

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062505.D
 Acq On : 12 May 2019 16:12
 Operator : FY/SY
 Sample : K2734-07
 Misc : 4.87g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0206-01

Quant Time: May 13 05:39:35 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

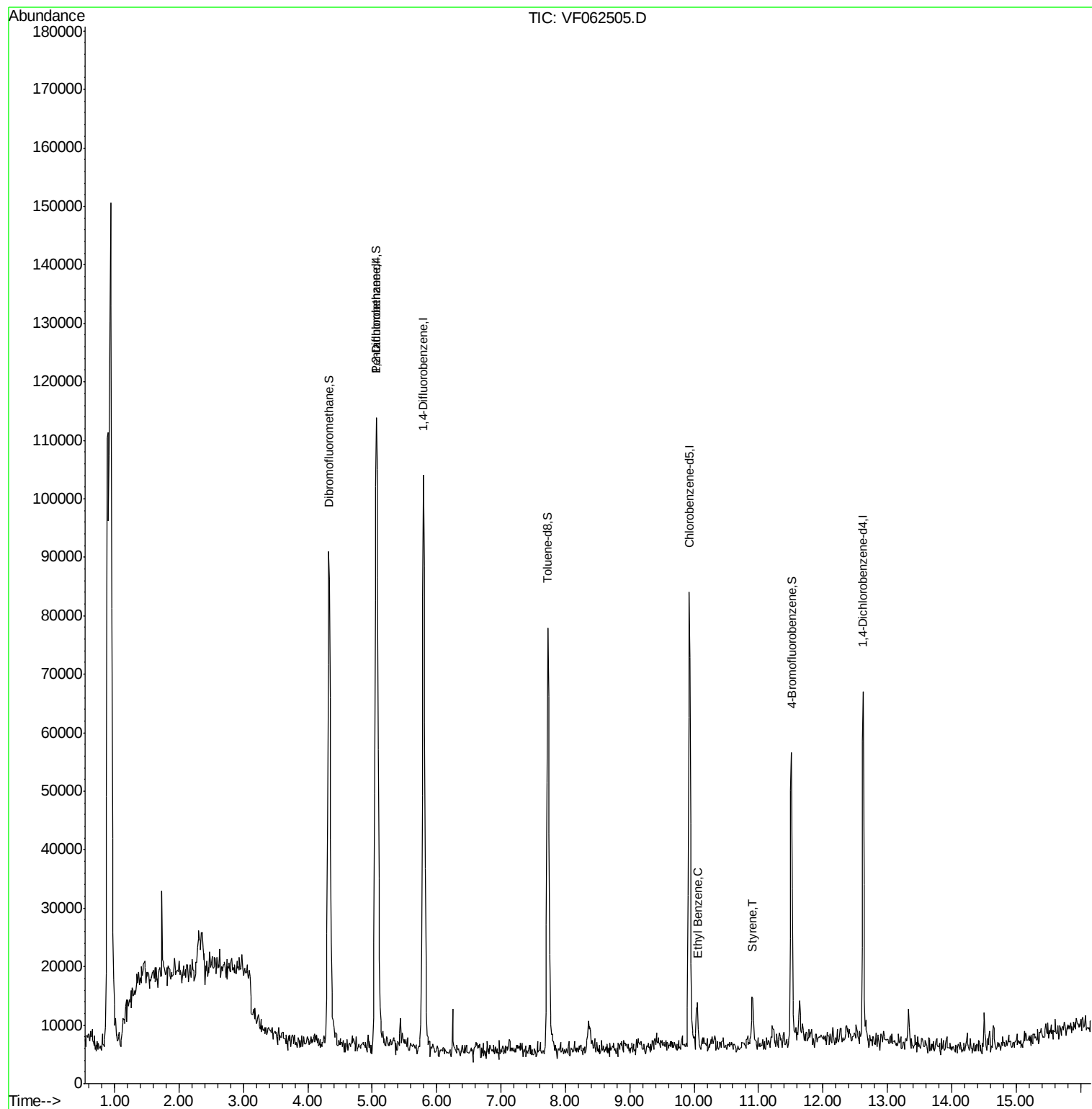
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	67433	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	105443	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	56406	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	16115	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	73770	115.76	ug/l	0.03
Spiked Amount 50.000			Recovery	=	231.52%	
35) Dibromofluoromethane	4.33	113	75913	90.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	180.74%	
50) Toluene-d8	7.73	98	58109	28.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	57.16%	
62) 4-Bromofluorobenzene	11.51	95	15986	17.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	34.84%	
Target Compounds						
67) Ethyl Benzene	10.04	91	5780	3.537	ug/l #	85
70) Styrene	10.91	104	4677	4.790	ug/l #	84

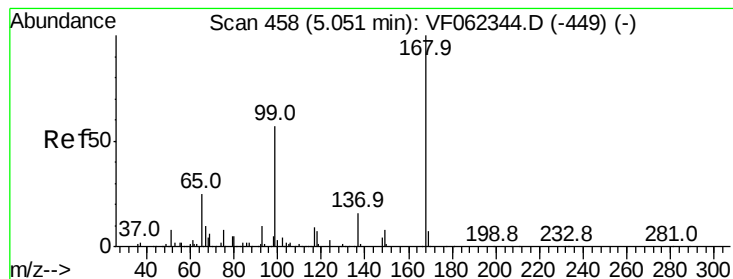
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

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MSVOA_F

ClientSampleId :

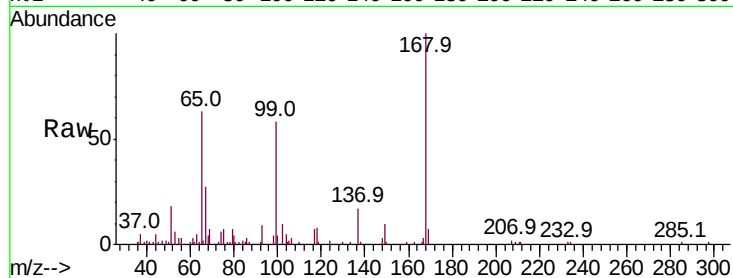
P026-SS012-0206-01

Tot Ion:168 Resp: 67433

Ion Ratio Lower Upper

168 100

99 58.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.07

25000

20000

15000

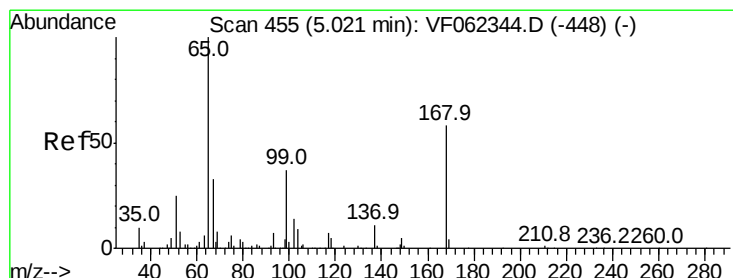
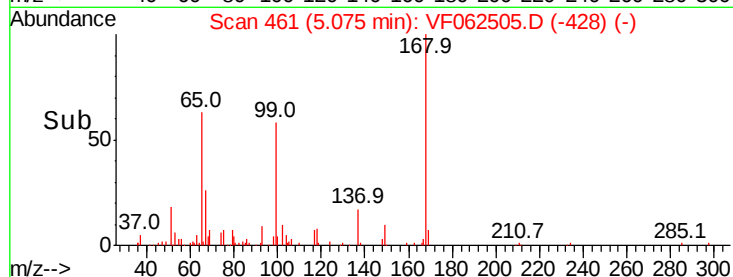
10000

5000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 115.759 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062505.D

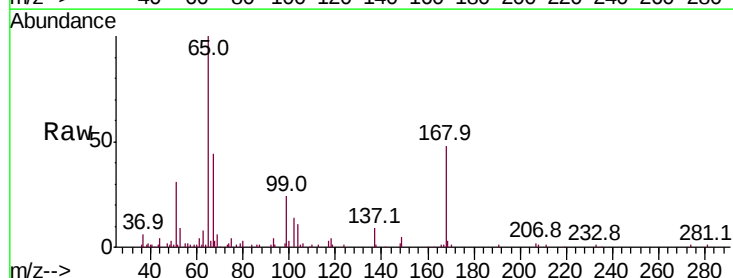
Acq: 12 May 2019 16:12

Tgt Ion: 65 Resp: 73770

Ion Ratio Lower Upper

65 100

67 45.3 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

30000

25000

20000

15000

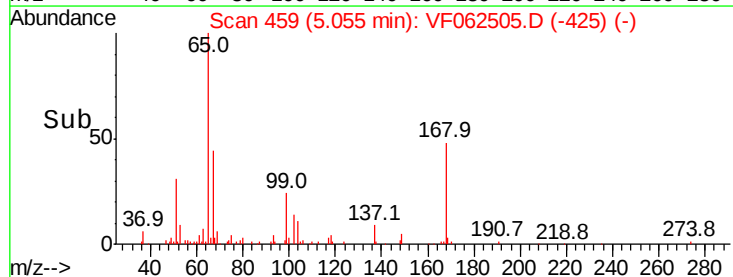
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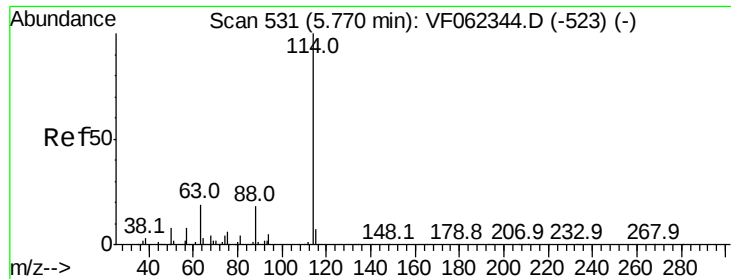
5000

0

Time-->

4.90 5.00 5.10 5.20

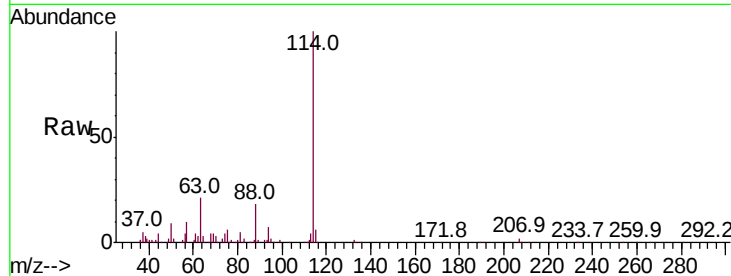




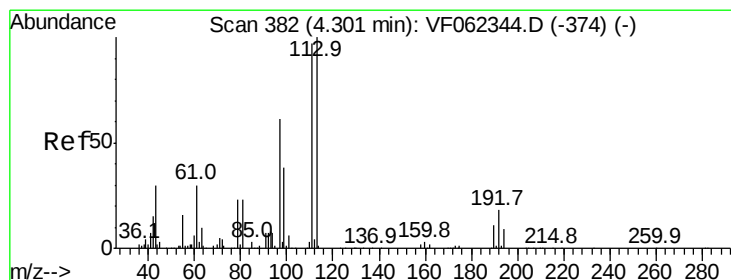
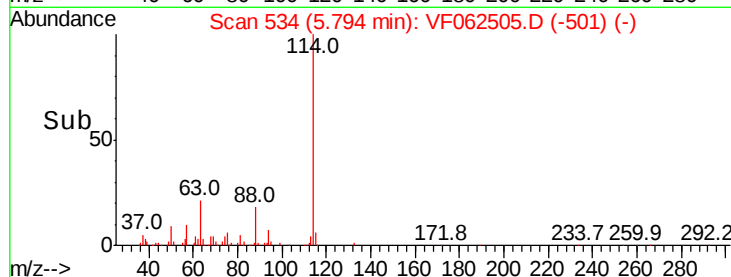
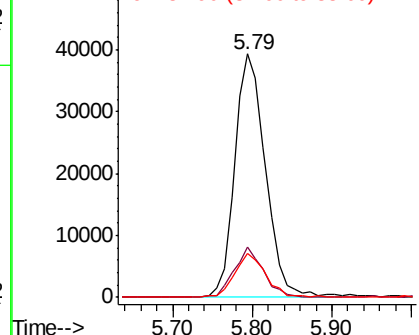
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VF062505.D
 Acq: 12 May 2019 16:12

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0206-01

Tot Ion:114 Resp: 105443
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.4
 88 18.0 0.0 36.4

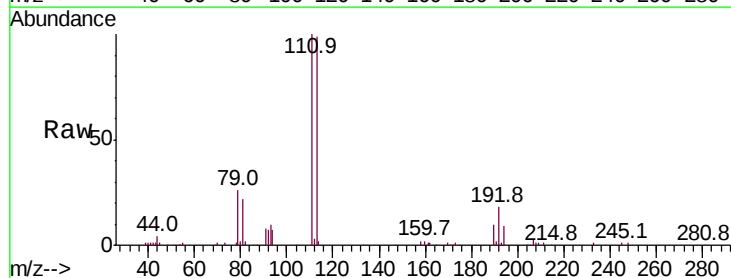


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 87.90 (87.60 to 88.60): VF0

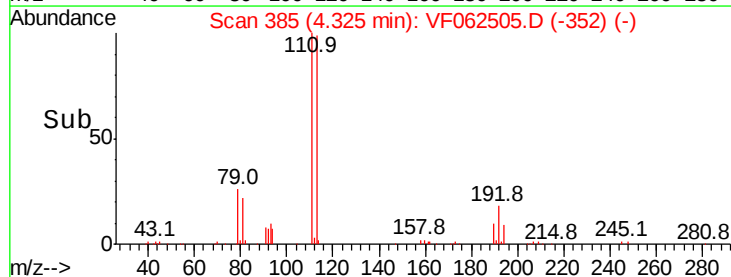
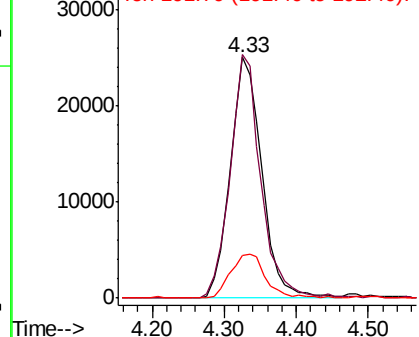


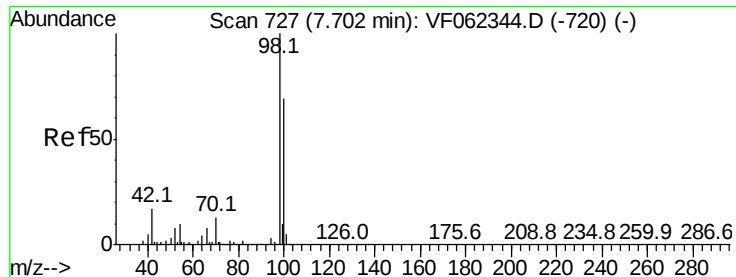
#35
 Dibromofluoromethane
 Concen: 90.368 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. 0.02 min
 Lab File: VF062505.D
 Acq: 12 May 2019 16:12

Tgt Ion:113 Resp: 75913
 Ion Ratio Lower Upper
 113 100
 111 97.6 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: 28.576 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

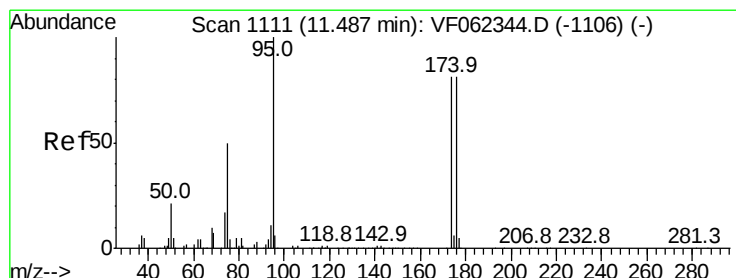
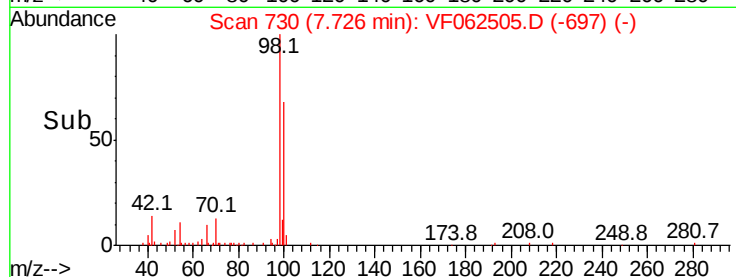
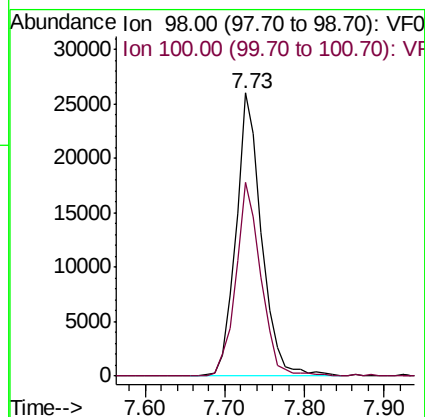
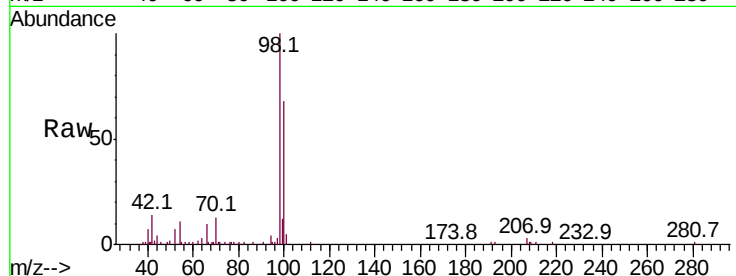
P026-SS012-0206-01

Tot Ion: 98 Resp: 58109

Ion Ratio Lower Upper

98 100

100 67.0 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 17.425 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

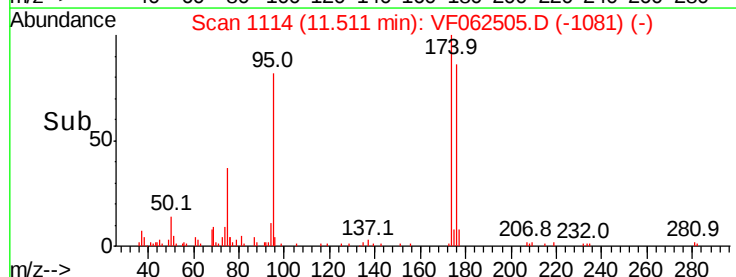
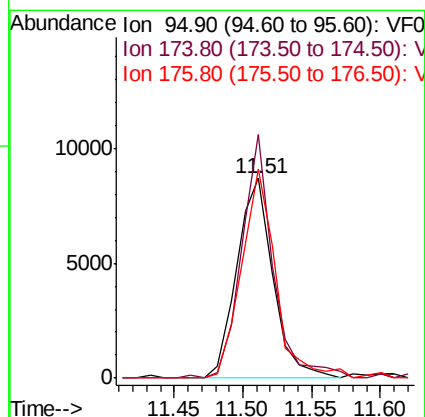
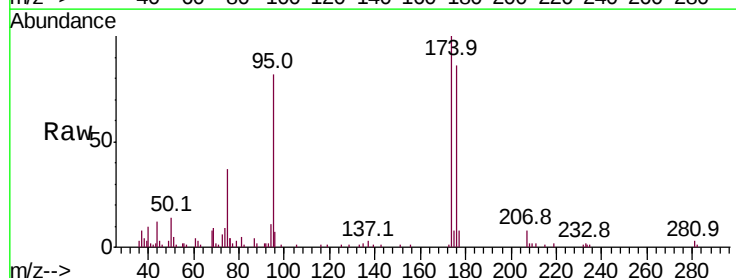
Tgt Ion: 95 Resp: 15986

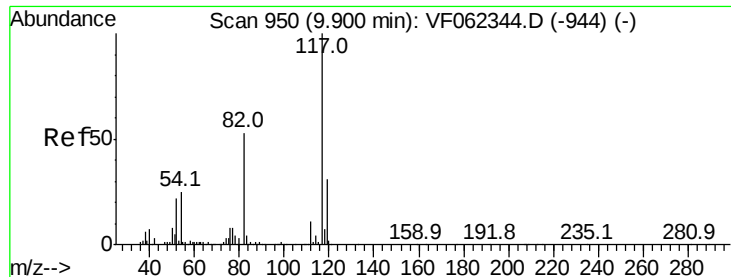
Ion Ratio Lower Upper

95 100

174 106.1 0.0 191.8

176 98.6 0.0 193.2

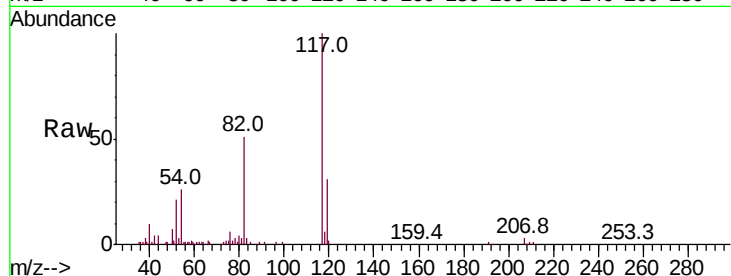




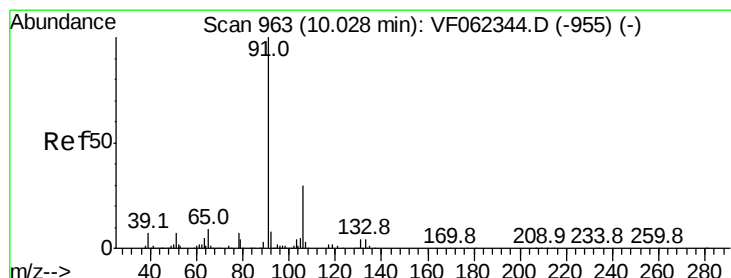
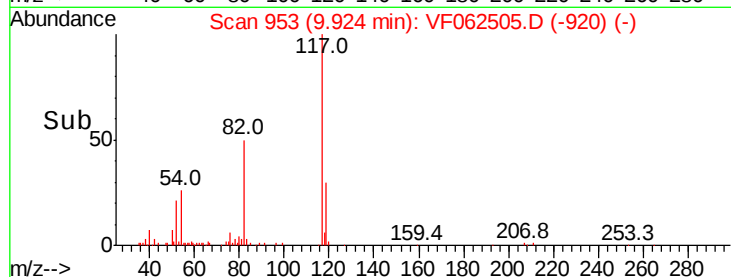
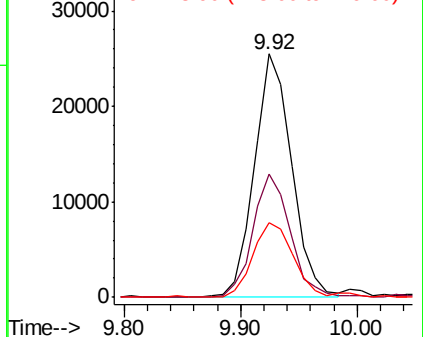
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01

Tot Ion:117 Resp: 56406
Ion Ratio Lower Upper
117 100
82 50.6 42.2 63.2
119 30.8 25.0 37.4

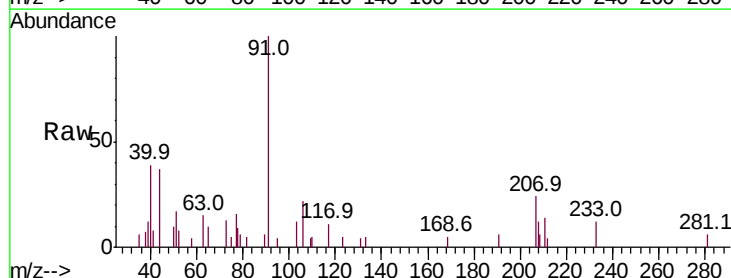


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

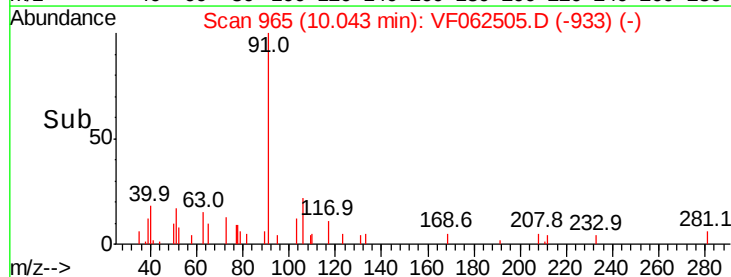
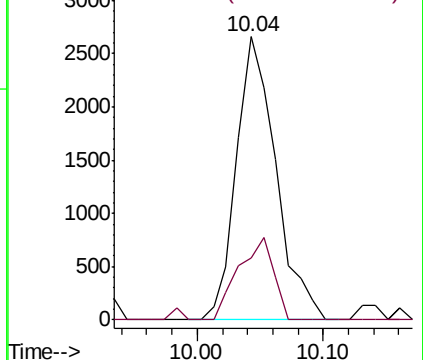


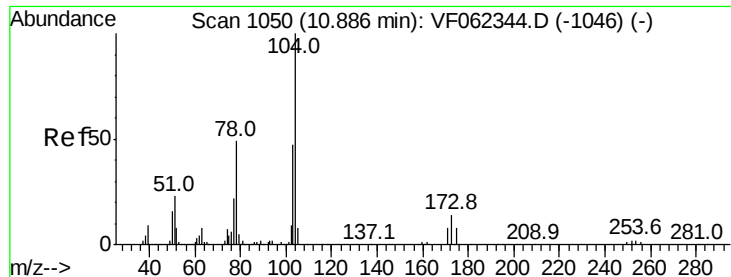
#67
Ethyl Benzene
Concen: 3.537 ug/l
RT: 10.04 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

Tgt Ion: 91 Resp: 5780
Ion Ratio Lower Upper
91 100
106 21.7 24.1 36.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 106.00 (105.70 to 106.70): V





#70

Stvrene

Concen: 4.790 ug/l

RT: 10.91 min Scan# 1053

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0206-01

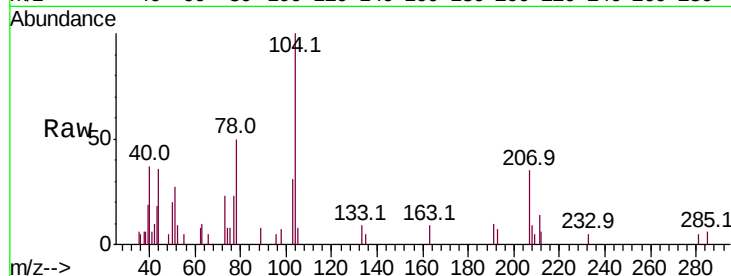
Tot Ion:104 Resp: 4677

Ion Ratio Lower Upper

104 100

78 60.8 39.5 59.3#

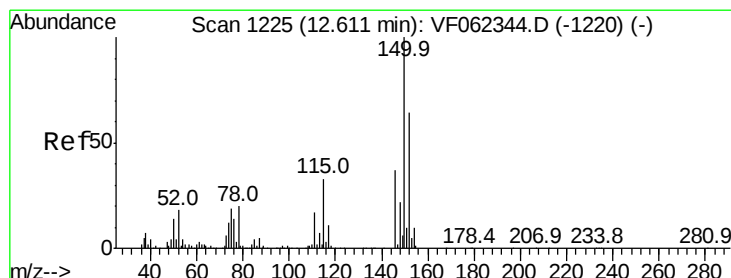
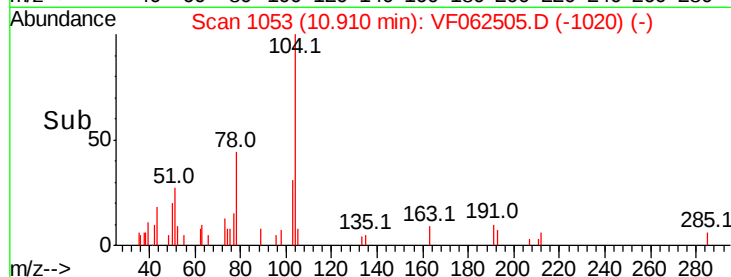
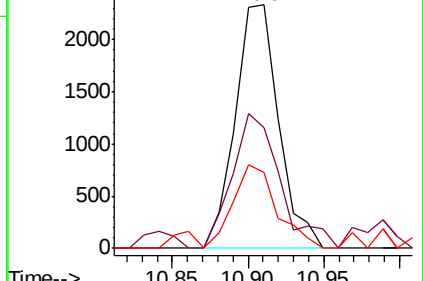
103 38.1 38.4 57.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

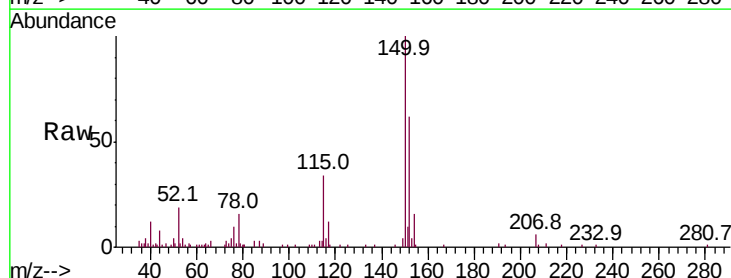
Tgt Ion:152 Resp: 16115

Ion Ratio Lower Upper

152 100

115 55.9 26.4 79.2

150 154.7 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

