

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061051.D
 Acq On : 13 Mar 2019 19:21
 Operator : VA/AP
 Sample : K1869-09
 Misc : 6.45g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

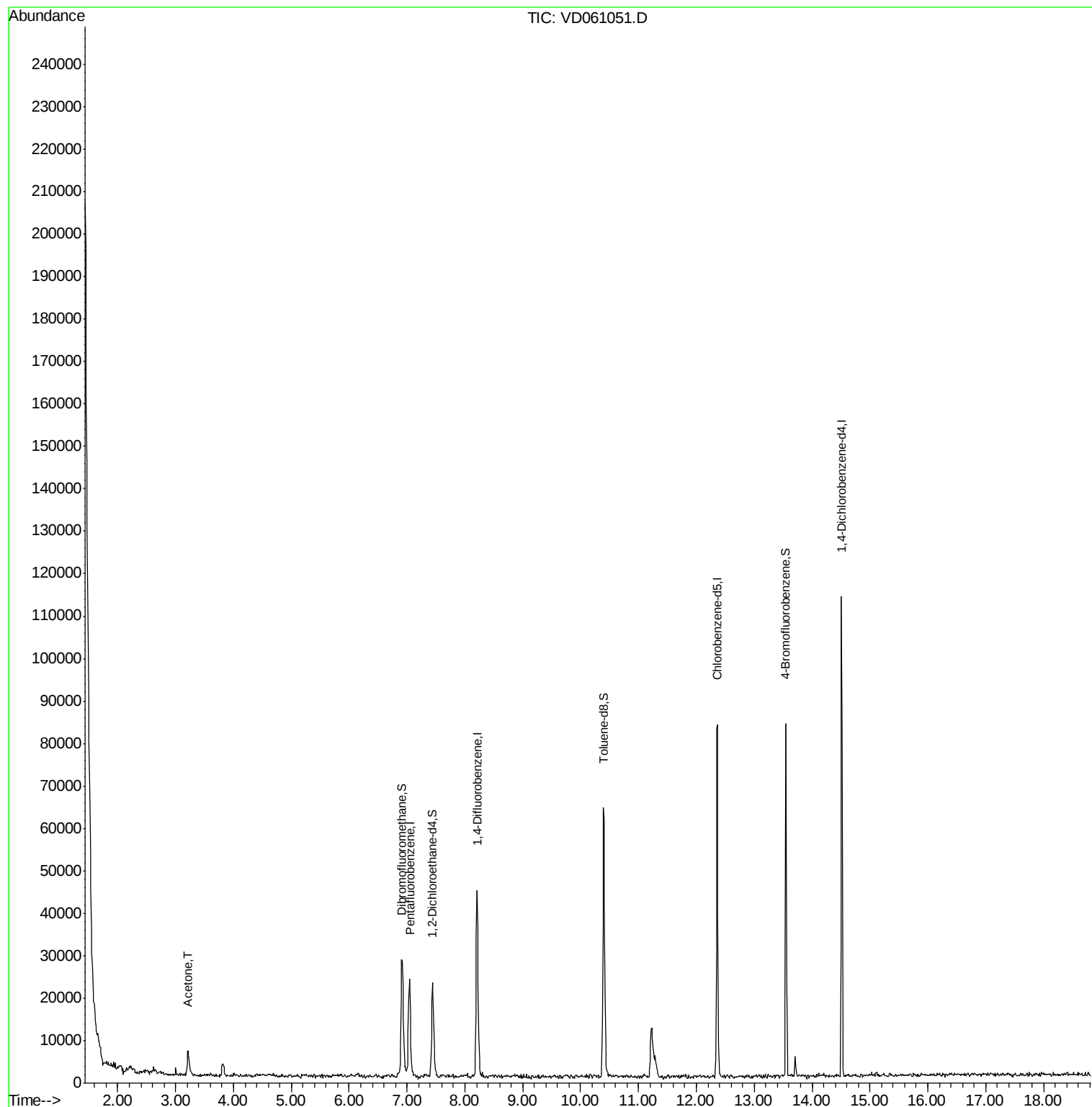
Quant Time: Mar 14 03:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

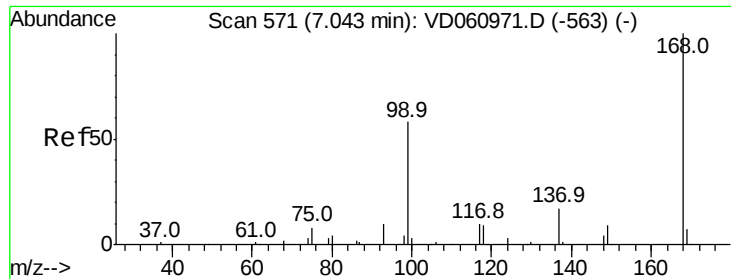
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	7.04	168	26119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	55676	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	56926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	25968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	24531	112.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	225.66%	
35) Dibromofluoromethane	6.92	113	26831	64.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.88%	
50) Toluene-d8	10.40	98	58608	56.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.96%	
62) 4-Bromofluorobenzene	13.54	95	30000	74.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.02%	
Target Compounds						Qvalue
16) Acetone	3.21	43	11569	186.085	ug/l	92
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(#) = 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# 570

Delta R.T. -0.01 min

Lab File: VD061051.D

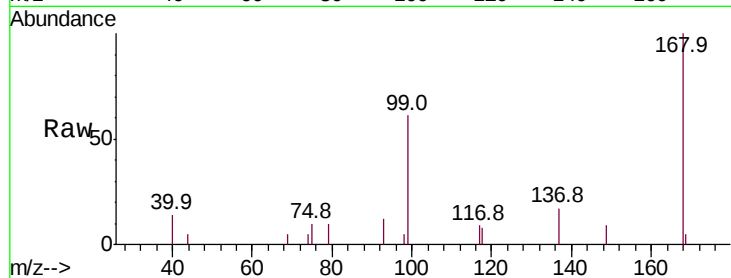
Acq: 13 Mar 2019 19:21

Tot Ion:168 Resp: 26119

Ion Ratio Lower Upper

168 100

99 61.4 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

8000

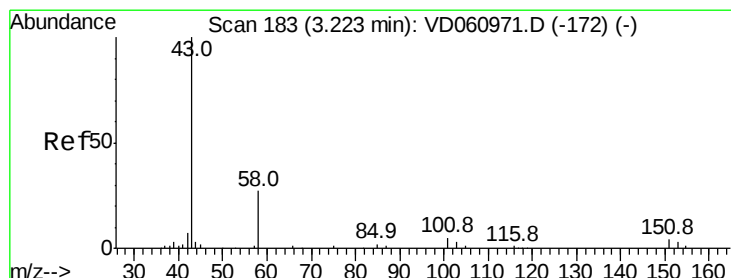
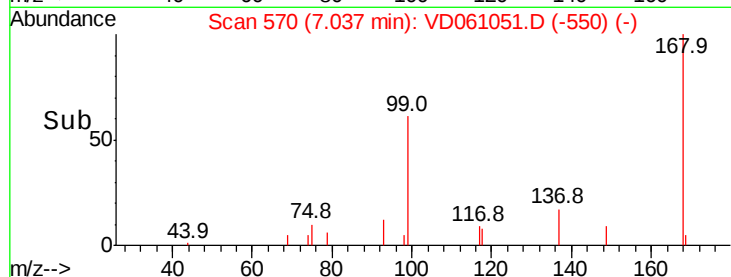
6000

4000

2000

0

Time--> 6.90 7.00 7.10



#16

Acetone

Concen: 186.085 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061051.D

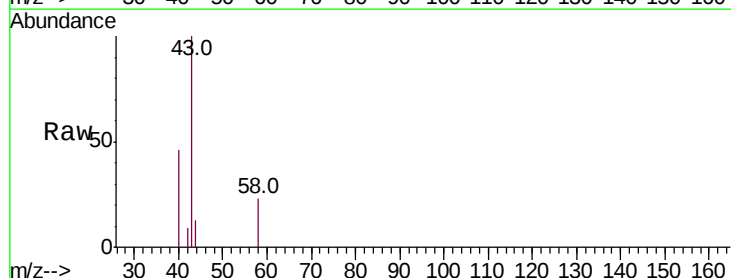
Acq: 13 Mar 2019 19:21

Tgt Ion: 43 Resp: 11569

Ion Ratio Lower Upper

43 100

58 23.0 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

4000

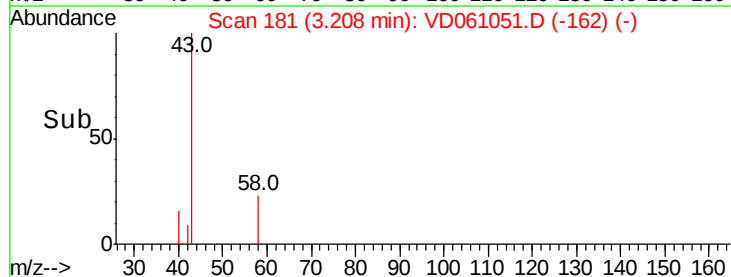
3000

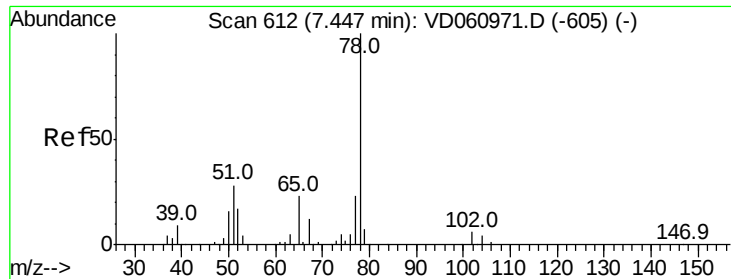
2000

1000

0

Time--> 3.10 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061051.D

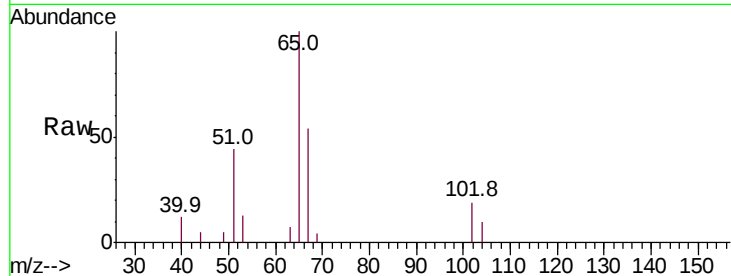
Acq: 13 Mar 2019 19:21

Tot Ion: 65 Resp: 24531

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

8000

6000

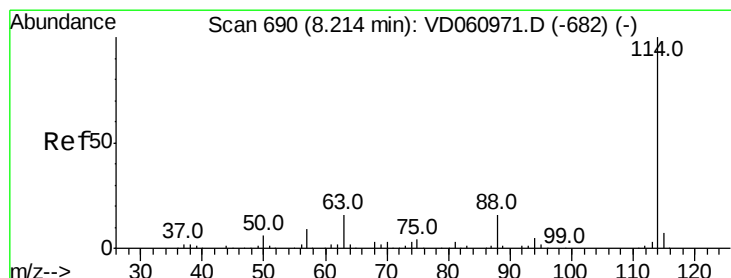
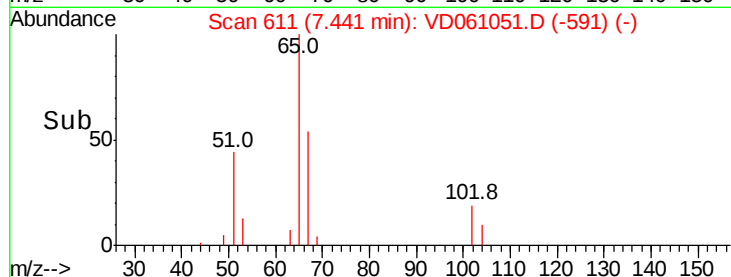
4000

2000

0

7.40 7.50

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061051.D

Acq: 13 Mar 2019 19:21

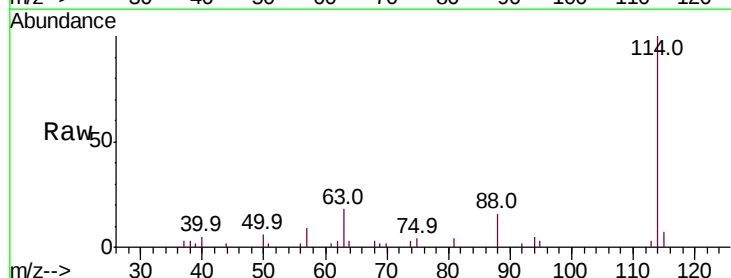
Tgt Ion: 114 Resp: 55676

Ion Ratio Lower Upper

114 100

63 18.4 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): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21

25000

20000

15000

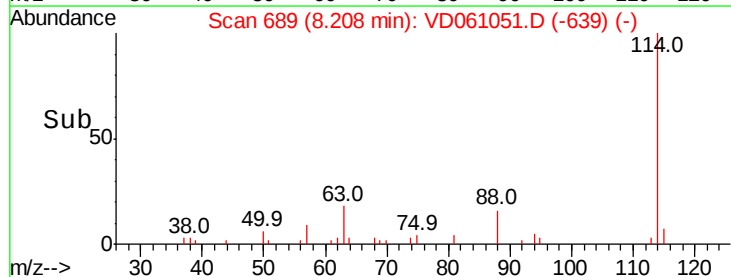
10000

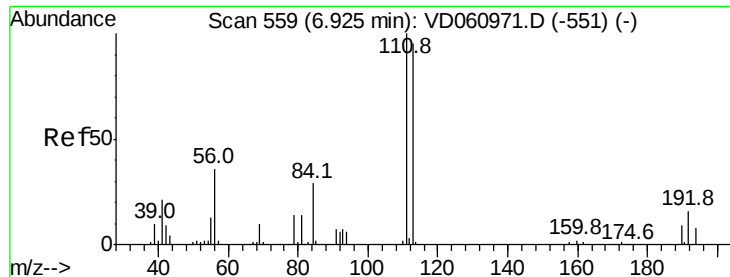
5000

0

8.10 8.20 8.30

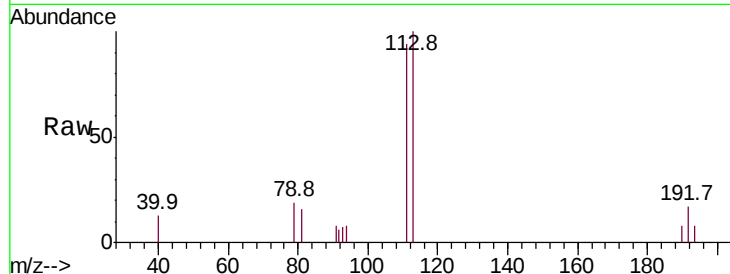
Time-->



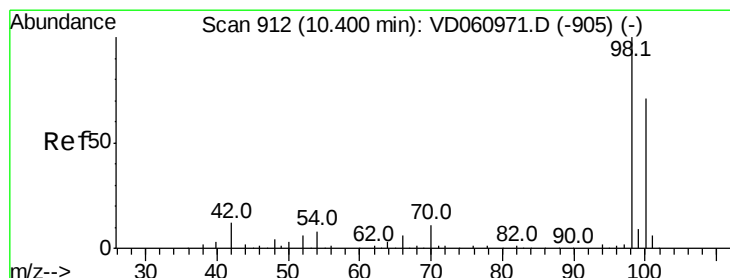
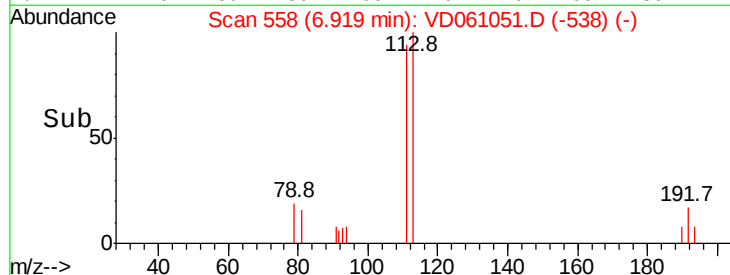
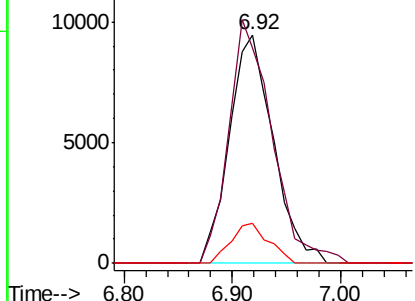


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061051.D
 Acq: 13 Mar 2019 19:21

Tot Ion:113 Resp: 26831
 Ion Ratio Lower Upper
 113 100
 111 94.2 84.2 126.4
 192 17.3 13.1 19.7

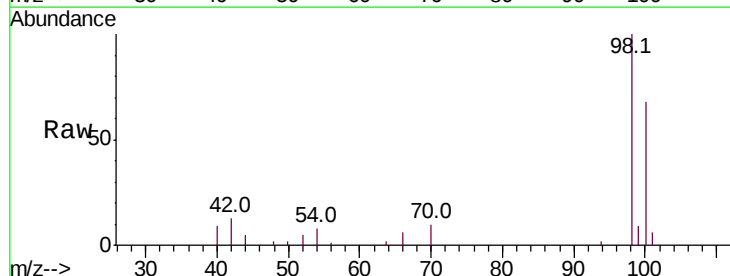


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

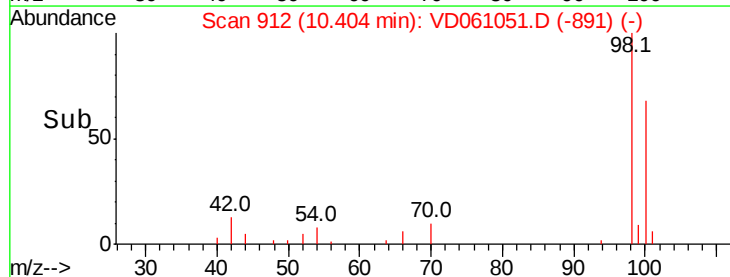
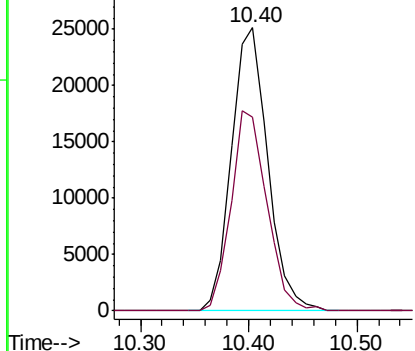


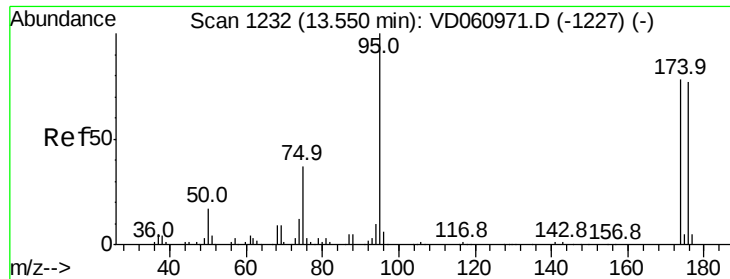
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VD061051.D
 Acq: 13 Mar 2019 19:21

Tgt Ion: 98 Resp: 58608
 Ion Ratio Lower Upper
 98 100
 100 68.3 57.4 86.2



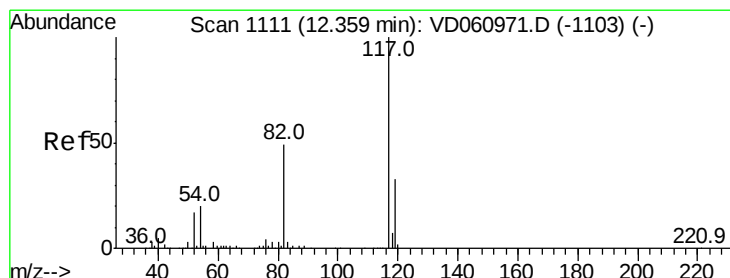
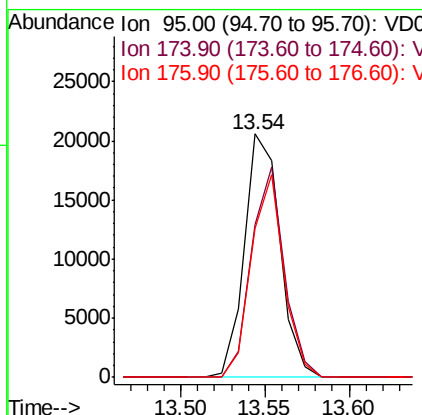
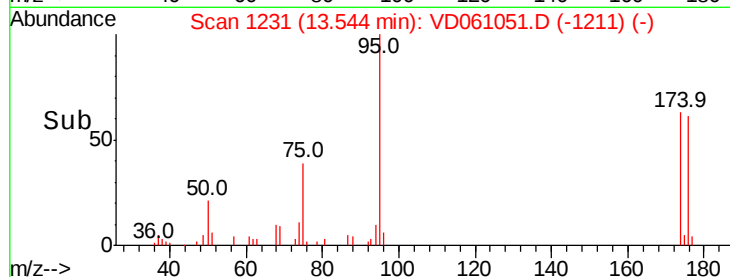
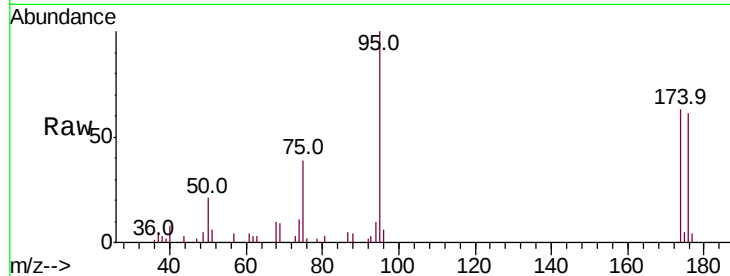
Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





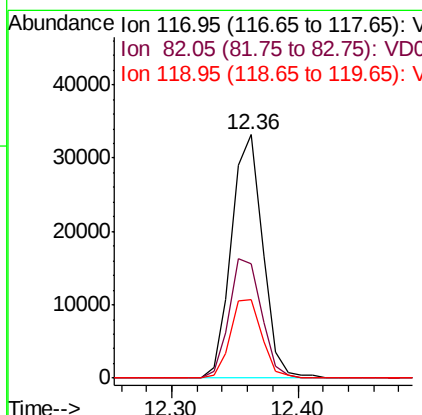
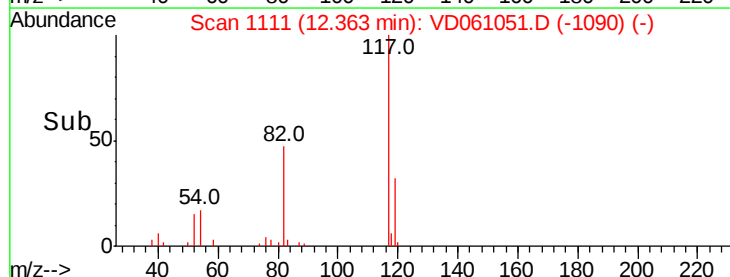
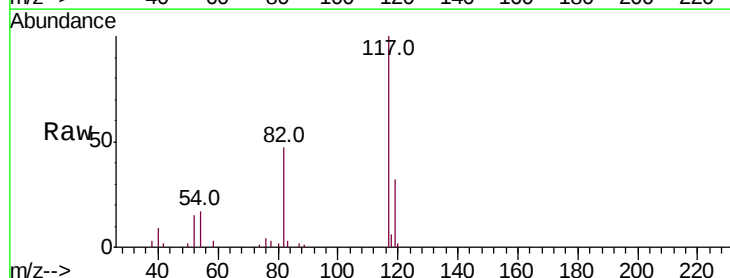
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061051.D
Acq: 13 Mar 2019 19:21

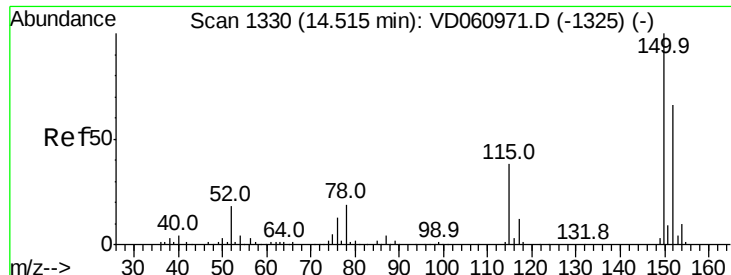
Tot Ion: 95 Resp: 30000
Ion Ratio Lower Upper
95 100
174 62.5 0.0 155.6
176 61.4 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061051.D
Acq: 13 Mar 2019 19:21

Tgt Ion: 117 Resp: 56926
Ion Ratio Lower Upper
117 100
82 47.1 38.9 58.3
119 32.0 26.6 39.8

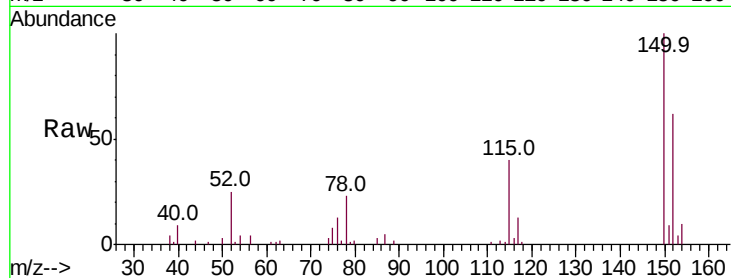




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061051.D
 Acq: 13 Mar 2019 19:21

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.1	28.6	85.9
150	161.4	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

