

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062361.D
 Acq On : 7 May 2019 16:57
 Operator : FY/SY
 Sample : K2647-01
 Misc : 6.91g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-050219-A

Quant Time: May 07 17:40:52 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

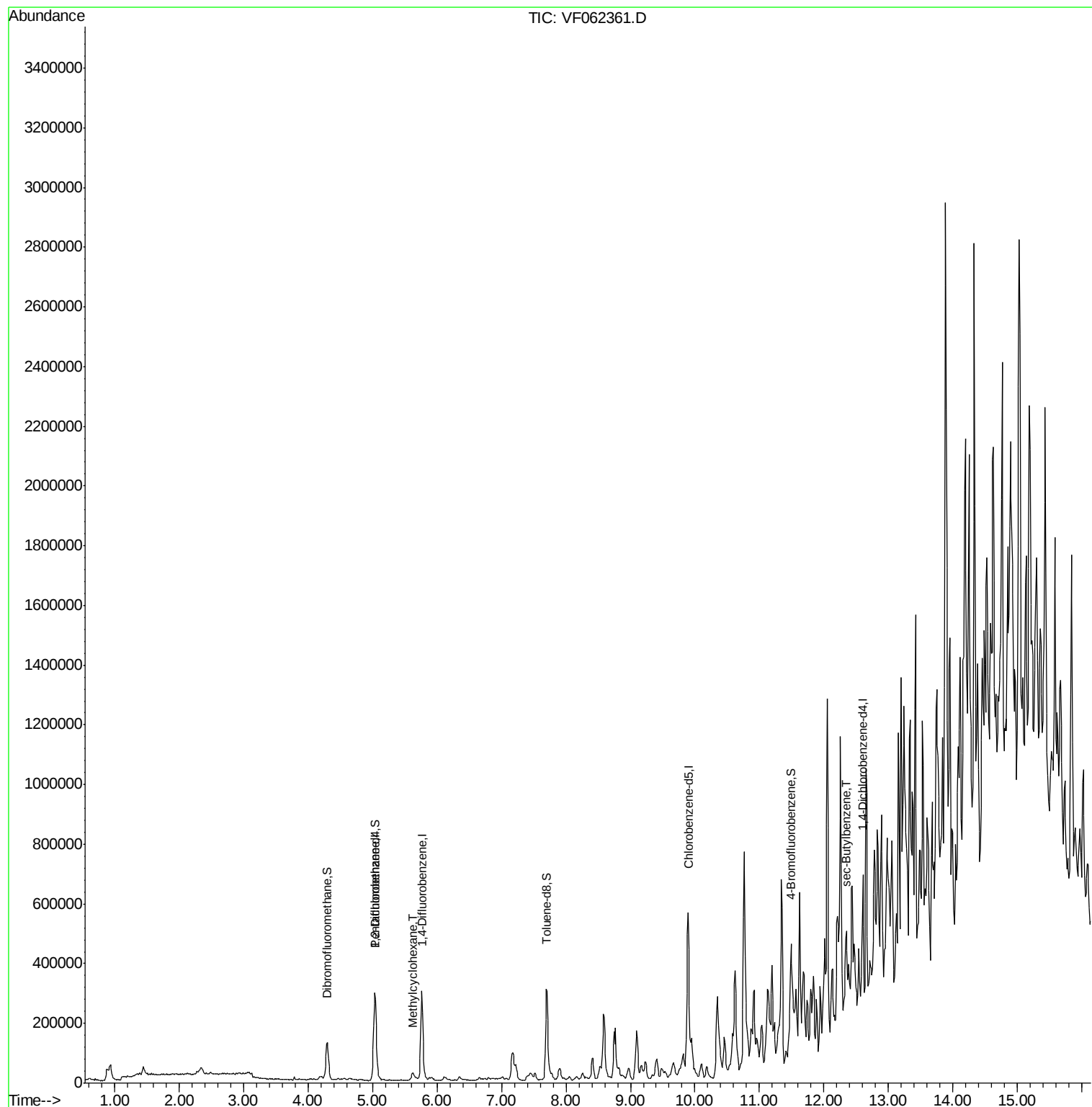
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	247256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	326631	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	225640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	134751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	97894	41.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.78%	
35) Dibromofluoromethane	4.30	113	116292	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
50) Toluene-d8	7.70	98	219085	34.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.56%	
62) 4-Bromofluorobenzene	11.49	95	112880	39.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.44%	
Target Compounds						
39) Methylcyclohexane	5.64	83	15617	5.550	ug/l	93
85) sec-Butylbenzene	12.36	105	94689	10.572	ug/l #	72

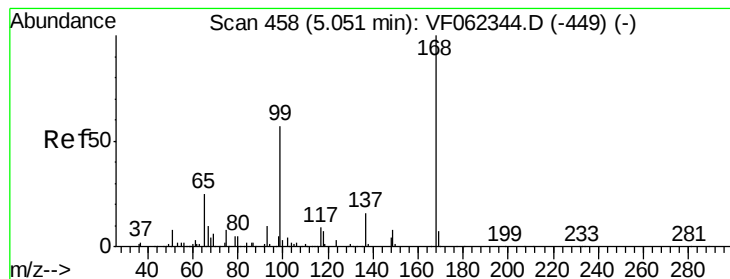
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062361.D

Acq: 7 May 2019 16:57

Instrument :

MSVOA_F

ClientSampleId :

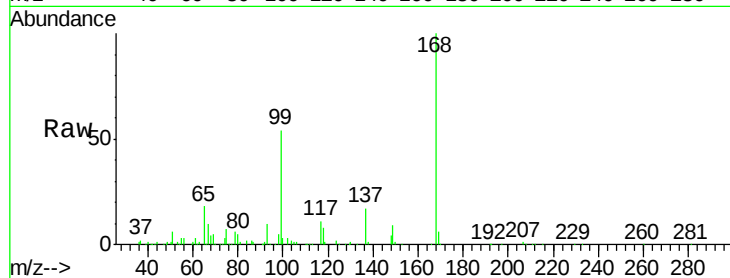
SU-04-050219-A

Tot Ion:168 Resp: 247256

Ion Ratio Lower Upper

168 100

99 53.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.04

80000

60000

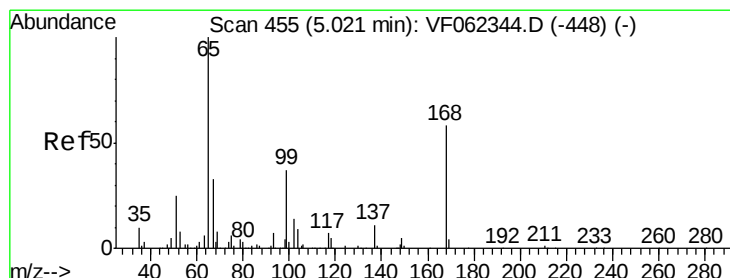
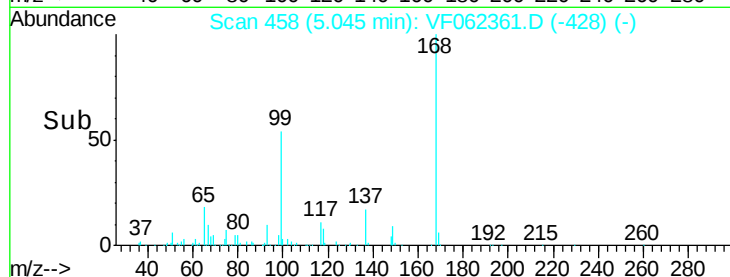
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 41.895 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF062361.D

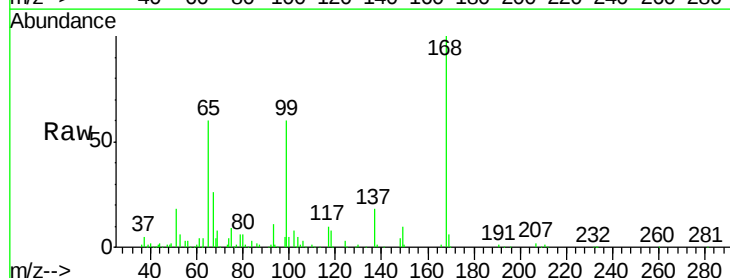
Acq: 7 May 2019 16:57

Tgt Ion: 65 Resp: 97894

Ion Ratio Lower Upper

65 100

67 47.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

40000

30000

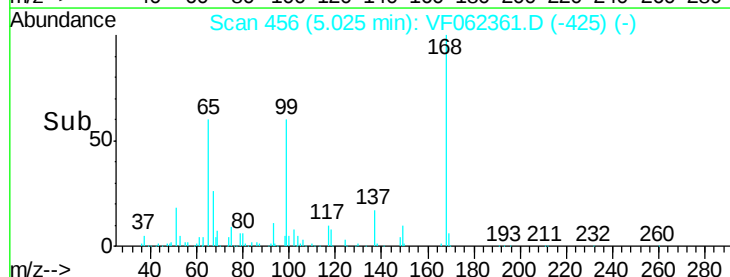
20000

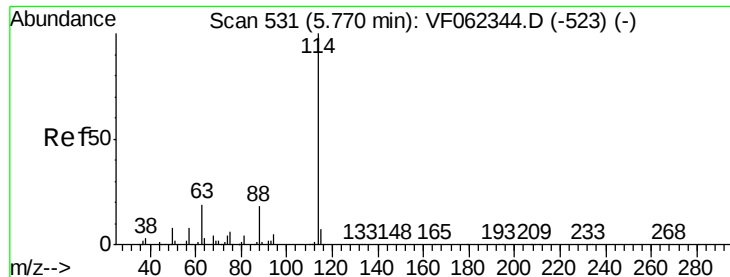
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062361.D

Acq: 7 May 2019 16:57

Instrument :

MSVOA_F

ClientSampleId :

SU-04-050219-A

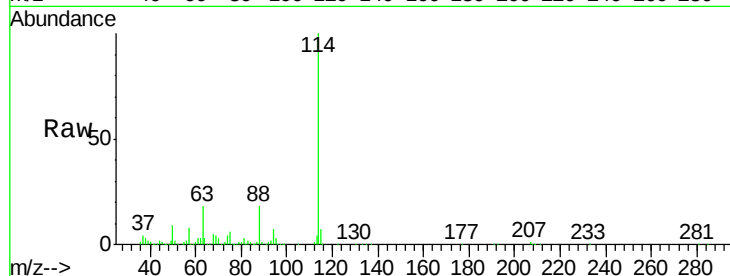
Tot Ion:114 Resp: 326631

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

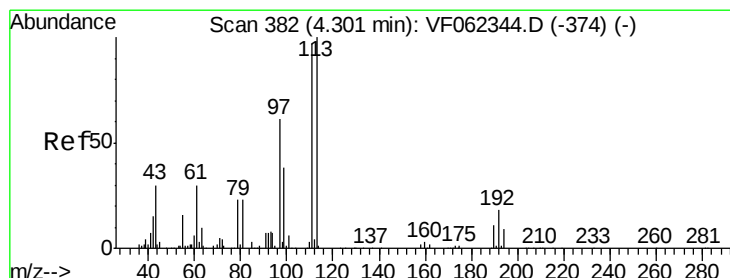
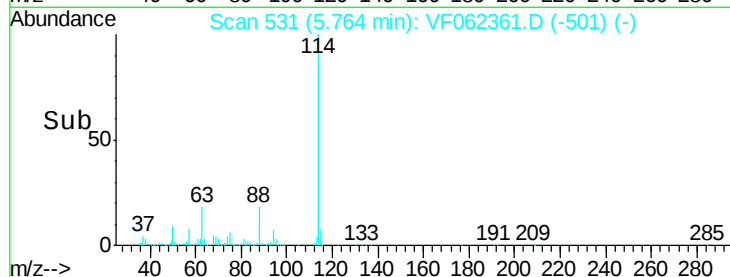
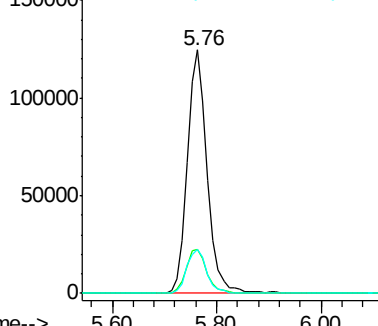
88 17.9 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 44.690 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF062361.D

Acq: 7 May 2019 16:57

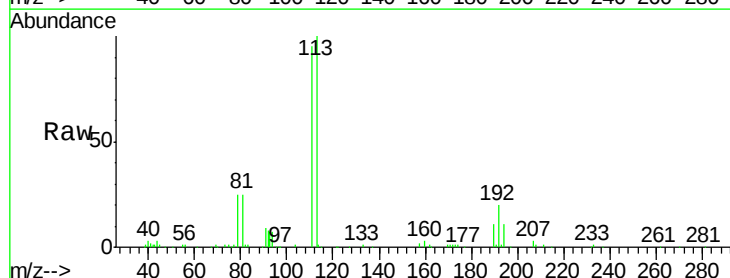
Tgt Ion:113 Resp: 116292

Ion Ratio Lower Upper

113 100

111 99.3 79.4 119.0

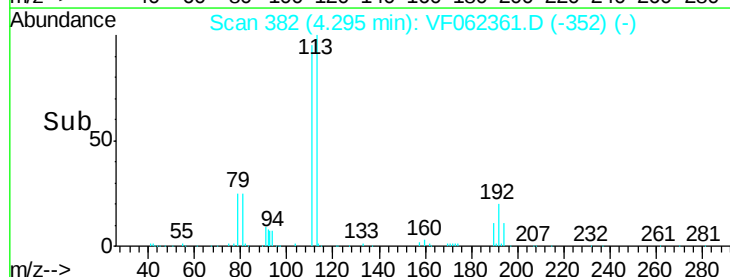
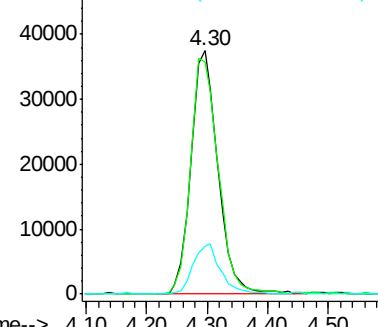
192 20.9 16.0 24.0

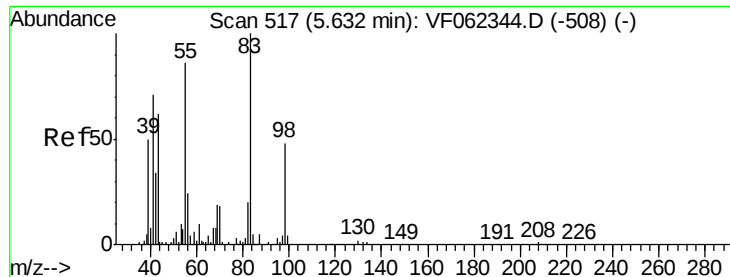


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

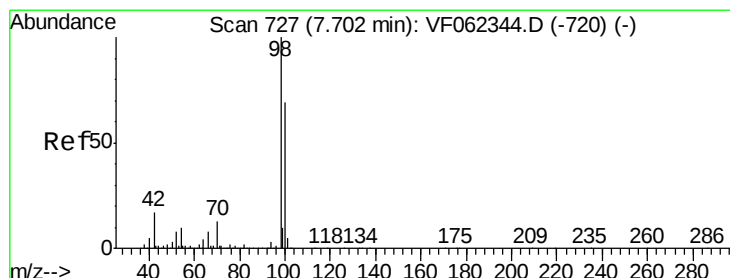
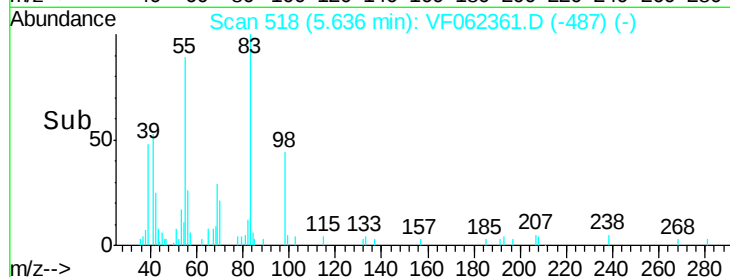
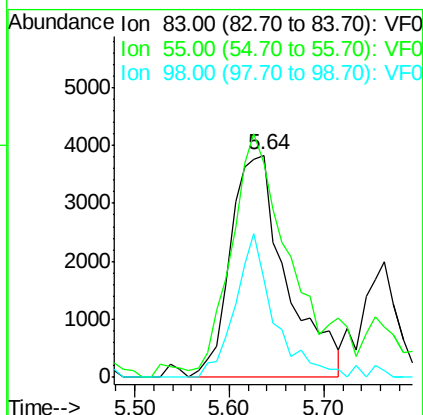
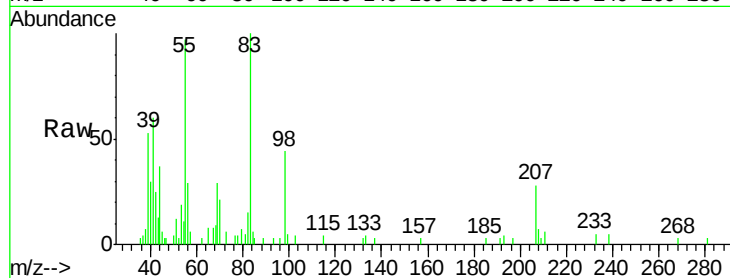




#39
Methvlcvclohexane
Concen: 5.550 ug/l
RT: 5.64 min Scan# 518
Delta R.T. 0.00 min
Lab File: VF062361.D
Acq: 7 May 2019 16:57

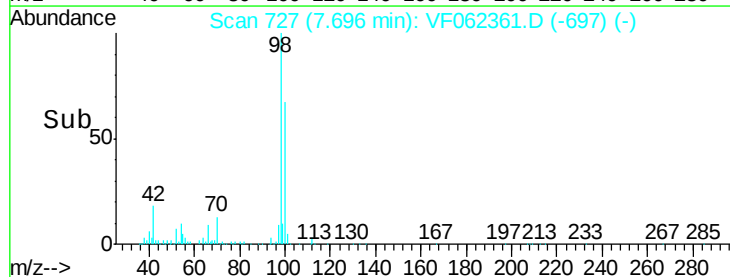
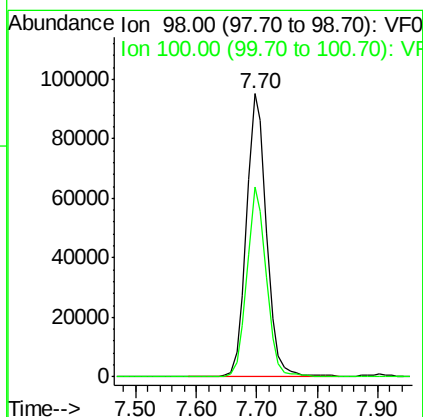
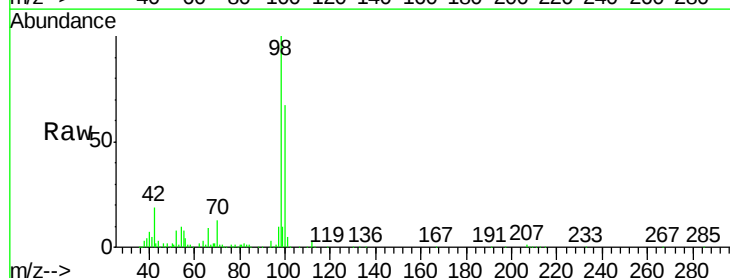
Instrument :
MSVOA_F
ClientSampleId :
SU-04-050219-A

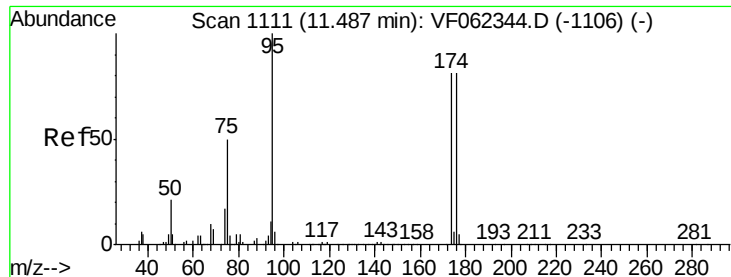
Tot Ion: 83 Resp: 15617
Ion Ratio Lower Upper
83 100
55 93.3 69.0 103.6
98 44.1 38.6 58.0



#50
Toluene-d8
Concen: 34.781 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062361.D
Acq: 7 May 2019 16:57

Tgt Ion: 98 Resp: 219085
Ion Ratio Lower Upper
98 100
100 65.0 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 39.720 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF062361.D

Acq: 7 May 2019 16:57

Instrument :

MSVOA_F

ClientSampleId :

SU-04-050219-A

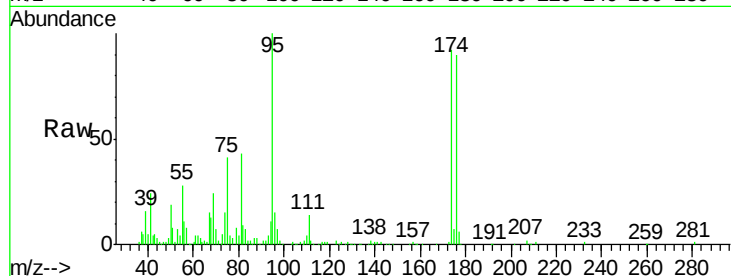
Tot Ion: 95 Resp: 112880

Ion Ratio Lower Upper

95 100

174 78.2 0.0 191.8

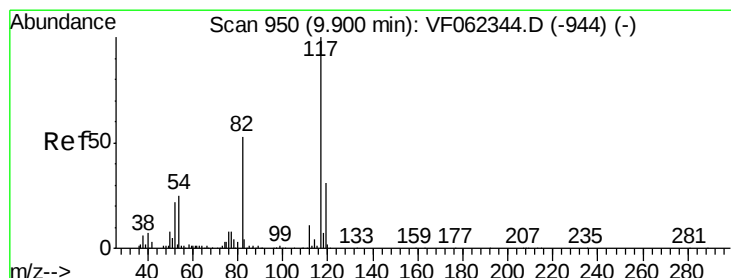
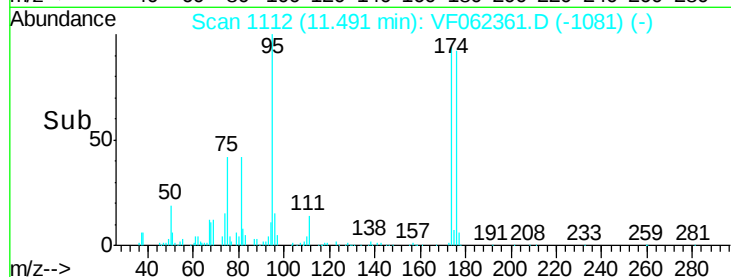
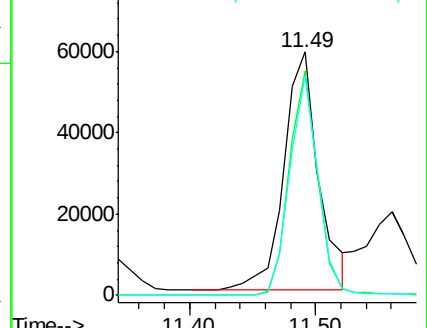
176 77.4 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): VF0

Ion 175.80 (175.50 to 176.50): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.89 min Scan# 950

Delta R.T. -0.01 min

Lab File: VF062361.D

Acq: 7 May 2019 16:57

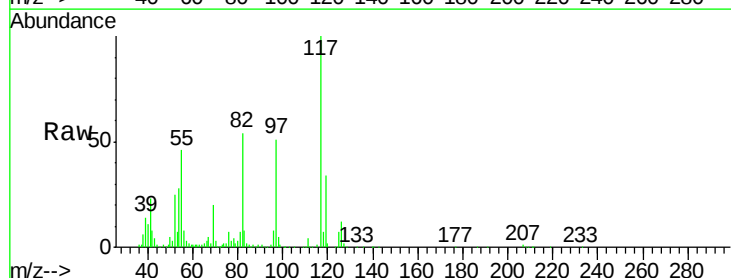
Tgt Ion: 117 Resp: 225640

Ion Ratio Lower Upper

117 100

82 53.5 42.2 63.2

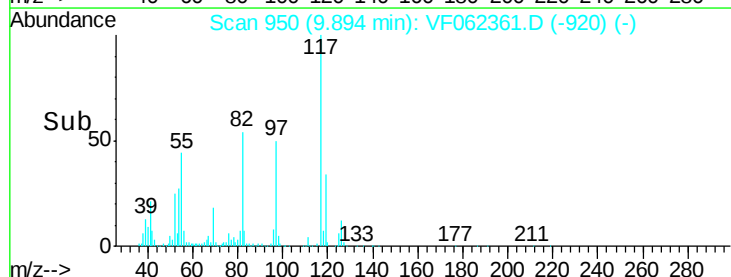
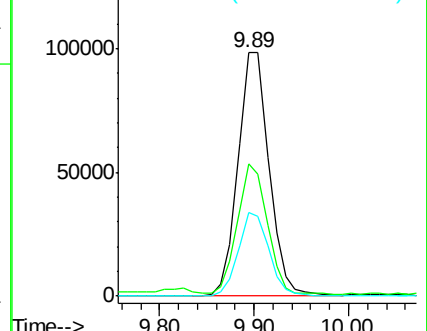
119 34.1 25.0 37.4

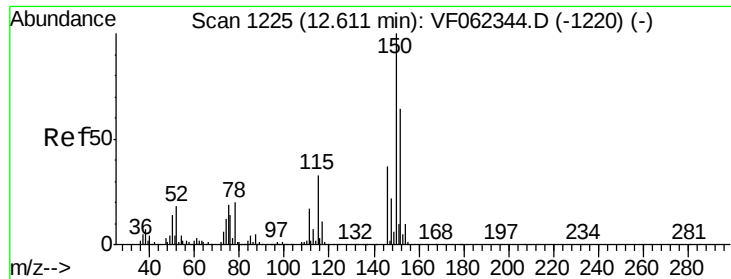


Abundance Ion 116.90 (116.60 to 117.60): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062361.D

Acq: 7 May 2019 16:57

Instrument :

MSVOA_F

ClientSampleId :

SU-04-050219-A

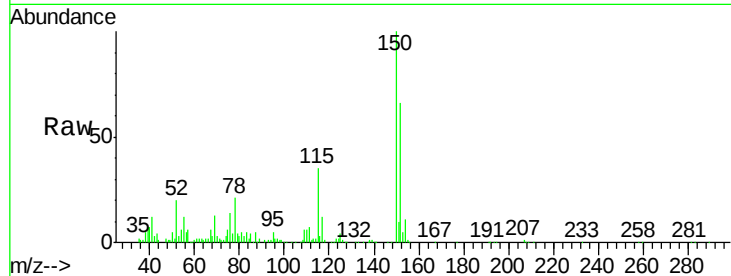
Tot Ion:152 Resp: 134751

Ion Ratio Lower Upper

152 100

115 53.5 26.4 79.2

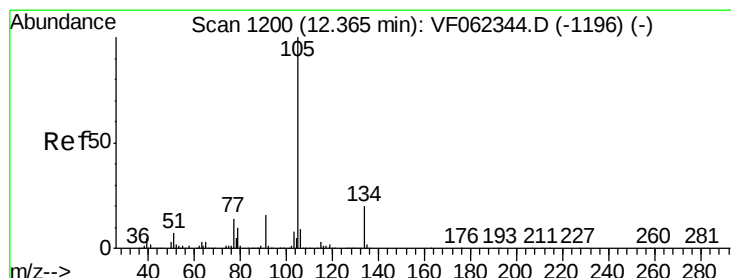
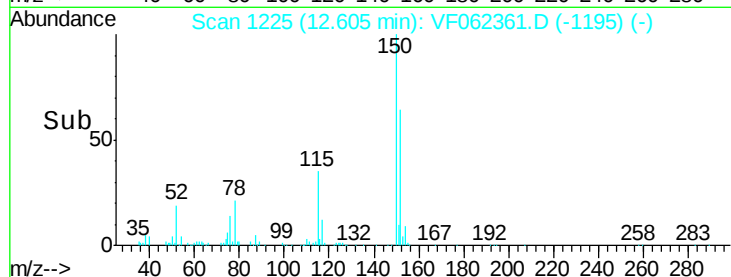
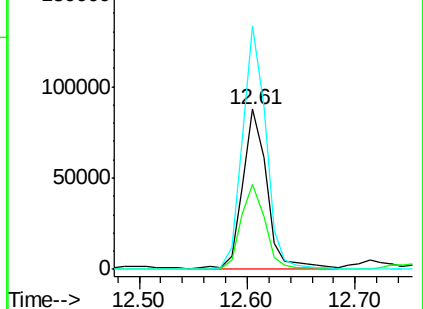
150 148.7 0.0 335.0



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



#85

sec-Butylbenzene

Concen: 10.572 ug/l

RT: 12.36 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VF062361.D

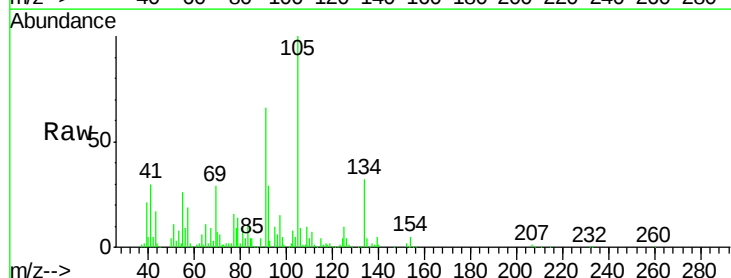
Acq: 7 May 2019 16:57

Tgt Ion:105 Resp: 94689

Ion Ratio Lower Upper

105 100

134 32.6 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

