

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061595.D
 Acq On : 11 Feb 2019 19:34
 Operator : VA/AP
 Sample : K1461-05
 Misc : 5.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-4

Quant Time: Feb 12 04:58:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	11963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	17338	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	10162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	2398	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	3270	22.14	ug/l	0.00
Spiked Amount			Recovery	=	44.28%	
35) Dibromofluoromethane	4.09	113	5130	37.50	ug/l	0.00
Spiked Amount			Recovery	=	75.00%	
50) Toluene-d8	7.54	98	16307	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	
62) 4-Bromofluorobenzene	11.39	95	3741	21.36	ug/l	0.00
Spiked Amount			Recovery	=	42.72%	

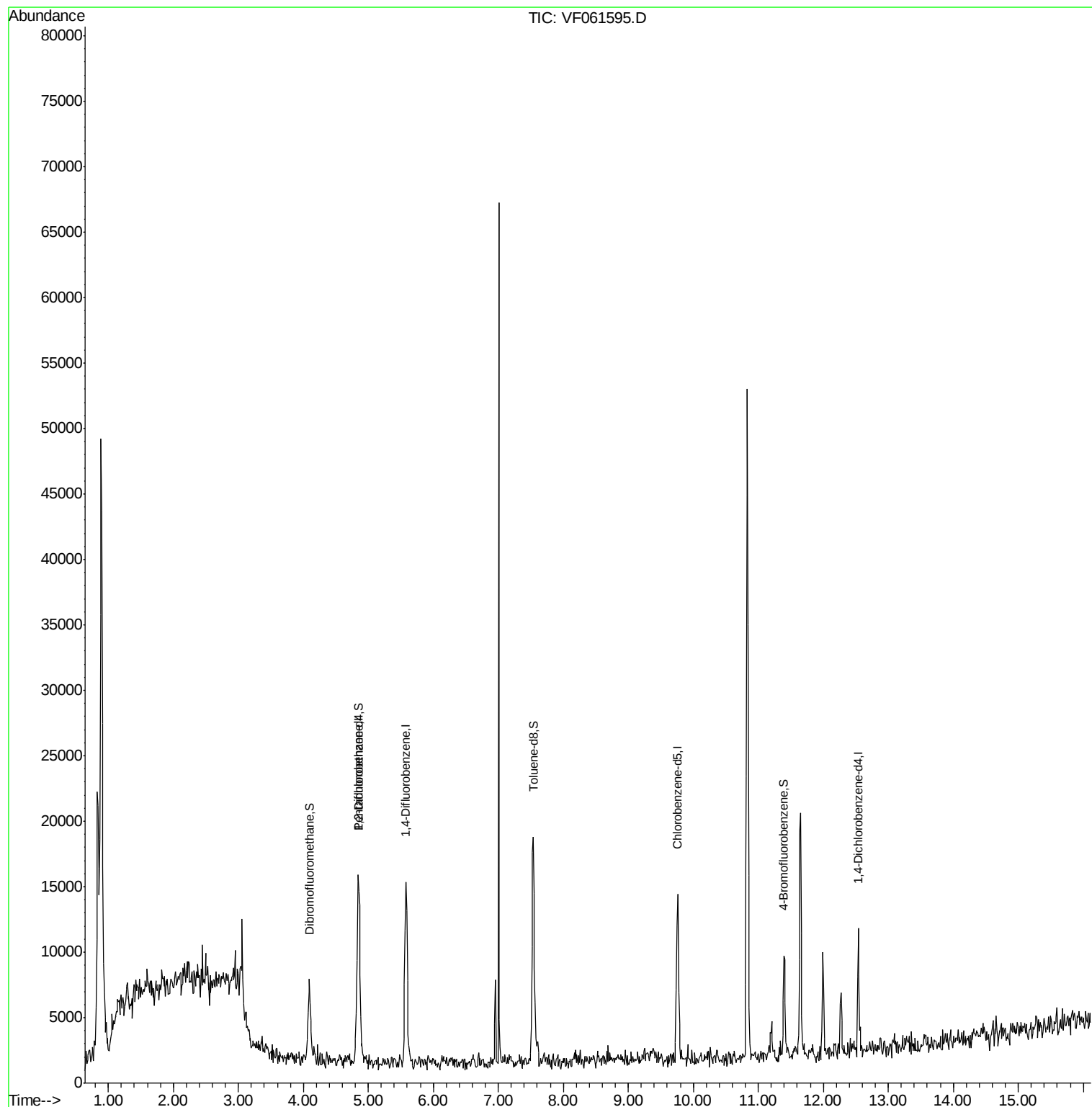
Target Compounds	Qvalue
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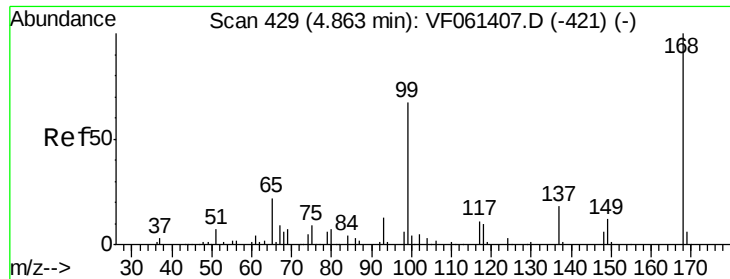
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

ClientSampleId :

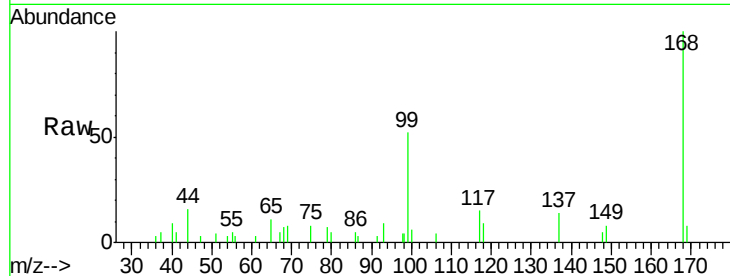
TEST-PIT-4

Tot Ion:168 Resp: 11963

Ion Ratio Lower Upper

168 100

99 51.9 53.5 80.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

4000

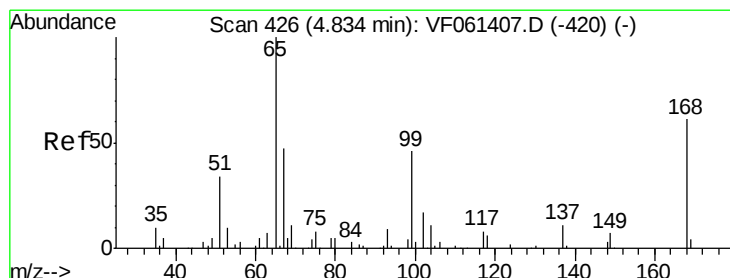
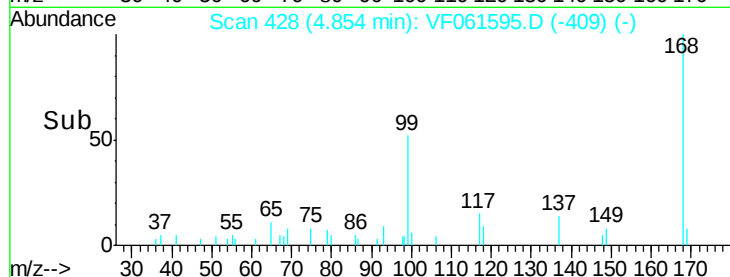
3000

2000

1000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 22.140 ug/l

RT: 4.83 min Scan# 426

Delta R.T. 0.00 min

Lab File: VF061595.D

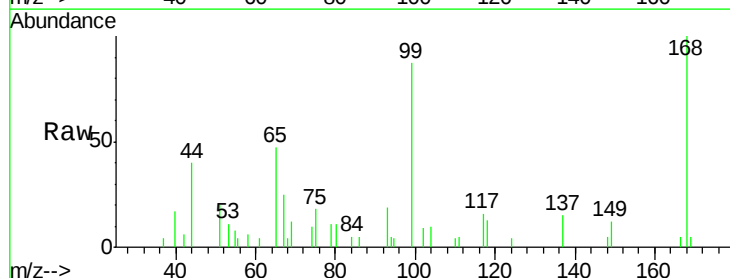
Acq: 11 Feb 2019 19:34

Tgt Ion: 65 Resp: 3270

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

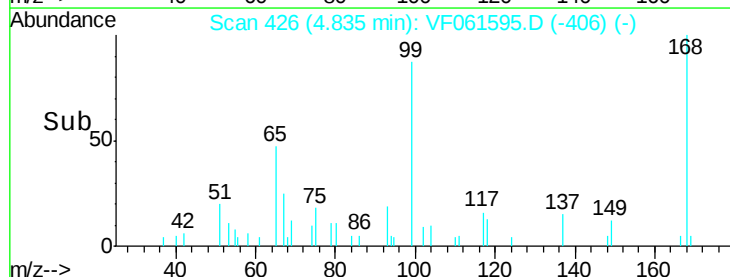
4.83

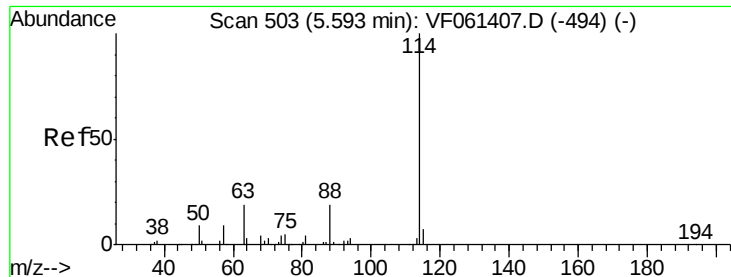
1000

500

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.02 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-4

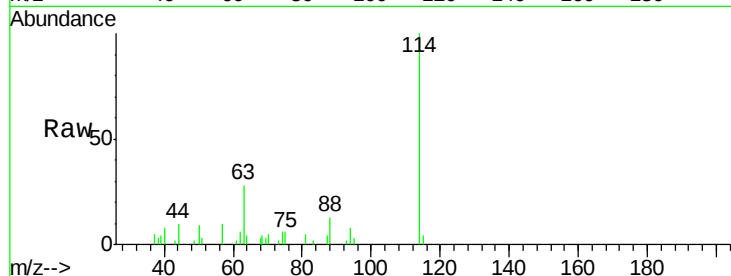
Tot Ion:114 Resp: 17338

Ion Ratio Lower Upper

114 100

63 27.8 0.0 39.0

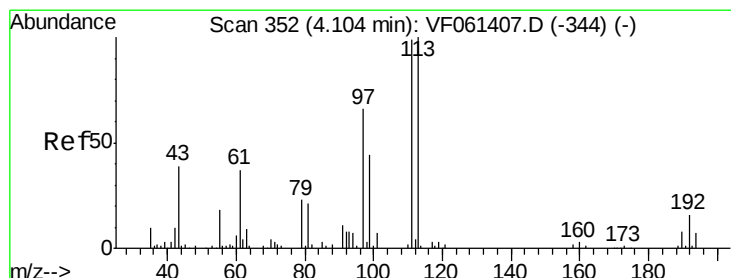
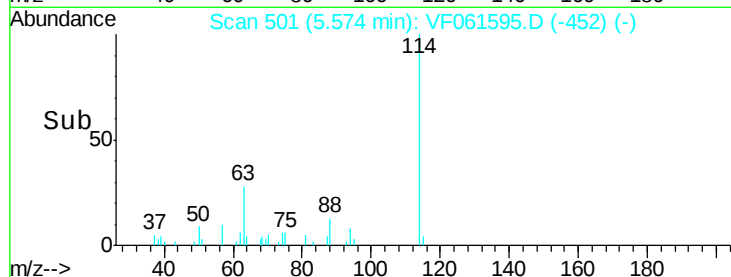
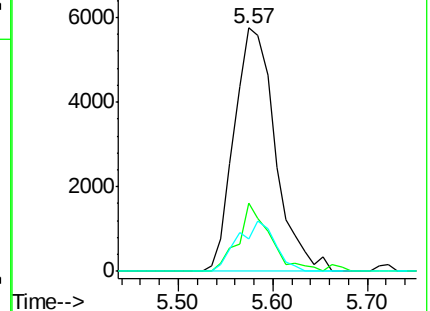
88 13.2 0.0 37.4



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: 37.497 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

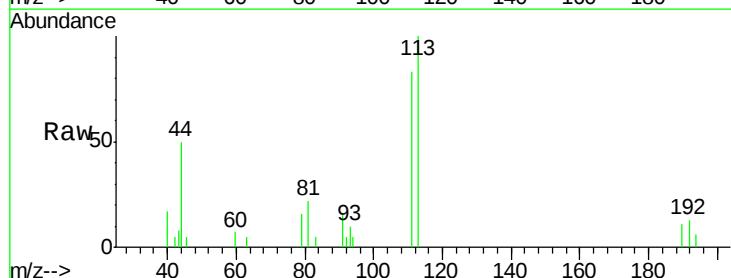
Tgt Ion:113 Resp: 5130

Ion Ratio Lower Upper

113 100

111 83.4 79.4 119.0

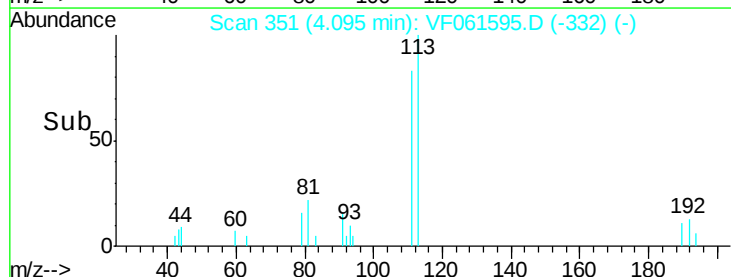
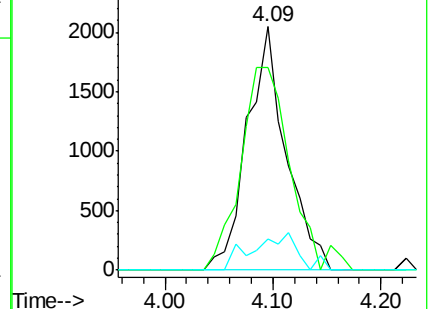
192 12.7 12.4 18.6

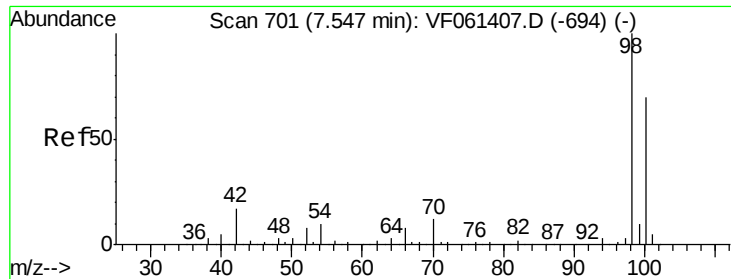


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

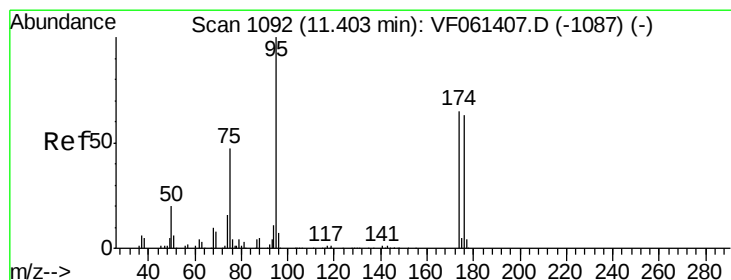
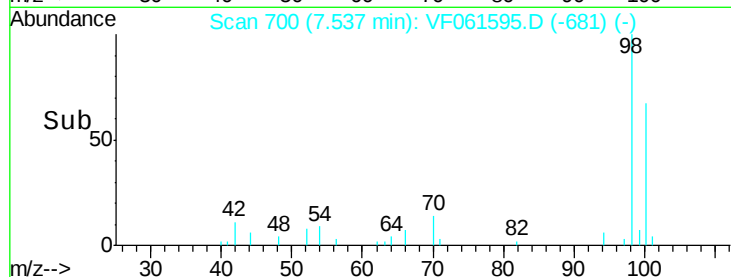
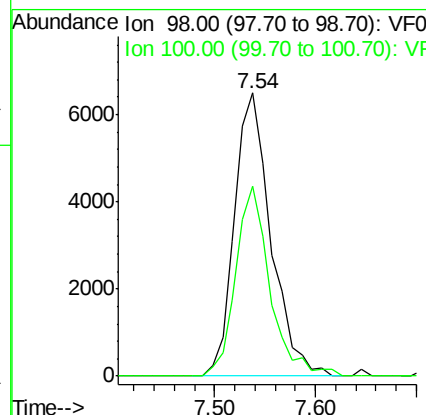
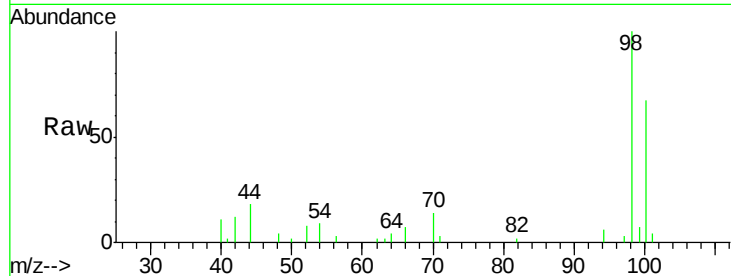




#50
Toluene-d8
Concen: 43.504 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.01 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

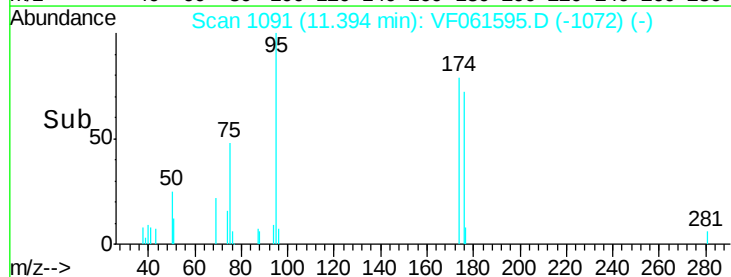
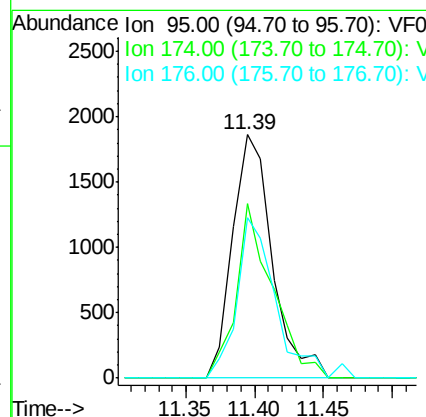
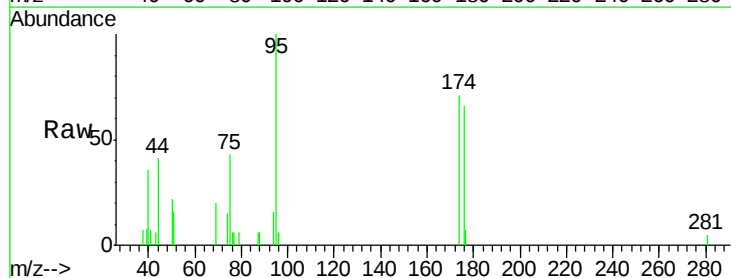
Instrument :
MSVOA_F
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TEST-PIT-4

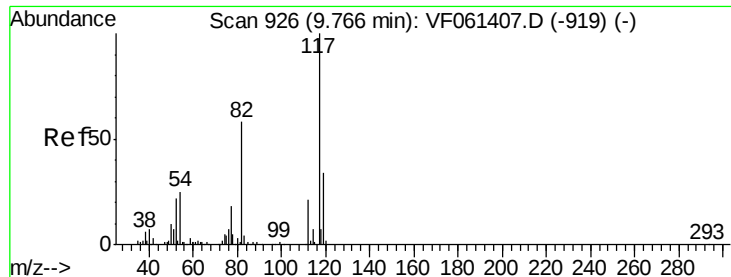
Tot Ion: 98 Resp: 16307
Ion Ratio Lower Upper
98 100
100 67.2 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 21.361 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

Tgt Ion: 95 Resp: 3741
Ion Ratio Lower Upper
95 100
174 71.4 0.0 130.4
176 72.6 0.0 126.2

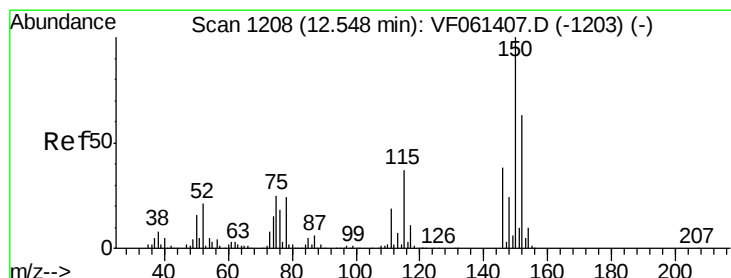
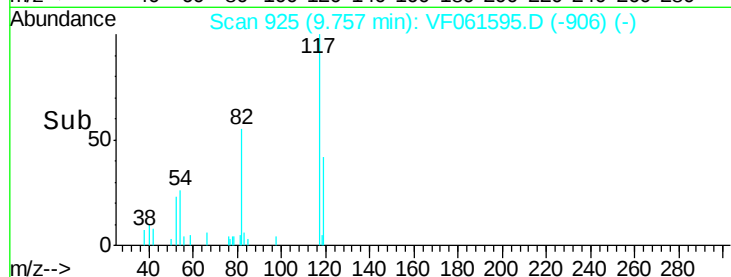
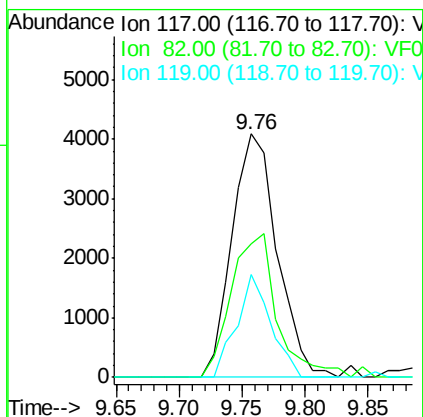
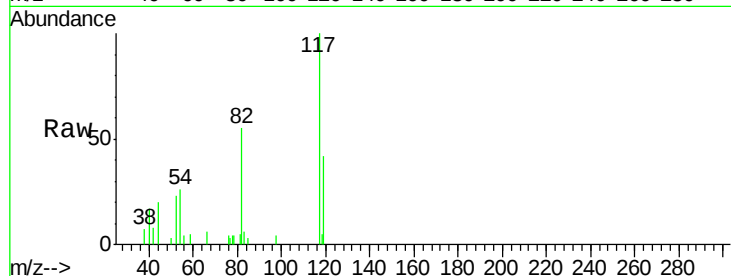




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-4

Tot Ion:117 Resp: 10162
Ion Ratio Lower Upper
117 100
82 55.0 46.4 69.6
119 42.1 27.2 40.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

Tgt Ion:152 Resp: 2398
Ion Ratio Lower Upper
152 100
115 49.8 30.0 90.0
150 148.2 0.0 321.4

