

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062254.D
 Acq On : 22 Apr 2019 19:41
 Operator : FY/SY
 Sample : K2465-01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Q-COMP-4.18.19

Quant Time: Apr 23 01:58:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	297104	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	414584	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	297476	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	149576	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	129716	47.61	ug/l	0.02
Spiked Amount			Recovery	=	95.22%	
35) Dibromofluoromethane	4.31	113	183287	50.54	ug/l	0.01
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	7.71	98	357030	38.89	ug/l	0.01
Spiked Amount			Recovery	=	77.78%	
62) 4-Bromofluorobenzene	11.50	95	149627	42.37	ug/l	0.01
Spiked Amount			Recovery	=	84.74%	

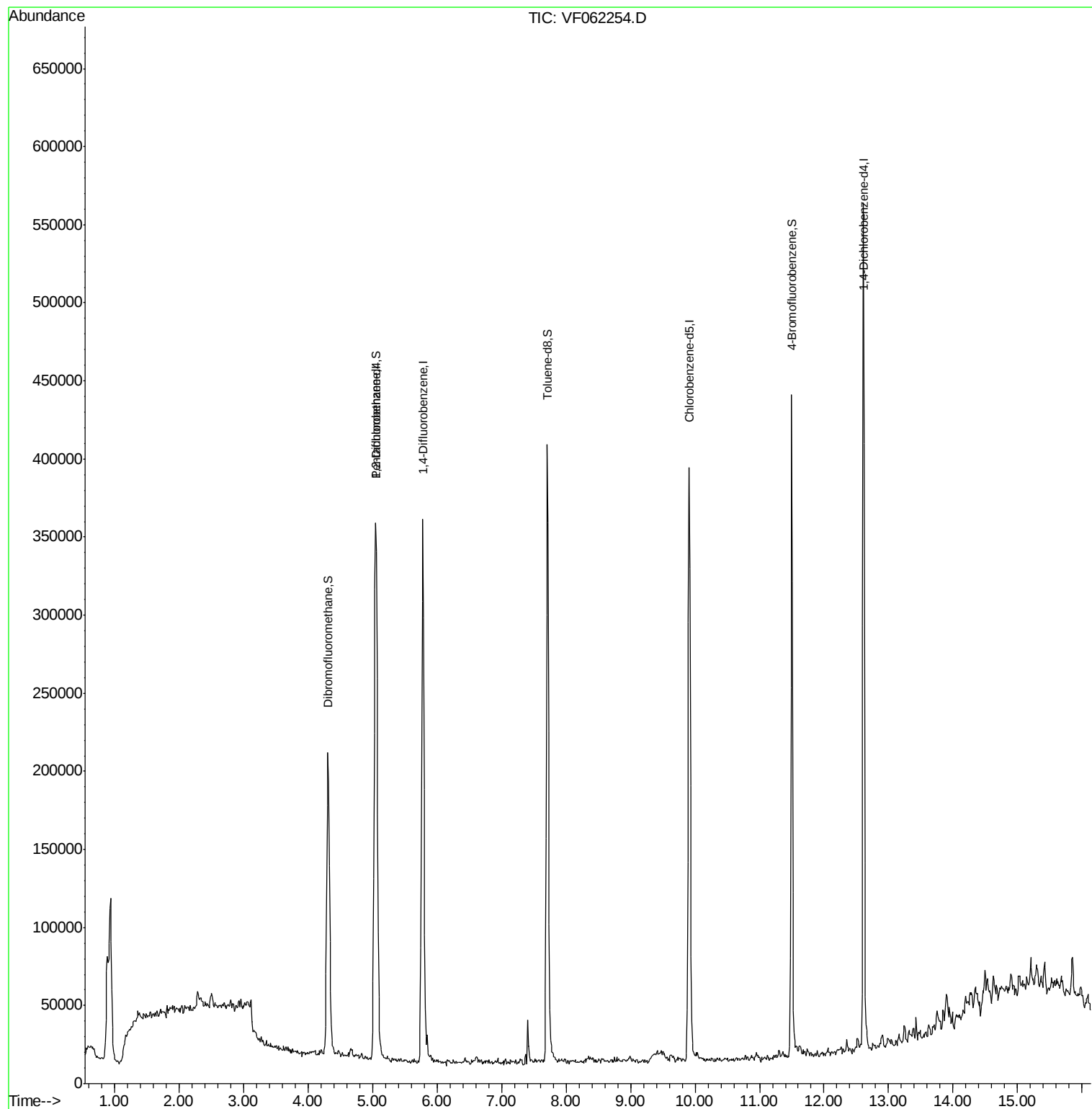
Target Compounds	Qvalue
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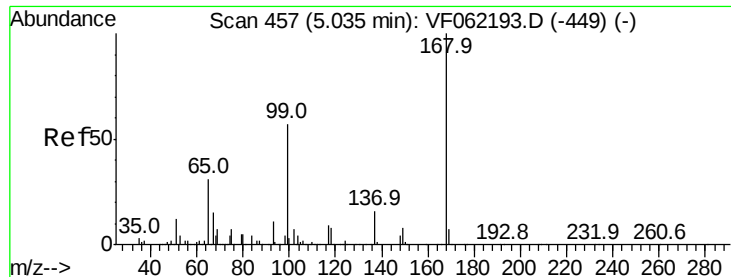
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062254.D

Acq: 22 Apr 2019 19:41

Instrument :

MSVOA_F

ClientSampleId :

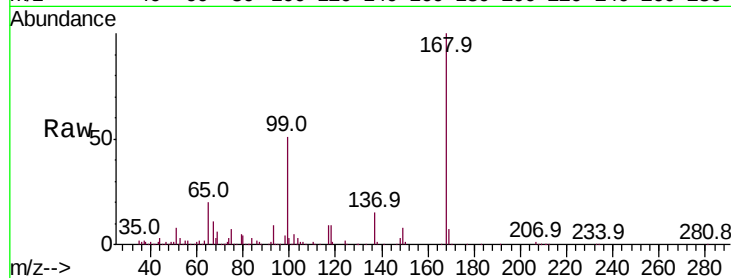
Q-COMP-4.18.19

Tot Ion:168 Resp: 297104

Ion Ratio Lower Upper

168 100

99 50.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

100000

80000

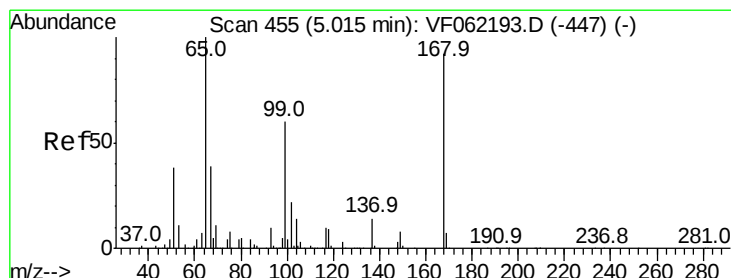
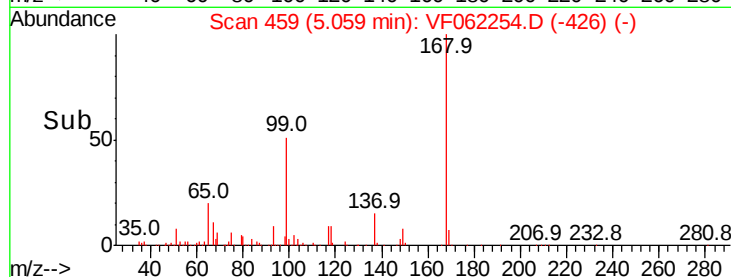
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.615 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062254.D

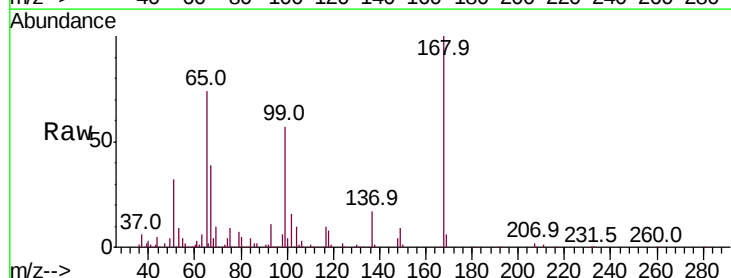
Acq: 22 Apr 2019 19:41

Tgt Ion: 65 Resp: 129716

Ion Ratio Lower Upper

65 100

67 51.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

50000

40000

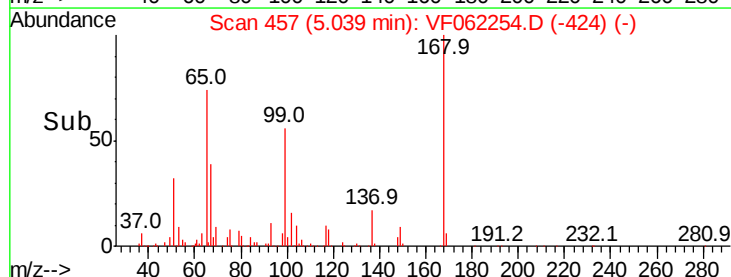
30000

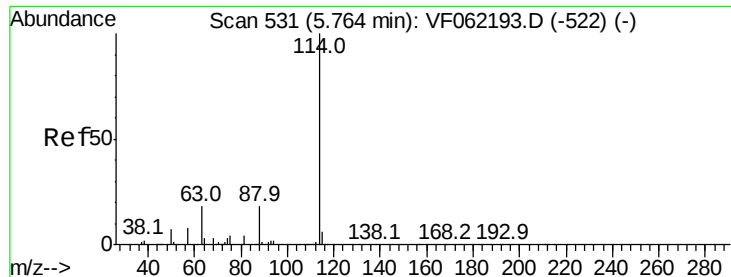
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062254.D

Acq: 22 Apr 2019 19:41

Instrument :

MSVOA_F

ClientSampleId :

Q-COMP-4.18.19

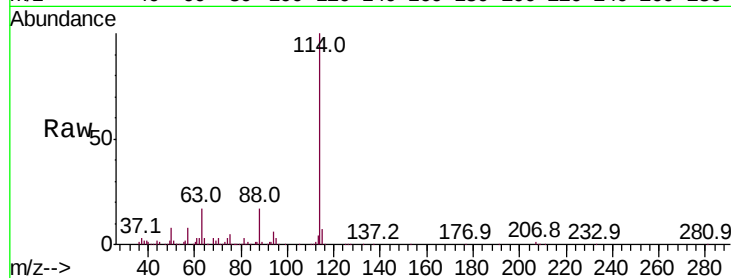
Tot Ion:114 Resp: 414584

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

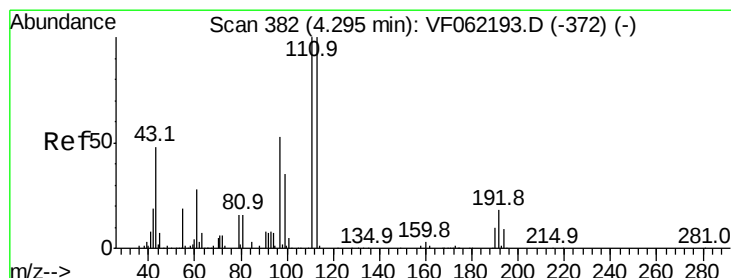
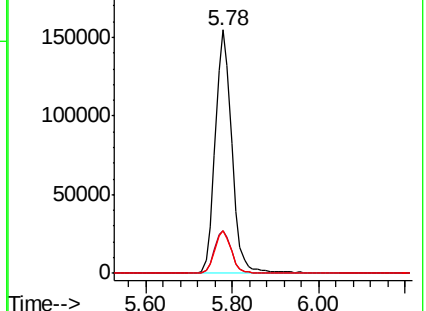
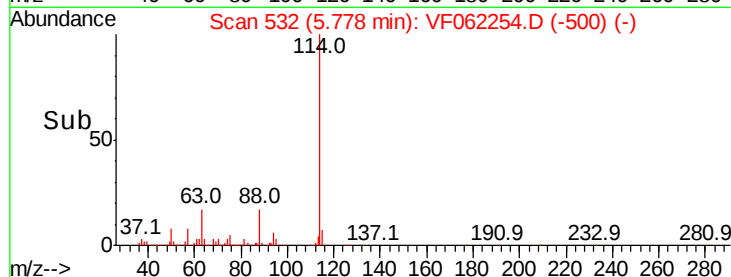
88 17.4 0.0 35.8



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: 50.541 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062254.D

Acq: 22 Apr 2019 19:41

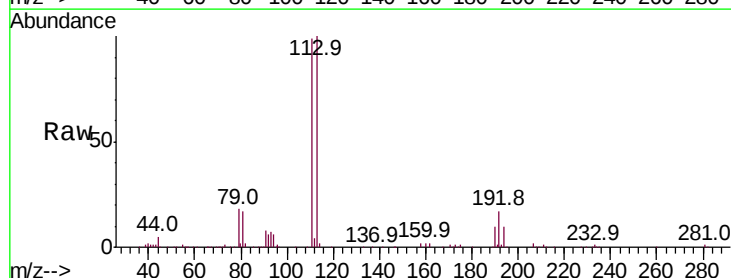
Tgt Ion:113 Resp: 183287

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

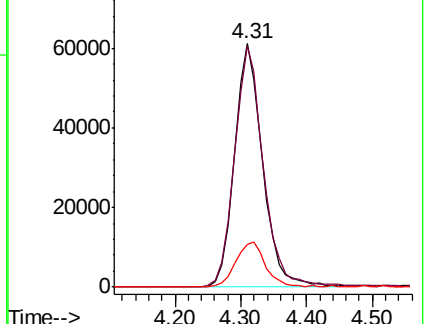
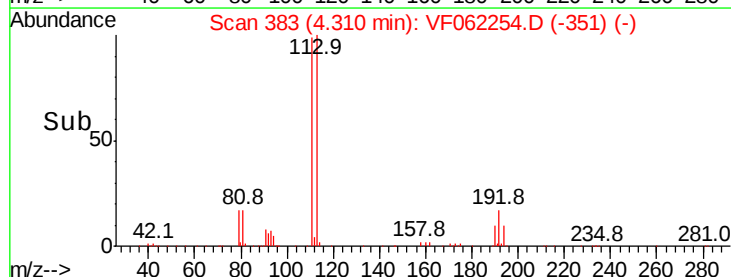
192 19.5 14.7 22.1

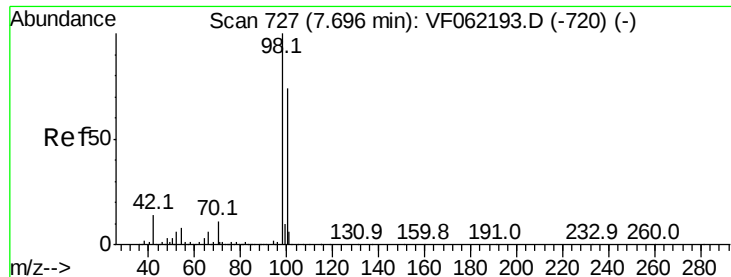


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.892 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF062254.D

Acq: 22 Apr 2019 19:41

Instrument :

MSVOA_F

ClientSampleId :

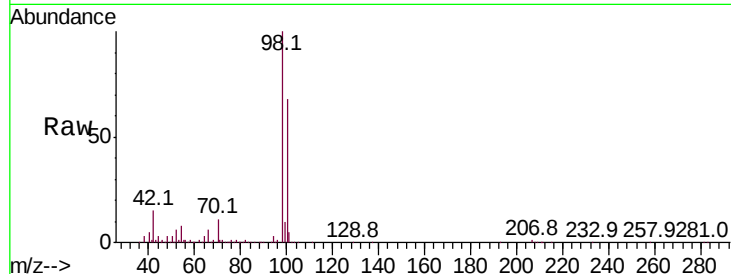
Q-COMP-4.18.19

Tot Ion: 98 Resp: 357030

Ion Ratio Lower Upper

98 100

100 67.8 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

150000

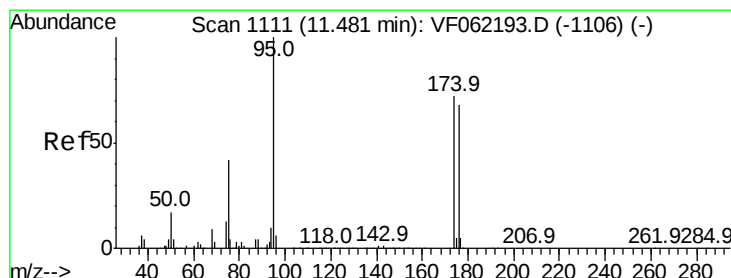
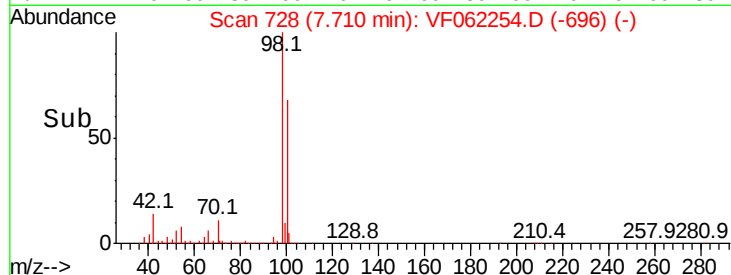
100000

50000

0

7.60 7.80 8.00

Time-->



#62

4-Bromofluorobenzene

Concen: 42.369 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062254.D

Acq: 22 Apr 2019 19:41

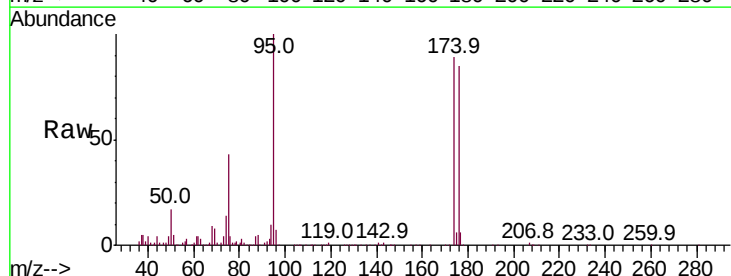
Tgt Ion: 95 Resp: 149627

Ion Ratio Lower Upper

95 100

174 91.1 0.0 159.4

176 89.2 0.0 155.4



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

120000

100000

80000

60000

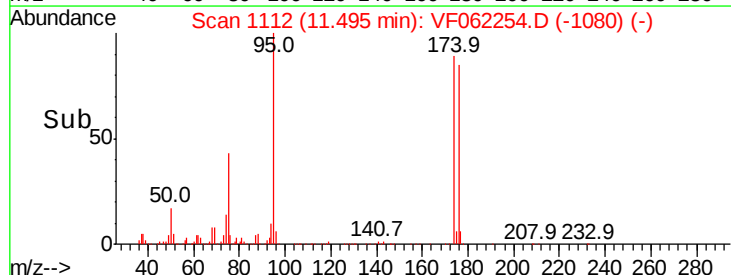
40000

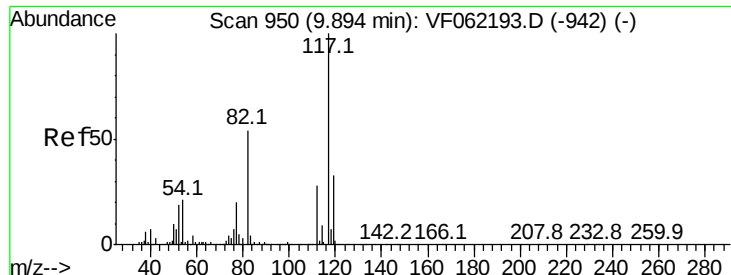
20000

0

11.40 11.50 11.60 11.70

Time-->

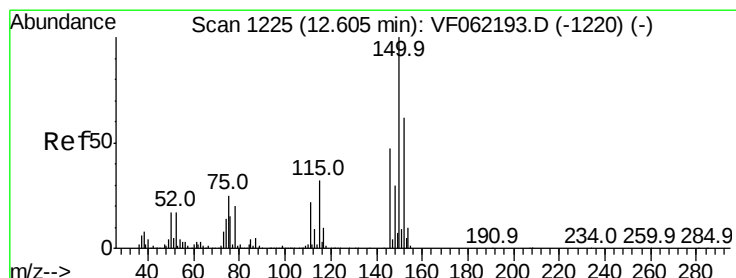
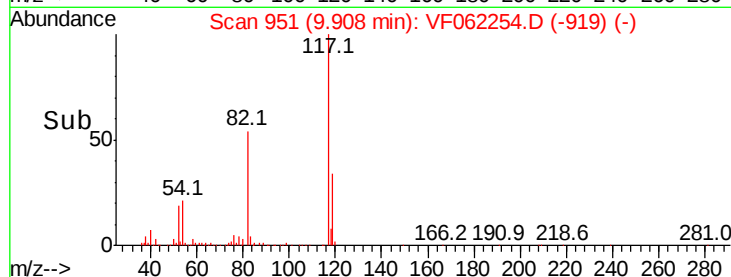
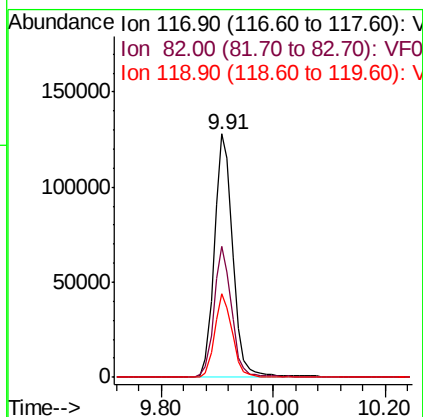
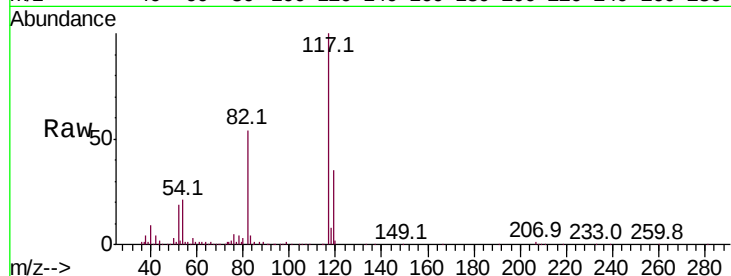




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
Q-COMP-4.18.19

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.2	64.8
119	34.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.8	83.3
150	154.5	0.0	341.8

