

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032519\
 Data File : VF062134.D
 Acq On : 25 Mar 2019 16:23
 Operator : VA/AP
 Sample : K2091-01
 Misc : 4.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DRUM-COMP

Quant Time: Mar 26 05:33:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

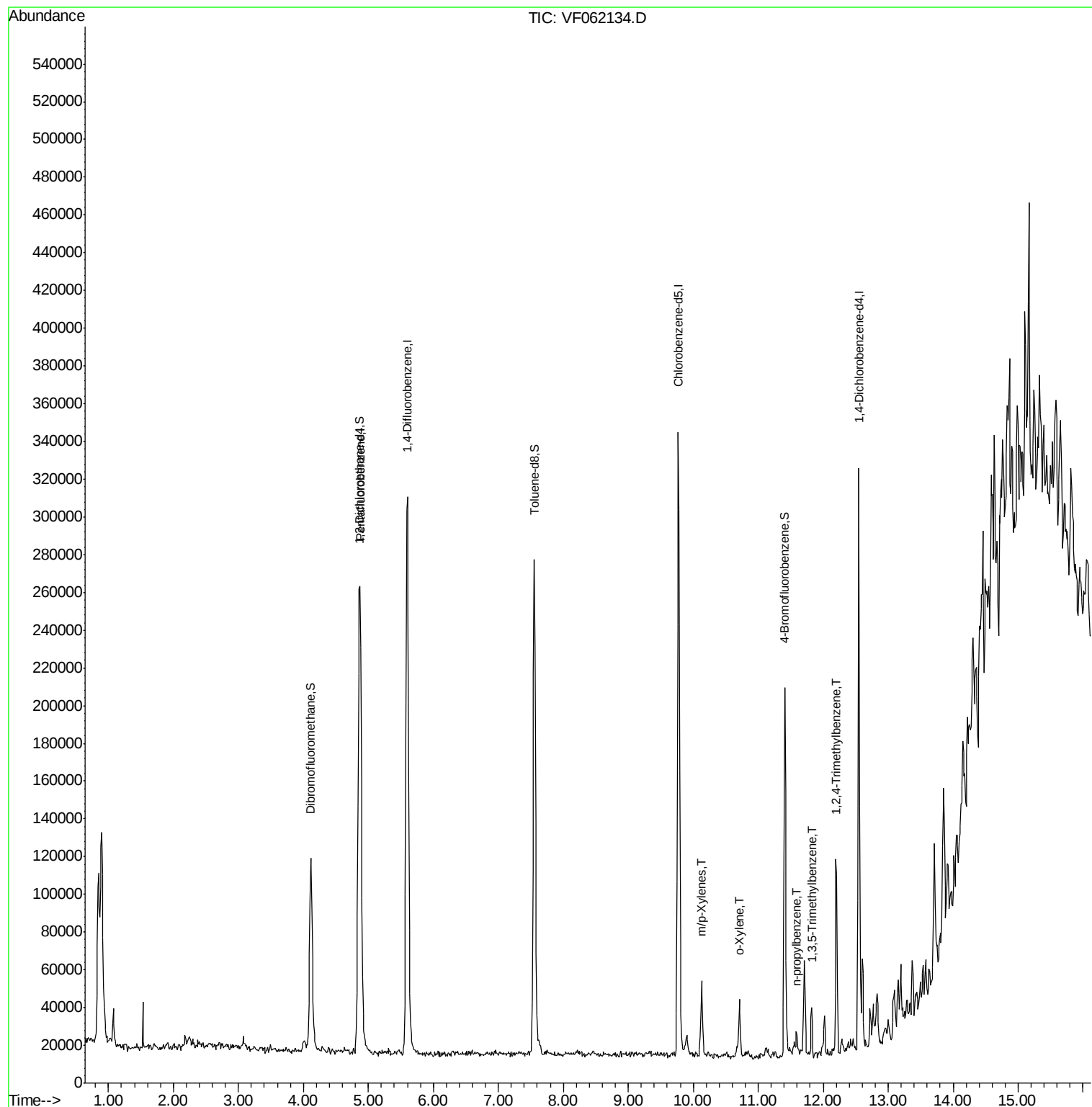
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	248643	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	388540	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.77	117	259656	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	93210	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	71315	38.56	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.12%	
35) Dibromofluoromethane	4.12	113	104410	39.73	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	79.46%	
50) Toluene-d8	7.55	98	234323	29.87	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	59.74%	
62) 4-Bromofluorobenzene	11.41	95	73164	24.16	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	48.32%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.13	106	13709	4.341	ug/l	88
69) o-Xylene	10.71	106	9070	2.742	ug/l	93
78) n-propylbenzene	11.60	91	8132	1.068	ug/l	100
80) 1,3,5-Trimethylbenzene	11.82	105	14289	2.649	ug/l	89
84) 1,2,4-Trimethylbenzene	12.21	105	54351	10.277	ug/l	96

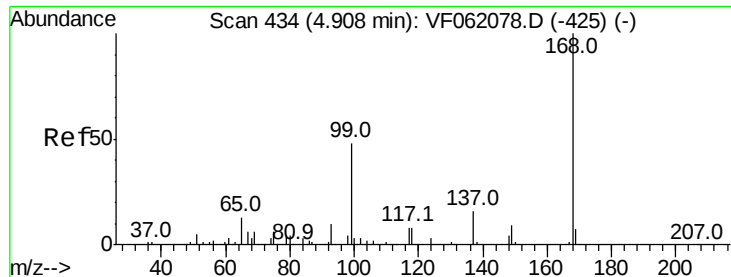
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF062134.D

Acq: 25 Mar 2019 16:23

Instrument :

MSVOA_F

ClientSampleId :

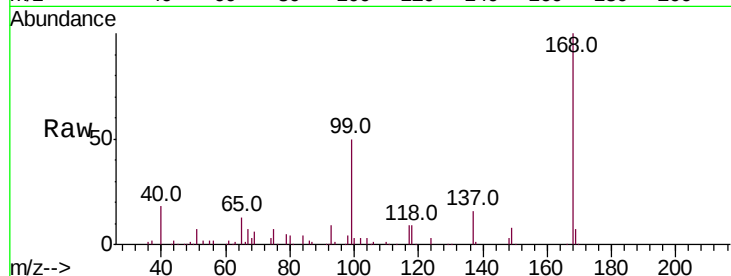
DRUM-COMP

Tot Ion:168 Resp: 248643

Ion Ratio Lower Upper

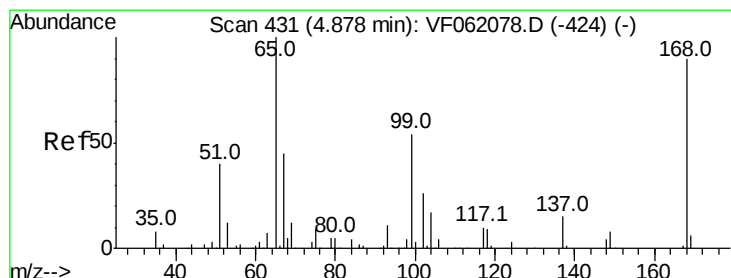
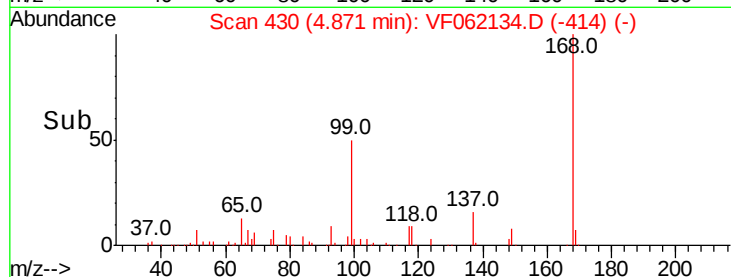
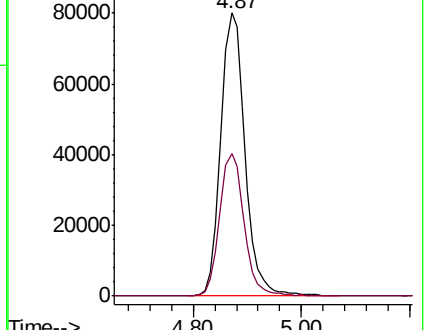
168 100

99 50.3 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 38.561 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF062134.D

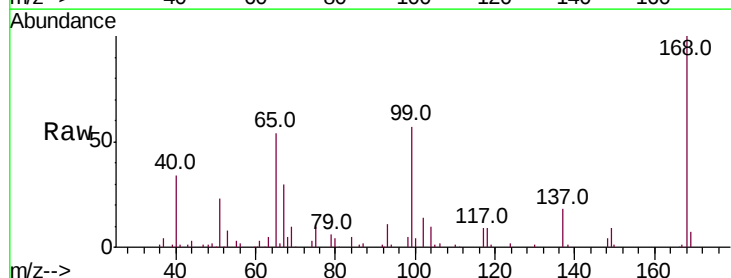
Acq: 25 Mar 2019 16:23

Tgt Ion: 65 Resp: 71315

Ion Ratio Lower Upper

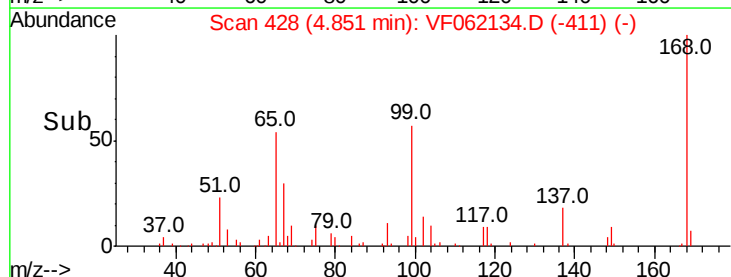
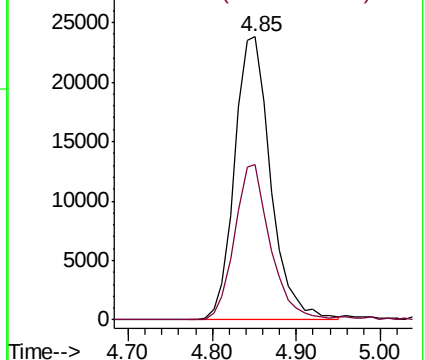
65 100

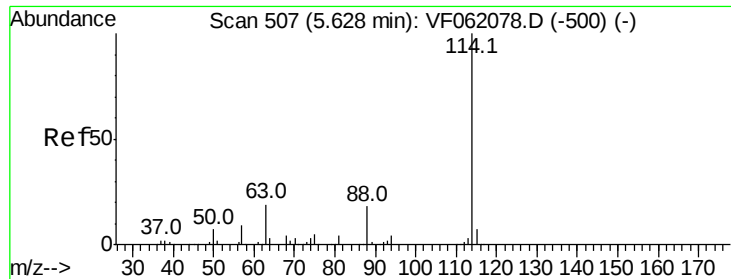
67 55.1 0.0 106.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.03 min

Lab File: VF062134.D

Acq: 25 Mar 2019 16:23

Instrument :

MSVOA_F

ClientSampleId :

DRUM-COMP

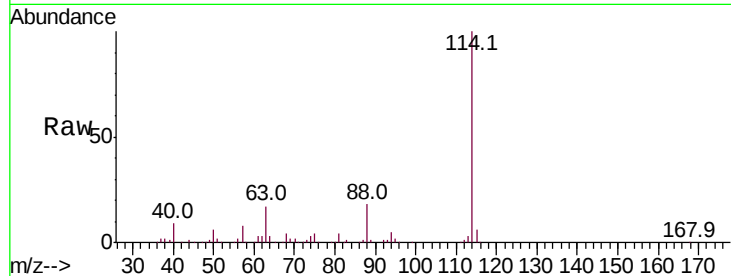
Tot Ion:114 Resp: 388540

Ion Ratio Lower Upper

114 100

63 16.8 0.0 37.8

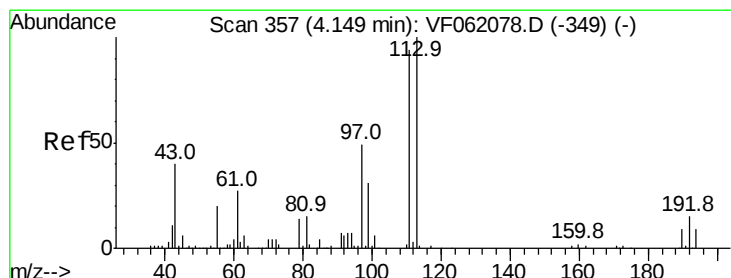
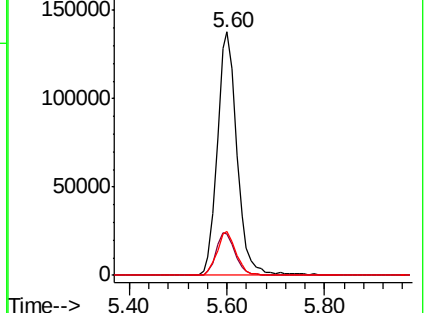
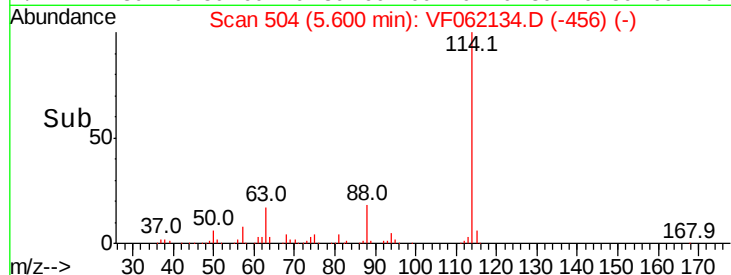
88 18.3 0.0 36.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 39.725 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.03 min

Lab File: VF062134.D

Acq: 25 Mar 2019 16:23

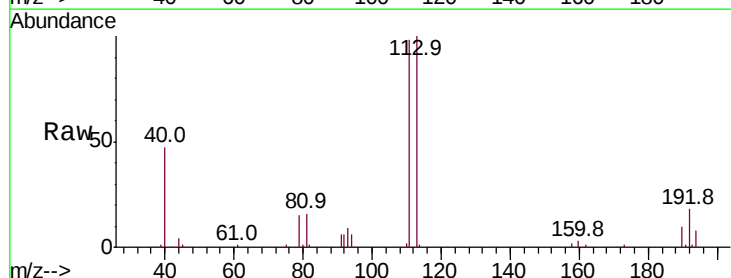
Tgt Ion:113 Resp: 104410

Ion Ratio Lower Upper

113 100

111 98.3 75.4 113.0

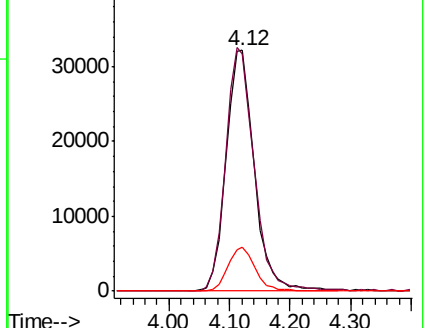
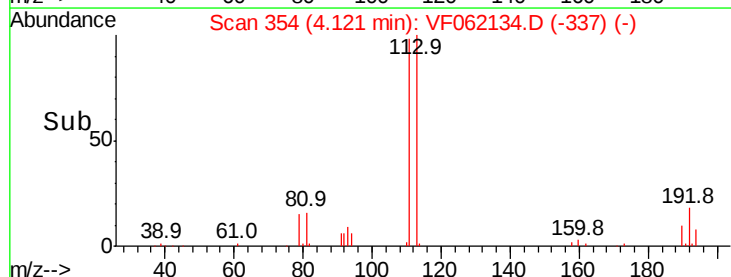
192 18.7 12.3 18.5#

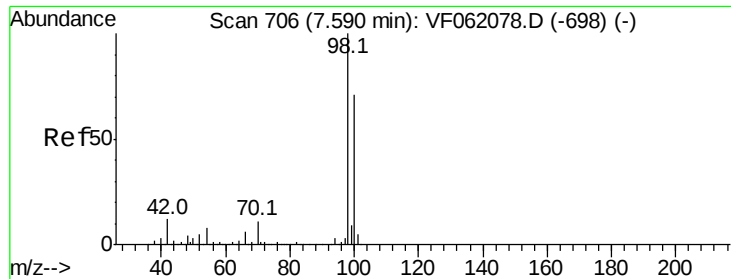


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

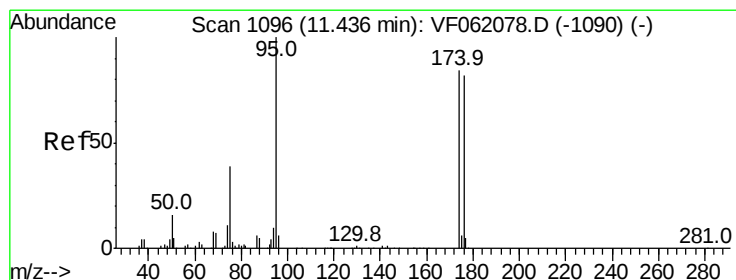
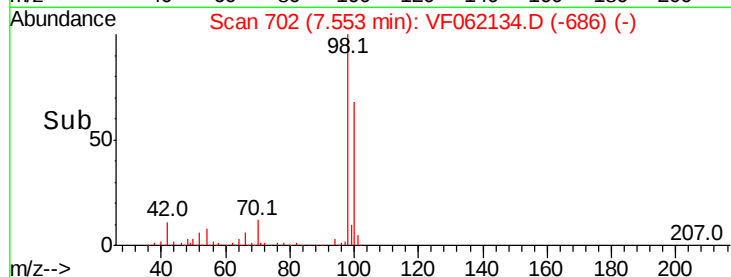
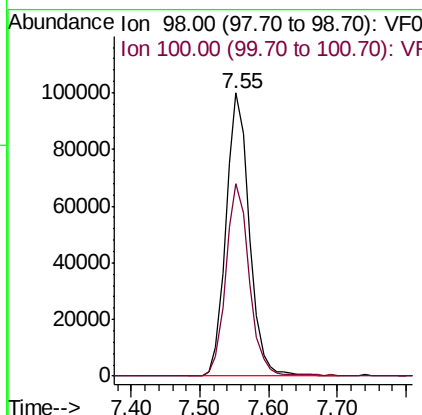
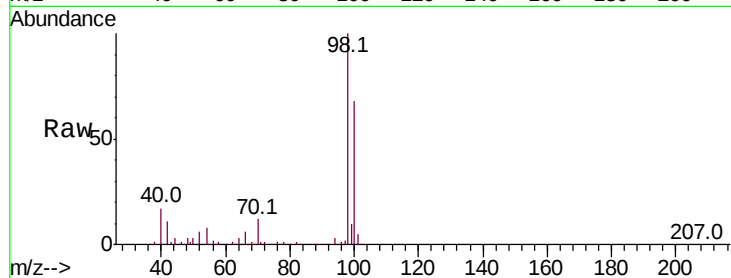




#50
Toluene-d8
Concen: 29.867 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF062134.D
Acq: 25 Mar 2019 16:23

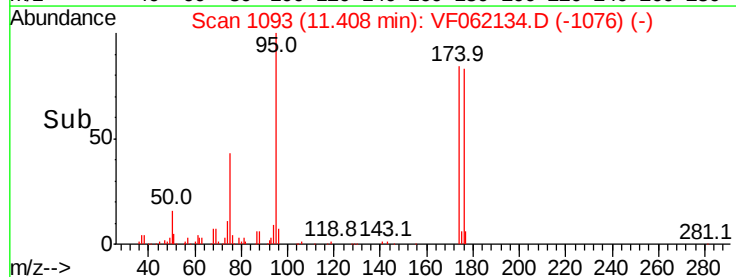
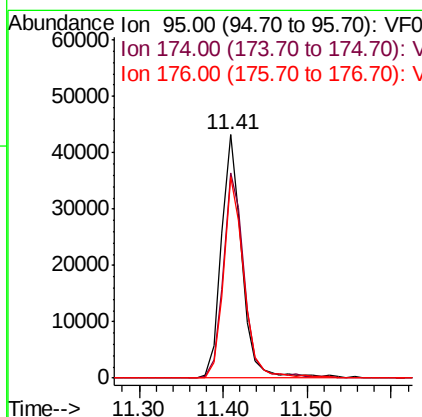
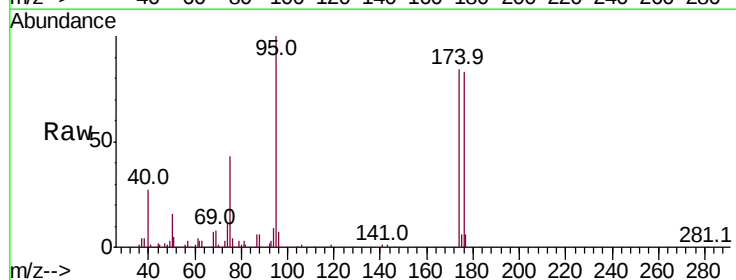
Instrument :
MSVOA_F
ClientSampleId :
DRUM-COMP

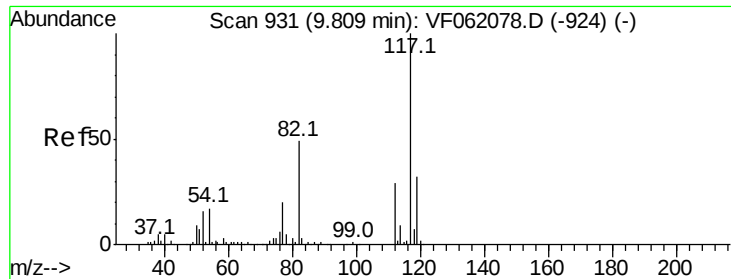
Tot Ion: 98 Resp: 234323
Ion Ratio Lower Upper
98 100
100 68.2 57.0 85.6



#62
4-Bromofluorobenzene
Concen: 24.156 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF062134.D
Acq: 25 Mar 2019 16:23

Tgt Ion: 95 Resp: 73164
Ion Ratio Lower Upper
95 100
174 84.4 0.0 168.2
176 82.5 0.0 164.2

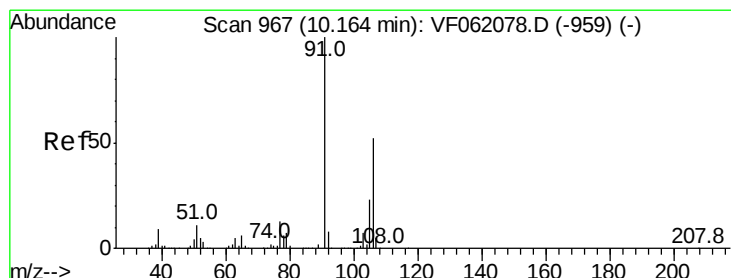
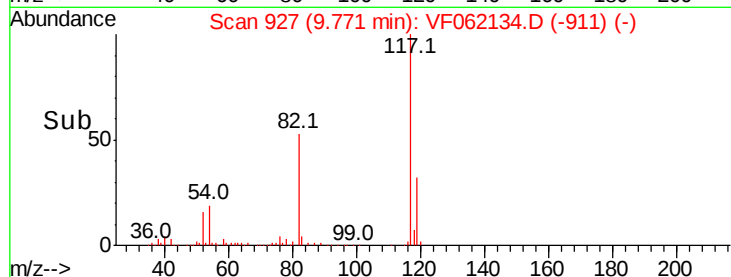
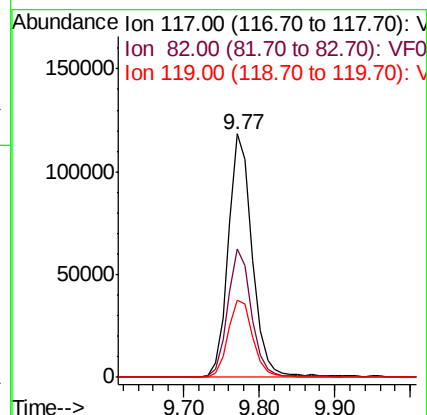
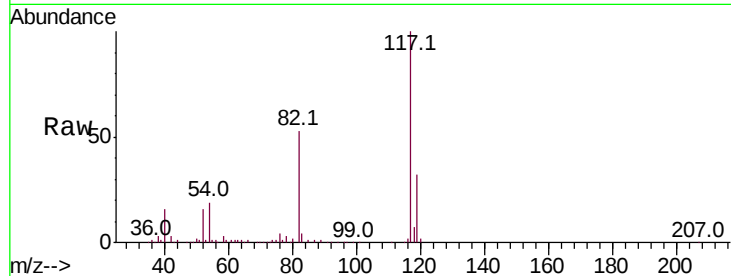




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF062134.D
Acq: 25 Mar 2019 16:23

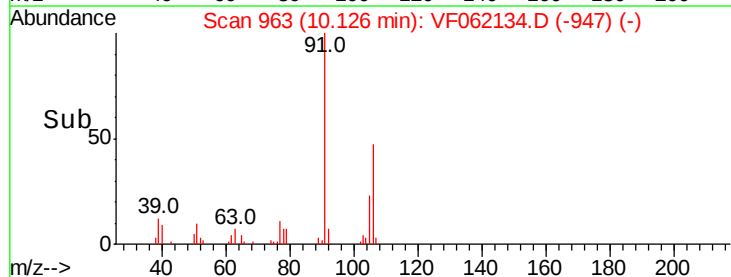
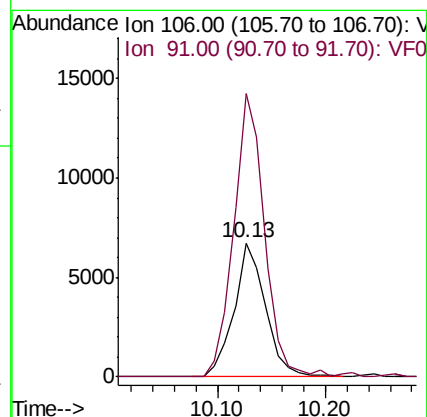
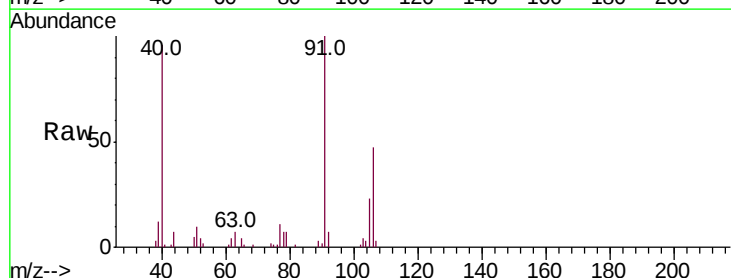
Instrument :
MSVOA_F
ClientSampleId :
DRUM-COMP

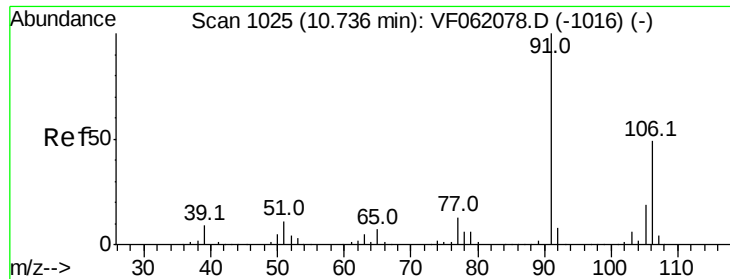
Tot Ion:117 Resp: 259656
Ion Ratio Lower Upper
117 100
82 52.9 39.2 58.8
119 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 4.341 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF062134.D
Acq: 25 Mar 2019 16:23

Tgt Ion:106 Resp: 13709
Ion Ratio Lower Upper
106 100
91 211.4 154.4 231.6

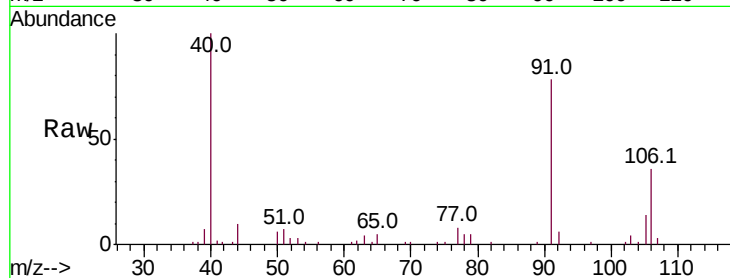




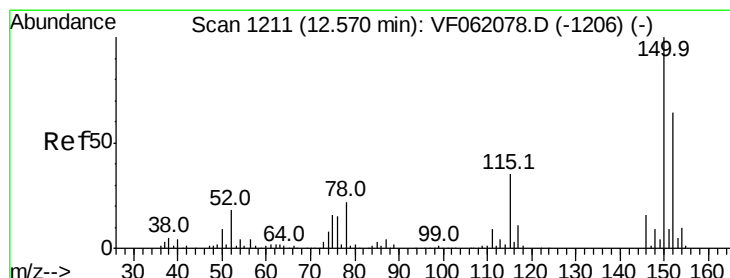
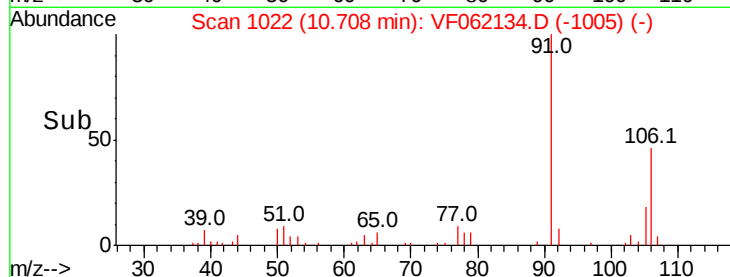
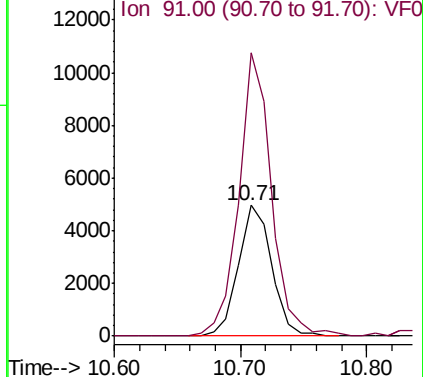
#69
o-Xylene
Concen: 2.742 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.03 min
Lab File: VF062134.D
Acq: 25 Mar 2019 16:23

Instrument :
MSVOA_F
ClientSampleId :
DRUM-COMP

Tot Ion:106 Resp: 9070
Ion Ratio Lower Upper
106 100
91 216.7 102.6 307.8

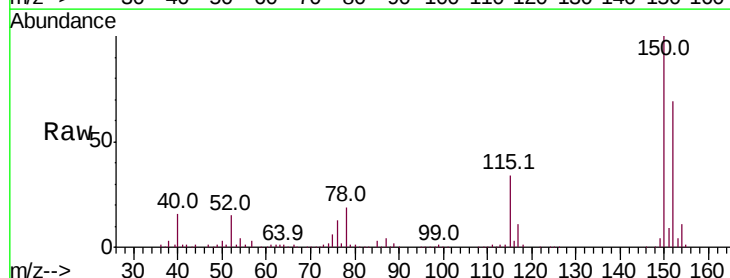


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

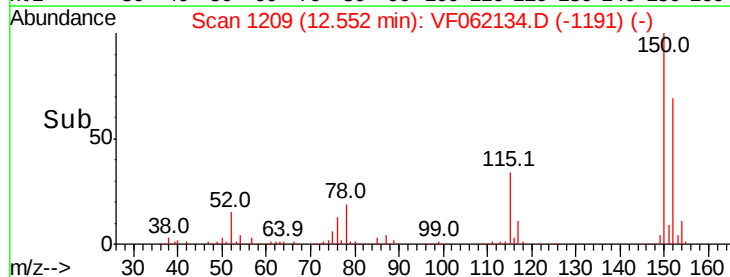
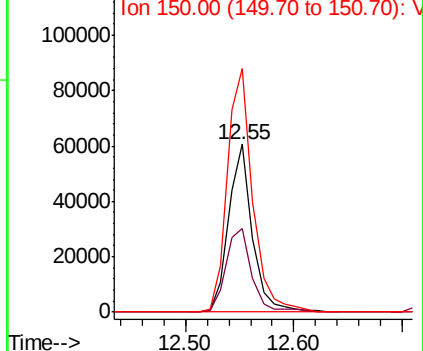


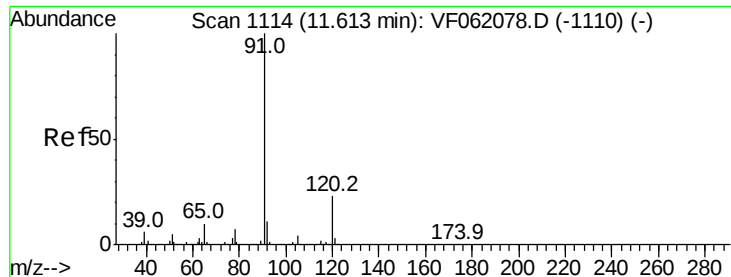
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF062134.D
Acq: 25 Mar 2019 16:23

Tgt Ion:152 Resp: 93210
Ion Ratio Lower Upper
152 100
115 49.9 27.7 83.1
150 144.9 0.0 313.2



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





#78

n-propylbenzene

Concen: 1.068 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062134.D

Acq: 25 Mar 2019 16:23

Instrument :

MSVOA_F

ClientSampleId :

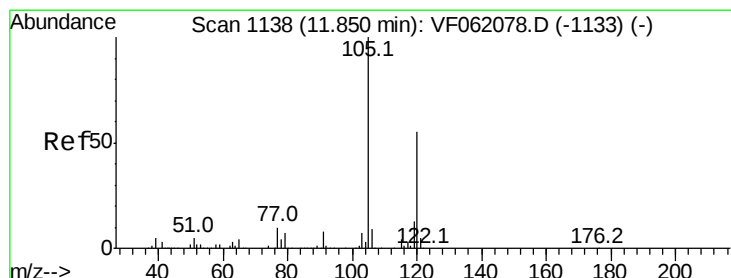
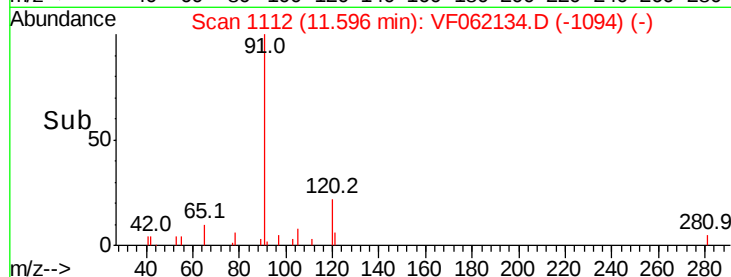
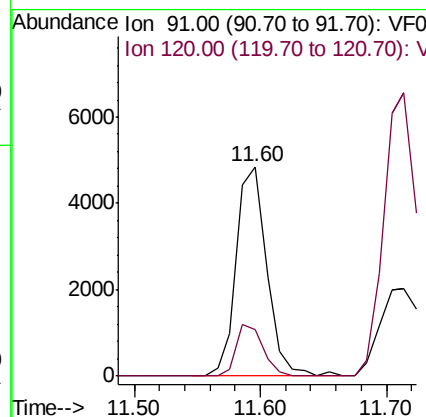
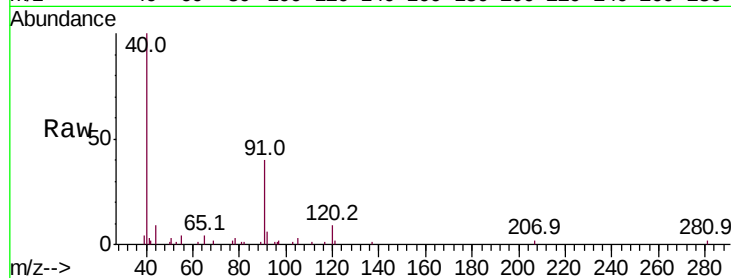
DRUM-COMP

Tot Ion: 91 Resp: 8132

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8



#80

1,3,5-Trimethylbenzene

Concen: 2.649 ug/l

RT: 11.82 min Scan# 1135

Delta R.T. -0.03 min

Lab File: VF062134.D

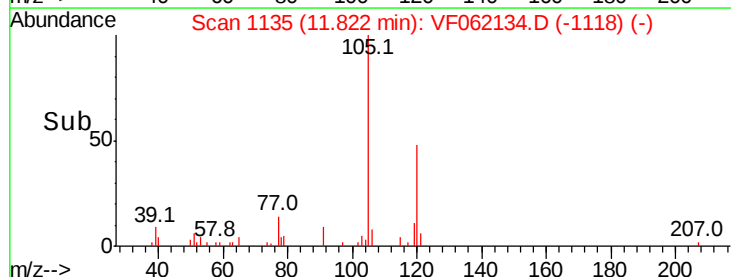
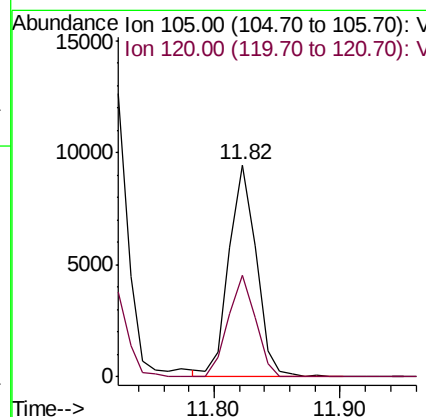
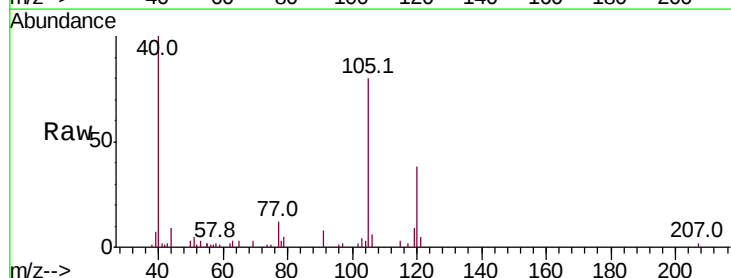
Acq: 25 Mar 2019 16:23

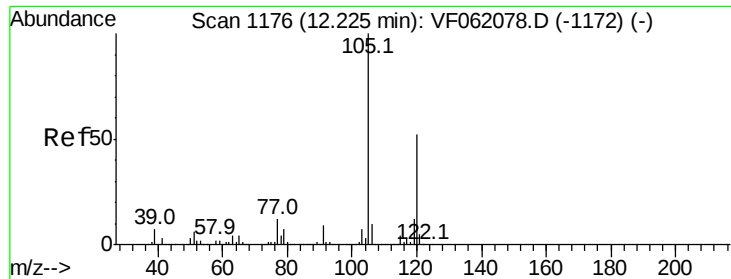
Tgt Ion:105 Resp: 14289

Ion Ratio Lower Upper

105 100

120 47.7 27.8 83.3





#84

1,2,4-Trimethylbenzene

Concen: 10.277 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. -0.02 min

Lab File: VF062134.D

Acq: 25 Mar 2019 16:23

Instrument :

MSVOA_F

ClientSampleId :

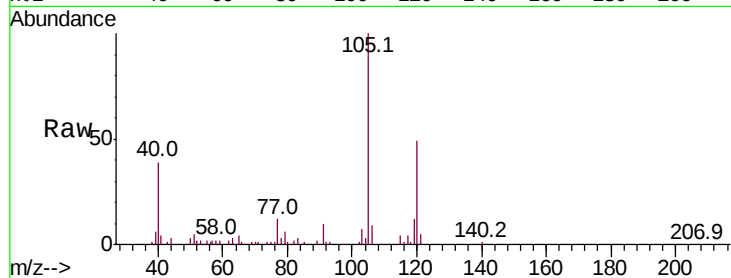
DRUM-COMP

Tot Ion:105 Resp: 54351

Ion Ratio Lower Upper

105 100

120 49.1 26.1 78.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

