

Data File : VF062481.D
Acq On : 12 May 2019 2:27
Operator : FY/SY
Sample : K2733-19
Misc : 5.19g/5mL/MSVOA_F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Quant Time: May 12 05:17:26 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	256582	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	338370	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	234881	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	107413	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	127279	52.49	ug/l	0.03
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	4.32	113	142254	52.77	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	7.72	98	233384	35.77	ug/l	0.02
Spiked Amount	50.000		Recovery	=	71.54%	
62) 4-Bromofluorobenzene	11.50	95	94290	32.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	64.06%	

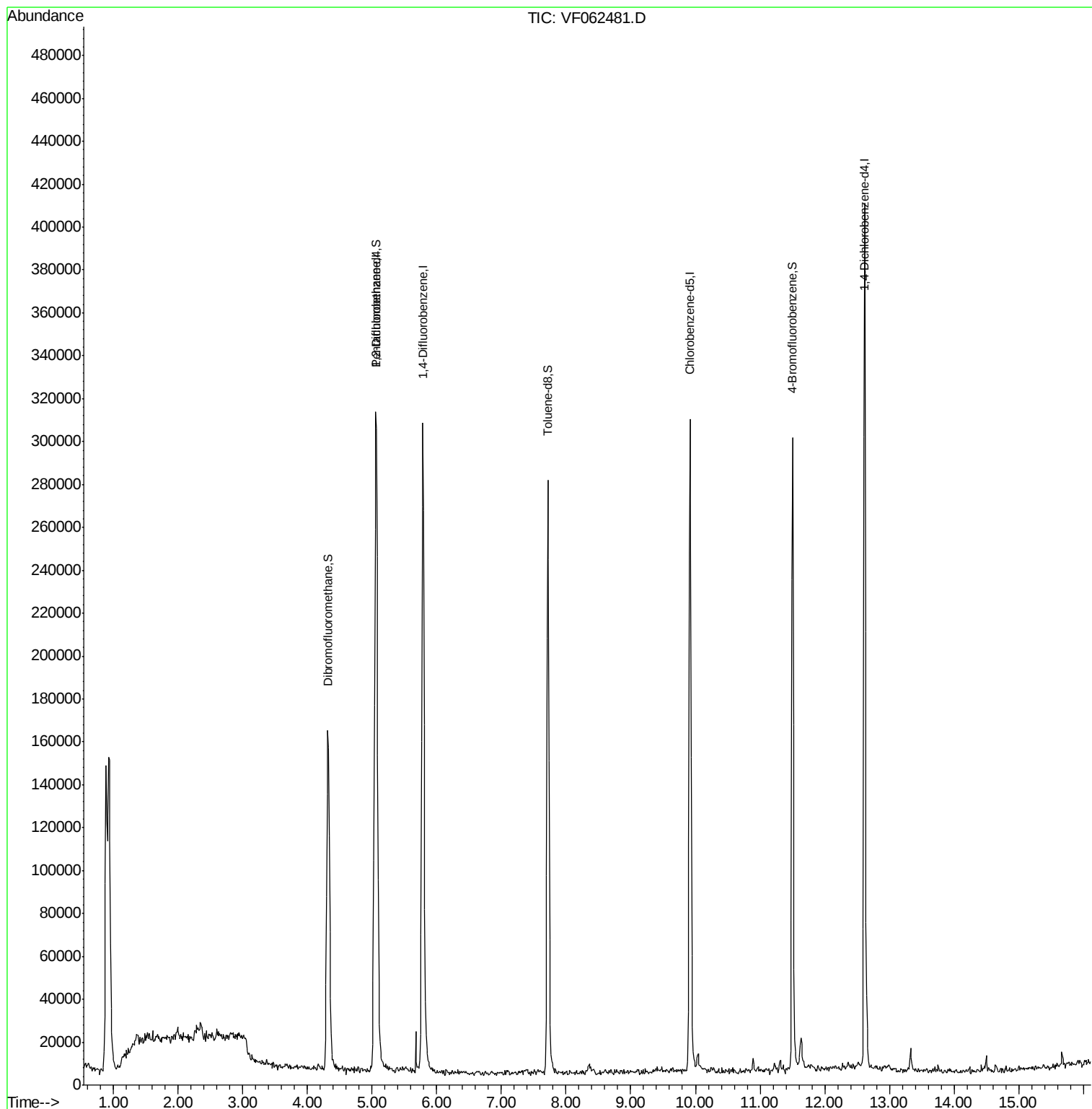
Target Compounds Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

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ClientSampleId :

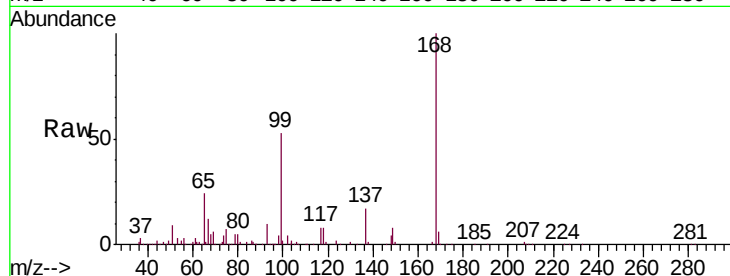
P021-SS004-0002-01

Tgt Ion:168 Resp: 256582

Ion Ratio Lower Upper

168 100

99 53.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

80000

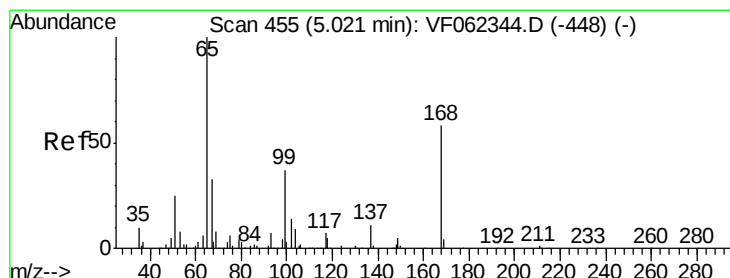
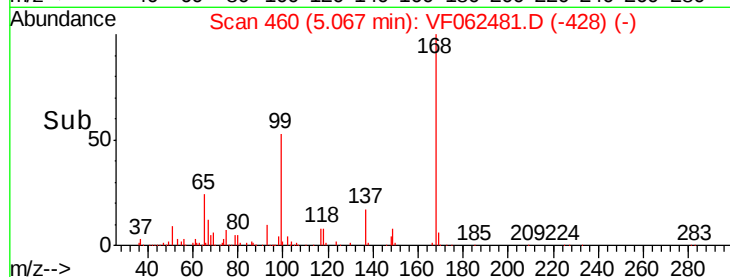
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 52.490 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062481.D

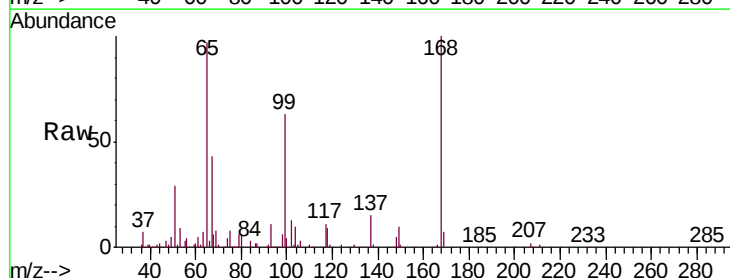
Acq: 12 May 2019 2:27

Tgt Ion: 65 Resp: 127279

Ion Ratio Lower Upper

65 100

67 45.6 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

50000

40000

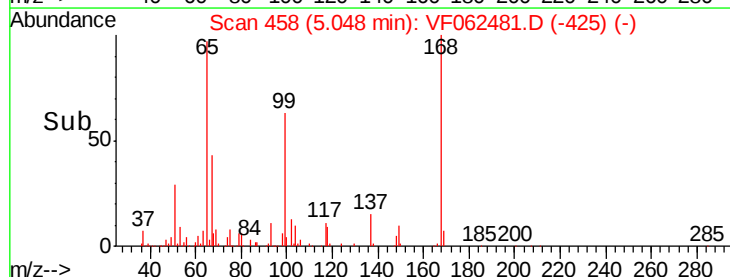
30000

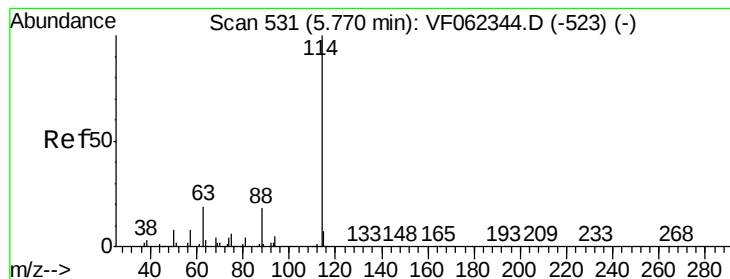
20000

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# 533

Delta R.T. 0.02 min

Lab File: VF062481.D

Acq: 12 May 2019 2:27

Instrument :

MSVOA_F

ClientSampleId :

P021-SS004-0002-01

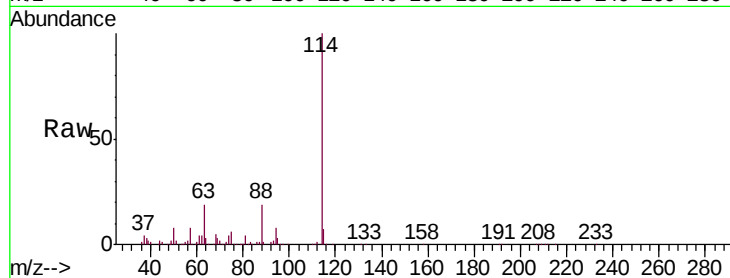
Tgt Ion:114 Resp: 338370

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

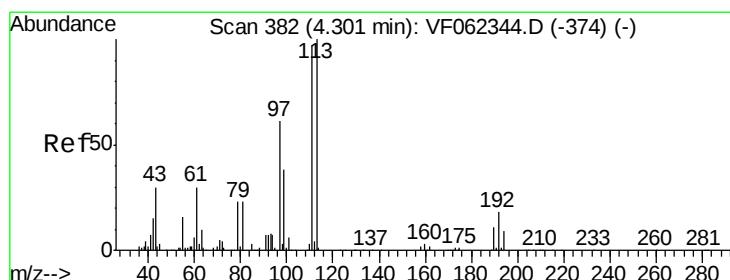
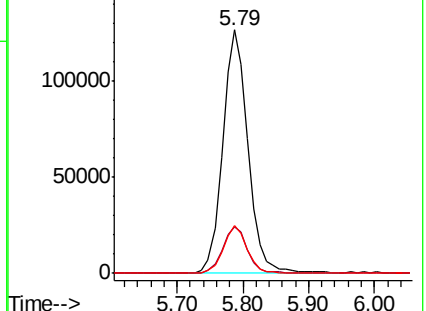
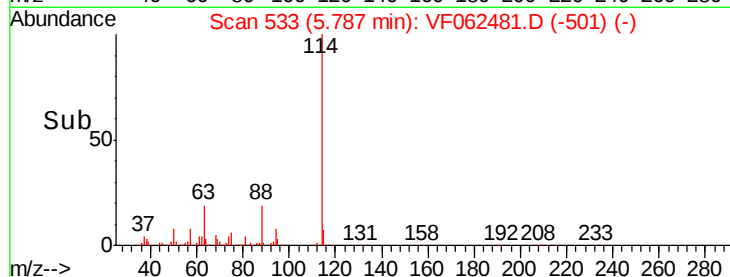
88 19.5 0.0 36.4



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: 52.770 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062481.D

Acq: 12 May 2019 2:27

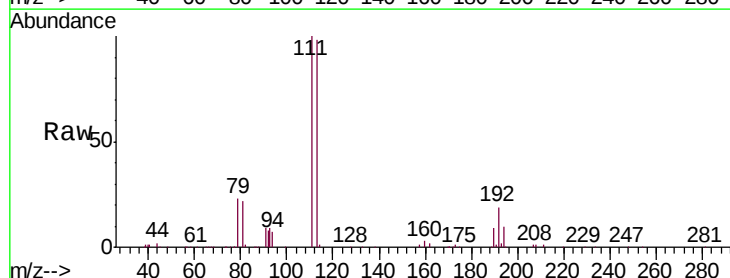
Tgt Ion:113 Resp: 142254

Ion Ratio Lower Upper

113 100

111 101.3 79.4 119.0

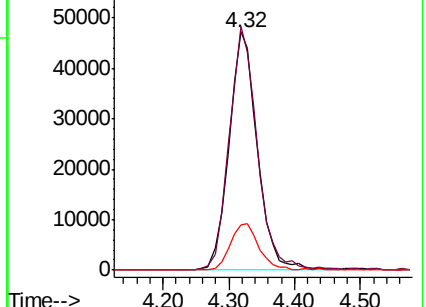
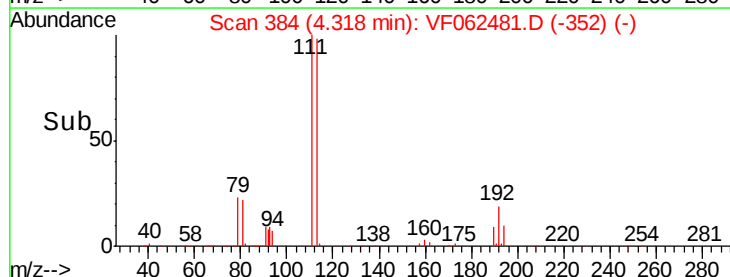
192 19.8 16.0 24.0

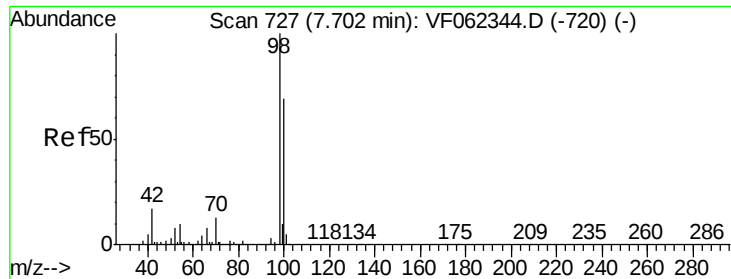


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

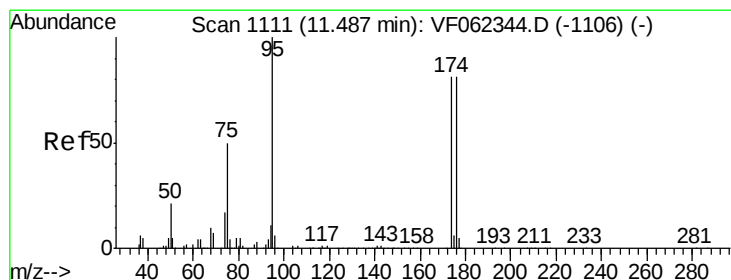
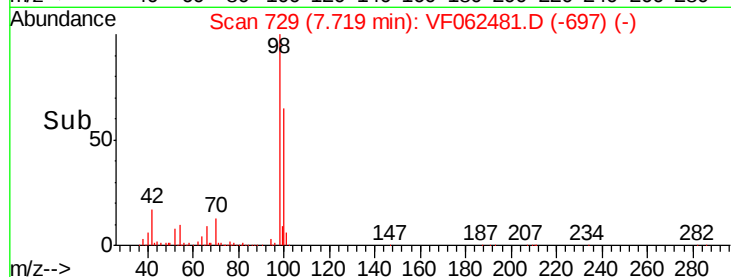
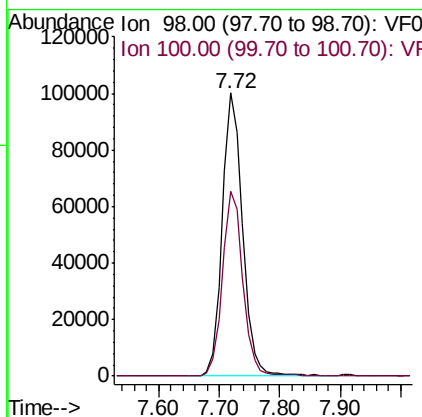
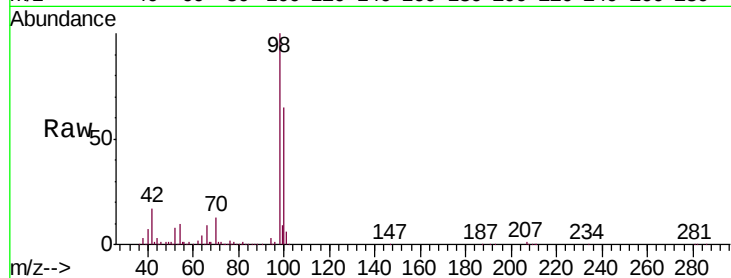




#50
Toluene-d8
Concen: 35.765 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

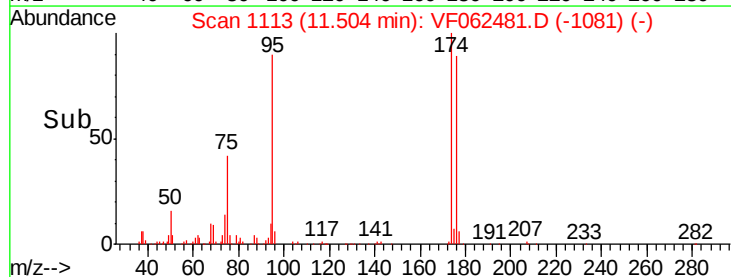
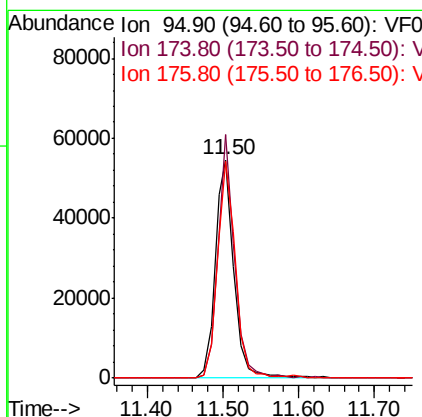
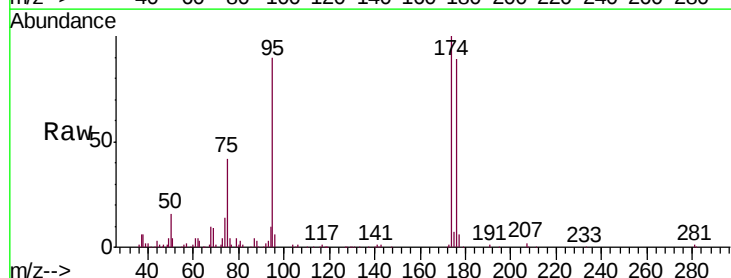
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P021-SS004-0002-01

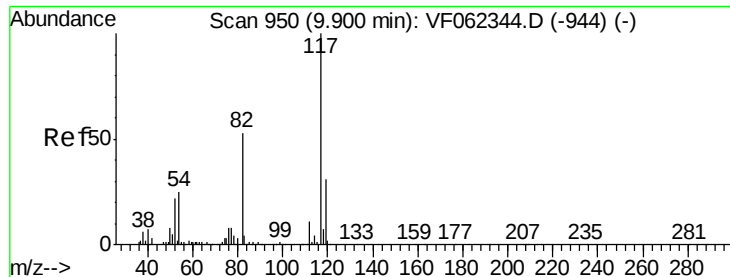
Tgt Ion: 98 Resp: 233384
Ion Ratio Lower Upper
98 100
100 65.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 32.027 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 95 Resp: 94290
Ion Ratio Lower Upper
95 100
174 100.5 0.0 191.8
176 96.7 0.0 193.2

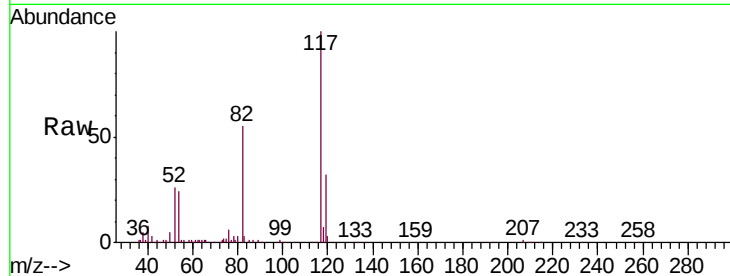




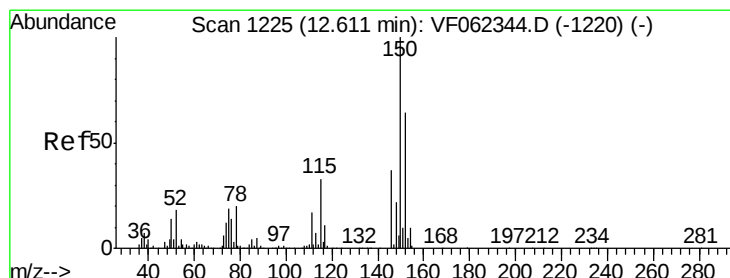
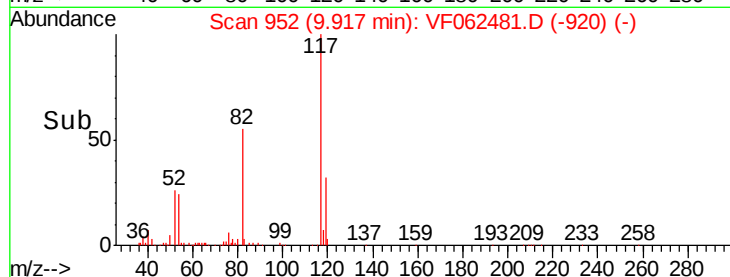
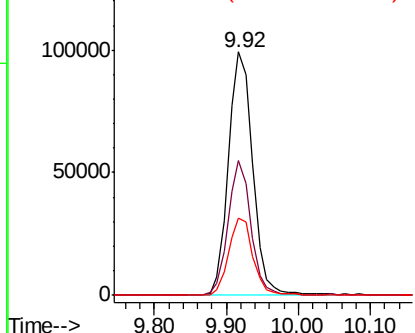
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.2	63.2
119	31.7	25.0	37.4

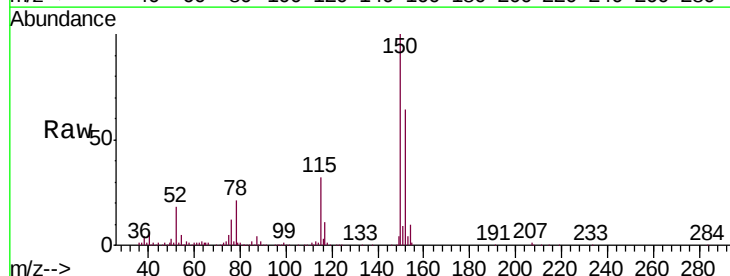


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.4	79.2
150	156.7	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

