

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062520.D
 Acq On : 13 May 2019 00:36
 Operator : FY/SY
 Sample : K2756-01
 Misc : 5.63g/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0002-01

Quant Time: May 13 07:04:05 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

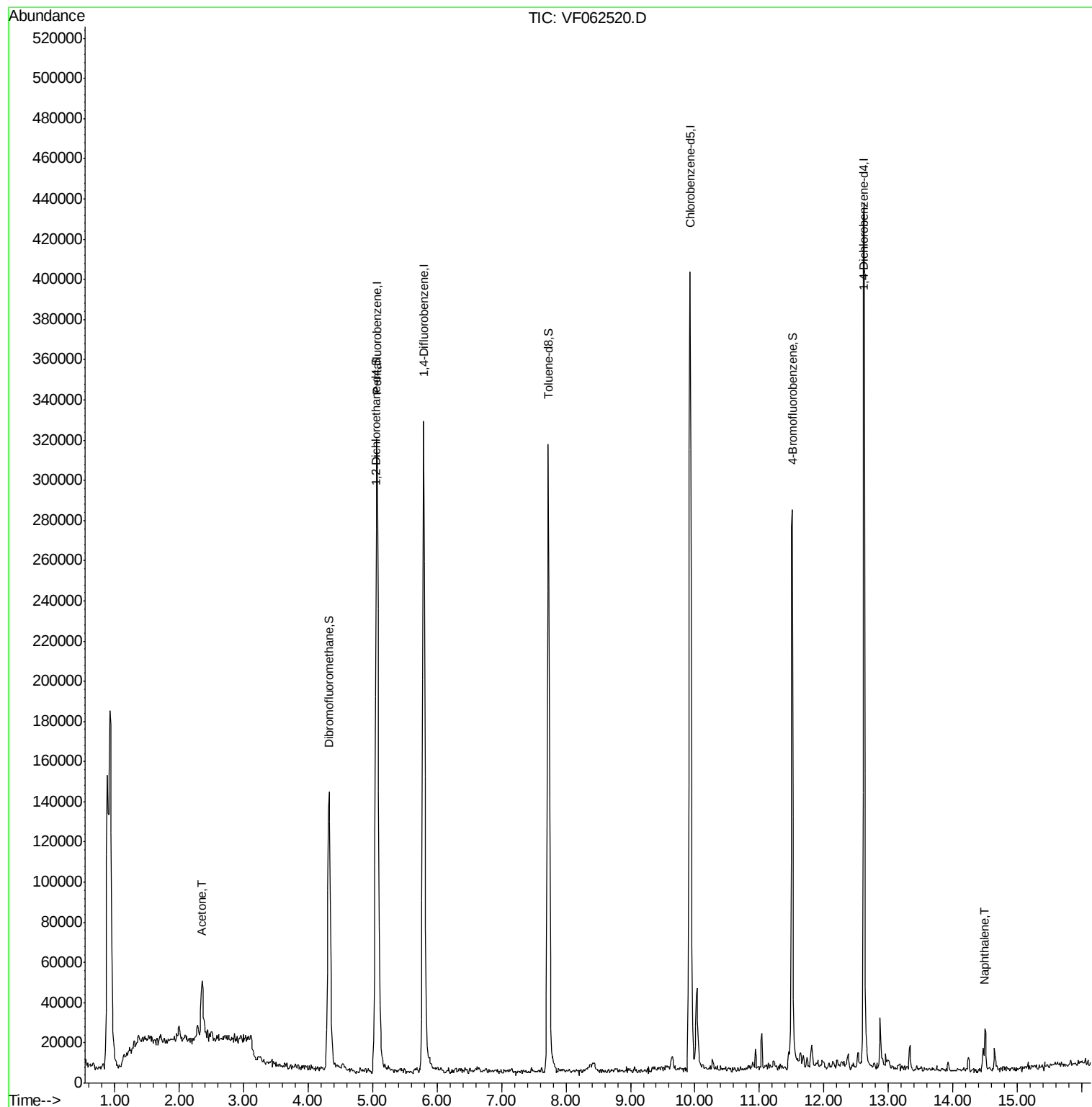
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	275906	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	380111	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	278653	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	124930	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	108412	41.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.16%	
35) Dibromofluoromethane	4.33	113	126007	41.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.22%	
50) Toluene-d8	7.73	98	254515	34.72	ug/l	0.02
Spiked Amount 50.000			Recovery	=	69.44%	
62) 4-Bromofluorobenzene	11.50	95	94785	28.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	57.32%	
Target Compounds						
16) Acetone	2.35	43	52916	100.322	ug/l #	91
95) Naphthalene	14.50	128	11488	2.479	ug/l	97

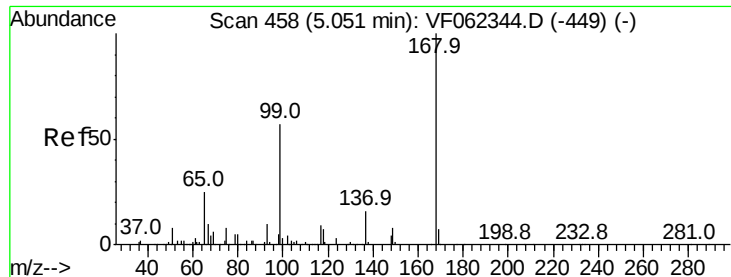
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062520.D

Acq: 13 May 2019 00:36

Instrument :

MSVOA_F

ClientSampleId :

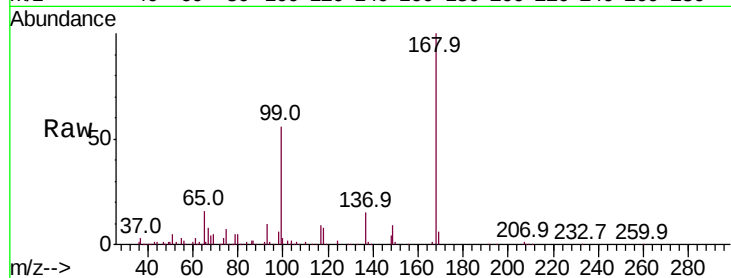
P021-SS005-0002-01

Tot Ion:168 Resp: 275906

Ion Ratio Lower Upper

168 100

99 55.7 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

100000

80000

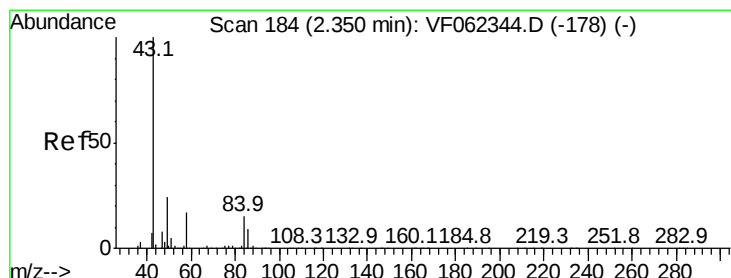
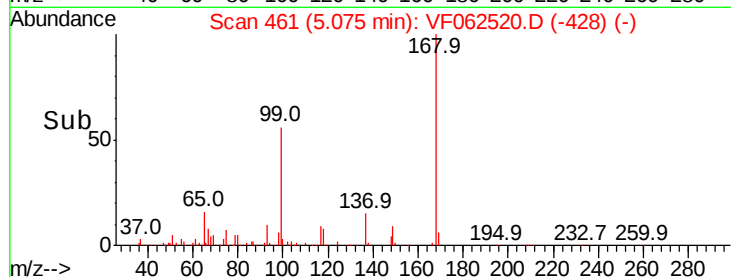
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 100.322 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062520.D

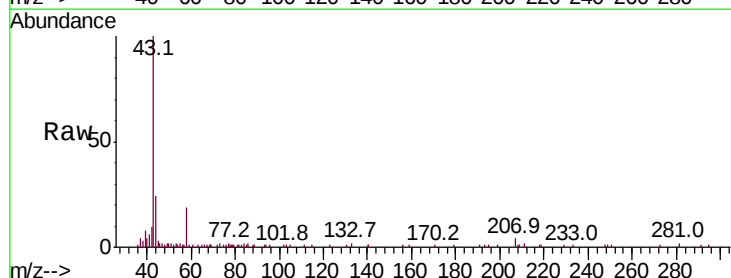
Acq: 13 May 2019 00:36

Tgt Ion: 43 Resp: 52916

Ion Ratio Lower Upper

43 100

58 20.2 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

20000

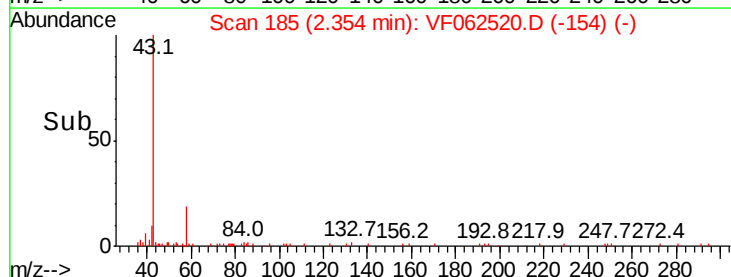
15000

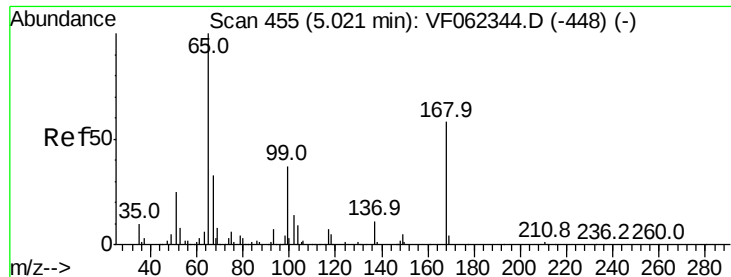
10000

5000

0

Time--> 2.20 2.30 2.40 2.50 2.60





#33

1,2-Dichloroethane-d4

Concen: 41.578 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062520.D

Acq: 13 May 2019 00:36

Instrument :

MSVOA_F

ClientSampleId :

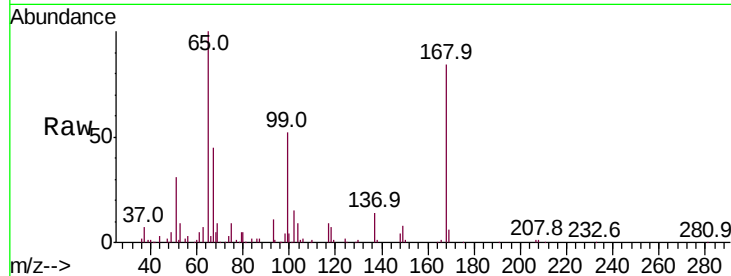
P021-SS005-0002-01

Tot Ion: 65 Resp: 108412

Ion Ratio Lower Upper

65 100

67 43.6 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

40000

30000

20000

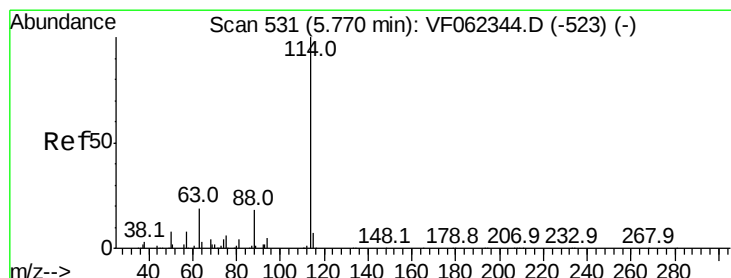
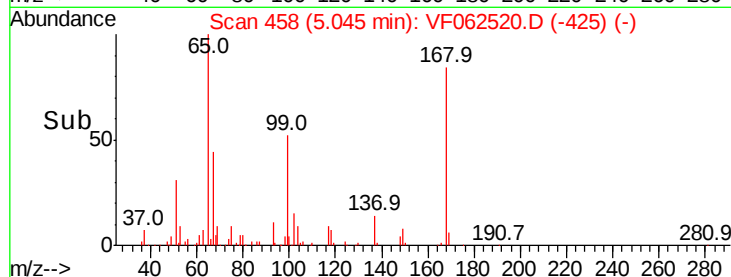
10000

0

5.05

4.90 5.00 5.10 5.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062520.D

Acq: 13 May 2019 00:36

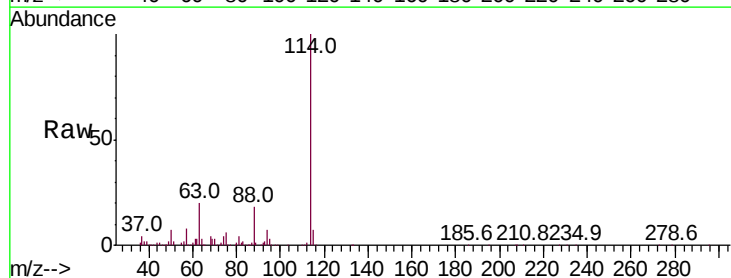
Tgt Ion: 114 Resp: 380111

Ion Ratio Lower Upper

114 100

63 19.7 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

150000

100000

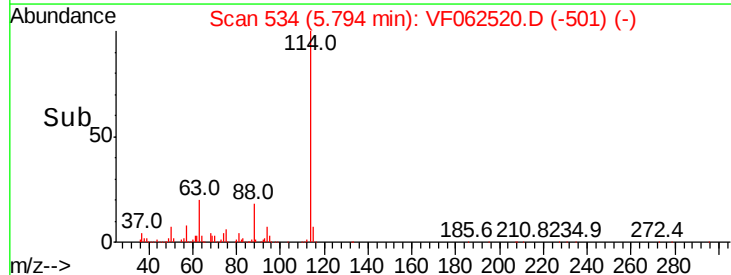
50000

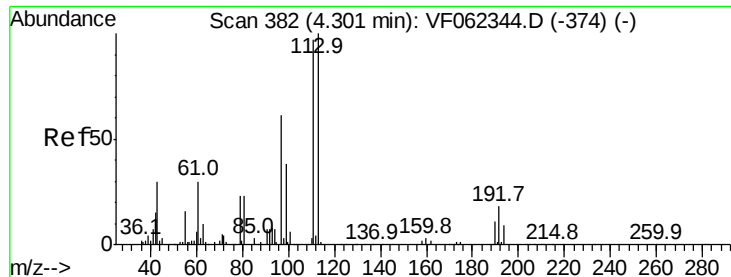
0

5.79

5.60 5.80 6.00

Time-->





#35

Dibromofluoromethane

Concen: 41.610 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062520.D

Acq: 13 May 2019 00:36

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0002-01

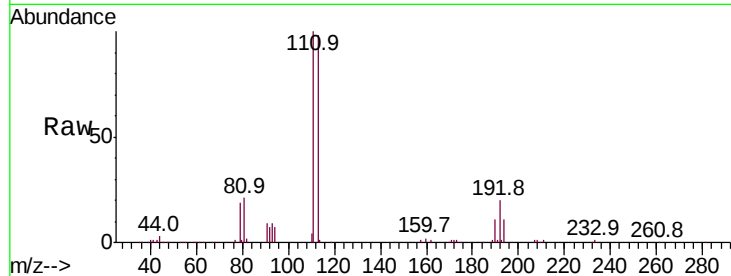
Tot Ion:113 Resp: 126007

Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.4	119.0
192	21.1	16.0	24.0

113 100

111 102.6 79.4 119.0

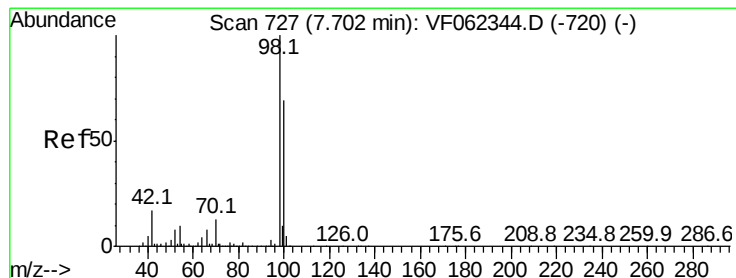
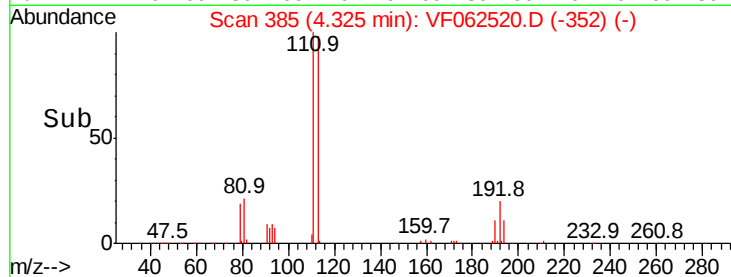
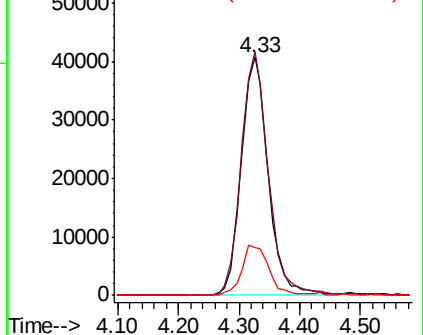
192 21.1 16.0 24.0



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: 34.720 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062520.D

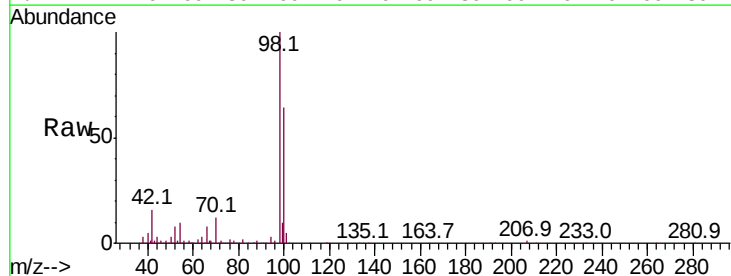
Acq: 13 May 2019 00:36

Tgt Ion: 98 Resp: 254515

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9

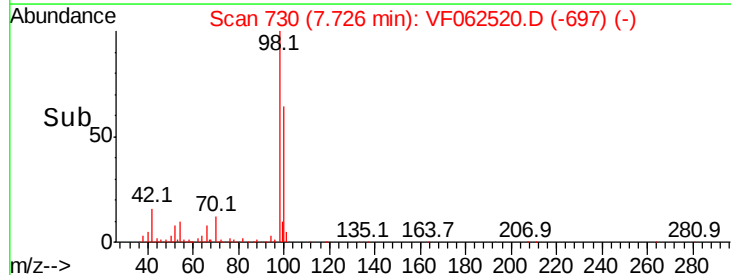
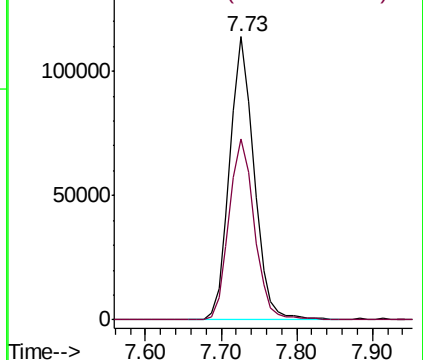
98 100

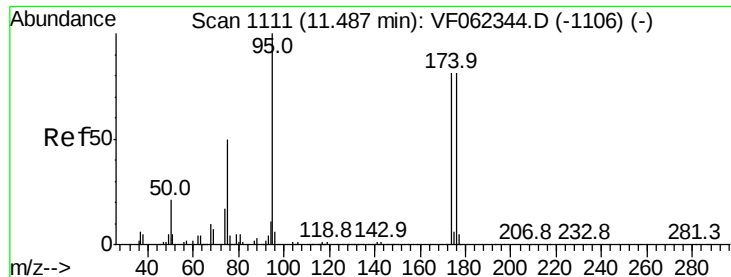
100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 28.660 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062520.D

Acq: 13 May 2019 00:36

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0002-01

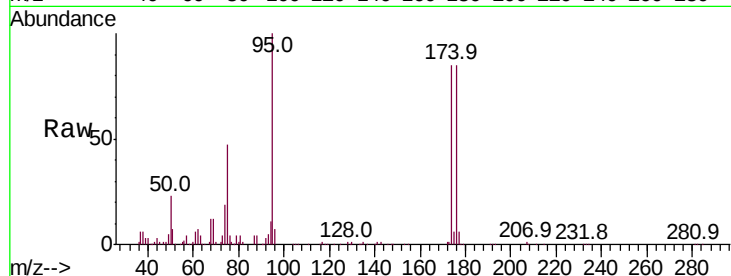
Tot Ion: 95 Resp: 94785

Ion Ratio Lower Upper

95 100

174 100.3 0.0 191.8

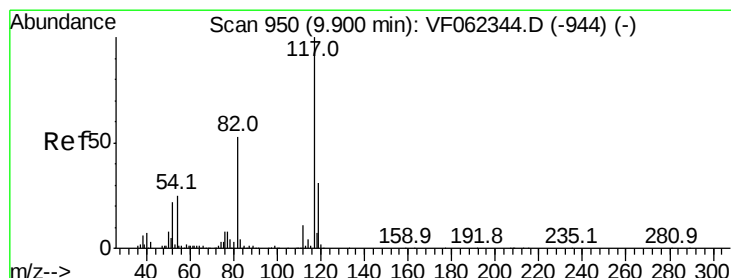
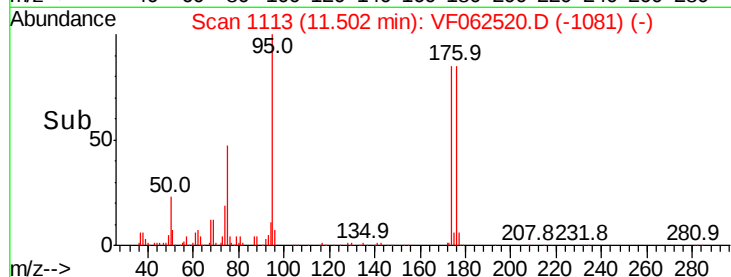
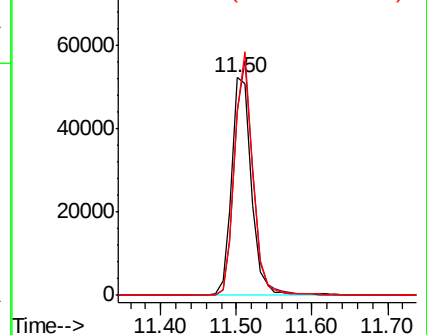
176 101.0 0.0 193.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.02 min

Lab File: VF062520.D

Acq: 13 May 2019 00:36

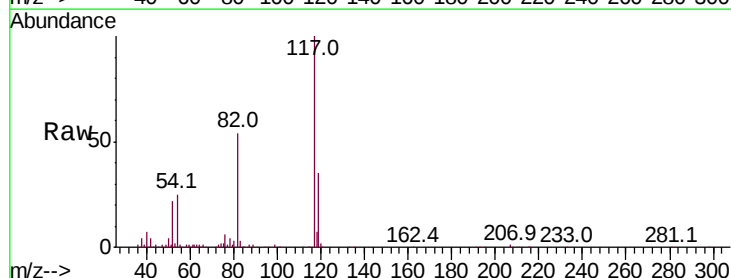
Tgt Ion: 117 Resp: 278653

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.2

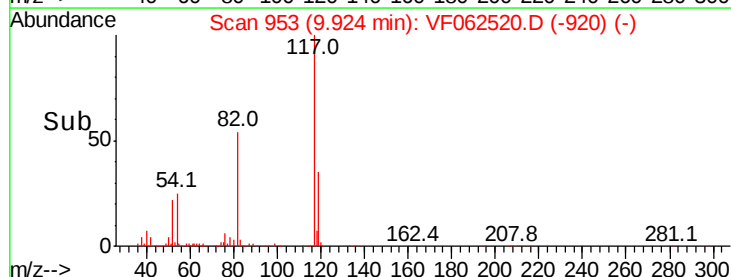
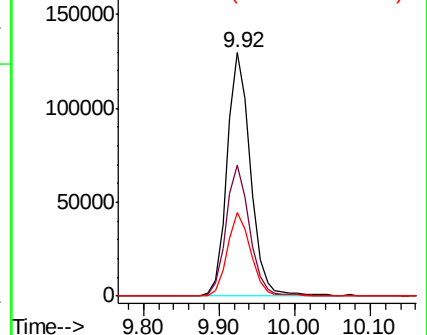
119 34.6 25.0 37.4

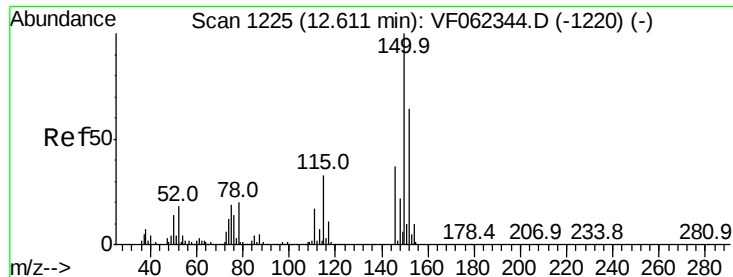


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF062520.D

Acq: 13 May 2019 00:36

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0002-01

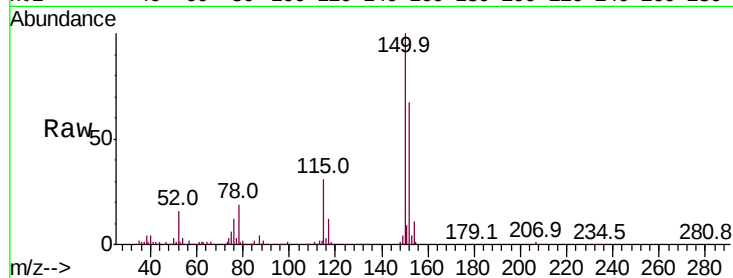
Tot Ion:152 Resp: 124930

Ion Ratio Lower Upper

152 100

115 52.2 26.4 79.2

150 152.5 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

150000

100000

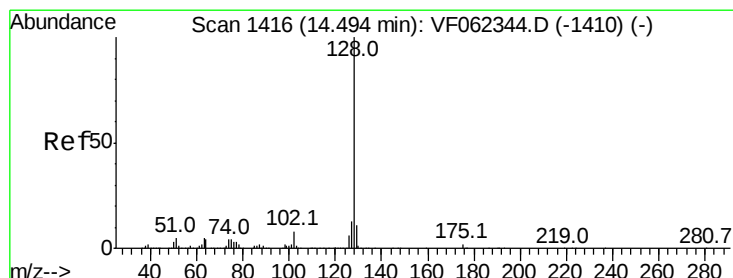
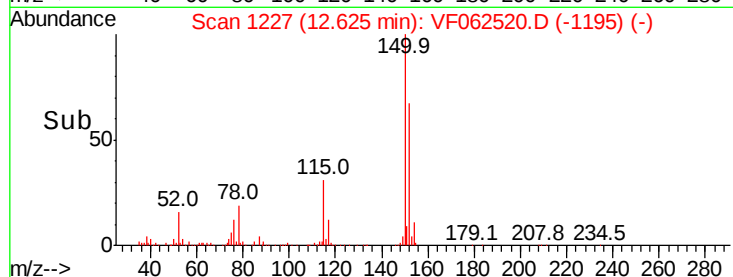
50000

0

12.63

12.50 12.60 12.70

Time-->



#95

Naphthalene

Concen: 2.479 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF062520.D

Acq: 13 May 2019 00:36

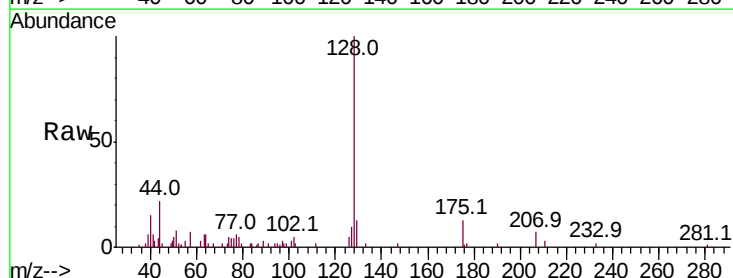
Tgt Ion:128 Resp: 11488

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 12.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

10000

8000

6000

4000

2000

0

14.50

14.40 14.50 14.60

Time-->

