

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060719\
 Data File : VF062895.D
 Acq On : 7 Jun 2019 12:49
 Operator : FY/SY
 Sample : VF0607SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 08 00:38:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	749167	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.79	114	1325869	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	1081592	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	466091	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	259087	50.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	4.31	113	470031	46.91	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.82%	
50) Toluene-d8	7.72	98	1130164	44.61	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	11.49	95	436241	47.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.74%	

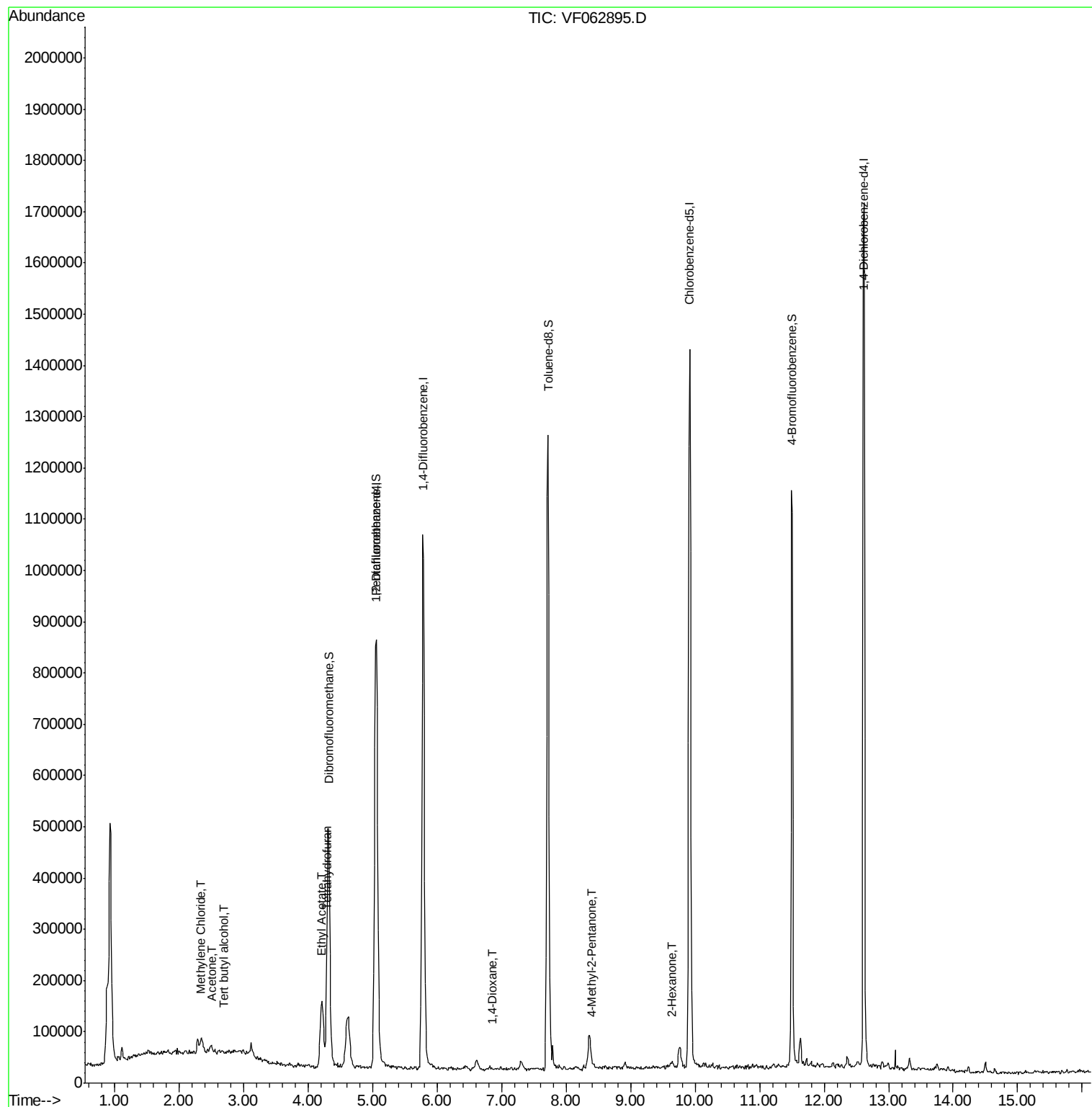
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	4845	Below Cal		81
11) Tert butyl alcohol	2.69	59	2356	7.507 ug/l #		1
13) Acrolein	2.08	56	219	Below Cal #		1
16) Acetone	2.50	43	4617	3.894 ug/l		93
20) Methylene Chloride	2.35	84	24487	1.210 ug/l #		89
29) Tetrahydrofuran	4.28	42	1406	1.331 ug/l #		57
37) Ethyl Acetate	4.20	43	8132	1.743 ug/l		95
49) 1,4-Dioxane	6.86	88	284	6.783 ug/l #		1
51) 4-Methyl-2-Pentanone	8.41	43	6601	1.500 ug/l		93
59) 2-Hexanone	9.64	43	9547	3.044 ug/l		100

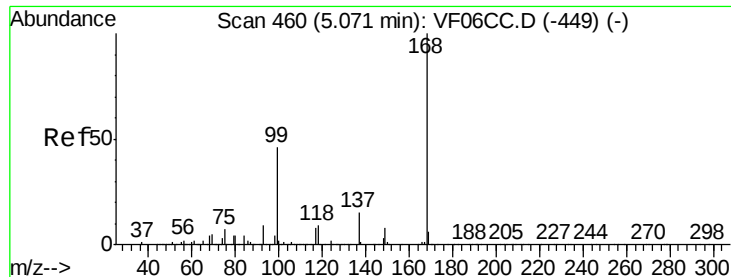
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060719\
Data File : VF062895.D
Acq On : 7 Jun 2019 12:49
Operator : FY/SY
Sample : VF0607SBL01
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 08 00:38:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 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: VF062895.D

Acq: 7 Jun 2019 12:49

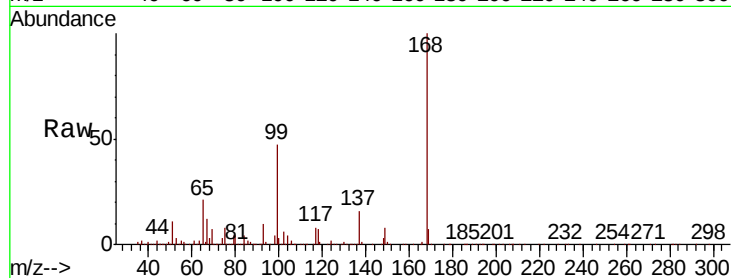
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 749167

Ion Ratio Lower Upper

168 100

99 47.5 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

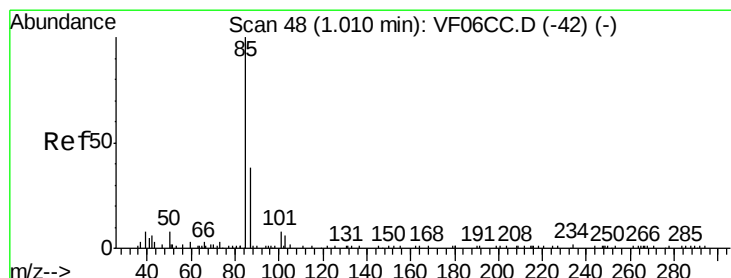
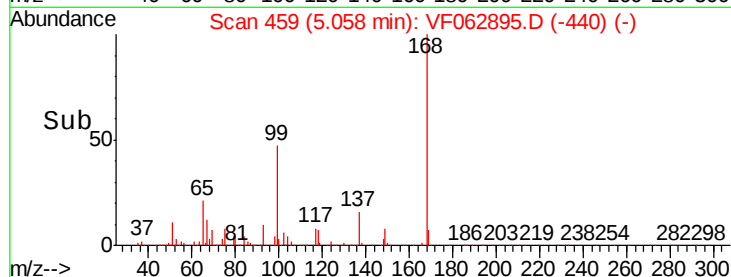
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.01 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062895.D

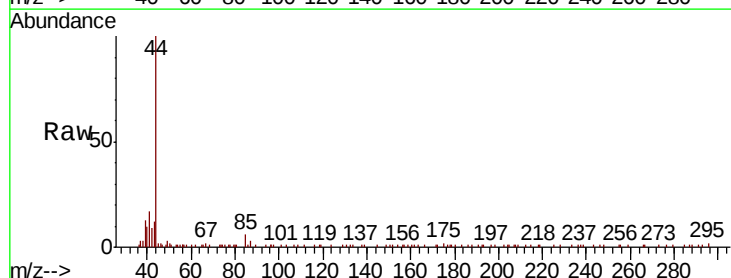
Acq: 7 Jun 2019 12:49

Tgt Ion: 85 Resp: 4845

Ion Ratio Lower Upper

85 100

87 46.5 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.01

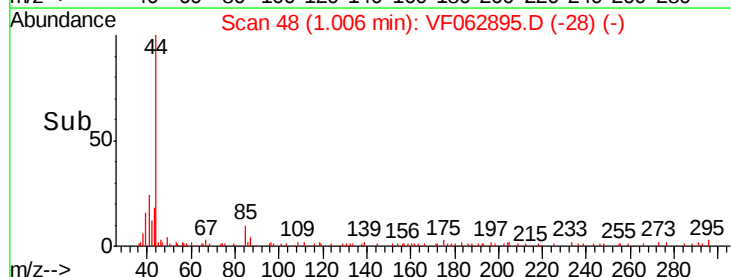
1500

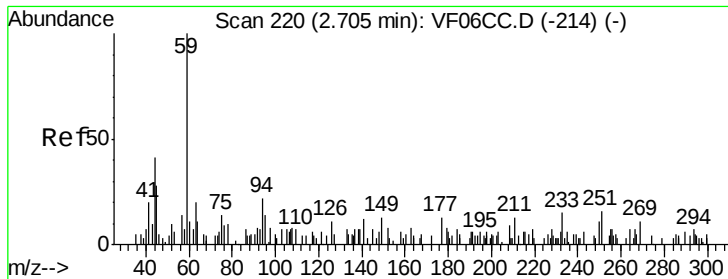
1000

500

0

Time-->



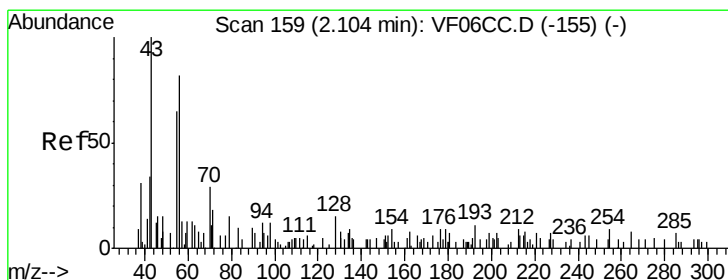
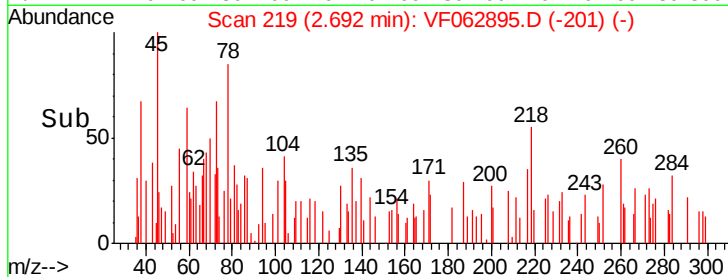
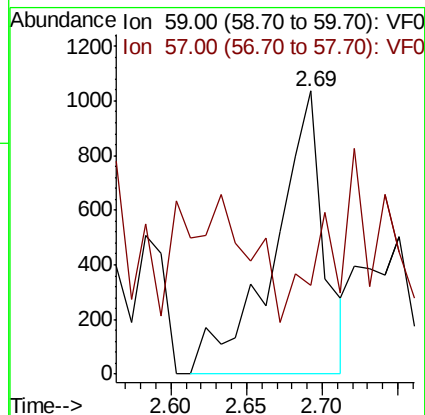
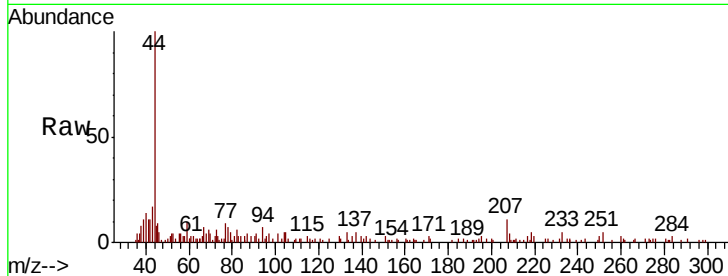


#11

Tert butvl alcohol
Concen: 7.507 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.03 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

Instrument :
MSVOA_F
ClientSampled :

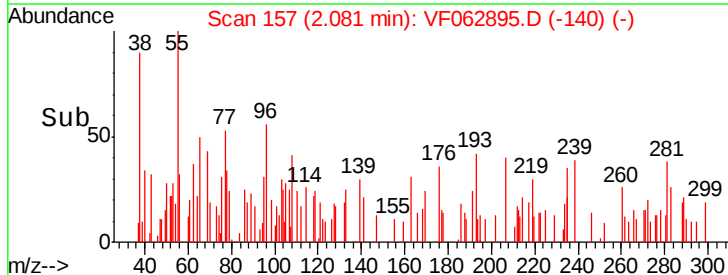
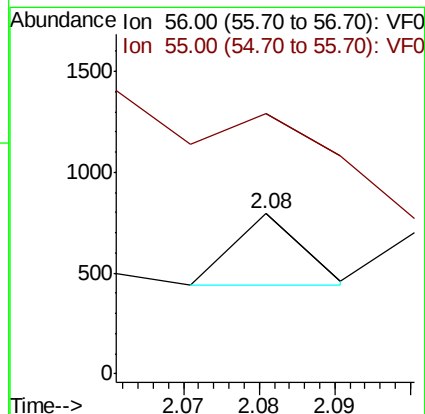
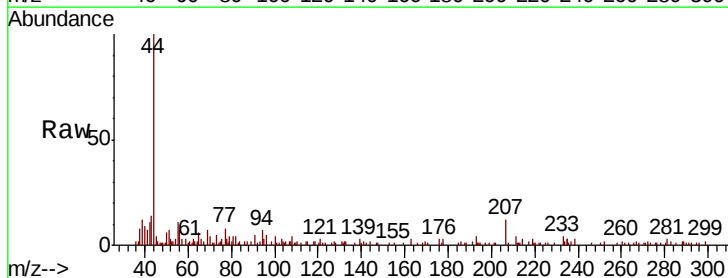
Tot Ion: 59 Resp: 2356
Ion Ratio Lower Upper
59 100
57 57.8 9.2 13.8#

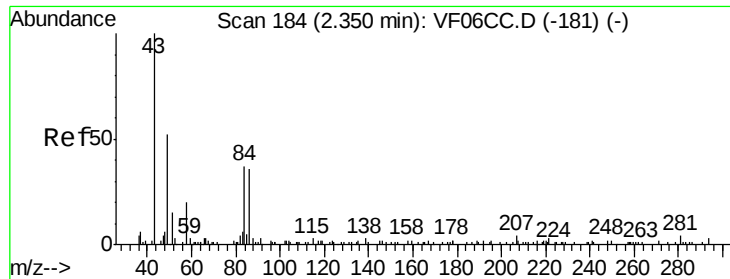


#13

Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 157
Delta R.T. -0.03 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

Tgt Ion: 56 Resp: 219
Ion Ratio Lower Upper
56 100
55 162.4 52.9 79.3#





#16

Acetone

Concen: 3.894 ug/l

RT: 2.50 min Scan# 200

Delta R.T. 0.14 min

Lab File: VF062895.D

Acq: 7 Jun 2019 12:49

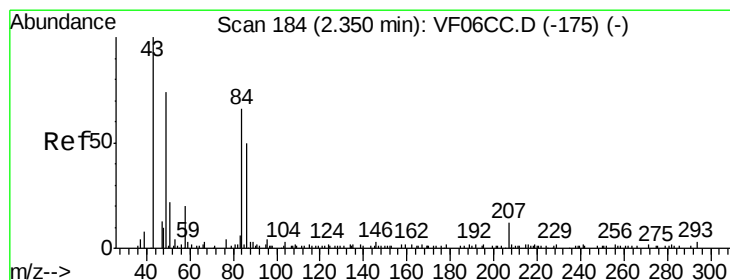
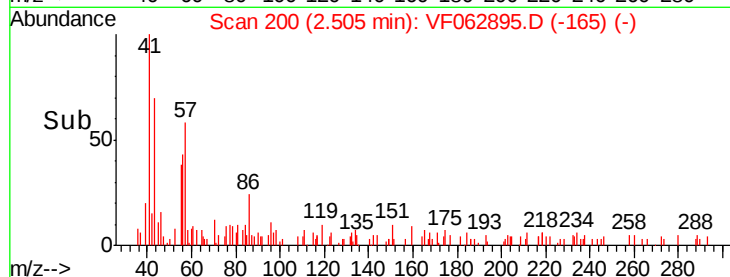
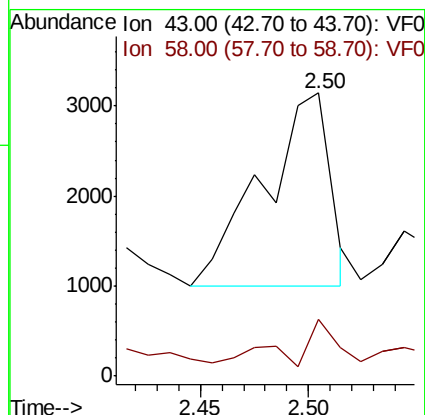
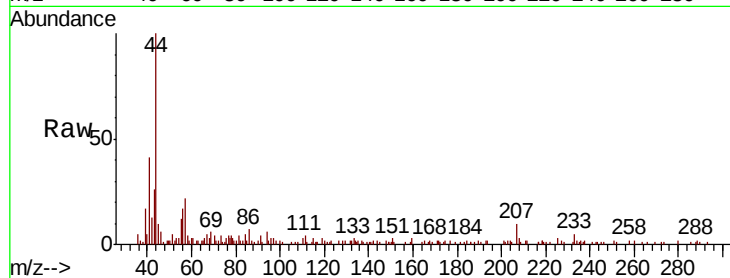
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 4617

Ion Ratio Lower Upper

43 100

58 20.2 19.0 28.4



#20

Methylene Chloride

Concen: 1.210 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.02 min

Lab File: VF062895.D

Acq: 7 Jun 2019 12:49

Tgt Ion: 84 Resp: 24487

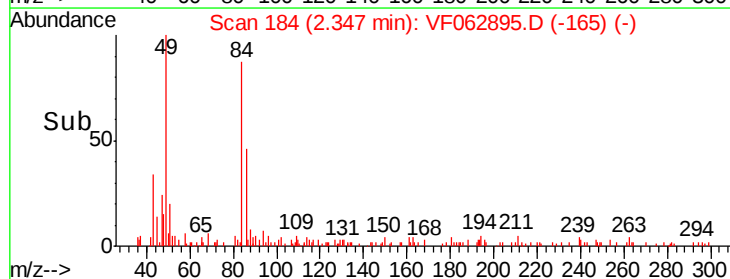
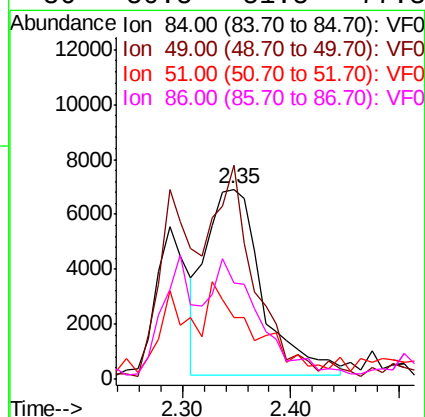
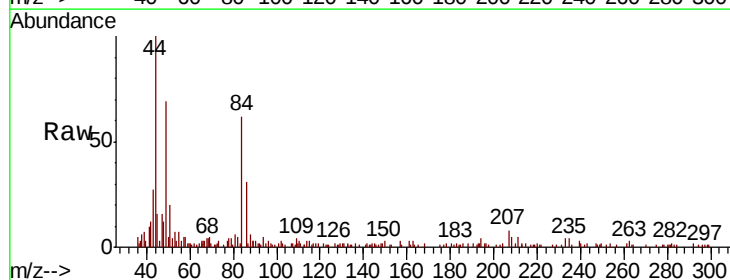
Ion Ratio Lower Upper

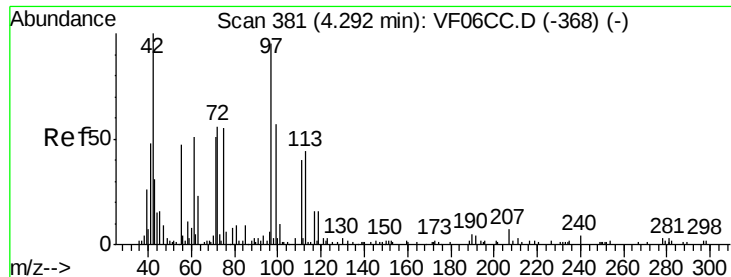
84 100

49 112.5 82.6 123.8

51 32.6 25.0 37.4

86 50.5 51.5 77.3#

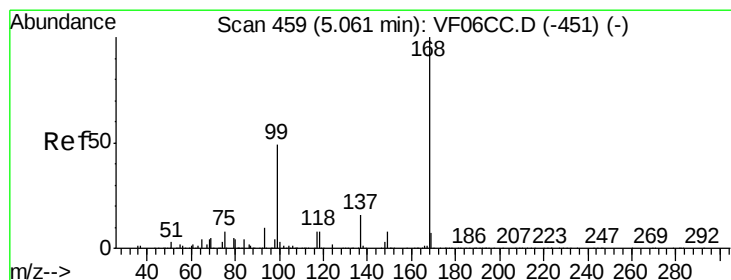
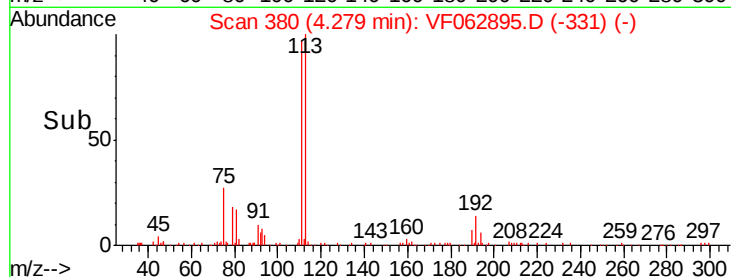
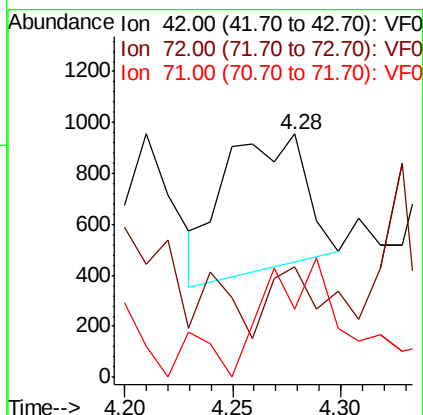
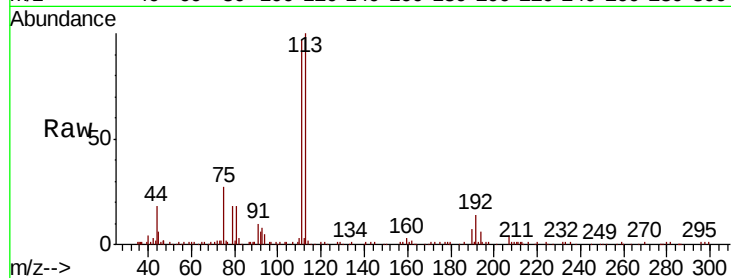




#29
Tetrahydrofuran
Concen: 1.331 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

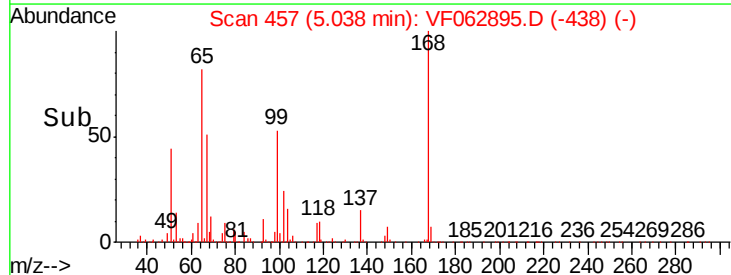
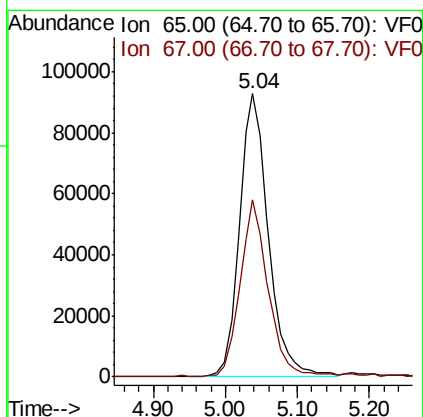
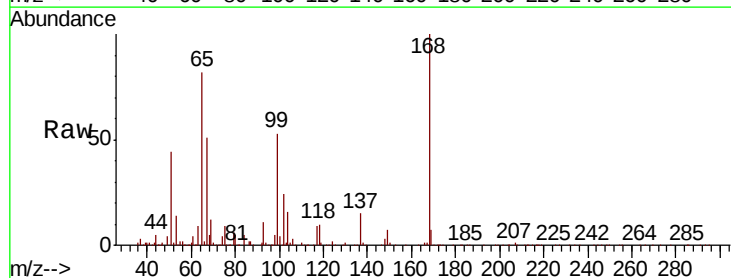
Instrument :
MSVOA_F
ClientSampled :

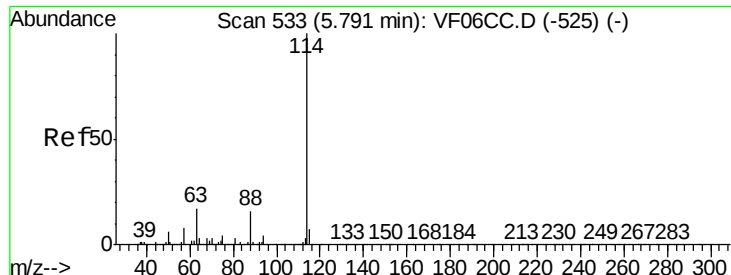
Tot Ion: 42 Resp: 1406
Ion Ratio Lower Upper
42 100
72 69.5 39.0 58.6#
71 83.0 36.9 55.3#



#33
1,2-Dichloroethane-d4
Concen: 50.012 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.02 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

Tgt Ion: 65 Resp: 259087
Ion Ratio Lower Upper
65 100
67 62.7 0.0 121.2

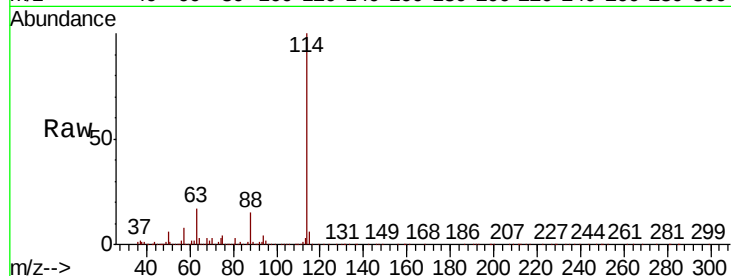




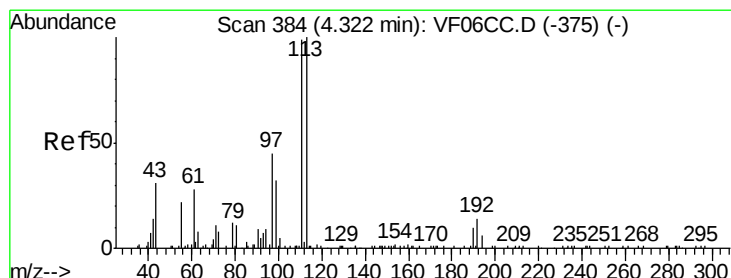
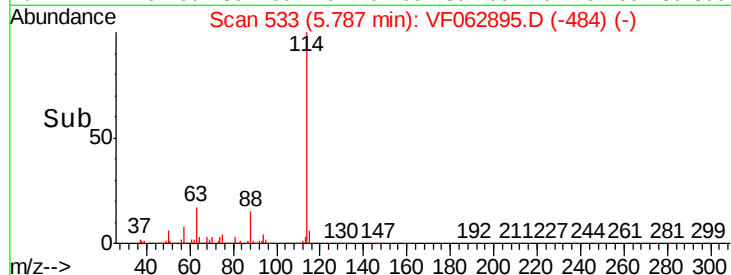
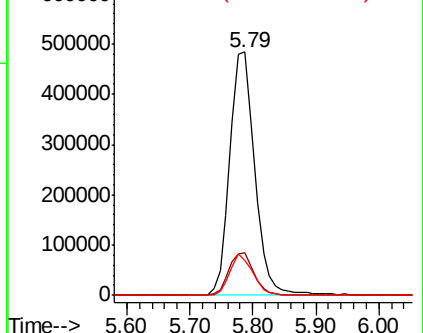
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. -0.02 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:114 Resp: 1325869
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.2
88 14.6 0.0 31.2

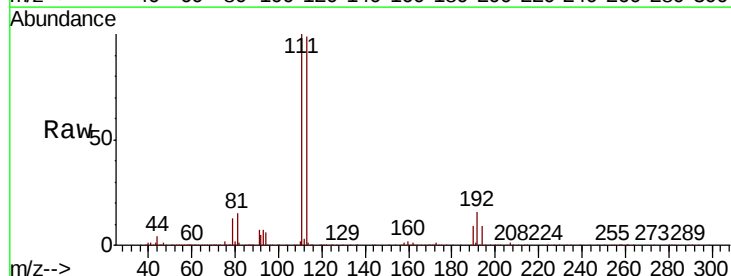


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

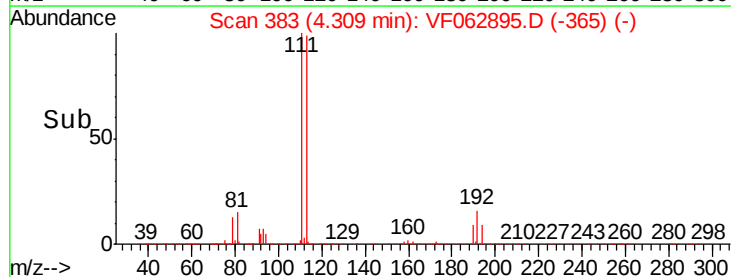
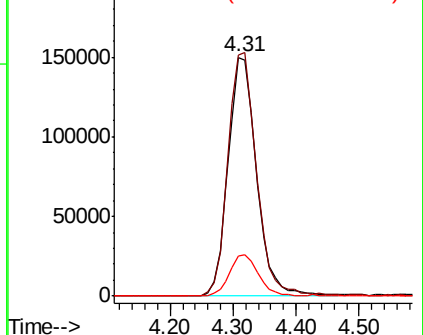


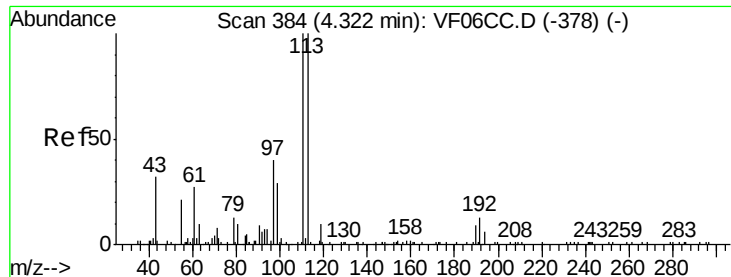
#35
Dibromofluoromethane
Concen: 46.914 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.03 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

Tgt Ion:113 Resp: 470031
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 16.5 15.1 22.7



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

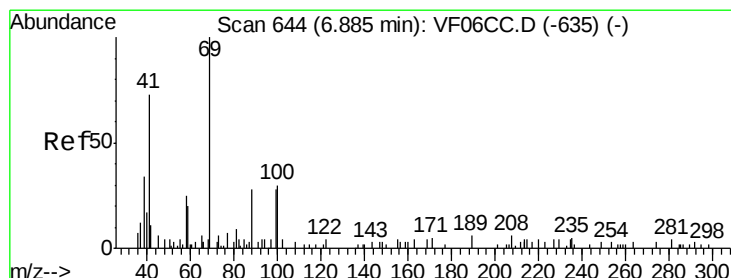
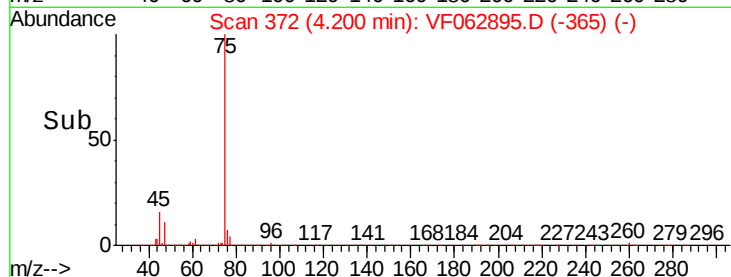
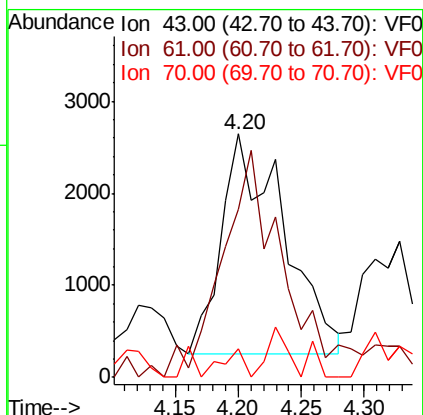
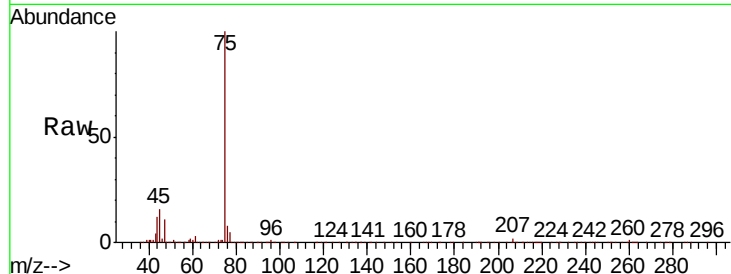




#37
Ethyl Acetate
Concen: 1.743 ug/l
RT: 4.20 min Scan# 372
Delta R.T. -0.13 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

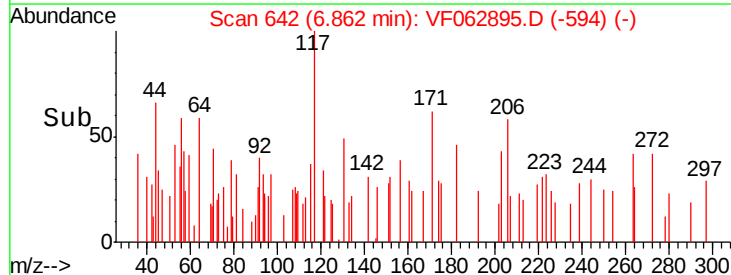
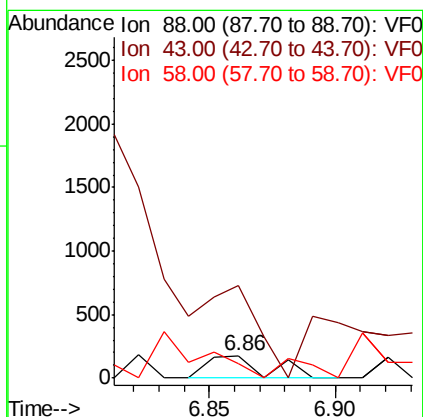
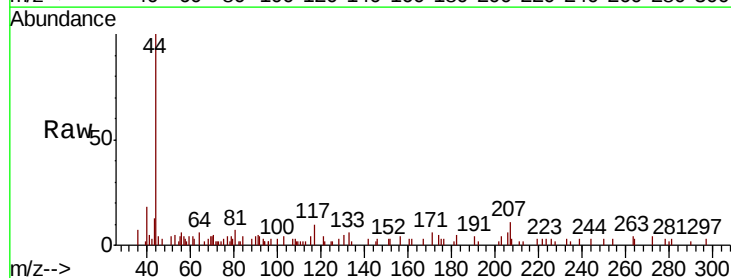
Instrument :
MSVOA_F
ClientSampleId :

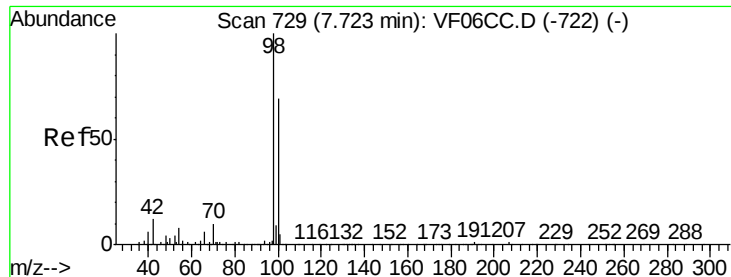
Tot Ion: 43 Resp: 8132
Ion Ratio Lower Upper
43 100
61 69.3 59.1 88.7
70 11.8 10.1 15.1



#49
1,4-Dioxane
Concen: 6.783 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.03 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

Tgt Ion: 88 Resp: 284
Ion Ratio Lower Upper
88 100
43 407.9 34.8 52.2#
58 62.9 59.9 89.9





#50

Toluene-d8

Concen: 44.608 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.02 min

Lab File: VF062895.D

Acq: 7 Jun 2019 12:49

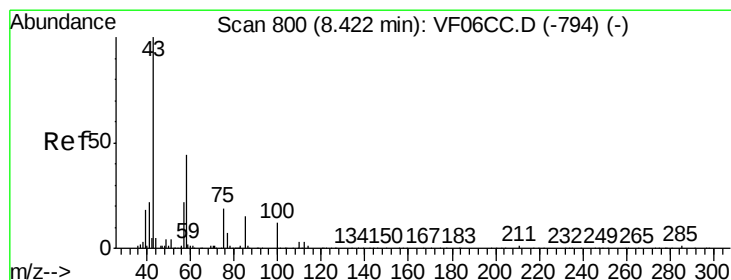
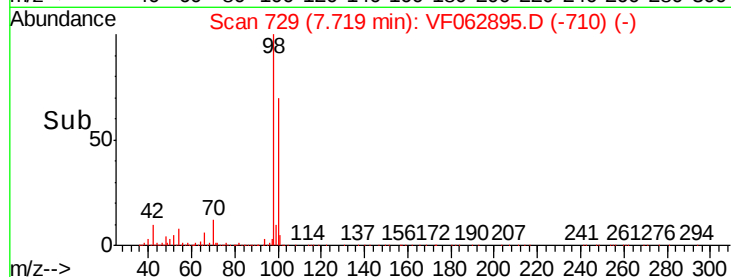
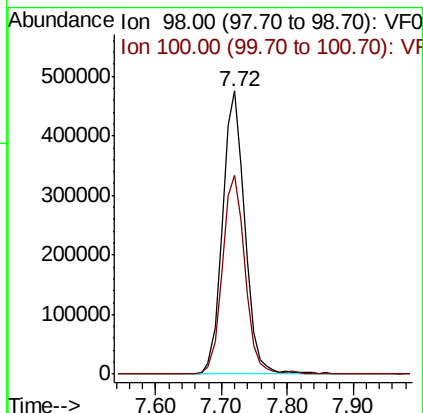
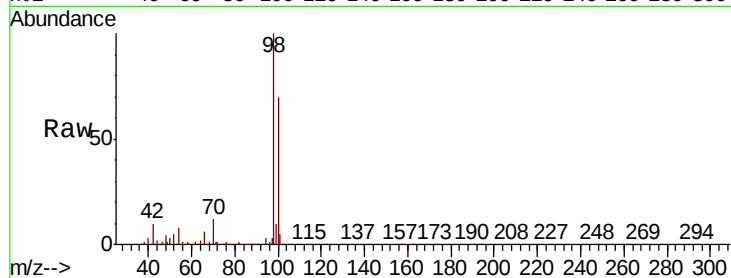
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 98 Resp: 1130164

Ion Ratio Lower Upper

98 100

100 70.4 59.8 89.8



#51

4-Methyl-2-Pentanone

Concen: 1.500 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.02 min

Lab File: VF062895.D

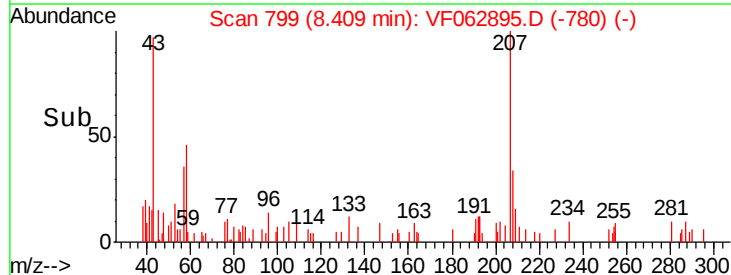
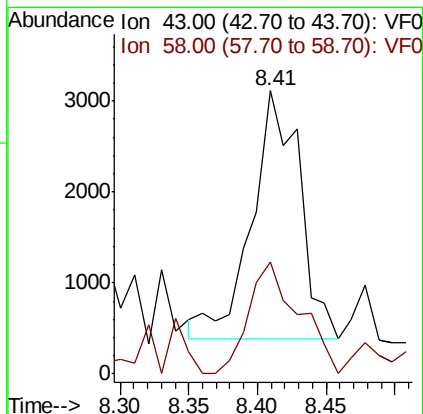
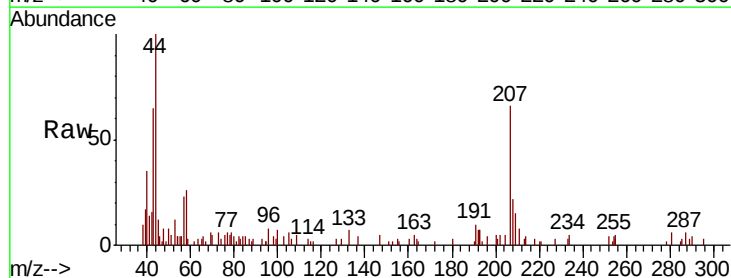
Acq: 7 Jun 2019 12:49

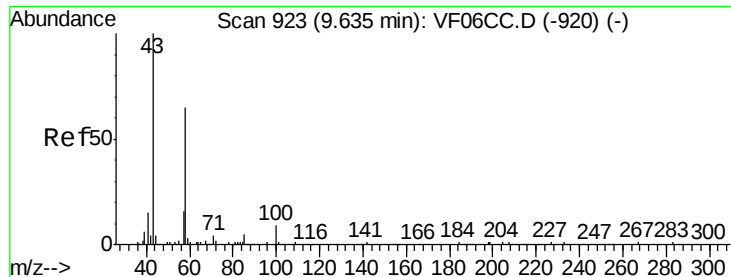
Tgt Ion: 43 Resp: 6601

Ion Ratio Lower Upper

43 100

58 39.6 35.5 53.3

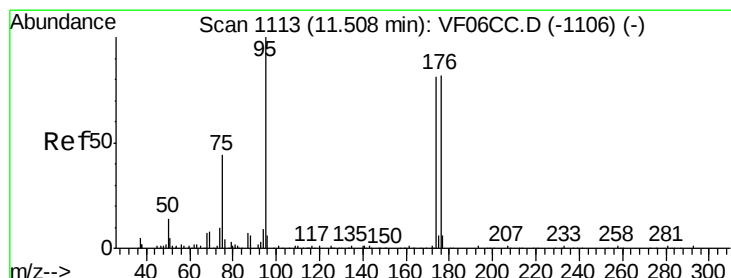
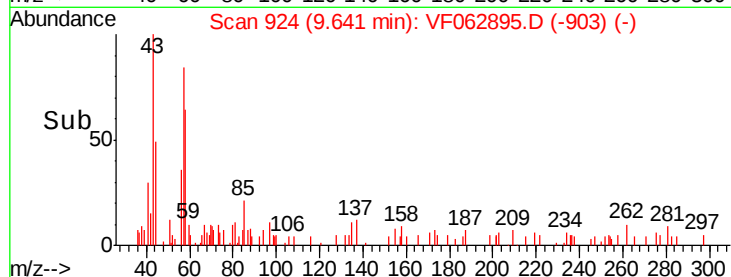
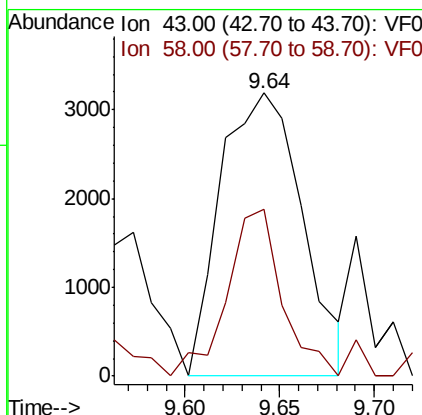
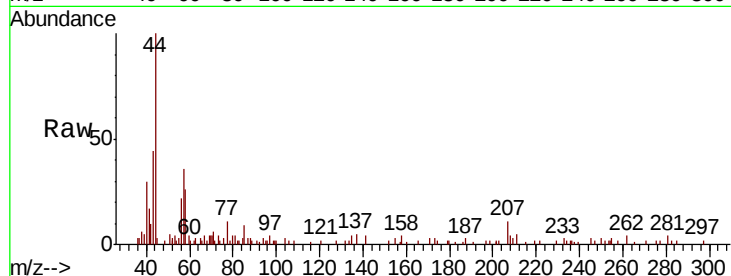




#59
2-Hexanone
Concen: 3.044 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

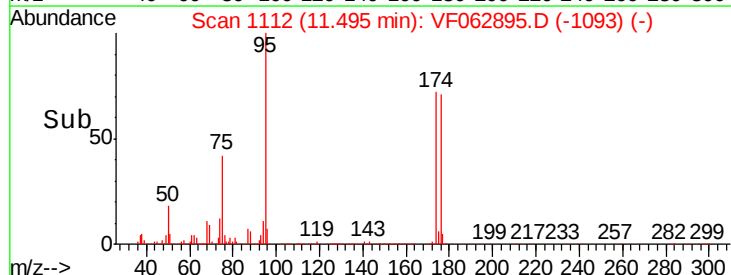
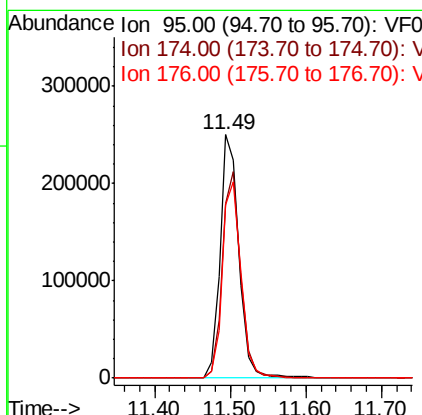
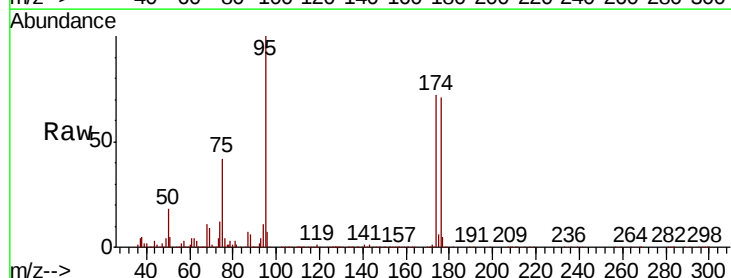
Instrument :
MSVOA_F
ClientSampleId :

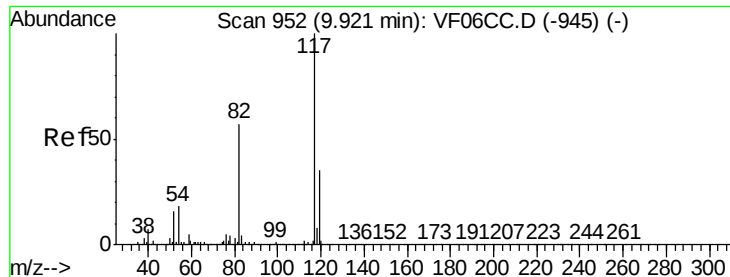
Tot Ion: 43 Resp: 9547
Ion Ratio Lower Upper
43 100
58 58.9 29.3 87.9



#62
4-Bromofluorobenzene
Concen: 47.867 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF062895.D
Acq: 7 Jun 2019 12:49

Tgt Ion: 95 Resp: 436241
Ion Ratio Lower Upper
95 100
174 71.5 0.0 170.6
176 71.1 0.0 170.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF062895.D

Acq: 7 Jun 2019 12:49

Instrument :

MSVOA_F

ClientSampleId :

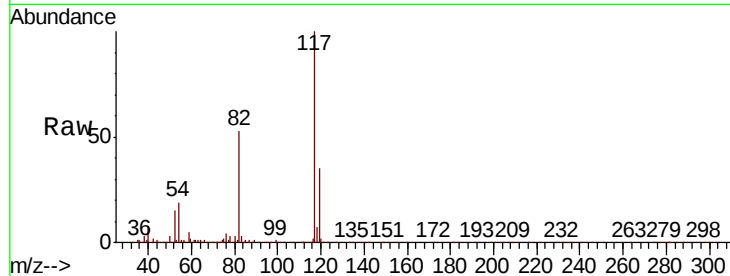
Tot Ion:117 Resp: 1081592

Ion Ratio Lower Upper

117 100

82 52.7 42.4 63.6

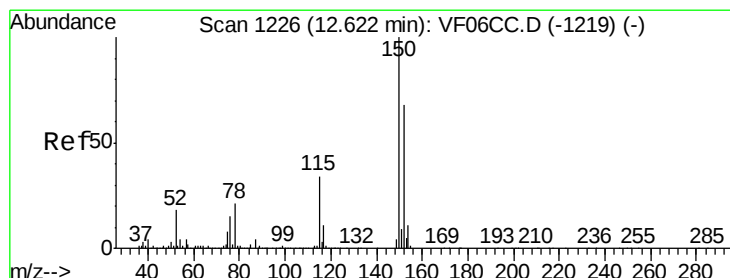
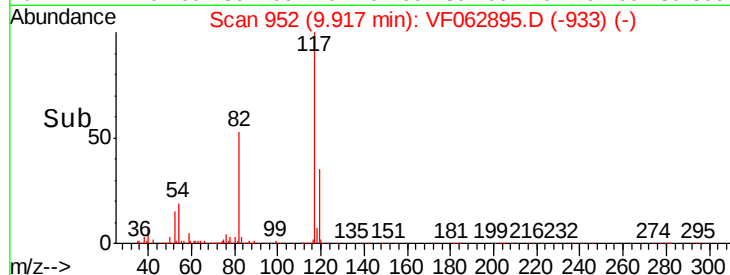
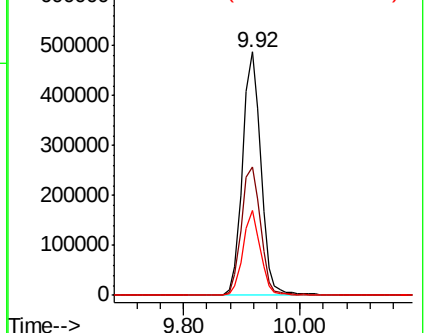
119 35.1 27.1 40.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062895.D

Acq: 7 Jun 2019 12:49

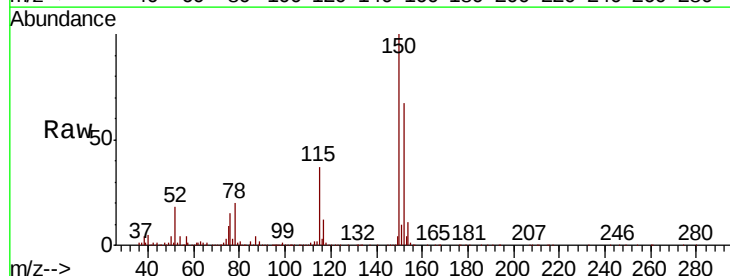
Tgt Ion:152 Resp: 466091

Ion Ratio Lower Upper

152 100

115 54.7 24.6 74.0

150 148.8 0.0 290.6



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

