

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061107.D
 Acq On : 16 Mar 2019 14:13
 Operator : VA/AP
 Sample : K1922-01
 Misc : 5.87g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

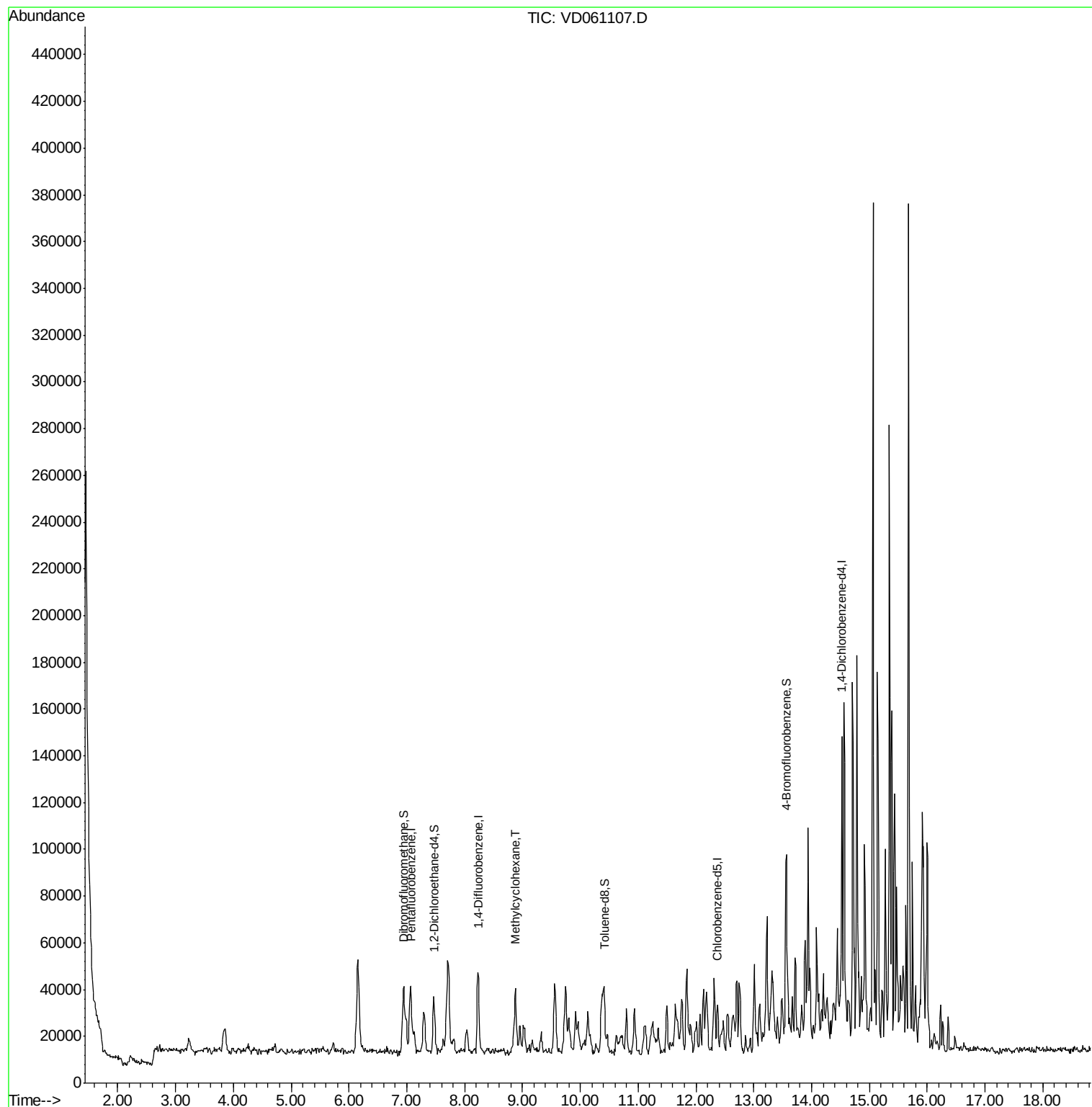
Quant Time: Mar 18 03:54:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

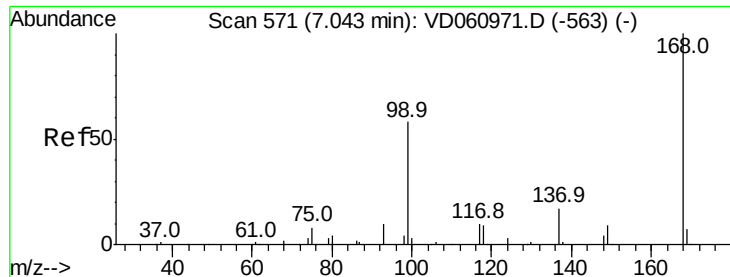
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	31843	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	47252	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	14408	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	27346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	22596	85.25	ug/l	0.02
Spiked Amount 50.000			Recovery	=	170.50%	
35) Dibromofluoromethane	6.94	113	28435	81.09	ug/l	0.01
Spiked Amount 50.000			Recovery	=	162.18%	
50) Toluene-d8	10.42	98	7843	8.91	ug/l	0.02
Spiked Amount 50.000			Recovery	=	17.82%	
62) 4-Bromofluorobenzene	13.55	95	25605	74.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.88%	
Target Compounds						
39) Methylcyclohexane	8.88	83	15407	36.480	ug/l	Qvalue 96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061107.D

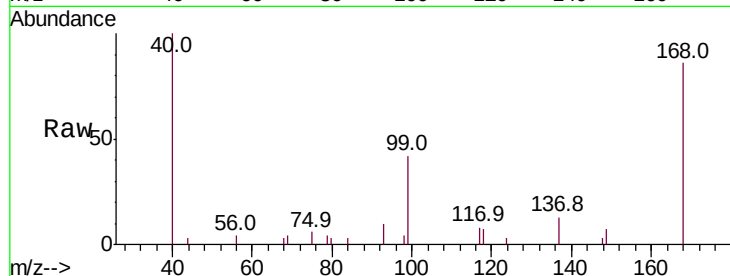
Acq: 16 Mar 2019 14:13

Tot Ion:168 Resp: 31843

Ion Ratio Lower Upper

168 100

99 48.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

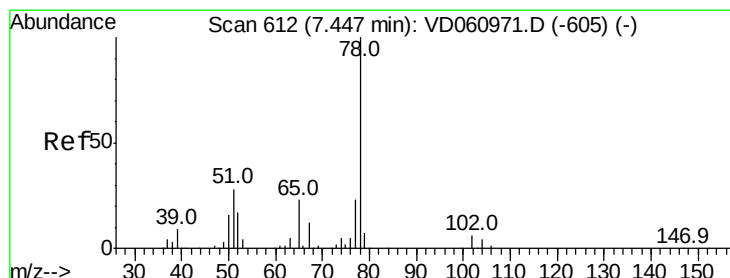
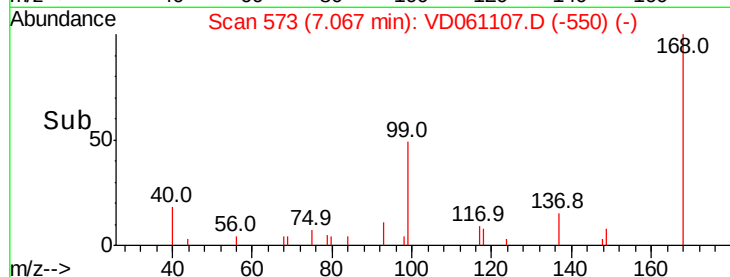
7.07

10000

5000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061107.D

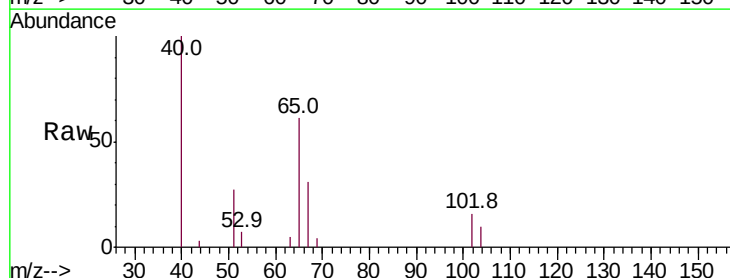
Acq: 16 Mar 2019 14:13

Tgt Ion: 65 Resp: 22596

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

10000

8000

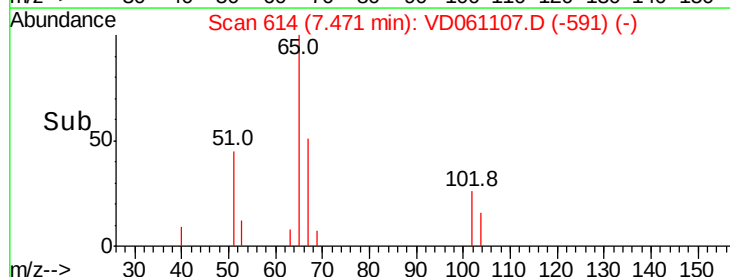
6000

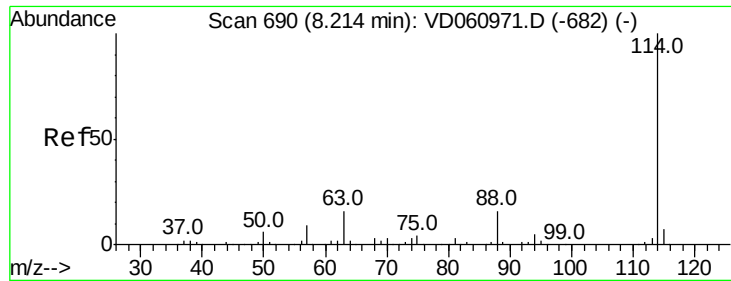
4000

2000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061107.D

Acq: 16 Mar 2019 14:13

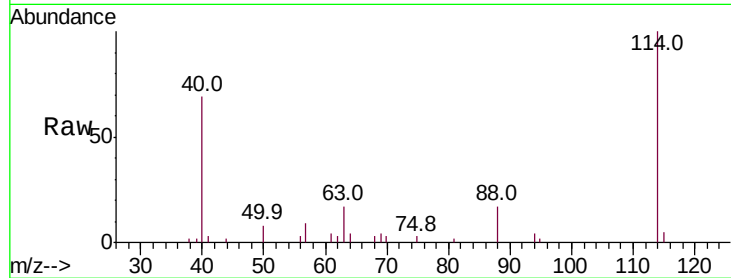
Tot Ion:114 Resp: 47252

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.4

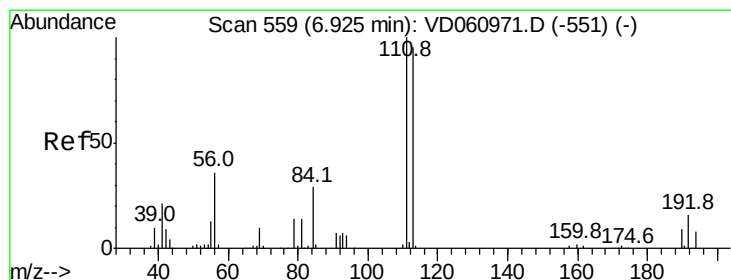
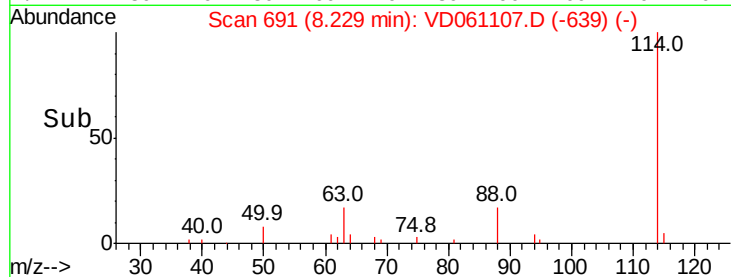
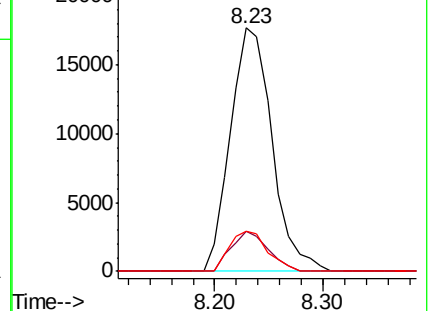
88 16.6 0.0 33.0



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: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061107.D

Acq: 16 Mar 2019 14:13

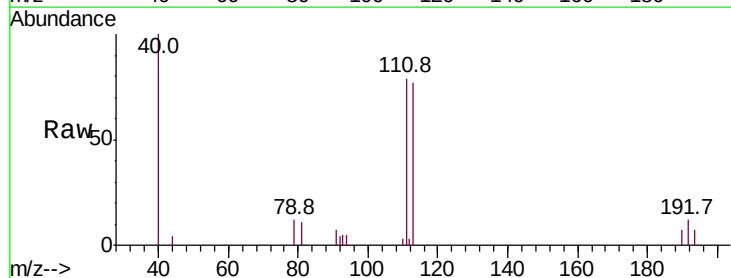
Tgt Ion:113 Resp: 28435

Ion Ratio Lower Upper

113 100

111 102.5 84.2 126.4

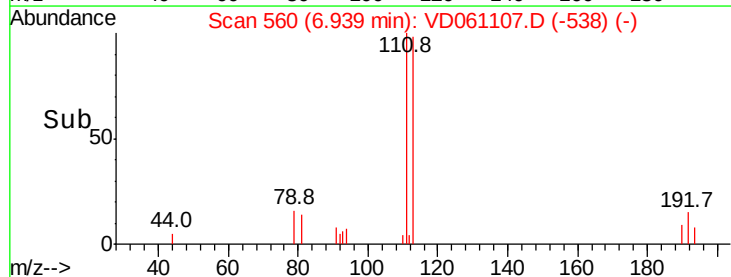
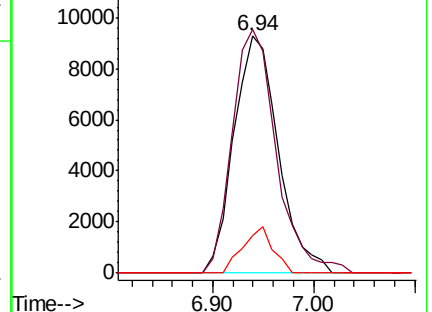
192 15.8 13.1 19.7

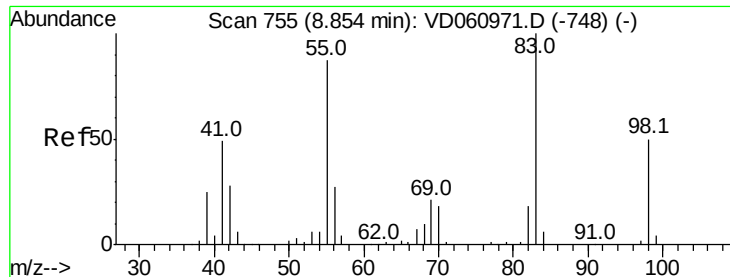


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

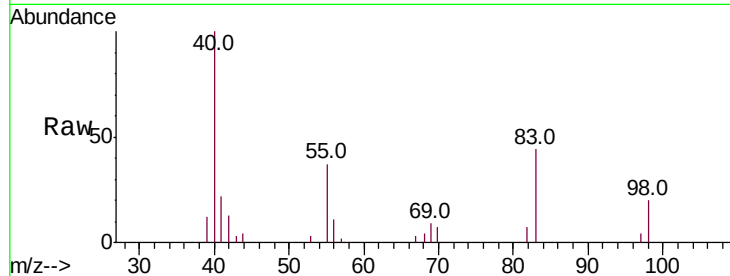
Ion 191.80 (191.50 to 192.50): V



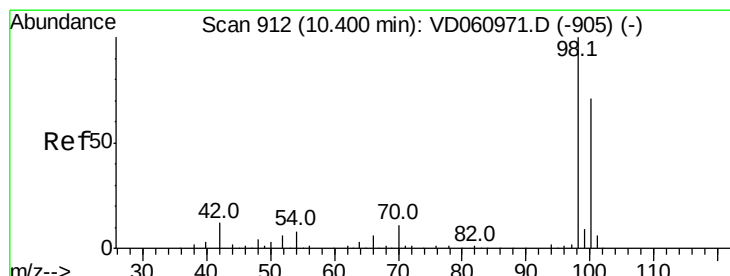
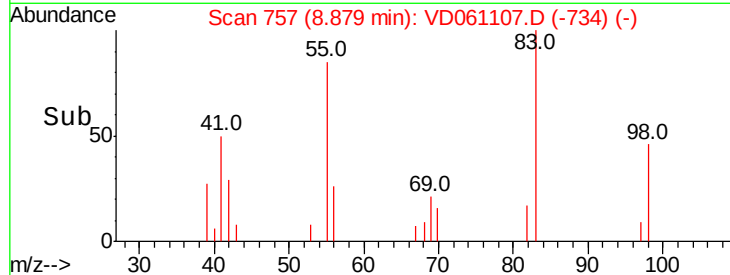
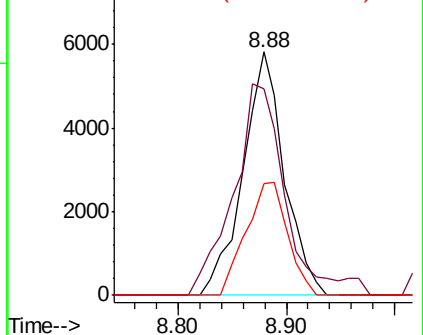


#39
Methylcyclohexane
Concen: 36.480 ug/l
RT: 8.88 min Scan# 757
Delta R.T. 0.02 min
Lab File: VD061107.D
Acq: 16 Mar 2019 14:13

Tot Ion: 83 Resp: 15407
Ion Ratio Lower Upper
83 100
55 84.7 69.6 104.4
98 45.7 40.0 60.0

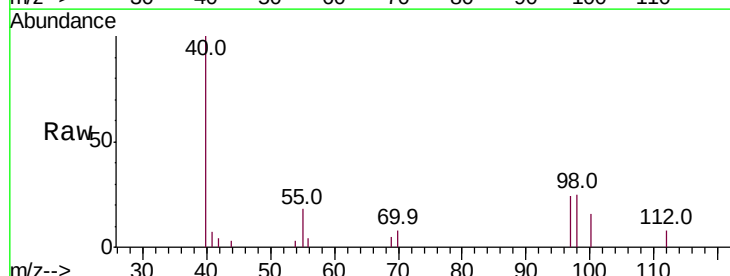


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

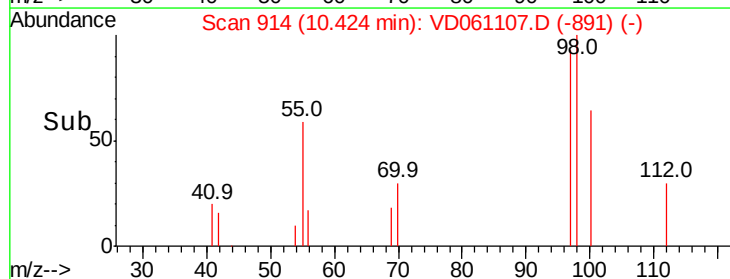
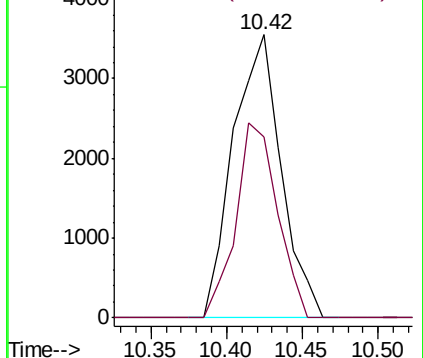


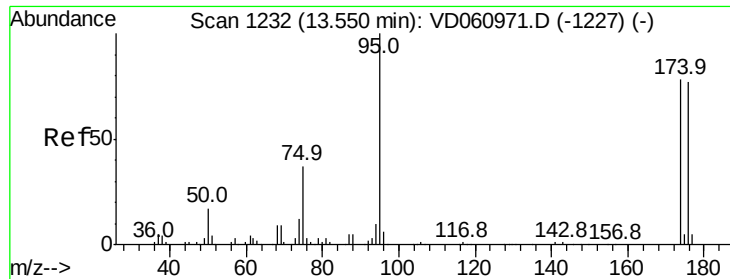
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061107.D
Acq: 16 Mar 2019 14:13

Tgt Ion: 98 Resp: 7843
Ion Ratio Lower Upper
98 100
100 64.1 57.4 86.2



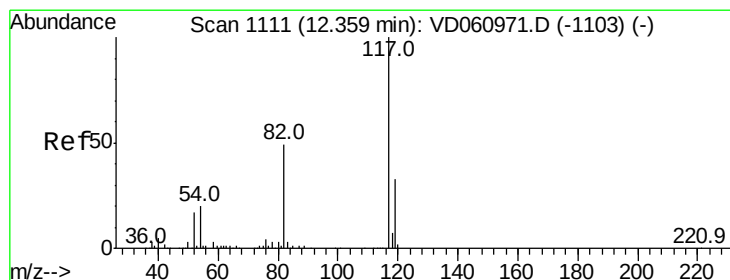
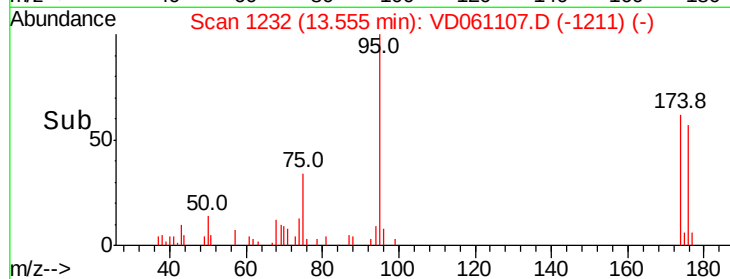
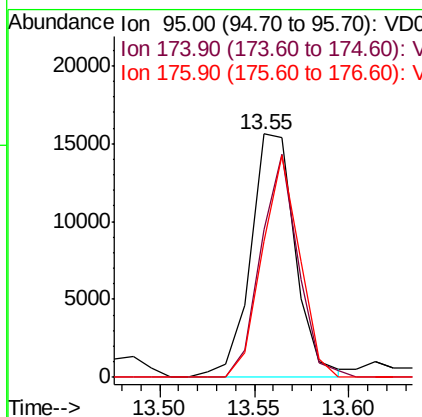
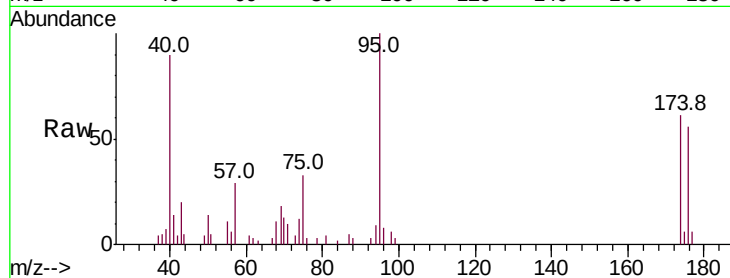
Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





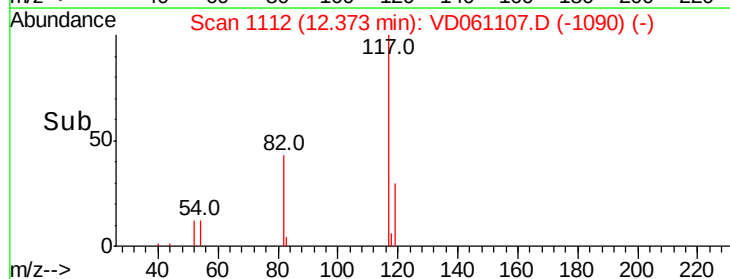
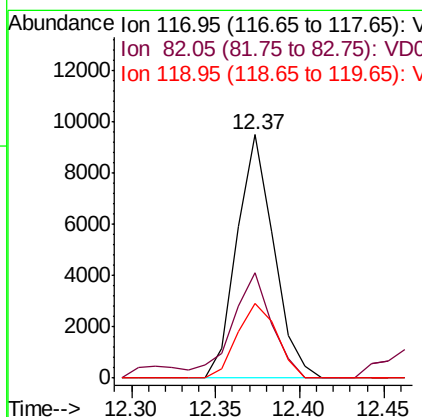
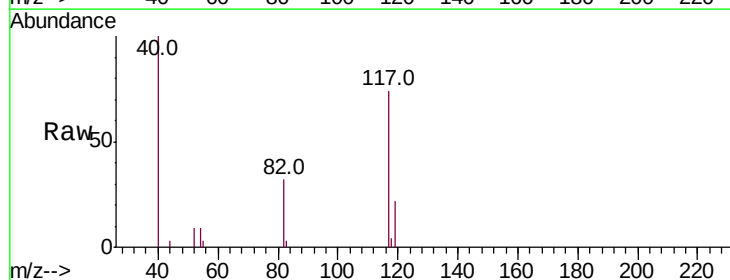
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD061107.D
 Acq: 16 Mar 2019 14:13

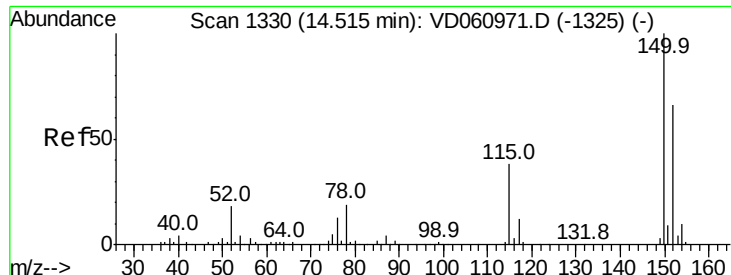
Tot Ion:	95	Resp:	25605
Ion	Ratio	Lower	Upper
95	100		
174	60.6	0.0	155.6
176	55.8	0.0	153.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VD061107.D
 Acq: 16 Mar 2019 14:13

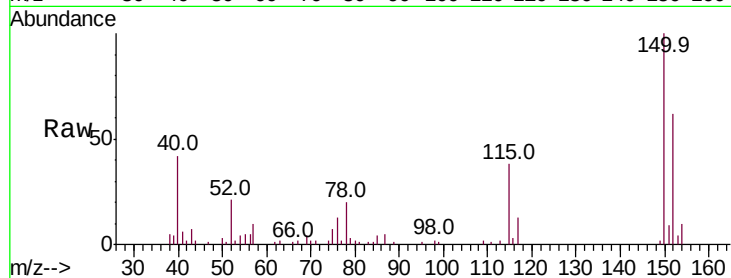
Tgt Ion:	117	Resp:	14408
Ion	Ratio	Lower	Upper
117	100		
82	43.1	38.9	58.3
119	30.4	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061107.D
 Acq: 16 Mar 2019 14:13

Tot Ion:	152	Resp:	27346
Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.6	85.9
150	160.8	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

