

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031319\
 Data File : VF061934.D
 Acq On : 13 Mar 2019 18:22
 Operator : VA/AP
 Sample : K1693-07
 Misc : 8.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-031219-B

Quant Time: Mar 14 01:40:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

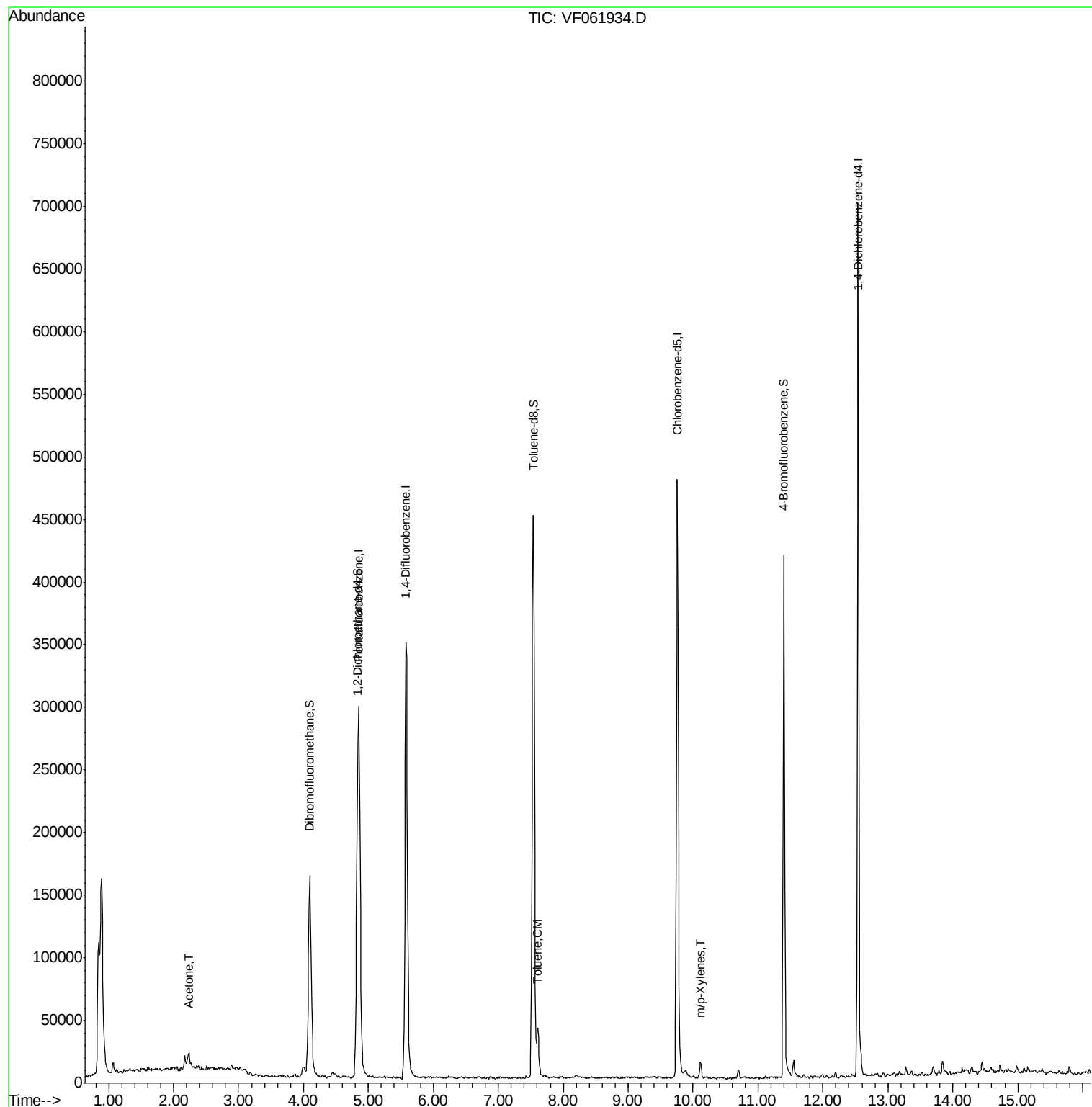
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	284564	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	435946	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	371239	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	194104	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	98946	47.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.50%	
35) Dibromofluoromethane	4.10	113	160036	52.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.20%	
50) Toluene-d8	7.54	98	407266	45.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.39	95	162380	45.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
16) Acetone	2.23	43	14188	32.684	ug/l #	89
52) Toluene	7.61	92	20324	3.192	ug/l	97
68) m/p-Xylenes	10.11	106	5012	1.107	ug/l	82

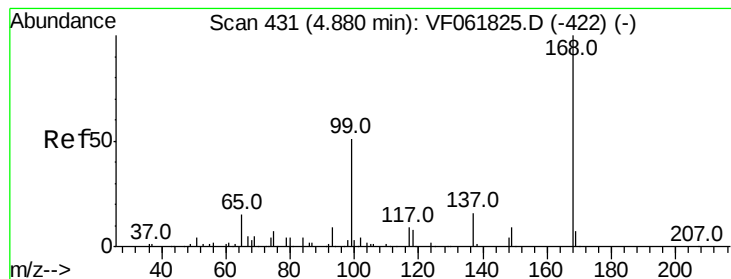
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031319\
Data File : VF061934.D
Acq On : 13 Mar 2019 18:22
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061934.D

Acq: 13 Mar 2019 18:22

Instrument :

MSVOA_F

ClientSampleId :

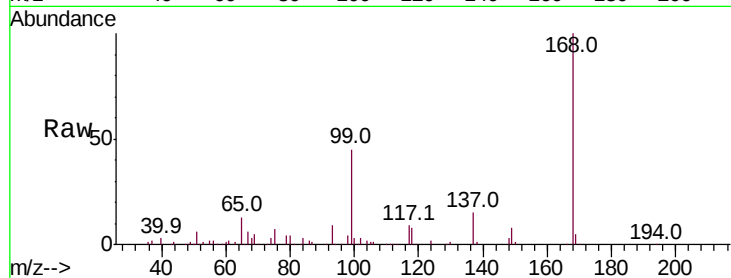
OR-02-031219-B

Tot Ion:168 Resp: 284564

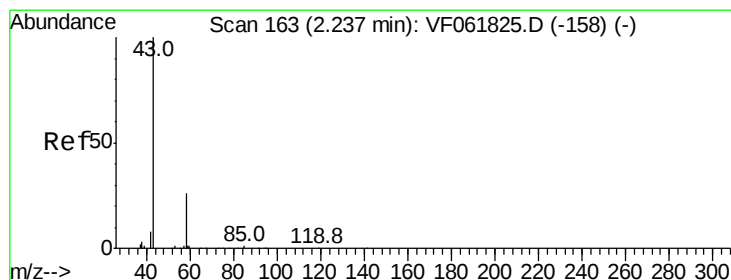
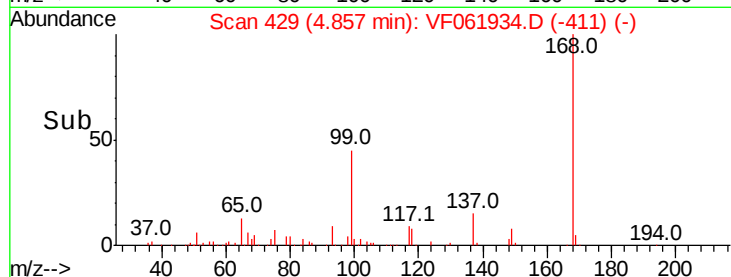
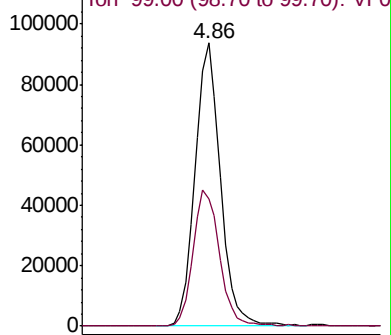
Ion Ratio Lower Upper

168 100

99 44.8 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 32.684 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061934.D

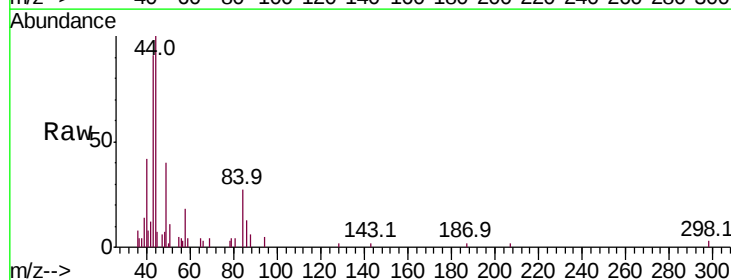
Acq: 13 Mar 2019 18:22

Tgt Ion: 43 Resp: 14188

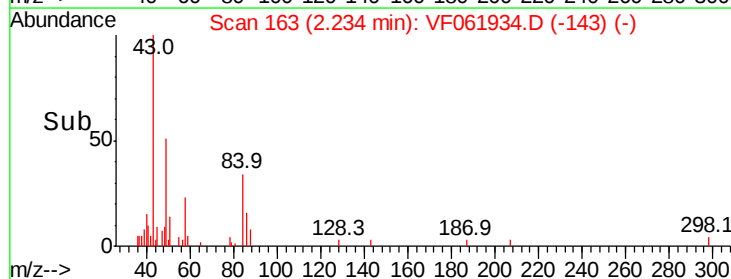
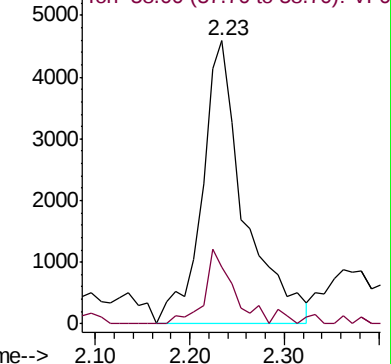
Ion Ratio Lower Upper

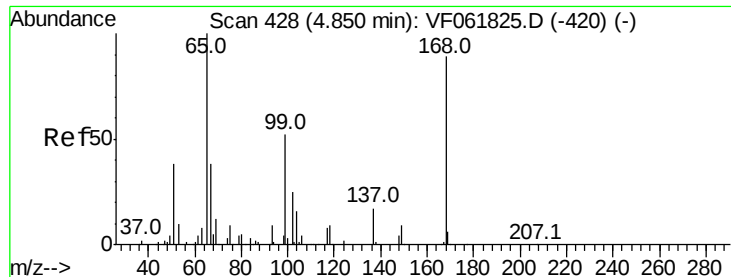
43 100

58 19.9 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 47.746 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061934.D

Acq: 13 Mar 2019 18:22

Instrument :

MSVOA_F

ClientSampleId :

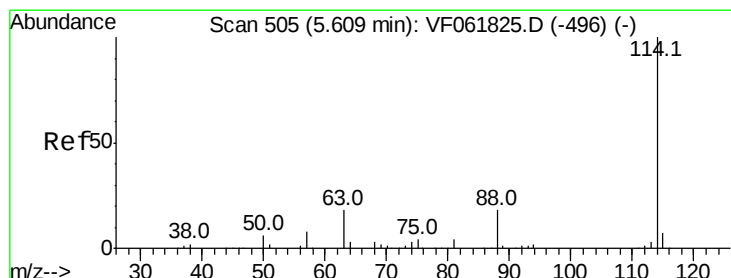
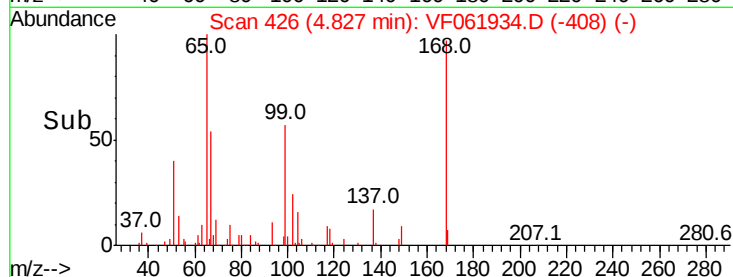
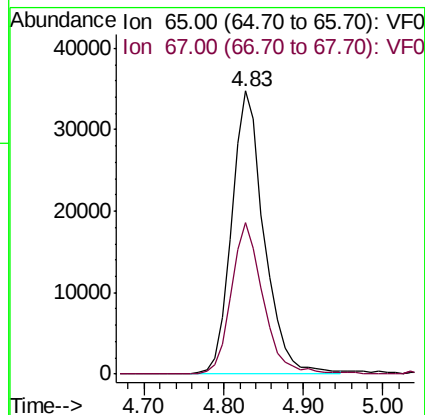
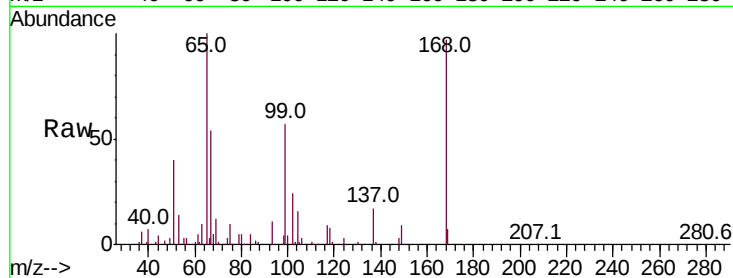
OR-02-031219-B

Tot Ion: 65 Resp: 98946

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061934.D

Acq: 13 Mar 2019 18:22

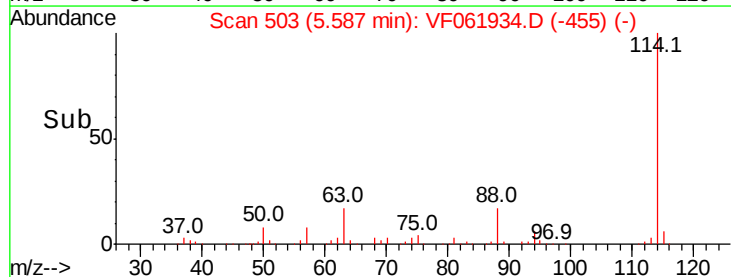
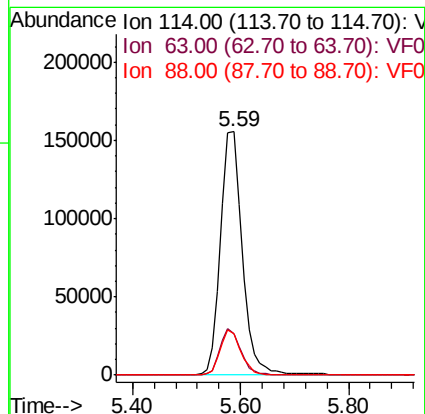
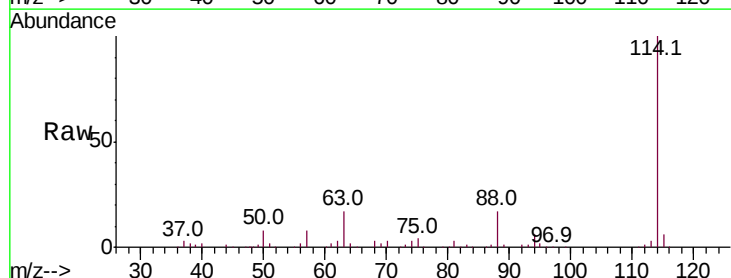
Tgt Ion: 114 Resp: 435946

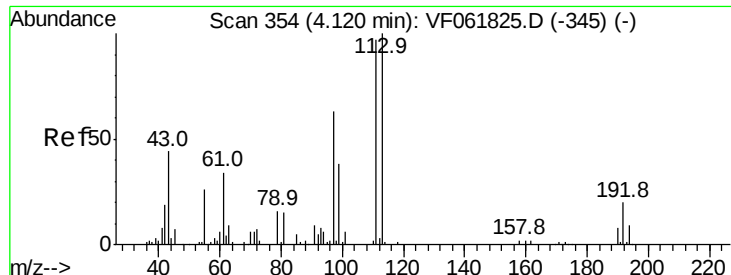
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.6

88 17.0 0.0 35.6

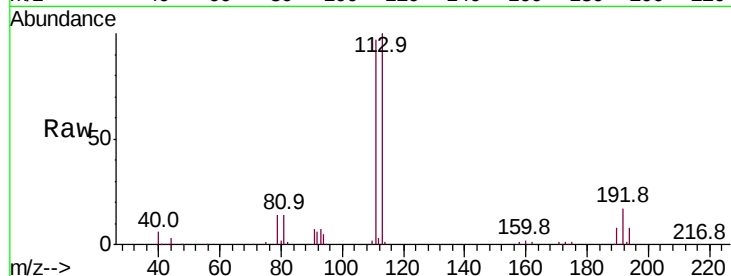




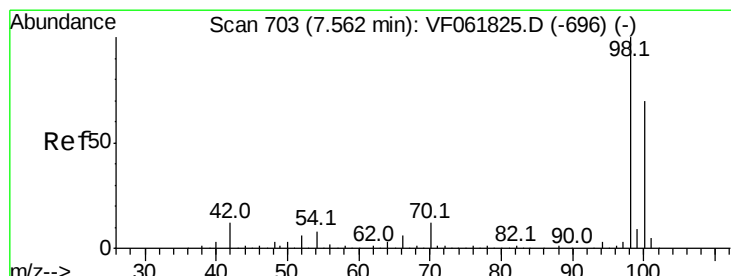
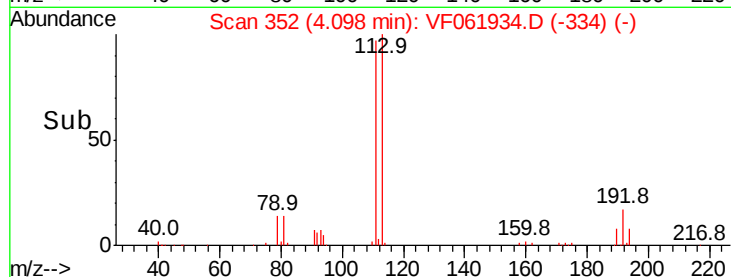
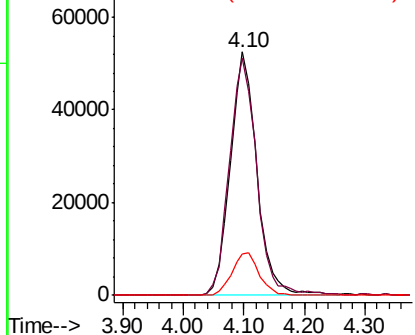
#35
 Dibromofluoromethane
 Concen: 52.603 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061934.D
 Acq: 13 Mar 2019 18:22

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-031219-B

Tot Ion:113 Resp: 160036
 Ion Ratio Lower Upper
 113 100
 111 97.3 77.6 116.4
 192 16.9 15.9 23.9

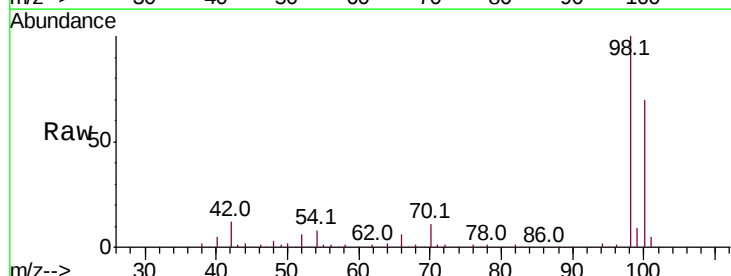


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

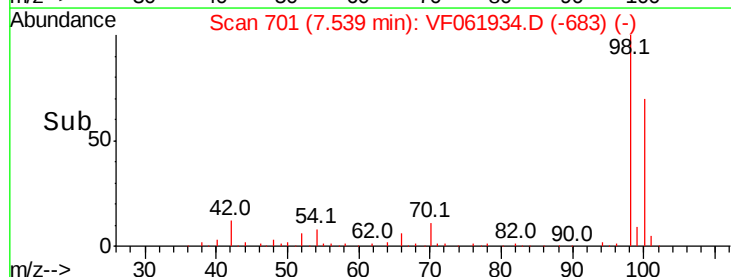
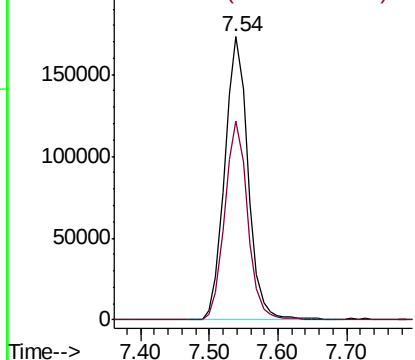


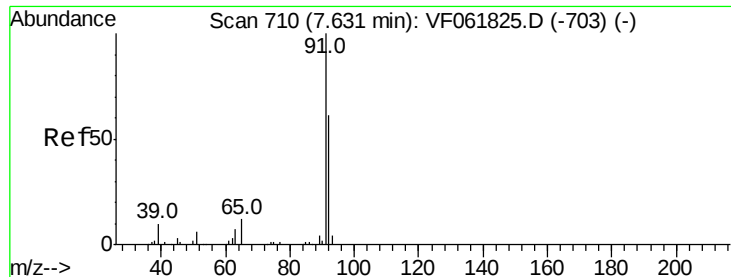
#50
 Toluene-d8
 Concen: 45.038 ug/l
 RT: 7.54 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: VF061934.D
 Acq: 13 Mar 2019 18:22

Tgt Ion: 98 Resp: 407266
 Ion Ratio Lower Upper
 98 100
 100 70.2 56.0 84.0



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: 3.192 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.02 min

Lab File: VF061934.D

Acq: 13 Mar 2019 18:22

Instrument :

MSVOA_F

ClientSampleId :

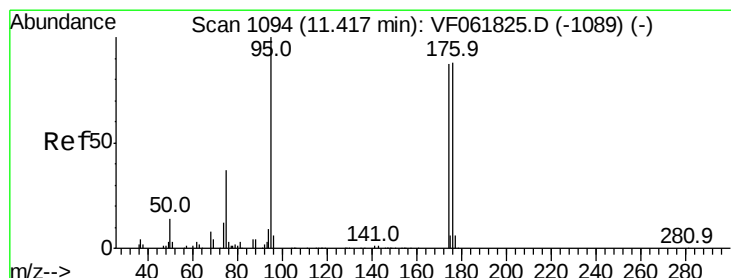
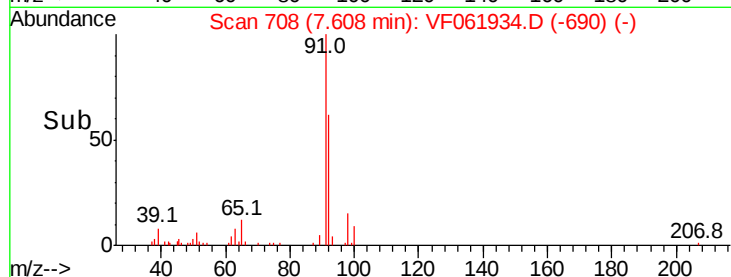
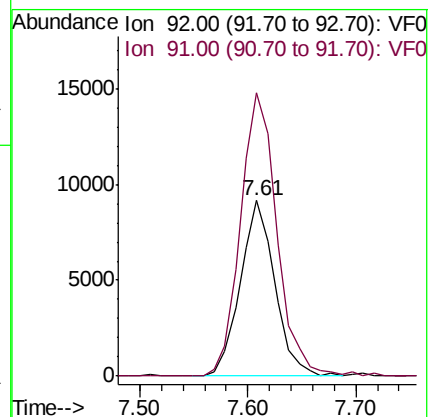
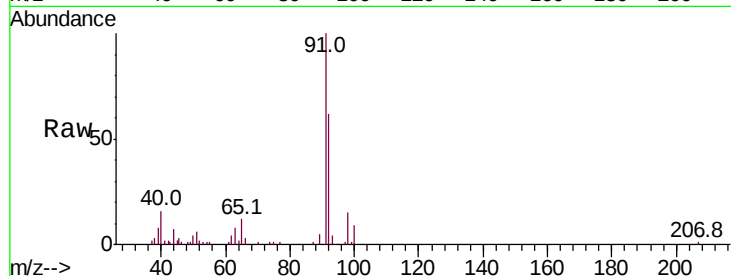
OR-02-031219-B

Tot Ion: 92 Resp: 20324

Ion Ratio Lower Upper

92 100

91 161.2 132.0 198.0



#62

4-Bromofluorobenzene

Concen: 45.841 ug/l

RT: 11.39 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061934.D

Acq: 13 Mar 2019 18:22

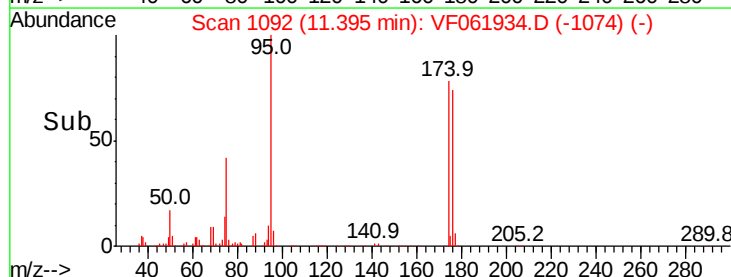
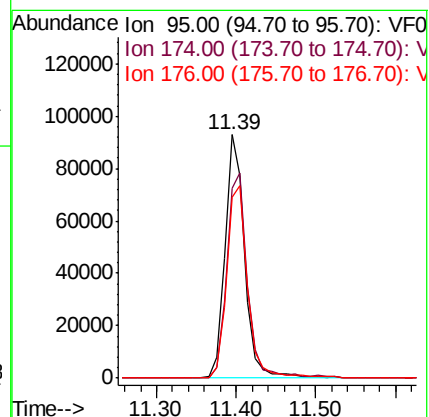
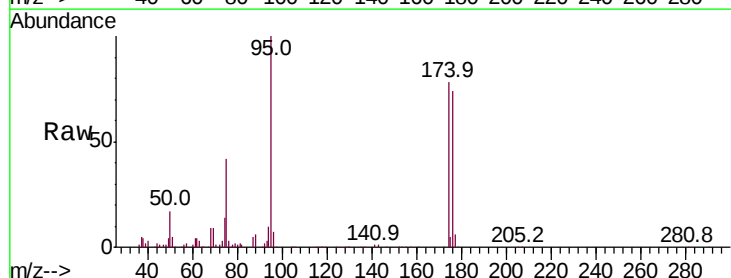
Tgt Ion: 95 Resp: 162380

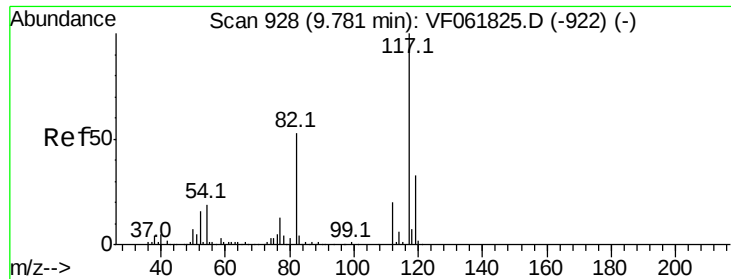
Ion Ratio Lower Upper

95 100

174 77.8 0.0 174.0

176 74.3 0.0 175.2

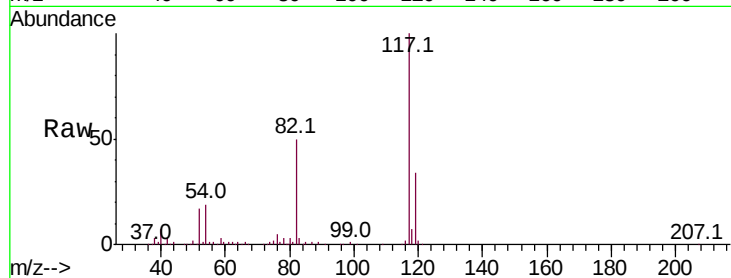




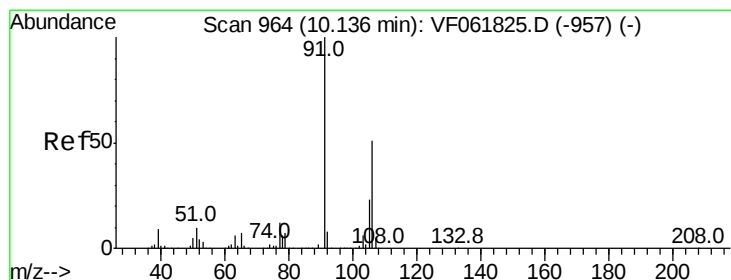
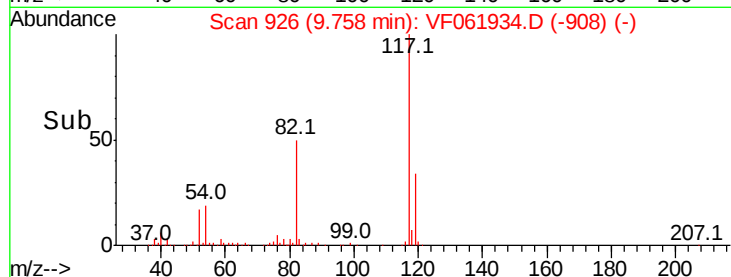
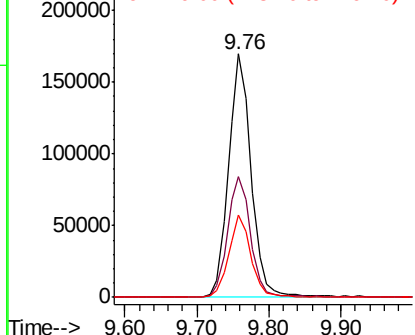
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061934.D
Acq: 13 Mar 2019 18:22

Instrument :
MSVOA_F
ClientSampleId :
OR-02-031219-B

Tot Ion:117 Resp: 371239
Ion Ratio Lower Upper
117 100
82 49.6 42.6 63.8
119 33.6 26.0 39.0

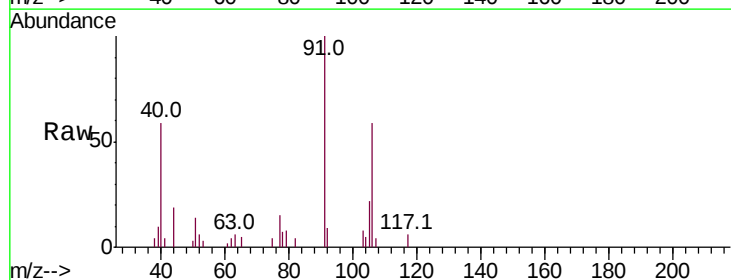


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

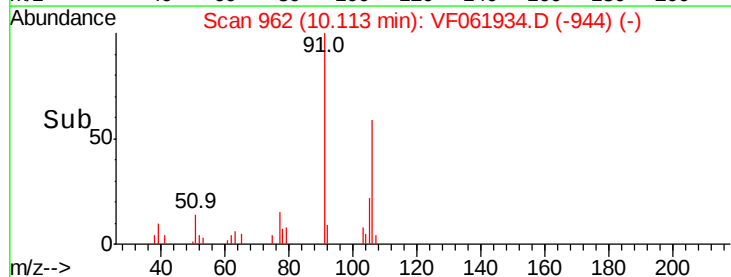
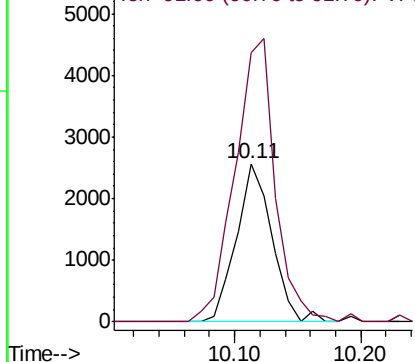


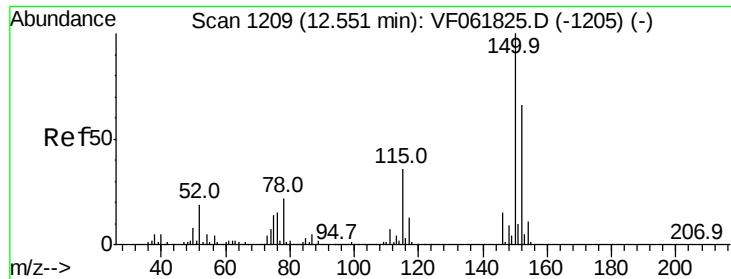
#68
m/p-Xylenes
Concen: 1.107 ug/l
RT: 10.11 min Scan# 962
Delta R.T. -0.02 min
Lab File: VF061934.D
Acq: 13 Mar 2019 18:22

Tgt Ion:106 Resp: 5012
Ion Ratio Lower Upper
106 100
91 170.2 157.5 236.3



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061934.D

Acq: 13 Mar 2019 18:22

Instrument :

MSVOA_F

ClientSampleId :

OR-02-031219-B

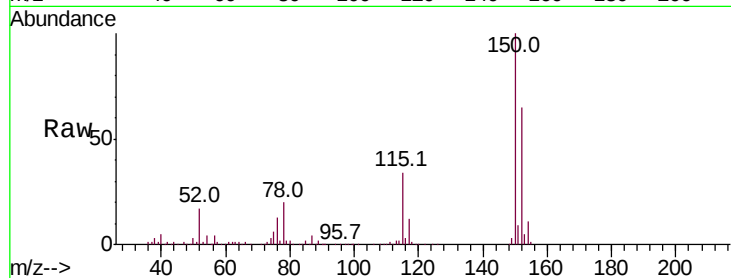
Tot Ion:152 Resp: 194104

Ion Ratio Lower Upper

152 100

115 51.9 27.7 83.1

150 153.3 0.0 304.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

