

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061049.D
 Acq On : 13 Mar 2019 18:26
 Operator : VA/AP
 Sample : K1847-12RE
 Misc : 6.85g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

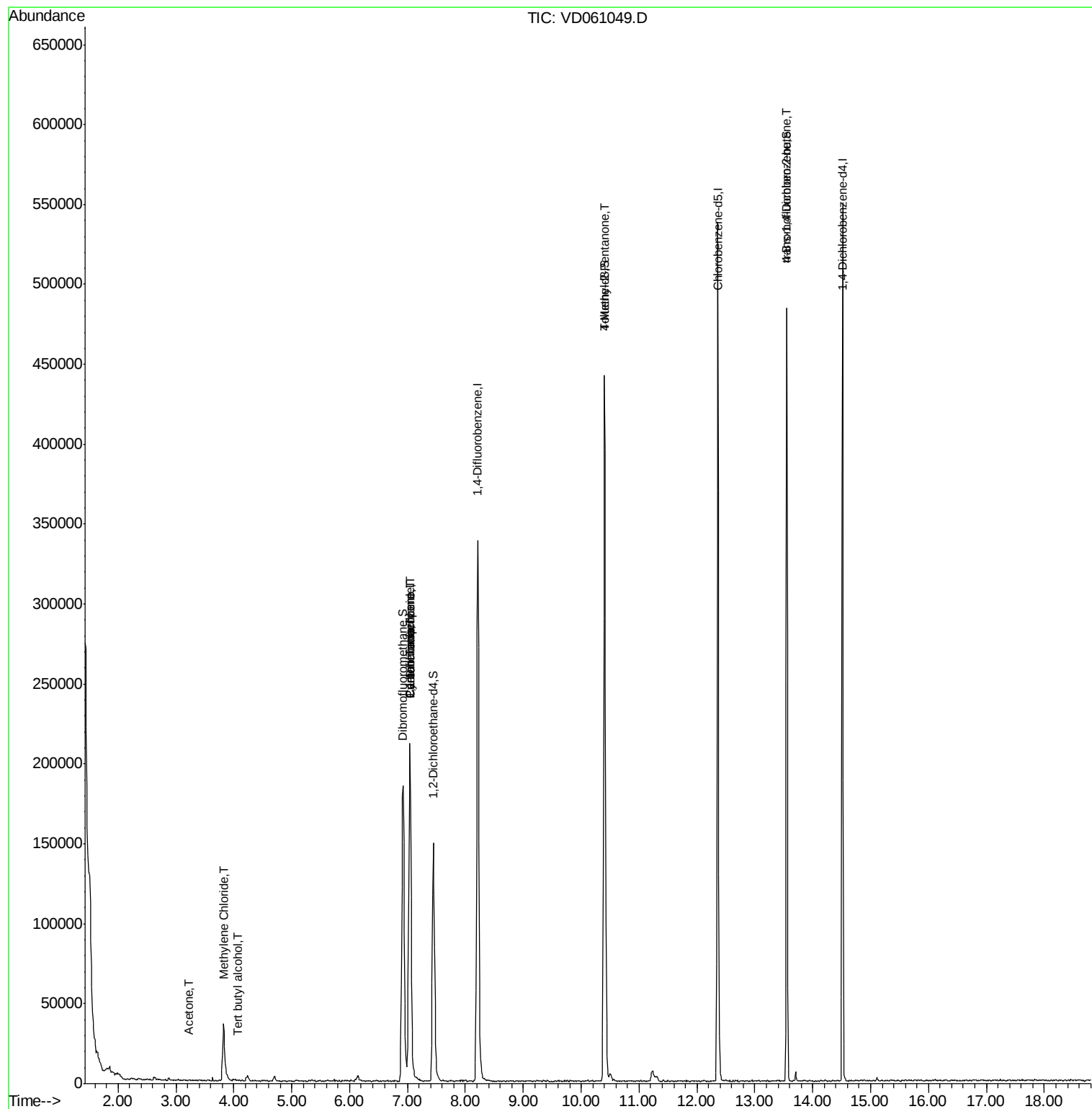
Quant Time: Mar 14 02:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	214826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	396144	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	330814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	123506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	145279	81.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	162.48%	
35) Dibromofluoromethane	6.92	113	183724	62.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.98%	
50) Toluene-d8	10.40	98	388328	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	13.55	95	151299	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.05	59	2188	19.220	ug/l #	75
16) Acetone	3.22	43	874	1.709	ug/l #	48
20) Methylene Chloride	3.82	84	26281	7.288	ug/l	88
31) Cyclohexane	7.03	56	3586	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	16692	4.888	ug/l #	44
38) Carbon Tetrachloride	7.04	117	20811	5.533	ug/l #	16
51) 4-Methyl-2-Pentanone	10.40	43	1537	1.130	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	55927	106.761	ug/l #	17

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031319\
Data File : VD061049.D
Acq On : 13 Mar 2019 18:26
Operator : VA/AP
Sample : K1847-12RE
Misc : 6.85g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 02:02:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061049.D

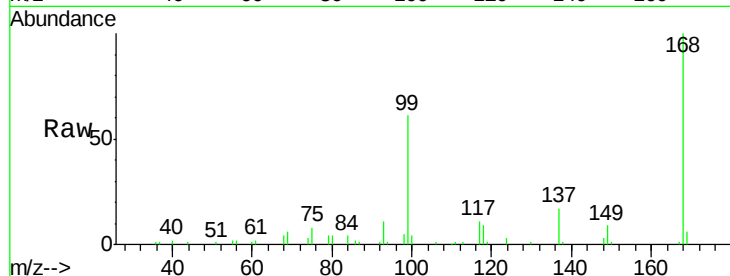
Acq: 13 Mar 2019 18:26

Tot Ion:168 Resp: 214826

Ion Ratio Lower Upper

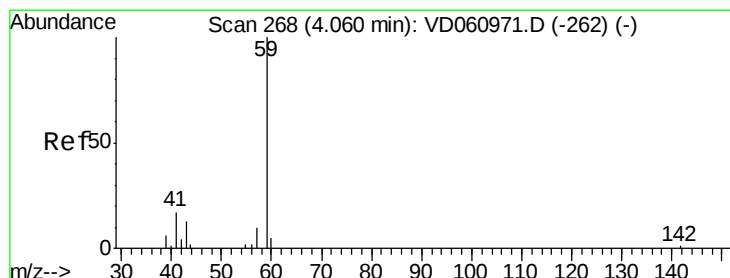
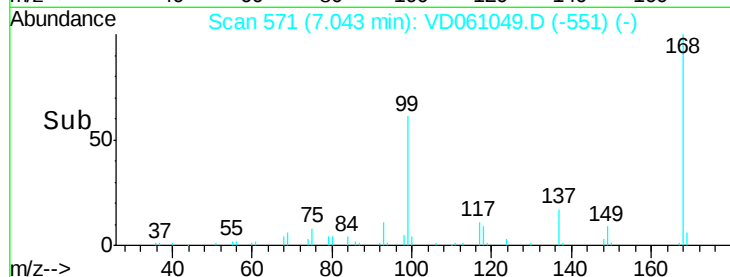
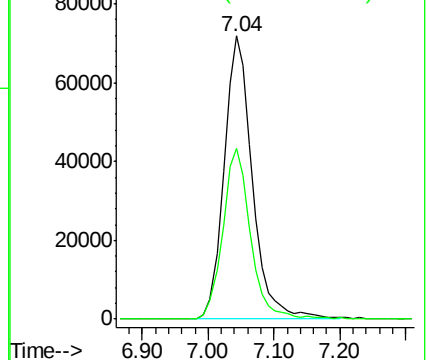
168 100

99 60.5 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 19.220 ug/l

RT: 4.05 min Scan# 267

Delta R.T. -0.01 min

Lab File: VD061049.D

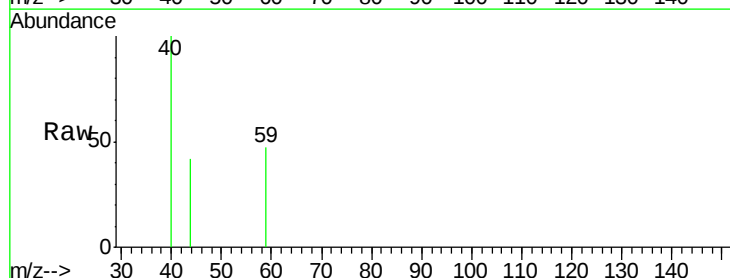
Acq: 13 Mar 2019 18:26

Tgt Ion: 59 Resp: 2188

Ion Ratio Lower Upper

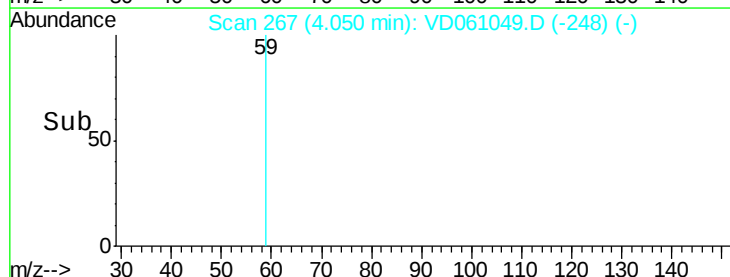
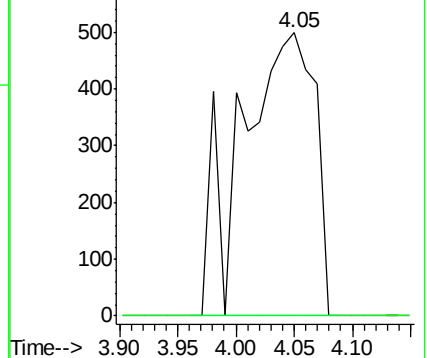
59 100

57 0.0 7.1 10.7#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 1.709 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061049.D

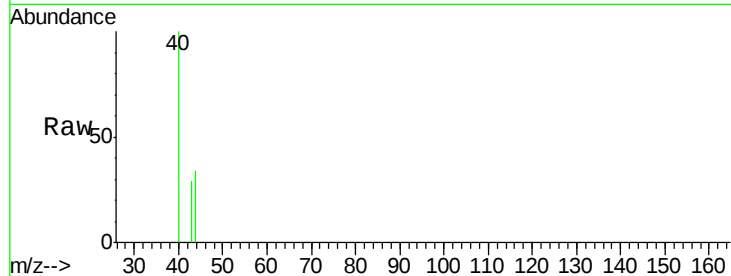
Acq: 13 Mar 2019 18:26

Tot Ion: 43 Resp: 874

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

400

300

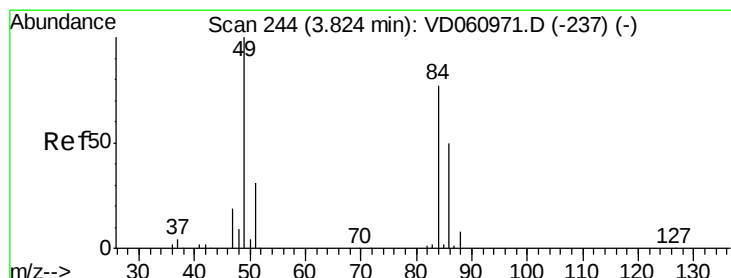
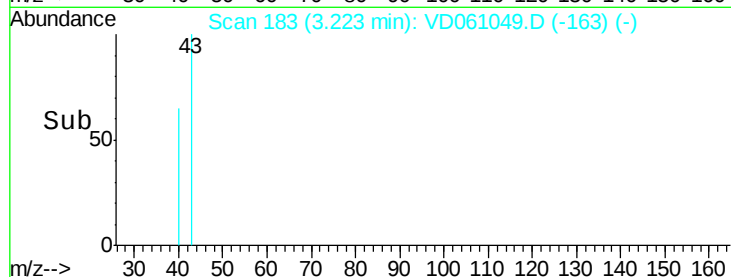
200

100

0

3.20 3.25 3.30

Time-->



#20

Methylene Chloride

Concen: 7.288 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD061049.D

Acq: 13 Mar 2019 18:26

Tgt Ion: 84 Resp: 26281

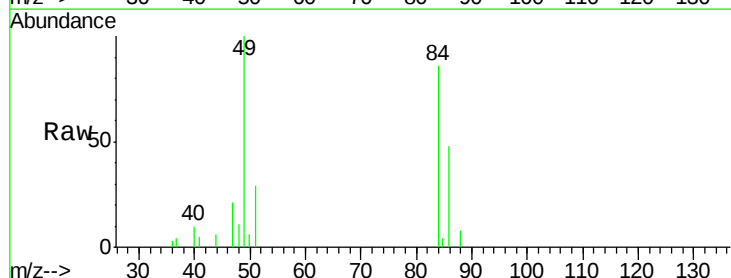
Ion Ratio Lower Upper

84 100

49 116.6 104.2 156.2

51 34.0 32.3 48.5

86 55.9 52.3 78.5



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

15000

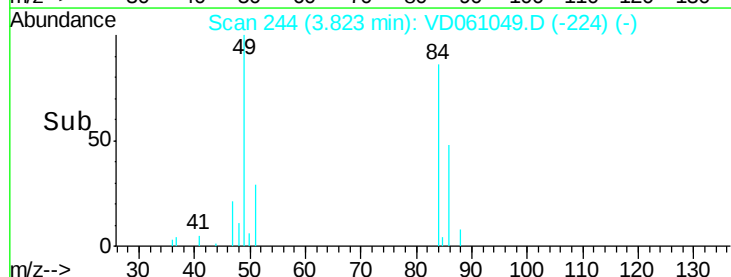
10000

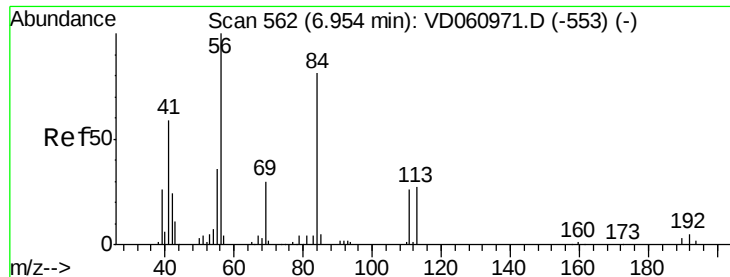
5000

0

3.70 3.80 3.90 4.00

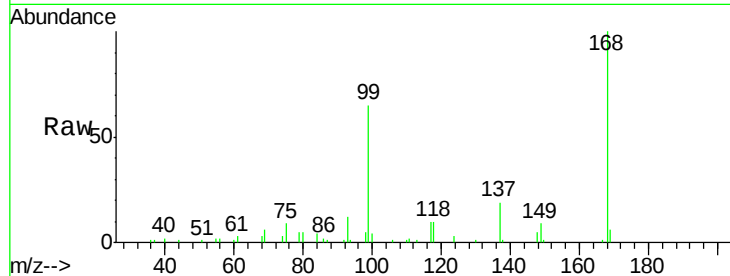
Time-->



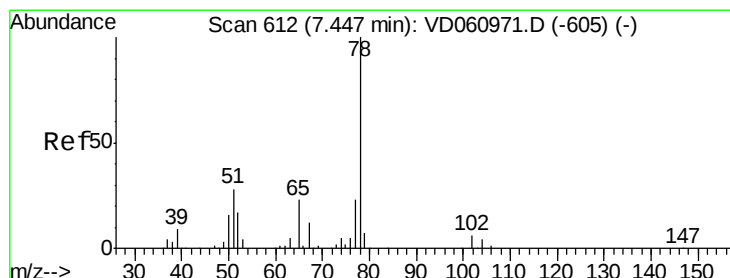
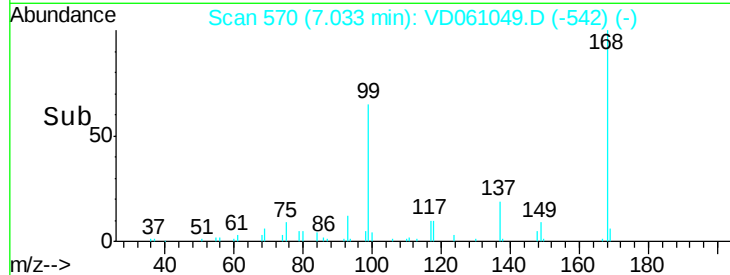
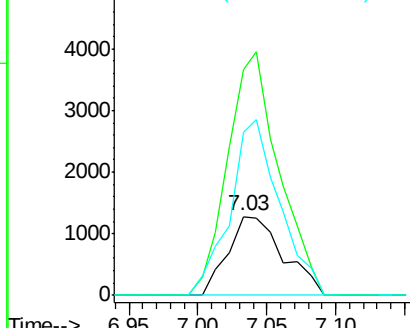


#31
Cvclohexane
Concen: 1.133 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD061049.D
Acq: 13 Mar 2019 18:26

Tot Ion	56	Resp	3586
Ion	Ratio	Lower	Upper
56	100		
69	286.6	24.0	36.0#
84	207.0	65.8	98.6#

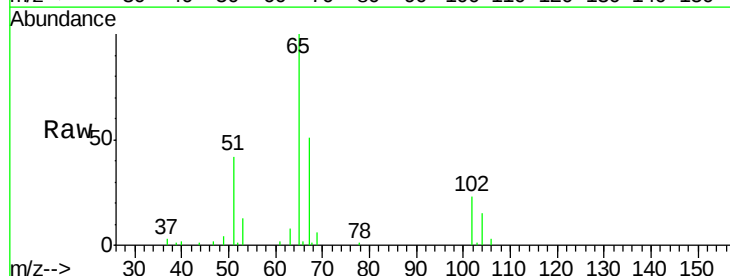


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

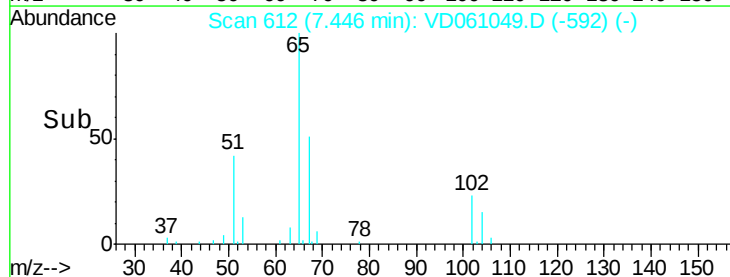
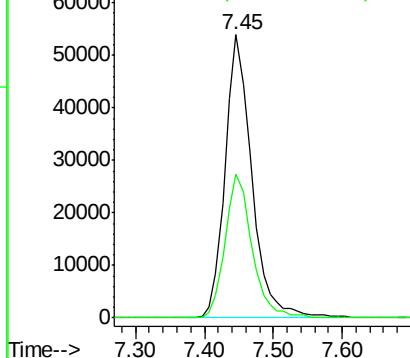


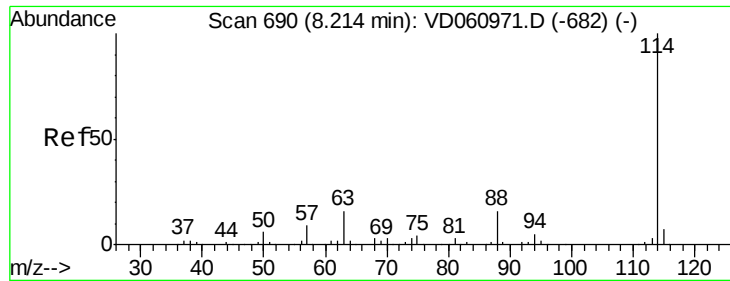
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061049.D
Acq: 13 Mar 2019 18:26

Tgt Ion	65	Resp	145279
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	105.2



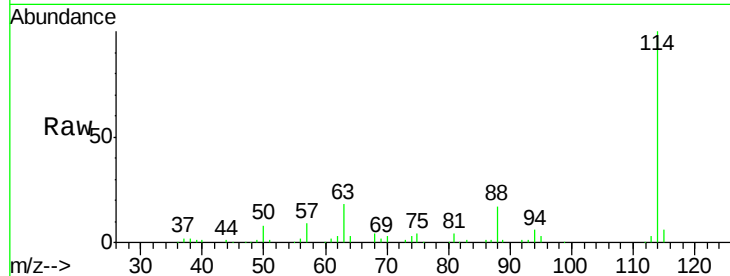
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



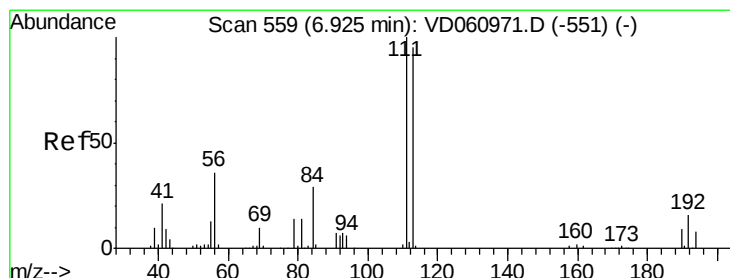
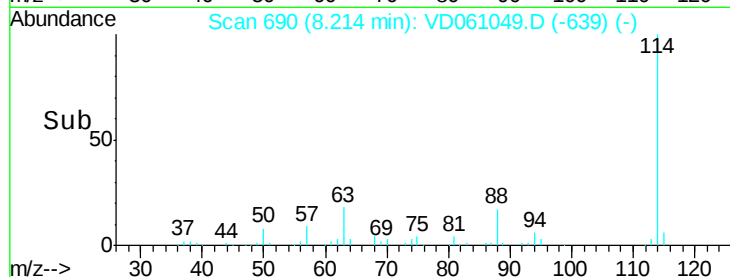
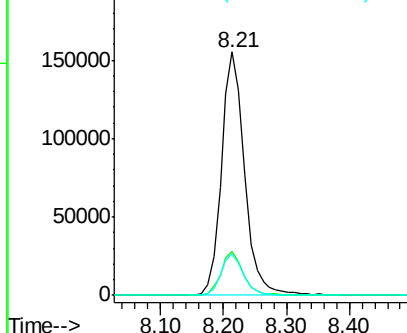


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061049.D
 Acq: 13 Mar 2019 18:26

Tot Ion:114 Resp: 396144
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 31.4
 88 17.0 0.0 33.0

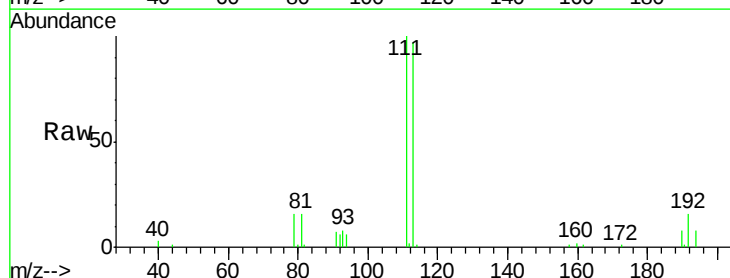


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

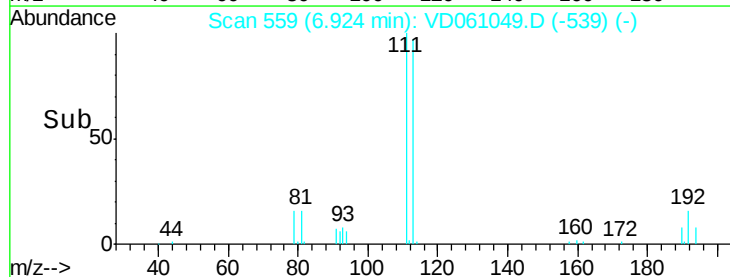
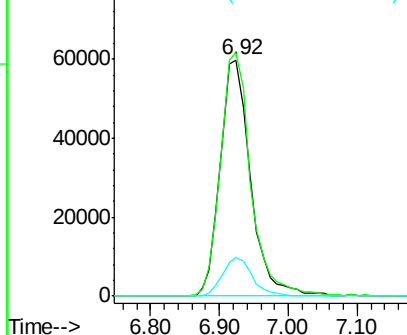


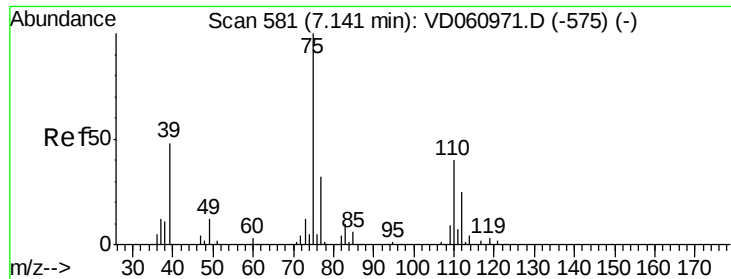
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061049.D
 Acq: 13 Mar 2019 18:26

Tgt Ion:113 Resp: 183724
 Ion Ratio Lower Upper
 113 100
 111 103.1 84.2 126.4
 192 16.2 13.1 19.7



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: 4.888 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD061049.D

Acq: 13 Mar 2019 18:26

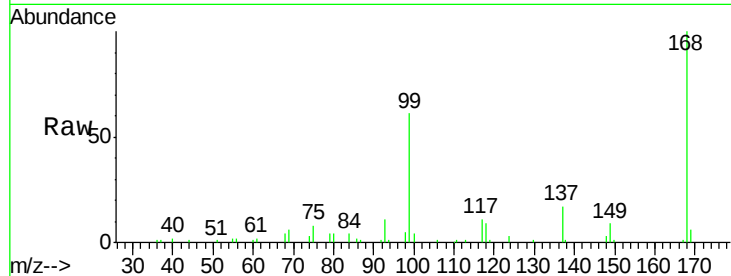
Tot Ion: 75 Resp: 16692

Ion Ratio Lower Upper

75 100

110 5.6 19.7 59.1#

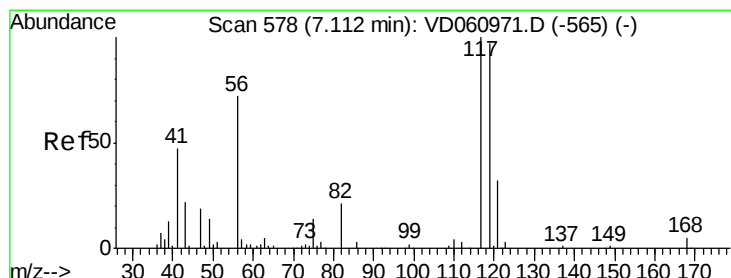
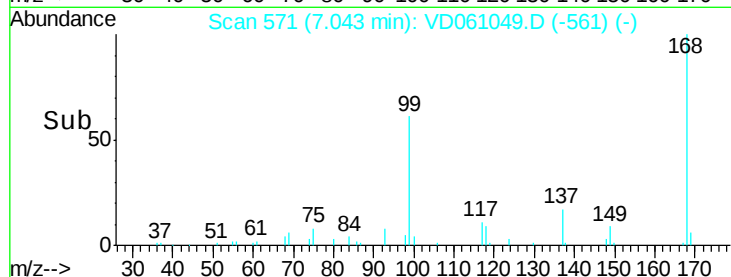
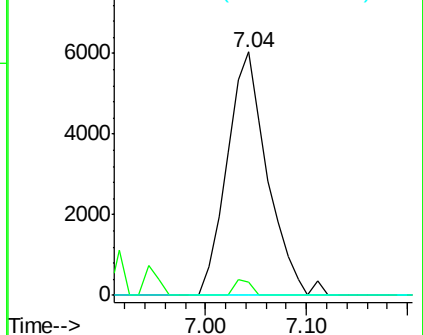
77 0.0 24.7 37.1#



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: 5.533 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061049.D

Acq: 13 Mar 2019 18:26

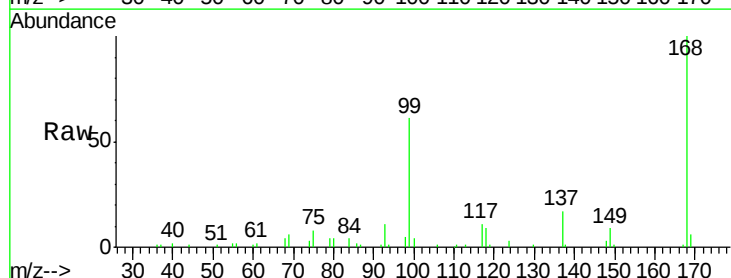
Tgt Ion: 117 Resp: 20811

Ion Ratio Lower Upper

117 100

119 5.6 77.8 116.8#

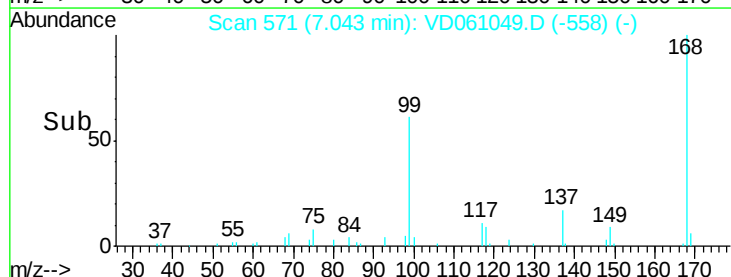
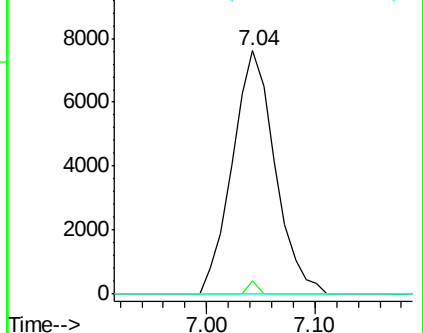
121 0.0 25.3 37.9#

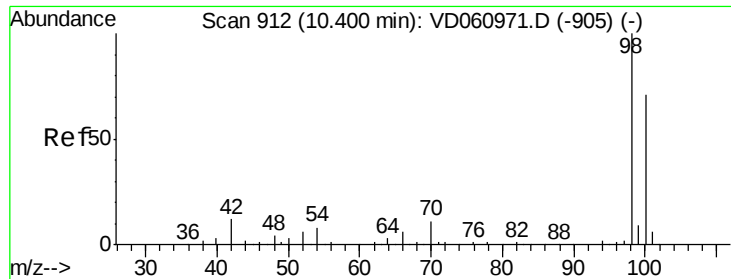


Abundance Ion 116.85 (116.55 to 117.55): V

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: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061049.D

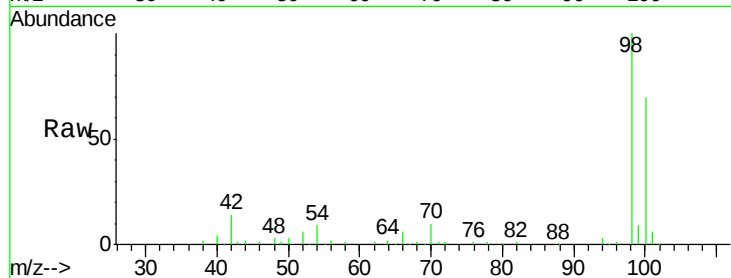
Acq: 13 Mar 2019 18:26

Tot Ion: 98 Resp: 388328

Ion Ratio Lower Upper

98 100

100 70.5 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.40

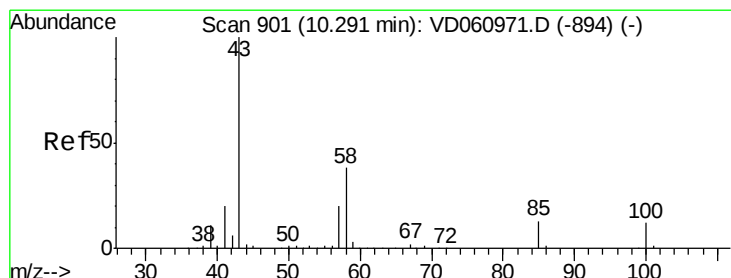
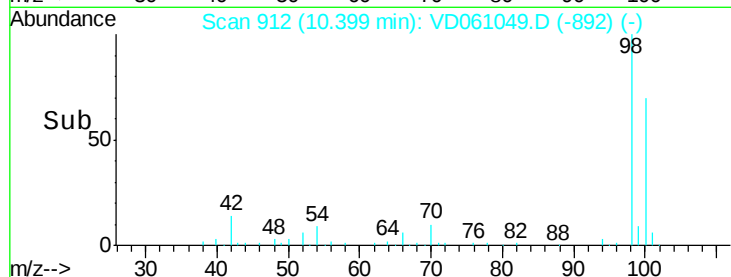
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.130 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.11 min

Lab File: VD061049.D

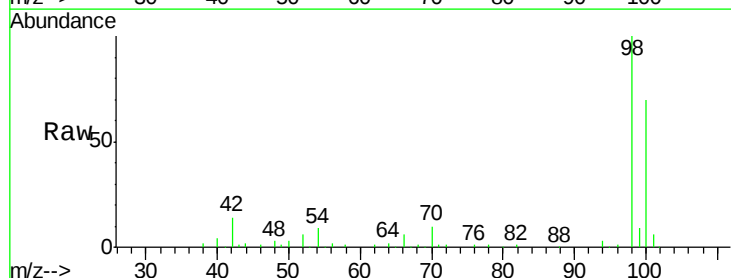
Acq: 13 Mar 2019 18:26

Tgt Ion: 43 Resp: 1537

Ion Ratio Lower Upper

43 100

58 125.3 30.2 45.2#



Abundance Ion 42.95 (42.65 to 43.65): VD060971.D (-894) (-)

Ion 57.95 (57.65 to 58.65): VD060971.D (-894) (-)

10.40

1200

1000

800

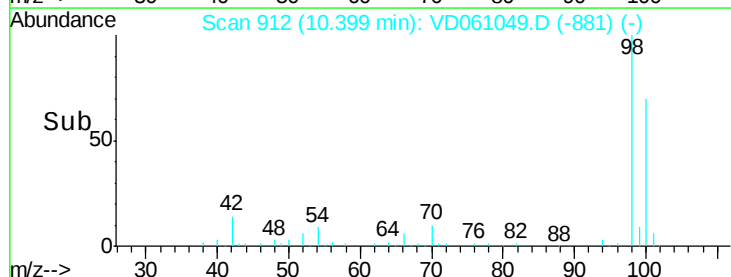
600

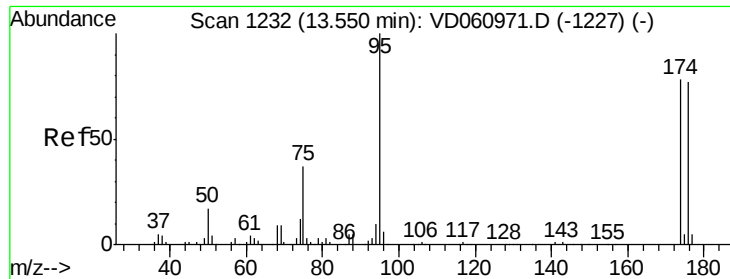
400

200

0

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061049.D

Acq: 13 Mar 2019 18:26

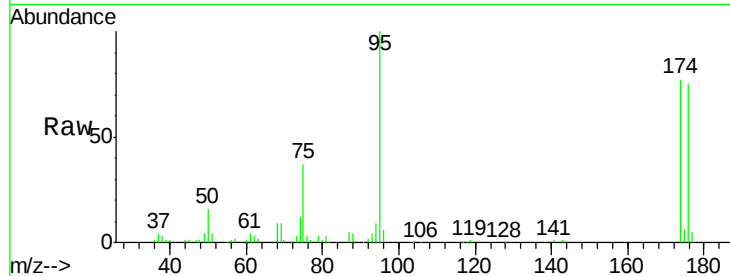
Tot Ion: 95 Resp: 151299

Ion Ratio Lower Upper

95 100

174 76.8 0.0 155.6

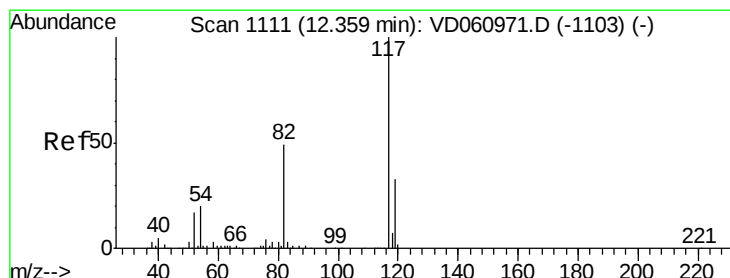
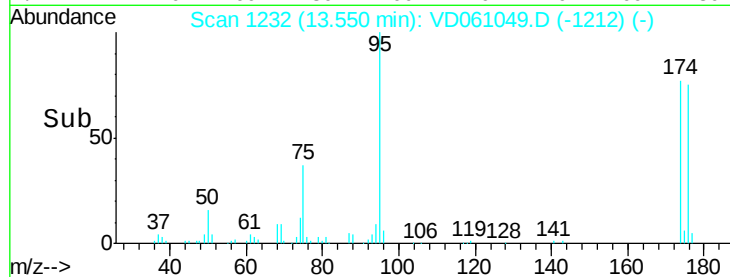
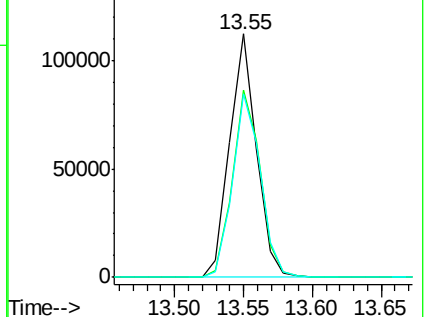
176 75.2 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061049.D

Acq: 13 Mar 2019 18:26

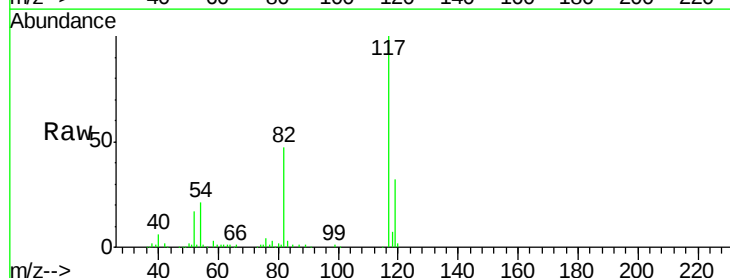
Tgt Ion: 117 Resp: 330814

Ion Ratio Lower Upper

117 100

82 47.0 38.9 58.3

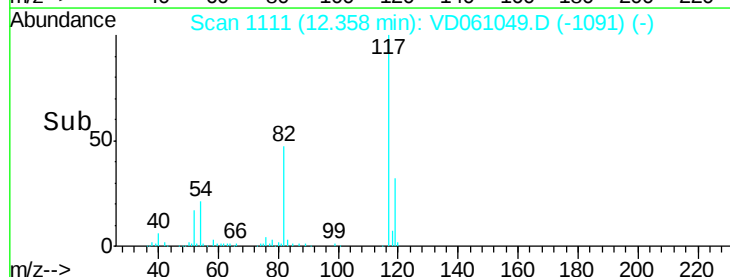
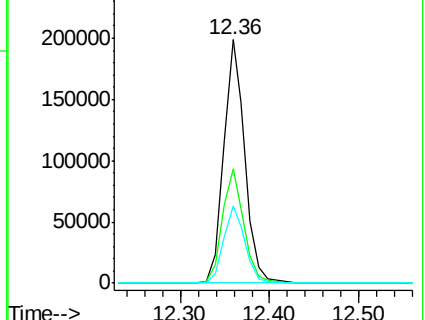
119 31.6 26.6 39.8

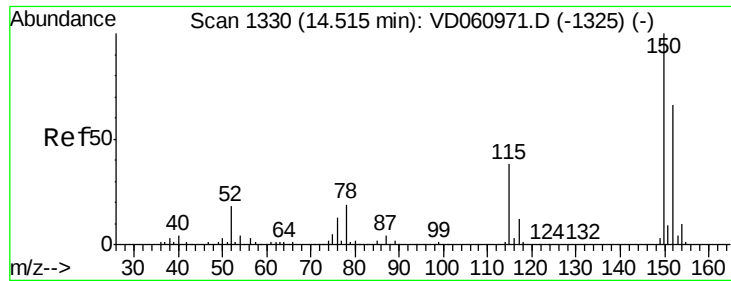


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

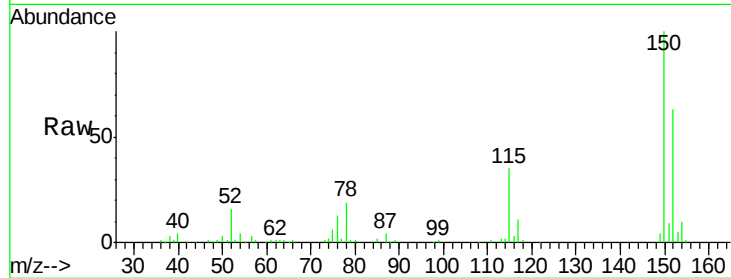




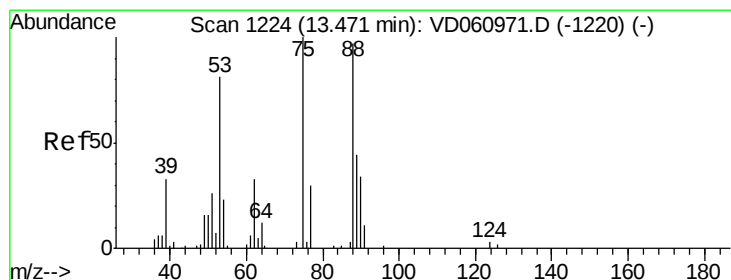
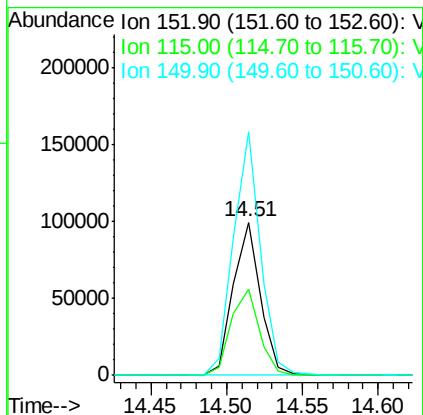
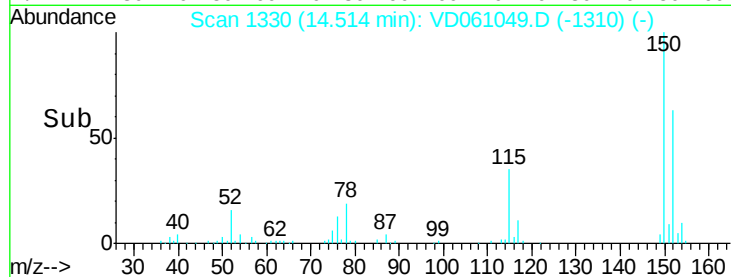
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061049.D
Acq: 13 Mar 2019 18:26

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.6	85.9
150	159.1	0.0	310.6



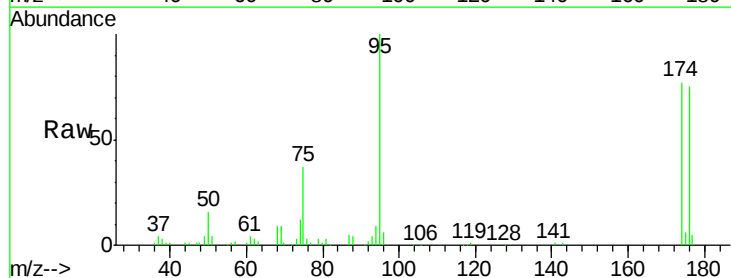
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 106.761 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061049.D
Acq: 13 Mar 2019 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	34.8	52.2#



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

