

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060962.D
 Acq On : 10 Dec 2018 19:18
 Operator : VA/AP
 Sample : J6306-01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VB-16204

Quant Time: Dec 11 06:26:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

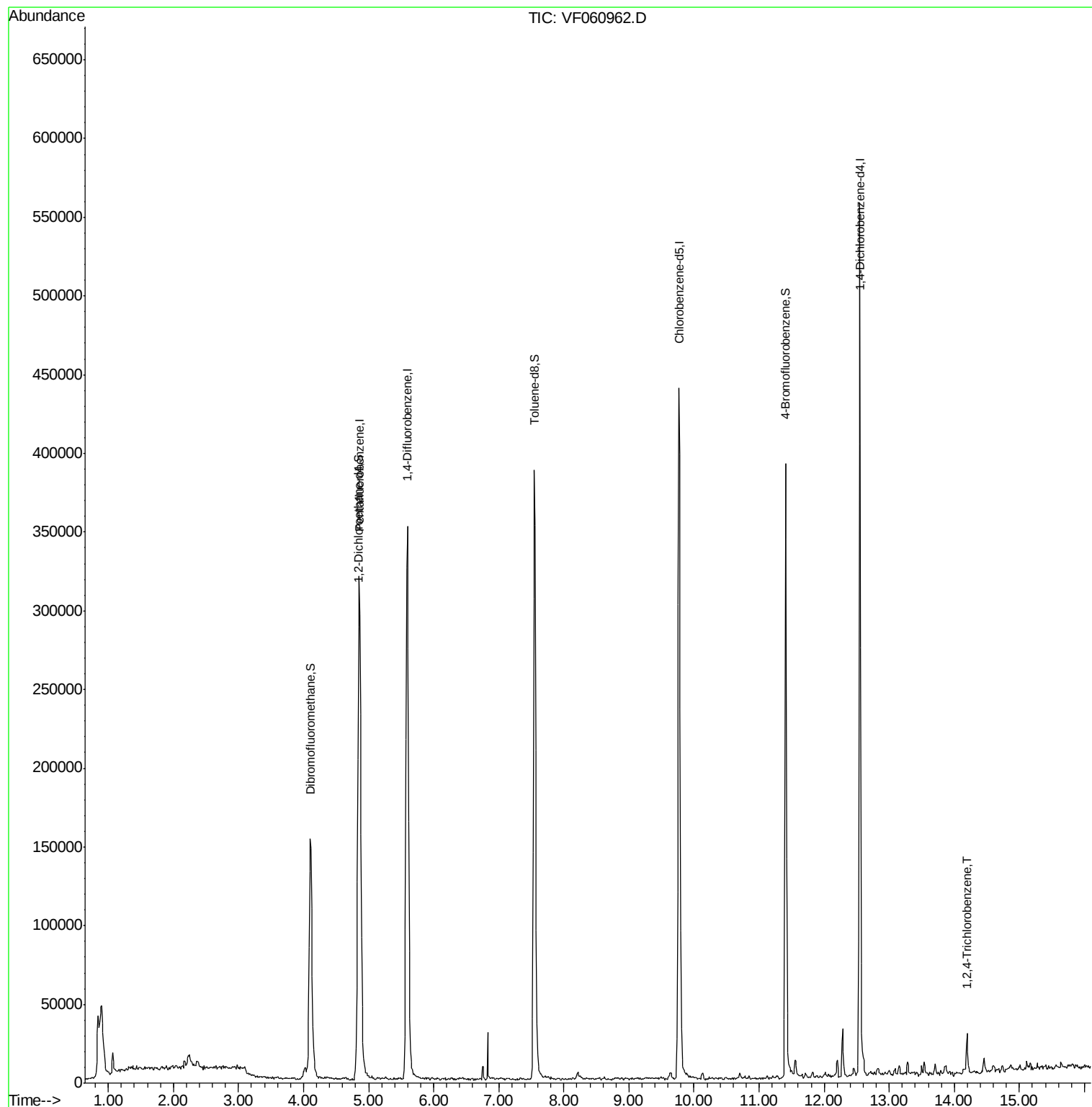
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	234329	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	394357	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	318392	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	134860	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	138551	50.19	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	4.11	113	150228	48.02	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	7.55	98	334680	36.32	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	72.64%	
62) 4-Bromofluorobenzene	11.40	95	155518	37.13	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	74.26%	
Target Compounds						
93) 1,2,4-Trichlorobenzene	14.20	180	6369m	2.166	ug/l	Qvalue

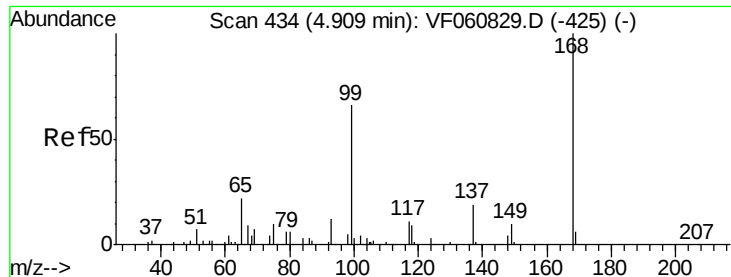
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.04 min

Lab File: VF060962.D

Acq: 10 Dec 2018 19:18

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ClientSampleId :

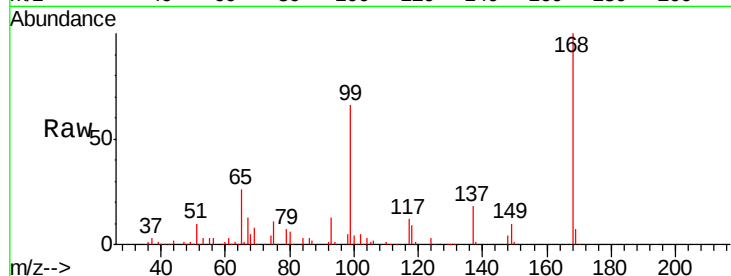
VB-16204

Tgt Ion:168 Resp: 234329

Ion Ratio Lower Upper

168 100

99 65.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

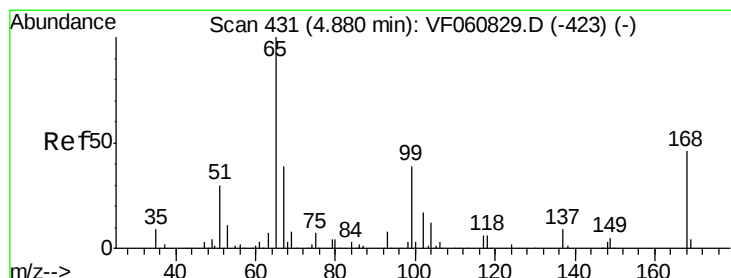
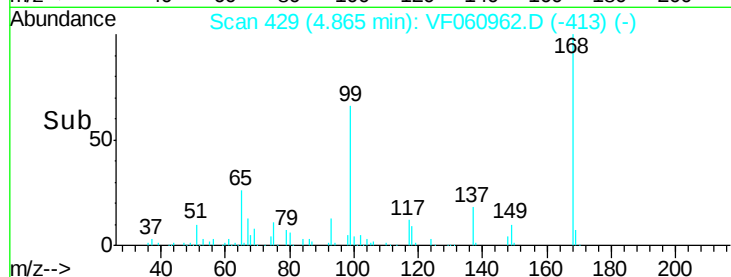
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 50.191 ug/l

RT: 4.84 min Scan# 426

Delta R.T. -0.04 min

Lab File: VF060962.D

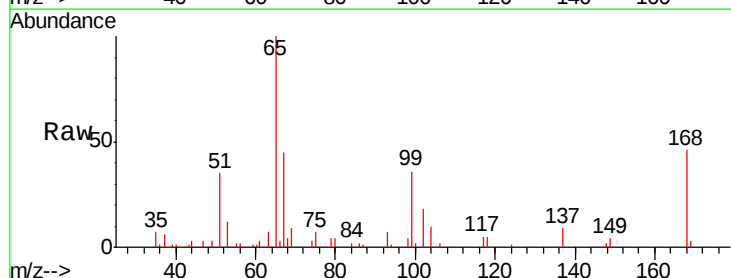
Acq: 10 Dec 2018 19:18

Tgt Ion: 65 Resp: 138551

Ion Ratio Lower Upper

65 100

67 44.6 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

50000

40000

30000

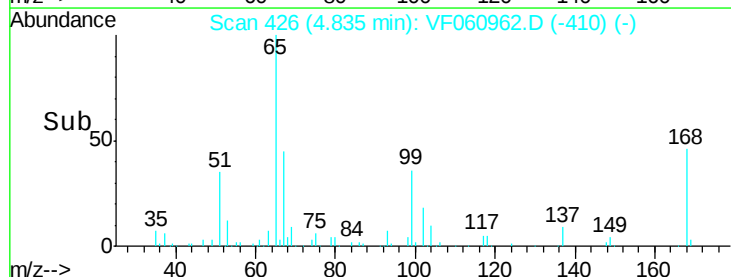
20000

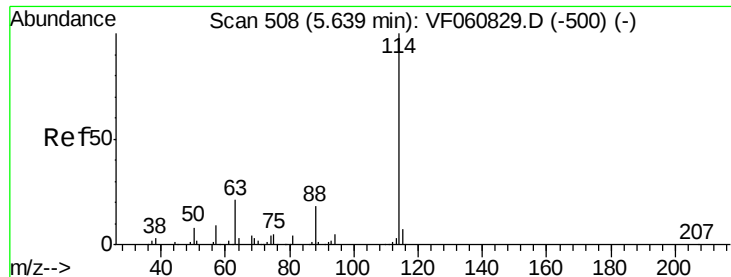
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.04 min

Lab File: VF060962.D

Acq: 10 Dec 2018 19:18

Instrument :

MSVOA_F

ClientSampleId :

VB-16204

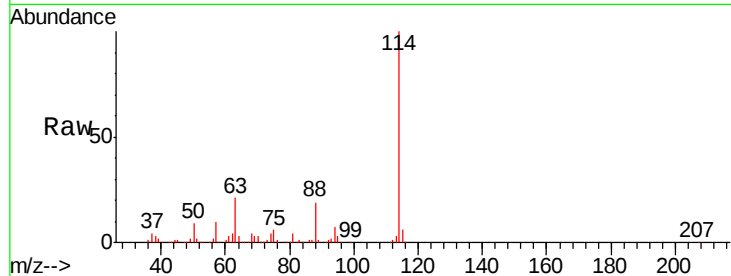
Tgt Ion:114 Resp: 394357

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

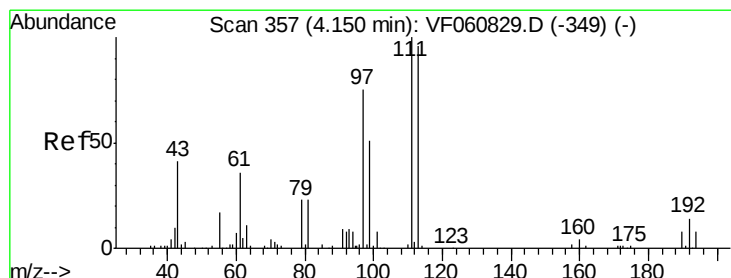
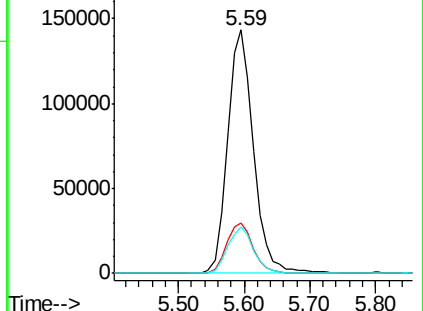
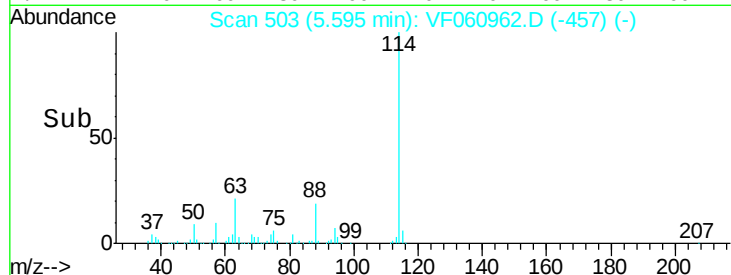
88 19.2 0.0 36.6



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: 48.019 ug/l

RT: 4.11 min Scan# 352

Delta R.T. -0.04 min

Lab File: VF060962.D

Acq: 10 Dec 2018 19:18

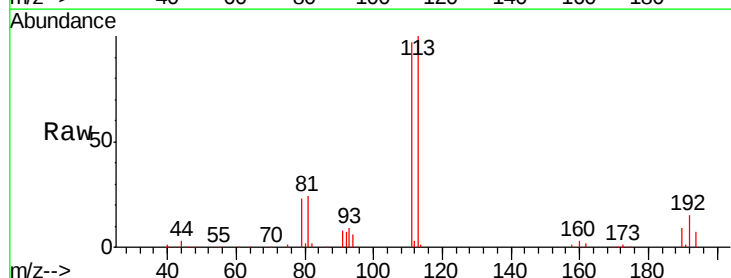
Tgt Ion:113 Resp: 150228

Ion Ratio Lower Upper

113 100

111 96.8 83.0 124.6

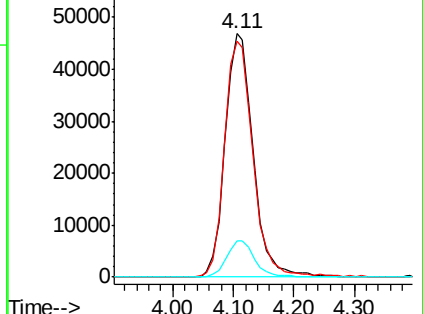
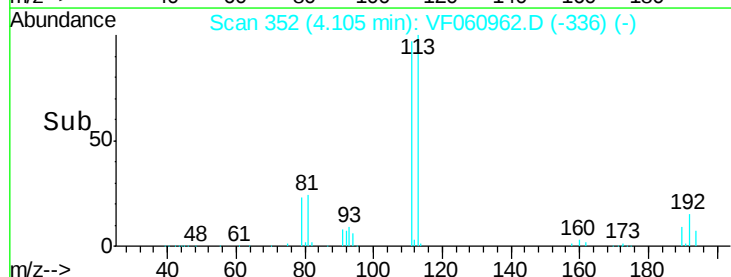
192 14.8 12.3 18.5

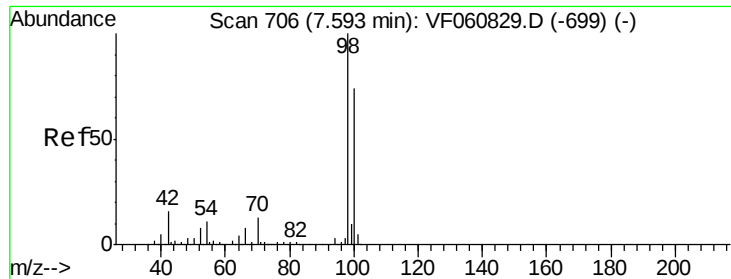


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

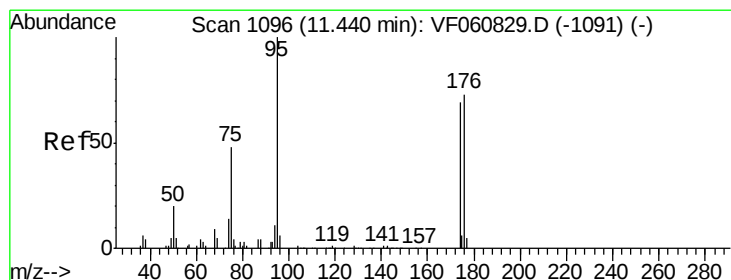
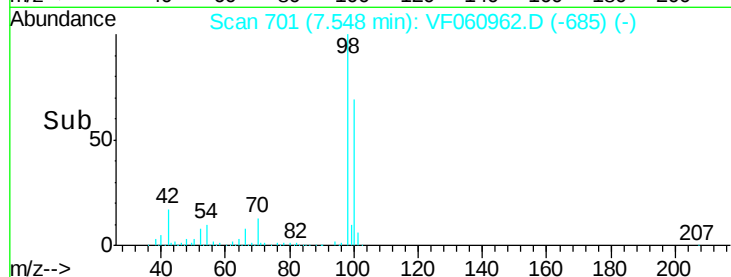
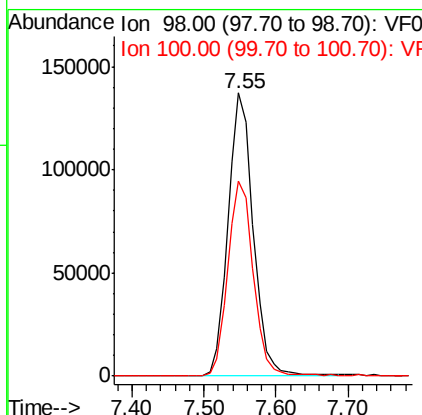
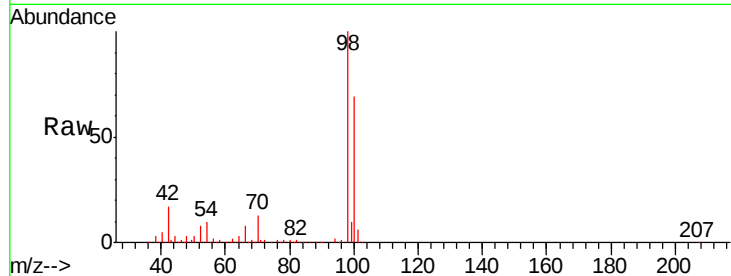




#50
Toluene-d8
Concen: 36.316 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

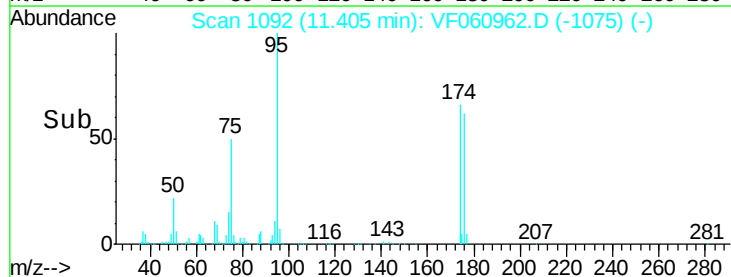
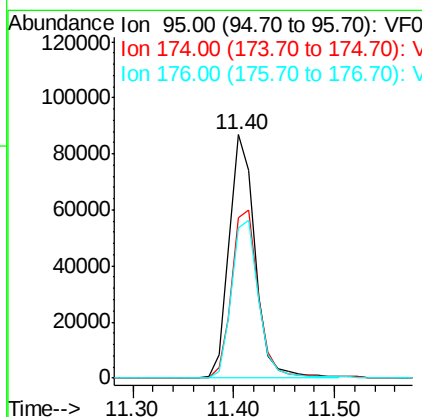
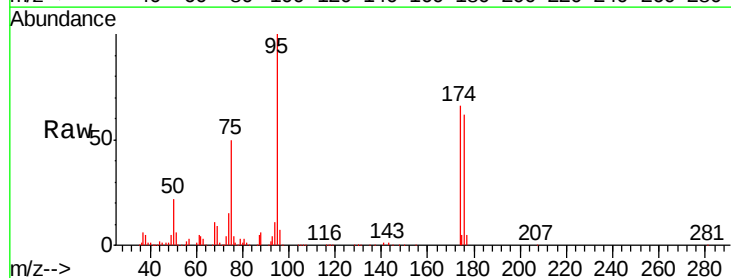
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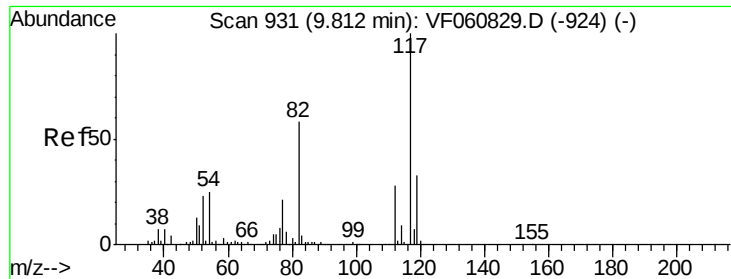
Tgt Ion: 98 Resp: 334680
Ion Ratio Lower Upper
98 100
100 69.0 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 37.131 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion: 95 Resp: 155518
Ion Ratio Lower Upper
95 100
174 65.6 0.0 138.2
176 61.8 0.0 146.2

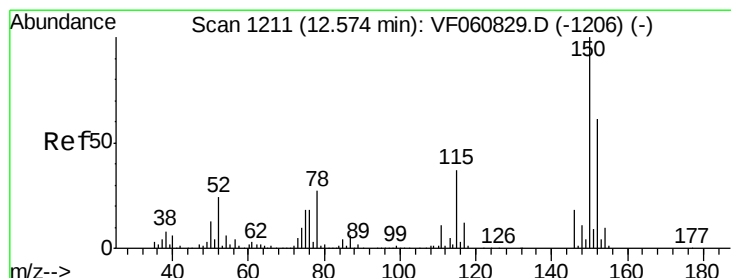
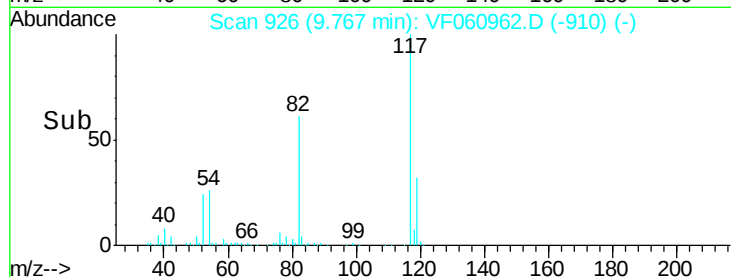
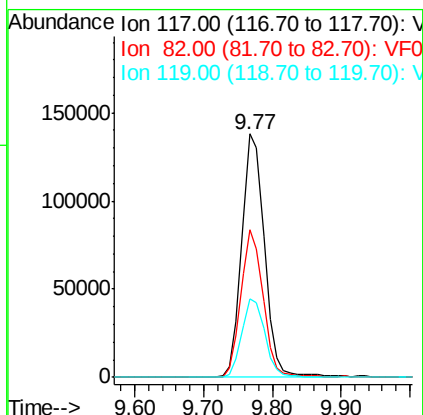
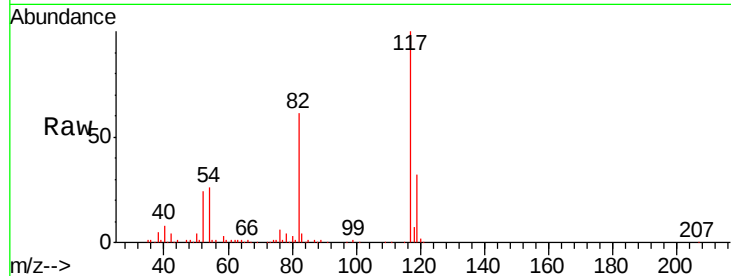




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

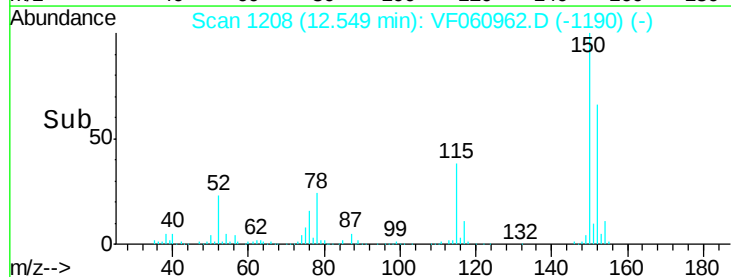
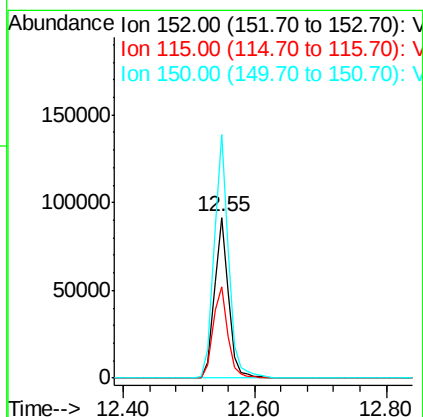
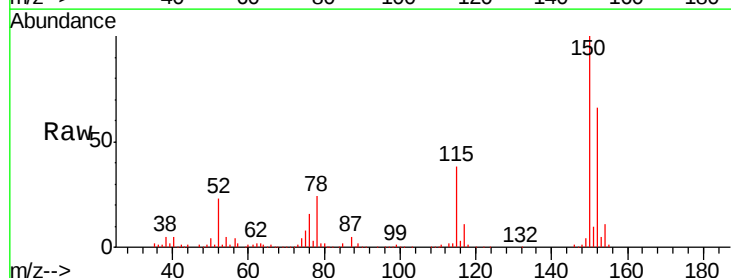
Instrument :
MSVOA_F
ClientSampleId :
VB-16204

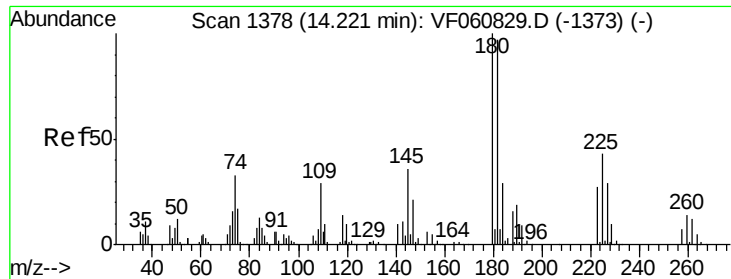
Tgt Ion:117 Resp: 318392
Ion Ratio Lower Upper
117 100
82 60.5 46.6 69.8
119 32.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion:152 Resp: 134860
Ion Ratio Lower Upper
152 100
115 57.0 30.1 90.5
150 151.8 0.0 327.6





#93

1,2,4-Trichlorobenzene

Concen: 2.166 ug/l m

RT: 14.20 min Scan# 1375

Delta R.T. -0.03 min

Lab File: VF060962.D

Acq: 10 Dec 2018 19:18

Instrument :

MSVOA_F

ClientSampleId :

VB-16204

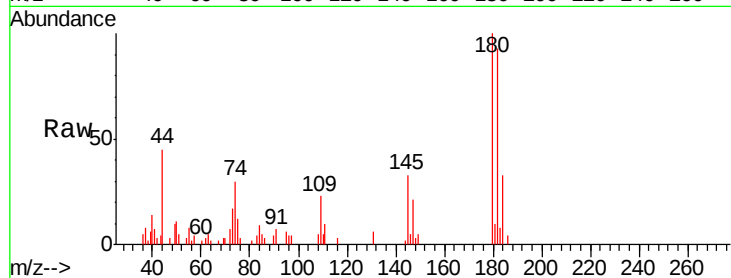
Tgt Ion:180 Resp: 6369

Ion Ratio Lower Upper

180 100

182 92.6 48.5 145.5

145 32.9 18.1 54.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

