

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062536.D
 Acq On : 13 May 2019 8:03
 Operator : FY/SY
 Sample : K2734-17RE
 Misc : 5.18g/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-0206-01RE

Quant Time: May 13 11:05:20 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	243593	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	318083	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	215192	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	76427	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	110001	47.78	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	4.33	113	133012	52.49	ug/l	0.03
Spiked Amount 50.000			Recovery	=	104.98%	
50) Toluene-d8	7.73	98	234682	38.26	ug/l	0.03
Spiked Amount 50.000			Recovery	=	76.52%	
62) 4-Bromofluorobenzene	11.51	95	65698	23.74	ug/l	0.02
Spiked Amount 50.000			Recovery	=	47.48%	

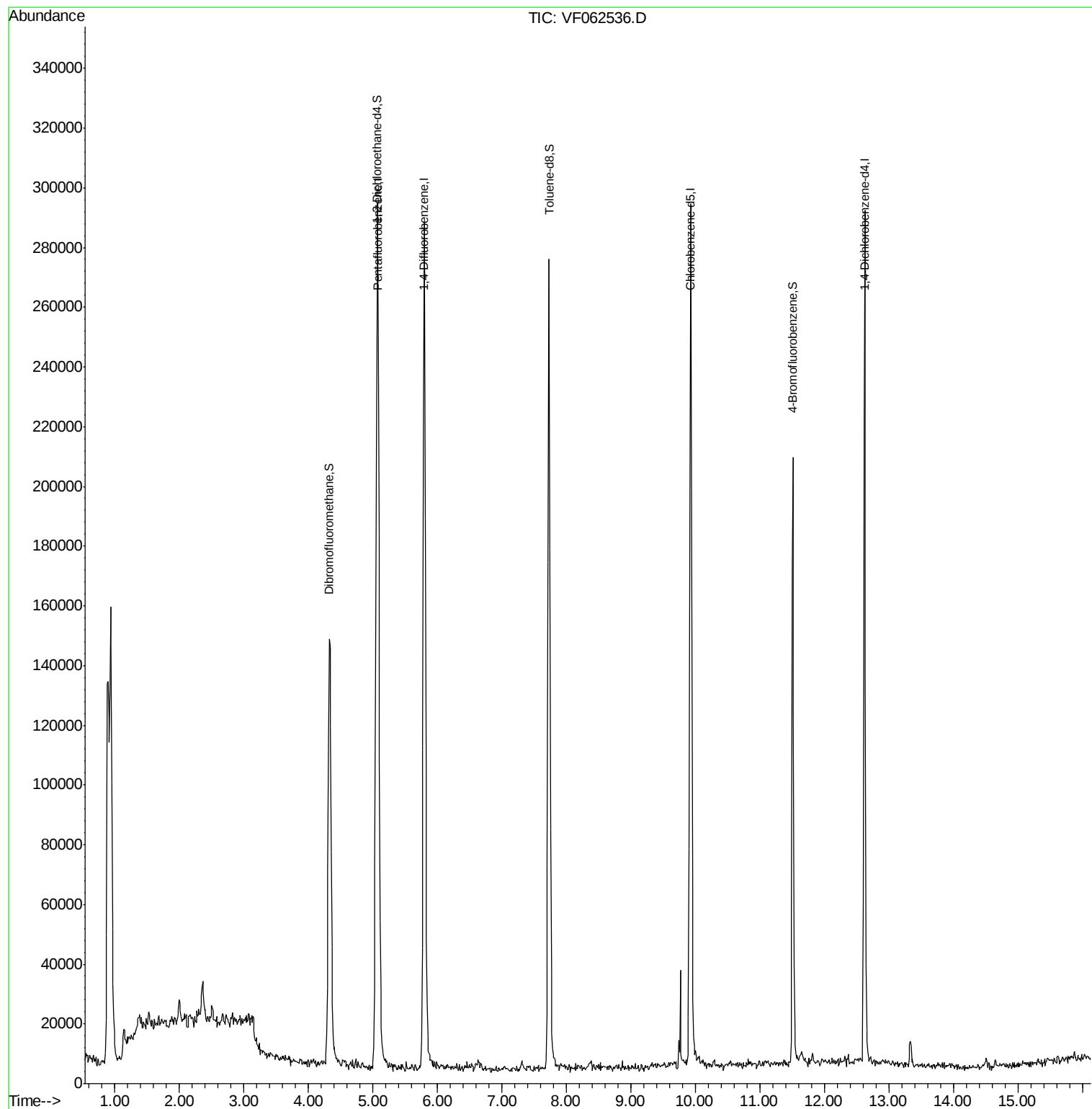
Target Compounds	Qvalue
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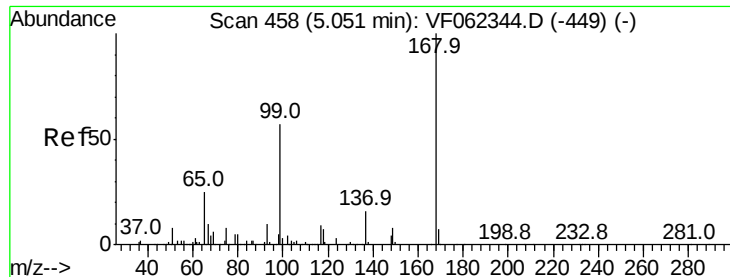
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062536.D

Acq: 13 May 2019 8:03

Instrument :

MSVOA_F

ClientSampleId :

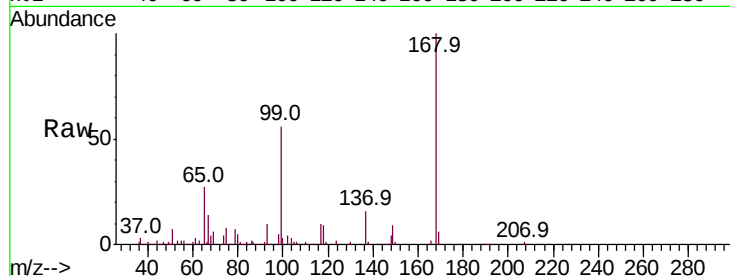
P026-SS014-0206-01RE

Tot Ion:168 Resp: 243593

Ion Ratio Lower Upper

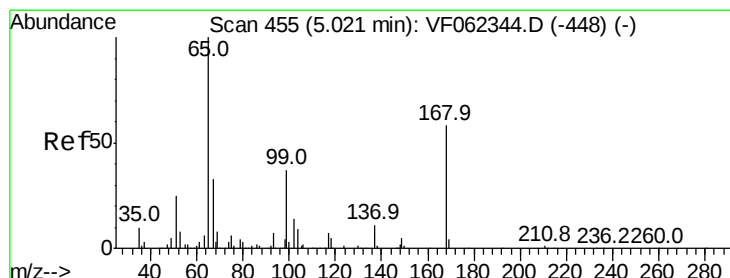
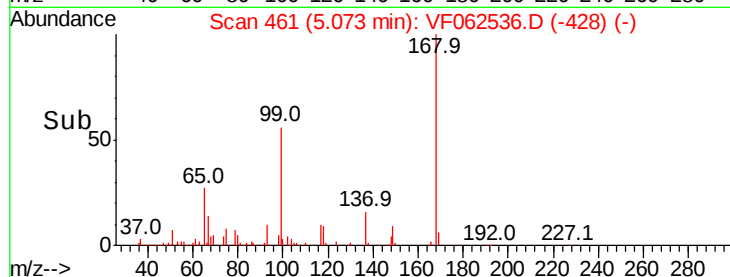
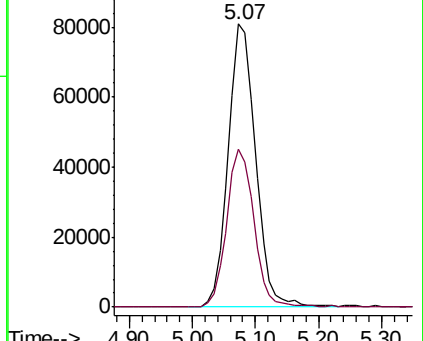
168 100

99 55.9 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: 47.784 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062536.D

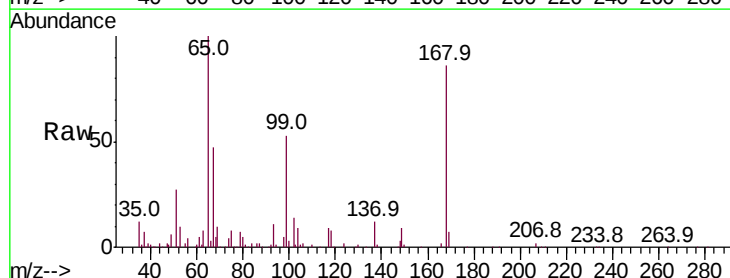
Acq: 13 May 2019 8:03

Tgt Ion: 65 Resp: 110001

Ion Ratio Lower Upper

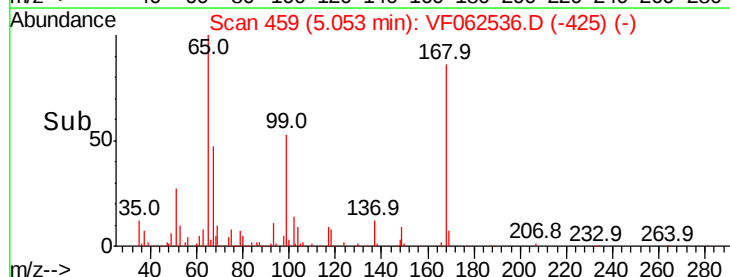
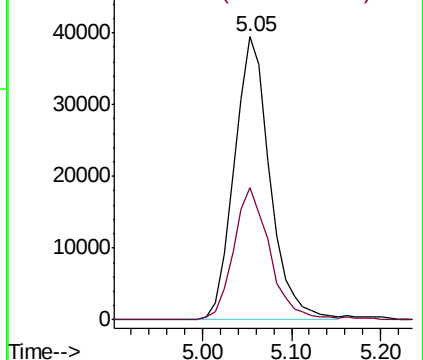
65 100

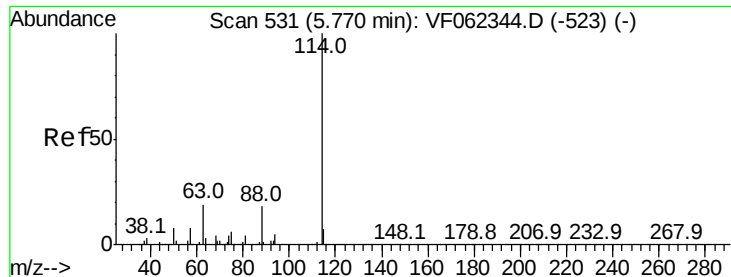
67 47.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062536.D

Acq: 13 May 2019 8:03

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0206-01RE

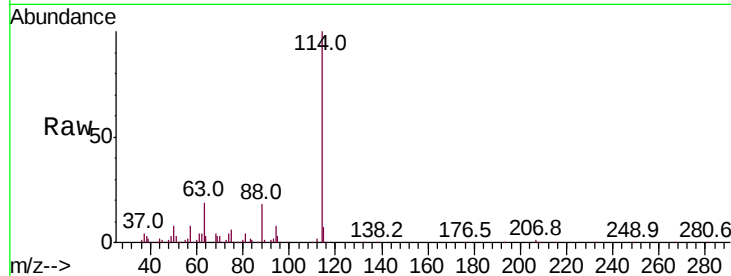
Tot Ion:114 Resp: 318083

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

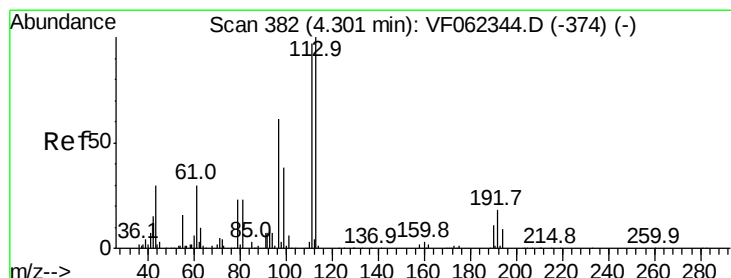
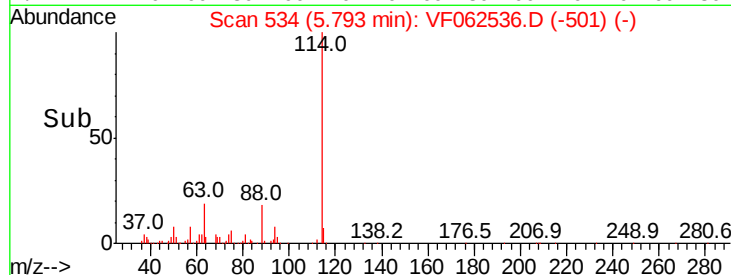
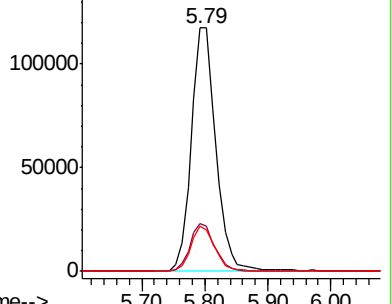
88 18.3 0.0 36.4



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: 52.489 ug/l

RT: 4.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VF062536.D

Acq: 13 May 2019 8:03

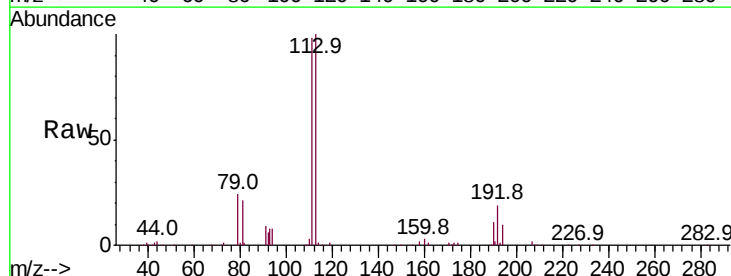
Tgt Ion:113 Resp: 133012

Ion Ratio Lower Upper

113 100

111 98.6 79.4 119.0

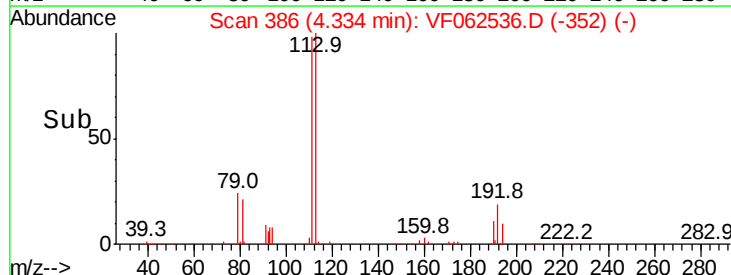
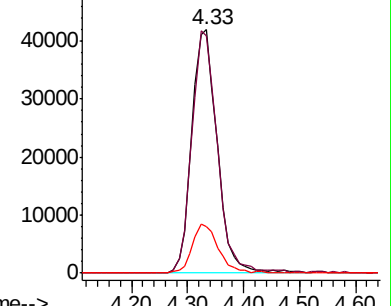
192 20.4 16.0 24.0

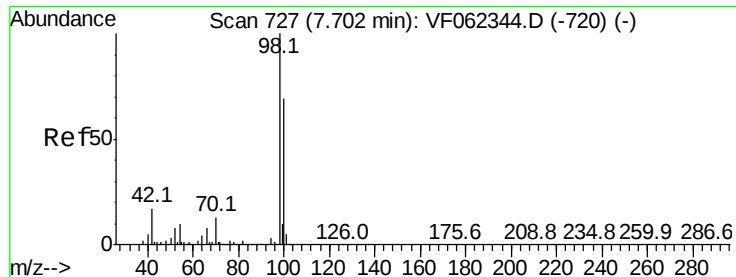


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.258 ug/l

RT: 7.73 min Scan# 731

Delta R.T. 0.03 min

Lab File: VF062536.D

Acq: 13 May 2019 8:03

Instrument :

MSVOA_F

ClientSampleId :

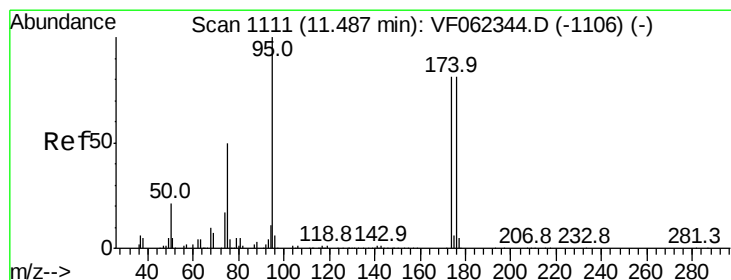
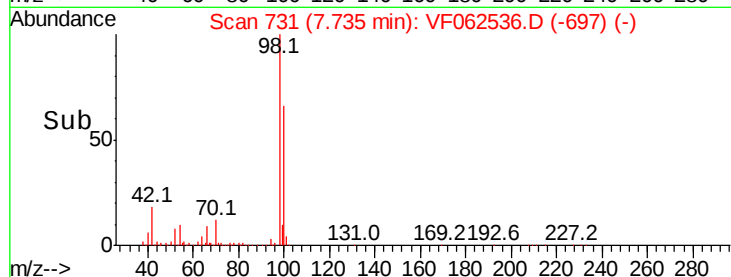
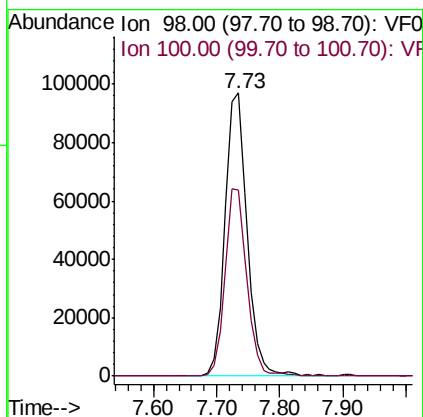
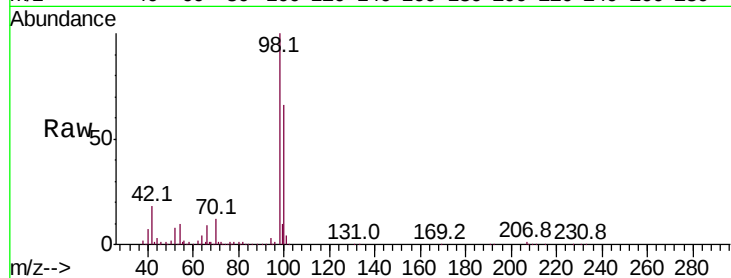
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Tot Ion: 98 Resp: 234682

Ion Ratio Lower Upper

98 100

100 65.2 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 23.739 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062536.D

Acq: 13 May 2019 8:03

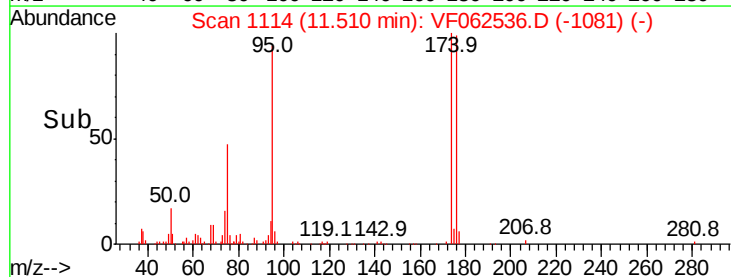
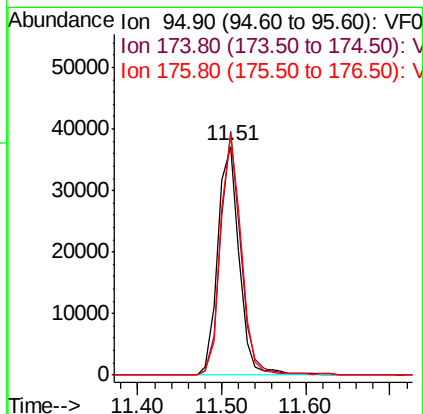
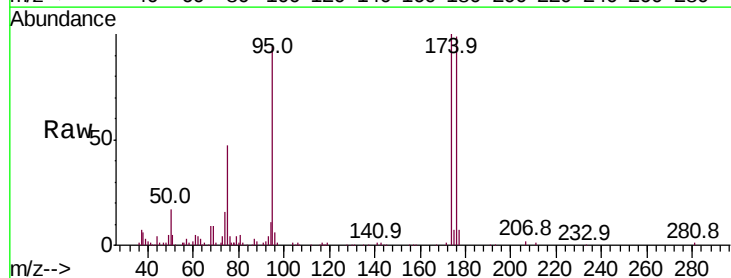
Tgt Ion: 95 Resp: 65698

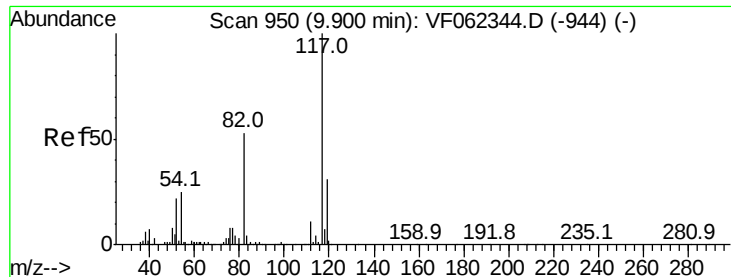
Ion Ratio Lower Upper

95 100

174 100.3 0.0 191.8

176 101.4 0.0 193.2

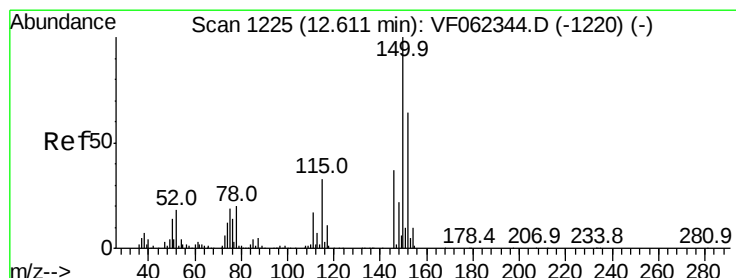
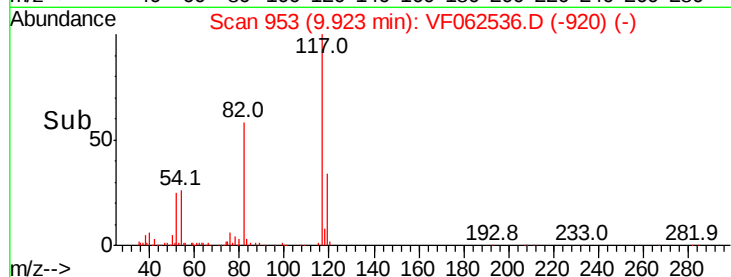
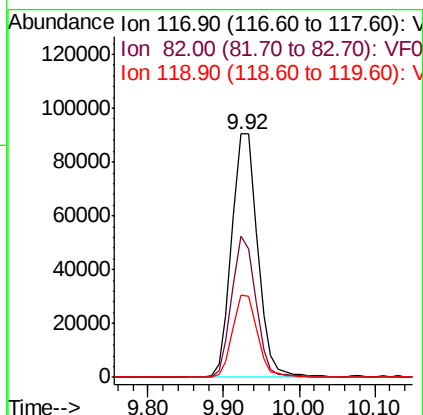
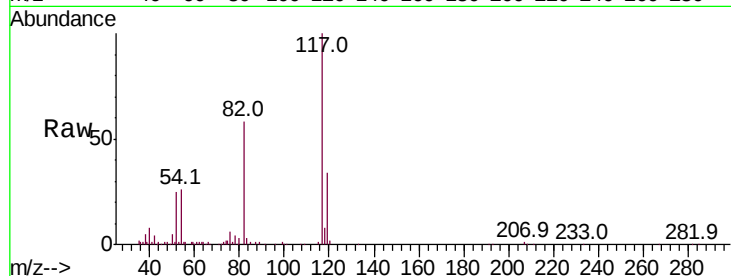




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	42.2	63.2
119	33.8	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.4	79.2
150	155.1	0.0	335.0

