

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061131.D
 Acq On : 17 Mar 2019 3:06
 Operator : VA/AP
 Sample : K1691-09
 Misc : 5.35g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

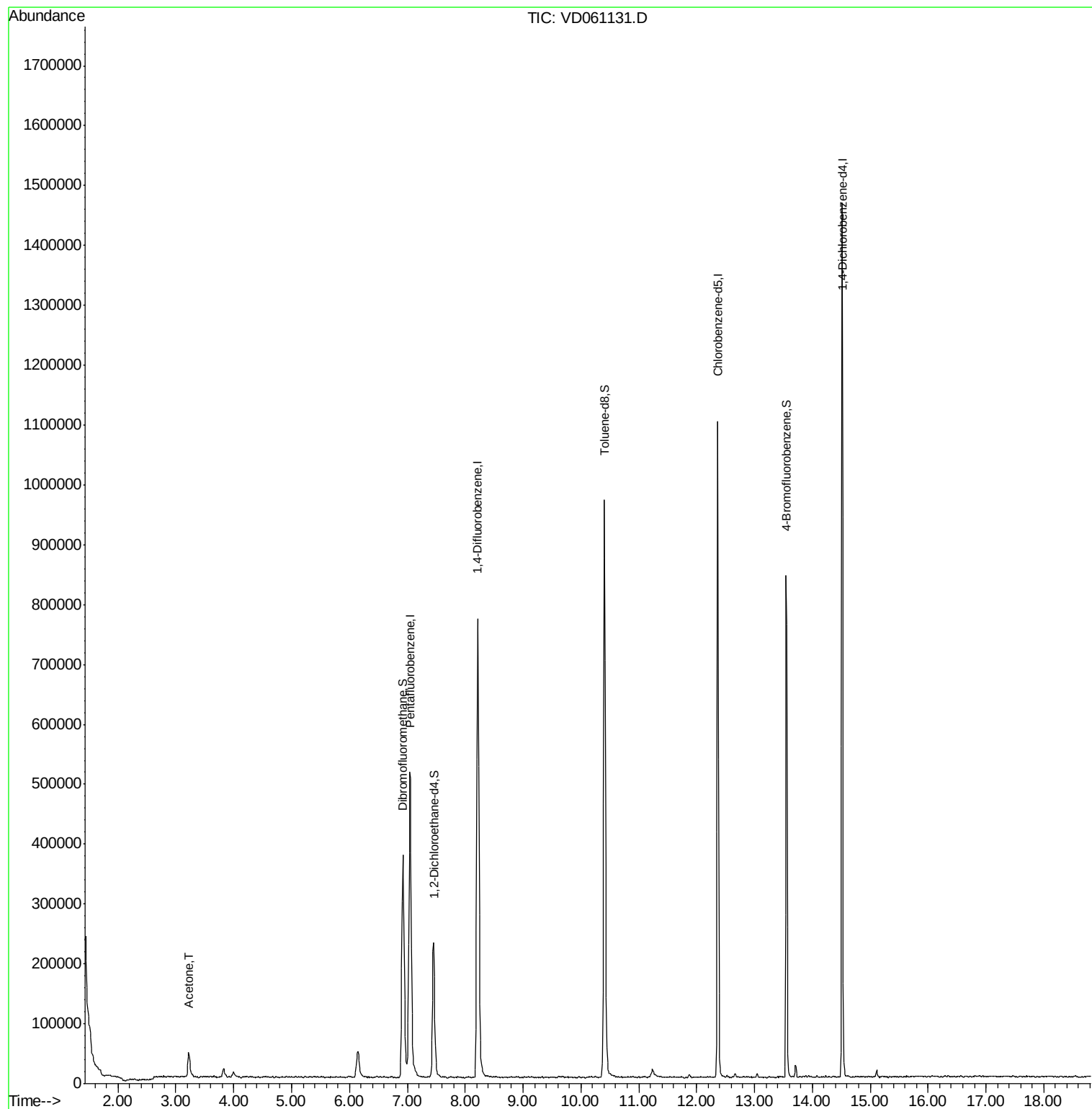
Quant Time: Mar 18 05:33:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

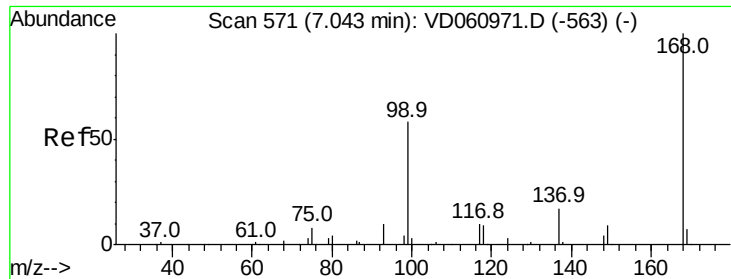
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	543037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	993688	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	742071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	335386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	215641	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
35) Dibromofluoromethane	6.92	113	357213	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.41	98	860777	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	13.55	95	290733	40.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.92%	
Target Compounds						
16) Acetone	3.22	43	81014	62.676	ug/l	Qvalue 97

(#) = 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: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061131.D

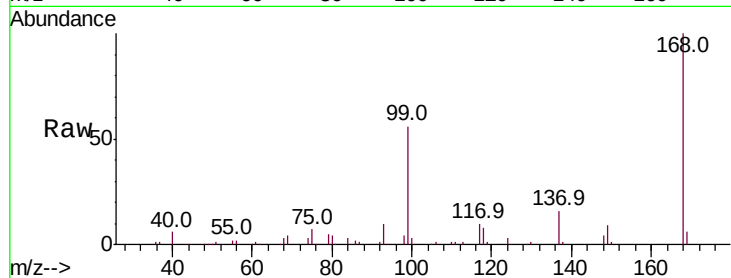
Acq: 17 Mar 2019 3:06

Tot Ion:168 Resp: 543037

Ion Ratio Lower Upper

168 100

99 56.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

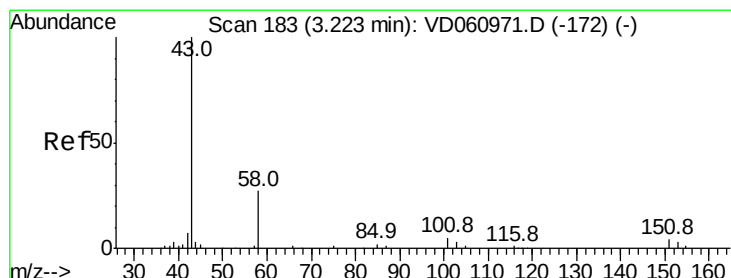
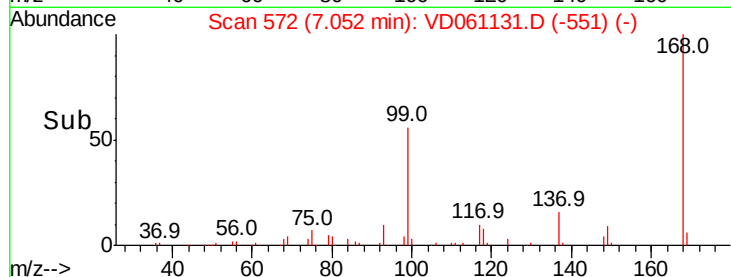
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 62.676 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061131.D

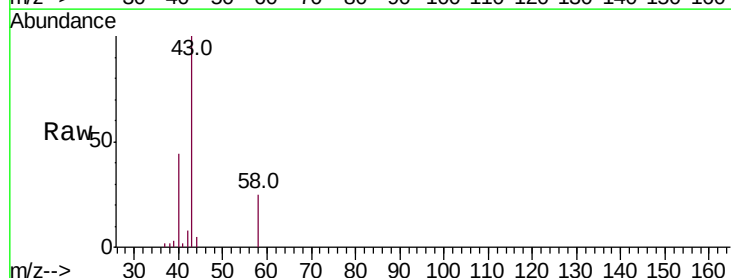
Acq: 17 Mar 2019 3:06

Tgt Ion: 43 Resp: 81014

Ion Ratio Lower Upper

43 100

58 25.3 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

30000

25000

20000

15000

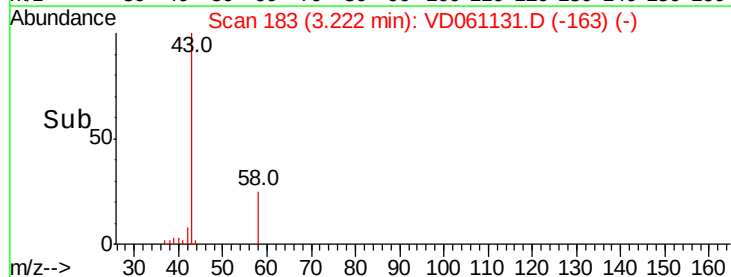
10000

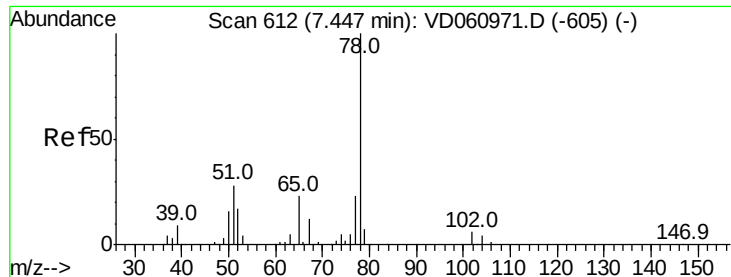
5000

0

Time-->

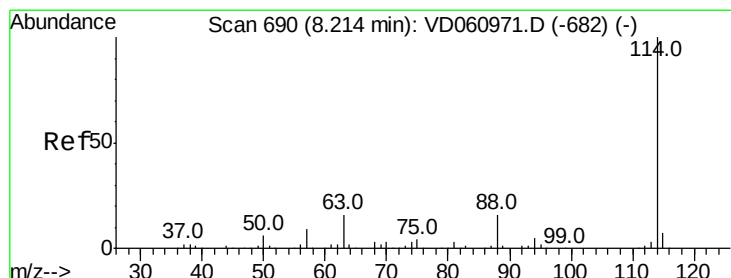
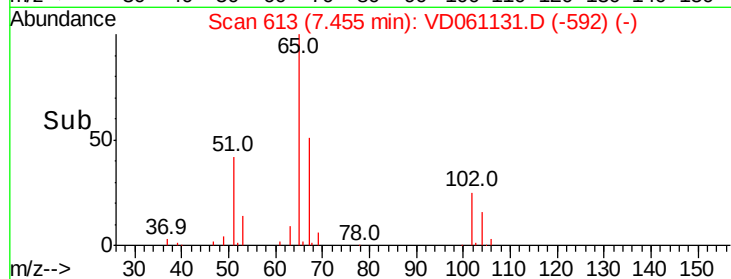
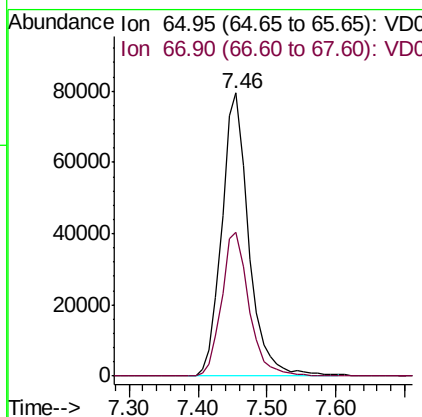
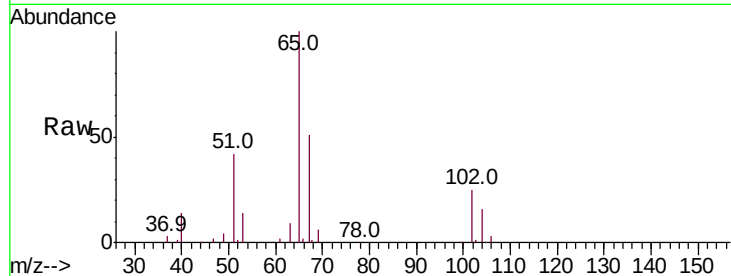
3.10 3.20 3.30 3.40





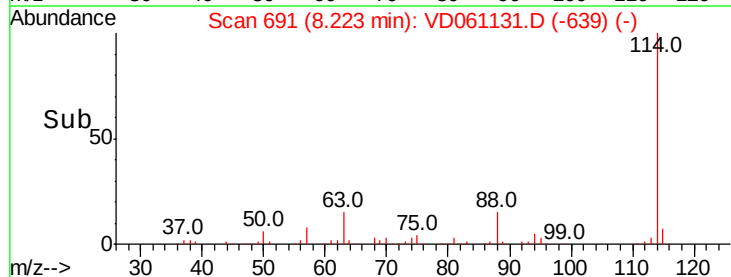
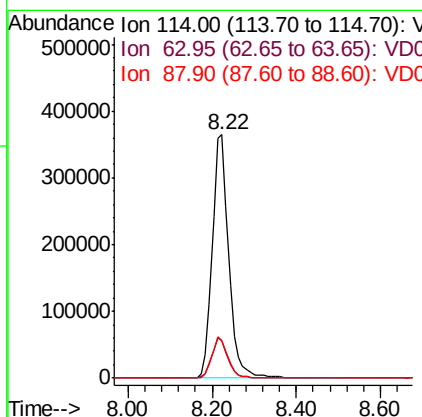
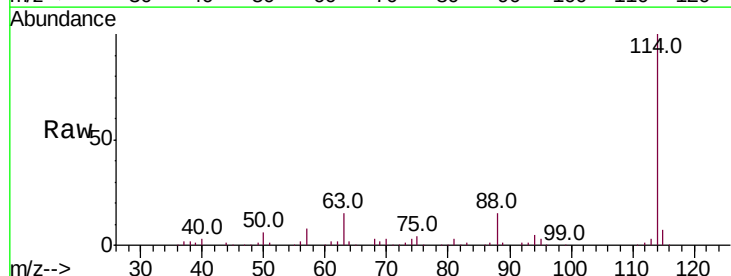
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061131.D
 Acq: 17 Mar 2019 3:06

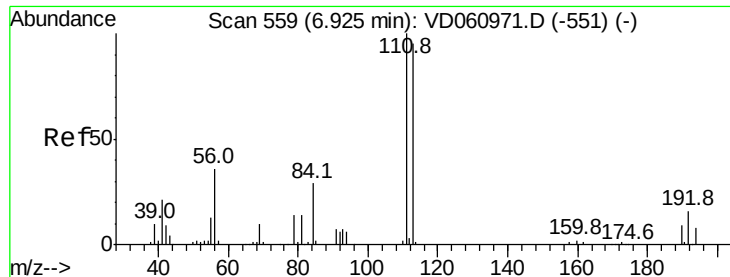
Tot Ion: 65 Resp: 215641
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061131.D
 Acq: 17 Mar 2019 3:06

Tgt Ion: 114 Resp: 993688
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.4
 88 15.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD061131.D

Acq: 17 Mar 2019 3:06

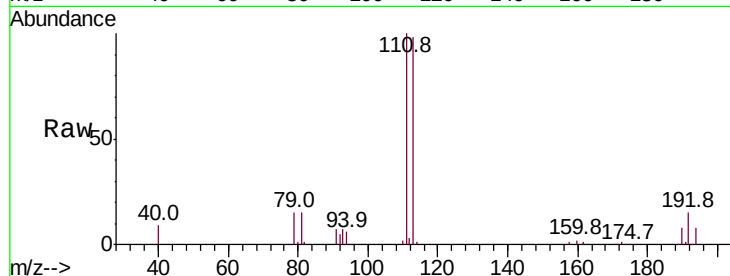
Tot Ion:113 Resp: 357213

Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.2	126.4
192	15.5	13.1	19.7

113 100

111 102.4 84.2 126.4

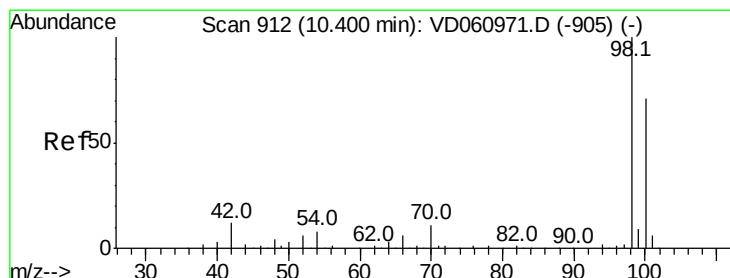
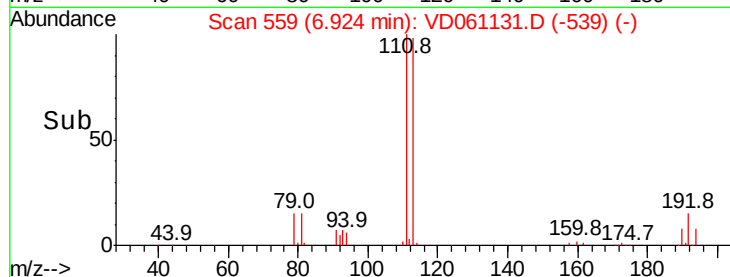
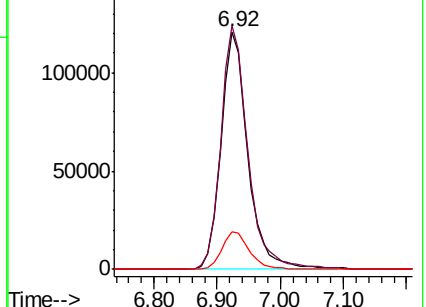
192 15.5 13.1 19.7



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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061131.D

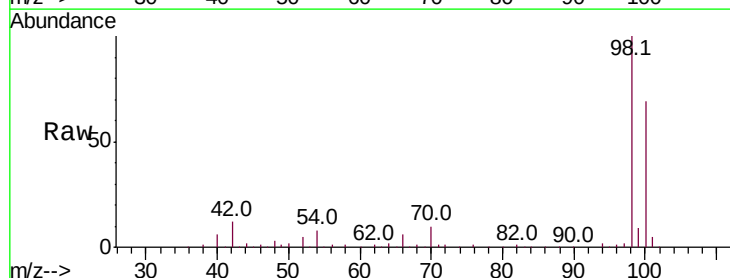
Acq: 17 Mar 2019 3:06

Tgt Ion: 98 Resp: 860777

Ion	Ratio	Lower	Upper
98	100		
100	69.3	57.4	86.2

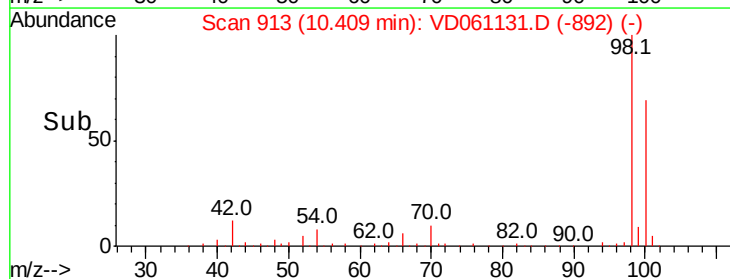
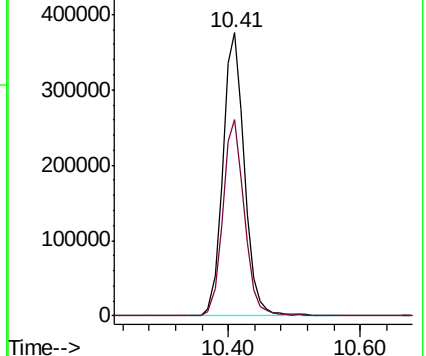
98 100

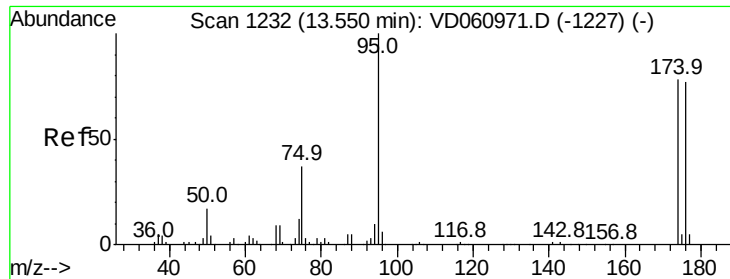
100 69.3 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061131.D

Acq: 17 Mar 2019 3:06

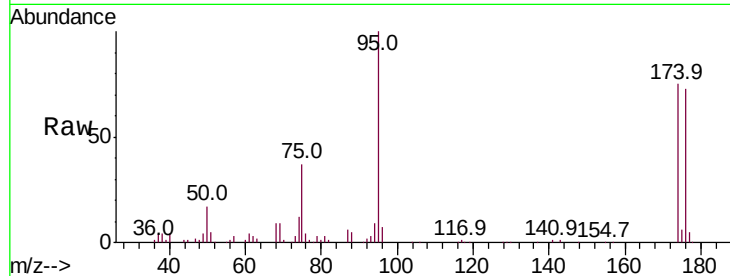
Tot Ion: 95 Resp: 290733

Ion Ratio Lower Upper

95 100

174 75.3 0.0 155.6

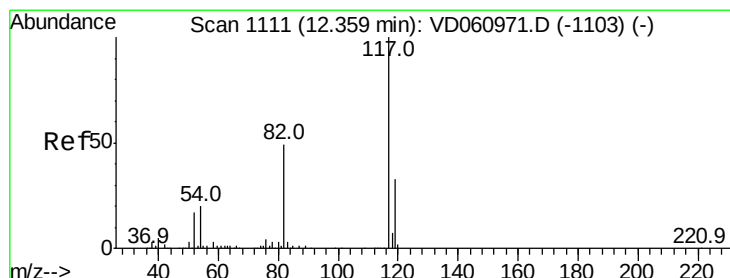
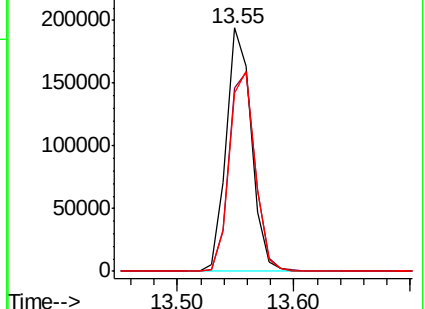
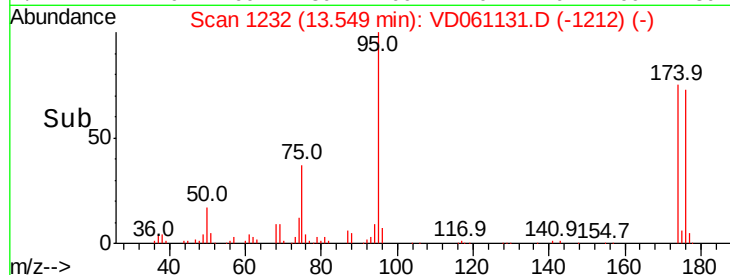
176 73.2 0.0 153.8



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061131.D

Acq: 17 Mar 2019 3:06

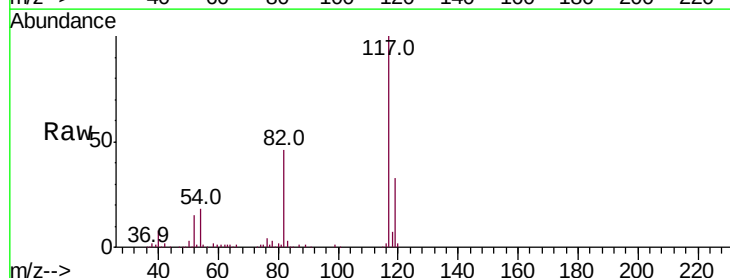
Tgt Ion: 117 Resp: 742071

Ion Ratio Lower Upper

117 100

82 45.6 38.9 58.3

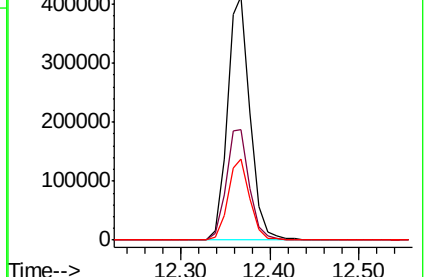
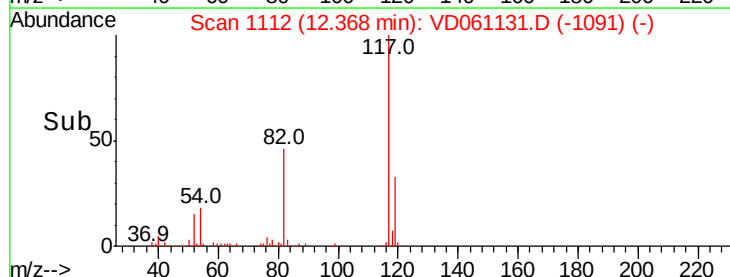
119 33.4 26.6 39.8

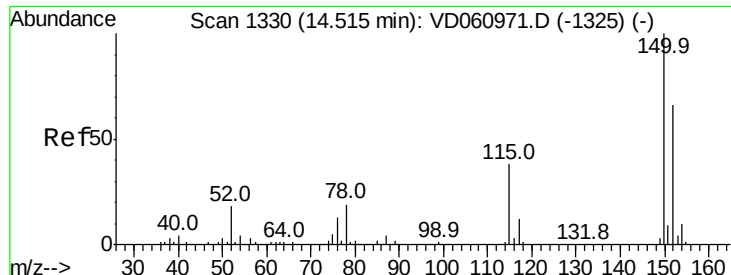


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

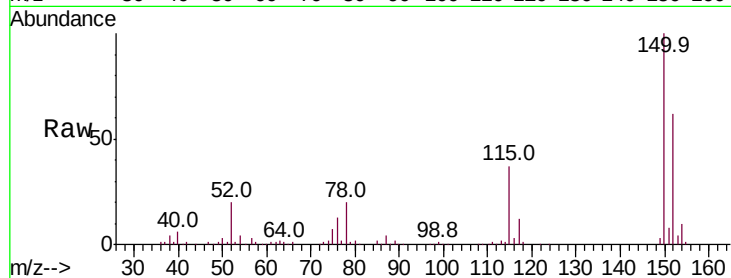
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061131.D
 Acq: 17 Mar 2019 3:06

Tot Ion:152	Resp:	335386	
Ion Ratio	Lower	Upper	
152	100		
115	59.8	28.6	85.9
150	161.6	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

