117.7
192 16.0 13.0 19.4



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: 5.723 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.14 min

Lab File: VD062093.D

Acq: 30 Apr 2019 18:00

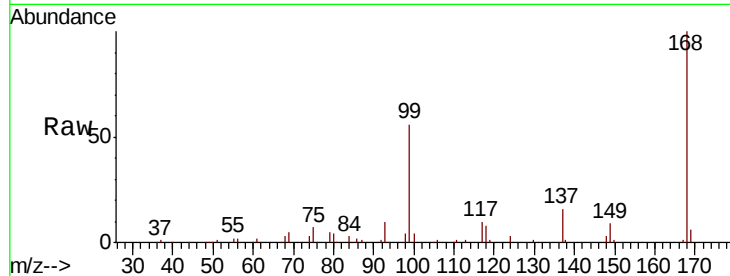
Tot Ion: 75 Resp: 36241

Ion Ratio Lower Upper

75 100

110 5.9 19.1 57.1#

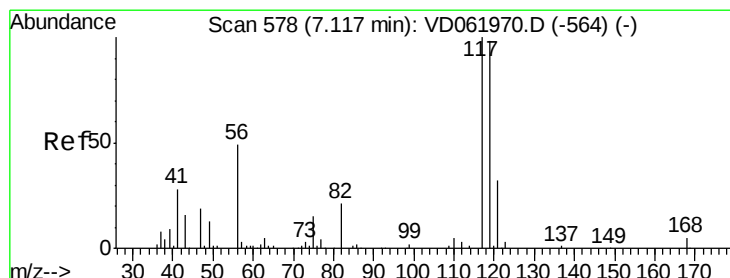
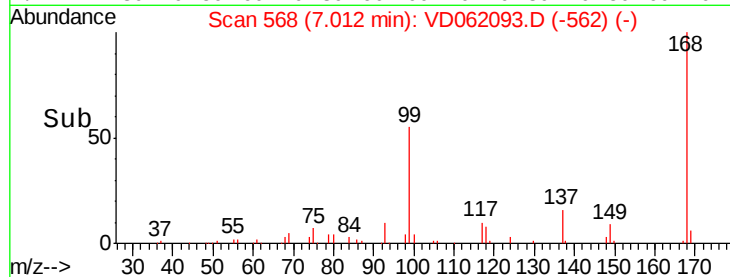
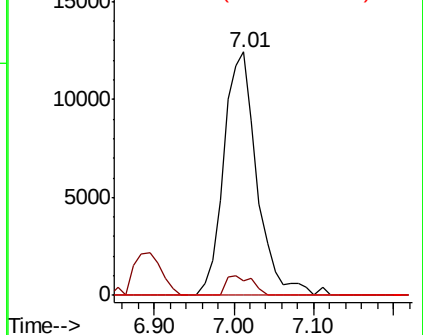
77 0.0 25.6 38.4#



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: 6.011 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.11 min

Lab File: VD062093.D

Acq: 30 Apr 2019 18:00

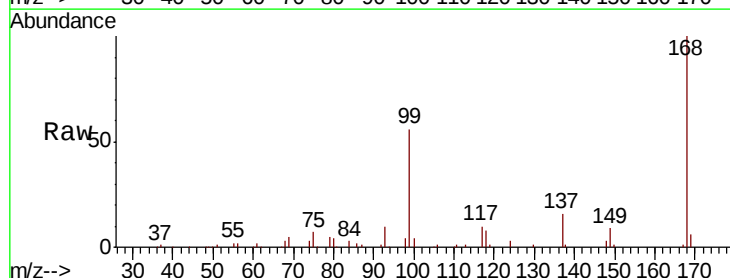
Tgt Ion: 117 Resp: 48228

Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

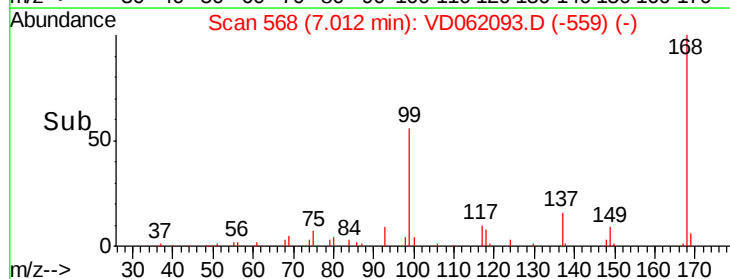
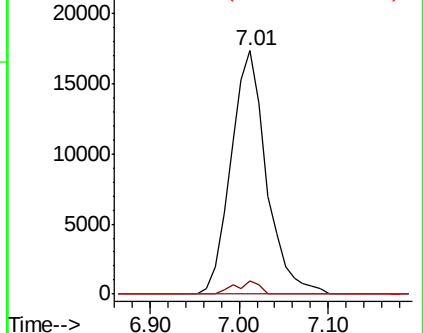
121 0.0 25.9 38.9#

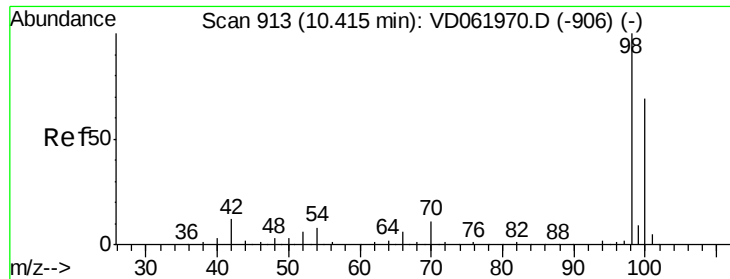


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: 50.088 ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.04 min

Lab File: VD062093.D

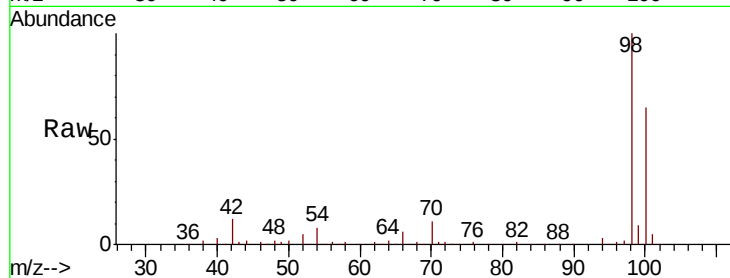
Acq: 30 Apr 2019 18:00

Tot Ion: 98 Resp: 669912

Ion Ratio Lower Upper

98 100

100 65.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

10.38

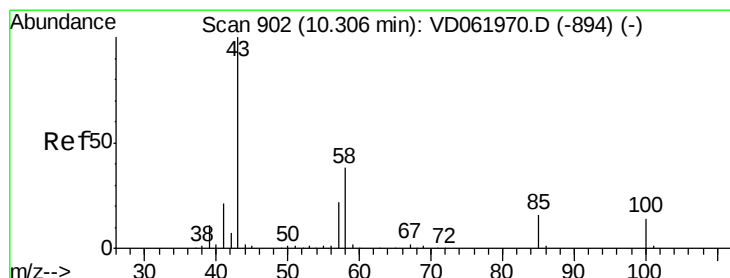
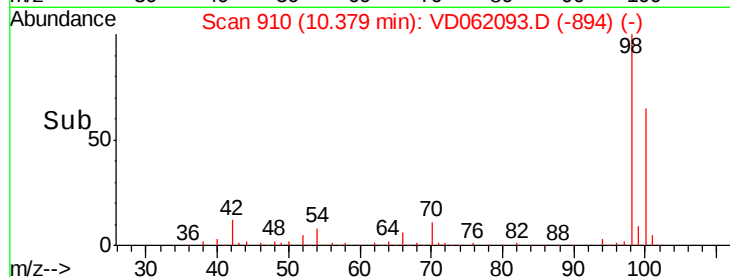
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.185 ug/l

RT: 10.38 min Scan# 910

Delta R.T. 0.08 min

Lab File: VD062093.D

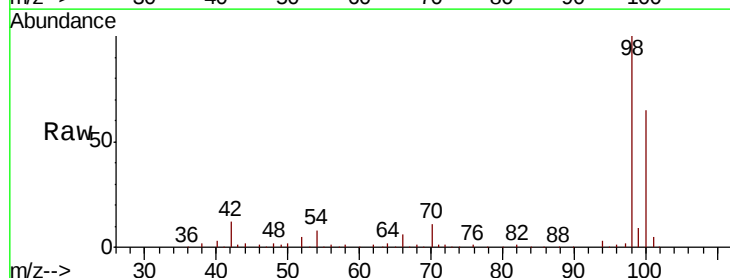
Acq: 30 Apr 2019 18:00

Tgt Ion: 43 Resp: 2857

Ion Ratio Lower Upper

43 100

58 128.4 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VD061970.D (-894) (-)

Ion 57.95 (57.65 to 58.65): VD061970.D (-894) (-)

10.38

2000

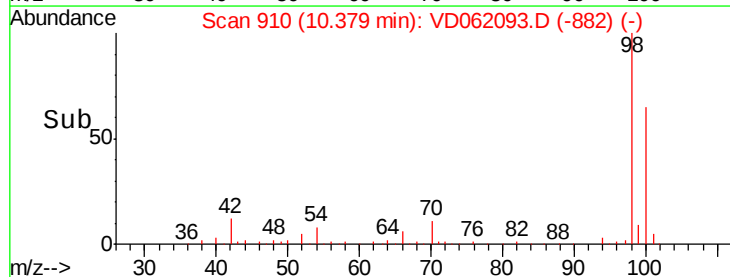
1500

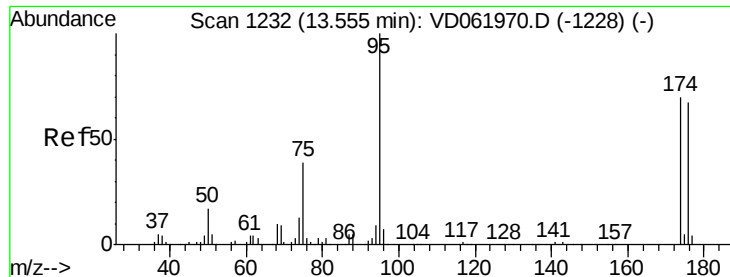
1000

500

0

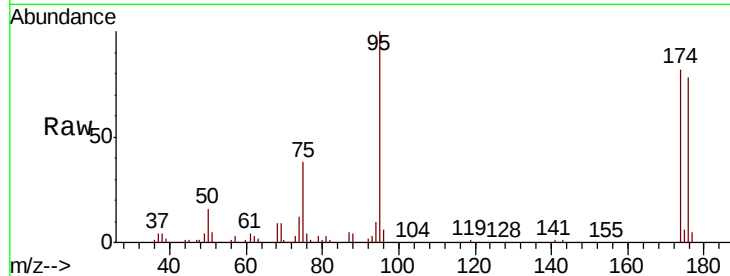
Time-->





#62
4-Bromofluorobenzene
Concen: 47.581 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

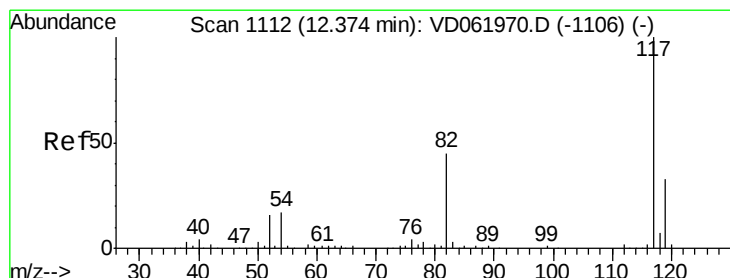
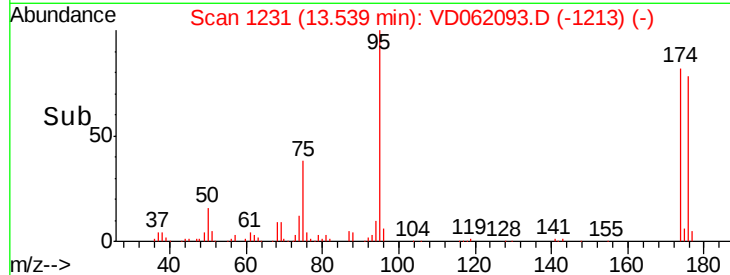
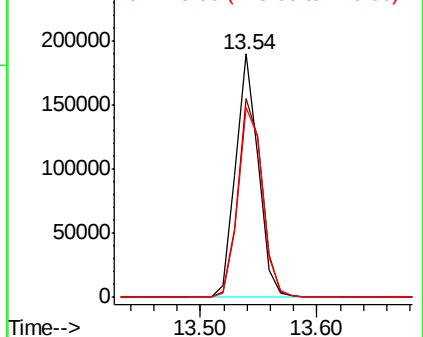
Tot Ion	95	Resp	255248
Ion Ratio	100	Lower	Upper
174	81.6	0.0	181.8
176	77.9	0.0	174.4



Abundance Ion 95.00 (94.70 to 95.70): V

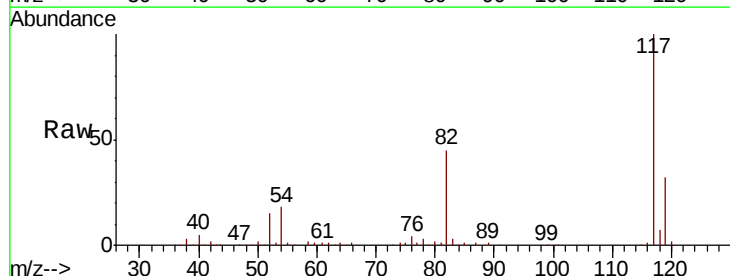
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

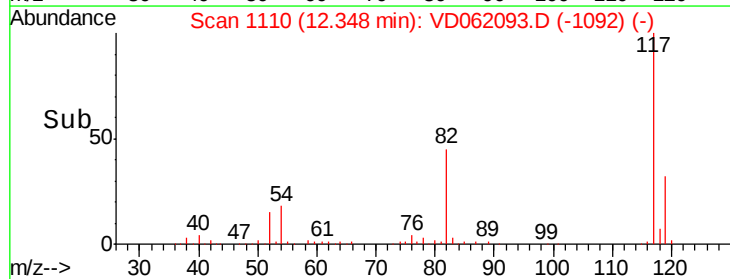
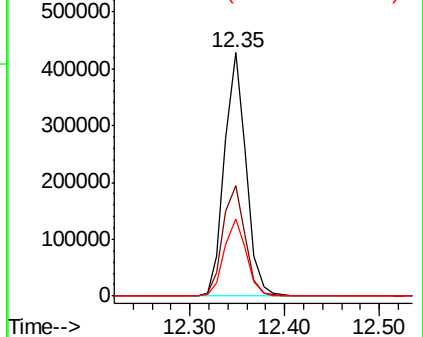
Tgt Ion	117	Resp	674504
Ion Ratio	100	Lower	Upper
82	45.5	36.2	54.2
119	31.9	26.2	39.4

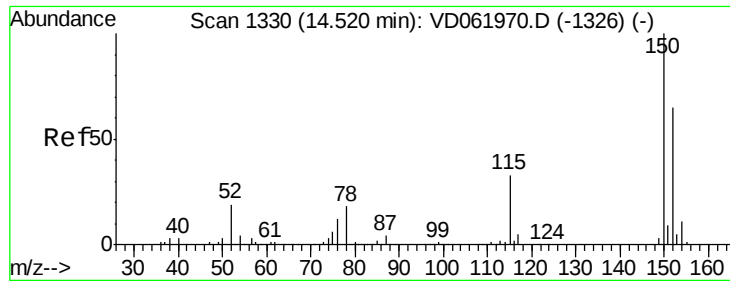


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

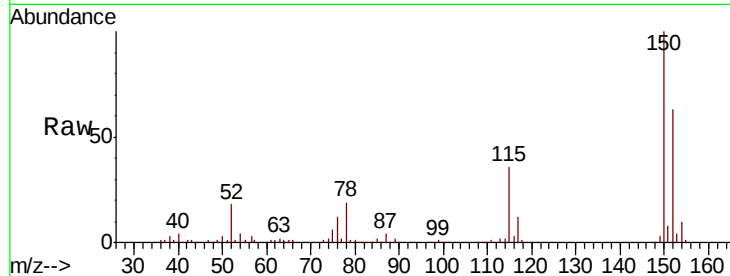




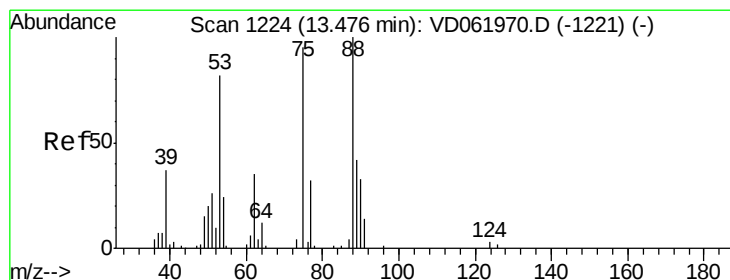
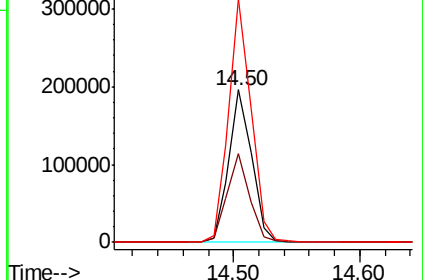
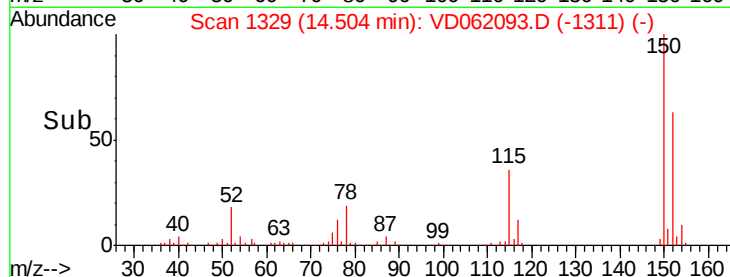
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.9	92.7
150	159.7	0.0	314.8



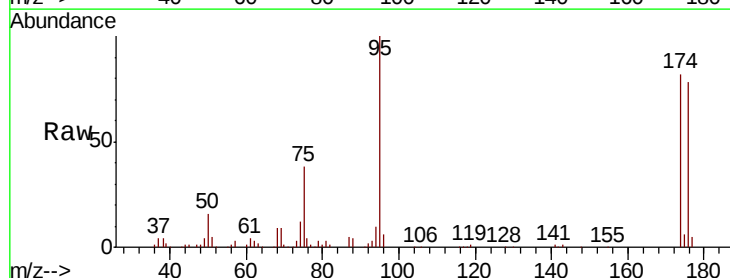
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 104.236 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#



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

