

Data File : VF062479.D
Acq On : 12 May 2019 1:31
Operator : FY/SY
Sample : K2733-17
Misc : 5.29g/5mL/MSVOA_F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1218-01

Quant Time: May 12 05:15:12 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	235128	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	328031	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	271289	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	150702	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	113182	50.94	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.88%	
35) Dibromofluoromethane	4.32	113	139173	53.25	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	7.72	98	245840	38.86	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.72%	
62) 4-Bromofluorobenzene	11.51	95	110628	38.76	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.52%	

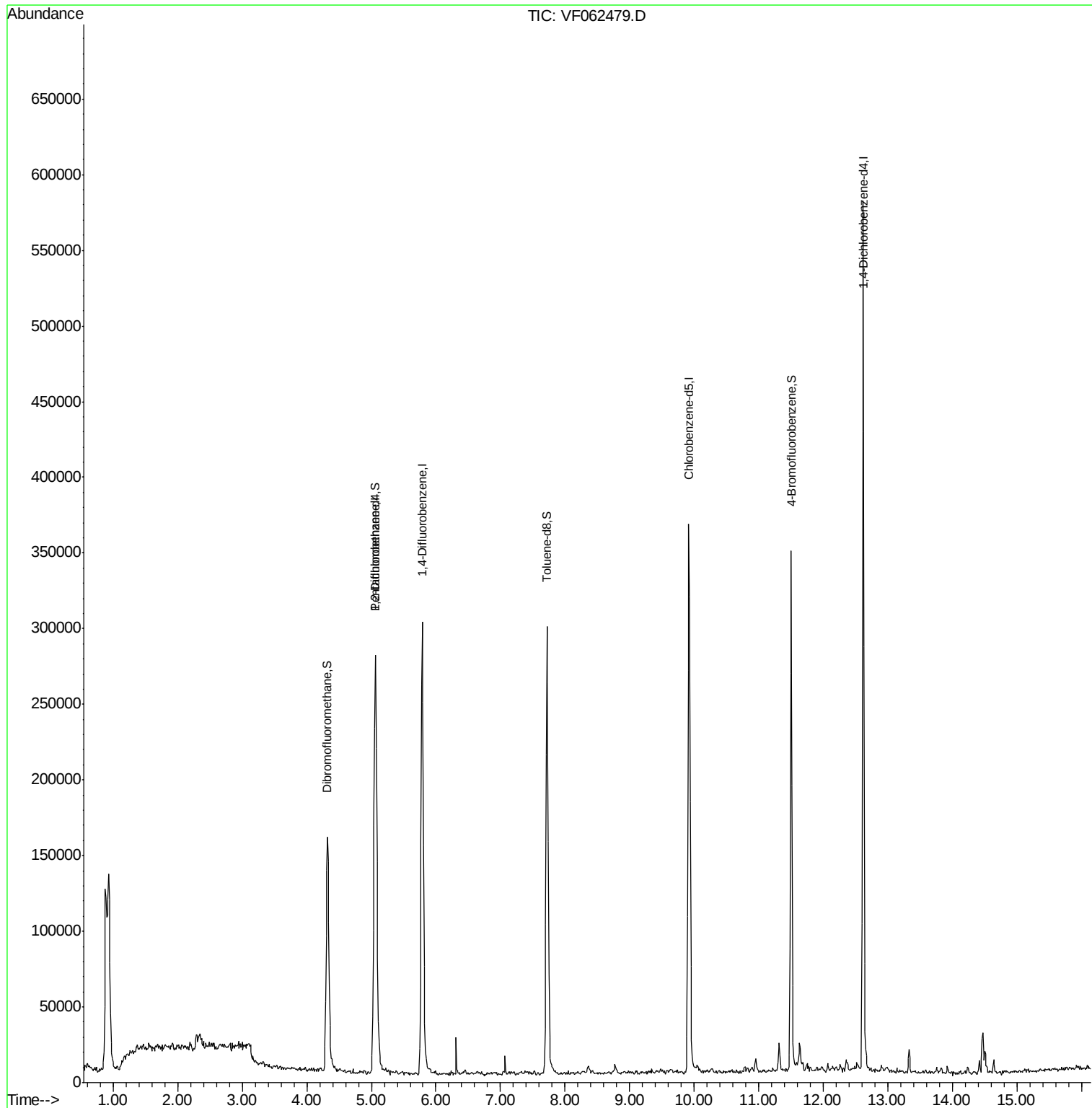
Target Compounds Qvalue

(#) = 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 :

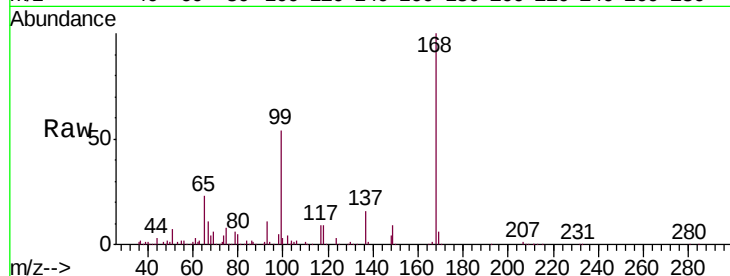
P021-SS003-1218-01

Tgt Ion:168 Resp: 235128

Ion Ratio Lower Upper

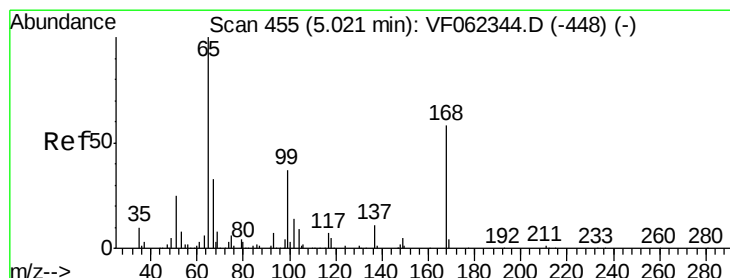
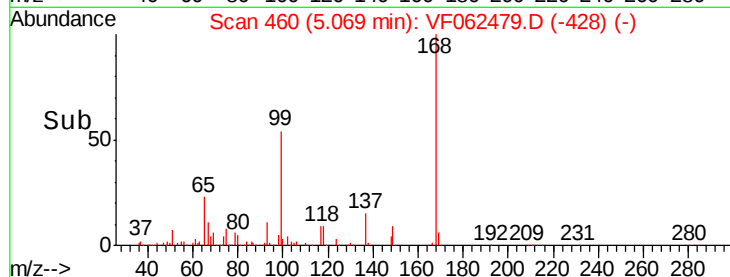
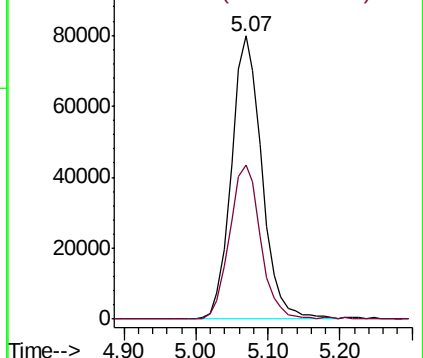
168 100

99 54.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 50.936 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062479.D

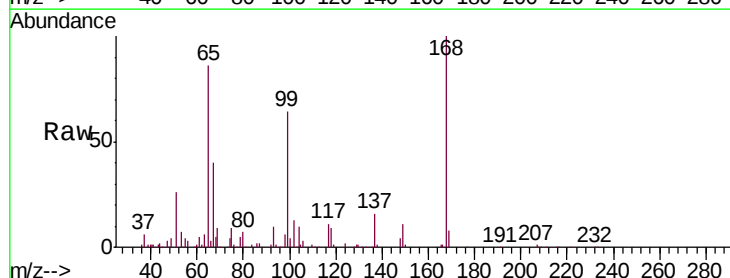
Acq: 12 May 2019 1:31

Tgt Ion: 65 Resp: 113182

Ion Ratio Lower Upper

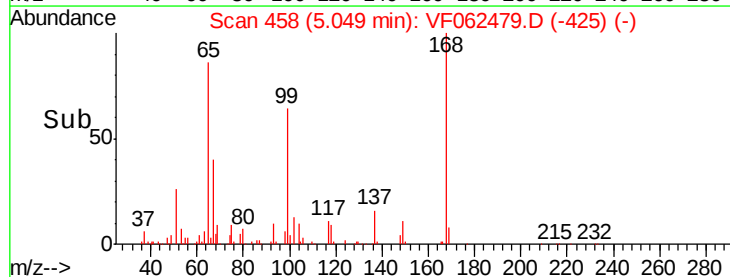
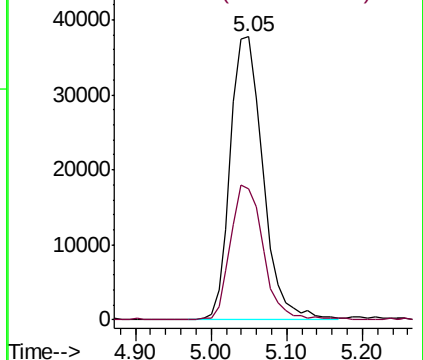
65 100

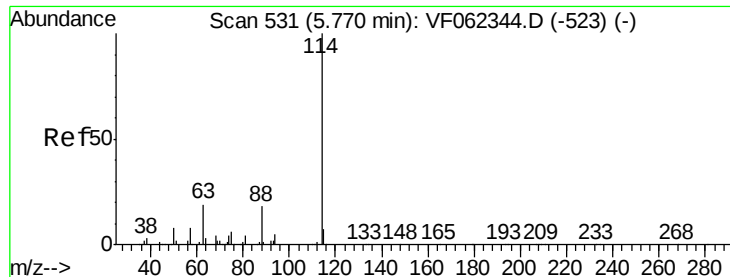
67 48.1 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062479.D

Acq: 12 May 2019 1:31

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1218-01

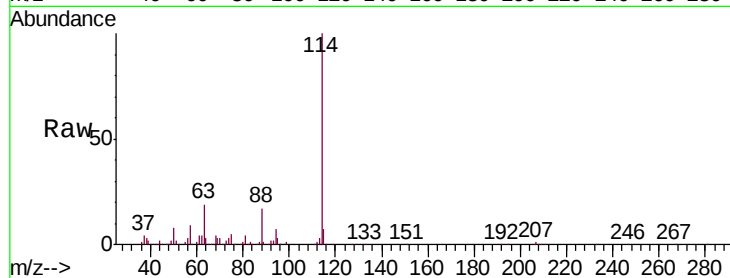
Tgt Ion:114 Resp: 328031

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

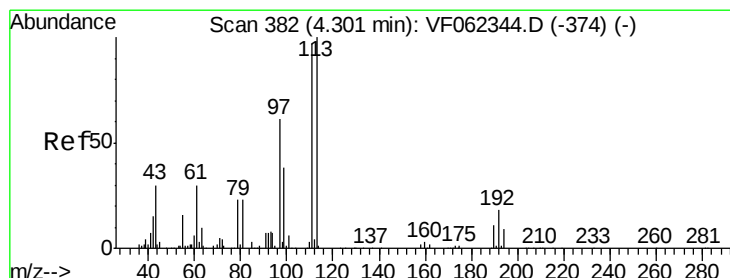
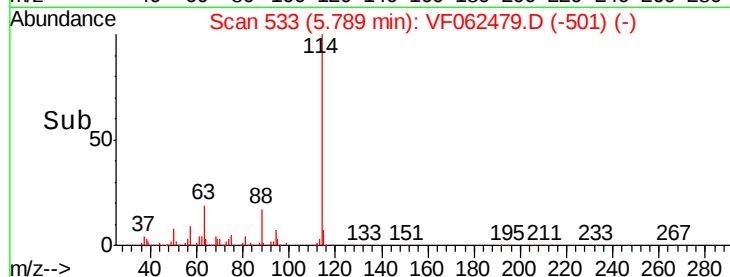
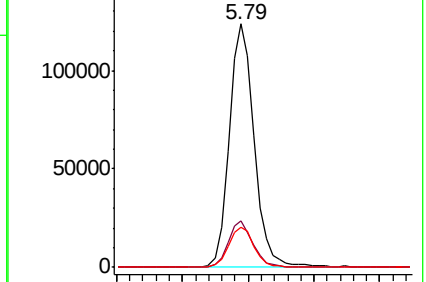
88 16.7 0.0 36.4



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: 53.254 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062479.D

Acq: 12 May 2019 1:31

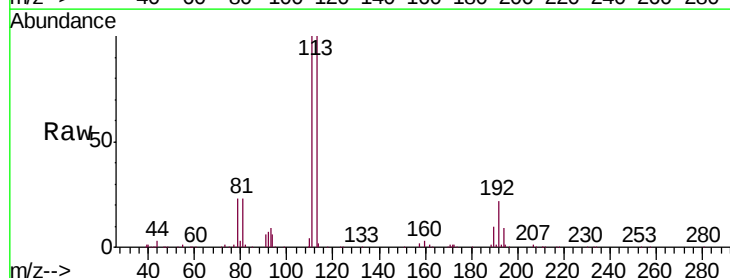
Tgt Ion:113 Resp: 139173

Ion Ratio Lower Upper

113 100

111 101.0 79.4 119.0

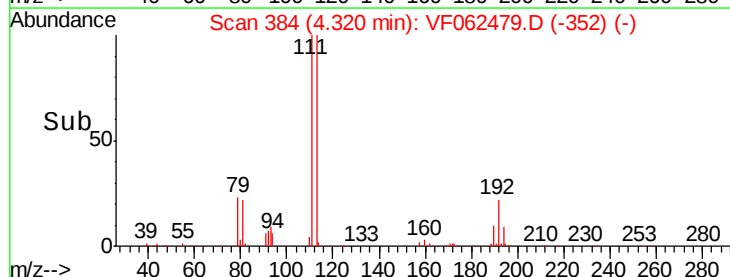
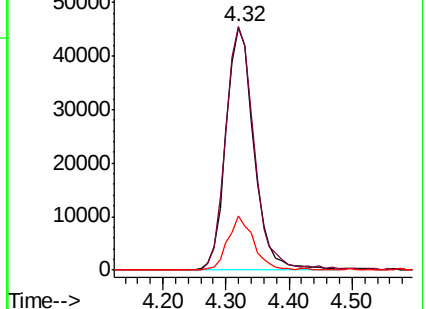
192 20.7 16.0 24.0

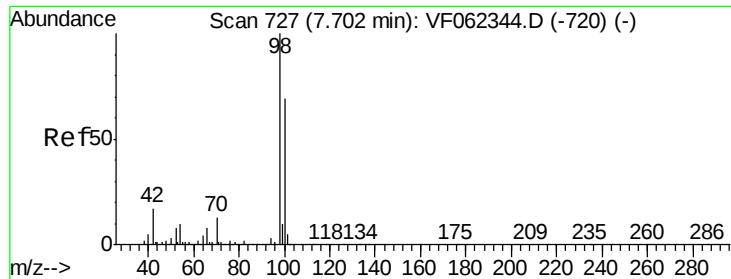


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.862 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

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Acq: 12 May 2019 1:31

Instrument :

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ClientSampleId :

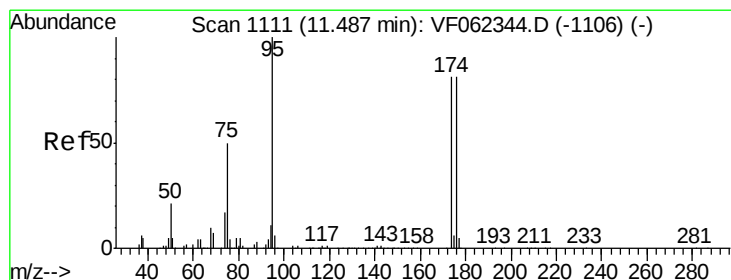
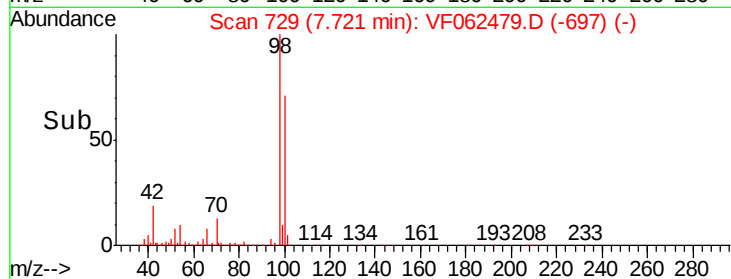
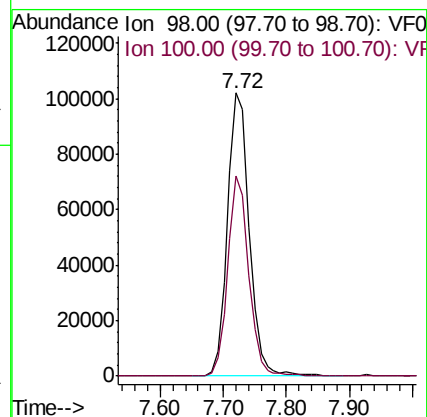
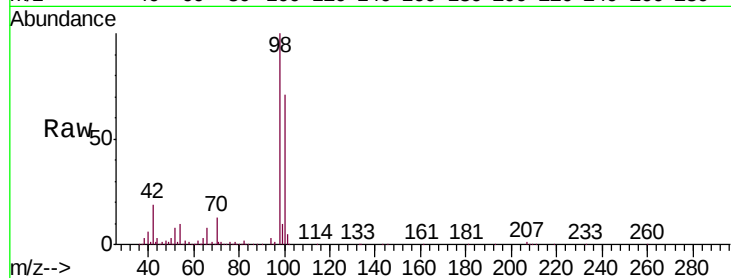
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Tgt Ion: 98 Resp: 245840

Ion Ratio Lower Upper

98 100

100 67.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 38.761 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062479.D

Acq: 12 May 2019 1:31

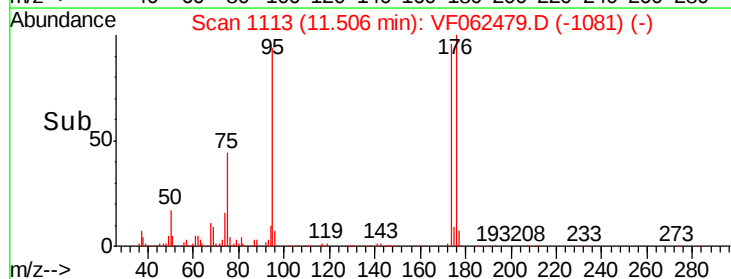
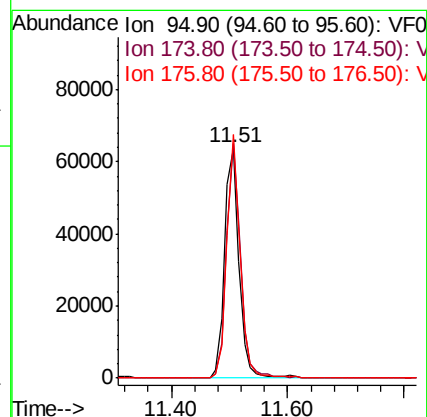
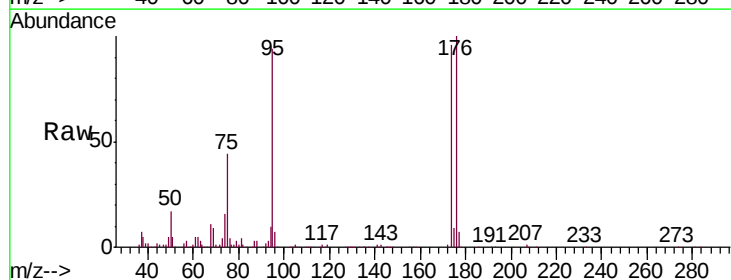
Tgt Ion: 95 Resp: 110628

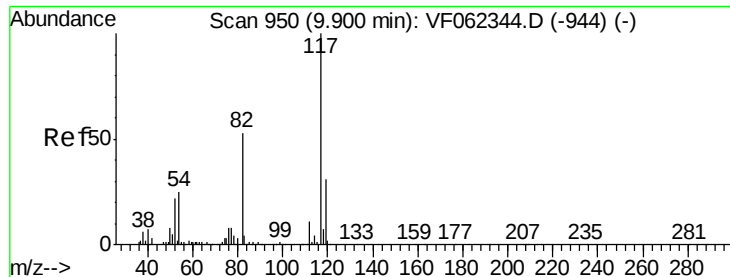
Ion Ratio Lower Upper

95 100

174 98.5 0.0 191.8

176 97.4 0.0 193.2

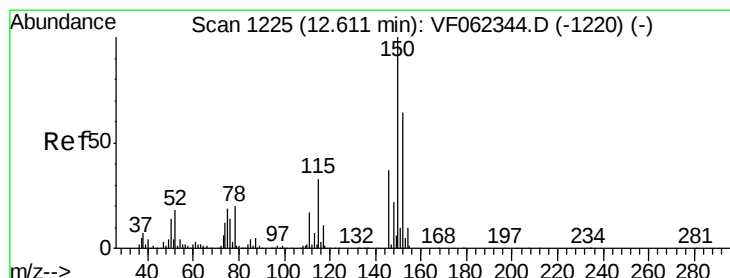
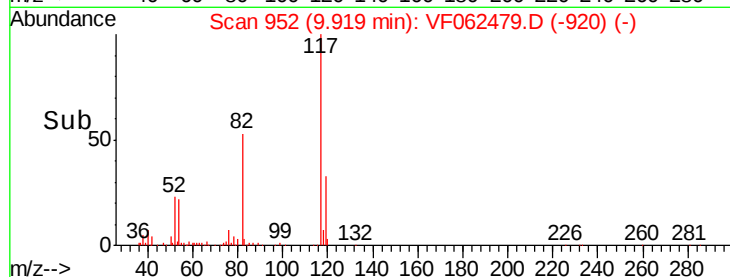
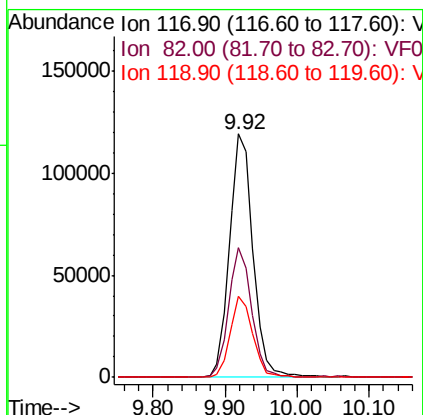
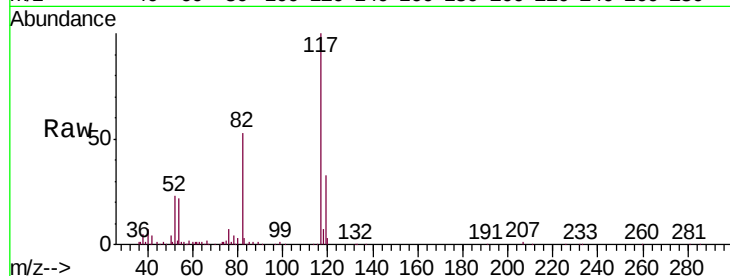




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062479.D
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MSVOA_F
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P021-SS003-1218-01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.2
119	33.2	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: VF062479.D
Acq: 12 May 2019 1:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.4	79.2
150	158.2	0.0	335.0

