

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062244.D
 Acq On : 22 Apr 2019 15:00
 Operator : FY/SY
 Sample : K2198-05
 Misc : 6.46g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-041719

Quant Time: Apr 22 17:04:56 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

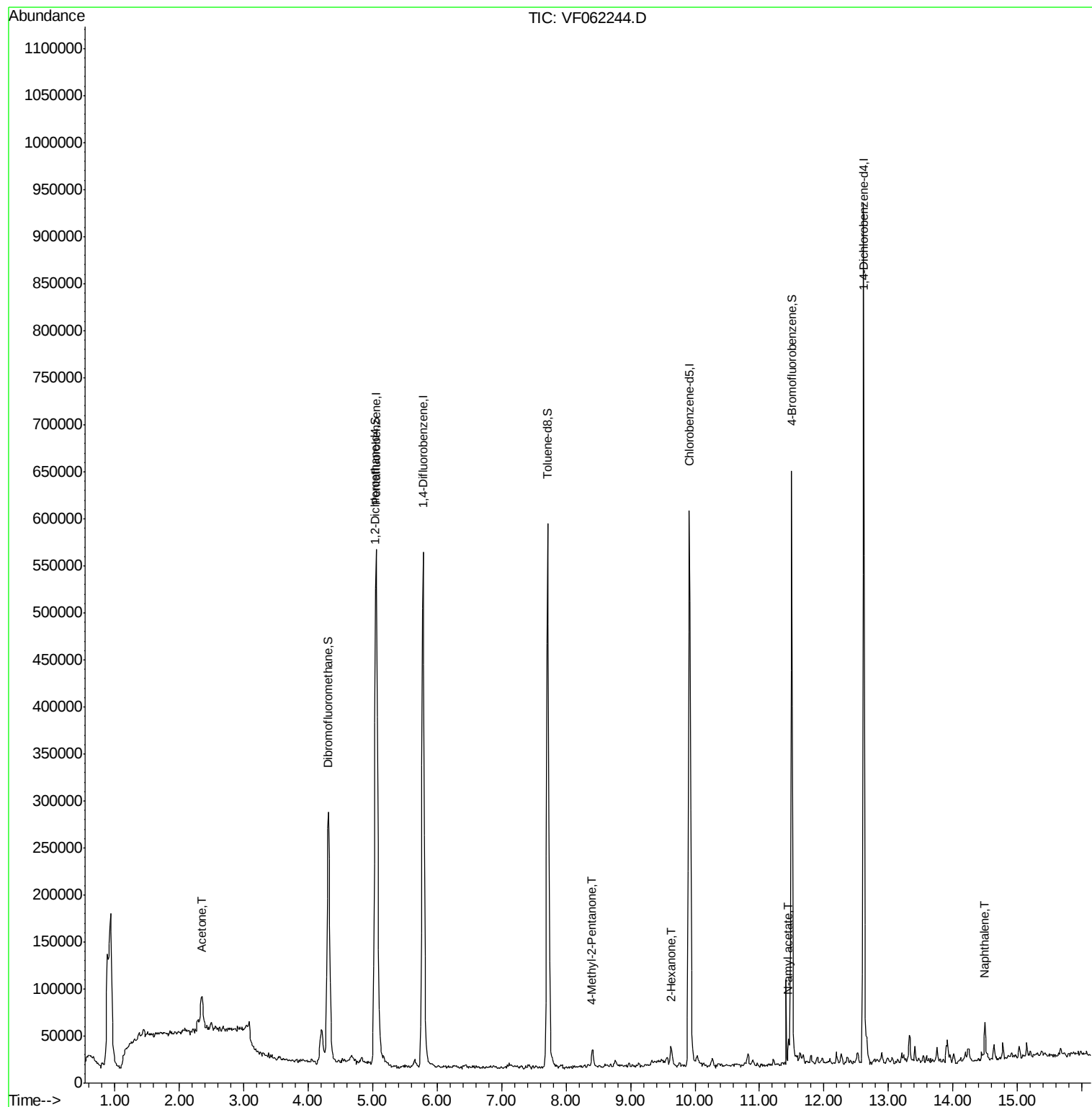
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	489018	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	657496	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	470182	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	245102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	197517	44.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.10%	
35) Dibromofluoromethane	4.31	113	258618	44.97	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.94%	
50) Toluene-d8	7.72	98	505088	34.69	ug/l	0.02
Spiked Amount 50.000			Recovery	=	69.38%	
62) 4-Bromofluorobenzene	11.50	95	223094	39.83	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.66%	
Target Compounds						
16) Acetone	2.35	43	34160	31.872	ug/l	91
51) 4-Methyl-2-Pentanone	8.41	43	20736	7.126	ug/l	89
59) 2-Hexanone	9.63	43	19983	11.143	ug/l	92
74) N-amyl acetate	11.45	43	21694	2.244	ug/l #	87
95) Naphthalene	14.50	128	22887	1.936	ug/l #	90

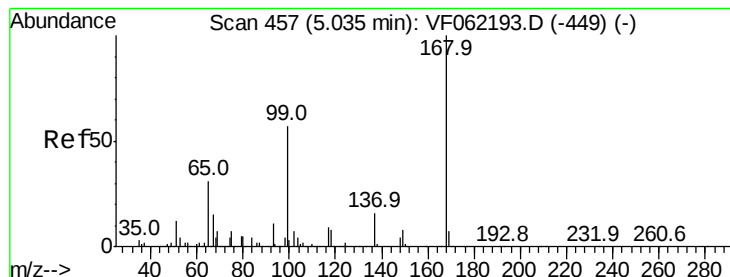
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042219\
Data File : VF062244.D
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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# 460

Delta R.T. 0.03 min

Lab File: VF062244.D

Acq: 22 Apr 2019 15:00

Instrument :

MSVOA_F

ClientSampleId :

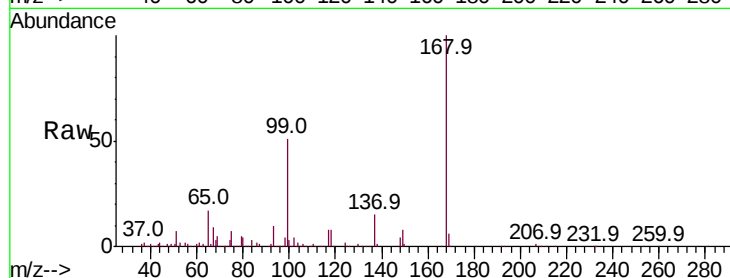
OK-03-041719

Tot Ion:168 Resp: 489018

Ion Ratio Lower Upper

168 100

99 51.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

150000

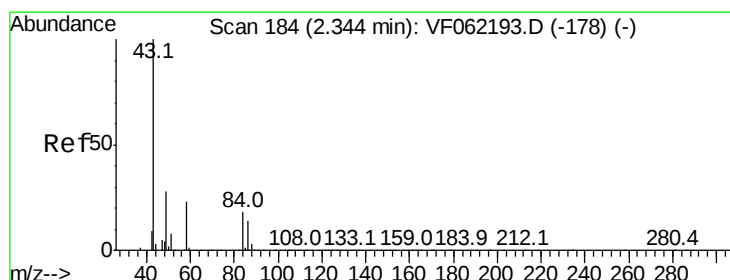
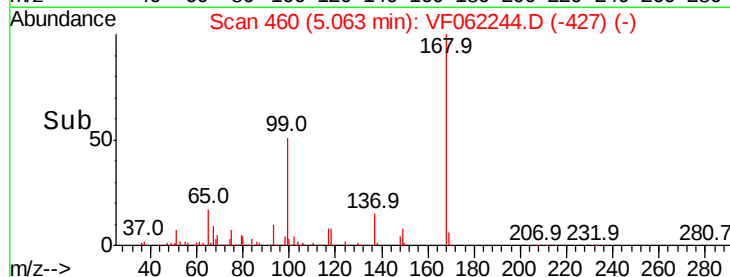
100000

50000

0

Time-->

5.00 5.20



#16

Acetone

Concen: 31.872 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF062244.D

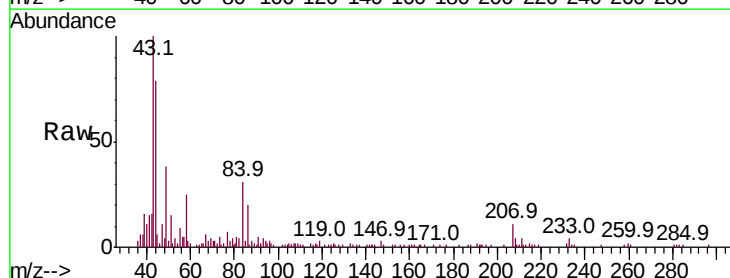
Acq: 22 Apr 2019 15:00

Tgt Ion: 43 Resp: 34160

Ion Ratio Lower Upper

43 100

58 28.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

15000

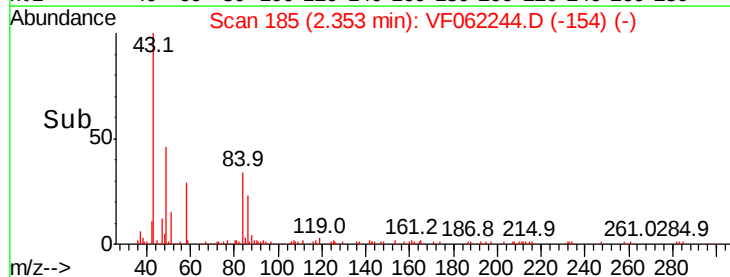
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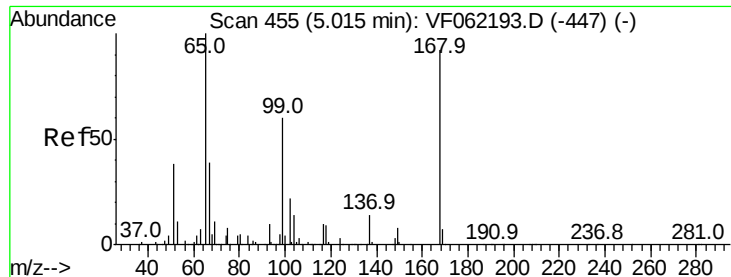
5000

0

Time-->

2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 44.049 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062244.D

Acq: 22 Apr 2019 15:00

Instrument :

MSVOA_F

ClientSampleId :

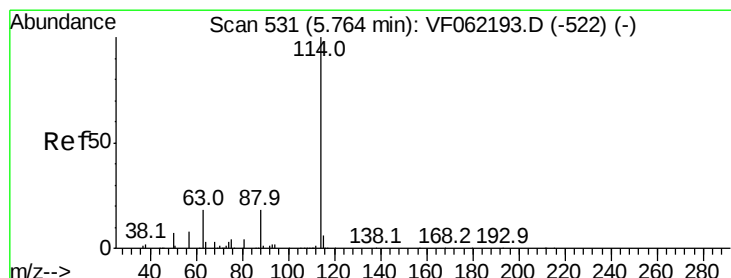
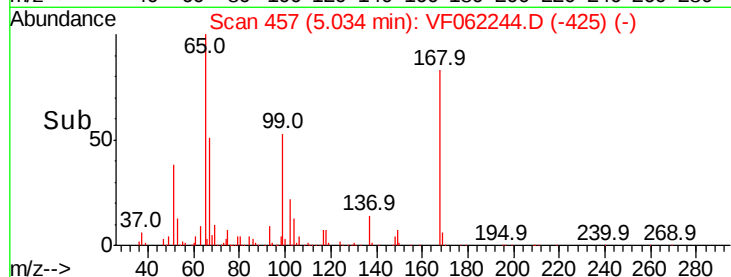
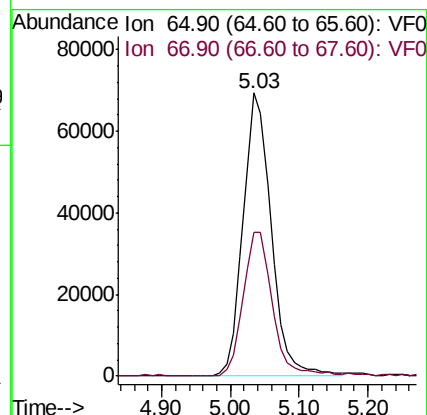
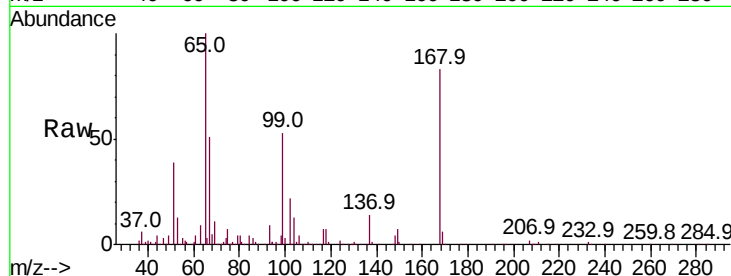
OK-03-041719

Tot Ion: 65 Resp: 197517

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062244.D

Acq: 22 Apr 2019 15:00

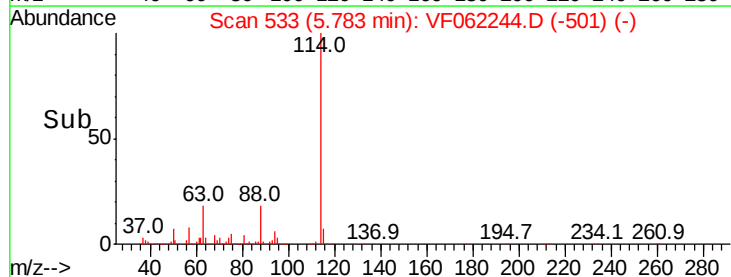
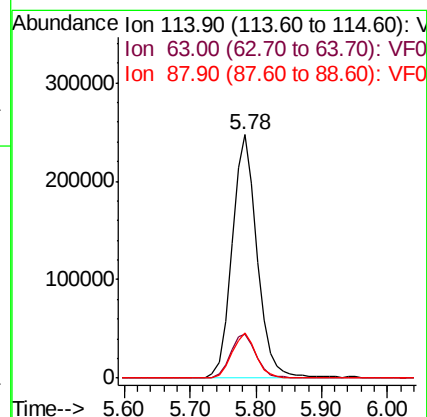
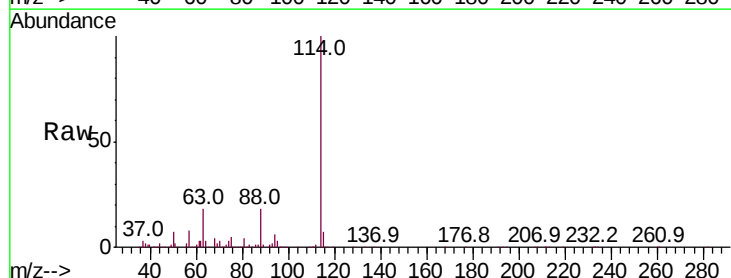
Tgt Ion: 114 Resp: 657496

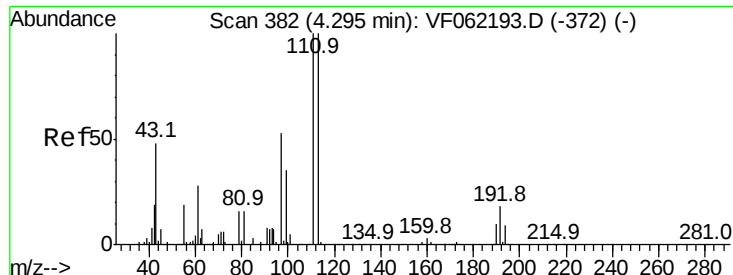
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 18.4 0.0 35.8

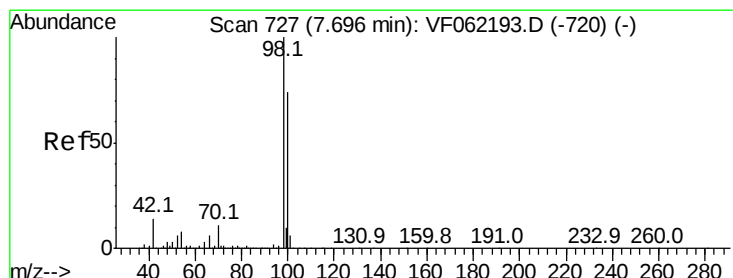
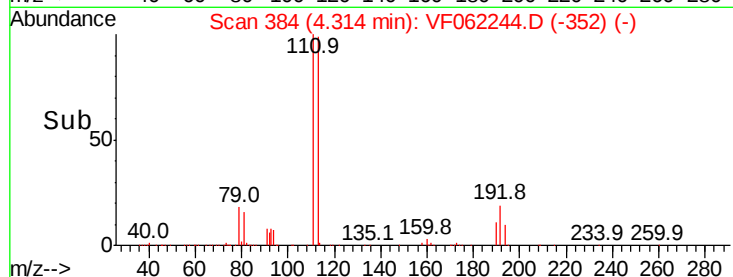
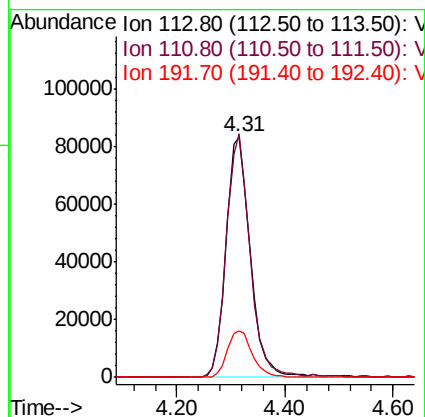
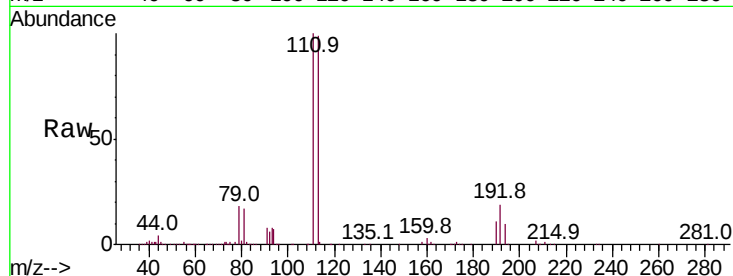




#35
 Dibromofluoromethane
 Concen: 44.966 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062244.D
 Acq: 22 Apr 2019 15:00

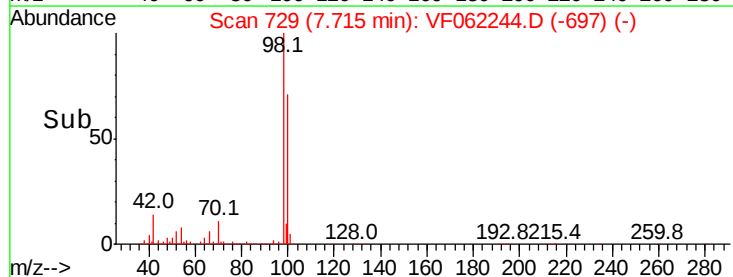
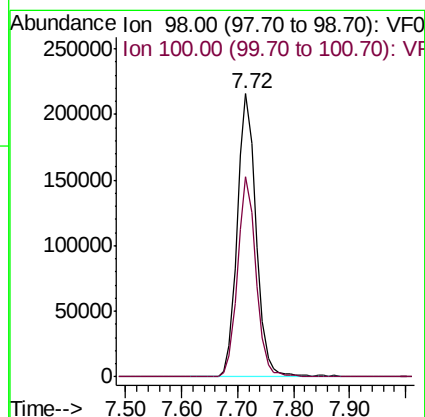
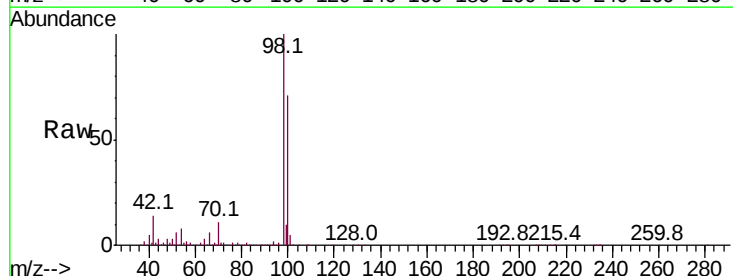
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-041719

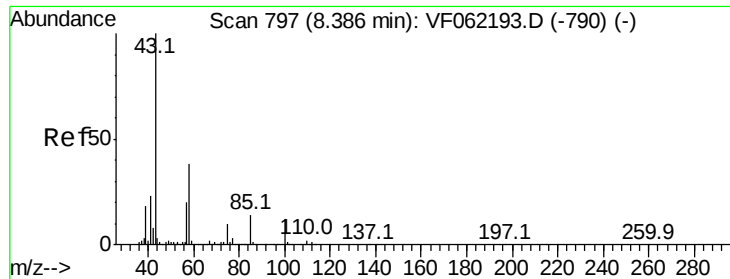
Tot Ion:113 Resp: 258618
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.1 121.7
 192 19.9 14.7 22.1



#50
 Toluene-d8
 Concen: 34.693 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.02 min
 Lab File: VF062244.D
 Acq: 22 Apr 2019 15:00

Tgt Ion: 98 Resp: 505088
 Ion Ratio Lower Upper
 98 100
 100 68.9 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 7.126 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.02 min

Lab File: VF062244.D

Acq: 22 Apr 2019 15:00

Instrument :

MSVOA_F

ClientSampleId :

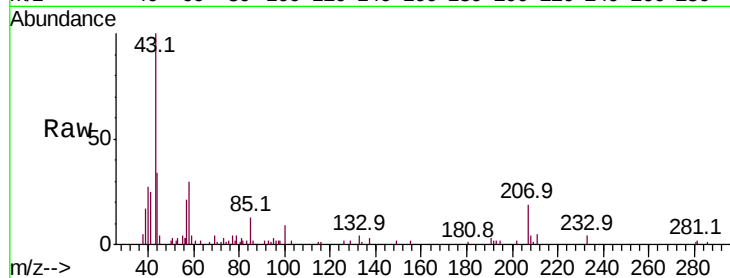
OK-03-041719

Tot Ion: 43 Resp: 20736

Ion Ratio Lower Upper

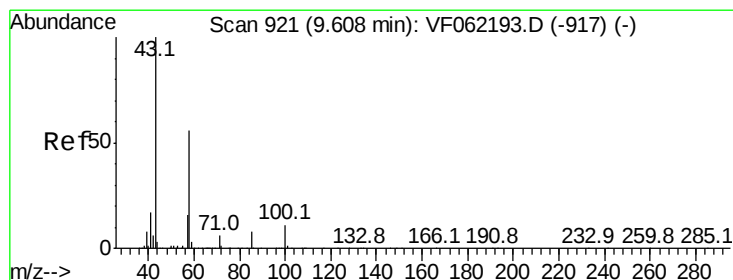
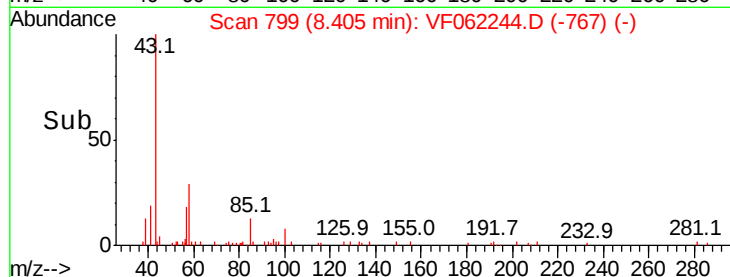
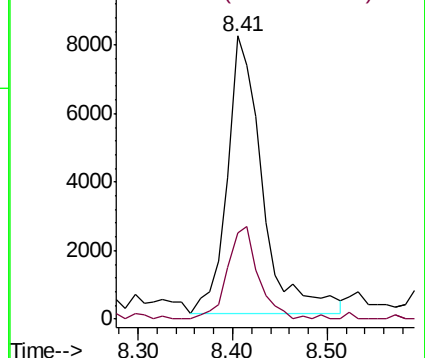
43 100

58 29.9 29.3 43.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#59

2-Hexanone

Concen: 11.143 ug/l

RT: 9.63 min Scan# 923

Delta R.T. 0.02 min

Lab File: VF062244.D

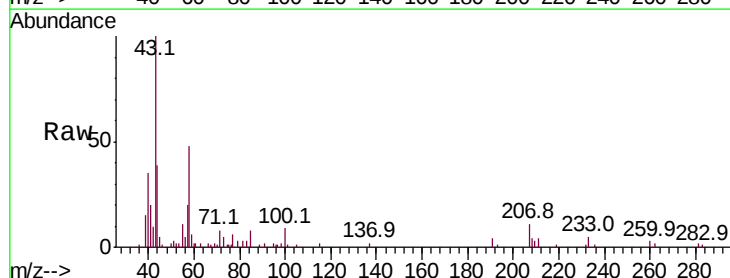
Acq: 22 Apr 2019 15:00

Tgt Ion: 43 Resp: 19983

Ion Ratio Lower Upper

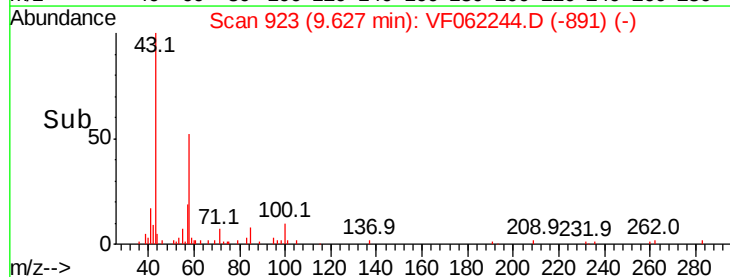
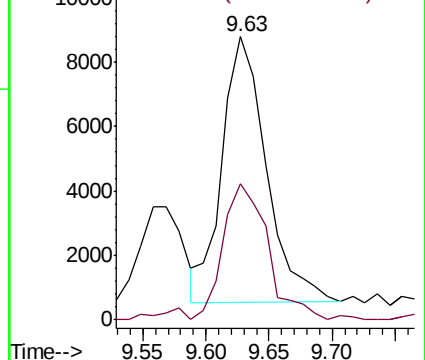
43 100

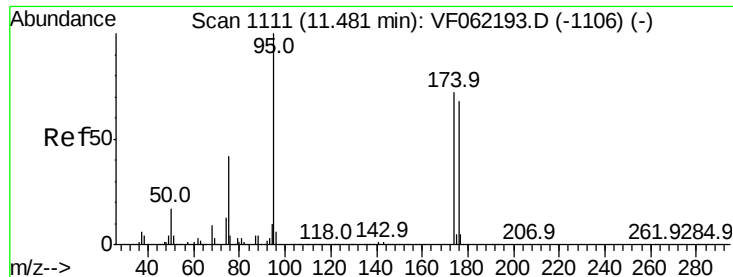
58 54.7 24.6 74.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

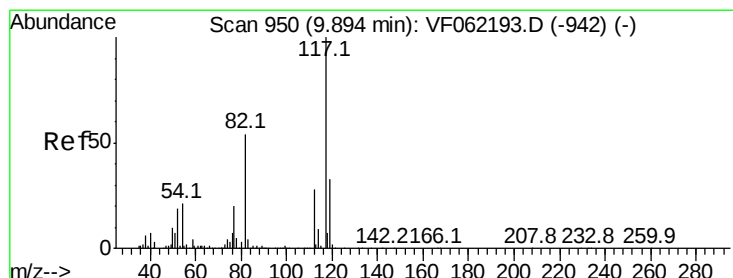
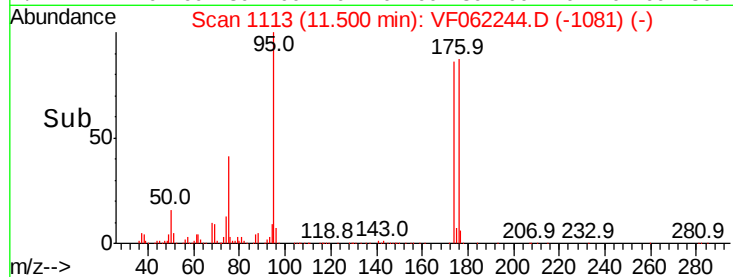
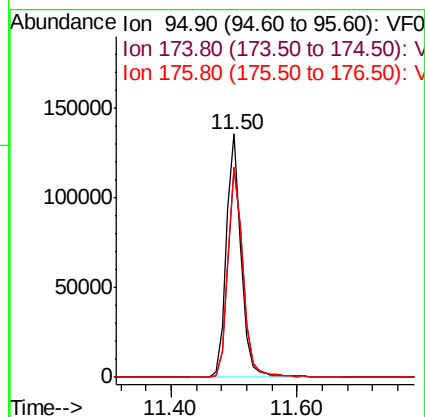
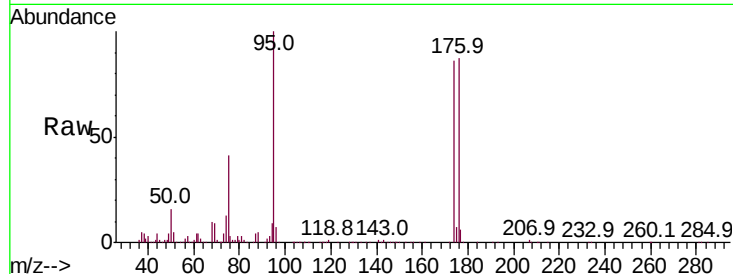




#62
4-Bromofluorobenzene
Concen: 39.833 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062244.D
Acq: 22 Apr 2019 15:00

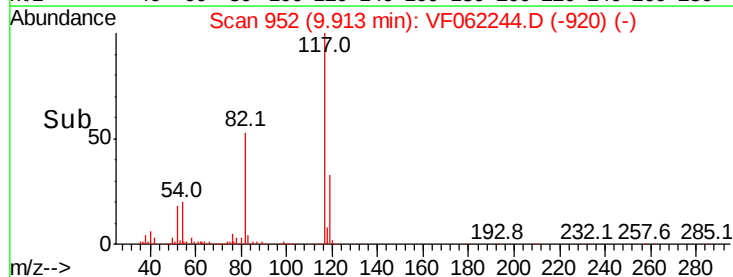
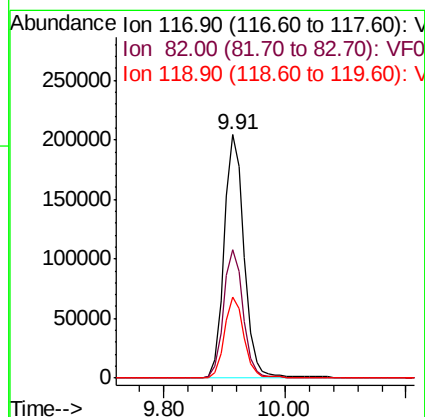
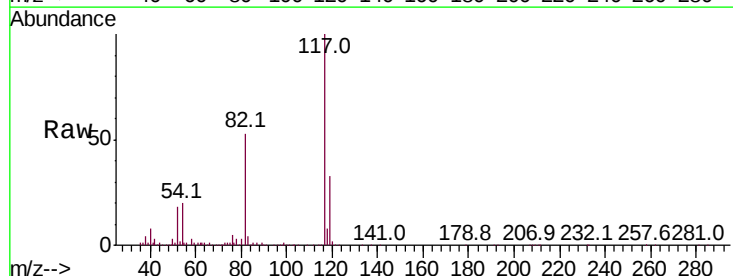
Instrument :
MSVOA_F
ClientSampleId :
OK-03-041719

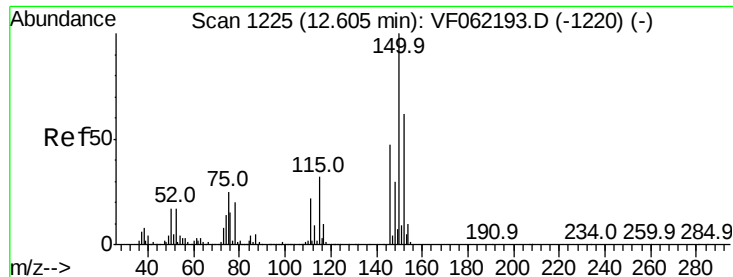
Tot Ion: 95 Resp: 223094
Ion Ratio Lower Upper
95 100
174 86.8 0.0 159.4
176 87.8 0.0 155.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062244.D
Acq: 22 Apr 2019 15:00

Tgt Ion: 117 Resp: 470182
Ion Ratio Lower Upper
117 100
82 52.5 43.2 64.8
119 33.3 26.2 39.4



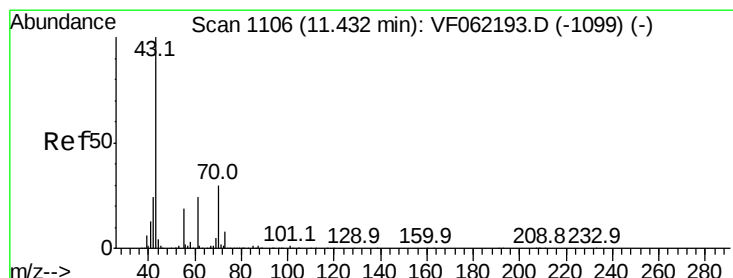
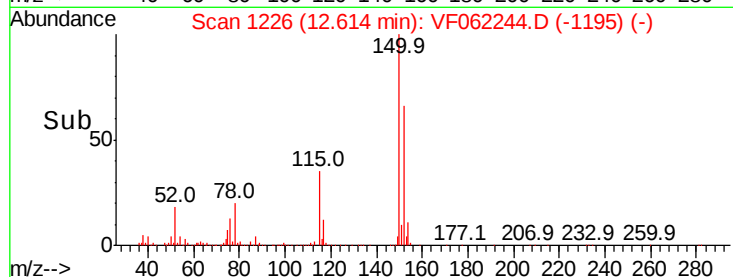
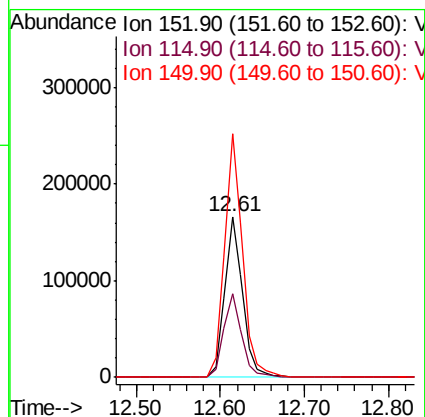
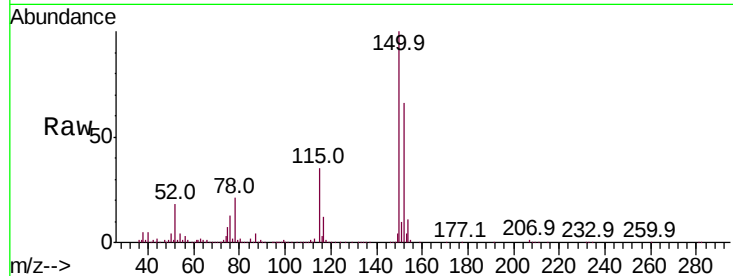


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062244.D
Acq: 22 Apr 2019 15:00

Instrument :
MSVOA_F
ClientSampleId :
OK-03-041719

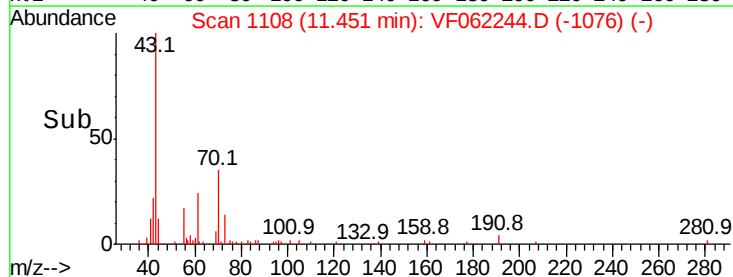
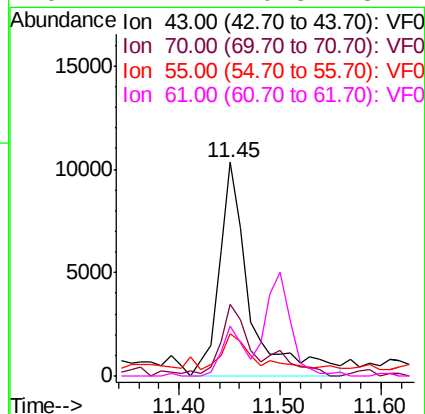
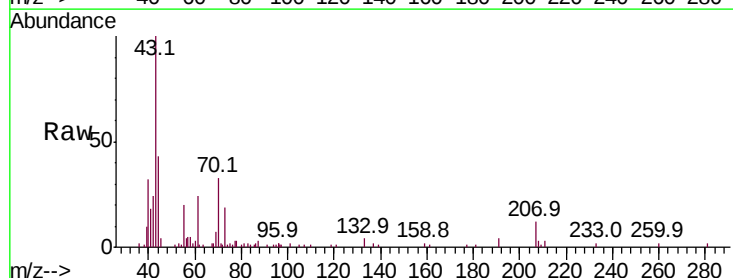
Tot Ion:152 Resp: 245102
Ion Ratio Lower Upper
152 100
115 52.4 27.8 83.3
150 151.9 0.0 341.8

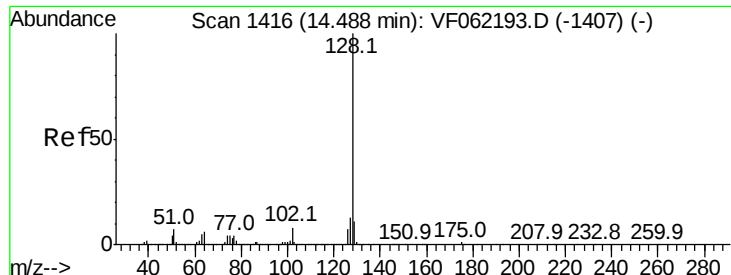


#74

N-ethyl acetate
Concen: 2.244 ug/l
RT: 11.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VF062244.D
Acq: 22 Apr 2019 15:00

Tgt Ion: 43 Resp: 21694
Ion Ratio Lower Upper
43 100
70 25.7 27.0 40.4#
55 16.3 15.7 23.5
61 17.1 20.8 31.2#





#95

Naphthalene

Concen: 1.936 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VF062244.D

Acq: 22 Apr 2019 15:00

Instrument :

MSVOA_F

ClientSampleId :

OK-03-041719

Tot Ion:128 Resp: 22887

Ion Ratio Lower Upper

128 100

127 16.0 10.4 15.6#

129 16.2 9.2 13.8#

