

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

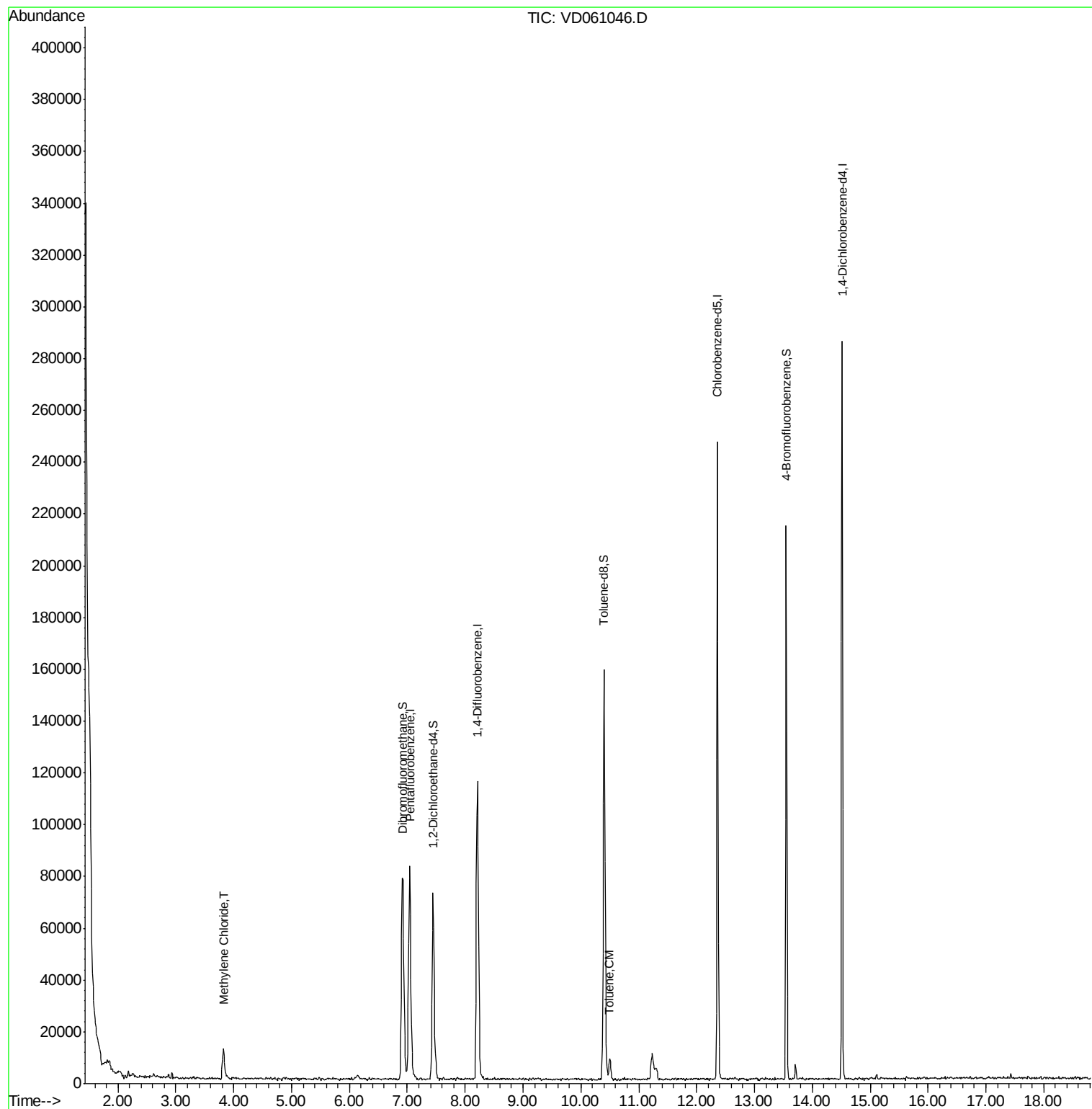
Quant Time: Mar 14 03:16:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

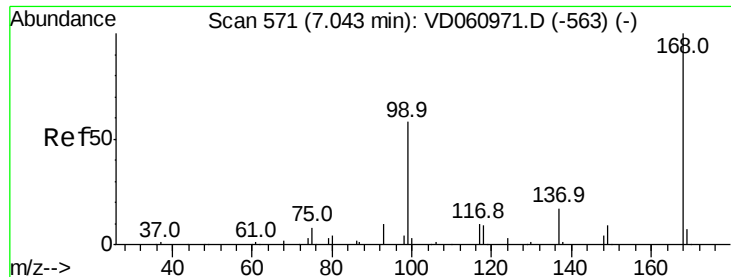
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	86855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	153173	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	144088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	62234	50.00	ug/l	0.00
System Monitoring Compounds						
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						
20) Methylene Chloride	3.81	84	8947	5.324	ug/l	98
52) Toluene	10.50	92	5684	2.771	ug/l	82

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061046.D

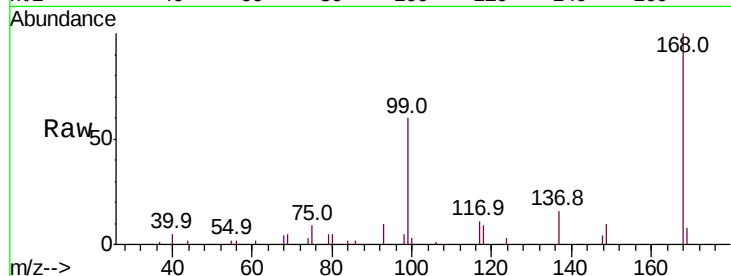
Acq: 13 Mar 2019 17:03

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

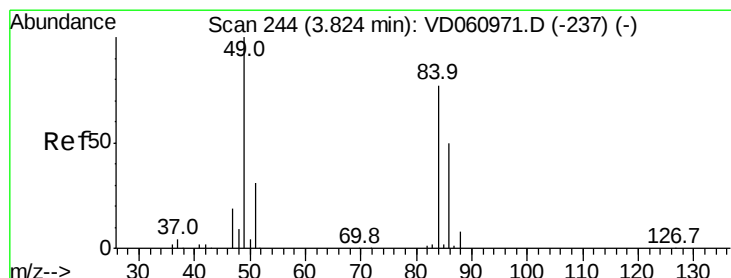
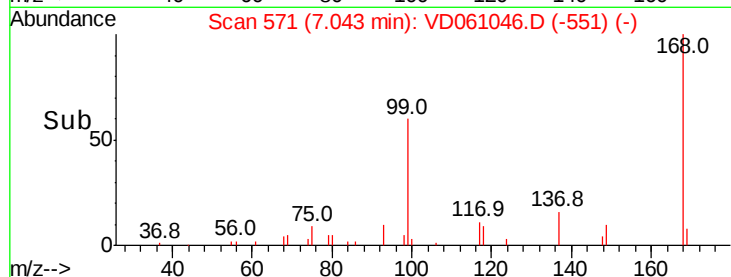
20000

10000

0

Time-->

6.90 7.00 7.10 7.20



#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

Tgt Ion: 84 Resp: 8947

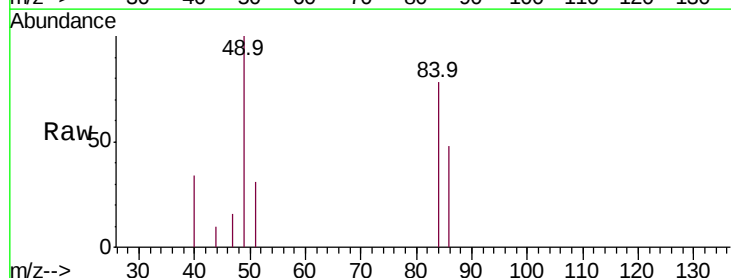
Ion Ratio Lower Upper

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

6000

5000

4000

3000

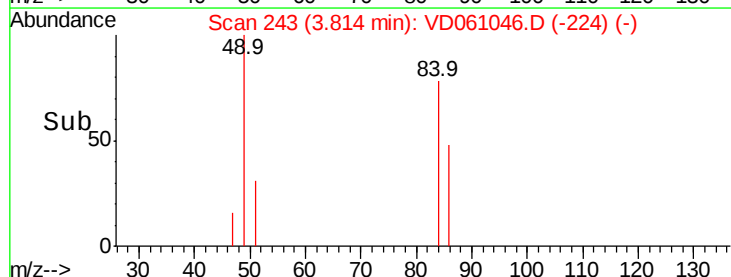
2000

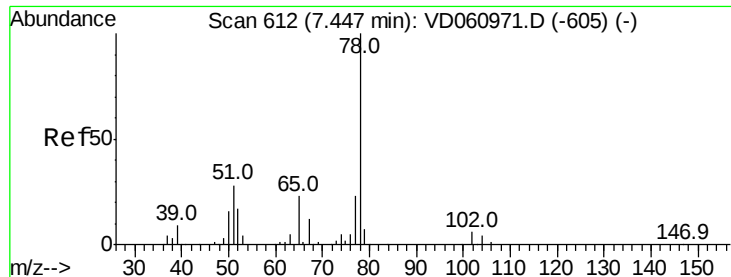
1000

0

Time-->

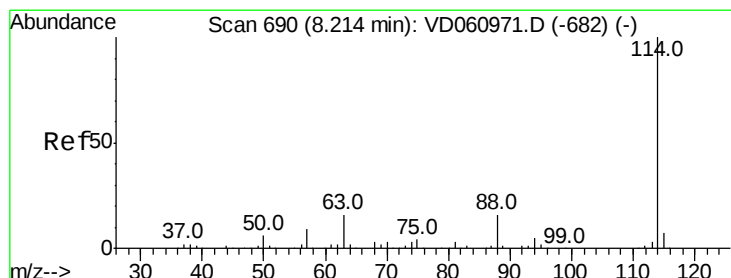
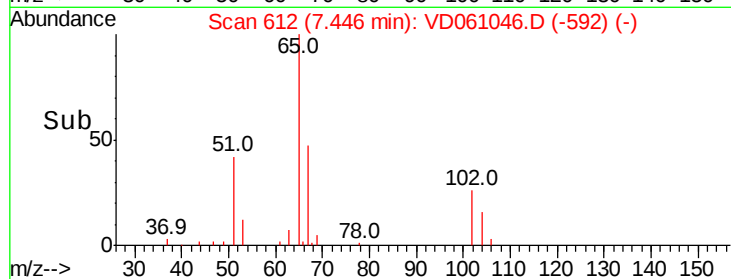
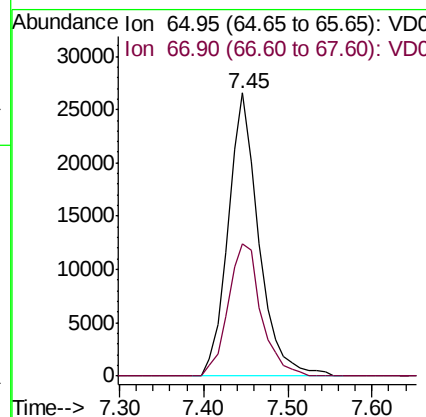
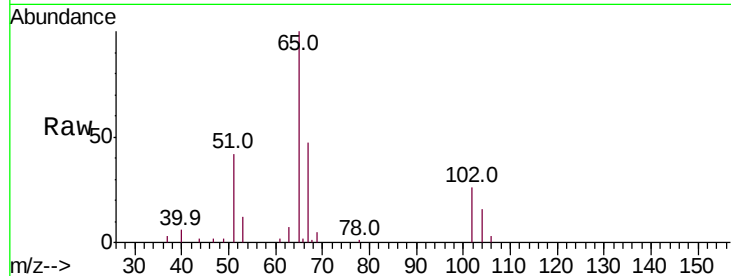
3.75 3.80 3.85 3.90





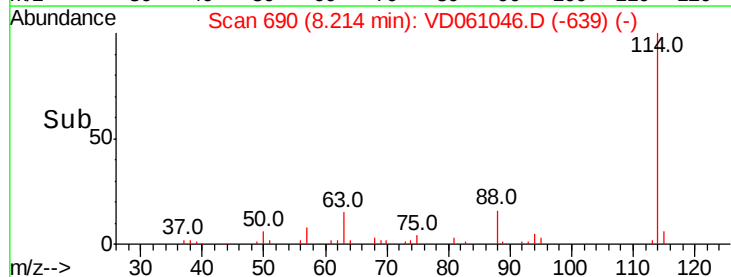
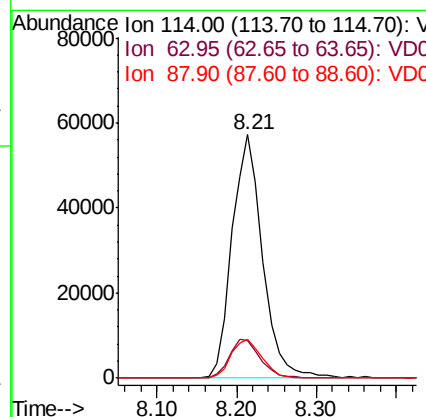
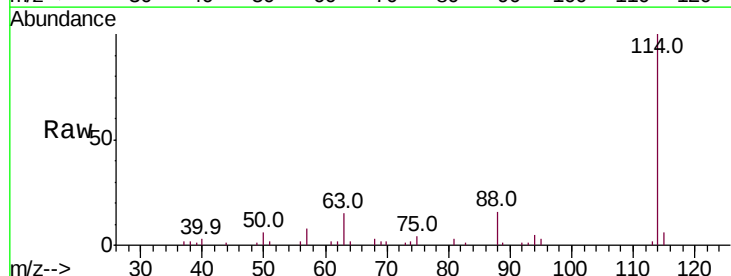
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD061046.D
 Acq: 13 Mar 2019 17:03

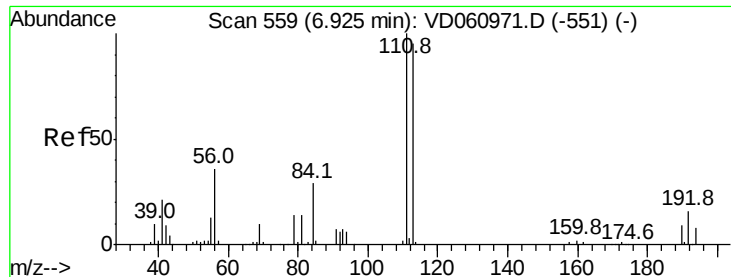
Tot Ion: 65 Resp: 66969
 Ion Ratio Lower Upper
 65 100
 67 46.7 0.0 105.2



#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

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





#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

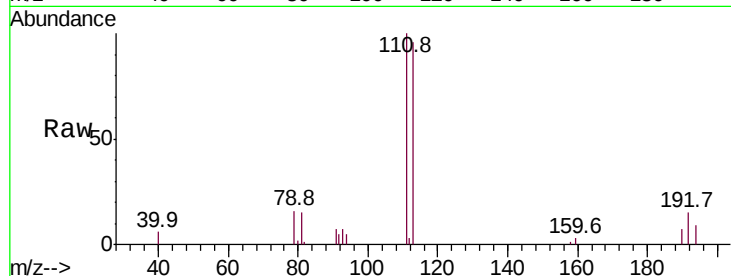
Tot Ion:113 Resp: 76621

Ion	Ratio	Lower	Upper
113	100		
111	104.4	84.2	126.4
192	16.1	13.1	19.7

113 100

111 104.4 84.2 126.4

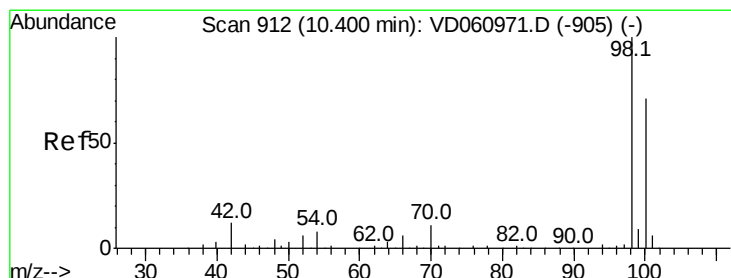
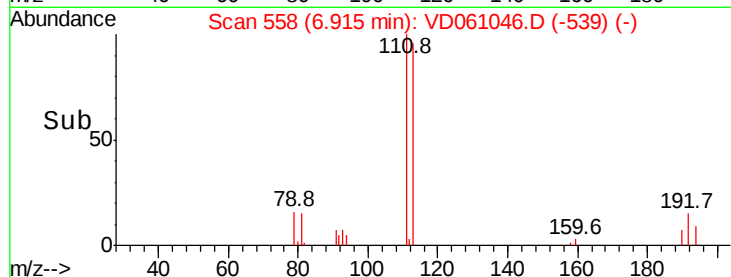
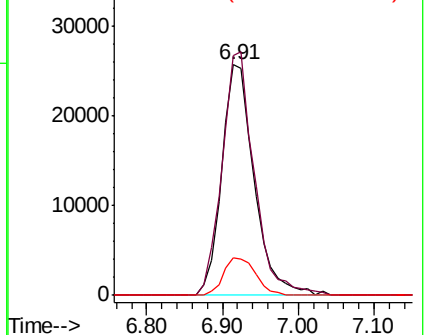
192 16.1 13.1 19.7



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061046.D

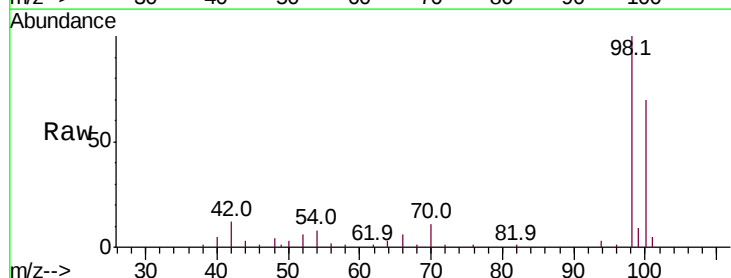
Acq: 13 Mar 2019 17:03

Tgt Ion: 98 Resp: 145532

Ion	Ratio	Lower	Upper
98	100		
100	70.0	57.4	86.2

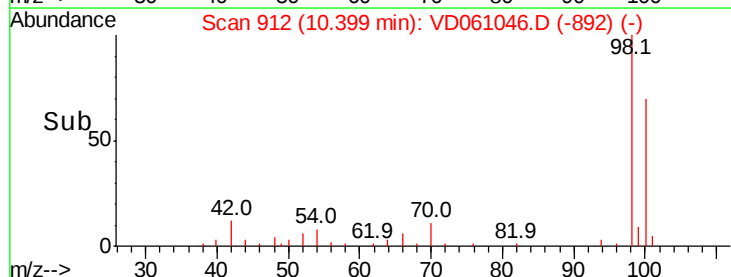
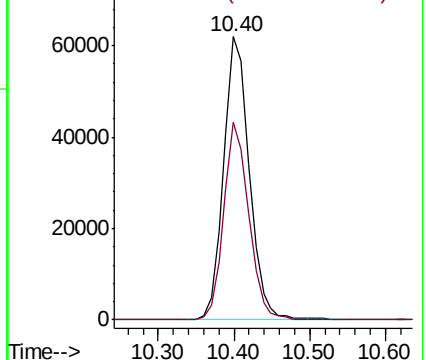
98 100

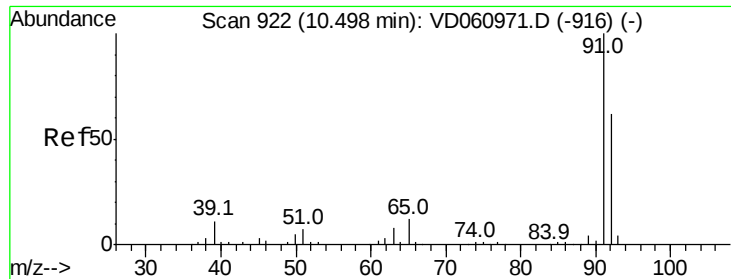
100 70.0 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.771 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD061046.D

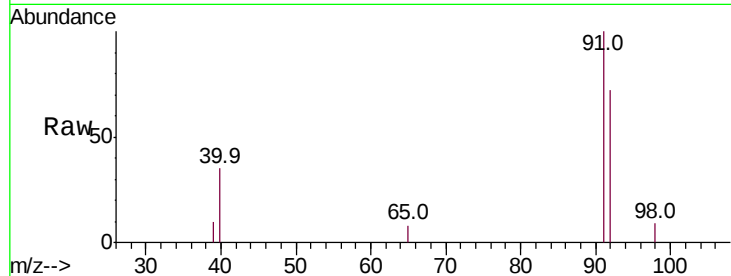
Acq: 13 Mar 2019 17:03

Tot Ion: 92 Resp: 5684

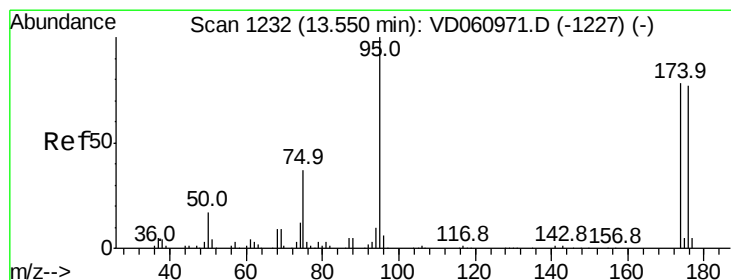
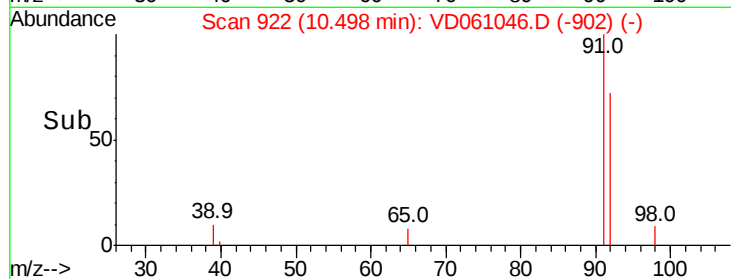
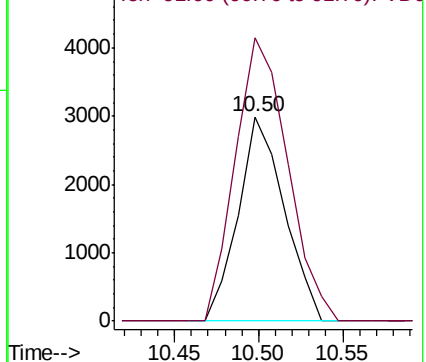
Ion Ratio Lower Upper

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

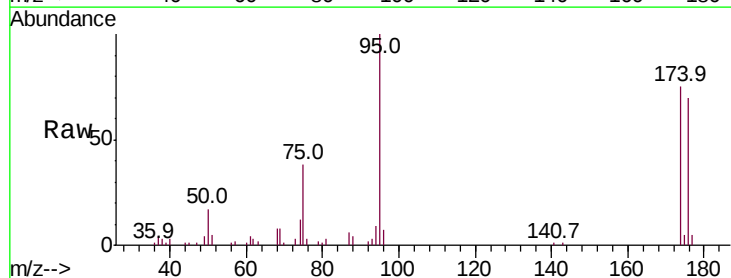
Tgt Ion: 95 Resp: 69654

Ion Ratio Lower Upper

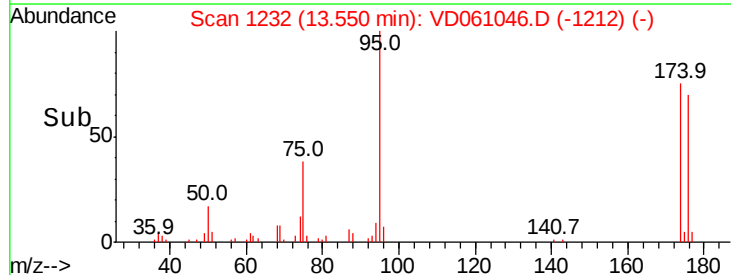
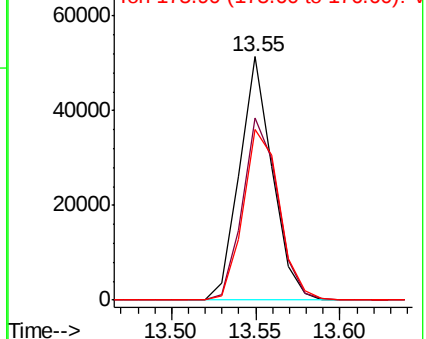
95 100

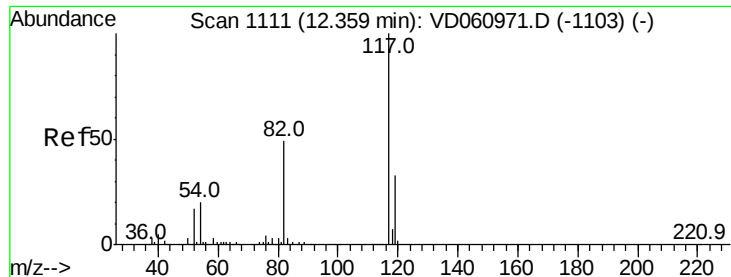
174 75.0 0.0 155.6

176 69.9 0.0 153.8



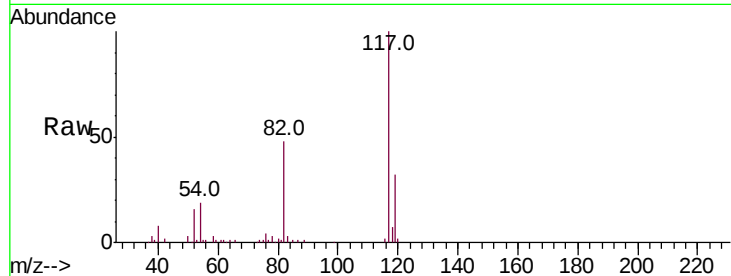
Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC



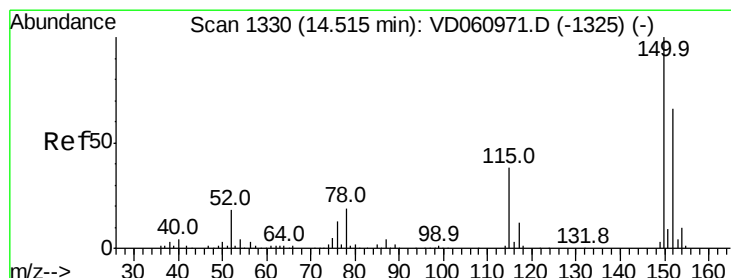
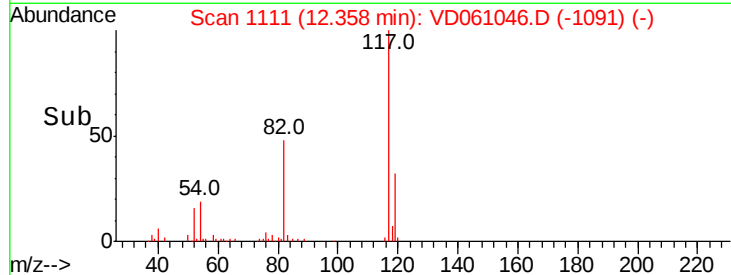
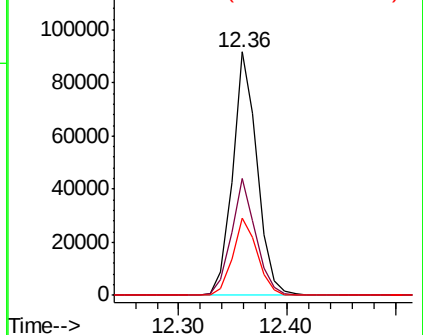


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061046.D
Acq: 13 Mar 2019 17:03

Tot Ion:117 Resp: 144088
Ion Ratio Lower Upper
117 100
82 48.2 38.9 58.3
119 31.9 26.6 39.8

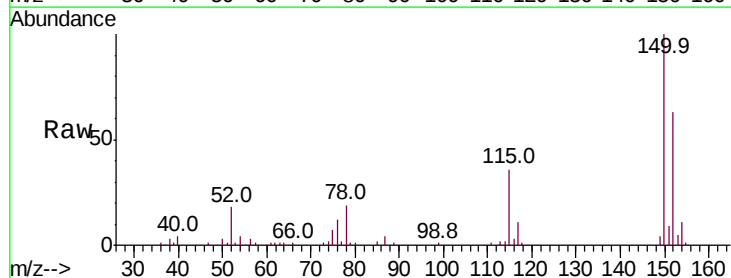


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#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

Tgt Ion:152 Resp: 62234
Ion Ratio Lower Upper
152 100
115 57.8 28.6 85.9
150 158.3 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

