

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062532.D
 Acq On : 13 May 2019 6:12
 Operator : FY/SY
 Sample : K2734-13
 Misc : 4.19g/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS013-0612-01

Quant Time: May 13 07:59:24 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	158102	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	178112	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	138502	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	55345	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	56760	37.99	ug/l	0.04
Spiked Amount			Recovery	=	75.98%	
35) Dibromofluoromethane	4.33	113	71161	50.15	ug/l	0.03
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	7.73	98	135929	39.57	ug/l	0.03
Spiked Amount			Recovery	=	79.14%	
62) 4-Bromofluorobenzene	11.51	95	45622	29.44	ug/l	0.02
Spiked Amount			Recovery	=	58.88%	

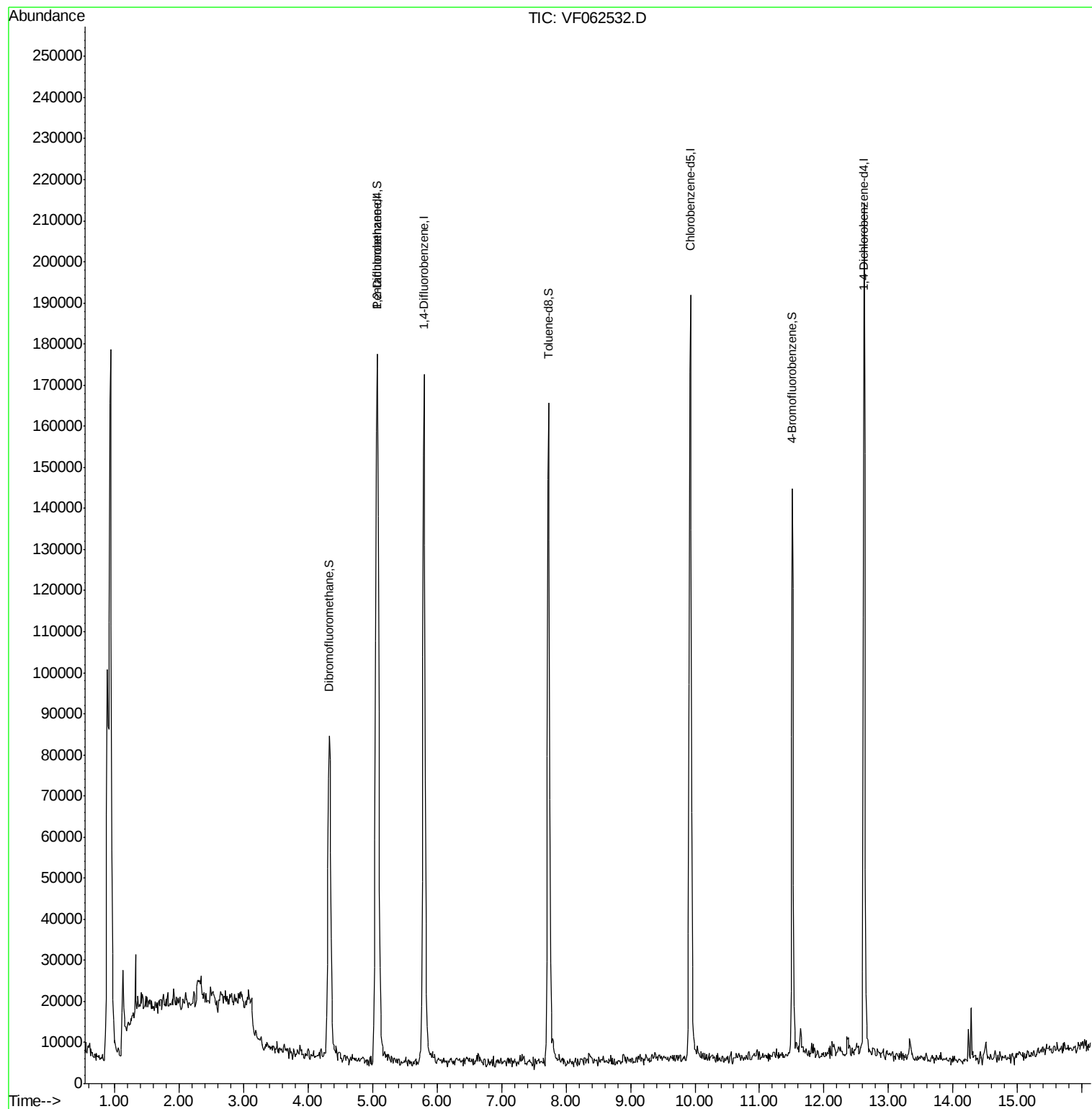
Target Compounds	Qvalue

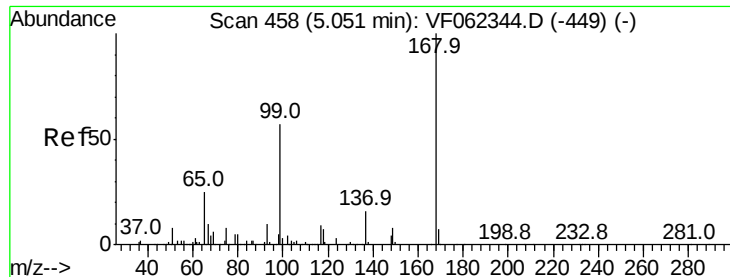
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062532.D

Acq: 13 May 2019 6:12

Instrument :

MSVOA_F

ClientSampleId :

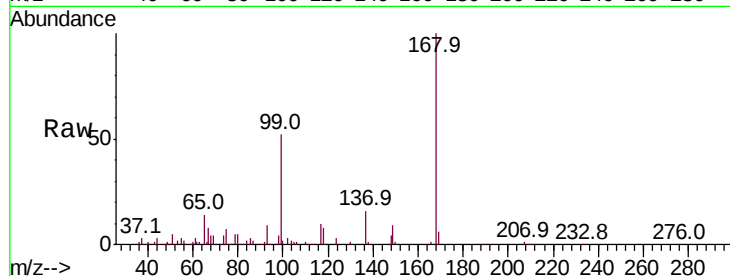
P026-SS013-0612-01

Tot Ion:168 Resp: 158102

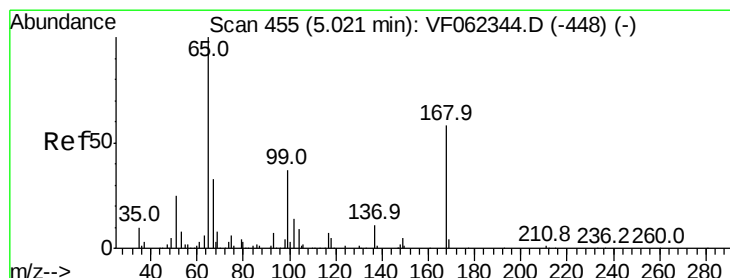
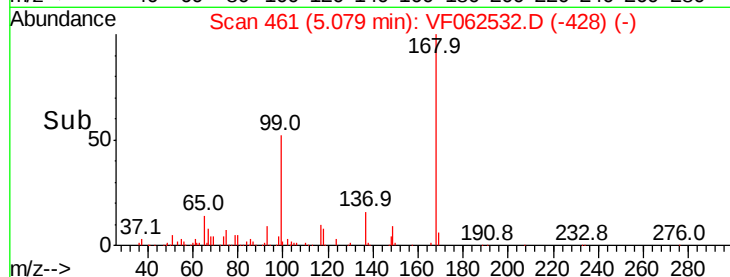
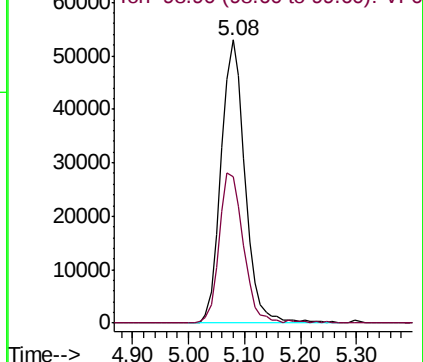
Ion Ratio Lower Upper

168 100

99 51.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 37.989 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.04 min

Lab File: VF062532.D

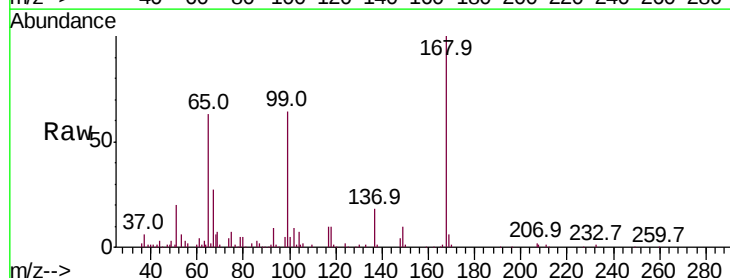
Acq: 13 May 2019 6:12

Tgt Ion: 65 Resp: 56760

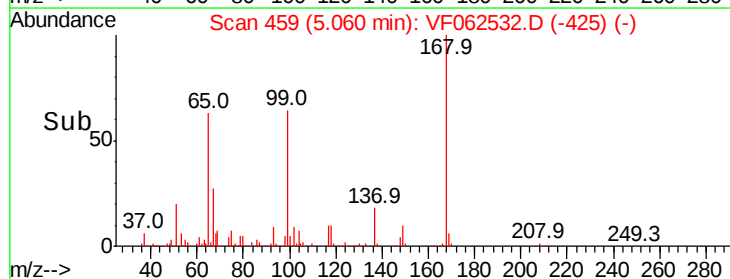
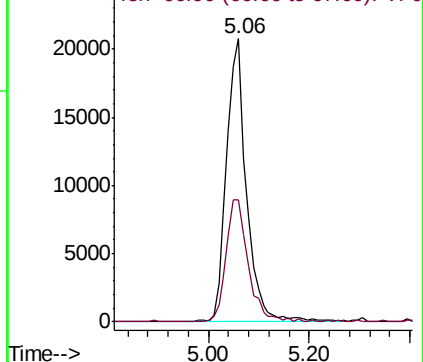
Ion Ratio Lower Upper

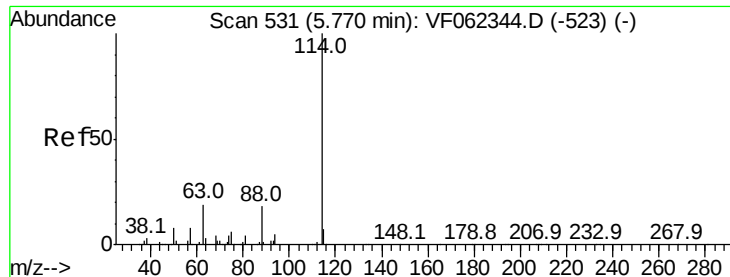
65 100

67 47.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062532.D

Acq: 13 May 2019 6:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS013-0612-01

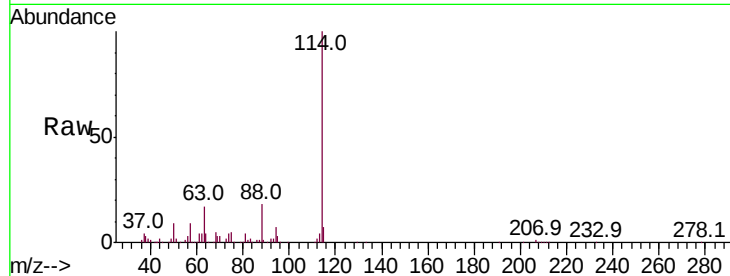
Tot Ion:114 Resp: 178112

Ion Ratio Lower Upper

114 100

63 16.9 0.0 37.4

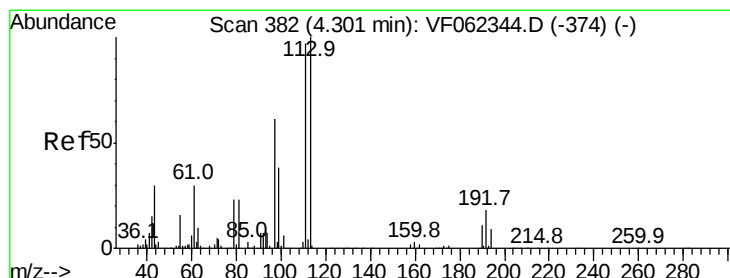
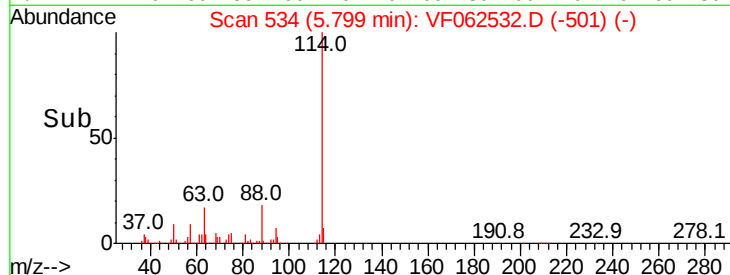
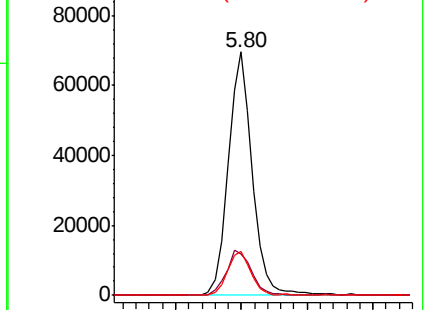
88 18.0 0.0 36.4



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: 50.149 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062532.D

Acq: 13 May 2019 6:12

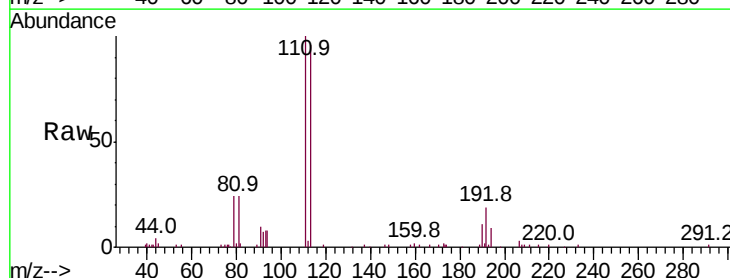
Tgt Ion:113 Resp: 71161

Ion Ratio Lower Upper

113 100

111 97.5 79.4 119.0

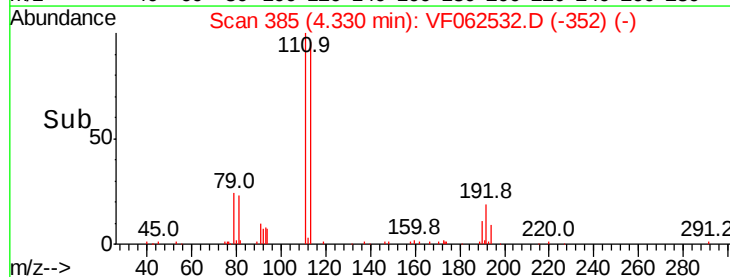
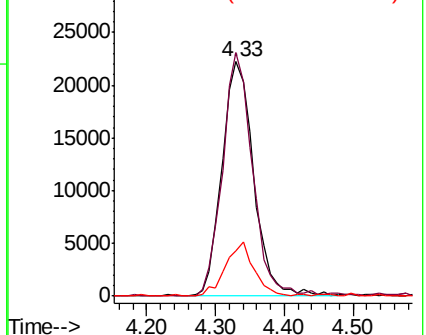
192 20.8 16.0 24.0

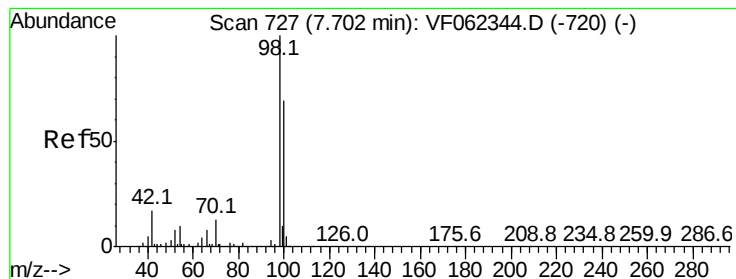


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.573 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062532.D

Acq: 13 May 2019 6:12

Instrument :

MSVOA_F

ClientSampleId :

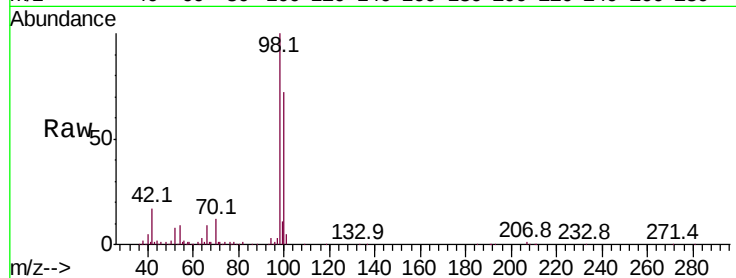
P026-SS013-0612-01

Tot Ion: 98 Resp: 135929

Ion Ratio Lower Upper

98 100

100 67.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

60000

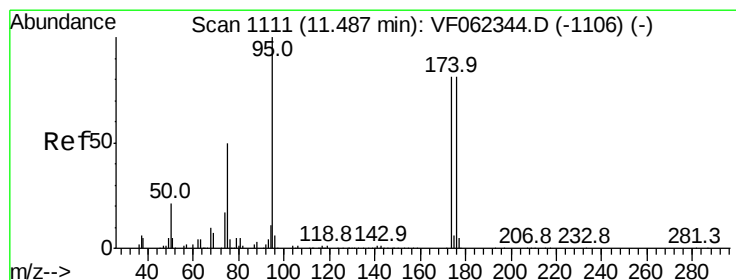
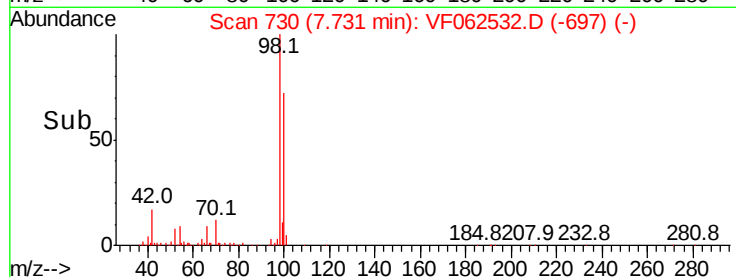
40000

20000

0

7.60 7.70 7.80 7.90

Time-->



#62

4-Bromofluorobenzene

Concen: 29.439 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062532.D

Acq: 13 May 2019 6:12

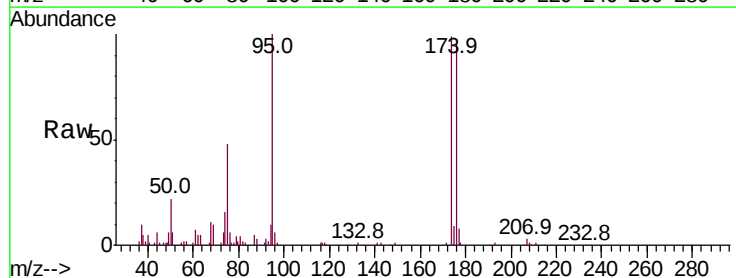
Tgt Ion: 95 Resp: 45622

Ion Ratio Lower Upper

95 100

174 101.6 0.0 191.8

176 99.2 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

30000

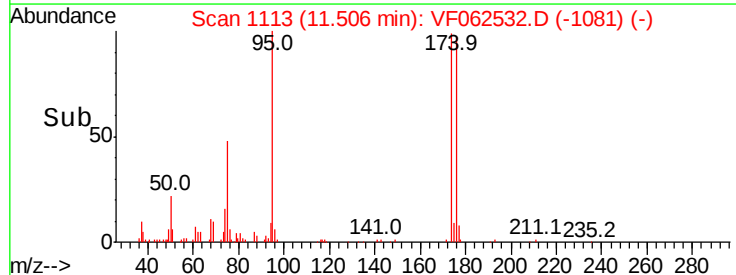
20000

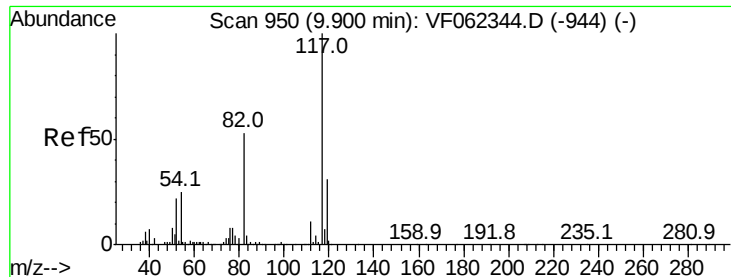
10000

0

11.40 11.50 11.60

Time-->

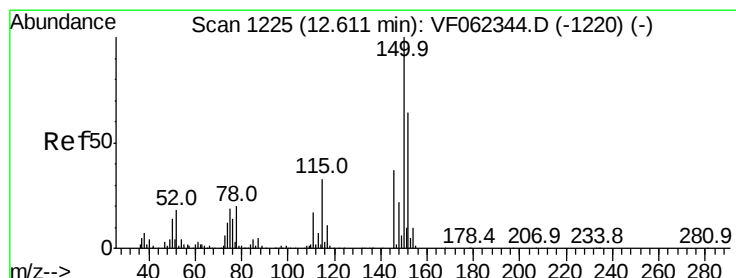
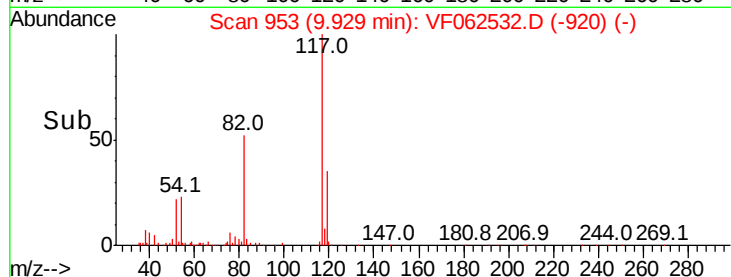
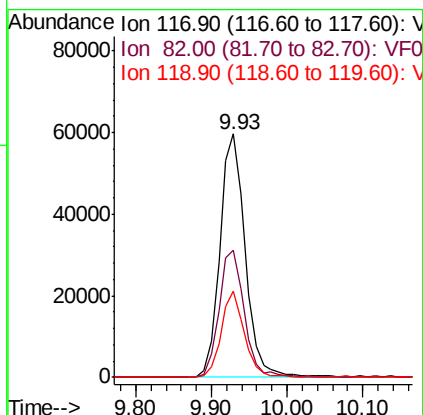
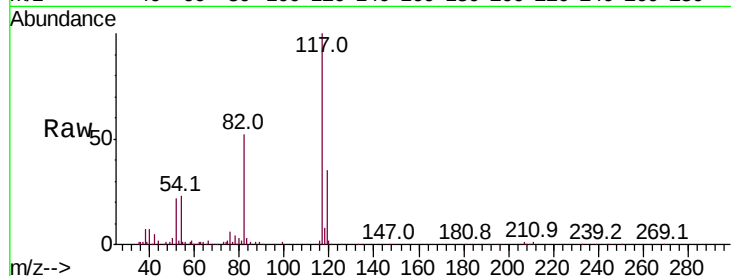




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.2
119	35.4	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: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	26.4	79.2
150	155.3	0.0	335.0

