

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061871.D
 Acq On : 8 Mar 2019 19:15
 Operator : VA/AP
 Sample : K1807-13
 Misc : 5.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-7

Quant Time: Mar 09 02:30:59 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	4.85	168	257566	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	403812	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	358455	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	207779	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	117763	62.78	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	125.56%	
35) Dibromofluoromethane	4.10	113	166119	58.95	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	117.90%	
50) Toluene-d8	7.54	98	427066	50.99	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.40	95	186998	56.99	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.98%	

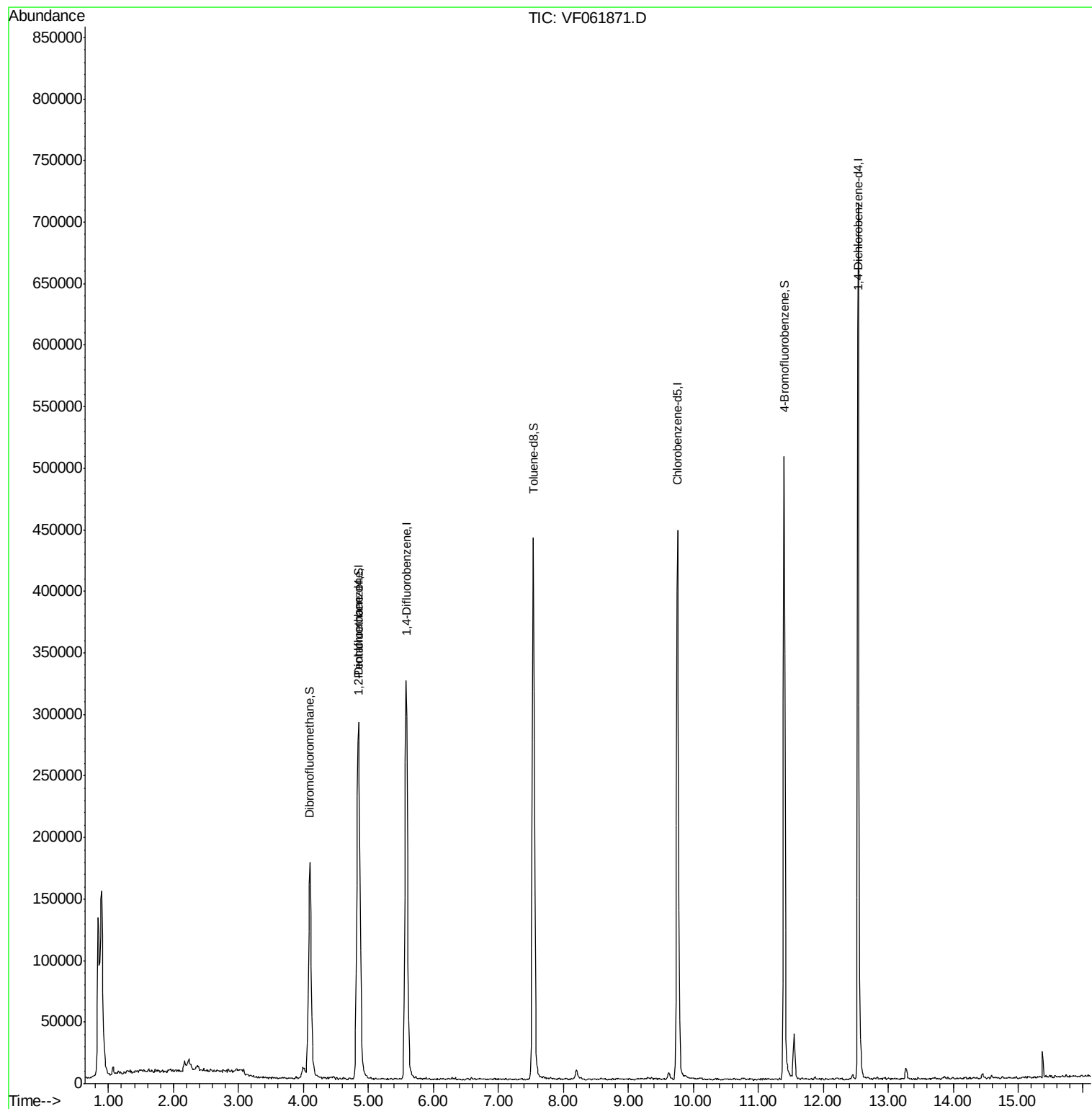
Target Compounds	Qvalue

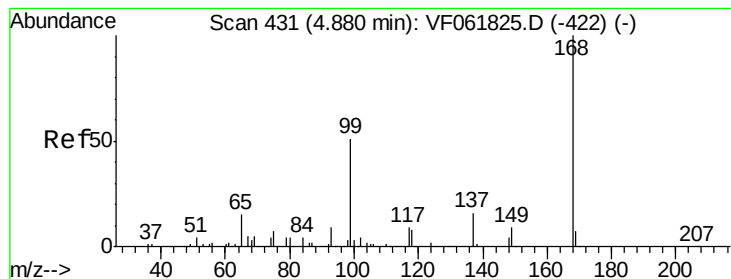
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061871.D

Acq: 8 Mar 2019 19:15

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ClientSampleId :

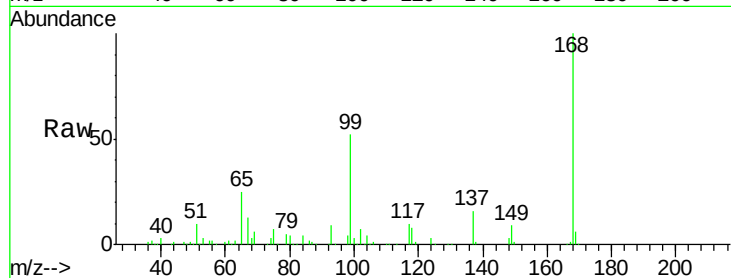
TP-7

Tot Ion:168 Resp: 257566

Ion Ratio Lower Upper

168 100

99 51.9 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

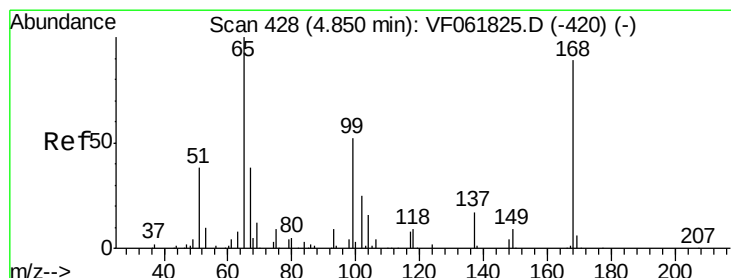
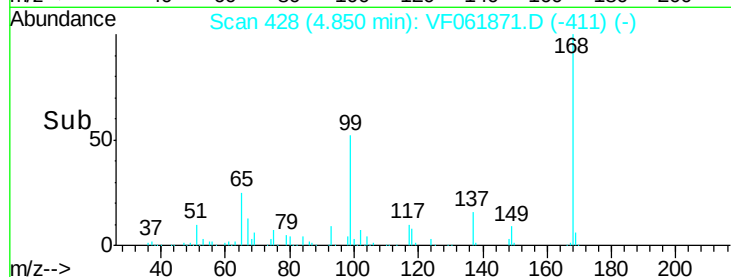
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.783 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061871.D

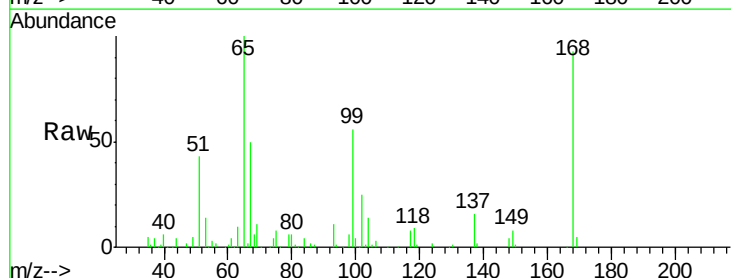
Acq: 8 Mar 2019 19:15

Tgt Ion: 65 Resp: 117763

Ion Ratio Lower Upper

65 100

67 49.6 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

40000

30000

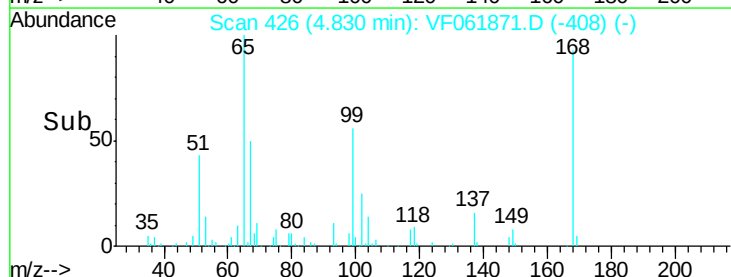
20000

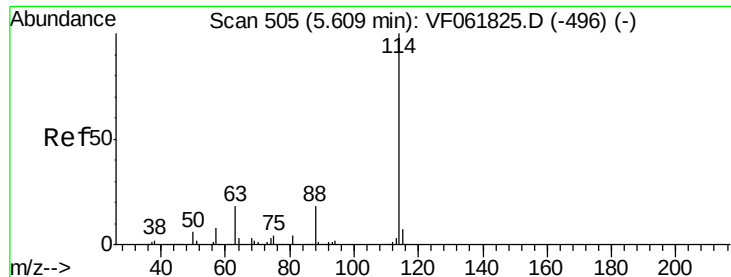
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061871.D

Acq: 8 Mar 2019 19:15

Instrument :

MSVOA_F

ClientSampleId :

TP-7

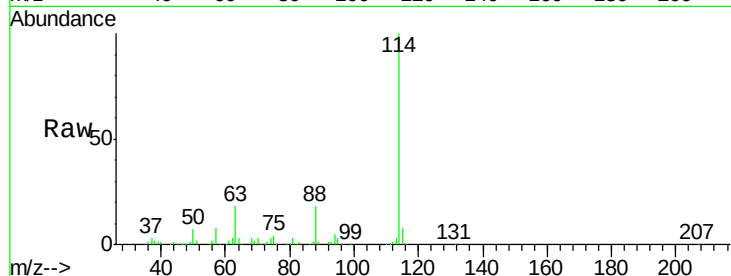
Tot Ion:114 Resp: 403812

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

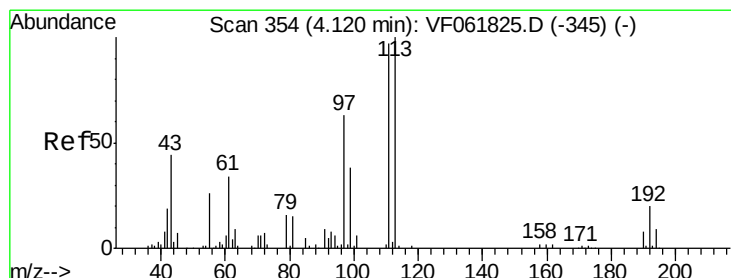
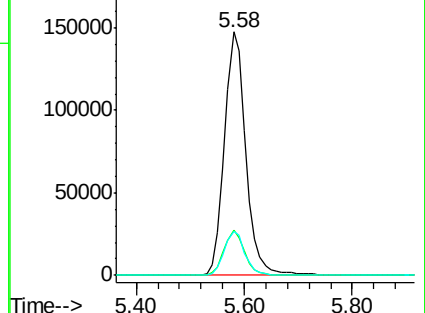
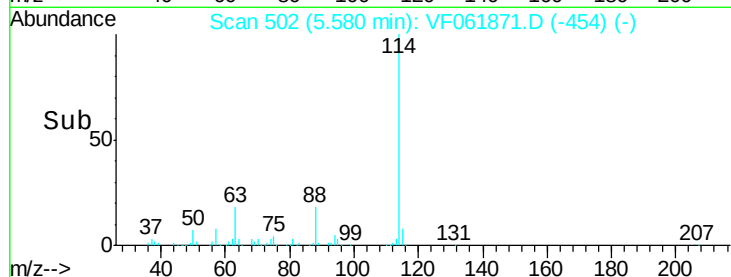
88 17.8 0.0 35.6



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: 58.948 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061871.D

Acq: 8 Mar 2019 19:15

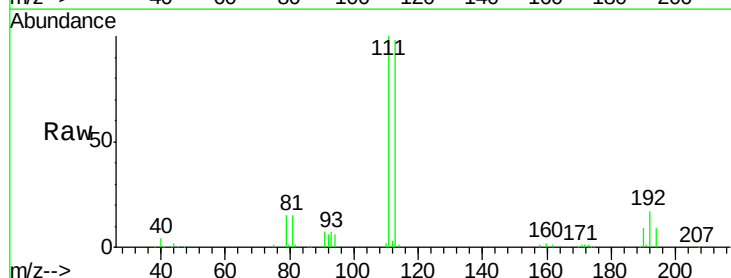
Tgt Ion:113 Resp: 166119

Ion Ratio Lower Upper

113 100

111 102.0 77.6 116.4

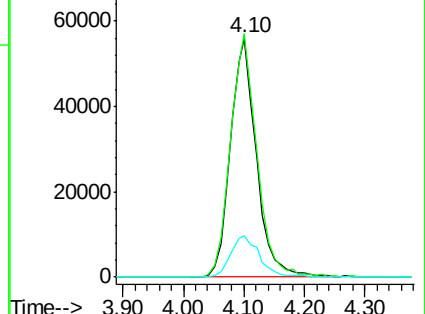
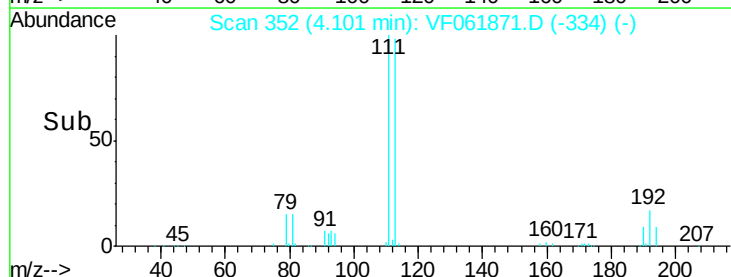
192 17.5 15.9 23.9

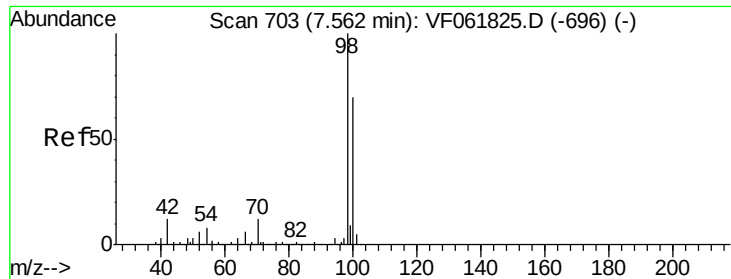


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

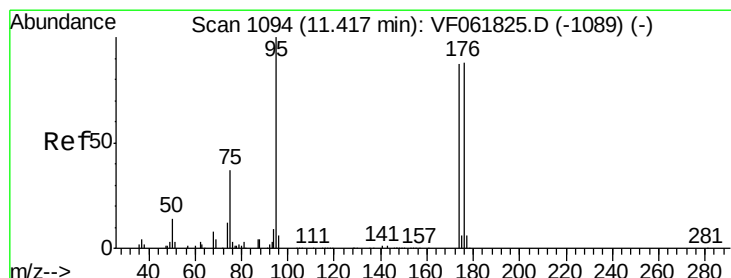
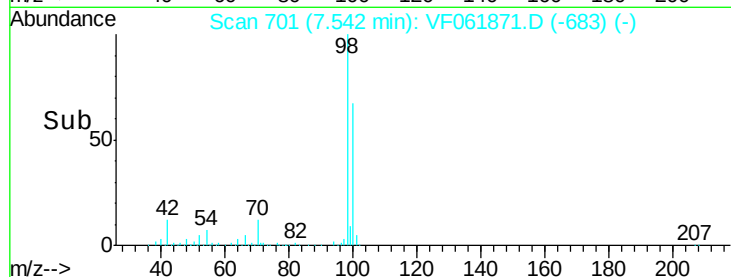
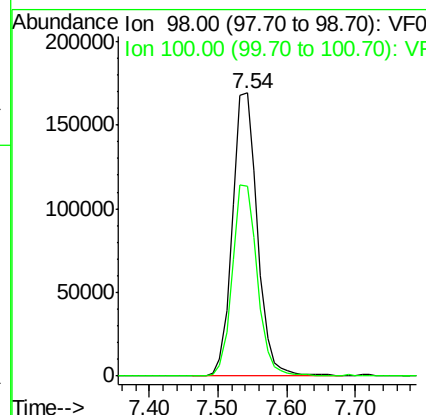
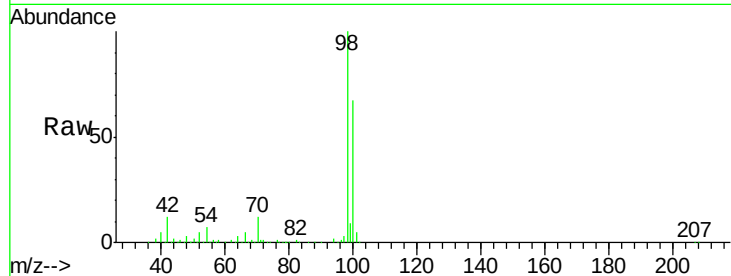




#50
Toluene-d8
Concen: 50.986 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061871.D
Acq: 8 Mar 2019 19:15

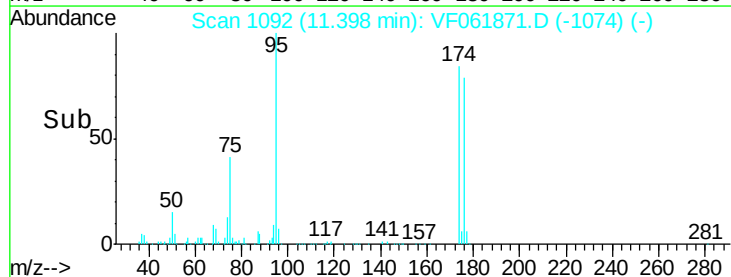
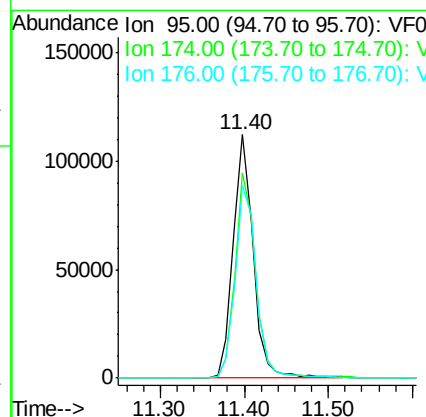
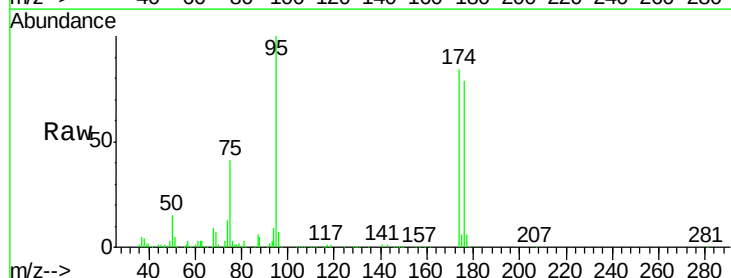
Instrument :
MSVOA_F
ClientSampleId :
TP-7

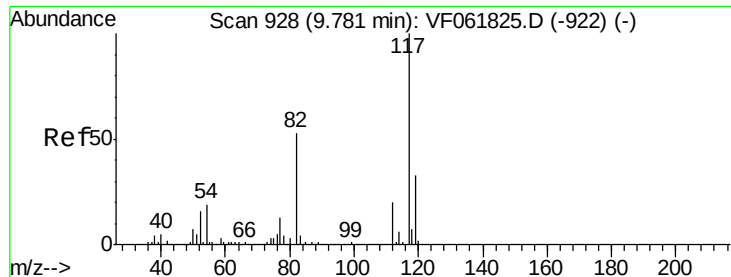
Tot Ion: 98 Resp: 427066
Ion Ratio Lower Upper
98 100
100 67.3 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 56.991 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061871.D
Acq: 8 Mar 2019 19:15

Tgt Ion: 95 Resp: 186998
Ion Ratio Lower Upper
95 100
174 84.3 0.0 174.0
176 79.2 0.0 175.2

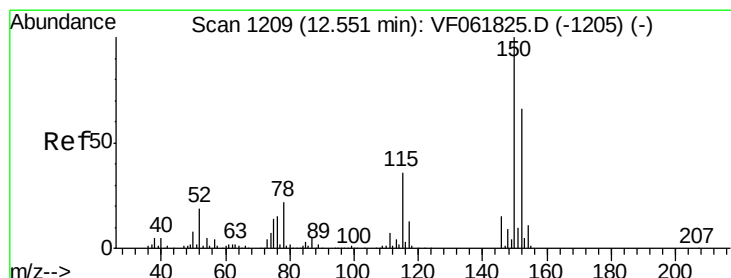
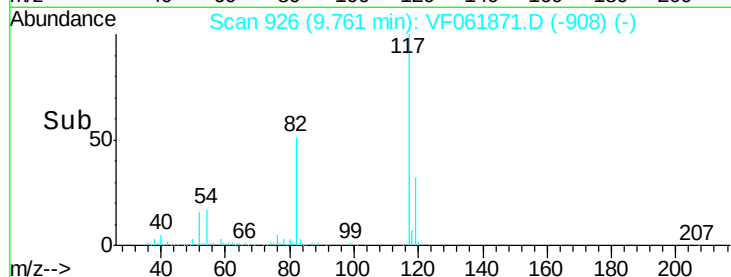
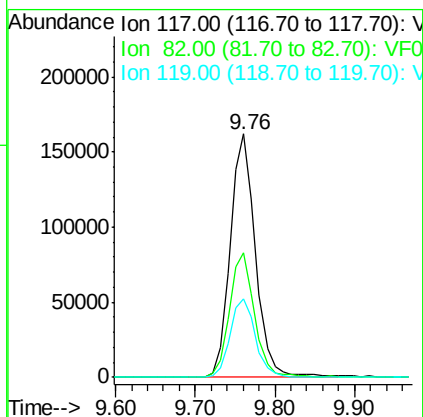
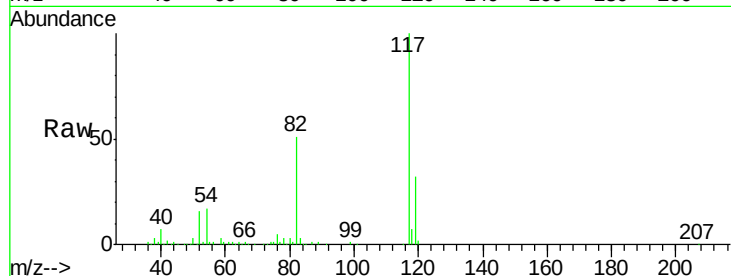




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061871.D
Acq: 8 Mar 2019 19:15

Instrument :
MSVOA_F
ClientSampleId :
TP-7

Tot Ion:117 Resp: 358455
Ion Ratio Lower Upper
117 100
82 51.1 42.6 63.8
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061871.D
Acq: 8 Mar 2019 19:15

Tgt Ion:152 Resp: 207779
Ion Ratio Lower Upper
152 100
115 53.2 27.7 83.1
150 154.0 0.0 304.2

