

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061219\
 Data File : VF062930.D
 Acq On : 12 Jun 2019 16:26
 Operator : FY/SY
 Sample : K3294-03
 Misc : 4.97g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 13 08:31:27 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	5.05	168	599139	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	990963	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	795412	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	251895	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	226714	54.72	ug/l	-0.02
Spiked Amount			Recovery	=	109.44%	
35) Dibromofluoromethane	4.30	113	27855	3.72	ug/l	-0.03
Spiked Amount			Recovery	=	7.44%	
50) Toluene-d8	7.71	98	749309	39.57	ug/l	-0.02
Spiked Amount			Recovery	=	79.14%	
62) 4-Bromofluorobenzene	11.49	95	269284	39.53	ug/l	-0.02
Spiked Amount			Recovery	=	79.06%	

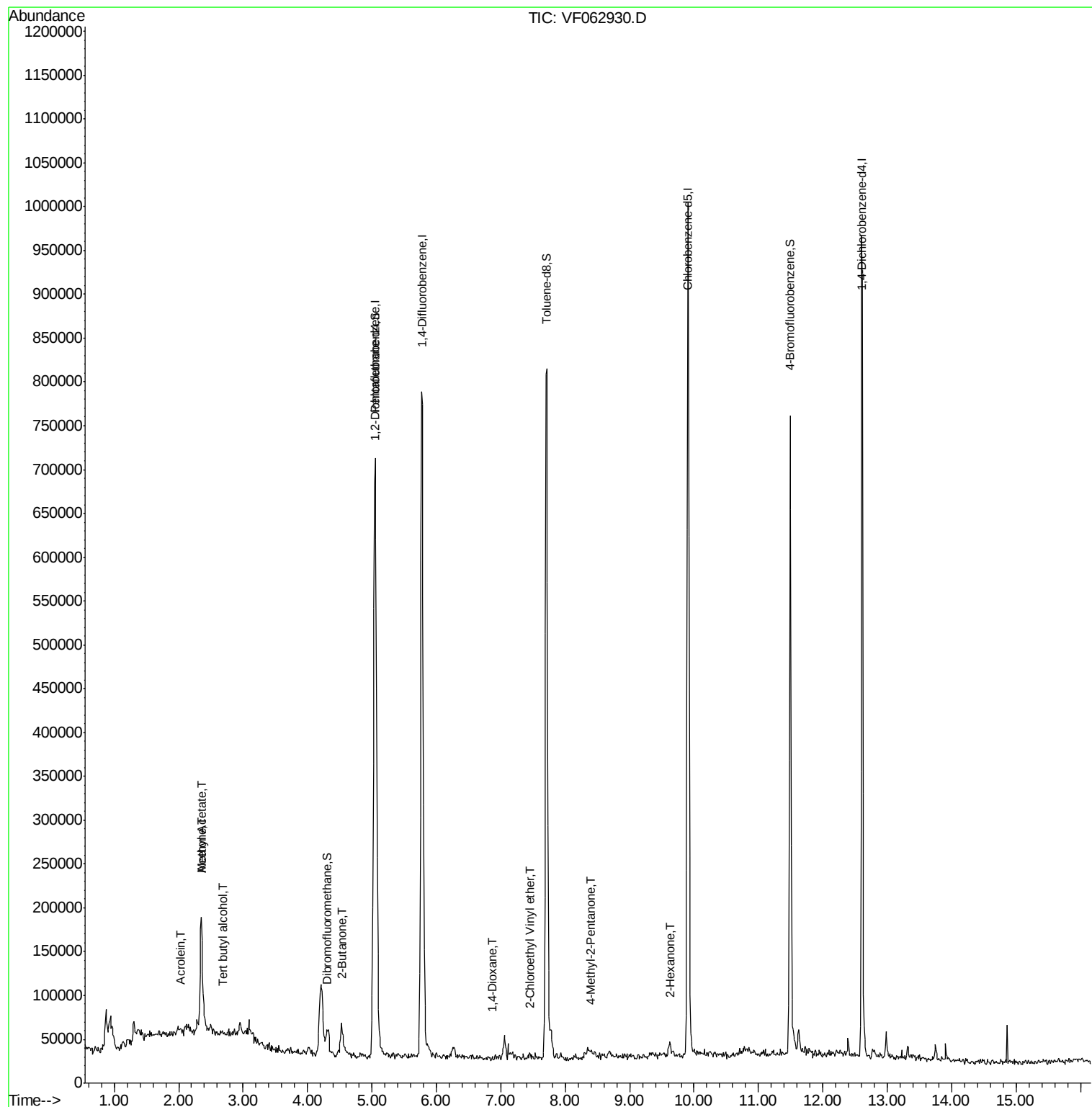
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	1967	Below Cal	#	67
11) Tert butyl alcohol	2.70	59	1089	4.339	ug/l #	1
13) Acrolein	2.04	56	1076	2.635	ug/l	90
16) Acetone	2.35	43	248929	262.512	ug/l	97
18) Methyl Acetate	2.35	43	241739	145.883	ug/l #	48
20) Methylene Chloride	2.35	84	12048	Below Cal	#	73
25) 2-Butanone	4.53	43	83964	38.022	ug/l	95
49) 1,4-Dioxane	6.87	88	168	5.368	ug/l #	5
51) 4-Methyl-2-Pentanone	8.40	43	10017	3.046	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.45	63	2030	1.267	ug/l #	76
59) 2-Hexanone	9.63	43	14066	6.000	ug/l	73

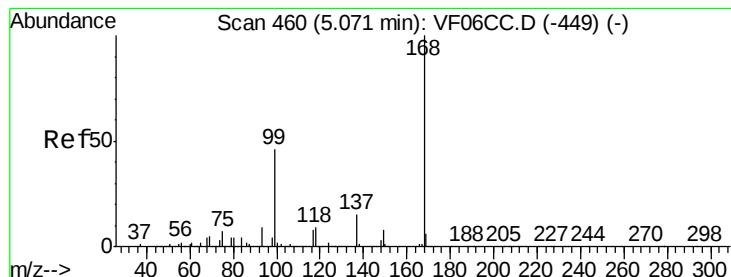
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061219\
Data File : VF062930.D
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Quant Time: Jun 13 08:31:27 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: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062930.D

Acq: 12 Jun 2019 16:26

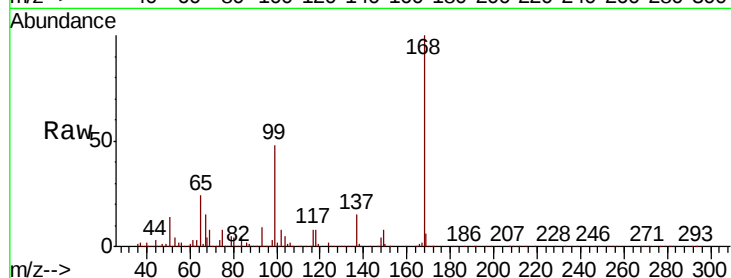
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 599139

Ion Ratio Lower Upper

168 100

99 48.2 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

200000

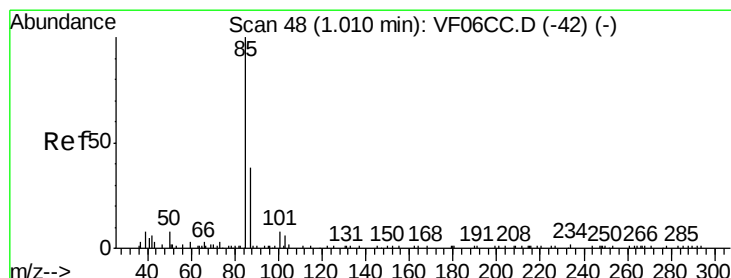
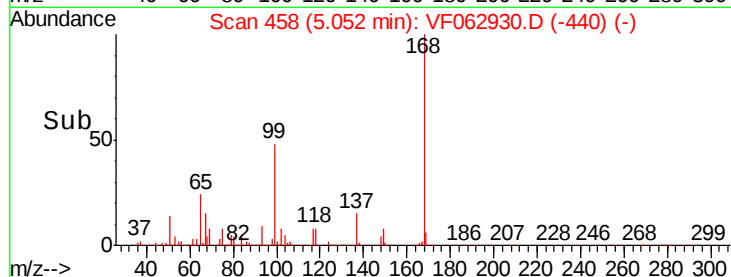
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.01 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062930.D

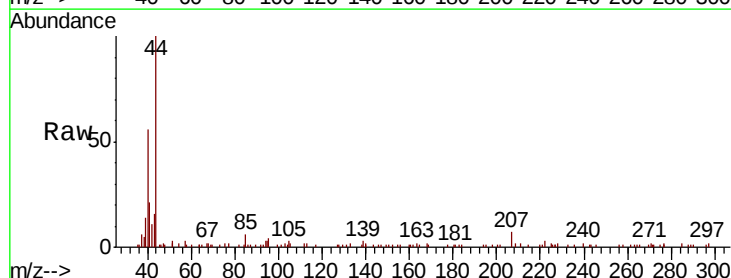
Acq: 12 Jun 2019 16:26

Tgt Ion: 85 Resp: 1967

Ion Ratio Lower Upper

85 100

87 16.1 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

800

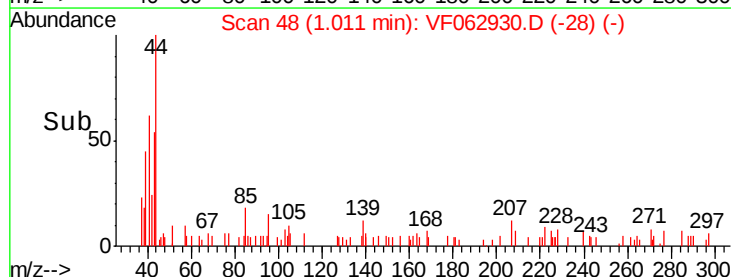
600

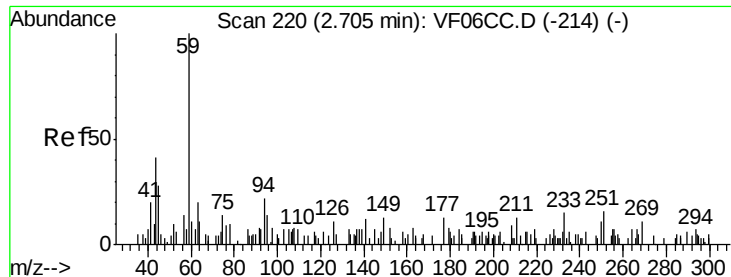
400

200

0

Time-->

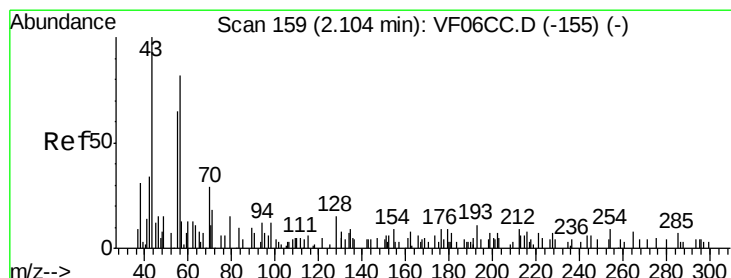
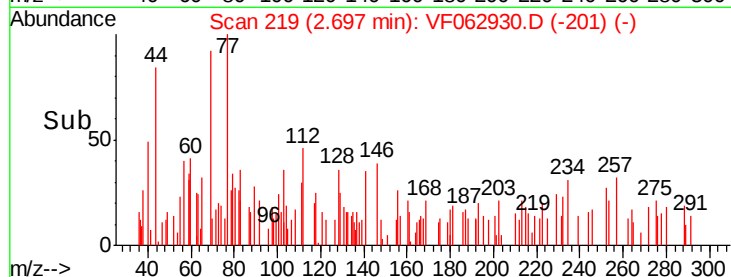
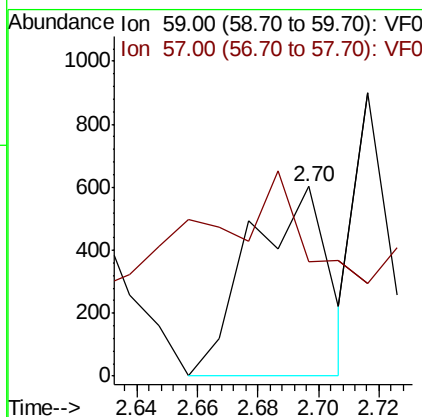
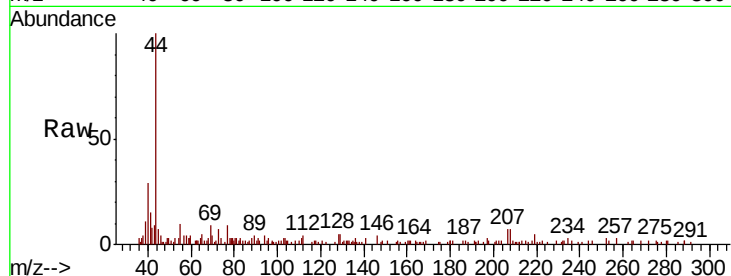




#11
Tert butvl alcohol
Concen: 4.339 ug/l
RT: 2.70 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

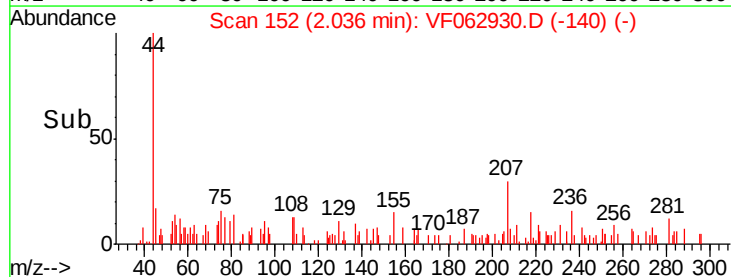
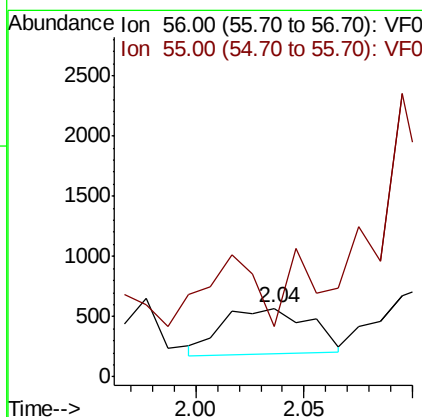
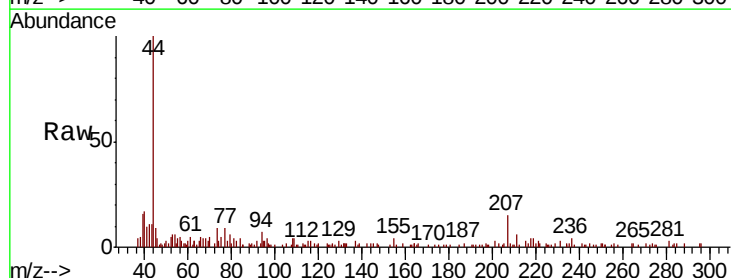
Instrument :
MSVOA_F
ClientSampled :

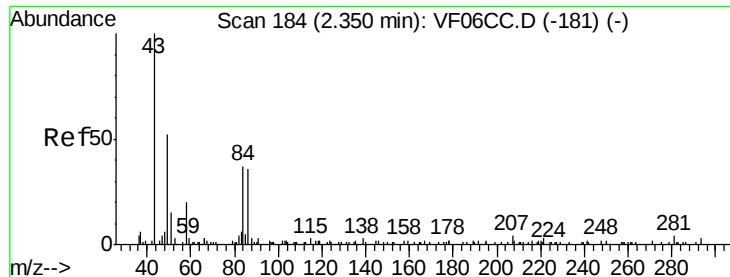
Tot Ion: 59 Resp: 1089
Ion Ratio Lower Upper
59 100
57 60.5 9.2 13.8#



#13
Acrolein
Concen: 2.635 ug/l
RT: 2.04 min Scan# 152
Delta R.T. -0.08 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

Tgt Ion: 56 Resp: 1076
Ion Ratio Lower Upper
56 100
55 74.2 52.9 79.3

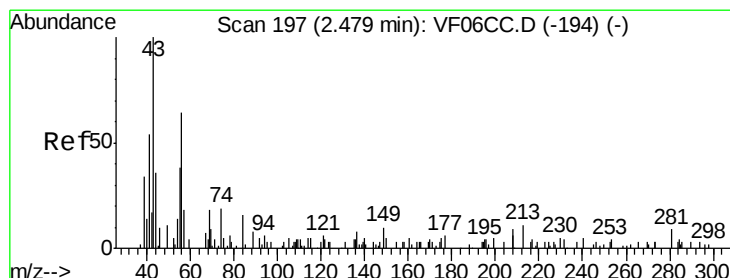
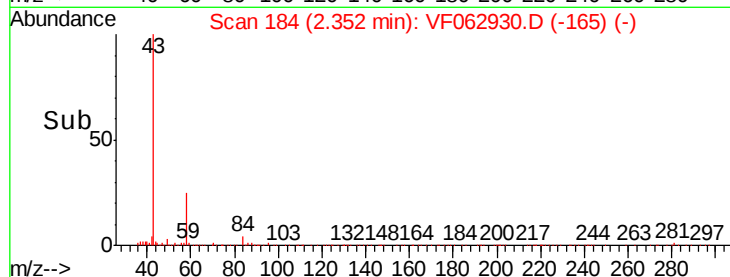
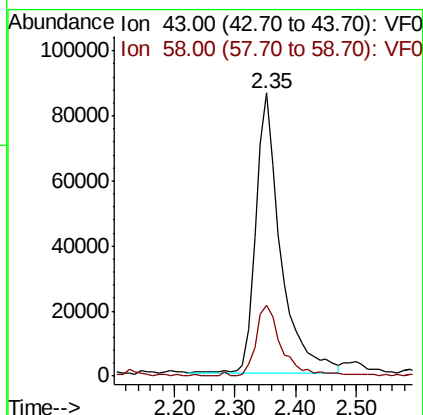
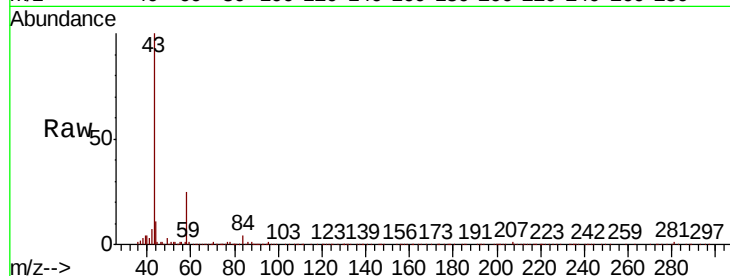




#16
Acetone
Concen: 262.512 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

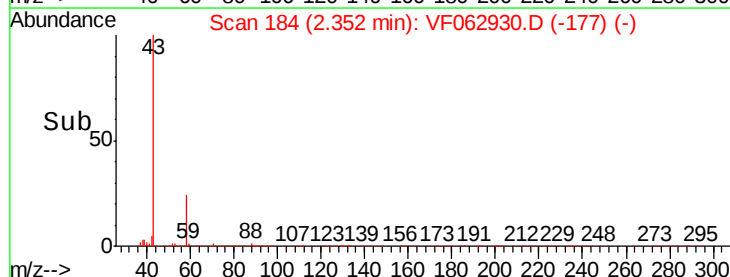
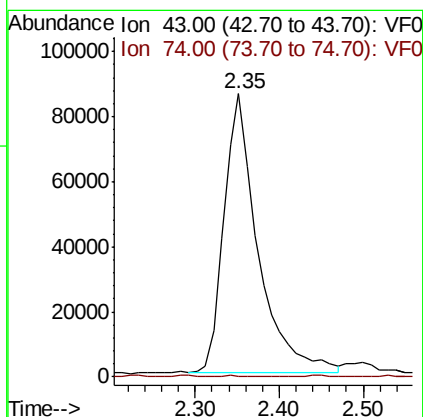
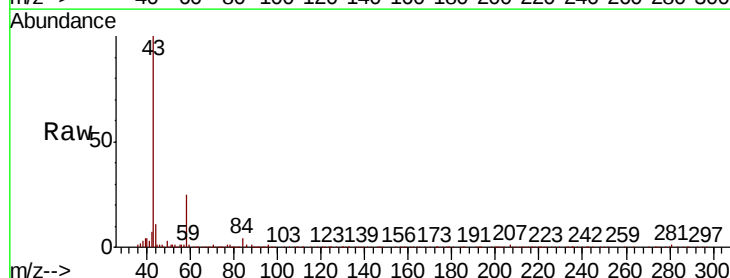
Instrument :
MSVOA_F
ClientSampleId :

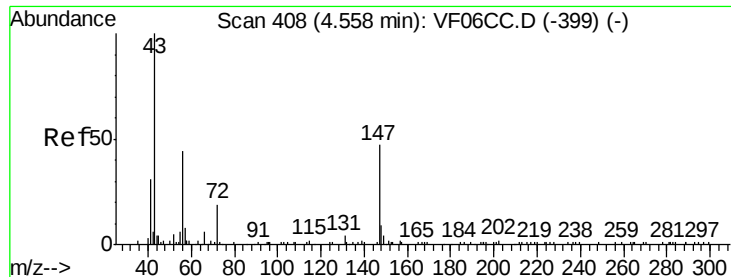
Tot Ion: 43 Resp: 248929
Ion Ratio Lower Upper
43 100
58 25.0 19.0 28.4



#18
Methyl Acetate
Concen: 145.883 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.13 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

Tgt Ion: 43 Resp: 241739
Ion Ratio Lower Upper
43 100
74 0.2 22.1 33.1#

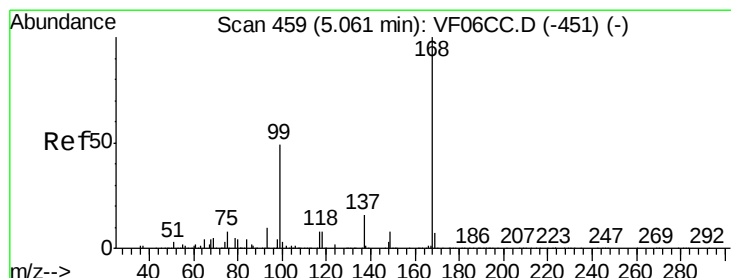
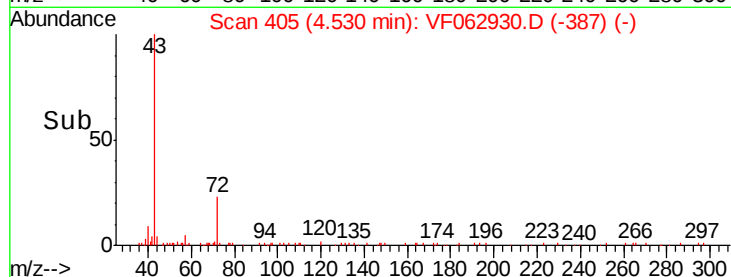
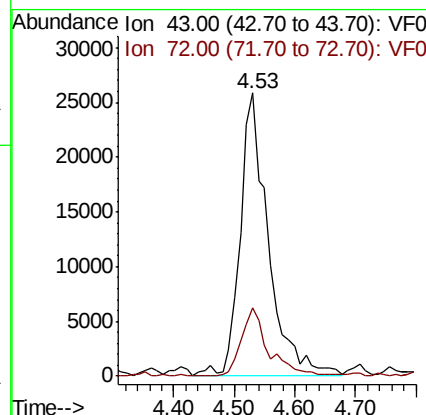
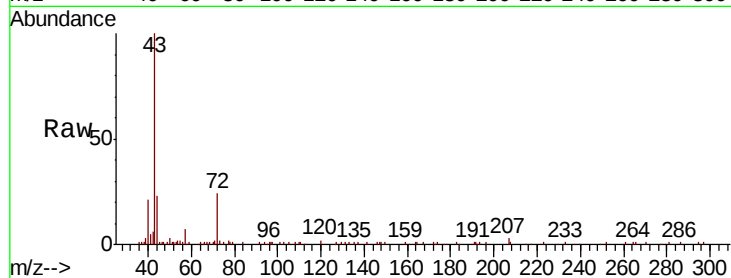




#25
2-Butanone
Concen: 38.022 ug/l
RT: 4.53 min Scan# 405
Delta R.T. -0.02 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

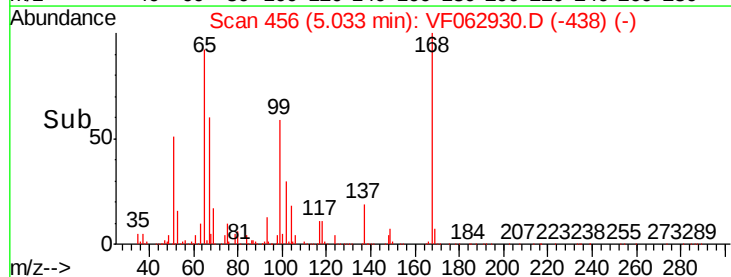
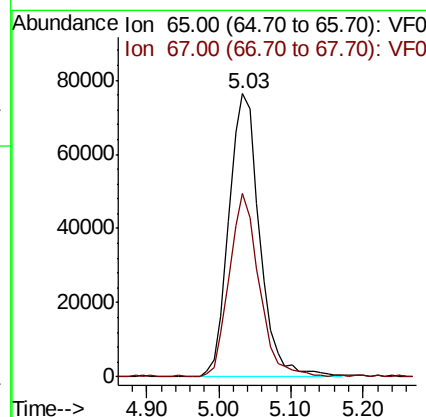
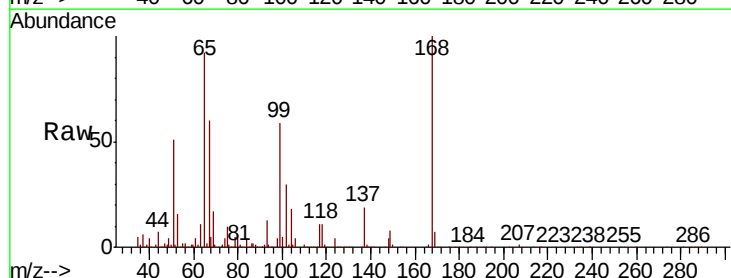
Instrument :
MSVOA_F
ClientSampleId :

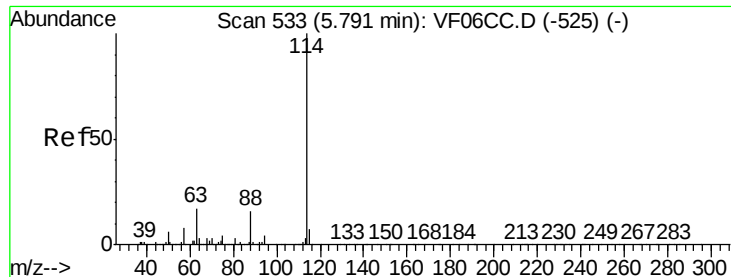
Tot Ion: 43 Resp: 83964
Ion Ratio Lower Upper
43 100
72 24.2 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 54.721 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.02 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

Tgt Ion: 65 Resp: 226714
Ion Ratio Lower Upper
65 100
67 65.0 0.0 121.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.02 min

Lab File: VF062930.D

Acq: 12 Jun 2019 16:26

Instrument :

MSVOA_F

ClientSampleId :

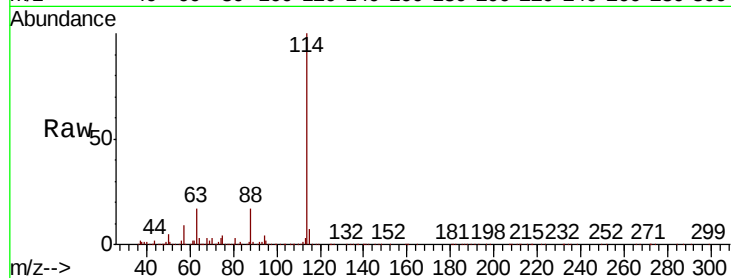
Tot Ion:114 Resp: 990963

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.2

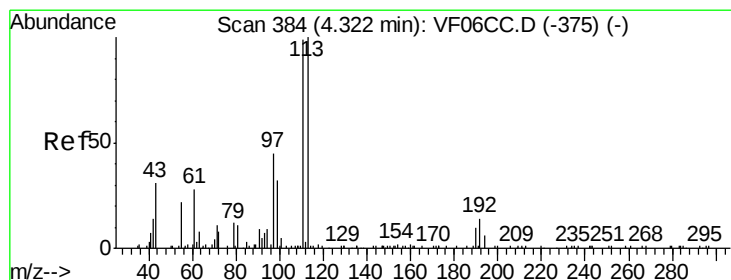
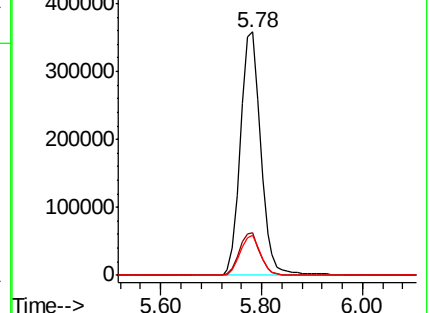
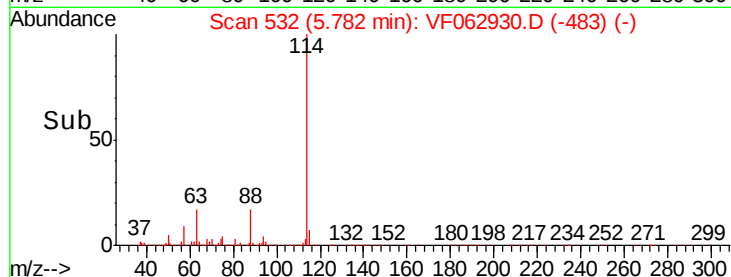
88 16.6 0.0 31.2



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: 3.720 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.03 min

Lab File: VF062930.D

Acq: 12 Jun 2019 16:26

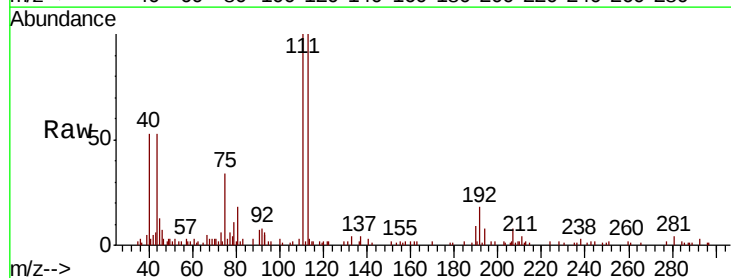
Tgt Ion:113 Resp: 27855

Ion Ratio Lower Upper

113 100

111 98.5 81.9 122.9

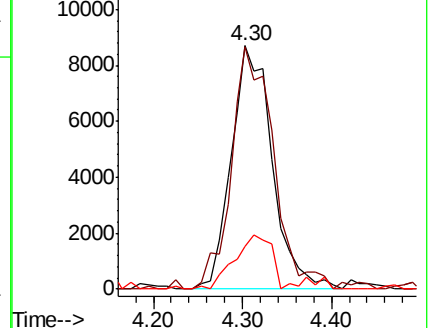
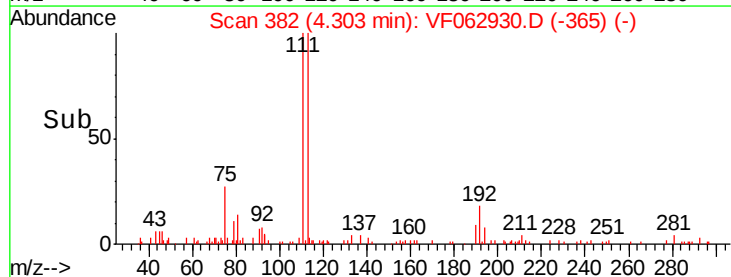
192 17.3 15.1 22.7

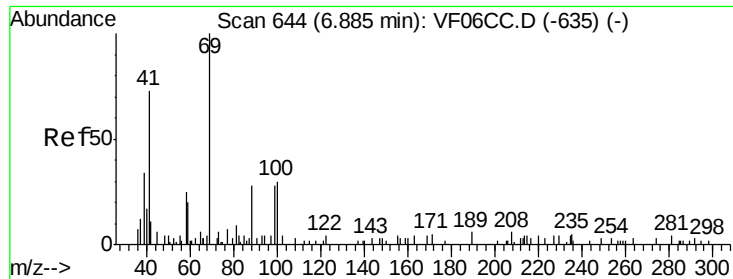


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

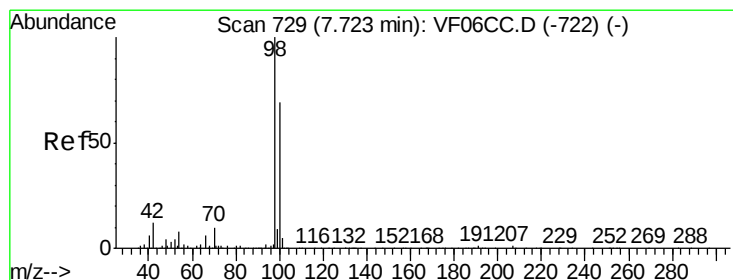
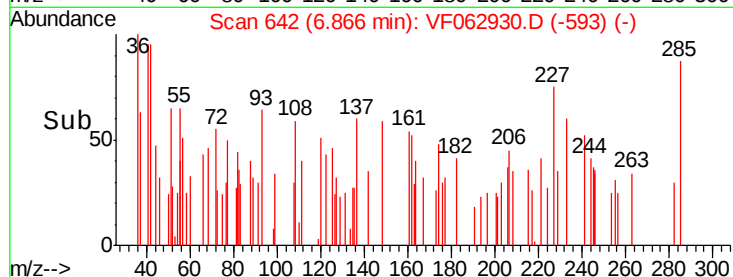
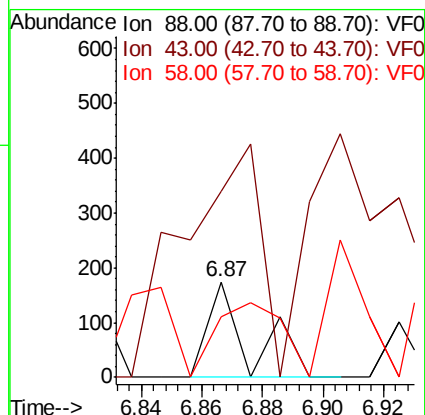
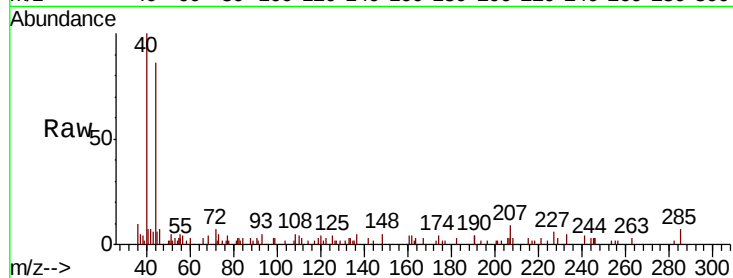




#49
1,4-Dioxane
Concen: 5.368 ug/l
RT: 6.87 min Scan# 642
Delta R.T. -0.02 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

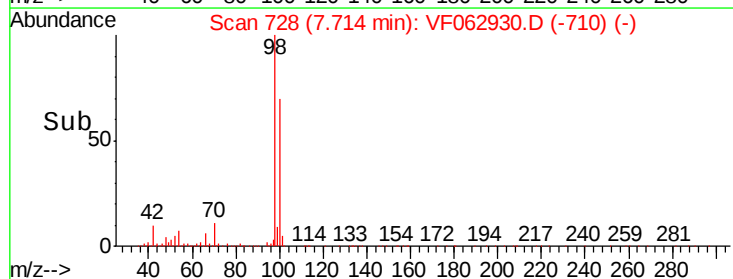
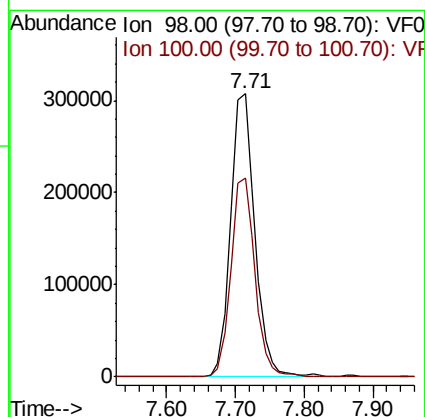
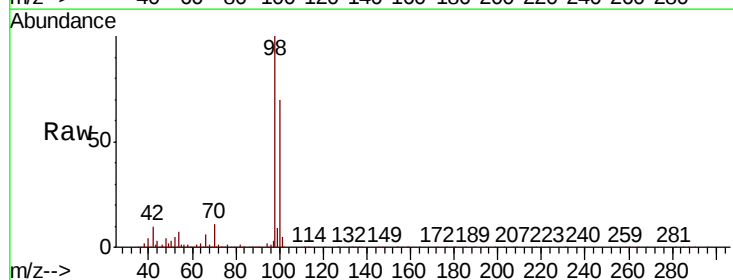
Instrument :
MSVOA_F
ClientSampled :

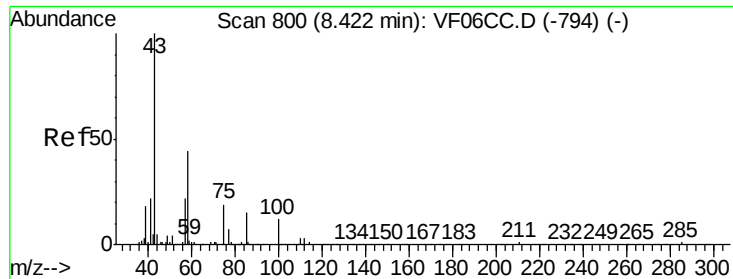
Tot Ion: 88 Resp: 168
Ion Ratio Lower Upper
88 100
43 194.8 34.8 52.2#
58 63.8 59.9 89.9



#50
Toluene-d8
Concen: 39.571 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

Tgt Ion: 98 Resp: 749309
Ion Ratio Lower Upper
98 100
100 70.1 59.8 89.8





#51

4-Methyl-2-Pentanone

Concen: 3.046 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.02 min

Lab File: VF062930.D

Acq: 12 Jun 2019 16:26

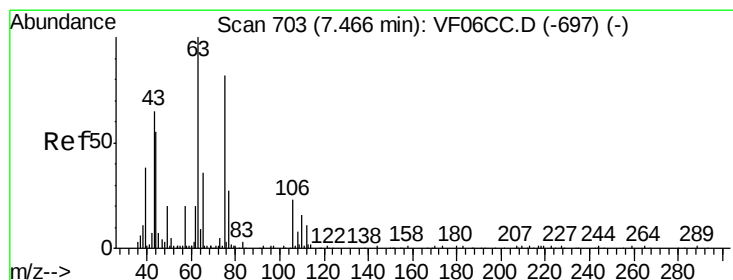
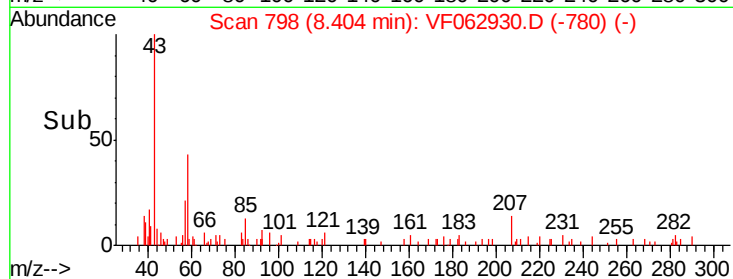
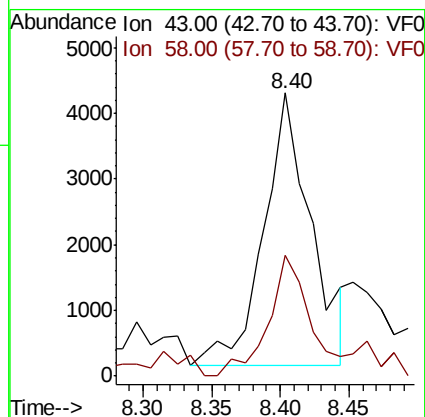
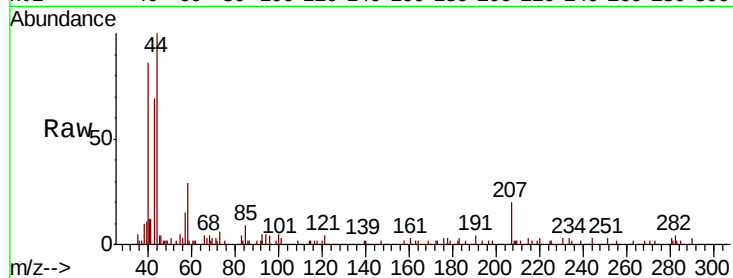
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 10017

Ion Ratio Lower Upper

43 100

58 42.9 35.5 53.3



#58

2-Chloroethyl Vinyl ether

Concen: 1.267 ug/l

RT: 7.45 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF062930.D

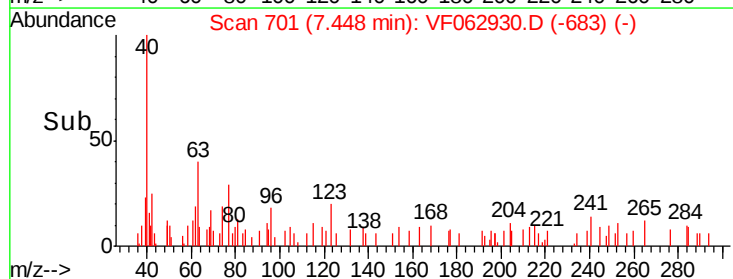
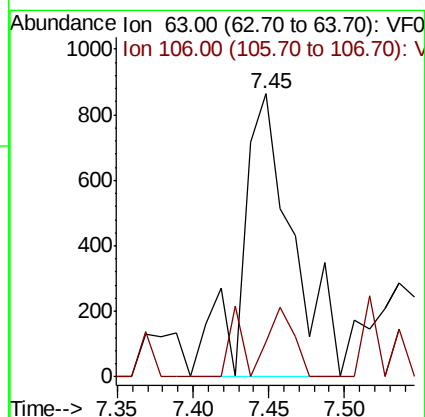
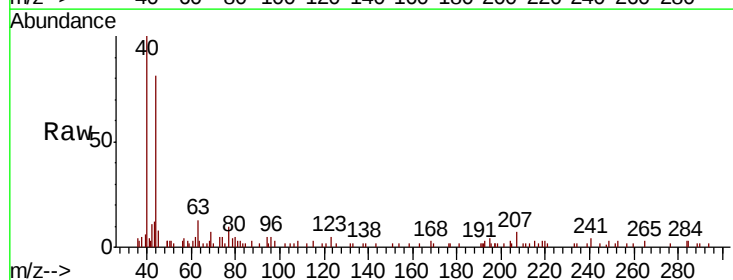
Acq: 12 Jun 2019 16:26

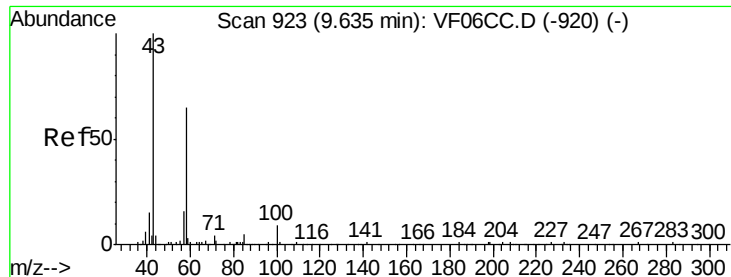
Tgt Ion: 63 Resp: 2030

Ion Ratio Lower Upper

63 100

106 12.3 19.5 29.3#

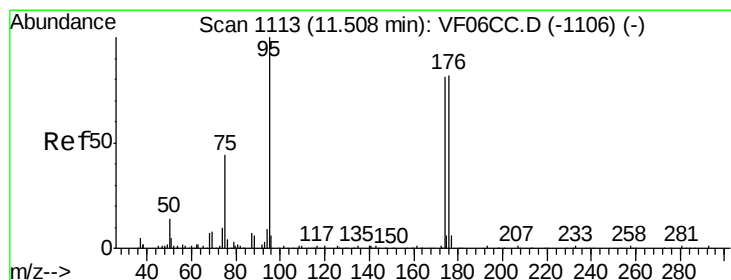
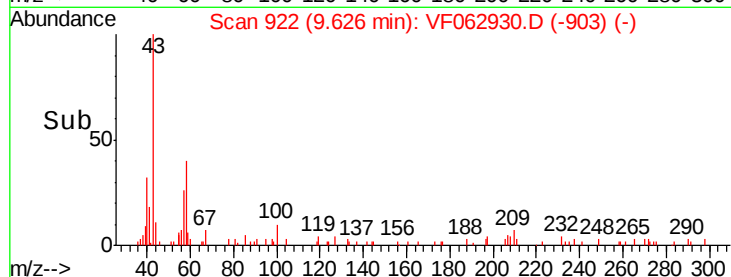
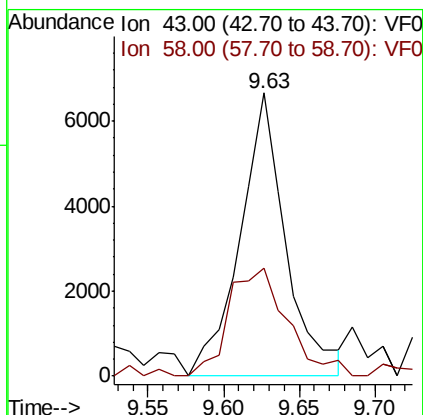
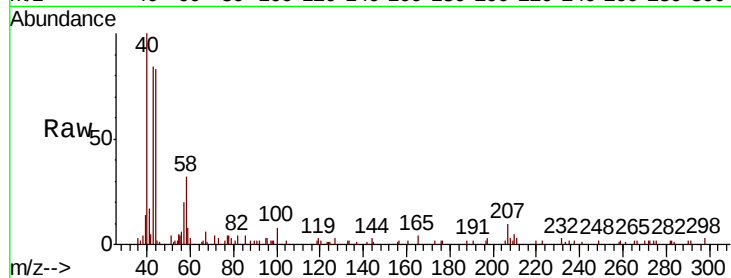




#59
2-Hexanone
Concen: 6.000 ug/l
RT: 9.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

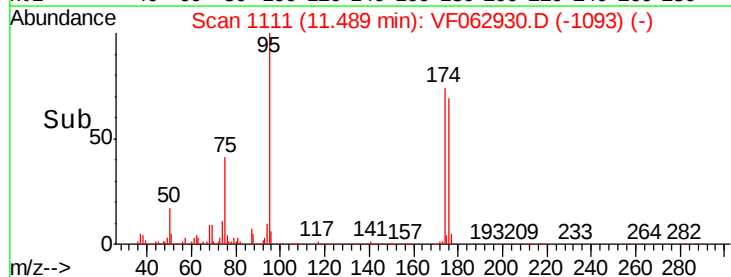
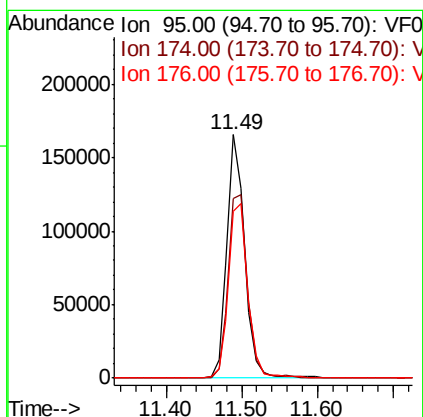
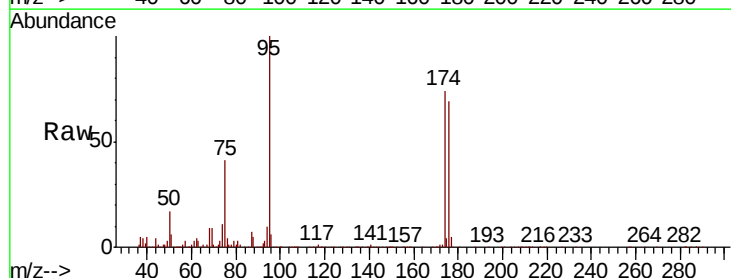
Instrument :
MSVOA_F
ClientSampleId :

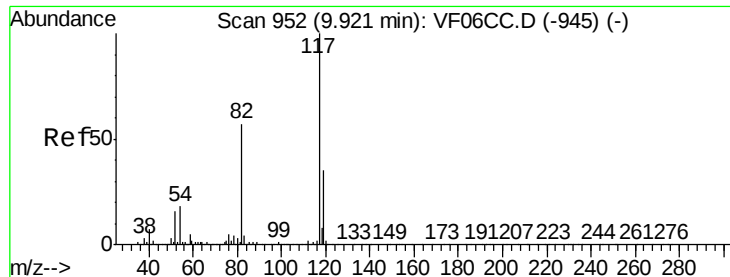
Tot Ion: 43 Resp: 14066
Ion Ratio Lower Upper
43 100
58 38.1 29.3 87.9



#62
4-Bromofluorobenzene
Concen: 39.534 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

Tgt Ion: 95 Resp: 269284
Ion Ratio Lower Upper
95 100
174 73.6 0.0 170.6
176 68.6 0.0 170.6

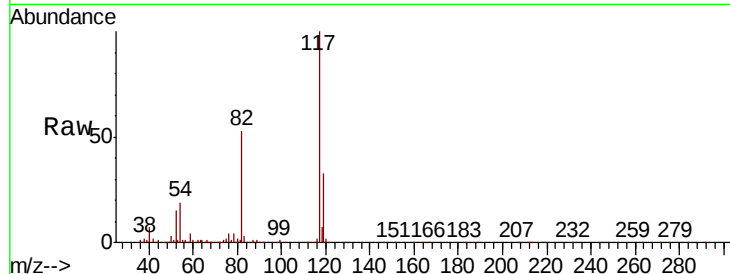




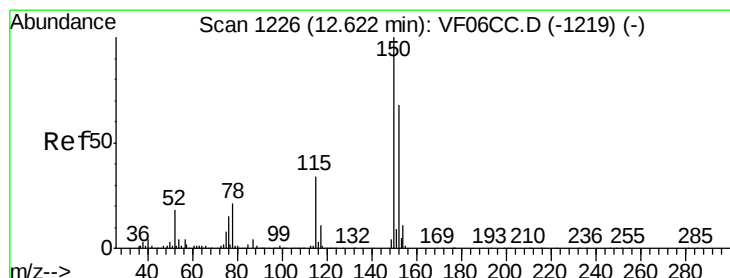
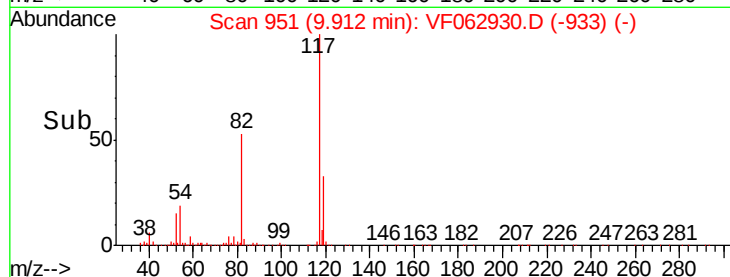
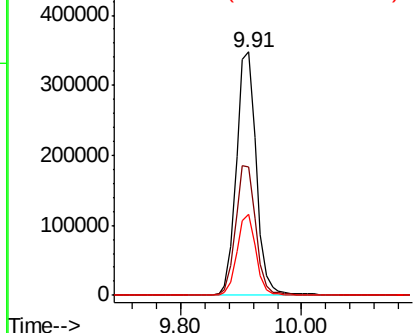
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.4	63.6
119	33.2	27.1	40.7

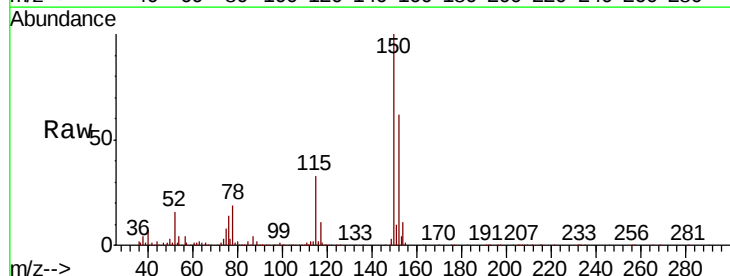


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062930.D
Acq: 12 Jun 2019 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	24.6	74.0
150	160.0	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

