

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062574.D
 Acq On : 14 May 2019 7:46
 Operator : FY/SY
 Sample : K2757-02
 Misc : 5.66g/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS008-1824-01

Quant Time: May 14 08:50:15 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

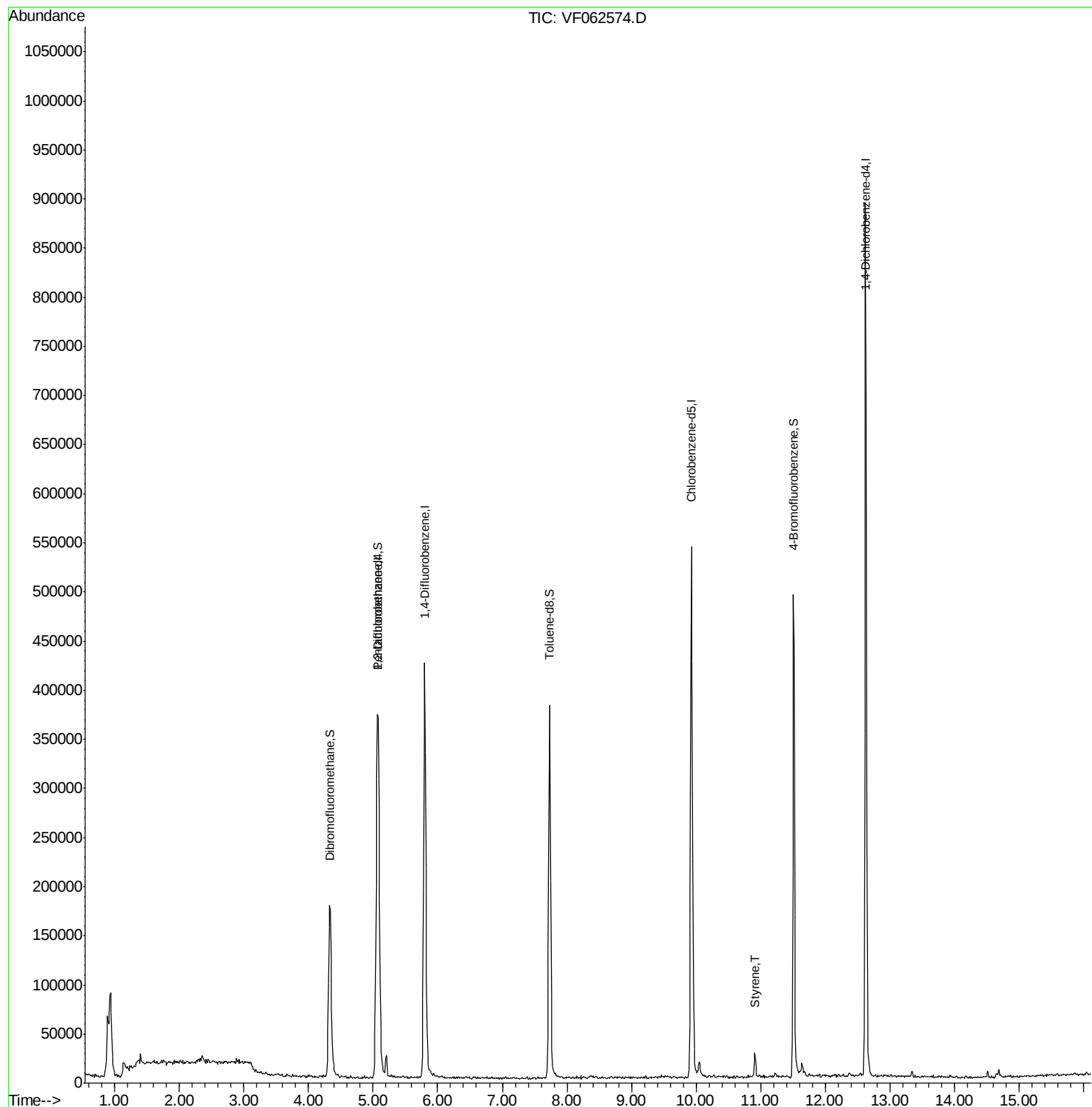
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	315974	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	454092	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	392898	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	233252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	139087	46.58	ug/l	0.04
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	4.33	113	169267	46.79	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	7.73	98	318938	36.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	72.84%	
62) 4-Bromofluorobenzene	11.51	95	162804	41.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.42%	
Target Compounds						
70) Styrene	10.90	104	12451	1.831	ug/l	Qvalue 99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062574.D

Acq: 14 May 2019 7:46

Instrument :

MSVOA_F

ClientSampleId :

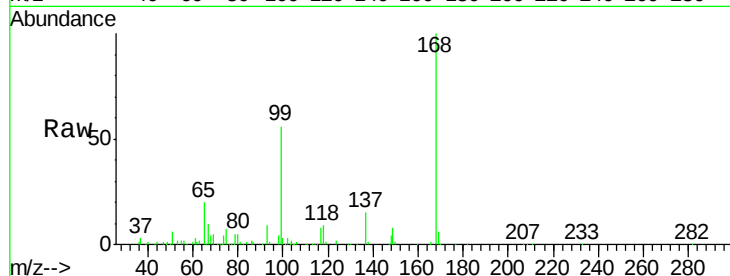
P021-SS008-1824-01

Tot Ion:168 Resp: 315974

Ion Ratio Lower Upper

168 100

99 55.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

120000

100000

80000

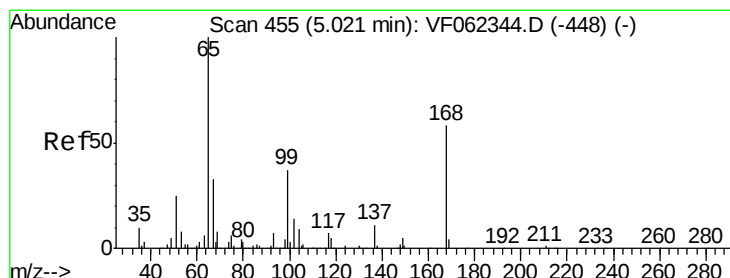
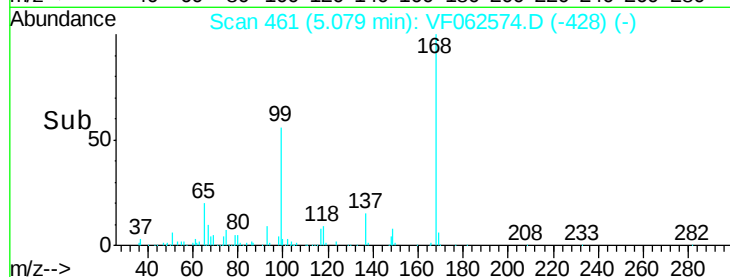
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.578 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.04 min

Lab File: VF062574.D

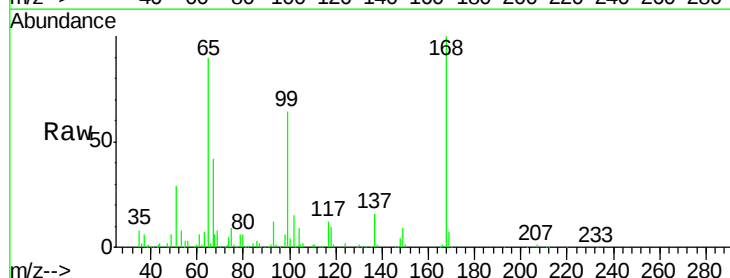
Acq: 14 May 2019 7:46

Tgt Ion: 65 Resp: 139087

Ion Ratio Lower Upper

65 100

67 46.6 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.06

50000

40000

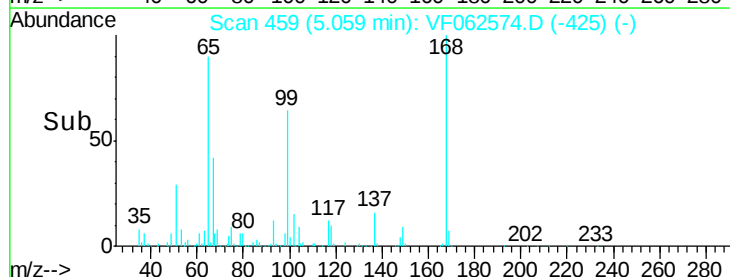
30000

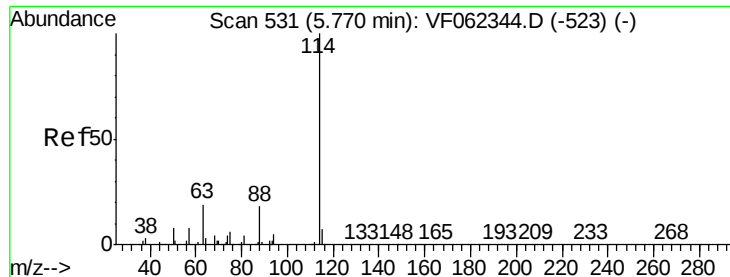
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062574.D

Acq: 14 May 2019 7:46

Instrument :

MSVOA_F

ClientSampleId :

P021-SS008-1824-01

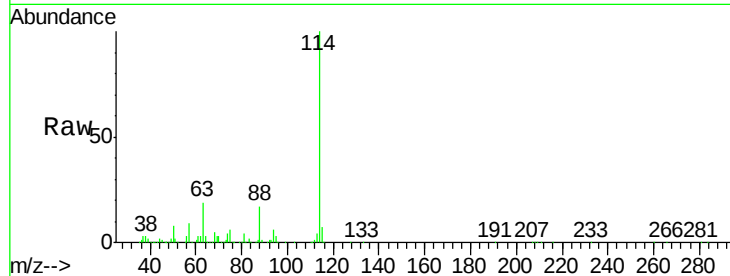
Tot Ion:114 Resp: 454092

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

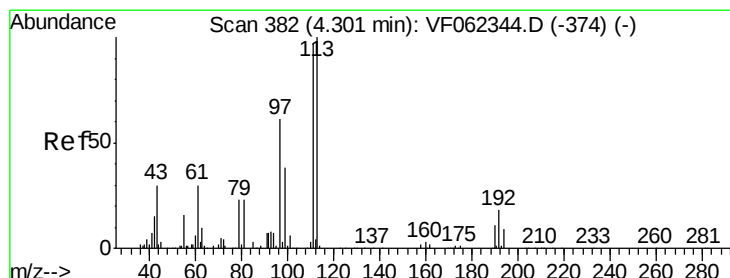
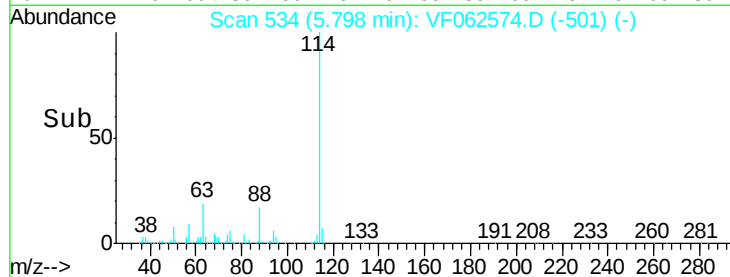
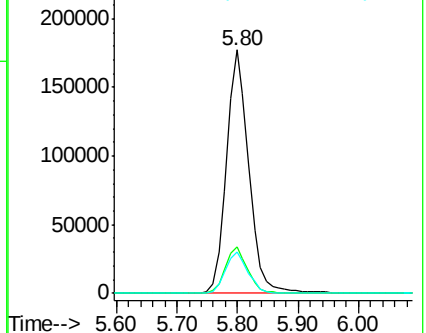
88 17.2 0.0 36.4



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: 46.789 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062574.D

Acq: 14 May 2019 7:46

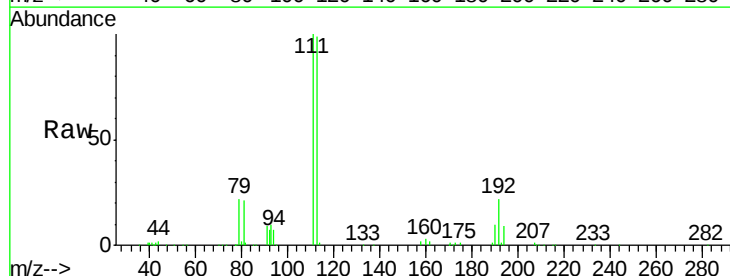
Tgt Ion:113 Resp: 169267

Ion Ratio Lower Upper

113 100

111 98.7 79.4 119.0

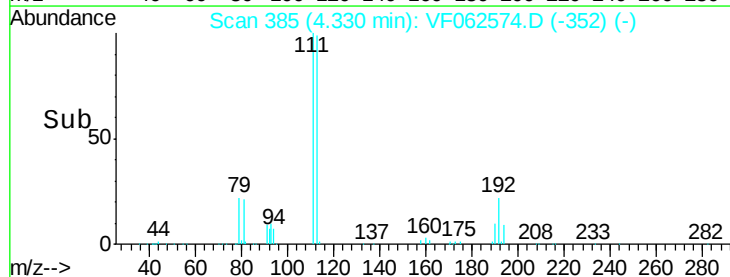
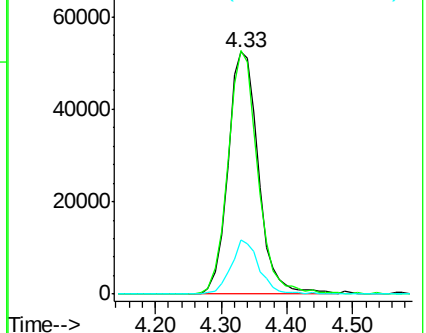
192 20.9 16.0 24.0

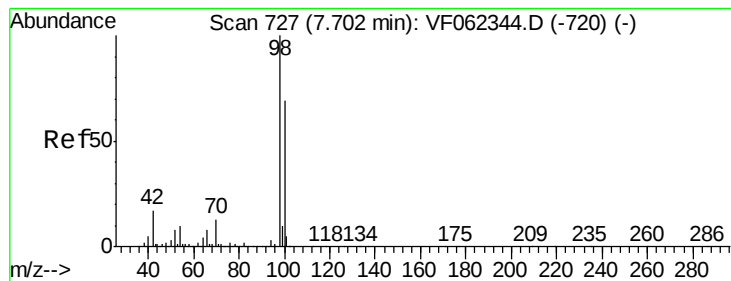


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.420 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062574.D

Acq: 14 May 2019 7:46

Instrument :

MSVOA_F

ClientSampleId :

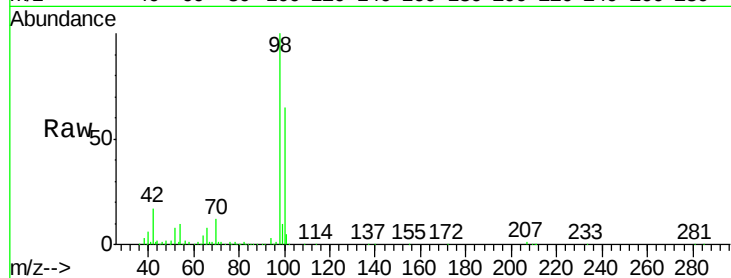
P021-SS008-1824-01

Tot Ion: 98 Resp: 318938

Ion Ratio Lower Upper

98 100

100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.73

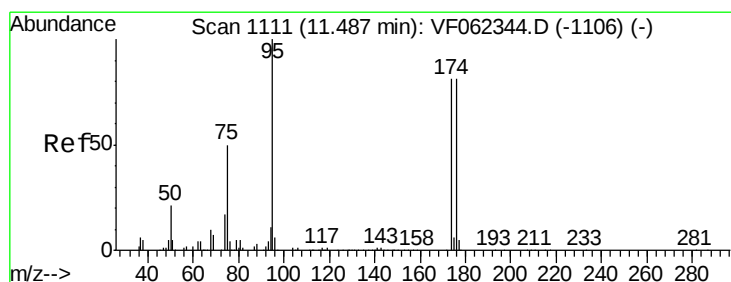
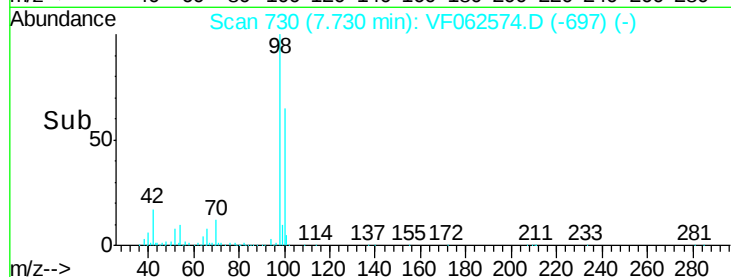
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.207 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062574.D

Acq: 14 May 2019 7:46

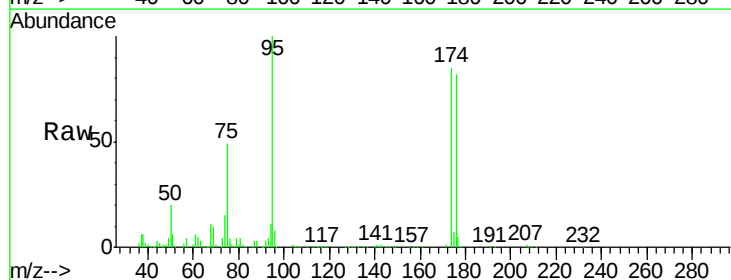
Tgt Ion: 95 Resp: 162804

Ion Ratio Lower Upper

95 100

174 97.6 0.0 191.8

176 94.7 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

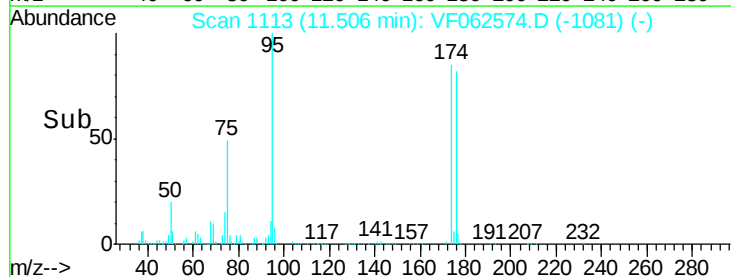
11.51

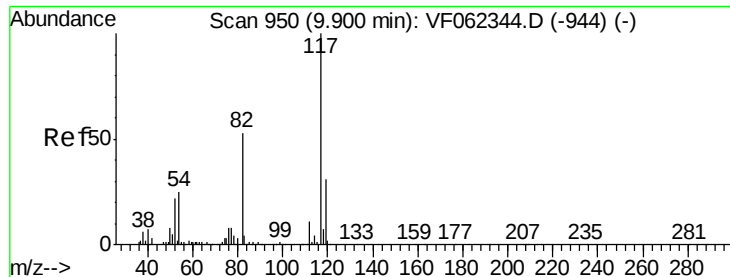
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. 0.03 min

Lab File: VF062574.D

Acq: 14 May 2019 7:46

Instrument :

MSVOA_F

ClientSampleId :

P021-SS008-1824-01

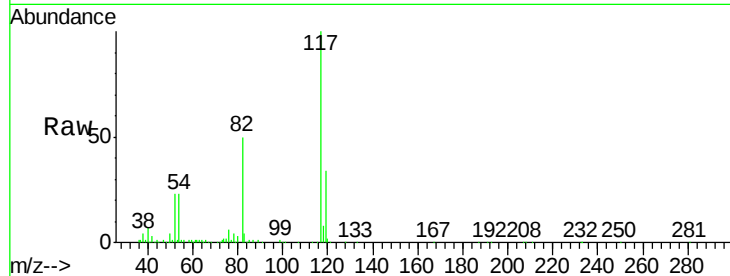
Tot Ion:117 Resp: 392898

Ion Ratio Lower Upper

117 100

82 49.7 42.2 63.2

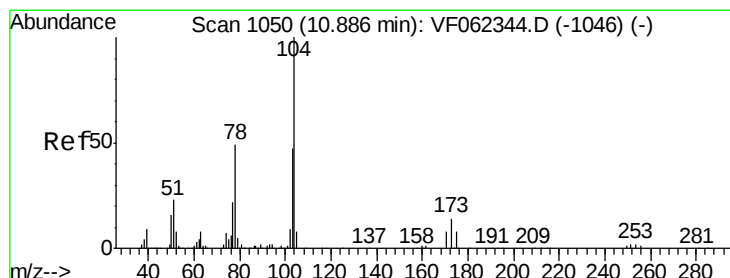
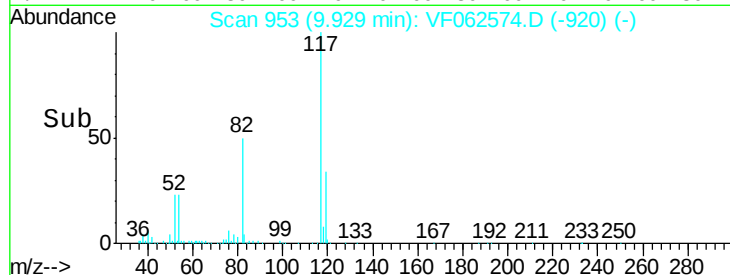
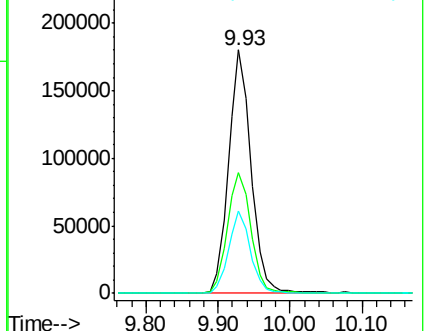
119 33.6 25.0 37.4



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



#70

Styrene

Concen: 1.831 ug/l

RT: 10.90 min Scan# 1052

Delta R.T. 0.02 min

Lab File: VF062574.D

Acq: 14 May 2019 7:46

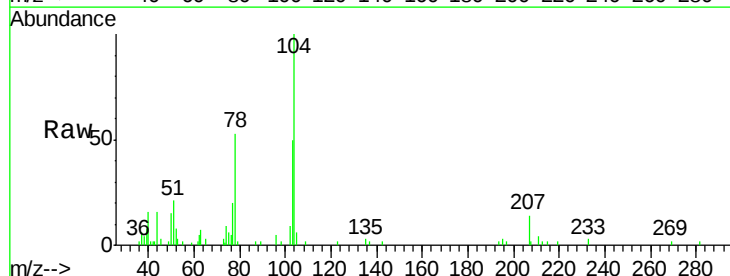
Tgt Ion:104 Resp: 12451

Ion Ratio Lower Upper

104 100

78 49.9 39.5 59.3

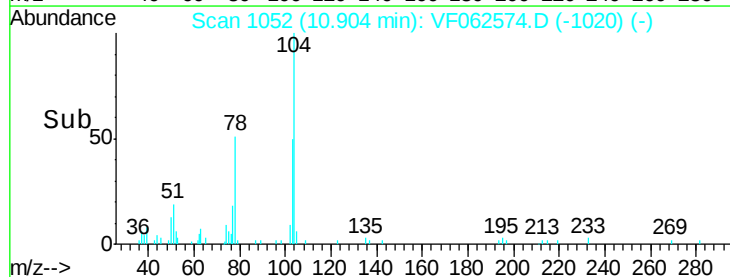
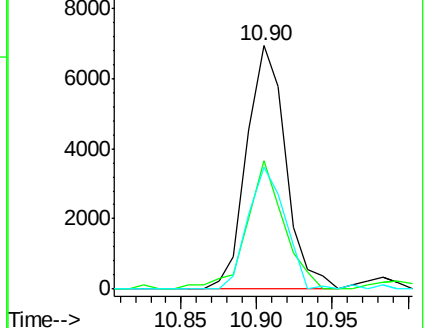
103 47.6 38.4 57.6

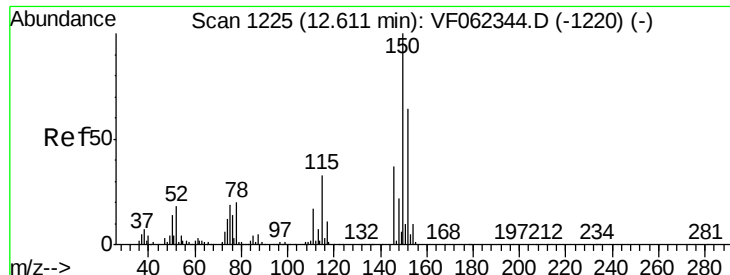


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062574.D

Acq: 14 May 2019 7:46

Instrument :

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ClientSampleId :

P021-SS008-1824-01

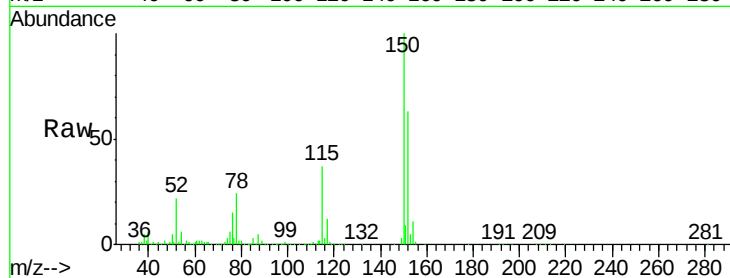
Tot Ion:152 Resp: 233252

Ion Ratio Lower Upper

152 100

115 55.3 26.4 79.2

150 156.0 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

