

Data File : VF062484.D
Acq On : 12 May 2019 3:51
Operator : FY/SY
Sample : K2756-01
Misc : 4.36g/5mL/MSVOA_F/SOIL
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: May 12 05:27:36 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	5.08	168	82591	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	81988	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	50395	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	22343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	23324	29.88	ug/l	0.03
Spiked Amount	50.000		Recovery	=	59.76%	
35) Dibromofluoromethane	4.33	113	29962	45.87	ug/l	0.03
Spiked Amount	50.000		Recovery	=	91.74%	
50) Toluene-d8	7.73	98	49890	31.55	ug/l	0.03
Spiked Amount	50.000		Recovery	=	63.10%	
62) 4-Bromofluorobenzene	11.51	95	17585	24.65	ug/l	0.02
Spiked Amount	50.000		Recovery	=	49.30%	

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

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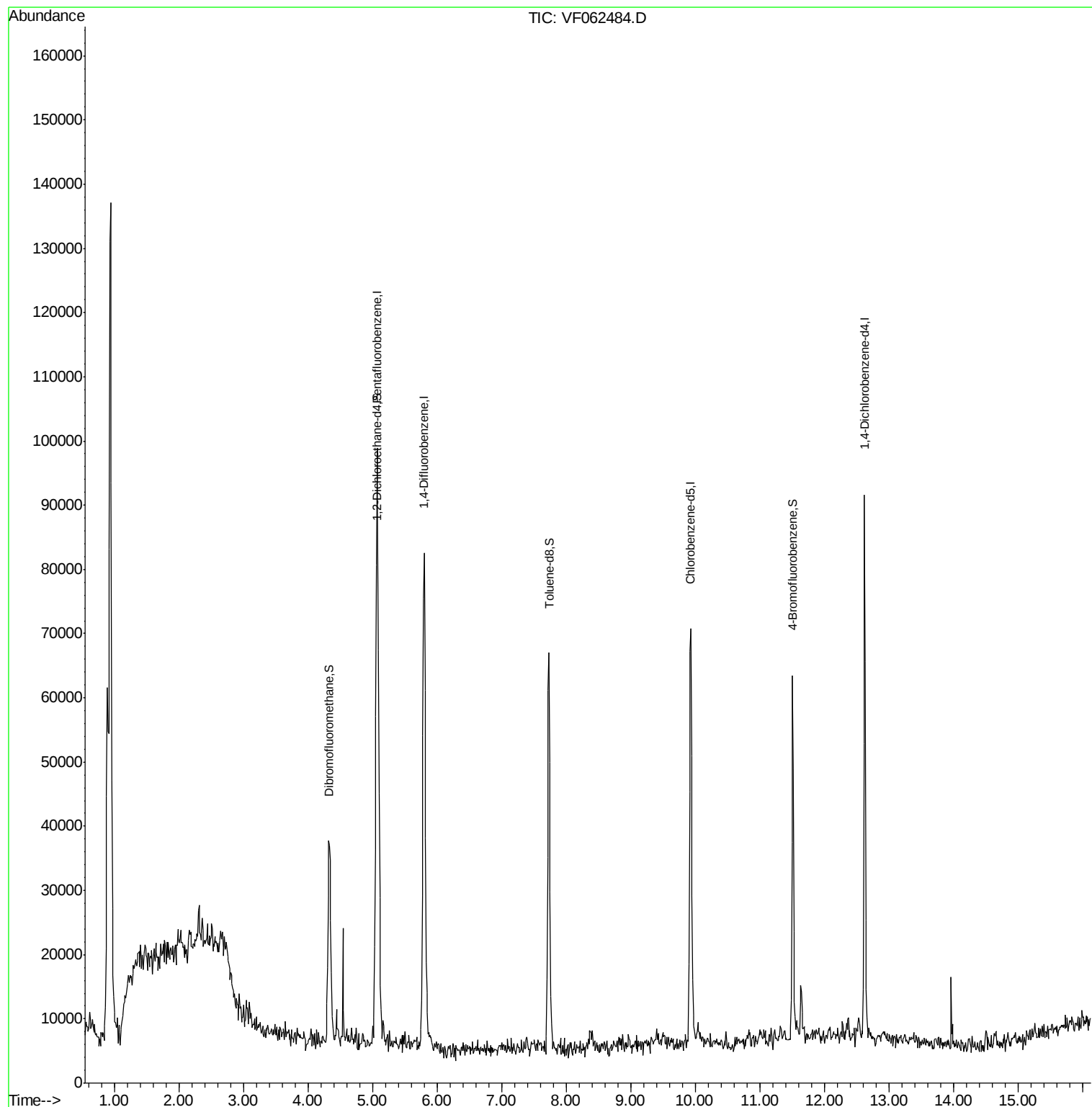
Quant Time: May 12 05:27:36 2019

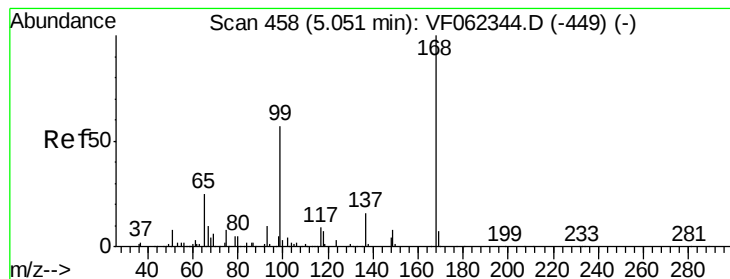
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M

Quant Title : SW846 8260

QLast Update : Tue May 07 04:34:57 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

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MSVOA_F

ClientSampleId :

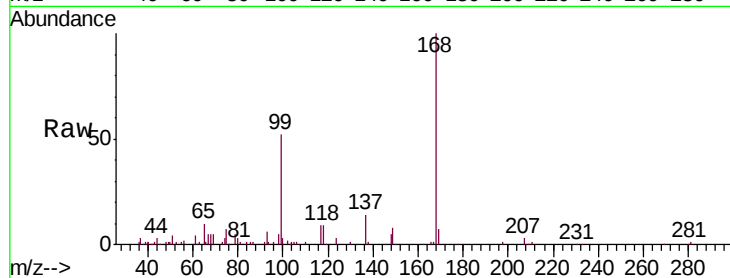
P021-SS005-0002-01

Tgt Ion:168 Resp: 82591

Ion Ratio Lower Upper

168 100

99 52.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.08

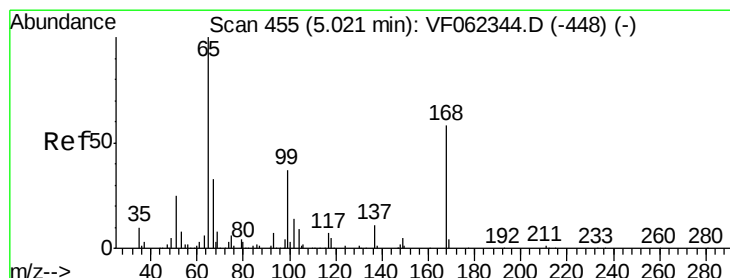
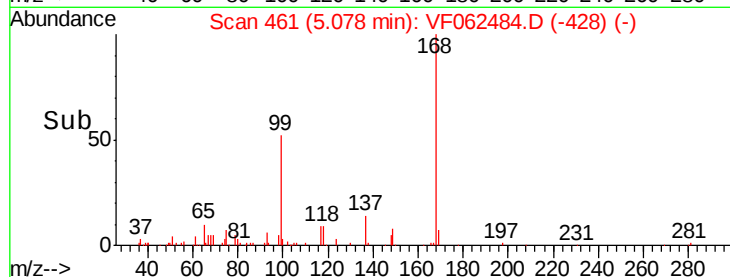
30000

20000

10000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 29.883 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062484.D

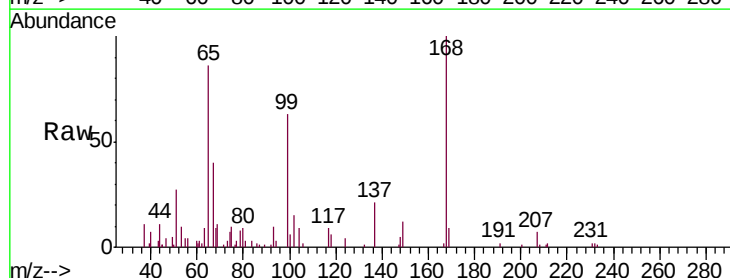
Acq: 12 May 2019 3:51

Tgt Ion: 65 Resp: 23324

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

5.05

8000

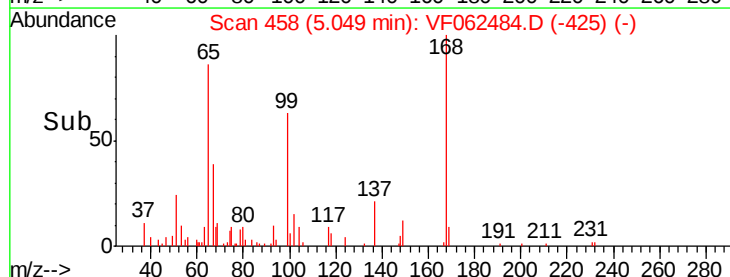
6000

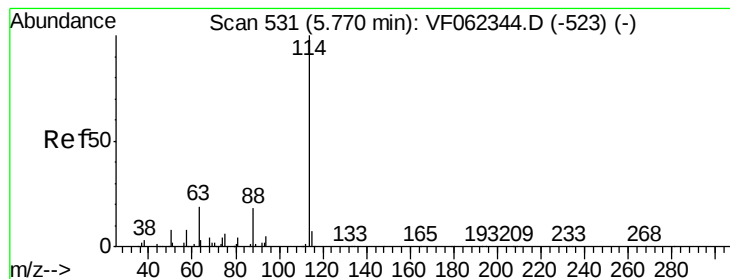
4000

2000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062484.D

Acq: 12 May 2019 3:51

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0002-01

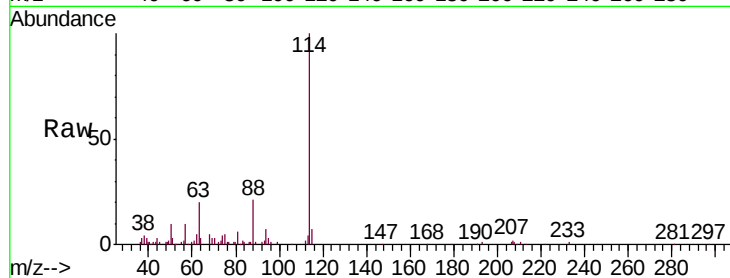
Tgt Ion:114 Resp: 81988

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

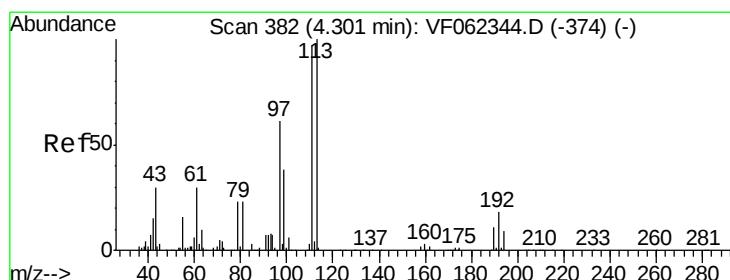
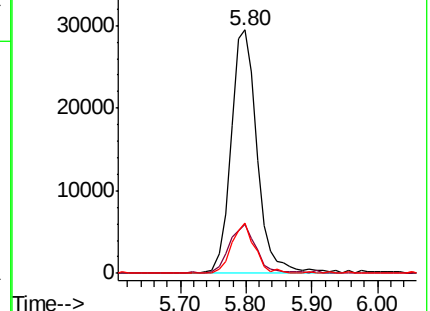
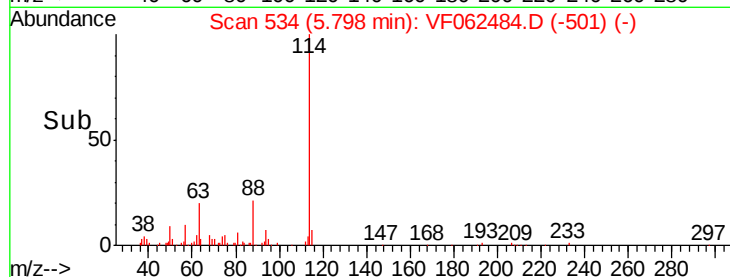
88 20.8 0.0 36.4



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: 45.871 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062484.D

Acq: 12 May 2019 3:51

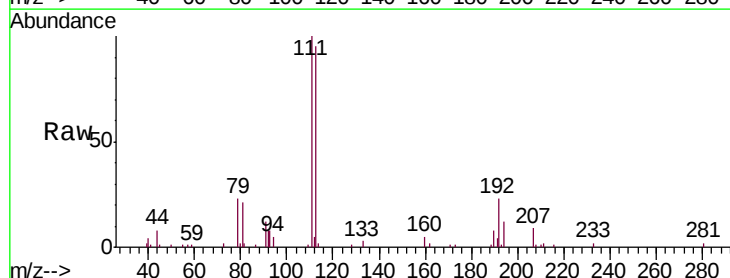
Tgt Ion:113 Resp: 29962

Ion Ratio Lower Upper

113 100

111 98.2 79.4 119.0

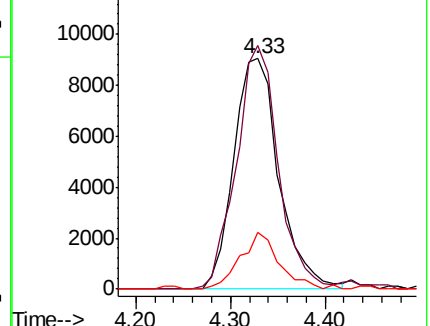
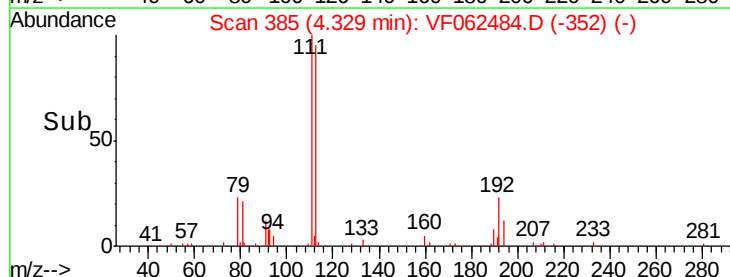
192 21.2 16.0 24.0

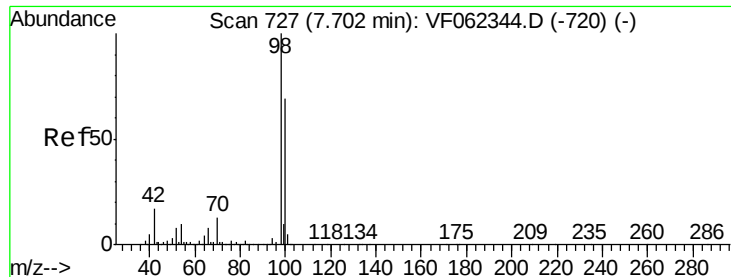


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 31.553 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

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MSVOA_F

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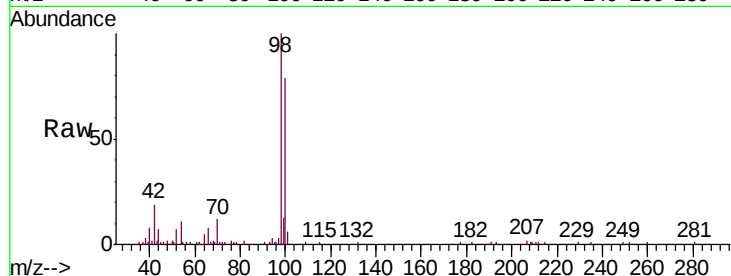
P021-SS005-0002-01

Tgt Ion: 98 Resp: 49890

Ion Ratio Lower Upper

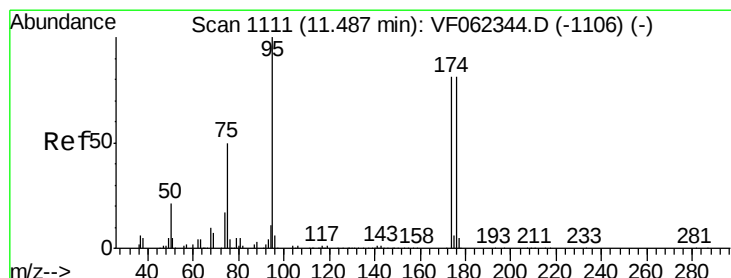
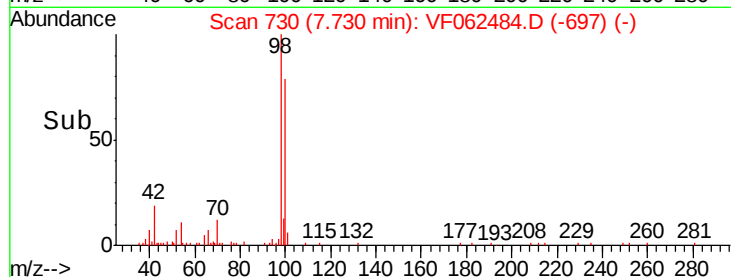
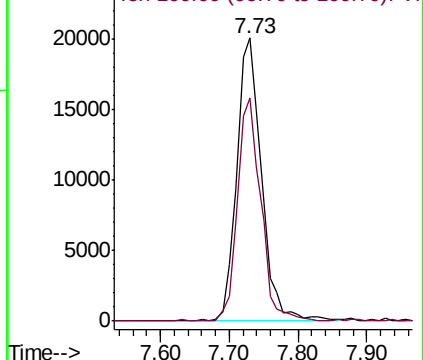
98 100

100 73.8 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: 24.651 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062484.D

Acq: 12 May 2019 3:51

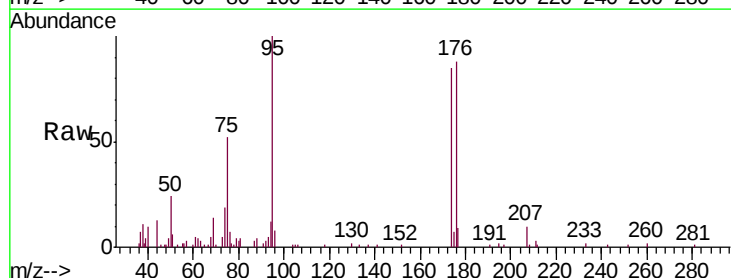
Tgt Ion: 95 Resp: 17585

Ion Ratio Lower Upper

95 100

174 102.0 0.0 191.8

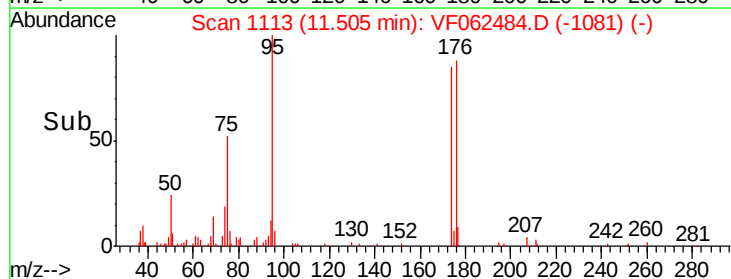
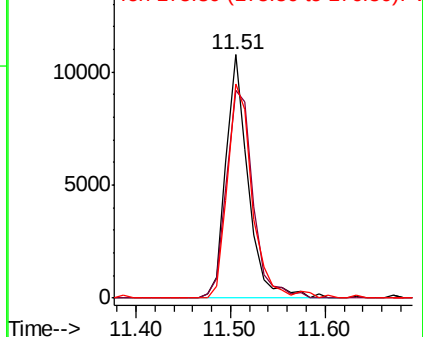
176 98.3 0.0 193.2

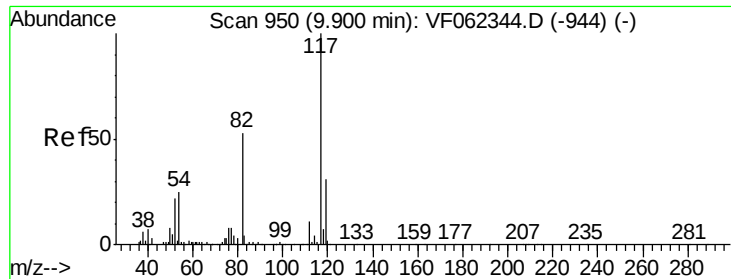


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

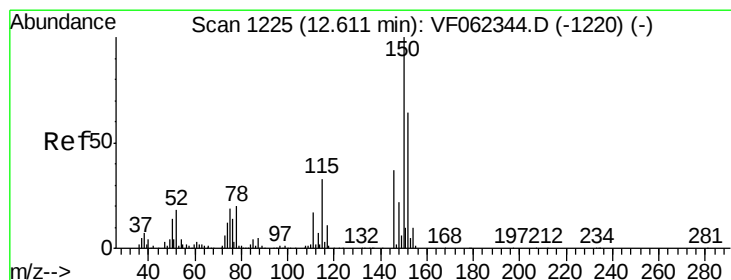
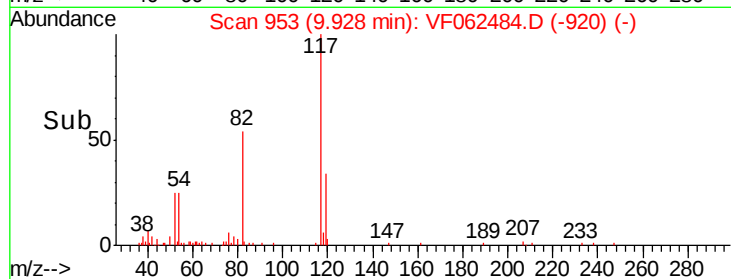
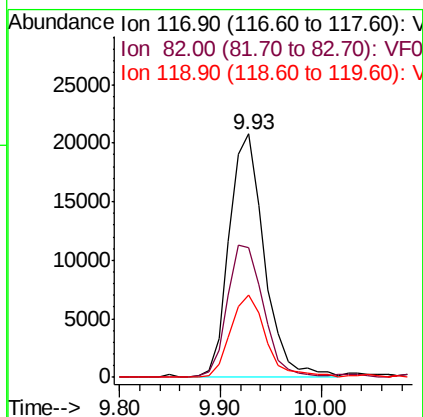
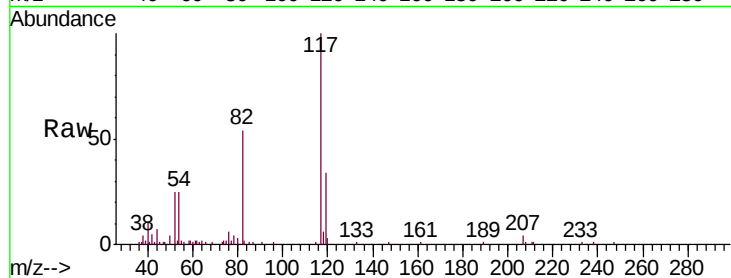




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062484.D
Acq: 12 May 2019 3:51

Instrument :
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P021-SS005-0002-01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.2	63.2
119	33.6	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062484.D
Acq: 12 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	26.4	79.2
150	158.6	0.0	335.0

