

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062526.D
 Acq On : 13 May 2019 3:24
 Operator : FY/SY
 Sample : K2756-07
 Misc : 5.38g/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS006-0206-01

Quant Time: May 13 07:29:02 2019
 Quant Method : Z:\VOASRV\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	5.07	168	265494	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	366114	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	271084	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	139565	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	106363	42.39	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.78%	
35) Dibromofluoromethane	4.33	113	136177	46.69	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	7.74	98	272494	38.59	ug/l	0.03
Spiked Amount 50.000			Recovery	=	77.18%	
62) 4-Bromofluorobenzene	11.51	95	105518	33.13	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.26%	

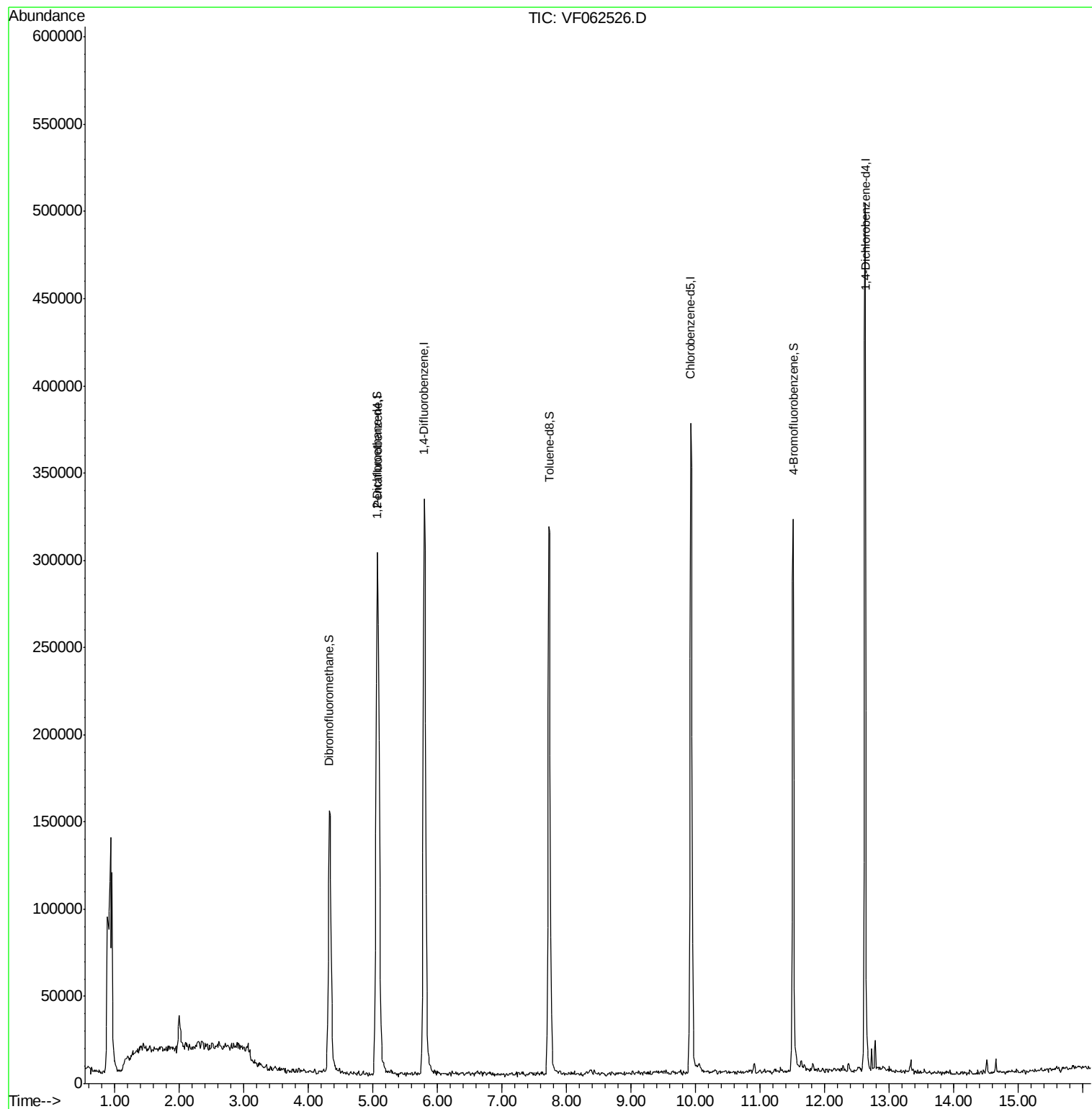
Target Compounds	Qvalue
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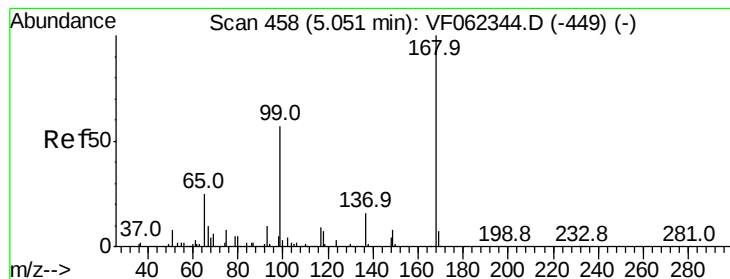
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062526.D

Acq: 13 May 2019 3:24

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MSVOA_F

ClientSampleId :

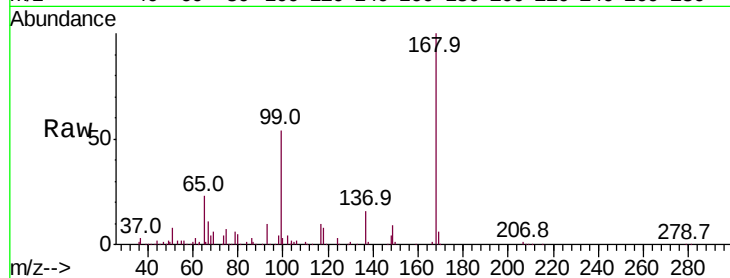
P021-SS006-0206-01

Tot Ion:168 Resp: 265494

Ion Ratio Lower Upper

168 100

99 53.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.07

80000

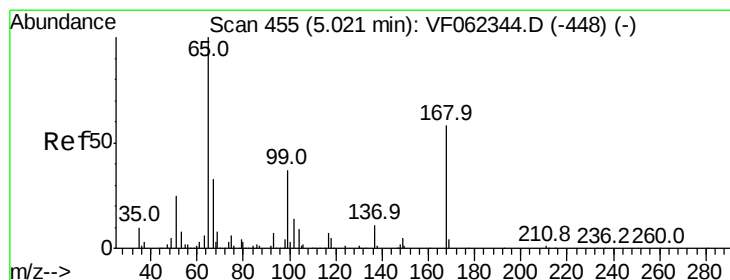
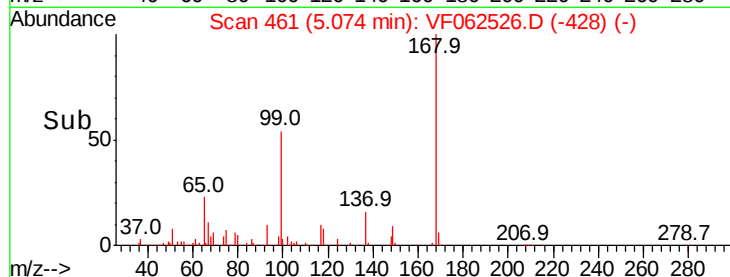
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 42.392 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062526.D

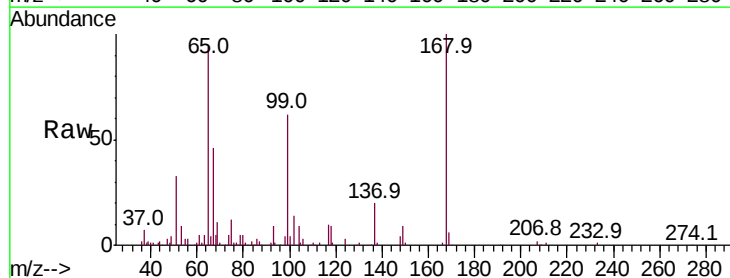
Acq: 13 May 2019 3:24

Tgt Ion: 65 Resp: 106363

Ion Ratio Lower Upper

65 100

67 49.3 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

40000

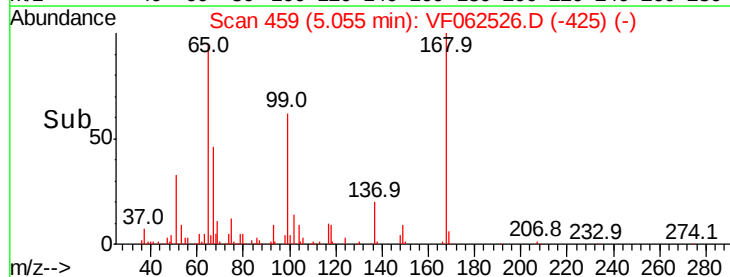
30000

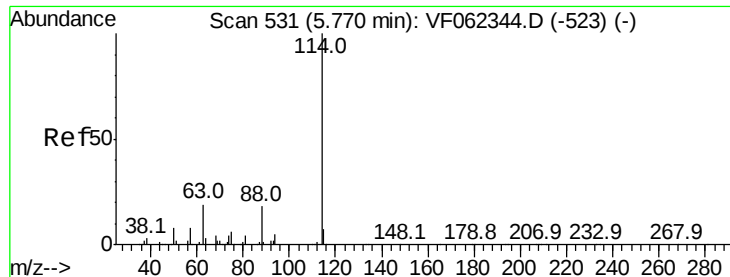
20000

10000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062526.D

Acq: 13 May 2019 3:24

Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-0206-01

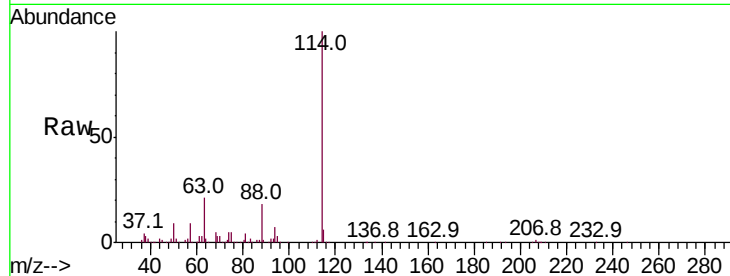
Tot Ion:114 Resp: 366114

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

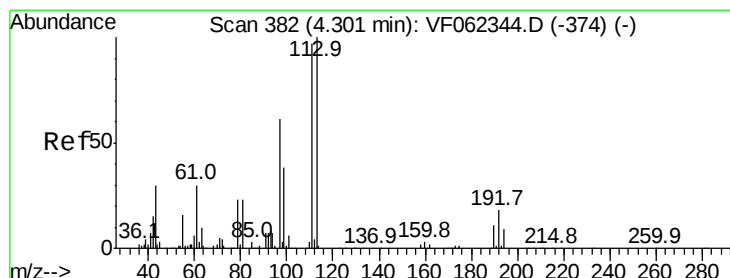
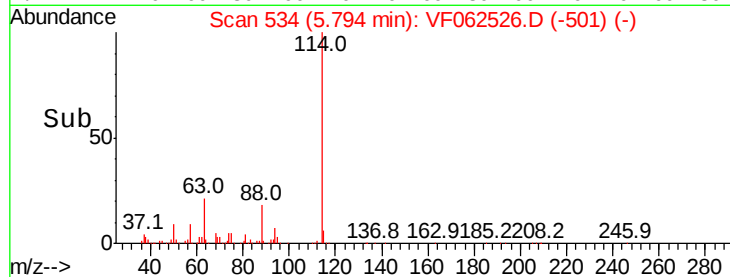
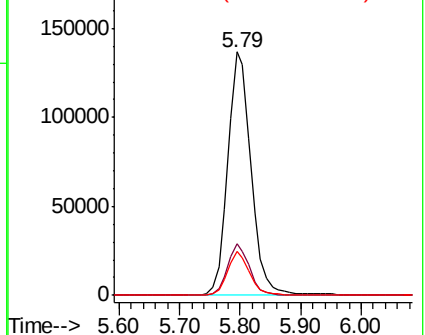
88 18.1 0.0 36.4



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: 46.688 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062526.D

Acq: 13 May 2019 3:24

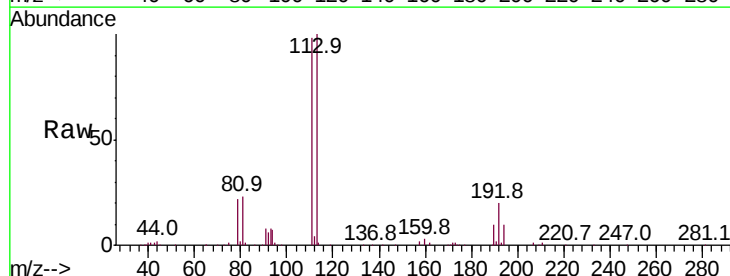
Tgt Ion:113 Resp: 136177

Ion Ratio Lower Upper

113 100

111 99.0 79.4 119.0

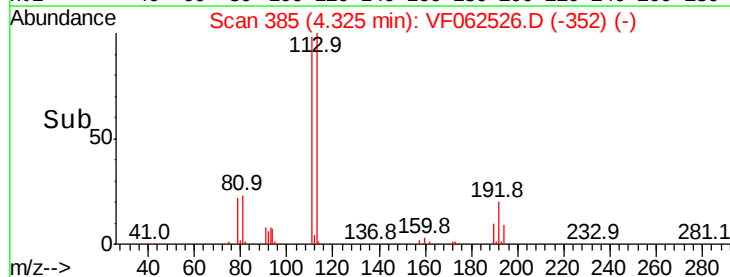
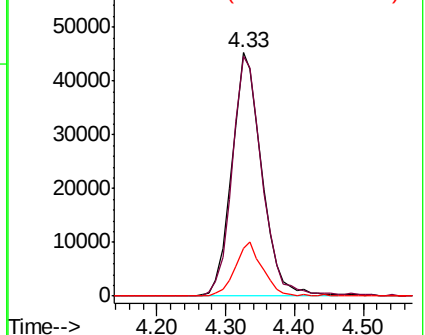
192 20.8 16.0 24.0

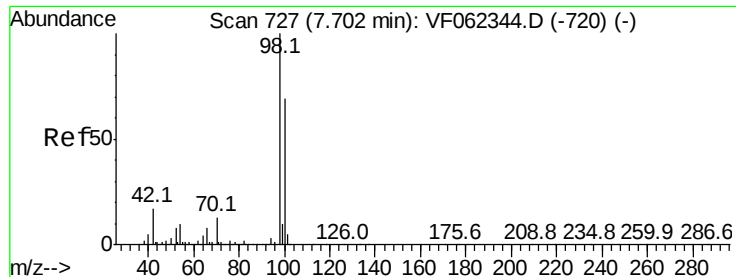


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.594 ug/l

RT: 7.74 min Scan# 731

Delta R.T. 0.03 min

Lab File: VF062526.D

Acq: 13 May 2019 3:24

Instrument :

MSVOA_F

ClientSampleId :

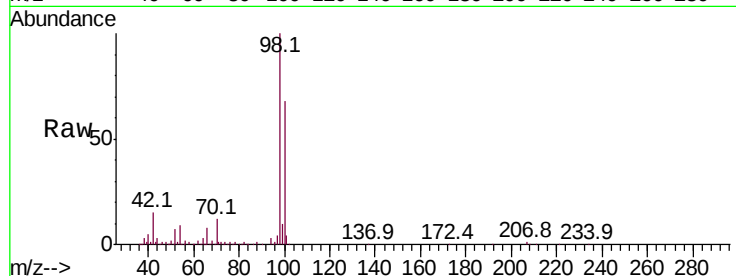
P021-SS006-0206-01

Tot Ion: 98 Resp: 272494

Ion Ratio Lower Upper

98 100

100 65.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

120000

100000

80000

60000

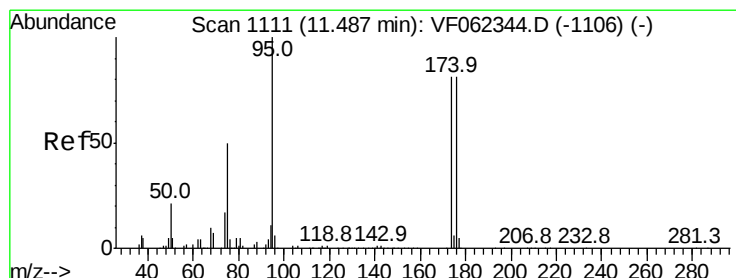
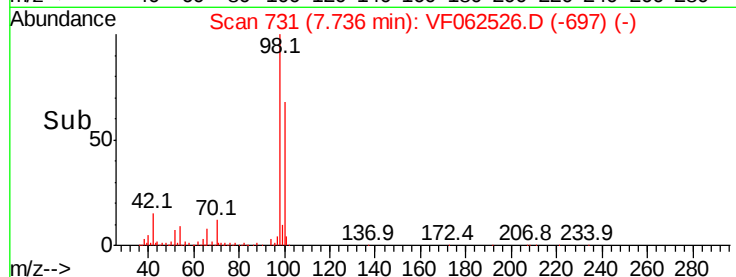
40000

20000

0

7.60 7.74 7.80 8.00

Time-->



#62

4-Bromofluorobenzene

Concen: 33.125 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062526.D

Acq: 13 May 2019 3:24

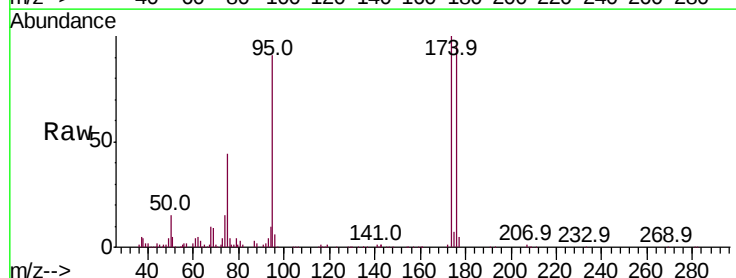
Tgt Ion: 95 Resp: 105518

Ion Ratio Lower Upper

95 100

174 101.3 0.0 191.8

176 97.3 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

80000

60000

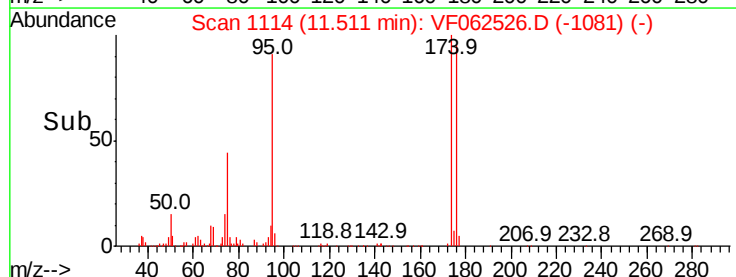
40000

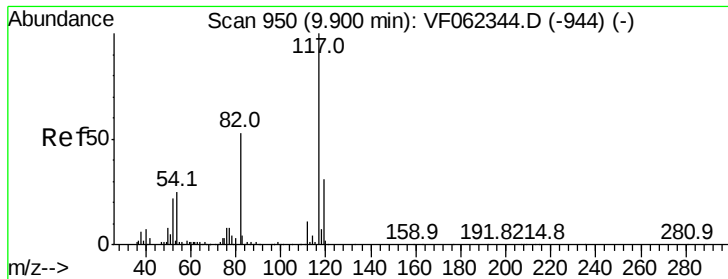
20000

0

11.40 11.51 11.60 11.70

Time-->

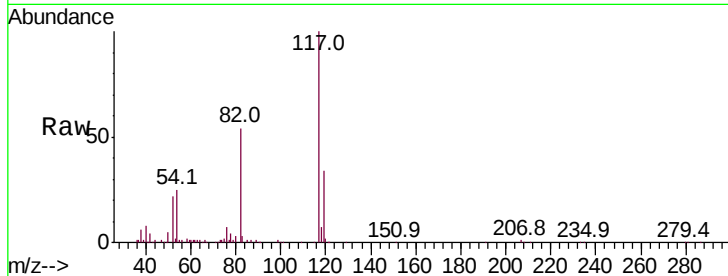




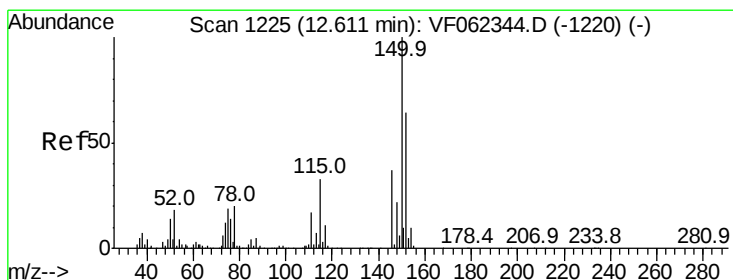
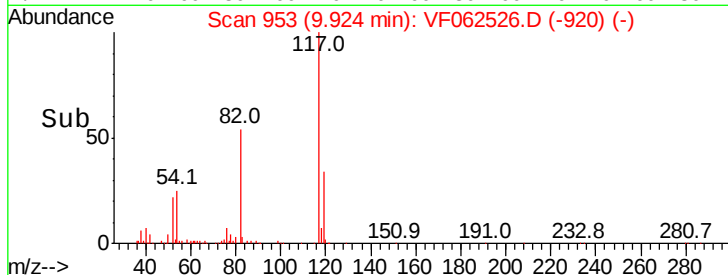
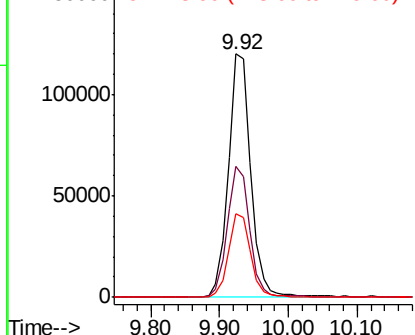
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062526.D
Acq: 13 May 2019 3:24

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0206-01

Tot Ion:117 Resp: 271084
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 34.4 25.0 37.4

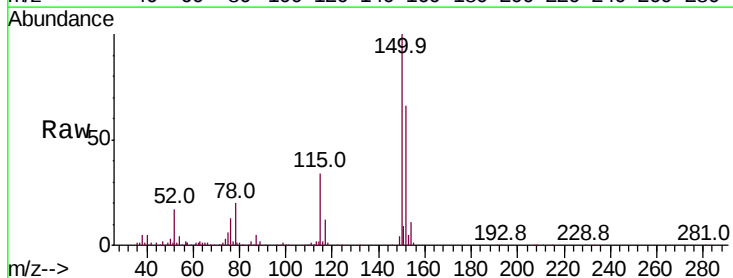


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062526.D
Acq: 13 May 2019 3:24

Tgt Ion:152 Resp: 139565
Ion Ratio Lower Upper
152 100
115 52.1 26.4 79.2
150 152.7 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

