

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061046.D
 Acq On : 13 Mar 2019 17:03
 Operator : VA/AP
 Sample : K1847-04
 Misc : 5.92g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

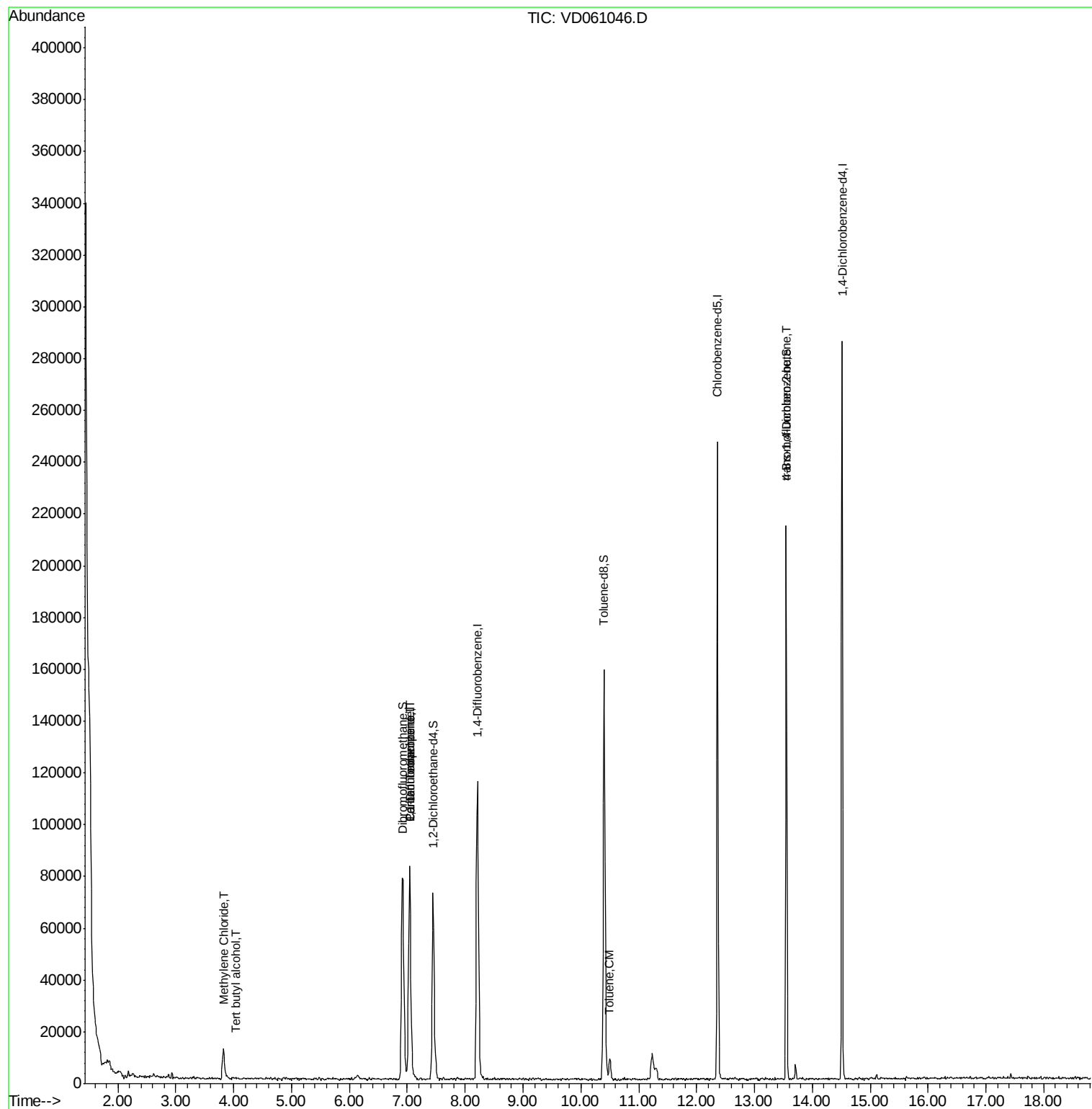
Quant Time: Mar 14 02:01:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

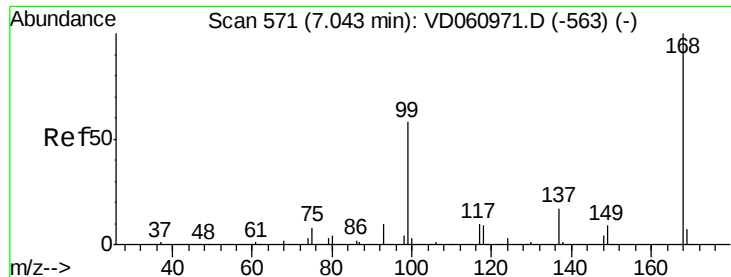
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	86855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	153173	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	144088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	62234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	66969	92.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	185.26%	
35) Dibromofluoromethane	6.91	113	76621	67.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	134.80%	
50) Toluene-d8	10.40	98	145532	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	13.55	95	69654	62.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.78%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.03	59	190	4.128	ug/l #	75
20) Methylene Chloride	3.81	84	8947	5.324	ug/l	98
36) 1,1-Dichloropropene	7.04	75	6002	4.546	ug/l #	39
38) Carbon Tetrachloride	7.04	117	8413	5.785	ug/l #	11
52) Toluene	10.50	92	5684	2.771	ug/l	82
81) trans-1,4-Dichloro-2-buten	13.55	75	26698	101.141	ug/l #	17

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

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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: VD061046.D

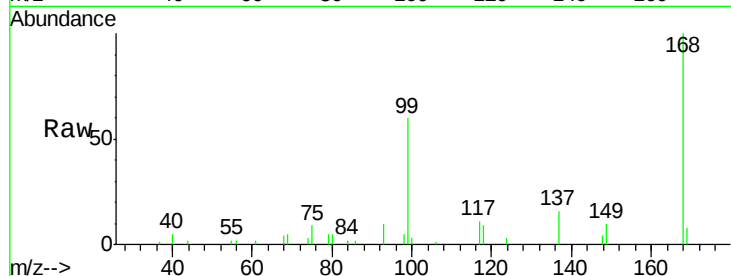
Acq: 13 Mar 2019 17:03

Tot Ion:168 Resp: 86855

Ion Ratio Lower Upper

168 100

99 60.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

30000

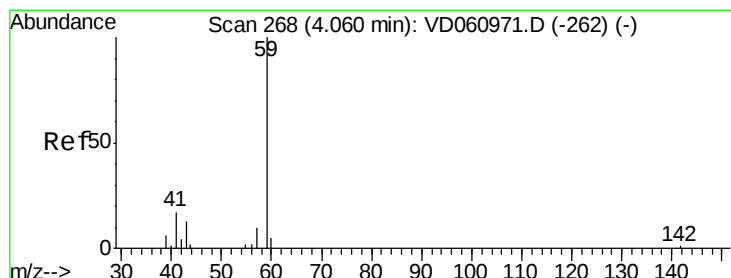
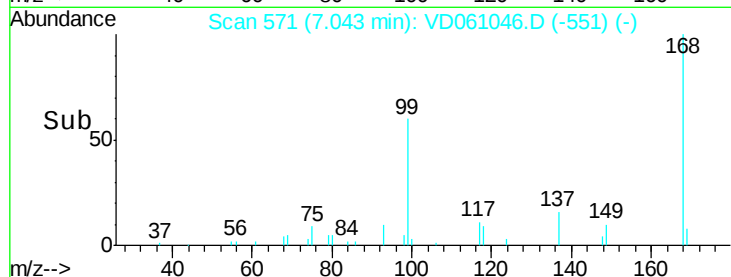
20000

10000

0

Time-->

6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 4.128 ug/l

RT: 4.03 min Scan# 265

Delta R.T. -0.03 min

Lab File: VD061046.D

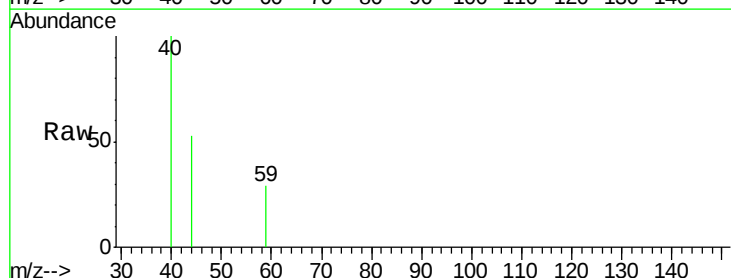
Acq: 13 Mar 2019 17:03

Tgt Ion: 59 Resp: 190

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

4.03

300

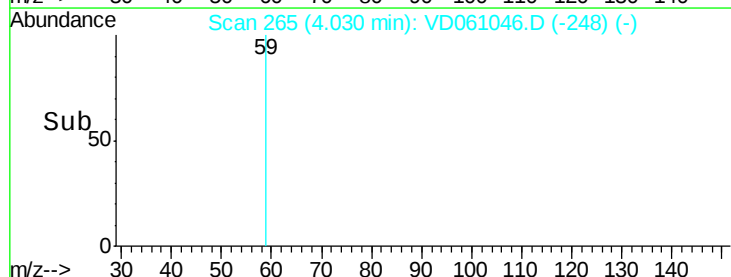
200

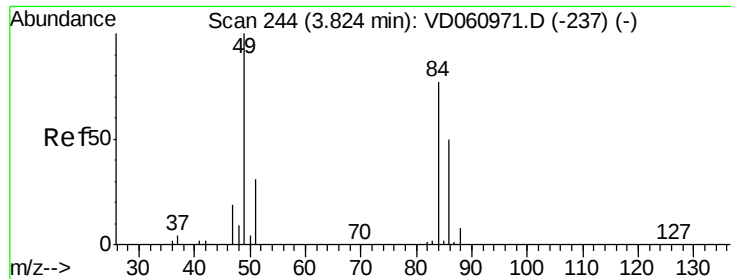
100

0

Time-->

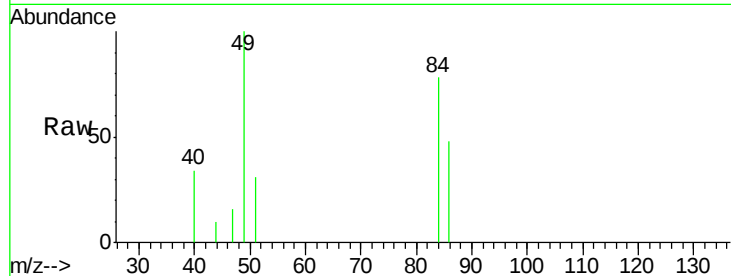
4.00 4.02 4.04 4.06



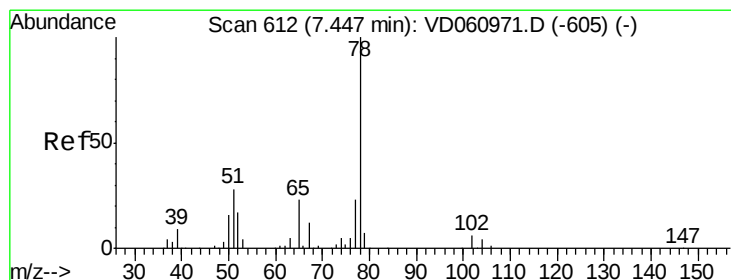
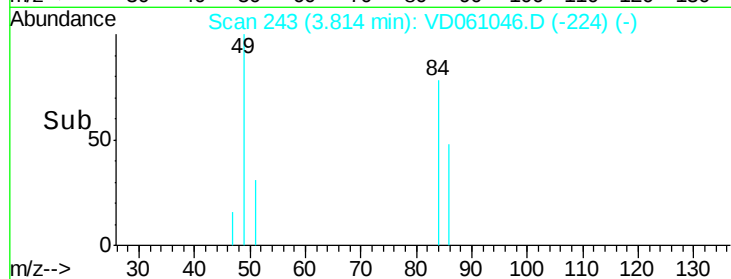
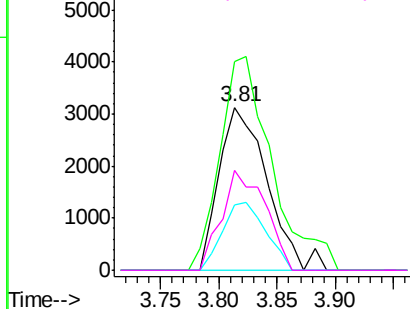


#20
Methylene Chloride
Concen: 5.324 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061046.D
Acq: 13 Mar 2019 17:03

Tot Ion: 84 Resp: 8947
Ion Ratio Lower Upper
84 100
49 128.4 104.2 156.2
51 40.0 32.3 48.5
86 61.3 52.3 78.5

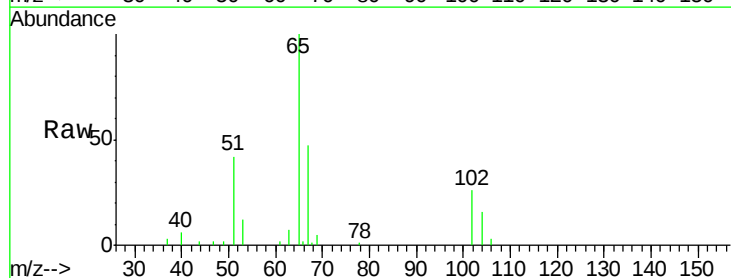


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

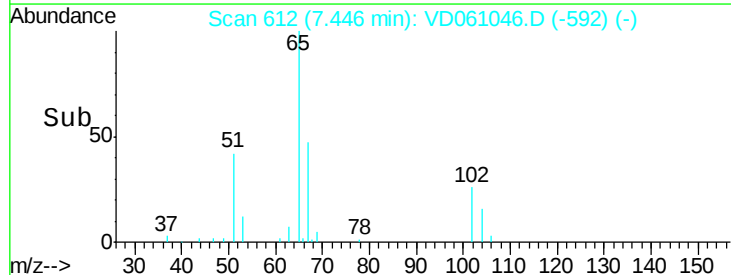
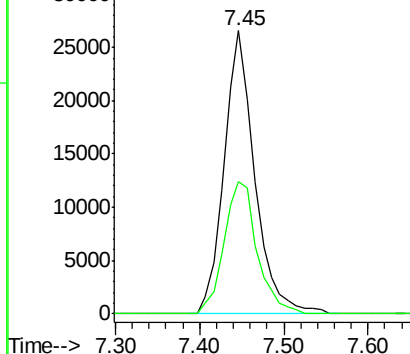


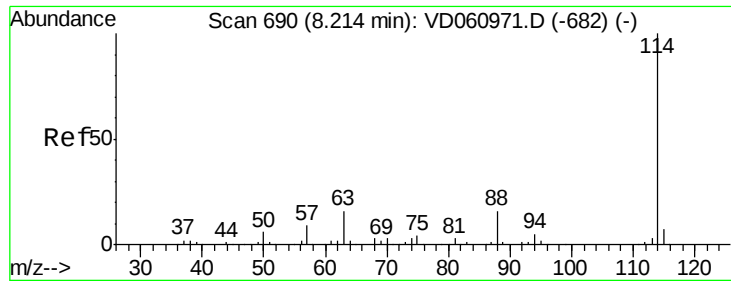
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061046.D
Acq: 13 Mar 2019 17:03

Tgt Ion: 65 Resp: 66969
Ion Ratio Lower Upper
65 100
67 46.7 0.0 105.2



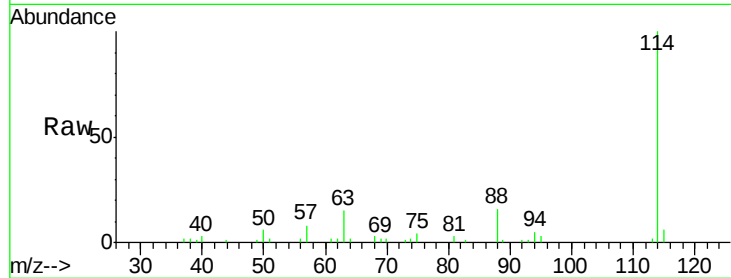
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



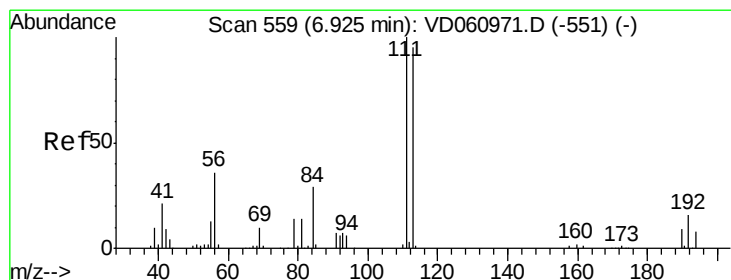
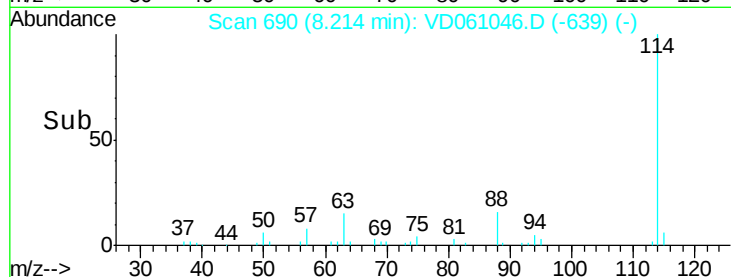
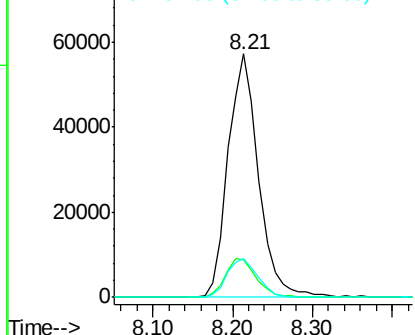


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061046.D
 Acq: 13 Mar 2019 17:03

Tot Ion:114 Resp: 153173
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 31.4
 88 16.0 0.0 33.0

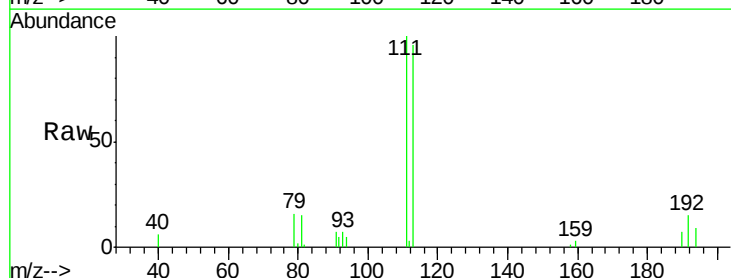


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

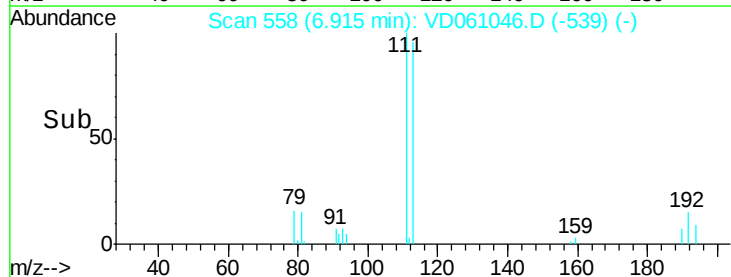
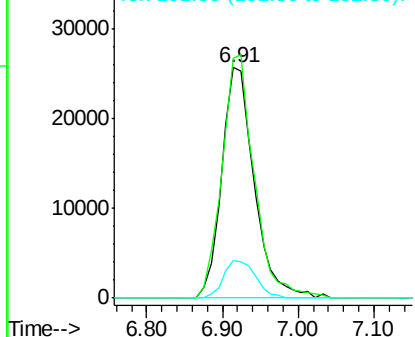


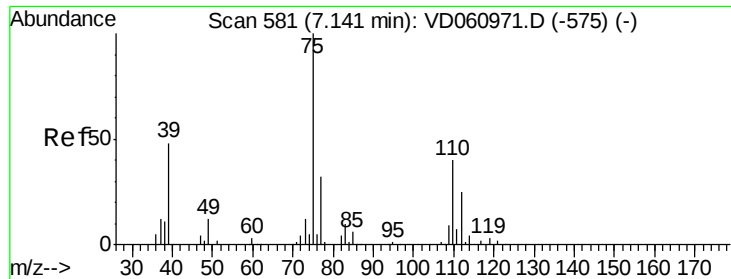
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061046.D
 Acq: 13 Mar 2019 17:03

Tgt Ion:113 Resp: 76621
 Ion Ratio Lower Upper
 113 100
 111 104.4 84.2 126.4
 192 16.1 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: 4.546 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD061046.D

Acq: 13 Mar 2019 17:03

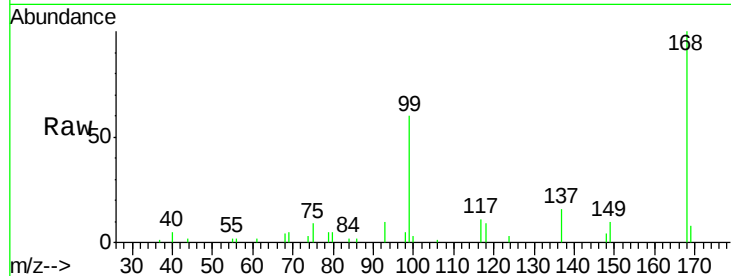
Tot Ion: 75 Resp: 6002

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.1#

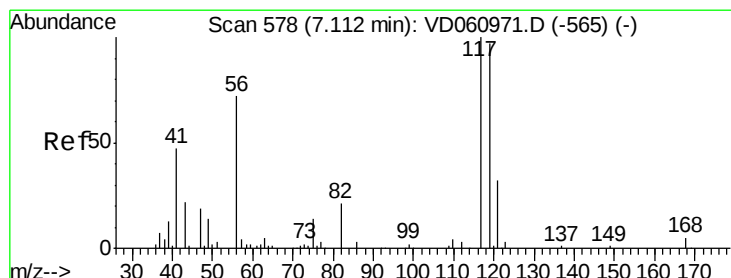
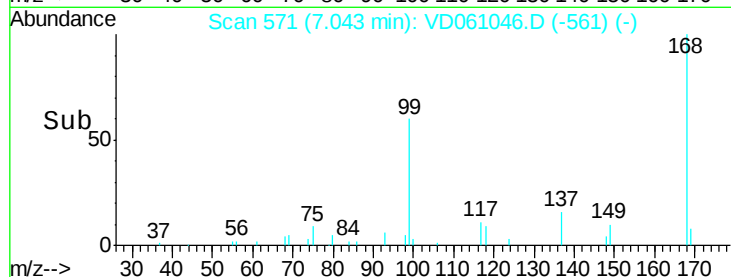
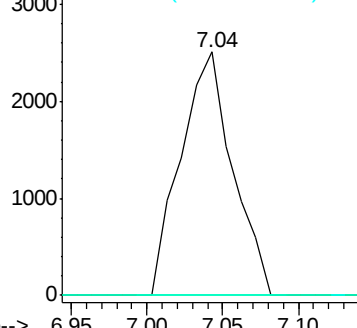
77 0.0 24.7 37.1#



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: 5.785 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061046.D

Acq: 13 Mar 2019 17:03

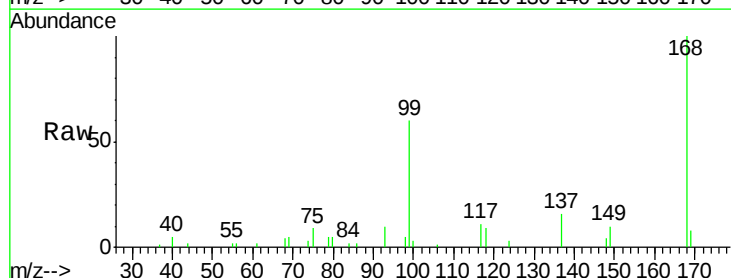
Tgt Ion: 117 Resp: 8413

Ion Ratio Lower Upper

117 100

119 0.0 77.8 116.8#

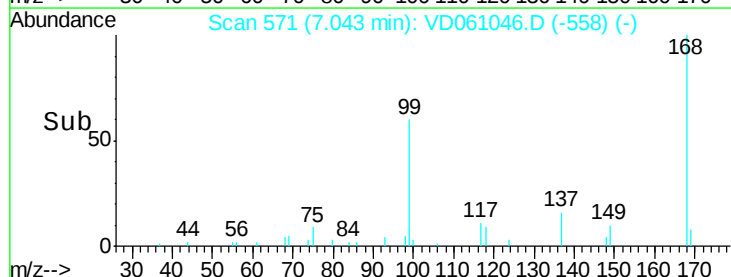
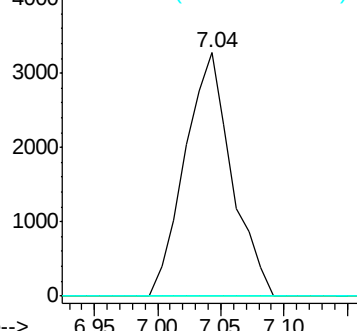
121 0.0 25.3 37.9#

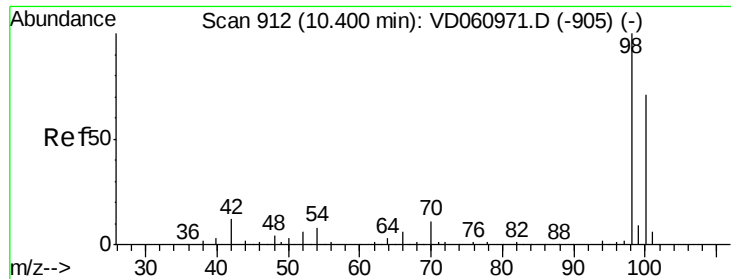


Abundance Ion 116.85 (116.55 to 117.55): V

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: VD061046.D

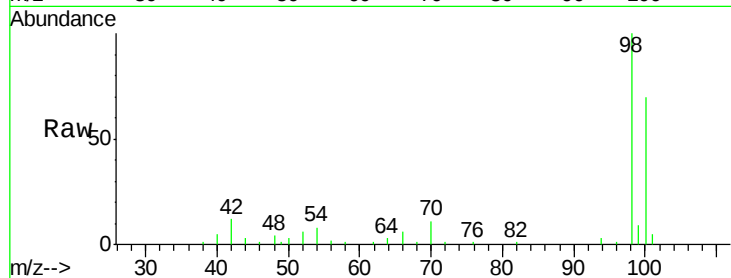
Acq: 13 Mar 2019 17:03

Tot Ion: 98 Resp: 145532

Ion Ratio Lower Upper

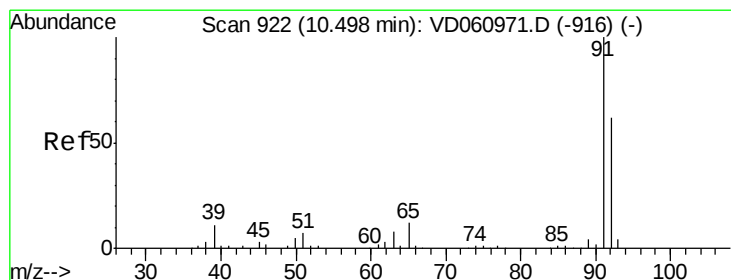
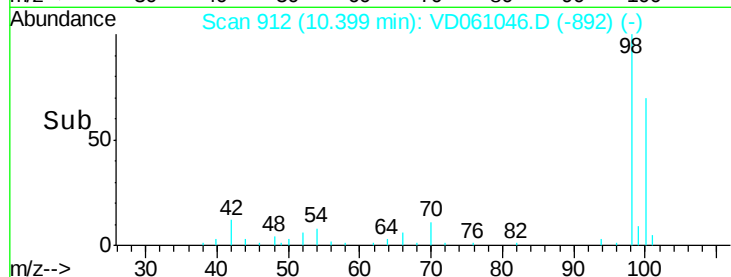
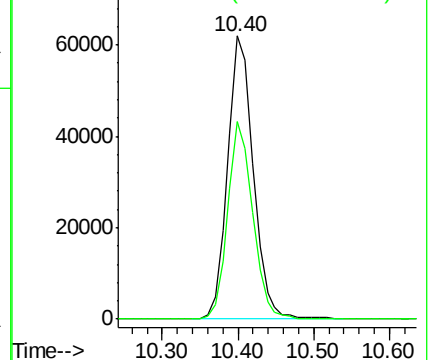
98 100

100 70.0 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 2.771 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD061046.D

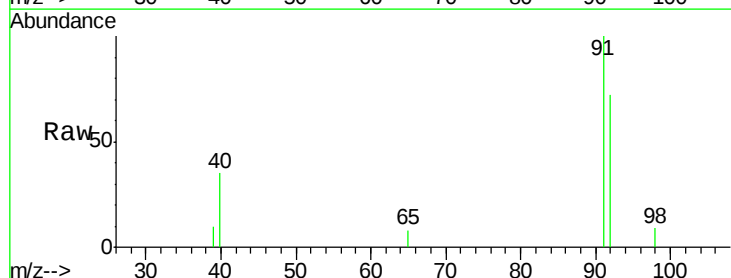
Acq: 13 Mar 2019 17:03

Tgt Ion: 92 Resp: 5684

Ion Ratio Lower Upper

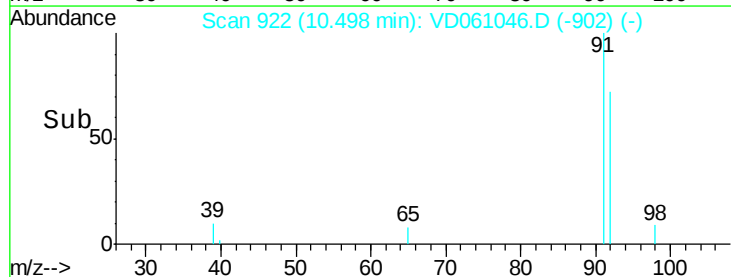
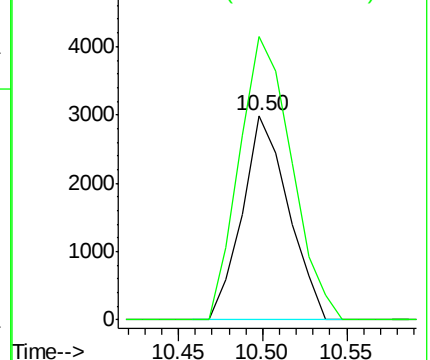
92 100

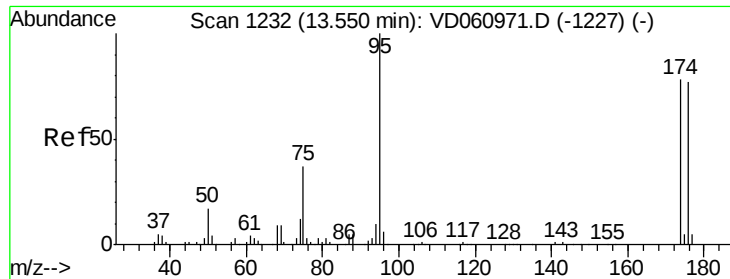
91 138.5 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061046.D

Acq: 13 Mar 2019 17:03

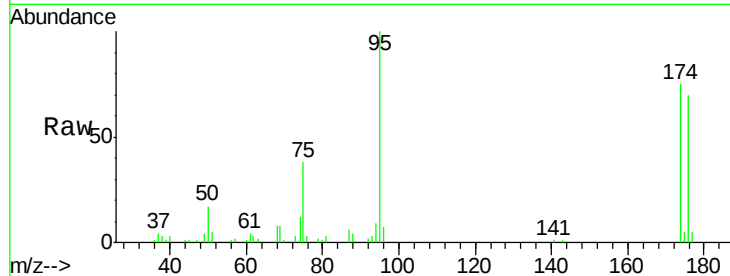
Tot Ion: 95 Resp: 69654

Ion Ratio Lower Upper

95 100

174 75.0 0.0 155.6

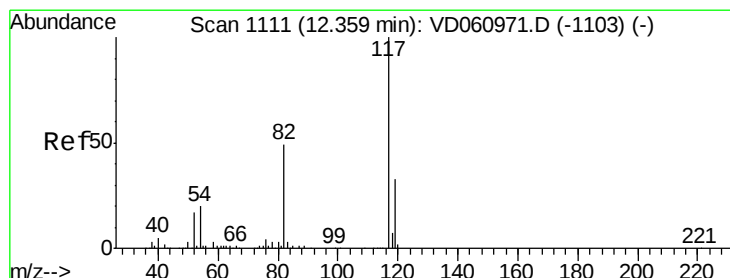
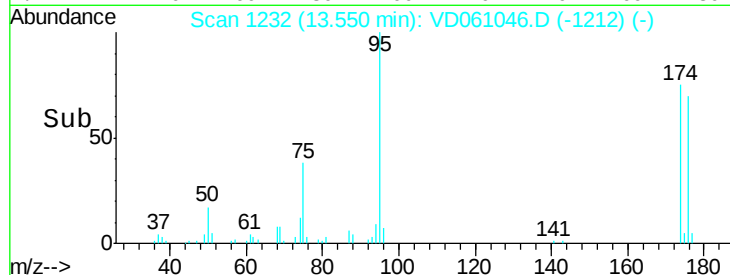
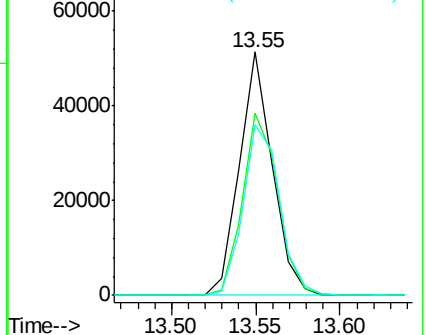
176 69.9 0.0 153.8



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: VD061046.D

Acq: 13 Mar 2019 17:03

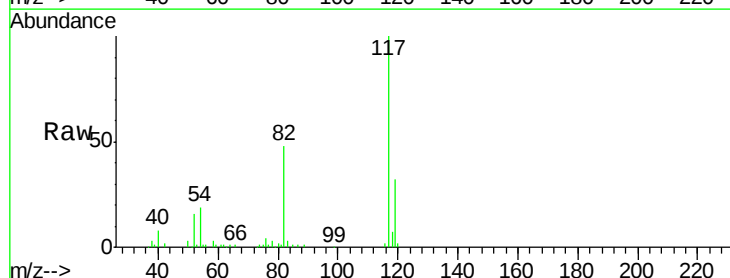
Tgt Ion: 117 Resp: 144088

Ion Ratio Lower Upper

117 100

82 48.2 38.9 58.3

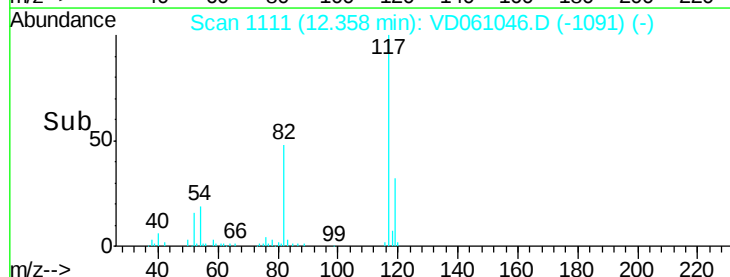
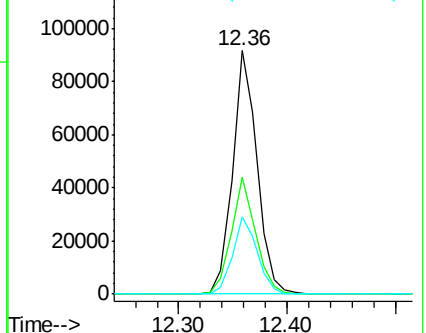
119 31.9 26.6 39.8

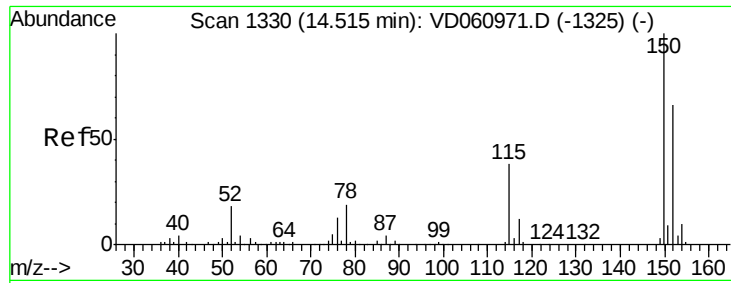


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

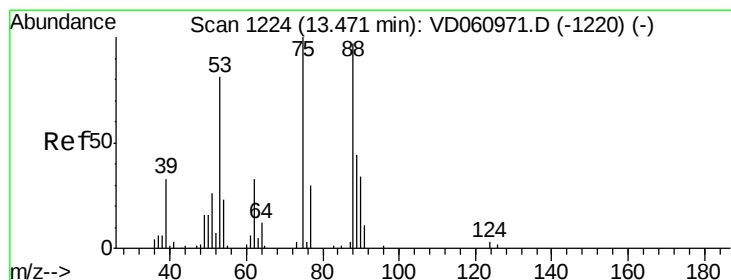
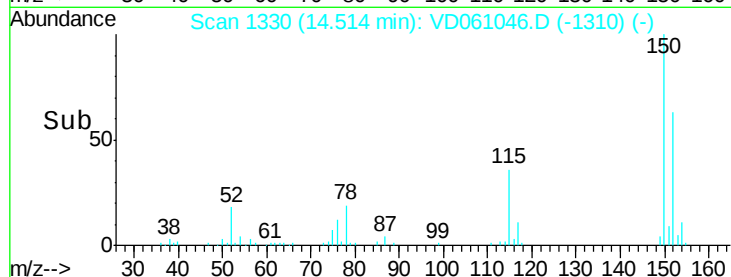
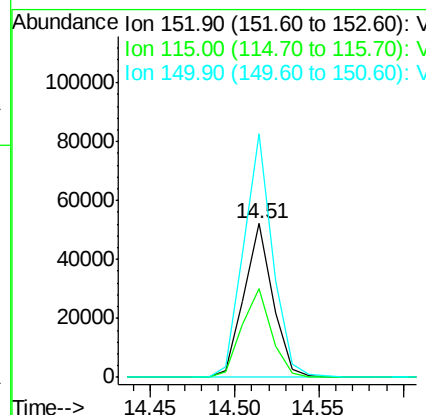
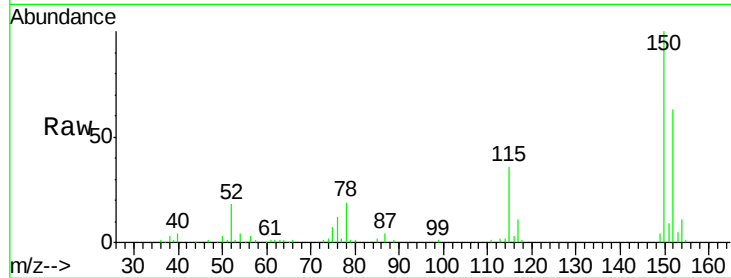
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061046.D
 Acq: 13 Mar 2019 17:03

Tot Ion:152 Resp: 62234
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.6 85.9
 150 158.3 0.0 310.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.141 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061046.D
 Acq: 13 Mar 2019 17:03

Tgt Ion: 75 Resp: 26698
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

