

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062355.D
 Acq On : 7 May 2019 14:09
 Operator : FY/SY
 Sample : K2642-01
 Misc : 5.27g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-02-050219

Quant Time: May 07 15:46:15 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

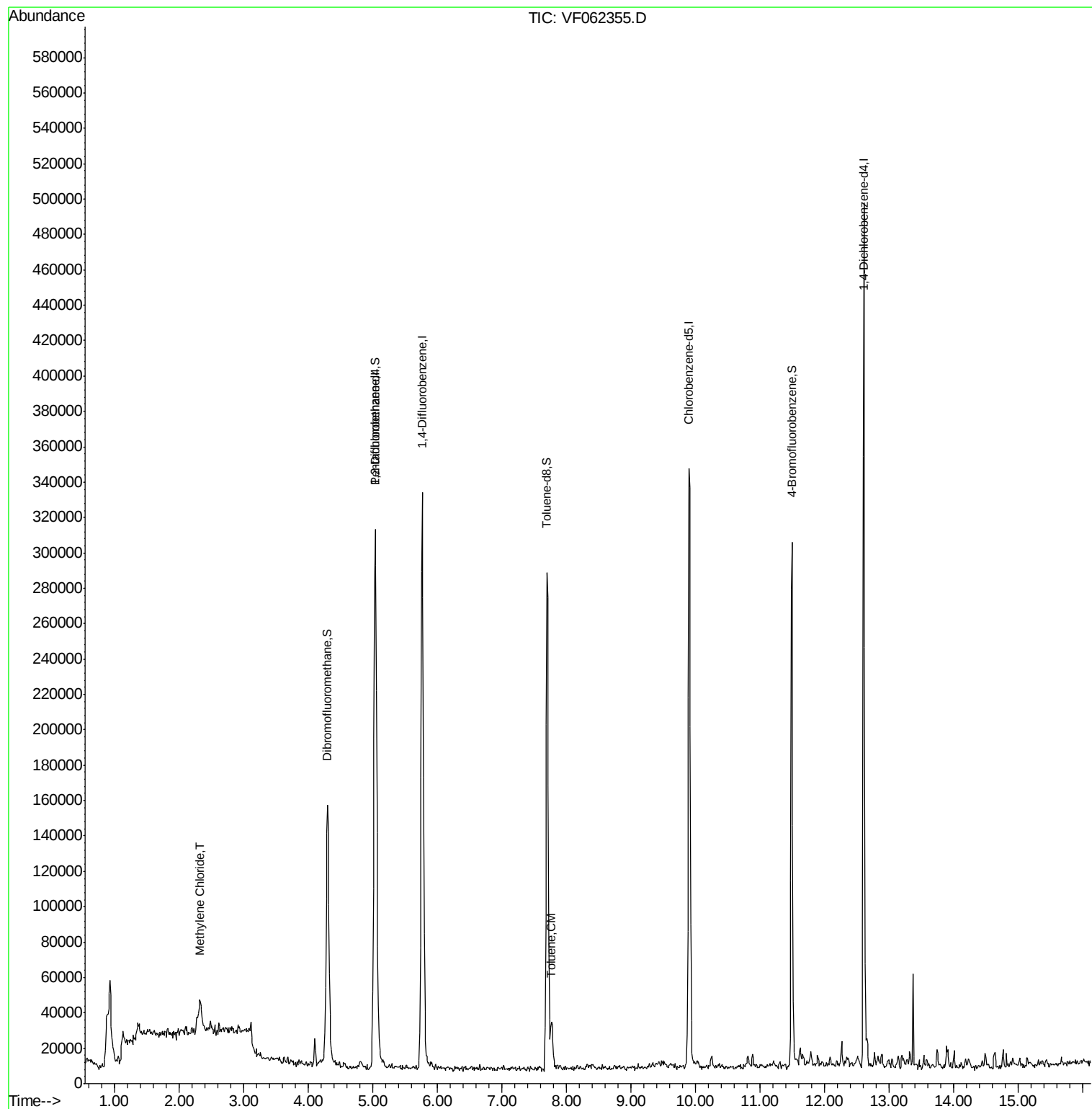
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	249238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	355950	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	250741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	127221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	119797	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	4.30	113	133710	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	7.70	98	244729	35.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.30%	
62) 4-Bromofluorobenzene	11.49	95	99362	32.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.16%	
Target Compounds						
20) Methylene Chloride	2.33	84	13770	7.988	ug/l #	82
52) Toluene	7.78	92	13378	3.221	ug/l	94

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

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062355.D

Acq: 7 May 2019 14:09

Instrument :

MSVOA_F

ClientSampleId :

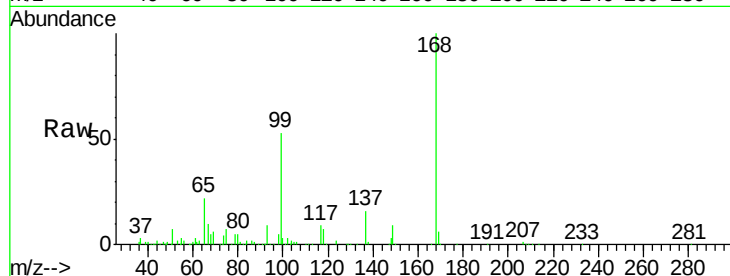
OK-02-050219

Tot Ion:168 Resp: 249238

Ion Ratio Lower Upper

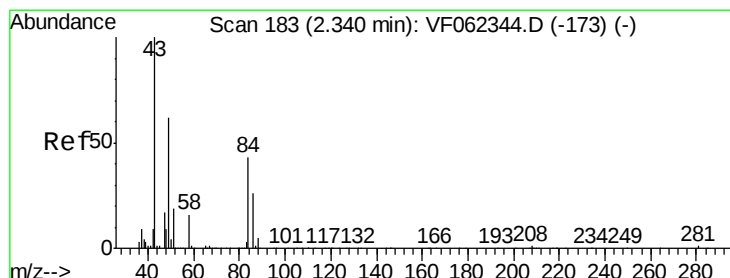
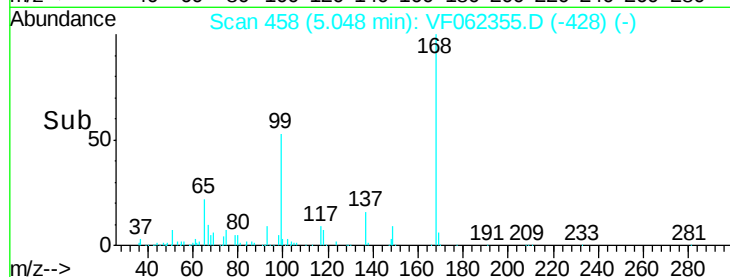
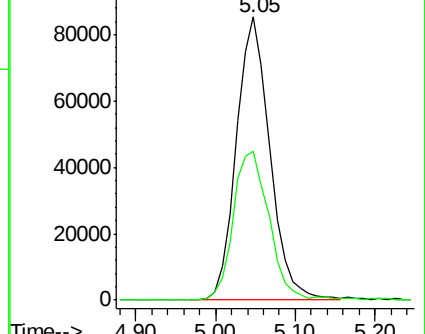
168 100

99 52.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#20

Methylene Chloride

Concen: 7.988 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF062355.D

Acq: 7 May 2019 14:09

Tgt Ion: 84 Resp: 13770

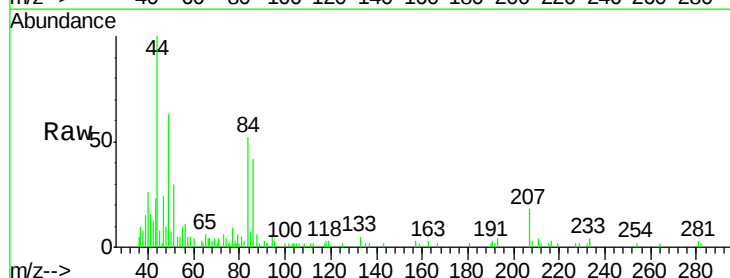
Ion Ratio Lower Upper

84 100

49 118.1 117.5 176.3

51 48.8 37.0 55.4

86 75.5 49.3 73.9#

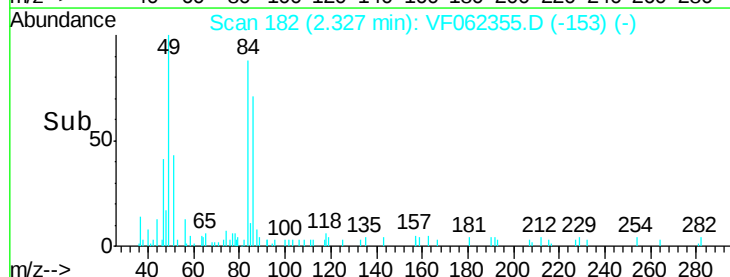
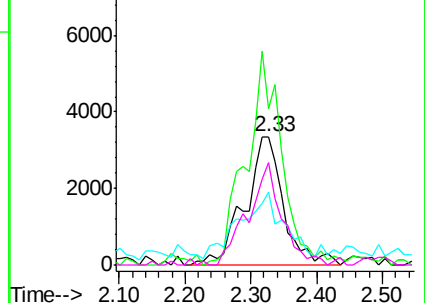


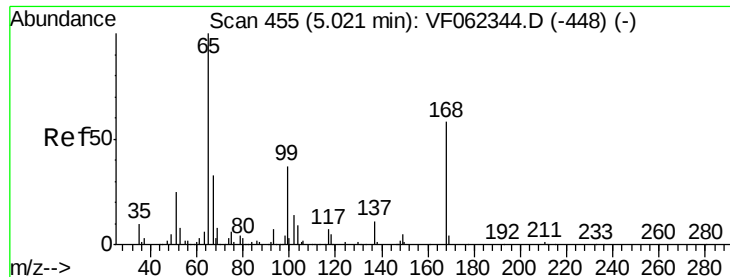
Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0





#33

1,2-Dichloroethane-d4

Concen: 50.860 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF062355.D

Acq: 7 May 2019 14:09

Instrument :

MSVOA_F

ClientSampleId :

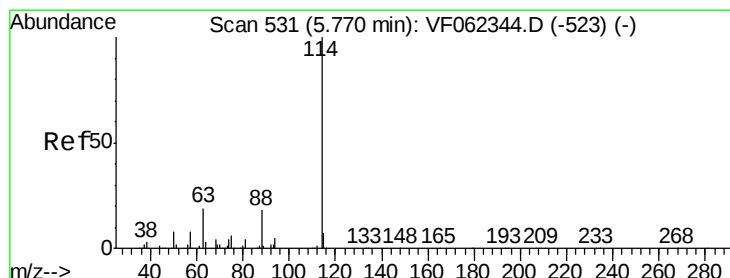
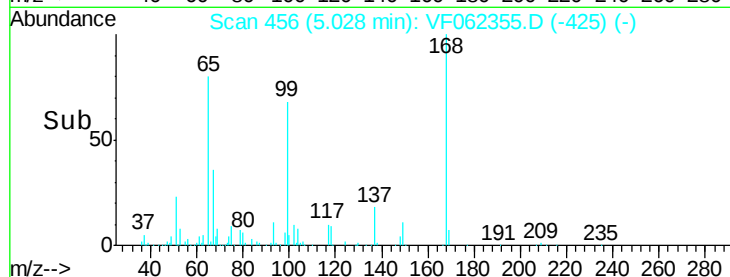
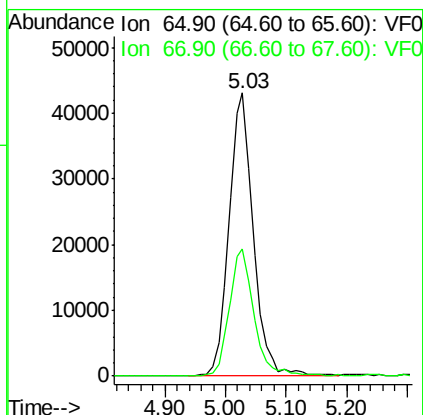
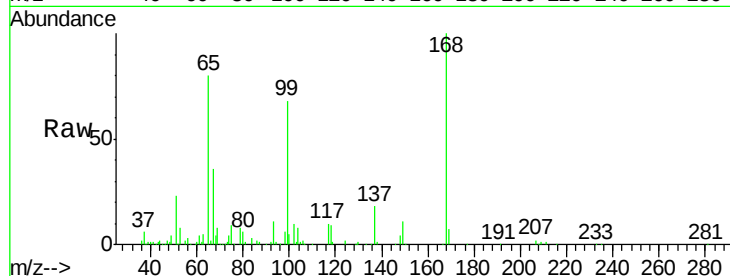
OK-02-050219

Tot Ion: 65 Resp: 119797

Ion Ratio Lower Upper

65 100

67 45.4 0.0 85.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.00 min

Lab File: VF062355.D

Acq: 7 May 2019 14:09

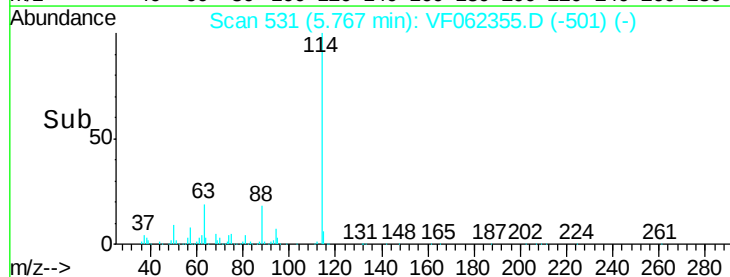
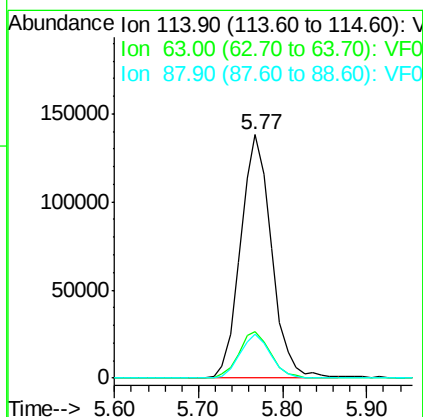
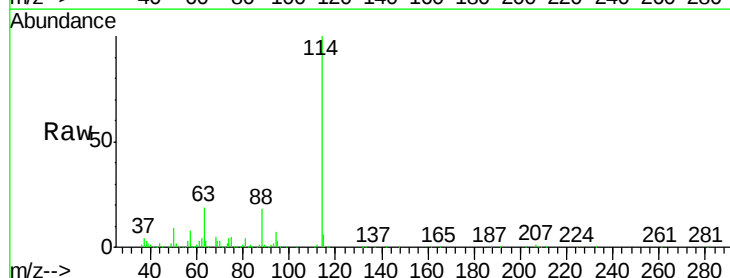
Tgt Ion: 114 Resp: 355950

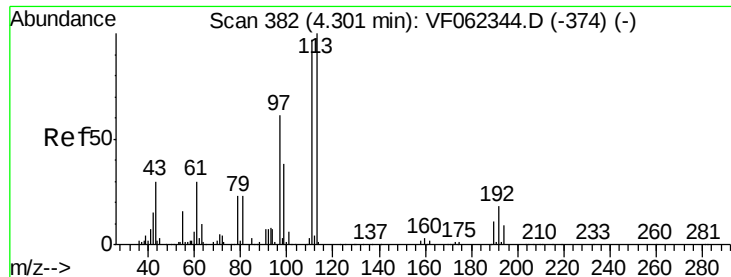
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 18.2 0.0 36.4

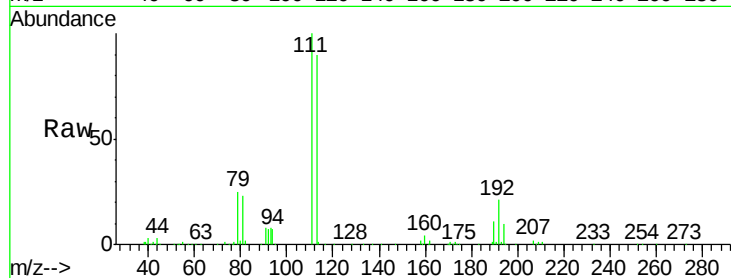




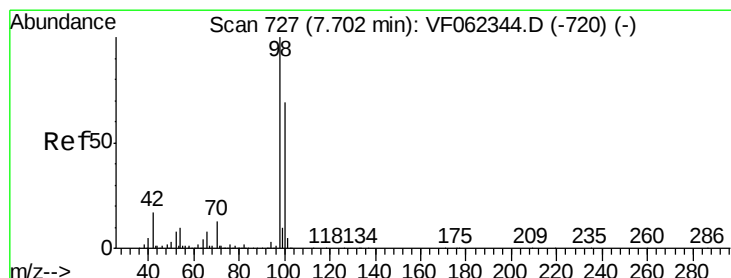
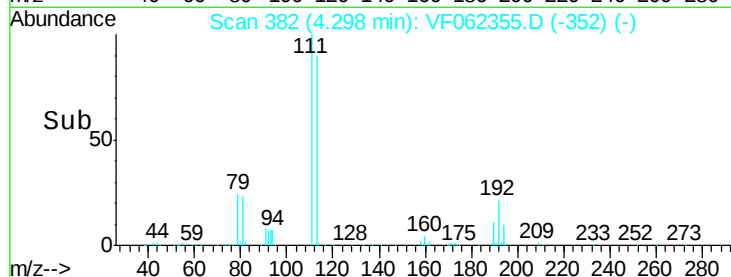
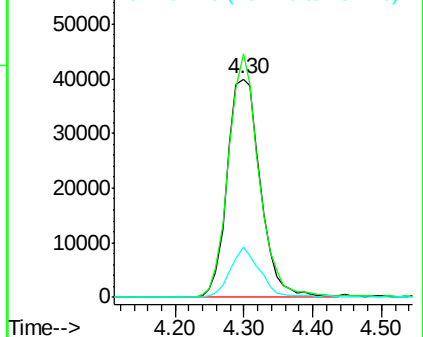
#35
Dibromofluoromethane
Concen: 47.151 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF062355.D
Acq: 7 May 2019 14:09

Instrument :
MSVOA_F
ClientSampleId :
OK-02-050219

Tot Ion:113 Resp: 133710
Ion Ratio Lower Upper
113 100
111 103.0 79.4 119.0
192 20.4 16.0 24.0

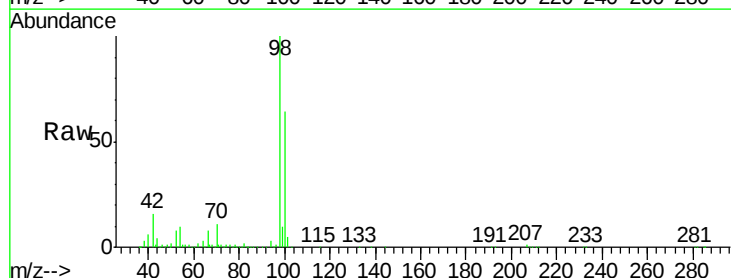


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

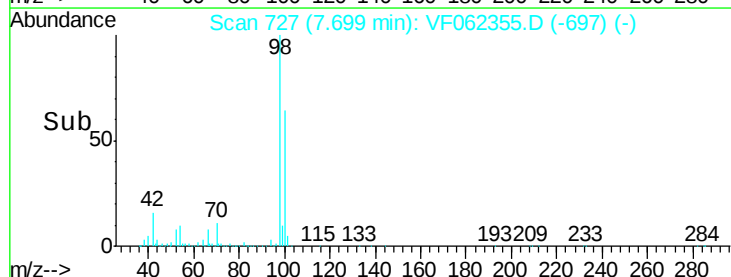
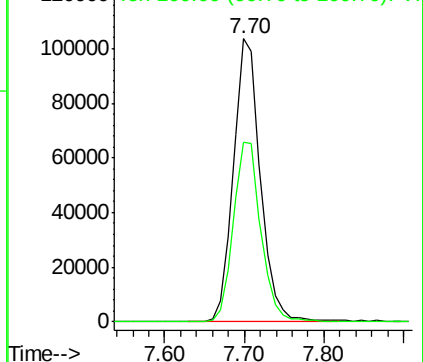


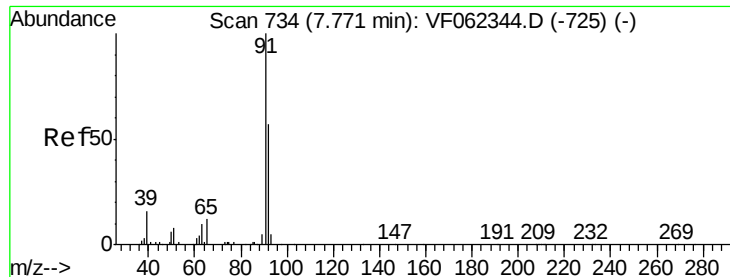
#50
Toluene-d8
Concen: 35.652 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF062355.D
Acq: 7 May 2019 14:09

Tgt Ion: 98 Resp: 244729
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: 3.221 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.01 min

Lab File: VF062355.D

Acq: 7 May 2019 14:09

Instrument :

MSVOA_F

ClientSampleId :

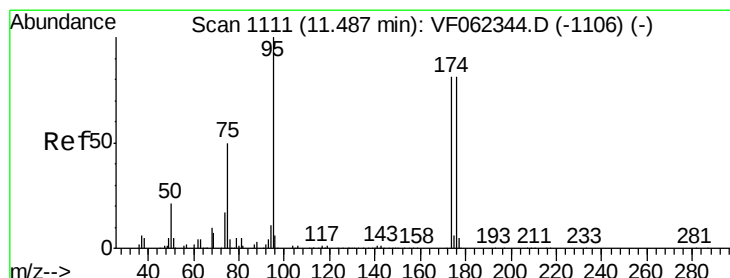
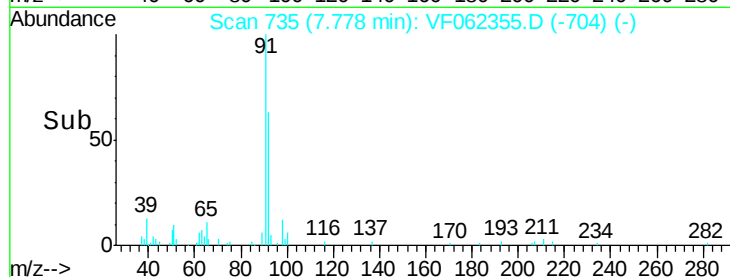
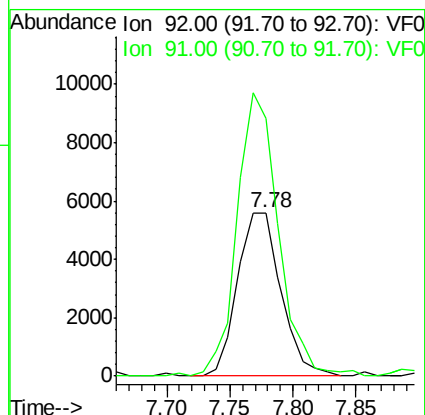
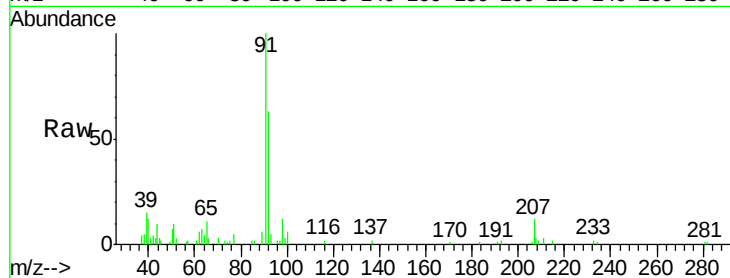
OK-02-050219

Tot Ion: 92 Resp: 13378

Ion Ratio Lower Upper

92 100

91 165.2 138.7 208.1



#62

4-Bromofluorobenzene

Concen: 32.083 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062355.D

Acq: 7 May 2019 14:09

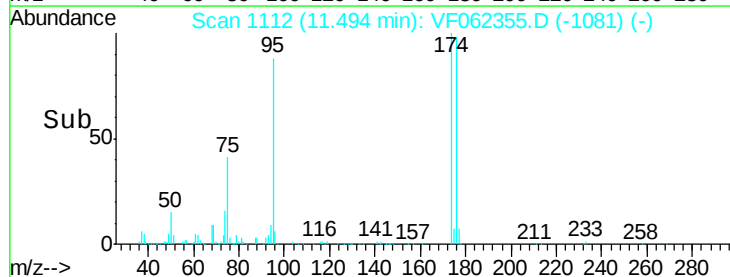
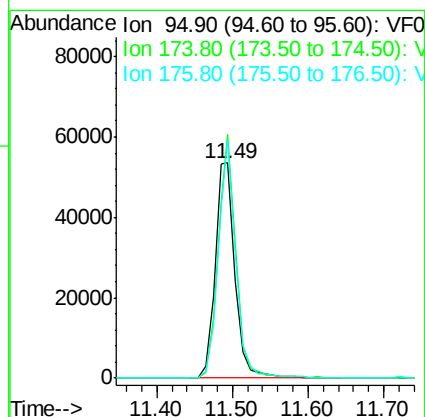
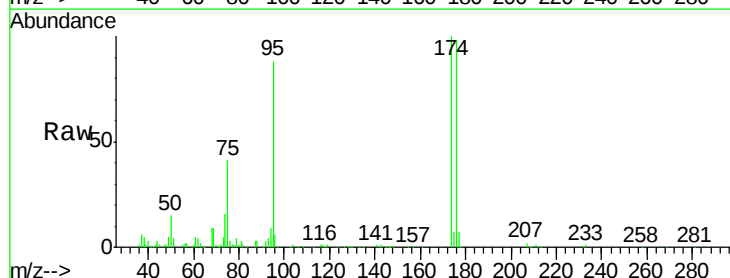
Tgt Ion: 95 Resp: 99362

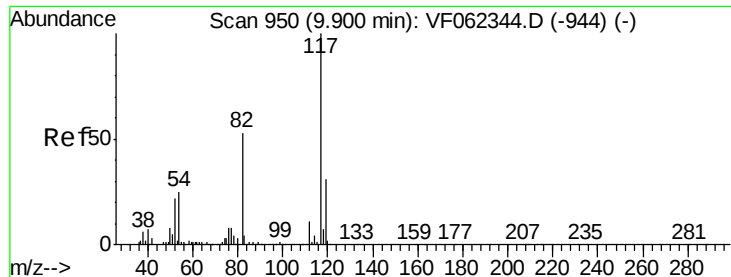
Ion Ratio Lower Upper

95 100

174 101.3 0.0 191.8

176 97.4 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.00 min

Lab File: VF062355.D

Acq: 7 May 2019 14:09

Instrument :

MSVOA_F

ClientSampleId :

OK-02-050219

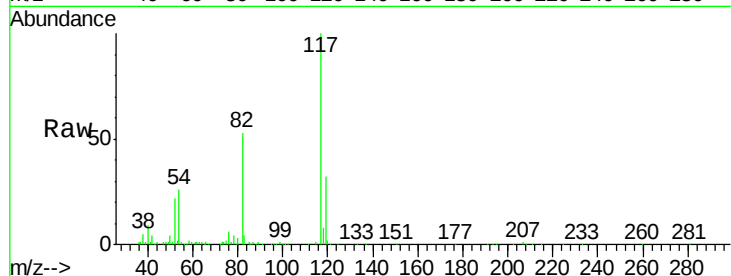
Tot Ion:117 Resp: 250741

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.2

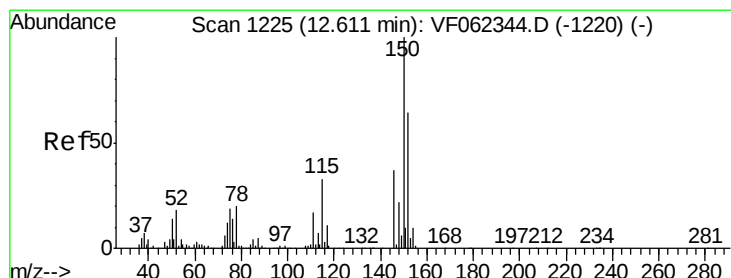
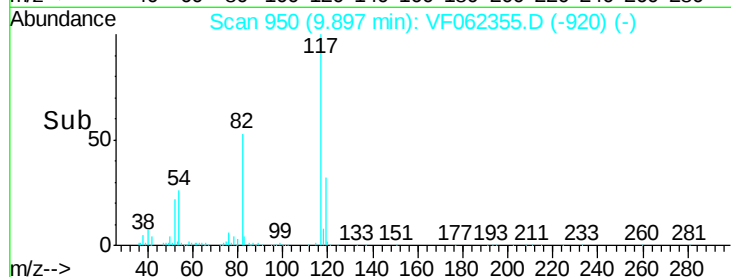
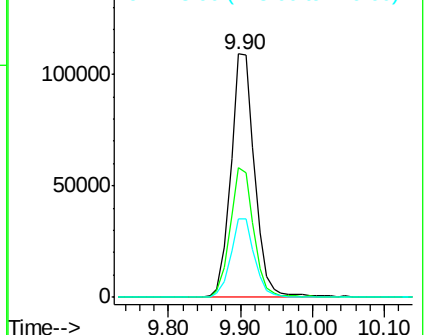
119 31.9 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VF062355.D

Acq: 7 May 2019 14:09

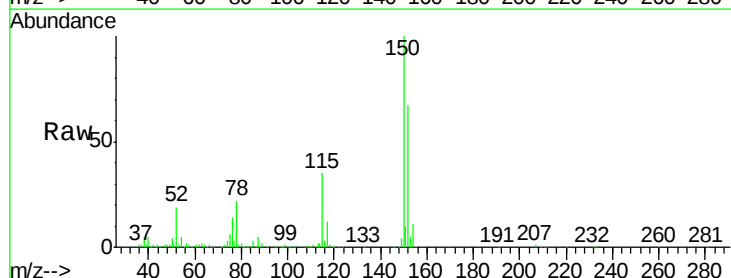
Tgt Ion:152 Resp: 127221

Ion Ratio Lower Upper

152 100

115 55.7 26.4 79.2

150 151.6 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

