

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062273.D
 Acq On : 23 Apr 2019 19:44
 Operator : FY/SY
 Sample : K2515-14
 Misc : 5.17g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-12-2

Quant Time: Apr 24 08:15:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

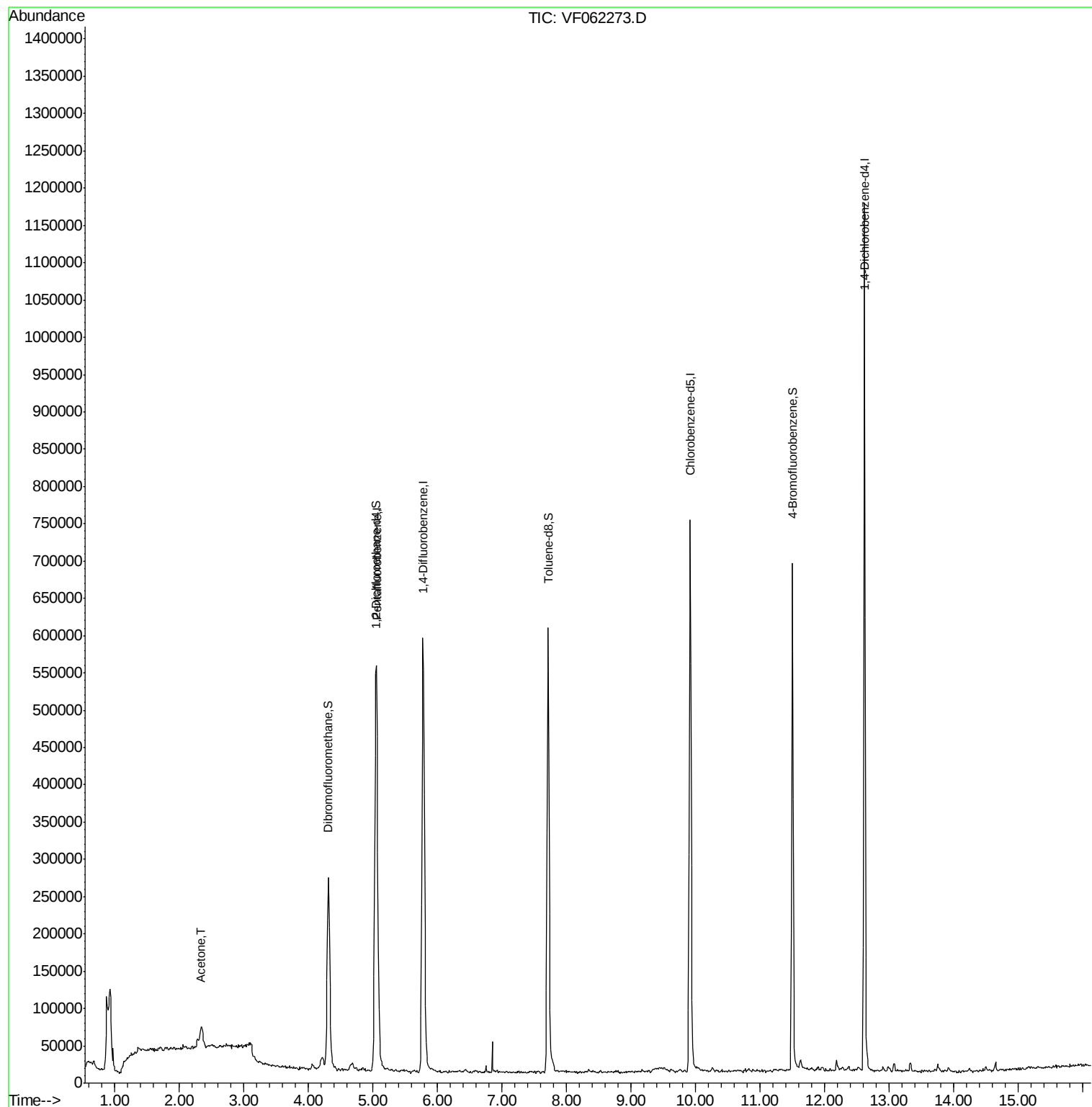
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	478145	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	696721	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	564404	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	320171	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	184438	42.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.14%	
35) Dibromofluoromethane	4.31	113	245546	40.29	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.58%	
50) Toluene-d8	7.72	98	528596	34.26	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.52%	
62) 4-Bromofluorobenzene	11.50	95	240562	40.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.06%	
Target Compounds						
16) Acetone	2.35	43	26922	25.690	ug/l	Qvalue 94

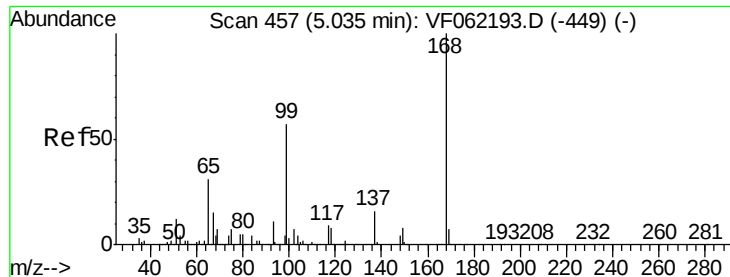
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062273.D

Acq: 23 Apr 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

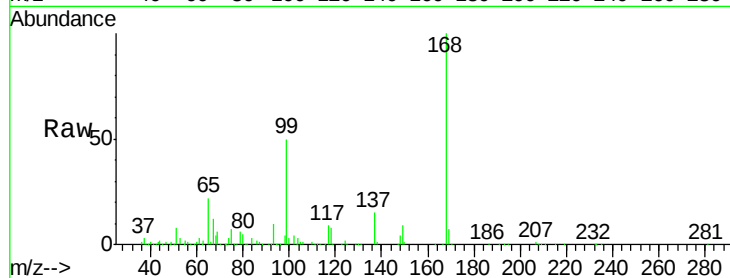
TP-12-2

Tot Ion:168 Resp: 478145

Ion Ratio Lower Upper

168 100

99 50.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

150000

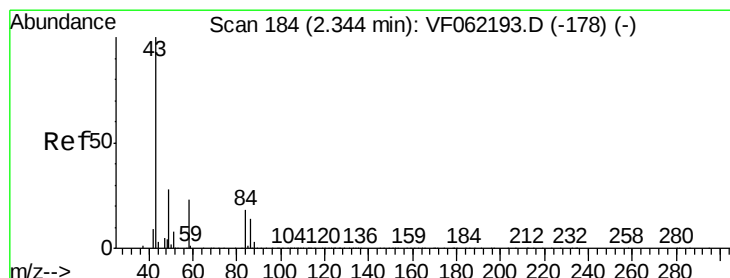
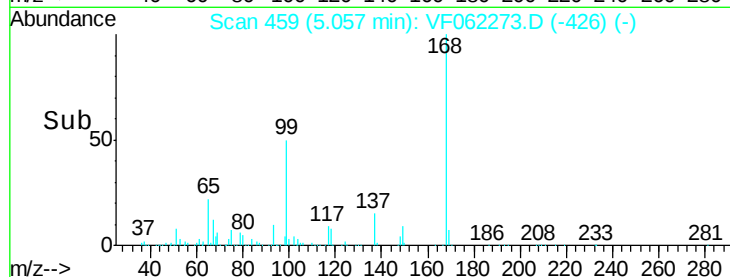
100000

50000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#16

Acetone

Concen: 25.690 ug/l

RT: 2.35 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF062273.D

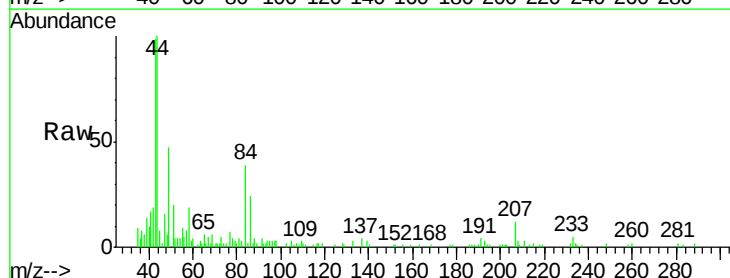
Acq: 23 Apr 2019 19:44

Tgt Ion: 43 Resp: 26922

Ion Ratio Lower Upper

43 100

58 20.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

6000

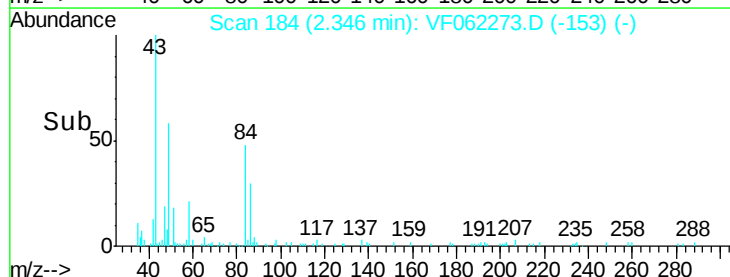
4000

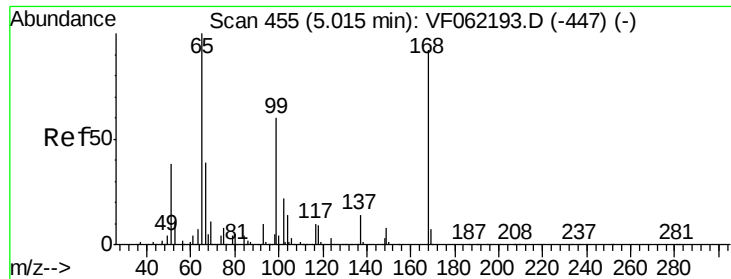
2000

0

2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 42.068 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062273.D

Acq: 23 Apr 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

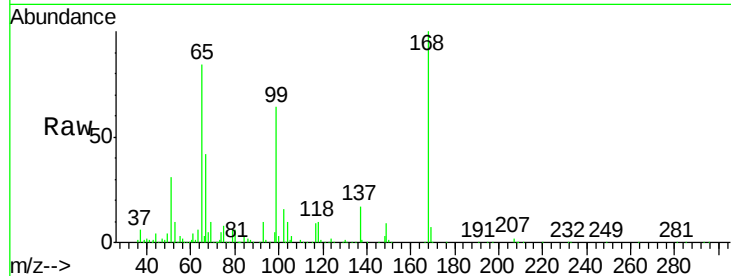
TP-12-2

Tot Ion: 65 Resp: 184438

Ion Ratio Lower Upper

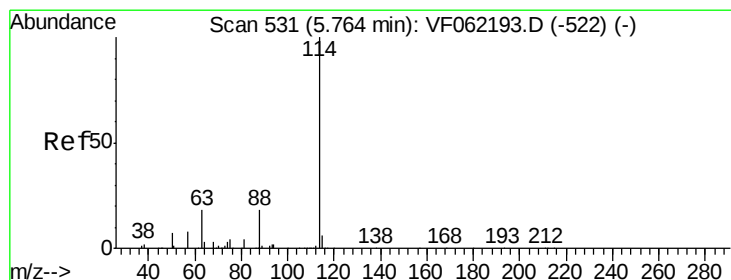
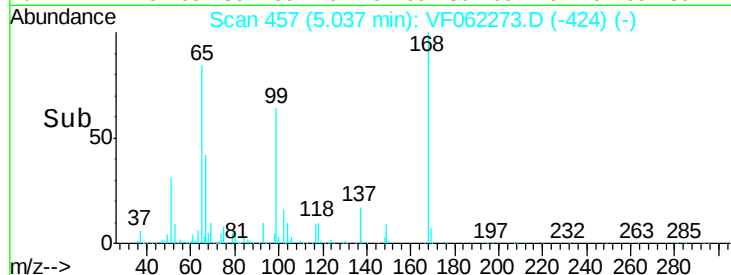
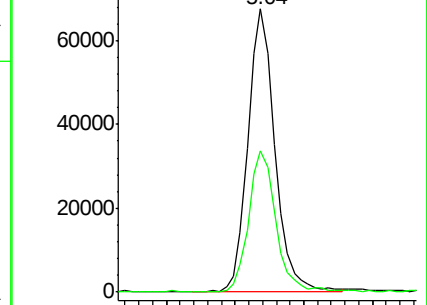
65 100

67 51.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062273.D

Acq: 23 Apr 2019 19:44

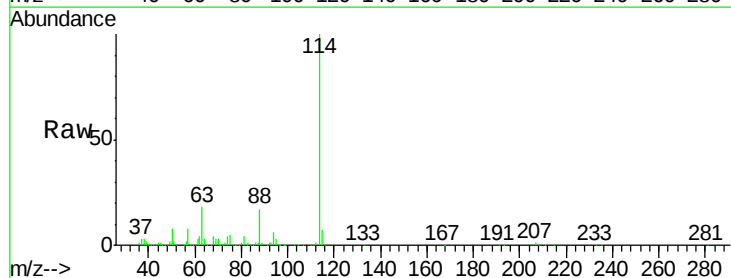
Tgt Ion: 114 Resp: 696721

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

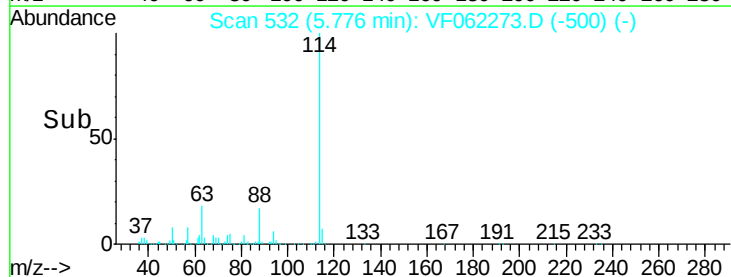
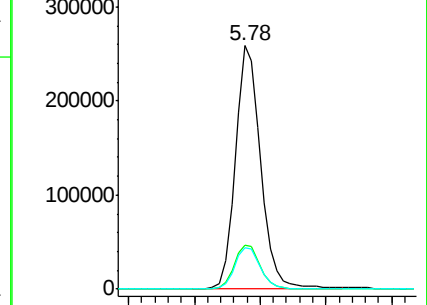
88 17.1 0.0 35.8

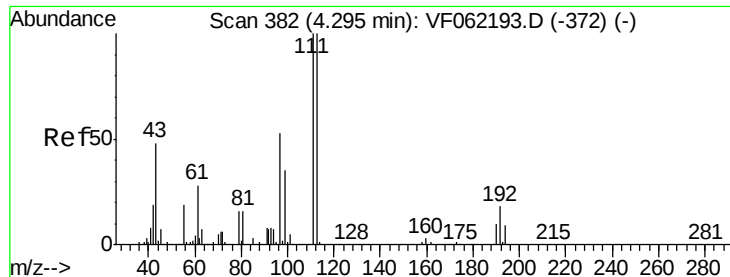


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

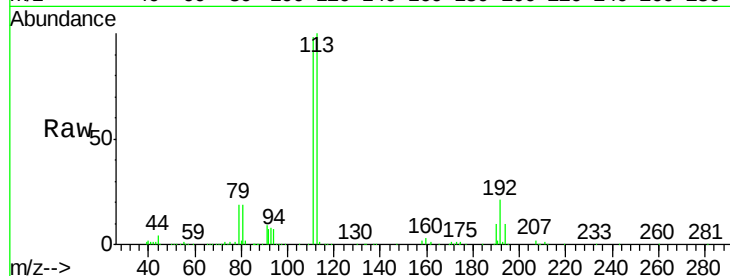




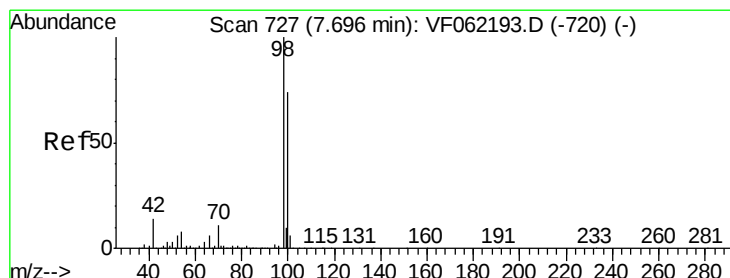
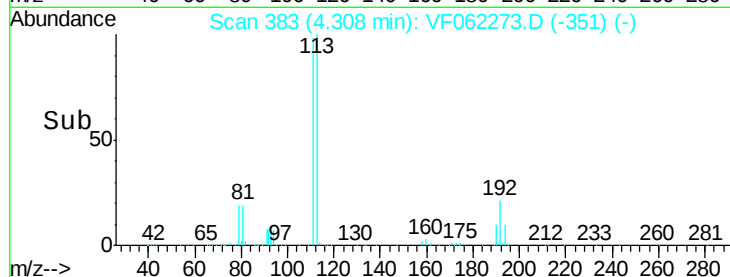
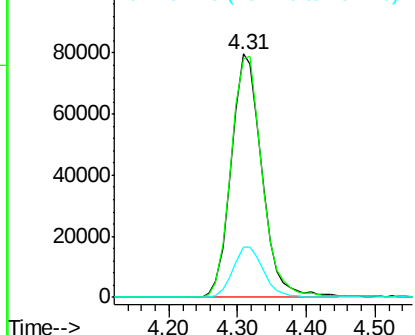
#35
 Dibromofluoromethane
 Concen: 40.290 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF062273.D
 Acq: 23 Apr 2019 19:44

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-12-2

Tot Ion:113 Resp: 245546
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 20.8 14.7 22.1

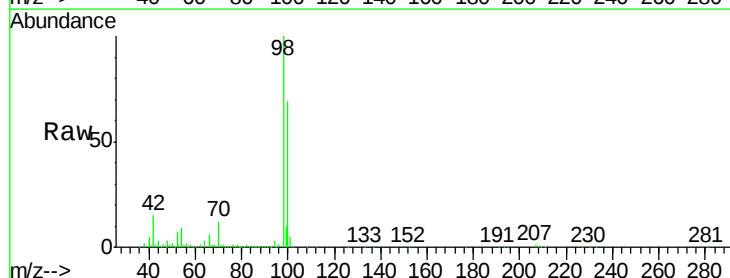


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

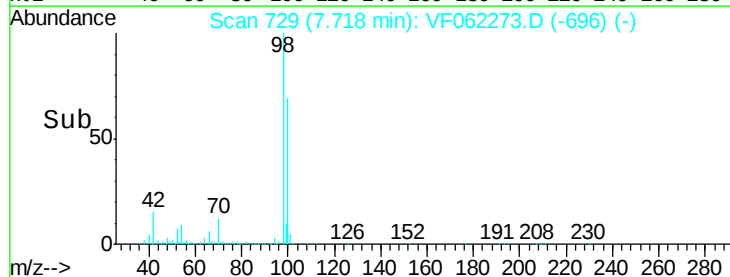
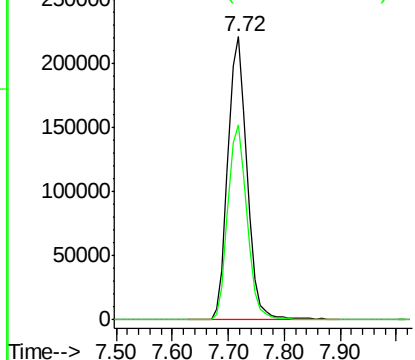


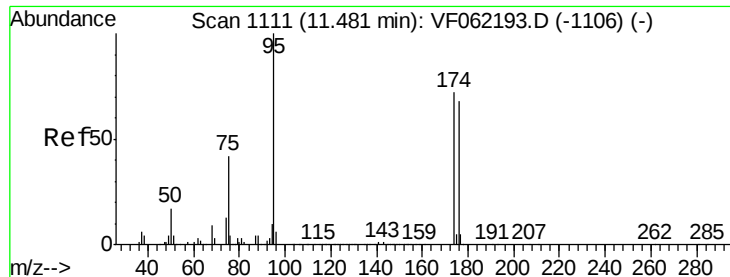
#50
 Toluene-d8
 Concen: 34.264 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.02 min
 Lab File: VF062273.D
 Acq: 23 Apr 2019 19:44

Tgt Ion: 98 Resp: 528596
 Ion Ratio Lower Upper
 98 100
 100 68.8 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF0

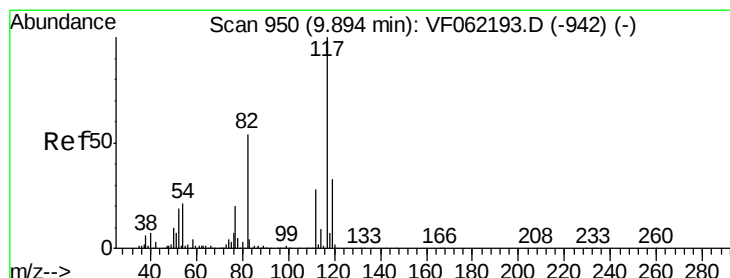
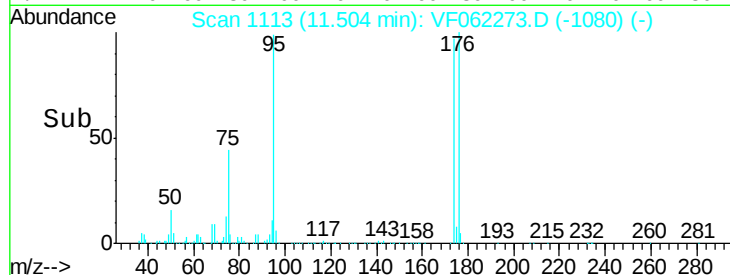
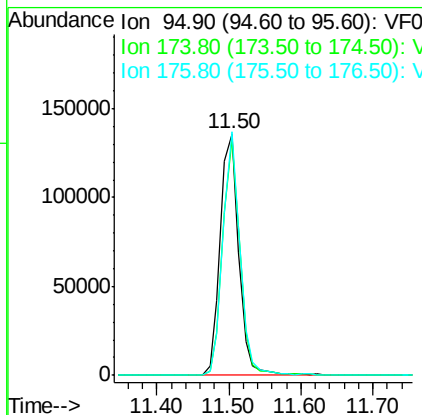
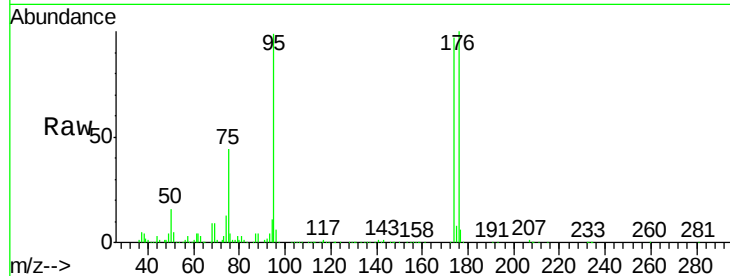




#62
4-Bromofluorobenzene
Concen: 40.534 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062273.D
Acq: 23 Apr 2019 19:44

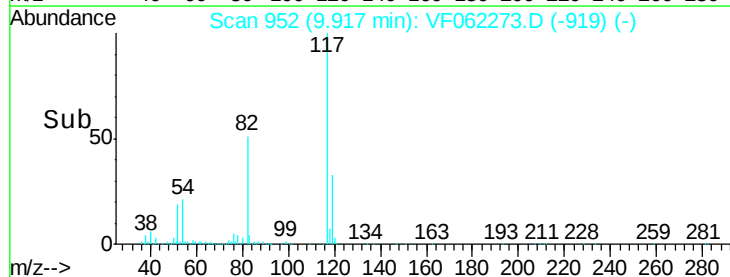
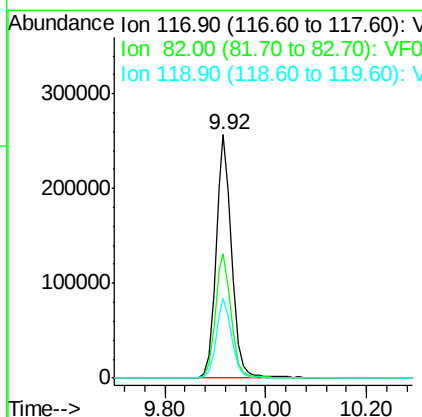
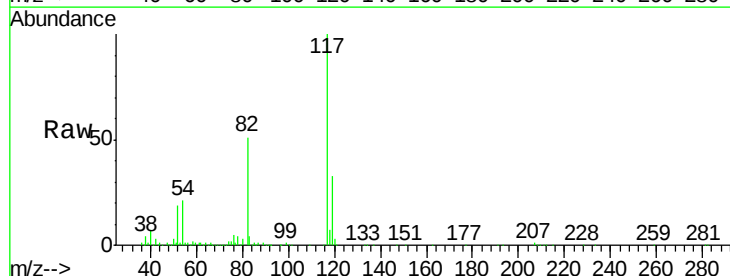
Instrument :
MSVOA_F
ClientSampleId :
TP-12-2

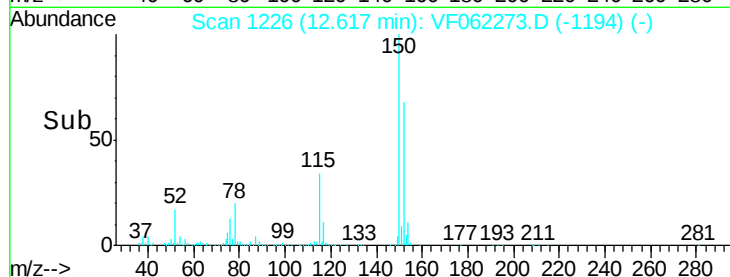
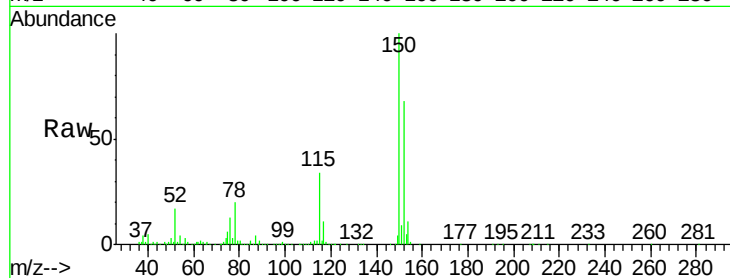
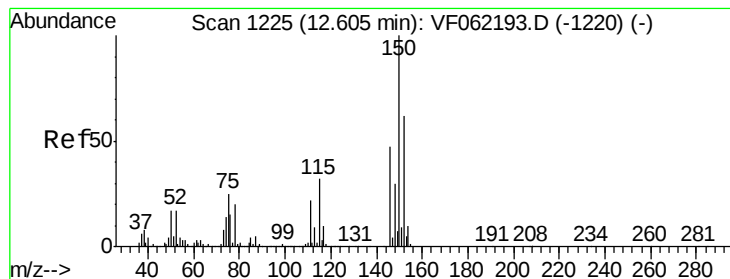
Tot Ion: 95 Resp: 240562
Ion Ratio Lower Upper
95 100
174 92.7 0.0 159.4
176 94.0 0.0 155.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062273.D
Acq: 23 Apr 2019 19:44

Tgt Ion: 117 Resp: 564404
Ion Ratio Lower Upper
117 100
82 51.1 43.2 64.8
119 32.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062273.D

Acq: 23 Apr 2019 19:44

Instrument :

MSVOA_F

ClientSampleId :

TP-12-2

Tot Ion:152 Resp: 320171

Ion Ratio Lower Upper

152 100

115 52.9 27.8 83.3

150 150.5 0.0 341.8

