

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061354.D
 Acq On : 10 Jan 2019 20:06
 Operator : VA/AP
 Sample : K1015-01
 Misc : 7.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

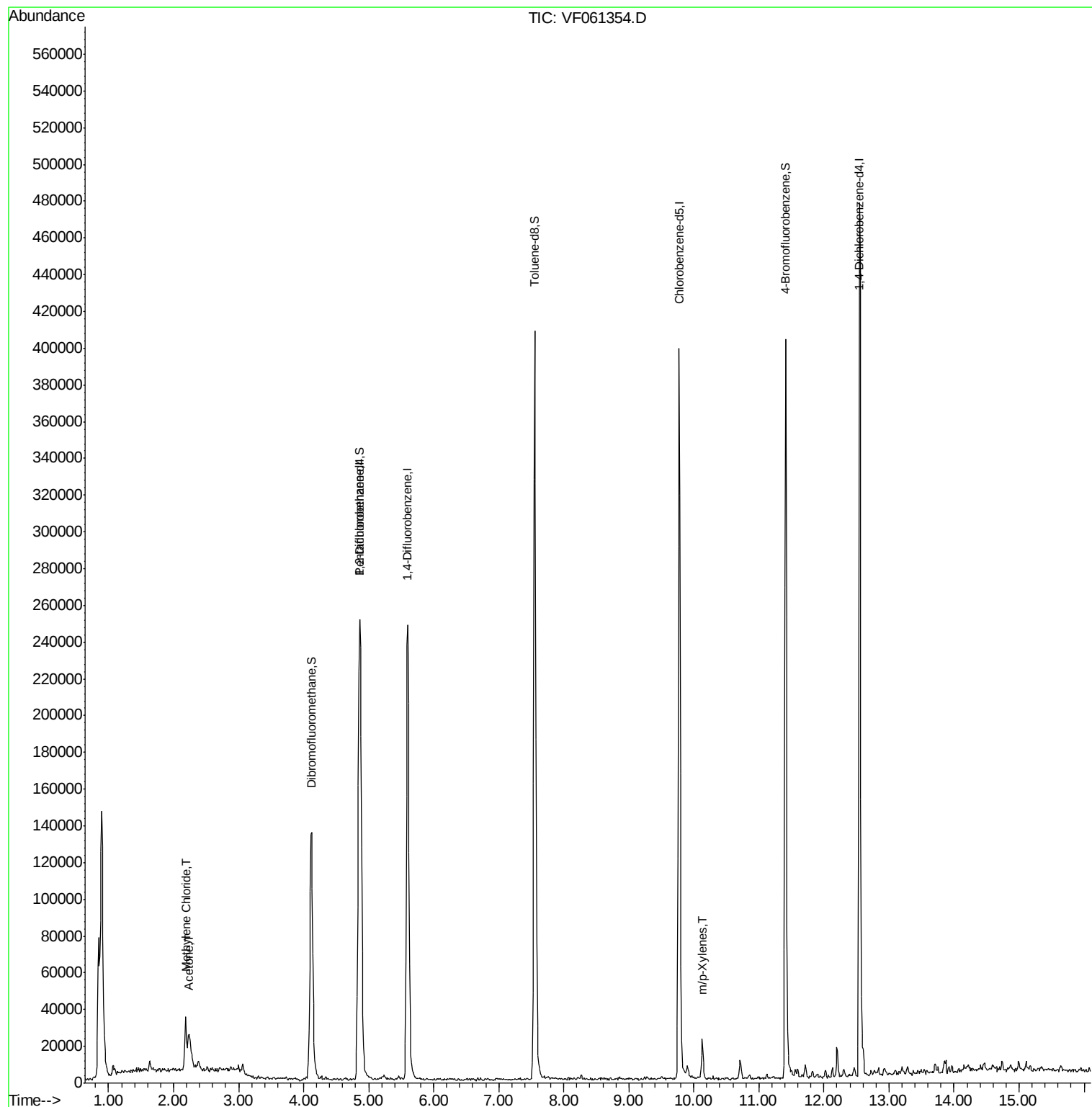
Quant Time: Jan 11 01:15:32 2019
 Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

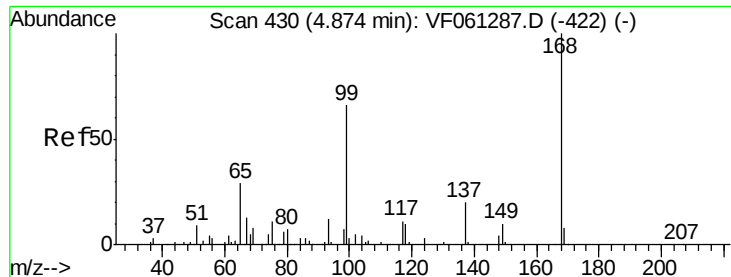
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	167477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	289099	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	276249	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	125389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	126764	68.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.00%	
35) Dibromofluoromethane	4.11	113	132749	60.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.02%	
50) Toluene-d8	7.55	98	334314	51.07	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.41	95	153017	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
Target Compounds						
16) Acetone	2.25	43	5232	12.065	ug/l	98
20) Methylene Chloride	2.18	84	25722m	14.021	ug/l	
68) m/p-Xylenes	10.13	106	6904	1.840	ug/l	100

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

Lab File: VF061354.D

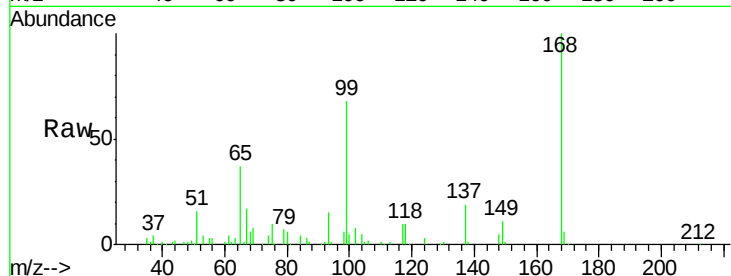
Acq: 10 Jan 2019 20:06

Tot Ion:168 Resp: 167477

Ion Ratio Lower Upper

168 100

99 68.1 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

50000

40000

30000

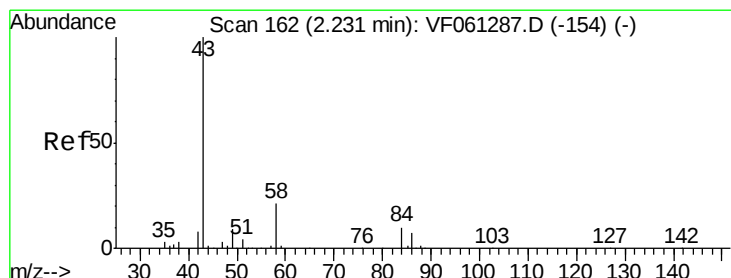
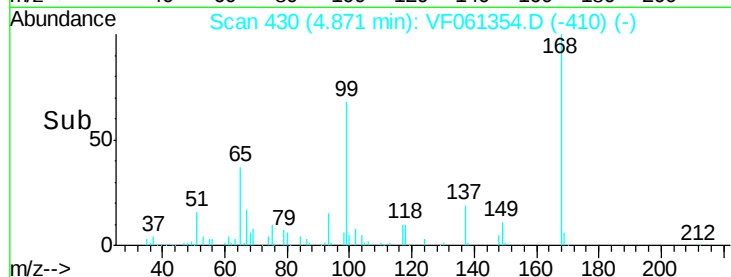
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 12.065 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.02 min

Lab File: VF061354.D

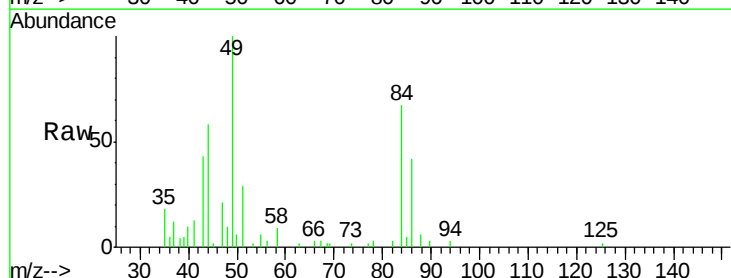
Acq: 10 Jan 2019 20:06

Tgt Ion: 43 Resp: 5232

Ion Ratio Lower Upper

43 100

58 21.8 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

2500

2000

1500

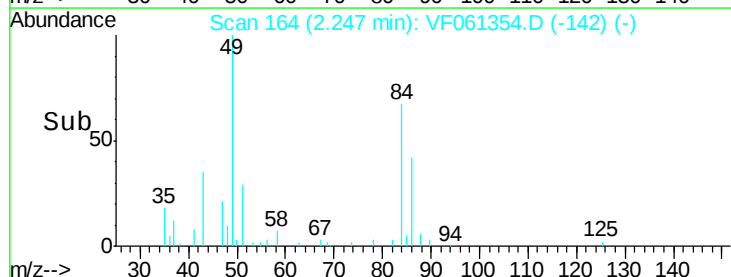
1000

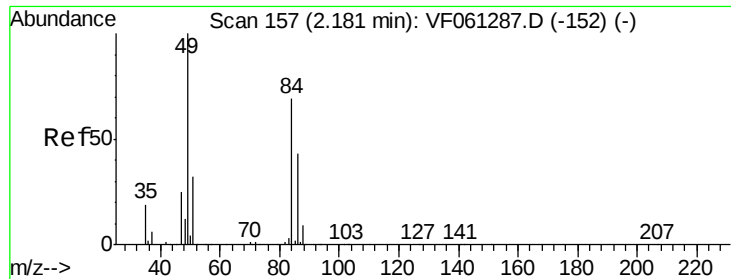
500

0

Time-->

2.15 2.20 2.25 2.30

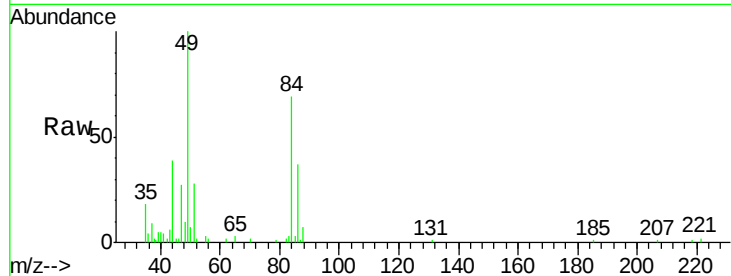




#20
Methvlene Chloride
Concen: 14.021 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.00 min
Lab File: VF061354.D
Acq: 10 Jan 2019 20:06

Tot Ion: 84 Resp: 25722

Ion	Ratio	Lower	Upper
84	100		
49	145.2	116.6	175.0
51	40.4	37.7	56.5
86	54.0	49.8	74.8

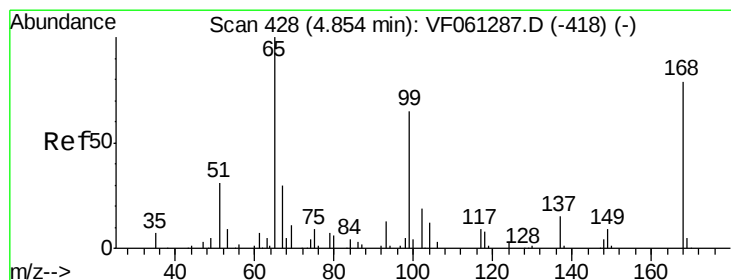
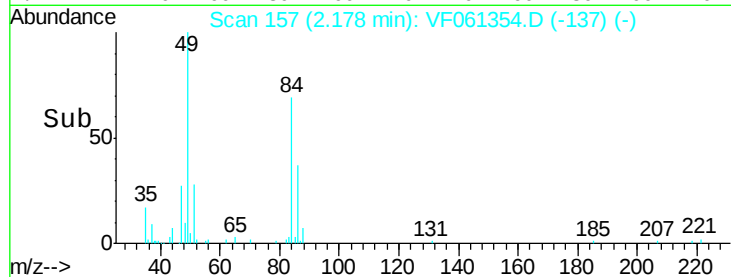
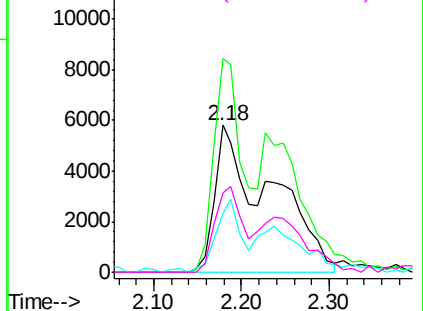


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

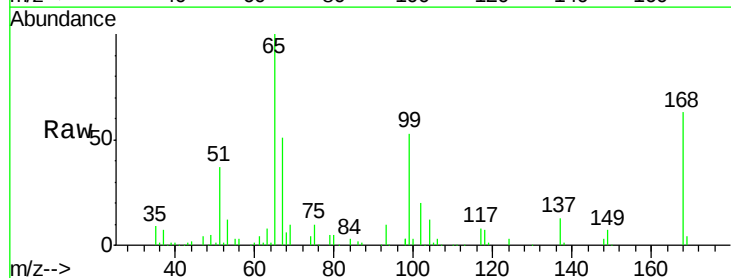
Ion 86.00 (85.70 to 86.70): VF0



#33
1,2-Dichloroethane-d4
Concen: 68.002 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.00 min
Lab File: VF061354.D
Acq: 10 Jan 2019 20:06

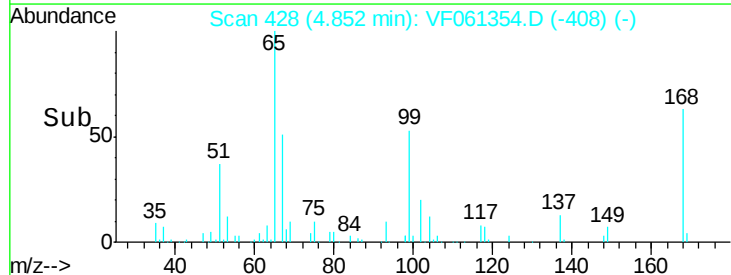
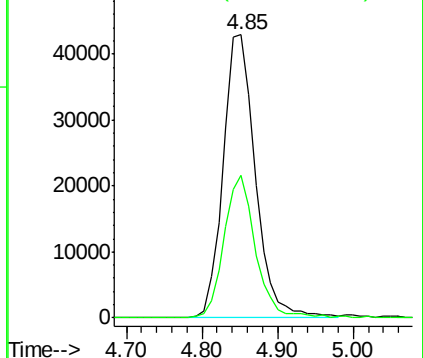
Tgt Ion: 65 Resp: 126764

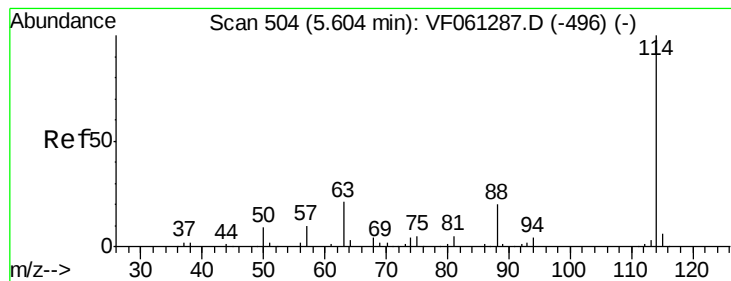
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.00 min

Lab File: VF061354.D

Acq: 10 Jan 2019 20:06

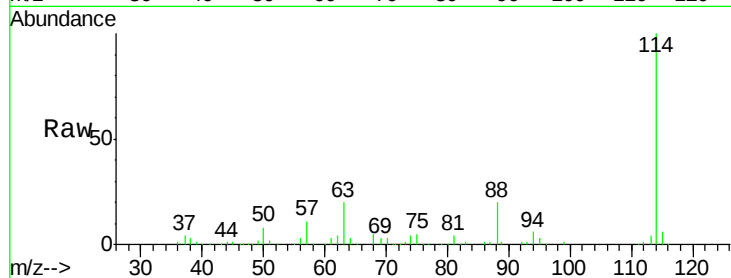
Tot Ion:114 Resp: 289099

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

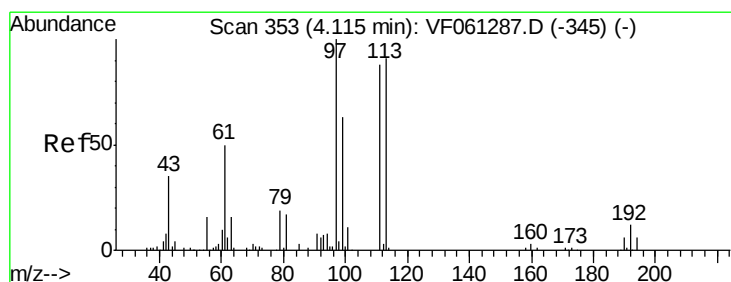
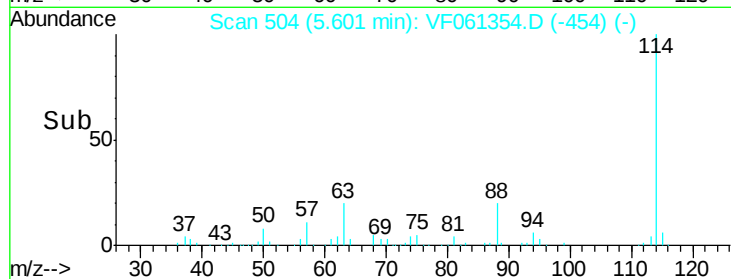
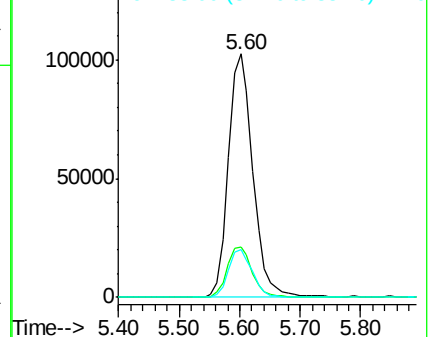
88 19.6 0.0 40.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 60.011 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF061354.D

Acq: 10 Jan 2019 20:06

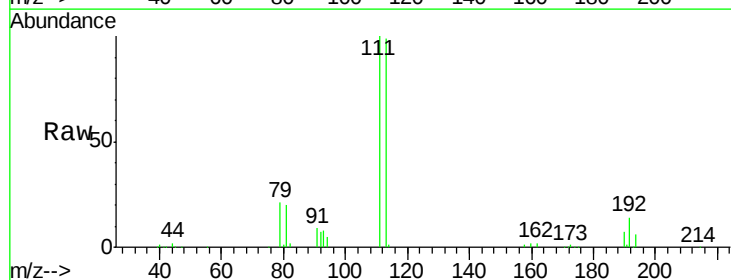
Tgt Ion:113 Resp: 132749

Ion Ratio Lower Upper

113 100

111 101.1 78.0 117.0

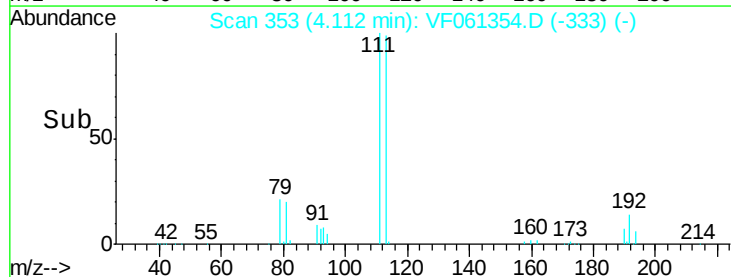
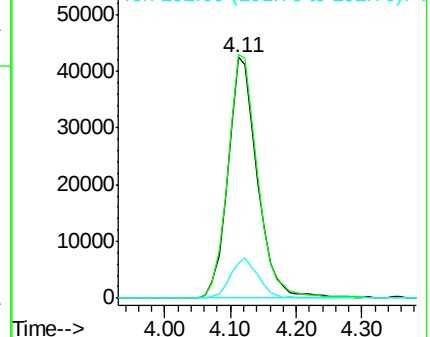
192 14.5 10.6 16.0

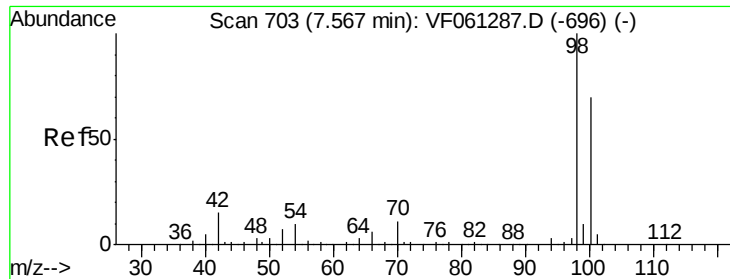


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 51.071 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061354.D

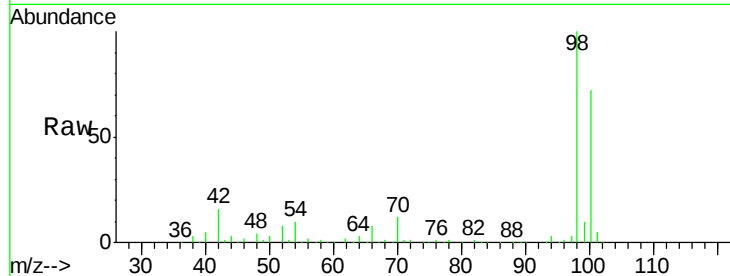
Acq: 10 Jan 2019 20:06

Tot Ion: 98 Resp: 334314

Ion Ratio Lower Upper

98 100

100 71.5 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

150000

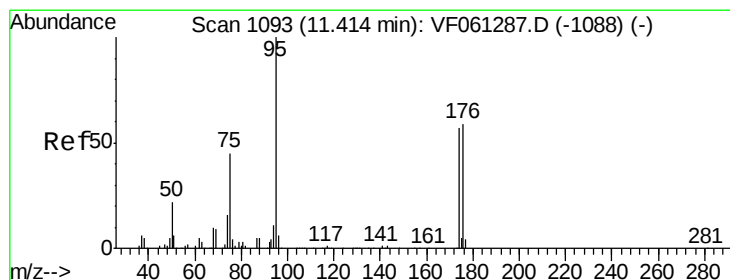
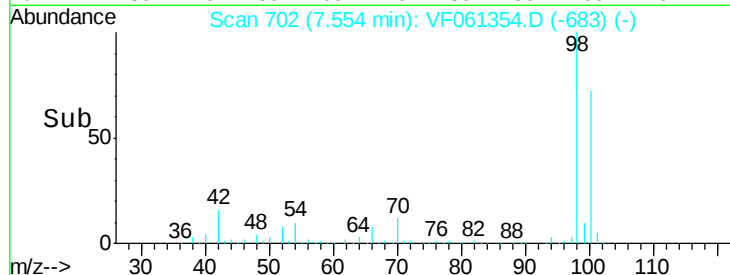
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 53.532 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF061354.D

Acq: 10 Jan 2019 20:06

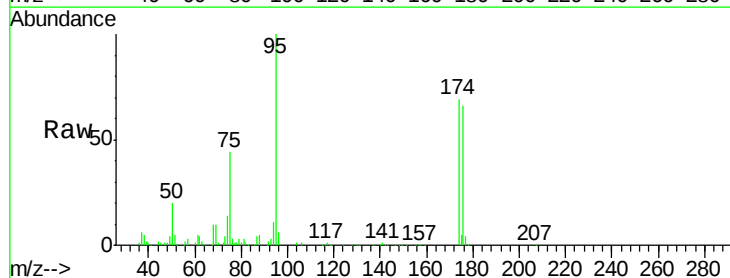
Tgt Ion: 95 Resp: 153017

Ion Ratio Lower Upper

95 100

174 68.7 0.0 114.2

176 65.7 0.0 117.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

120000

100000

80000

60000

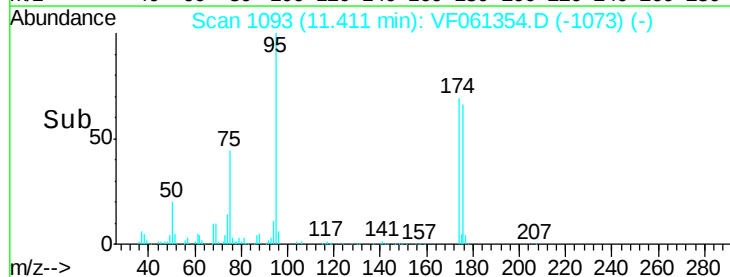
40000

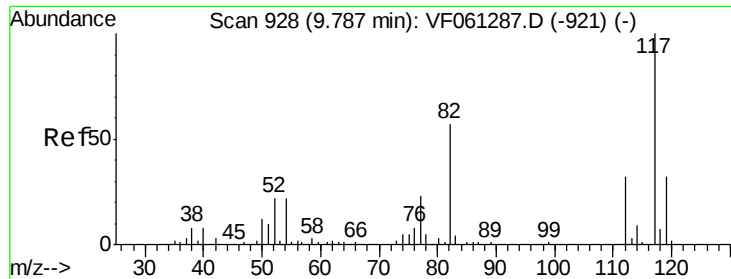
20000

0

11.30 11.40 11.50 11.60

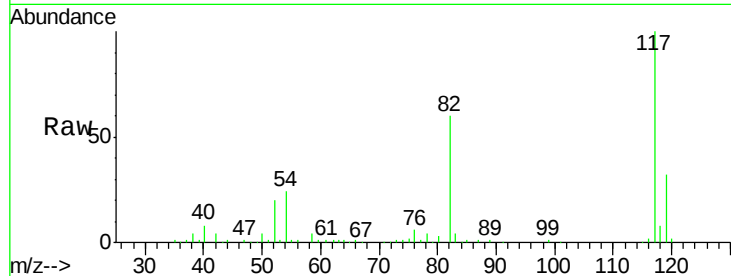
Time-->



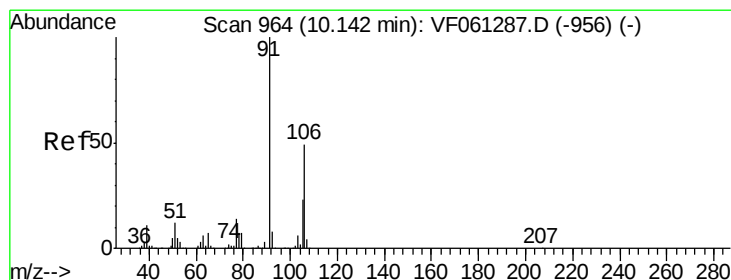
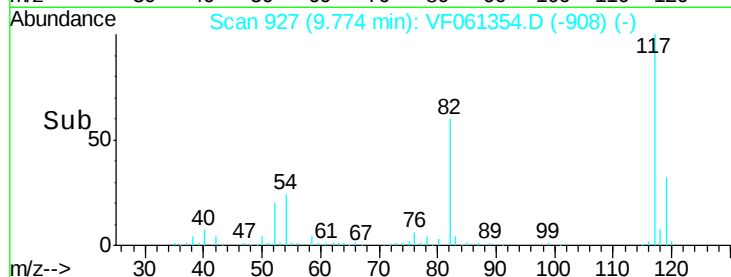
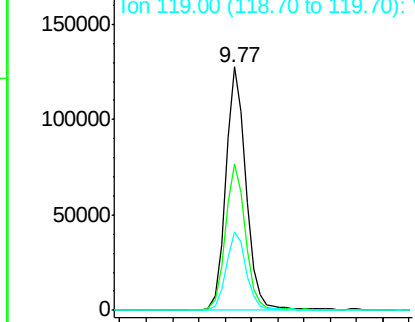


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061354.D
Acq: 10 Jan 2019 20:06

Tot Ion:117 Resp: 276249
Ion Ratio Lower Upper
117 100
82 60.1 45.3 67.9
119 32.4 25.4 38.0

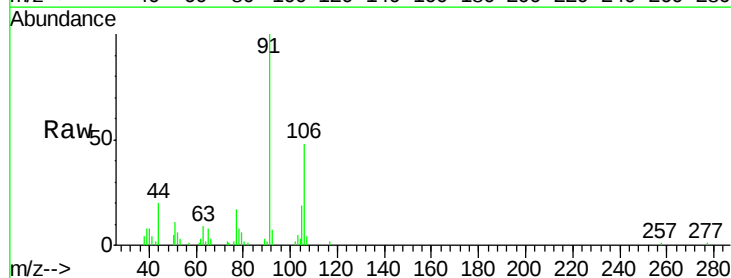


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

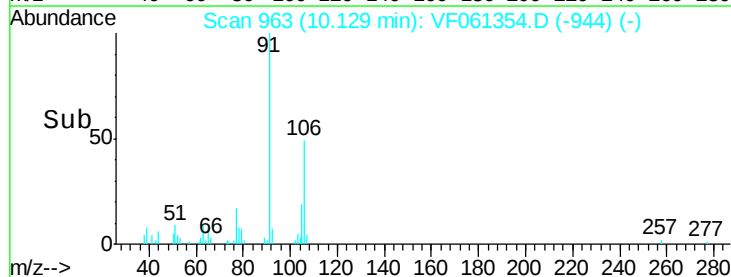
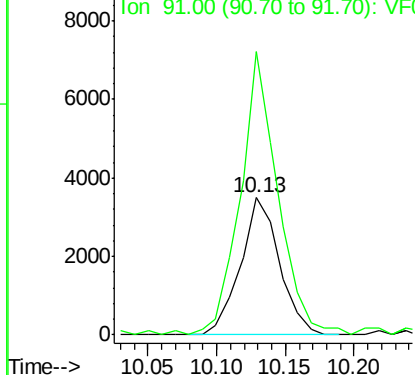


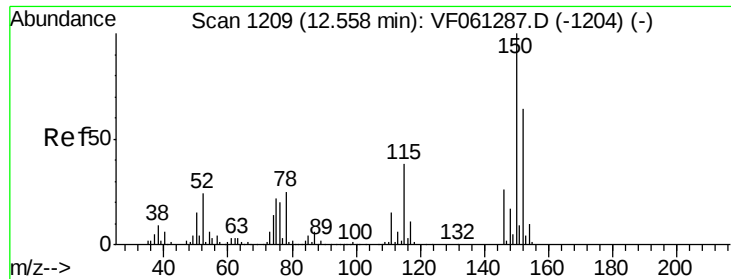
#68
m/p-Xylenes
Concen: 1.840 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.01 min
Lab File: VF061354.D
Acq: 10 Jan 2019 20:06

Tgt Ion:106 Resp: 6904
Ion Ratio Lower Upper
106 100
91 206.7 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

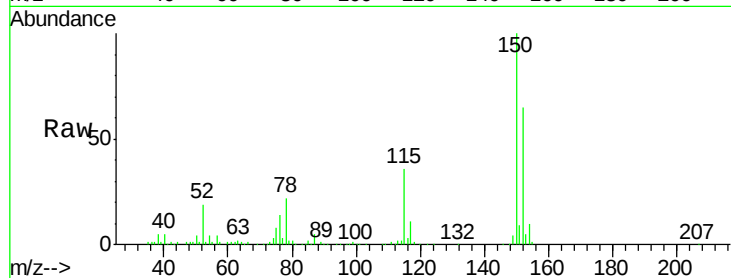




#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061354.D
Acq: 10 Jan 2019 20:06

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	29.6	88.9
150	154.7	0.0	315.4



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

