

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061379.D
 Acq On : 11 Jan 2019 20:30
 Operator : VA/AP
 Sample : K1075-20RE
 Misc : 5.15g/5mL/MSVOA-F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BASIN-10

Quant Time: Jan 12 03:35:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

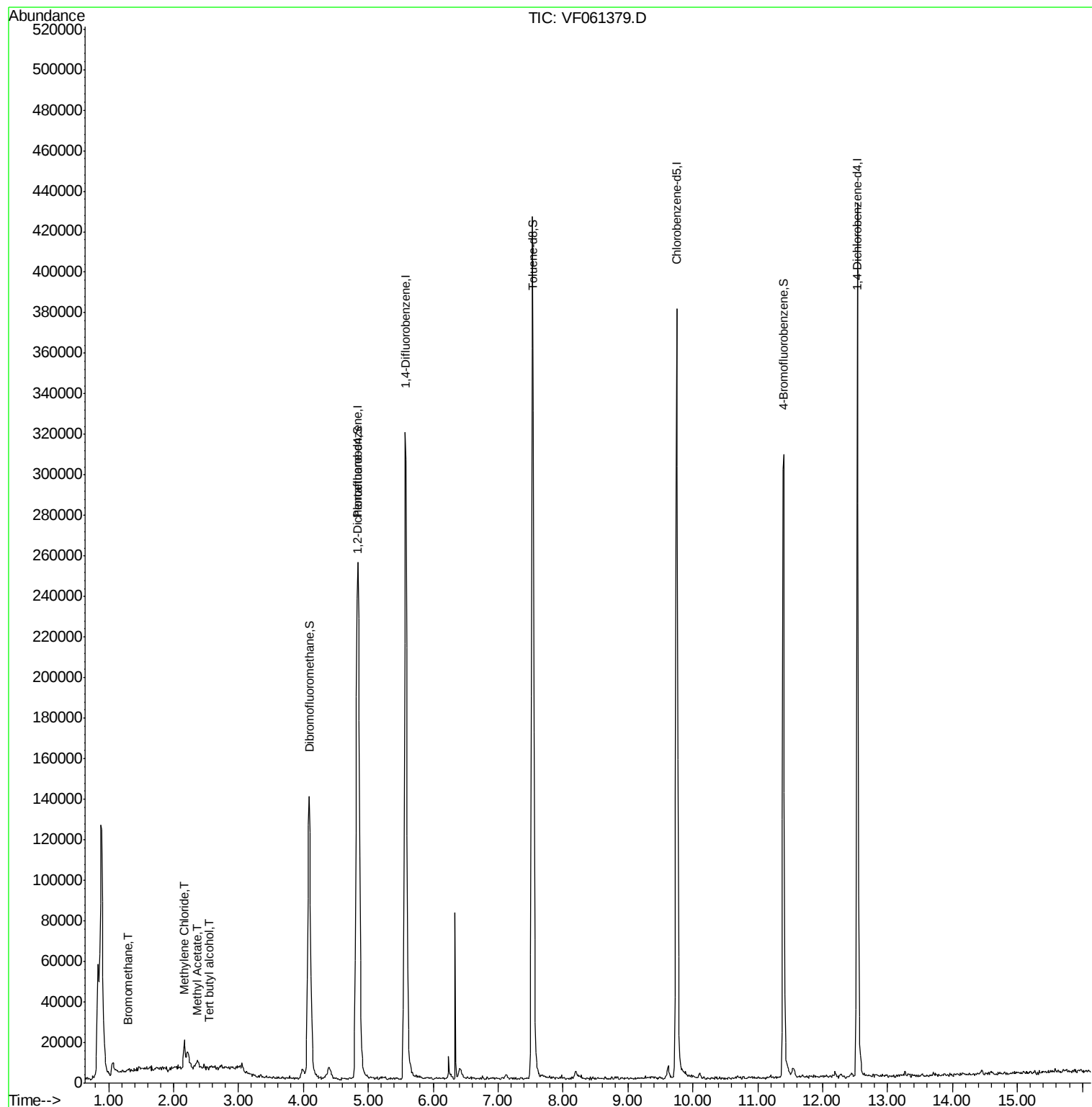
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	180398	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	355370	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	272909	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	102902	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	113836	56.69	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	113.38%	
35) Dibromofluoromethane	4.09	113	135757	49.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	7.53	98	352418	43.80	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	87.60%	
62) 4-Bromofluorobenzene	11.39	95	130792	37.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.44%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.29	94	684	3.192	ug/l #	6
11) Tert butyl alcohol	2.55	59	154	1.916	ug/l #	1
13) Acrolein	1.95	56	280	Below Cal		86
18) Methyl Acetate	2.36	43	1403	1.527	ug/l #	65
20) Methylene Chloride	2.17	84	5723	2.896	ug/l #	87

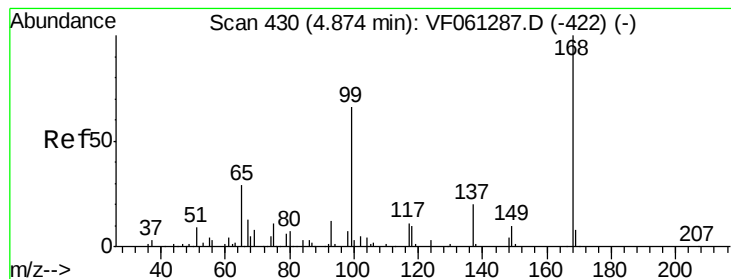
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011119\
Data File : VF061379.D
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Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061379.D

Acq: 11 Jan 2019 20:30

Instrument :

MSVOA_F

ClientSampleId :

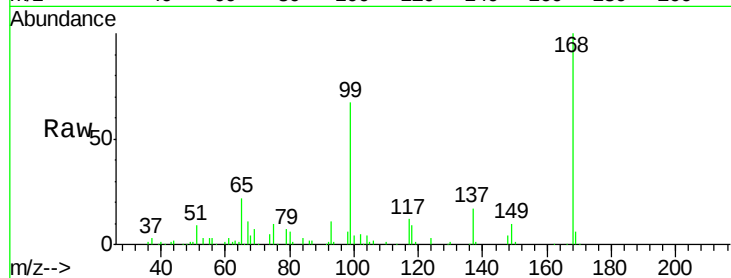
BASIN-10

Tot Ion:168 Resp: 180398

Ion Ratio Lower Upper

168 100

99 67.4 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

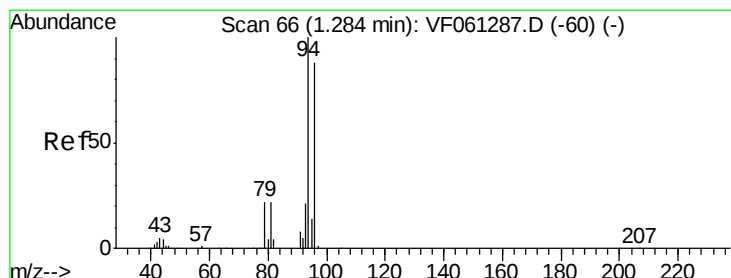
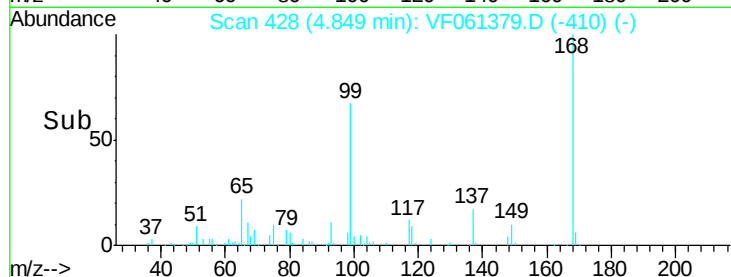
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#5

Bromomethane

Concen: 3.192 ug/l

RT: 1.29 min Scan# 67

Delta R.T. 0.01 min

Lab File: VF061379.D

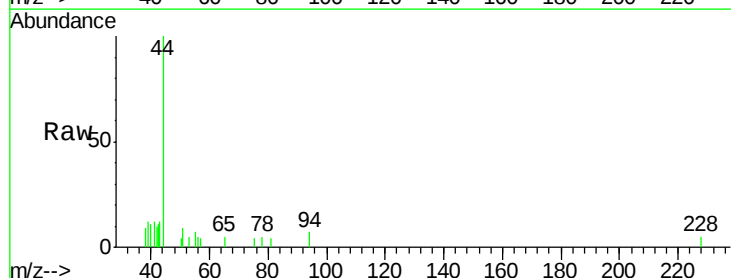
Acq: 11 Jan 2019 20:30

Tgt Ion: 94 Resp: 684

Ion Ratio Lower Upper

94 100

96 0.0 70.2 105.4#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

300

250

200

150

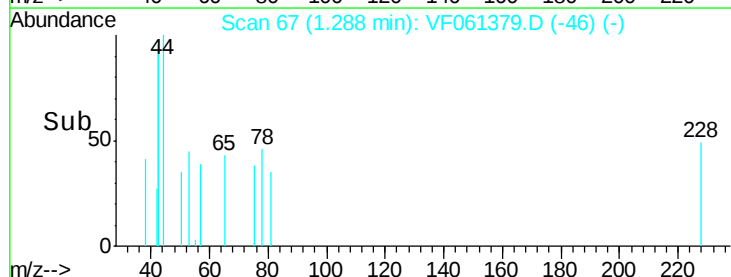
100

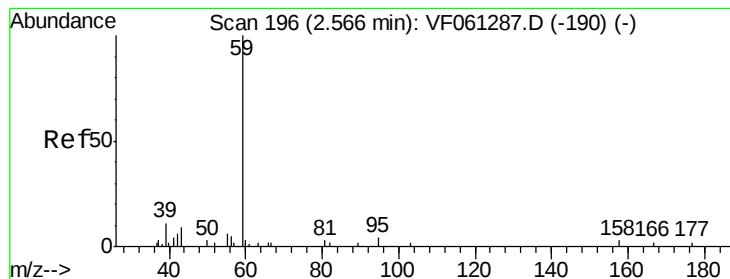
50

0

1.20 1.25 1.30 1.35

Time-->



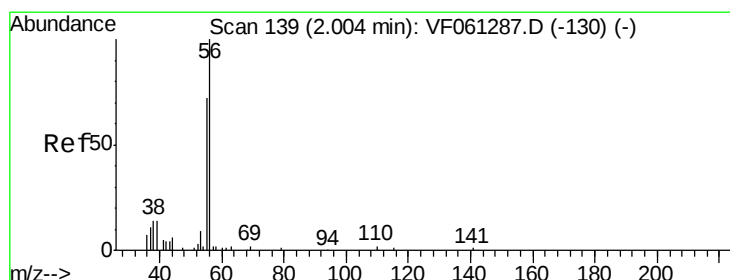
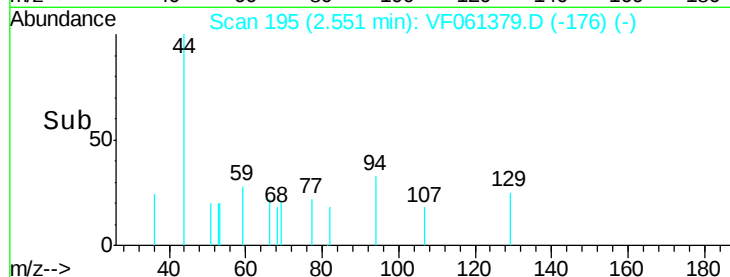
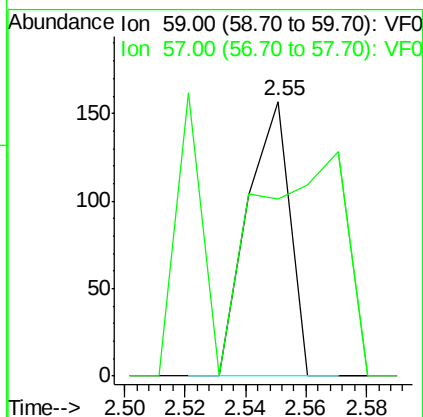
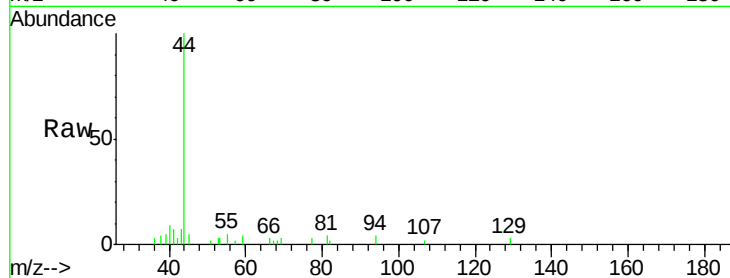


#11

Tert butyl alcohol
Concen: 1.916 ug/l
RT: 2.55 min Scan# 195
Delta R.T. -0.02 min
Lab File: VF061379.D
Acq: 11 Jan 2019 20:30

Instrument :
MSVOA_F
ClientSampleId :
BASIN-10

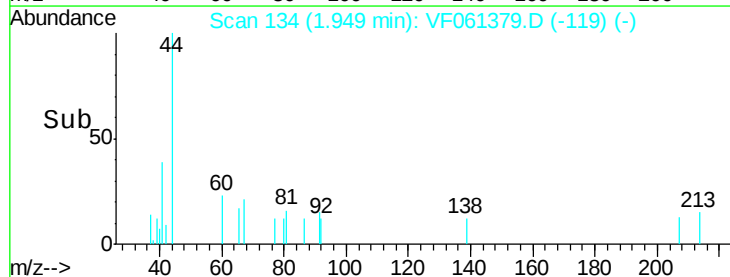
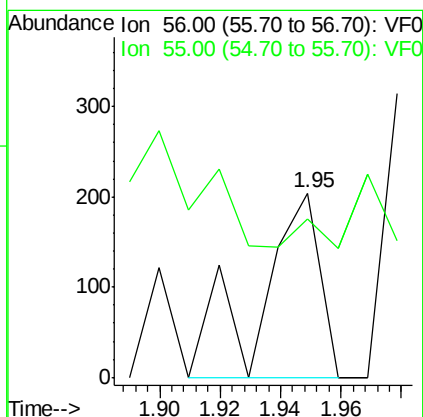
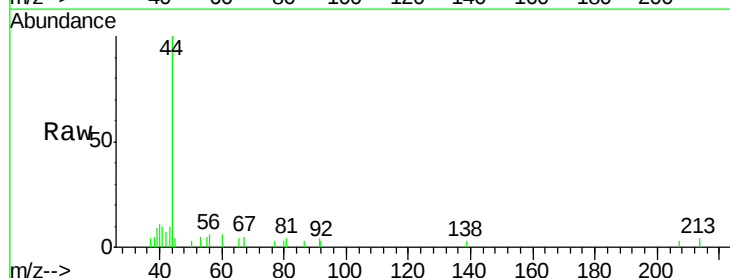
Tot Ion: 59 Resp: 154
Ion Ratio Lower Upper
59 100
57 64.3 15.1 22.7#

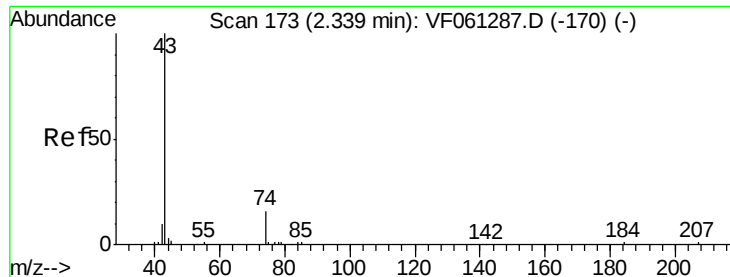


#13

Acrolein
Concen: Below Cal
RT: 1.95 min Scan# 134
Delta R.T. -0.05 min
Lab File: VF061379.D
Acq: 11 Jan 2019 20:30

Tgt Ion: 56 Resp: 280
Ion Ratio Lower Upper
56 100
55 85.8 59.4 89.0

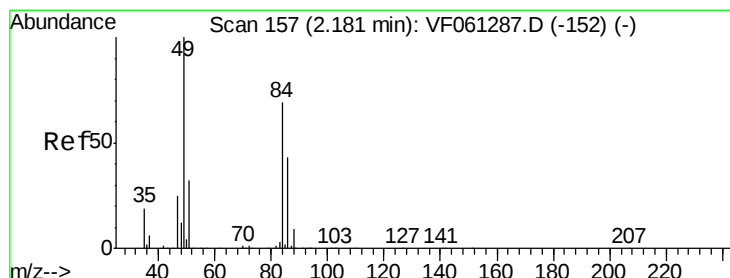
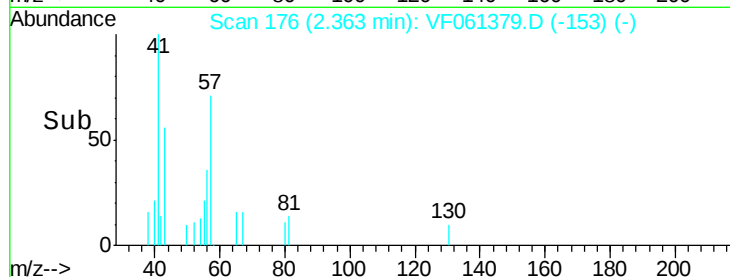
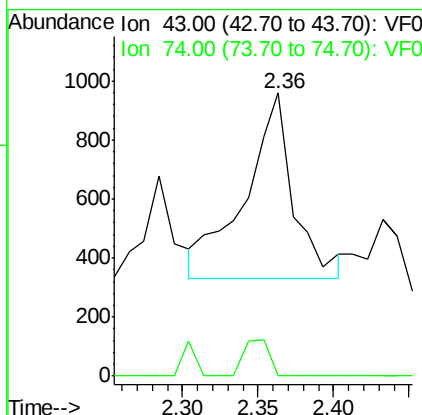
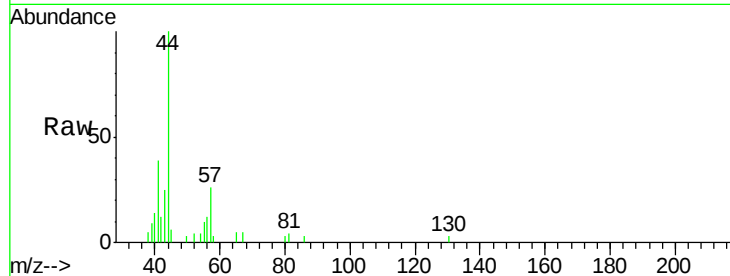




#18
Methvl Acetate
Concen: 1.527 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF061379.D
Acq: 11 Jan 2019 20:30

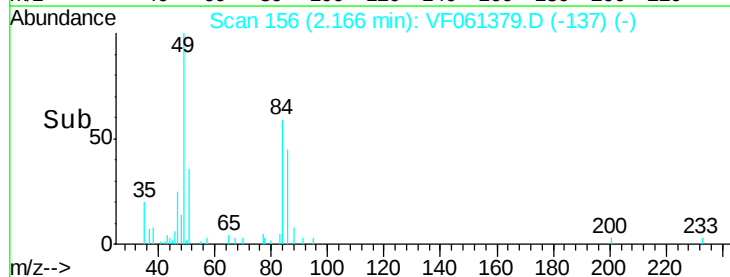
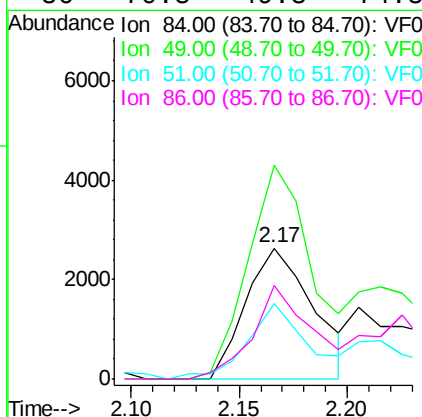
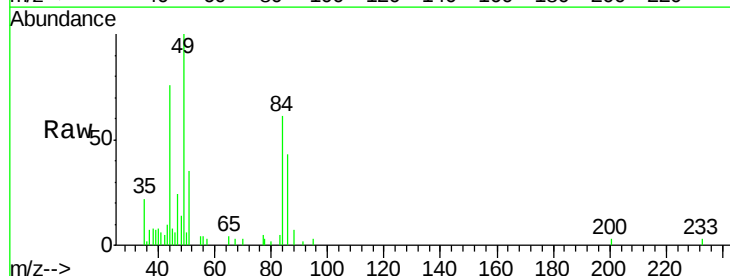
Instrument :
MSVOA_F
ClientSampled :
BASIN-10

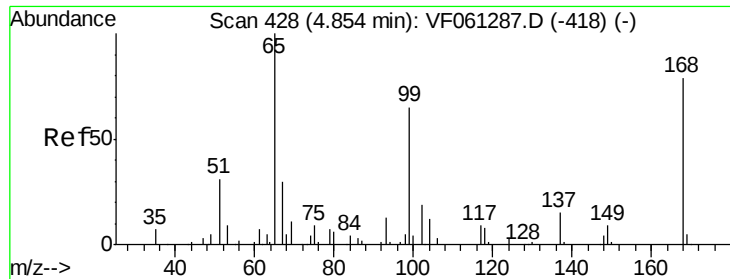
Tot Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
74 0.0 11.6 17.4#



#20
Methylene Chloride
Concen: 2.896 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061379.D
Acq: 11 Jan 2019 20:30

Tgt Ion: 84 Resp: 5723
Ion Ratio Lower Upper
84 100
49 162.9 116.6 175.0
51 57.6 37.7 56.5#
86 70.8 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 56.693 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.03 min

Lab File: VF061379.D

Acq: 11 Jan 2019 20:30

Instrument :

MSVOA_F

ClientSampled :

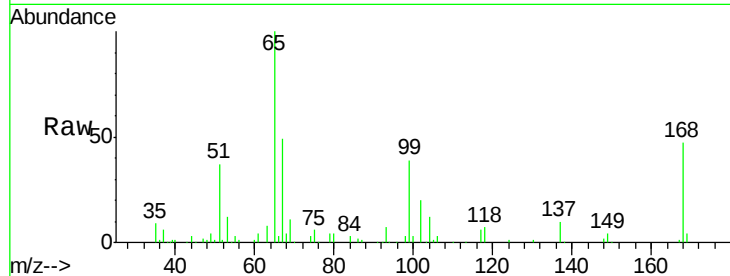
BASIN-10

Tot Ion: 65 Resp: 113836

Ion Ratio Lower Upper

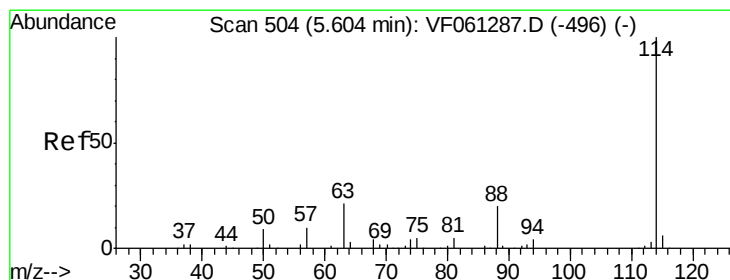
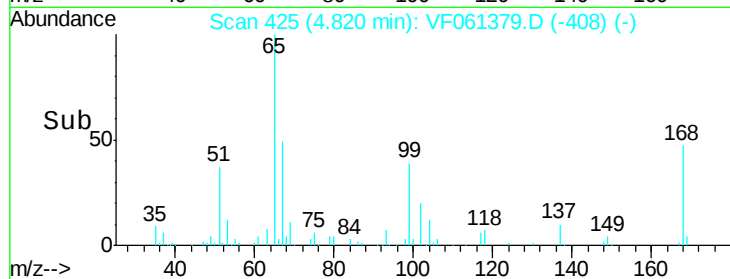
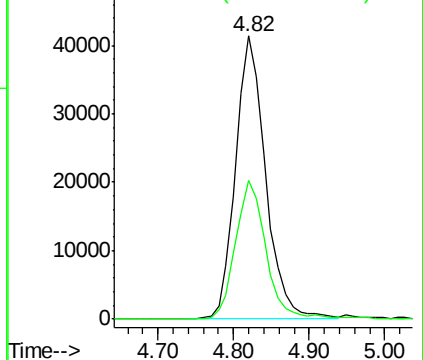
65 100

67 49.1 0.0 98.2



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: 5.57 min Scan# 501

Delta R.T. -0.03 min

Lab File: VF061379.D

Acq: 11 Jan 2019 20:30

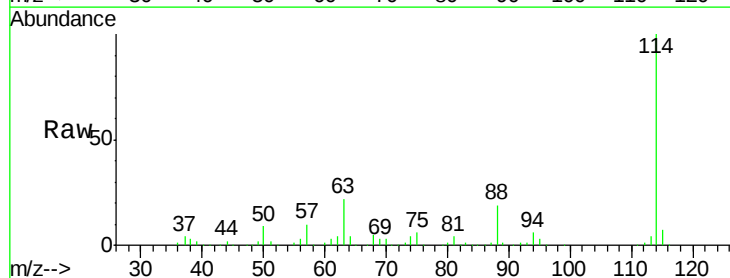
Tgt Ion: 114 Resp: 355370

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.8

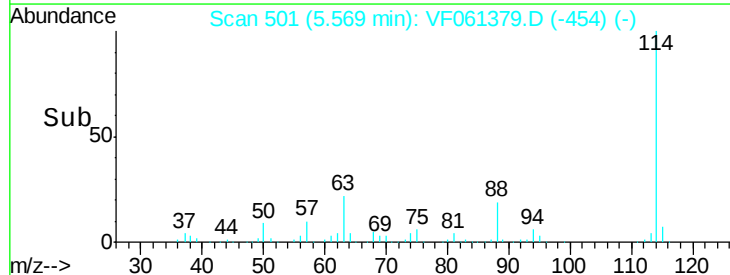
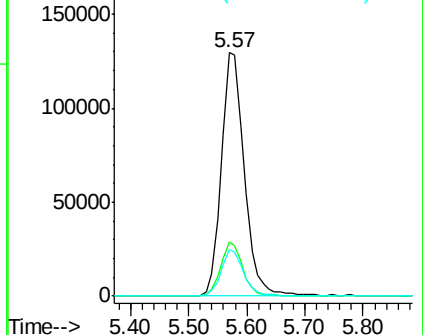
88 18.9 0.0 40.0

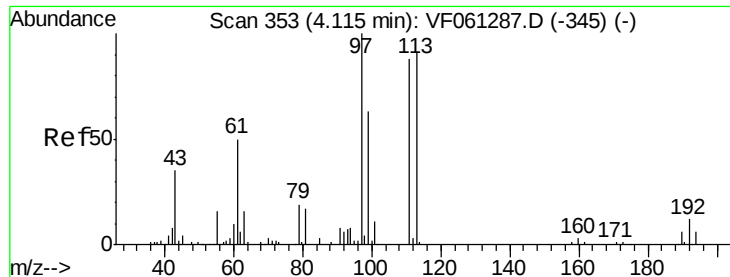


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 49.926 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061379.D

Acq: 11 Jan 2019 20:30

Instrument :

MSVOA_F

ClientSampleId :

BASIN-10

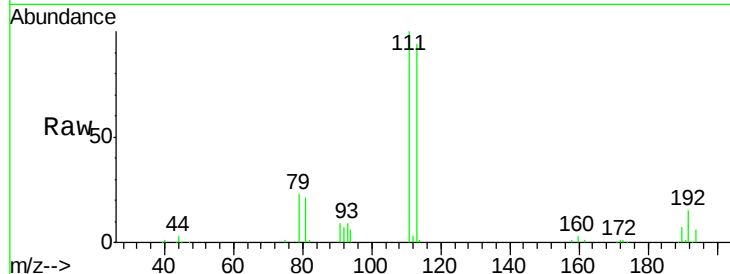
Tot Ion:113 Resp: 135757

Ion Ratio Lower Upper

113 100

111 106.4 78.0 117.0

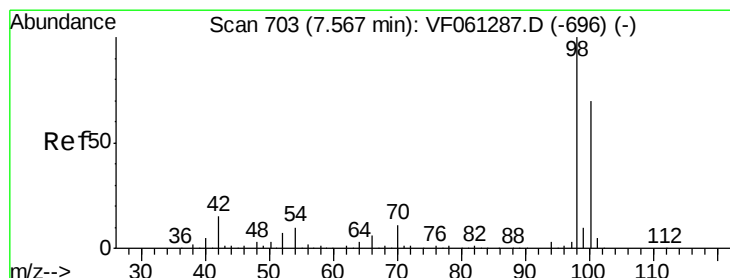
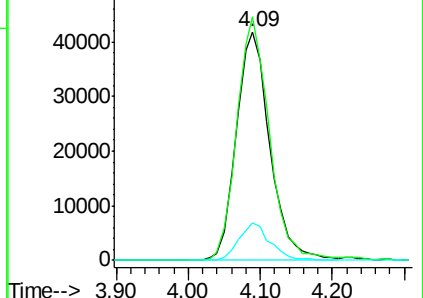
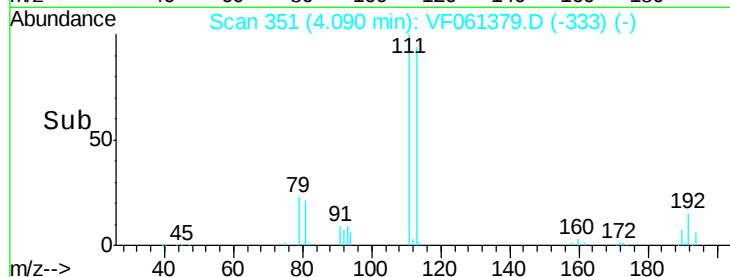
192 16.4 10.6 16.0#



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: 43.797 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061379.D

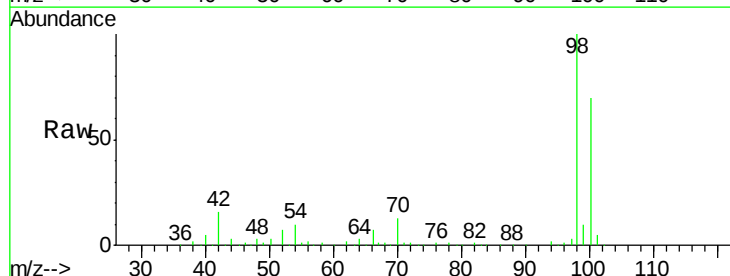
Acq: 11 Jan 2019 20:30

Tgt Ion: 98 Resp: 352418

Ion Ratio Lower Upper

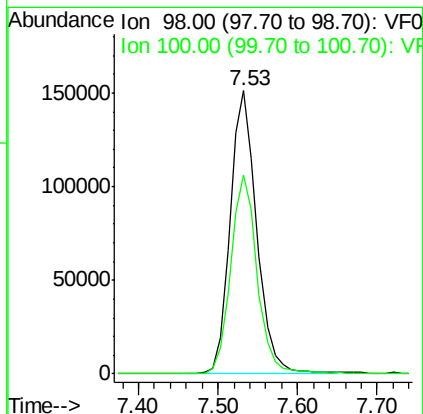
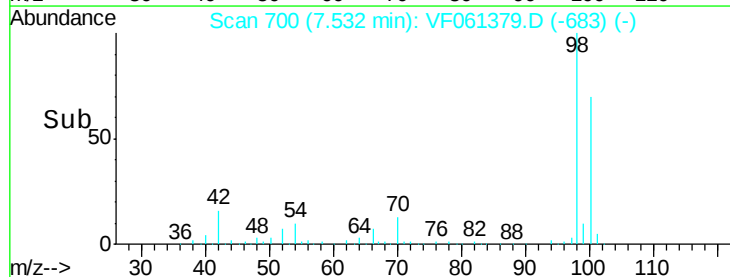
98 100

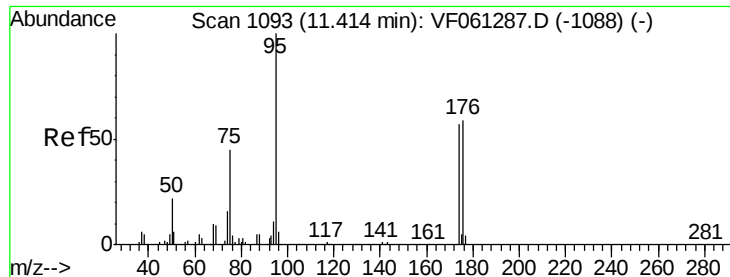
100 70.3 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

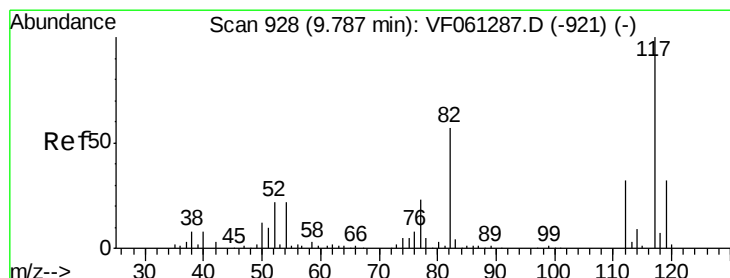
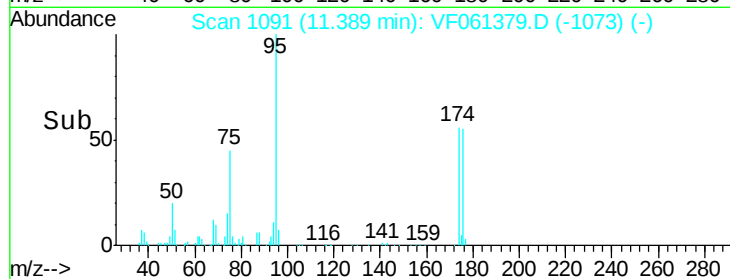
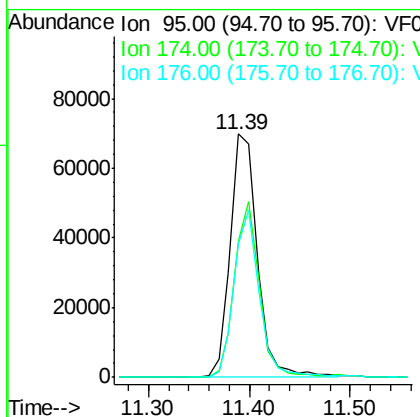
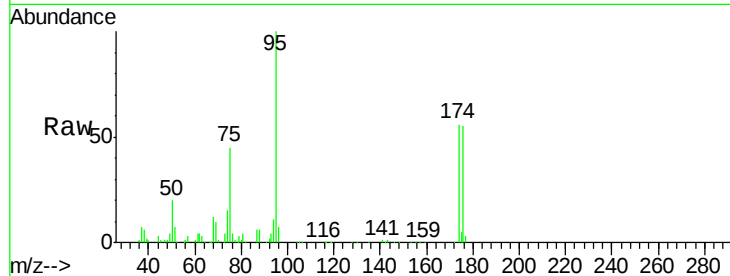




#62
4-Bromofluorobenzene
Concen: 37.224 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061379.D
Acq: 11 Jan 2019 20:30

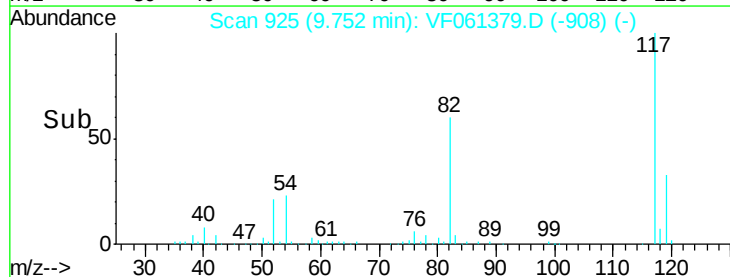
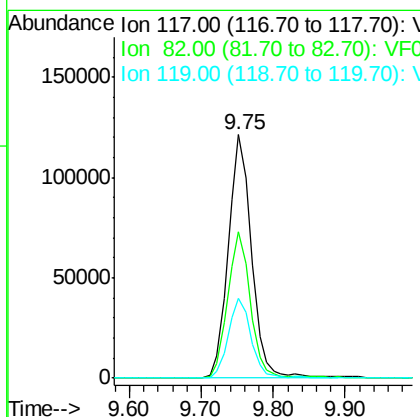
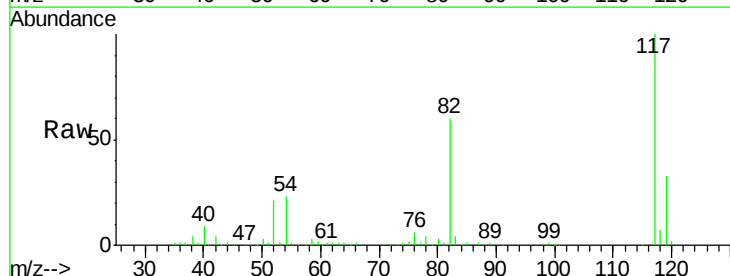
Instrument :
MSVOA_F
ClientSampleId :
BASIN-10

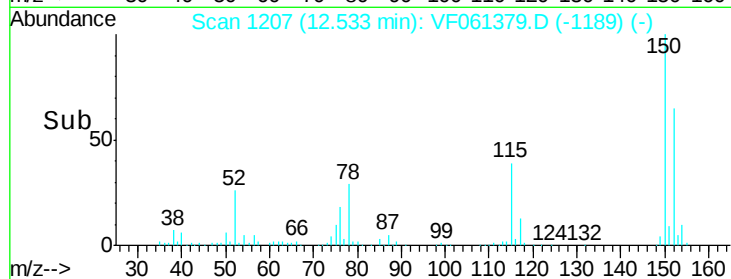
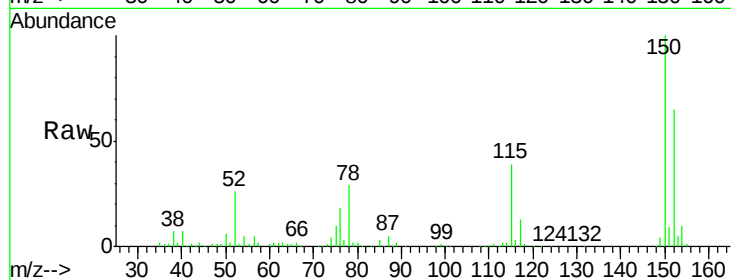
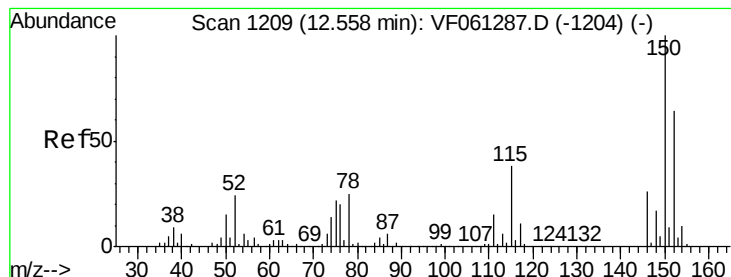
Tot Ion: 95 Resp: 130792
Ion Ratio Lower Upper
95 100
174 56.2 0.0 114.2
176 54.9 0.0 117.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061379.D
Acq: 11 Jan 2019 20:30

Tgt Ion: 117 Resp: 272909
Ion Ratio Lower Upper
117 100
82 60.1 45.3 67.9
119 33.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.02 min

Lab File: VF061379.D

Acq: 11 Jan 2019 20:30

Instrument :

MSVOA_F

ClientSampleId :

BASIN-10

Tot Ion:152 Resp: 102902

Ion Ratio Lower Upper

152 100

115 60.4 29.6 88.9

150 153.2 0.0 315.4

