

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042319\
 Data File : VF062266.D
 Acq On : 23 Apr 2019 16:22
 Operator : FY/SY
 Sample : K2484-01RE
 Misc : 6.59g/5mL/MSVOA_F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 72-12000RE

Quant Time: Apr 23 16:44:31 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

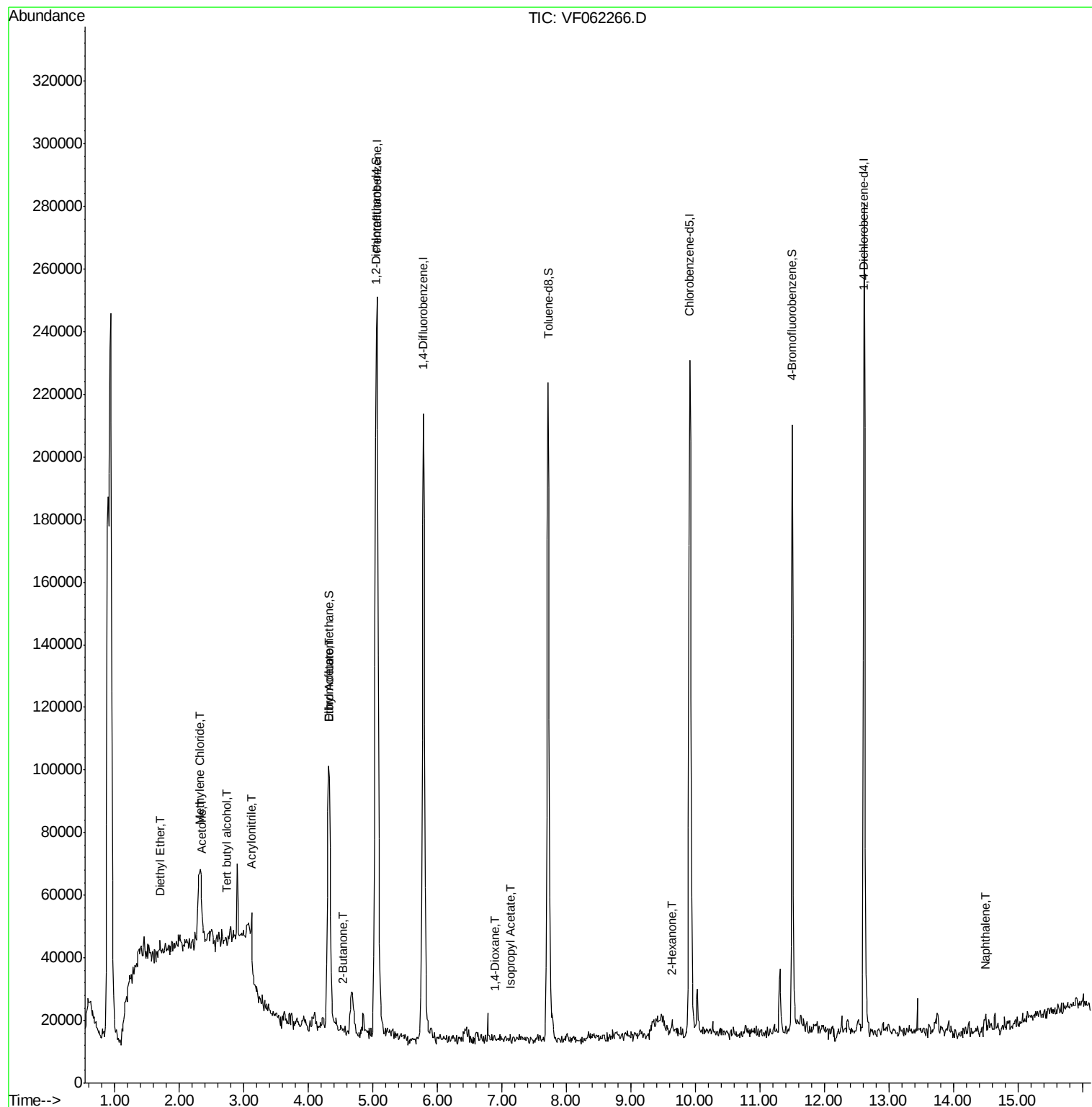
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	221767	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	236875	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	171342	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	71424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	62084	30.53	ug/l	0.03
Spiked Amount 50.000			Recovery	=	61.06%	
35) Dibromofluoromethane	4.31	113	81910	39.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.06%	
50) Toluene-d8	7.71	98	185821	35.43	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.86%	
62) 4-Bromofluorobenzene	11.50	95	66417	32.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	65.84%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	1.70	74	1727	2.183	ug/l	54
11) Tert butyl alcohol	2.72	59	461	3.261	ug/l #	1
13) Acrolein	2.07	56	878	Below Cal	#	14
15) Acrylonitrile	3.11	53	1320	3.066	ug/l #	49
16) Acetone	2.35	43	1239	2.549	ug/l #	52
18) Methyl Acetate	2.46	43	4185	Below Cal	#	59
20) Methylene Chloride	2.32	84	21033	2.914	ug/l	96
25) 2-Butanone	4.54	43	1038	1.068	ug/l #	56
37) Ethyl Acetate	4.31	43	1767	1.319	ug/l #	74
43) Isopropyl Acetate	7.14	43	2948	2.092	ug/l #	61
49) 1,4-Dioxane	6.89	88	109	10.261	ug/l #	1
59) 2-Hexanone	9.64	43	3352	5.262	ug/l	90
89) n-Butylbenzene	12.90	91	1663	Below Cal		97
95) Naphthalene	14.50	128	3896	1.131	ug/l	96

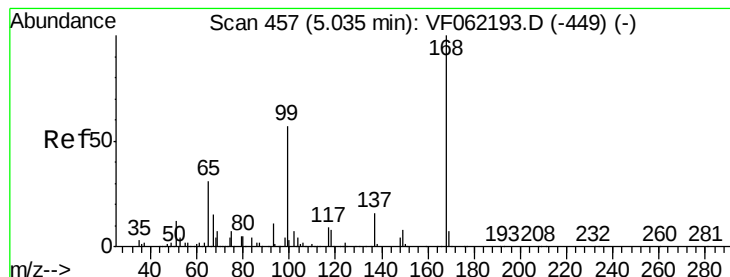
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF042319\
Data File : VF062266.D
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Operator : FY/SY
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Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062266.D

Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_F

ClientSampleId :

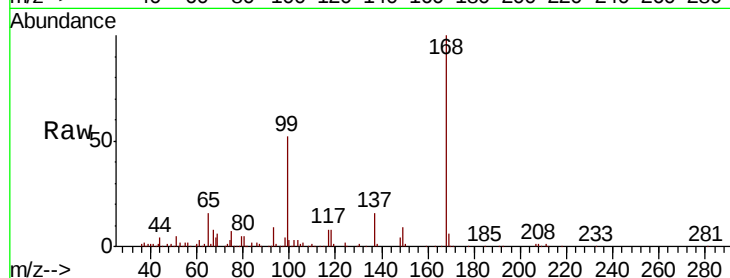
72-12000RE

Tgt Ion:168 Resp: 221767

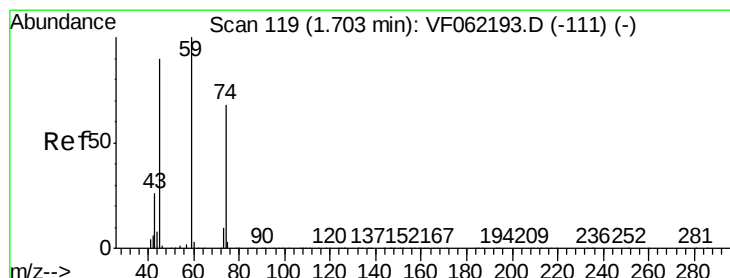
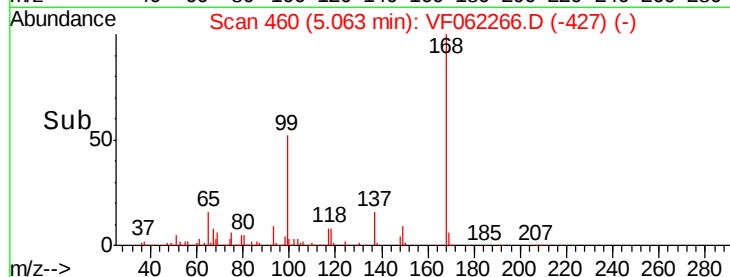
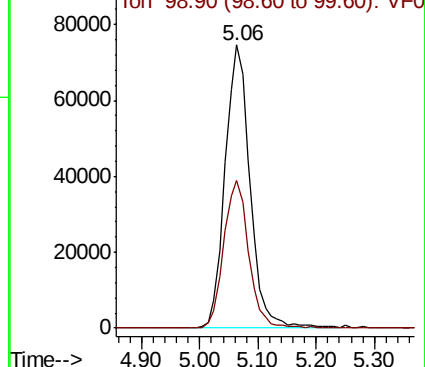
Ion Ratio Lower Upper

168 100

99 52.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0



#8

Diethyl Ether

Concen: 2.183 ug/l

RT: 1.70 min Scan# 119

Delta R.T. -0.00 min

Lab File: VF062266.D

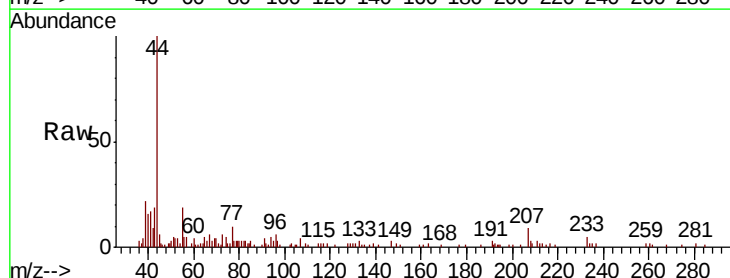
Acq: 23 Apr 2019 16:22

Tgt Ion: 74 Resp: 1727

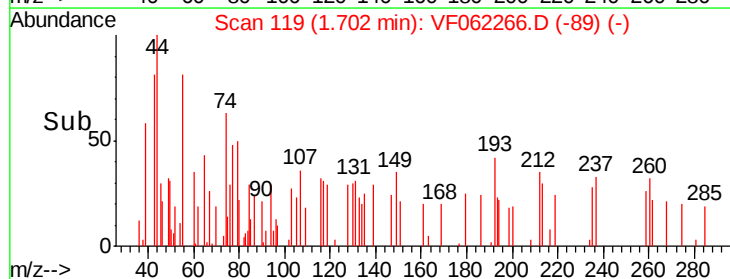
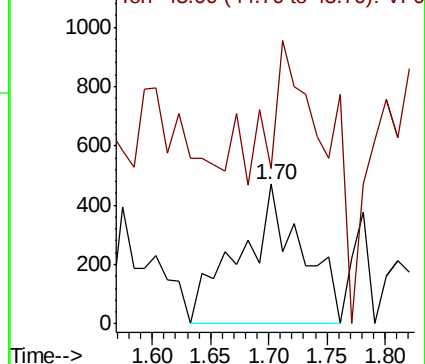
Ion Ratio Lower Upper

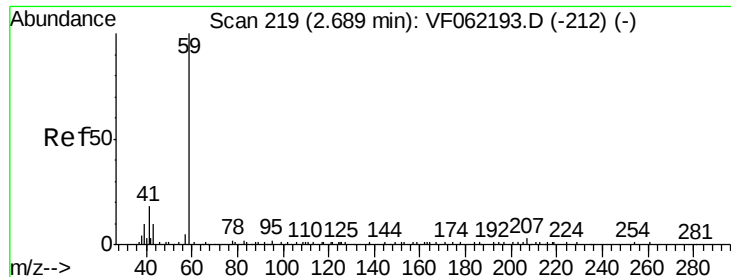
74 100

45 196.4 70.0 210.2



Abundance Ion 74.00 (73.70 to 74.70): VF0

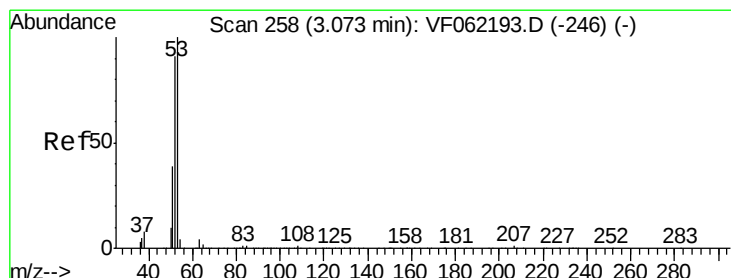
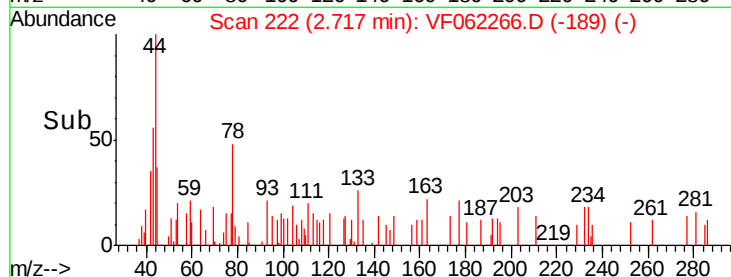
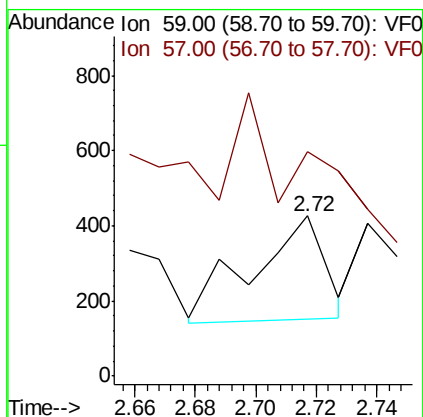
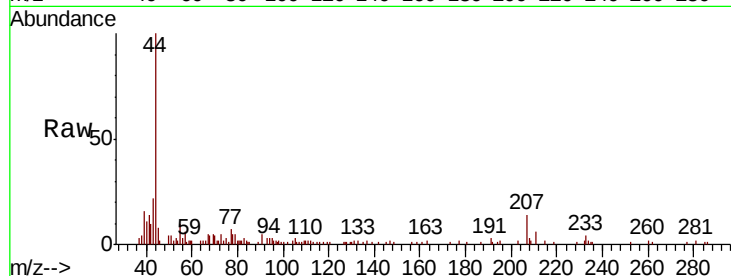




#11
Tert butyl alcohol
Concen: 3.261 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.03 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

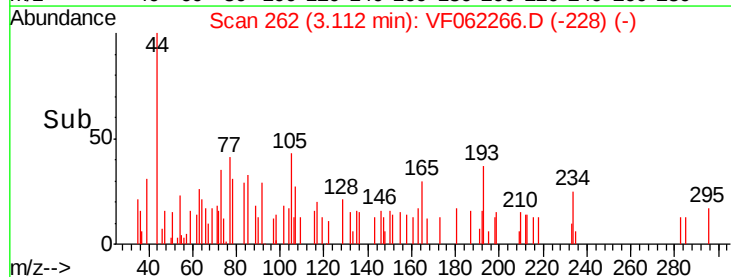
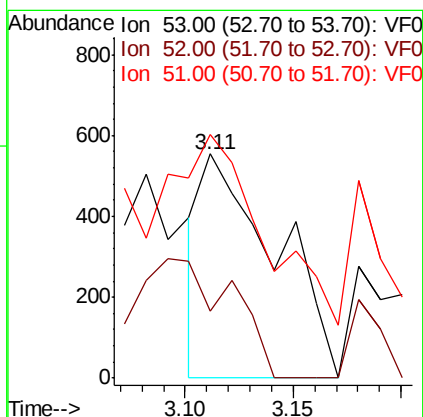
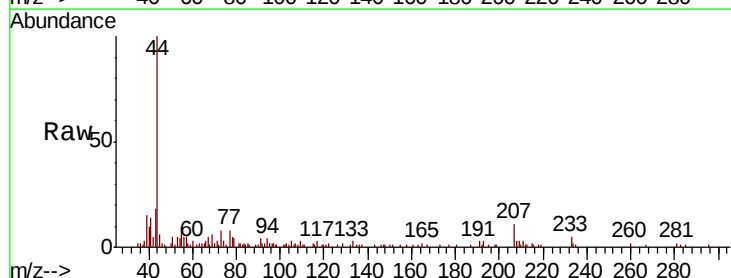
Instrument :
MSVOA_F
ClientSampled :
72-12000RE

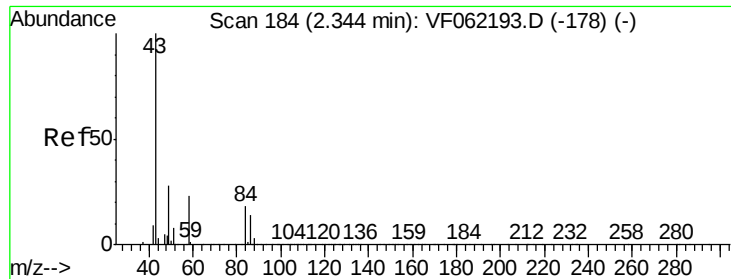
Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 132.3 9.3 13.9#



#15
Acrylonitrile
Concen: 3.066 ug/l
RT: 3.11 min Scan# 262
Delta R.T. 0.04 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

Tgt Ion: 53 Resp: 1320
Ion Ratio Lower Upper
53 100
52 62.3 69.5 104.3#
51 103.4 31.8 47.8#

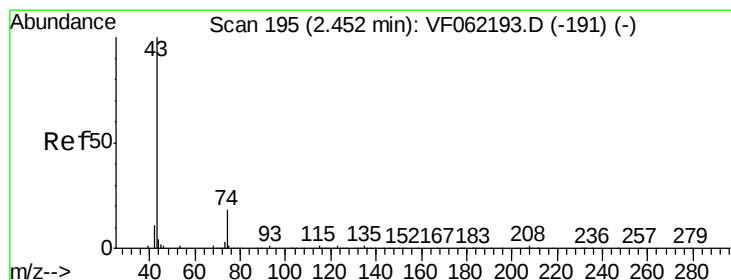
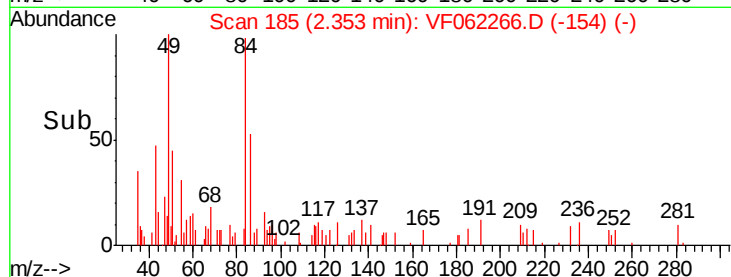
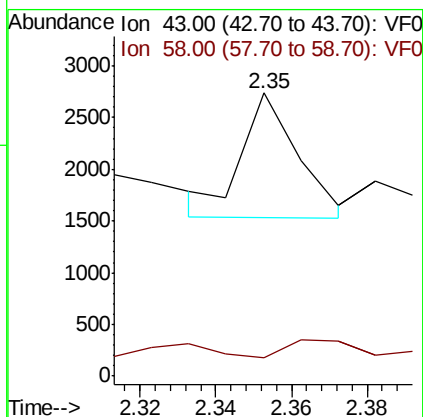
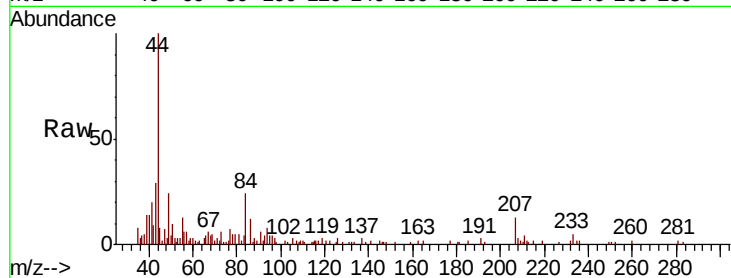




#16
Acetone
Concen: 2.549 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

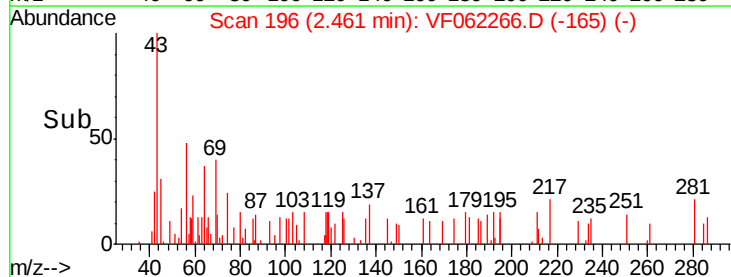
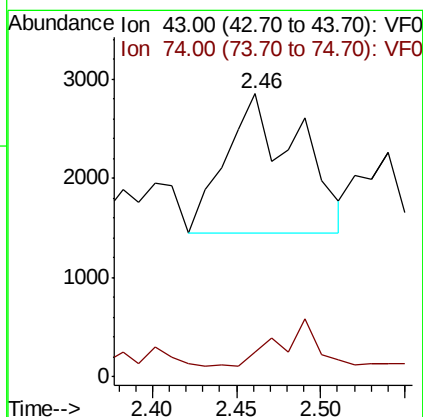
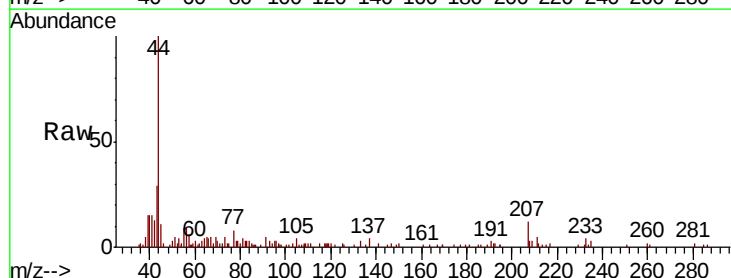
Instrument :
MSVOA_F
ClientSampleId :
72-12000RE

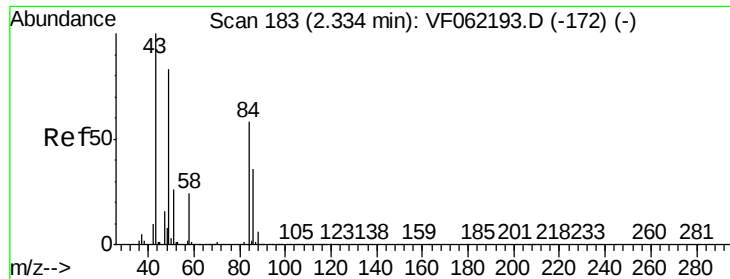
Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
58 0.0 18.8 28.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

Tgt Ion: 43 Resp: 4185
Ion Ratio Lower Upper
43 100
74 0.0 14.5 21.7#

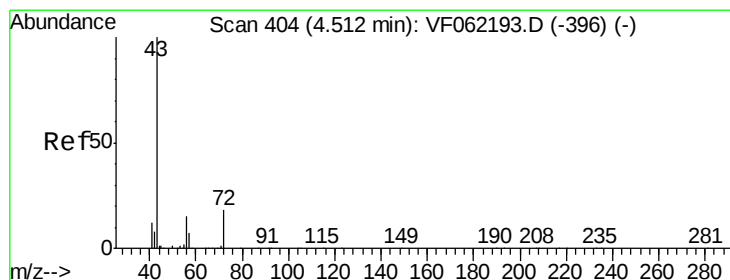
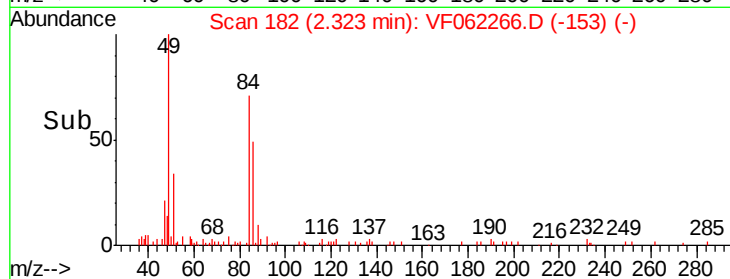
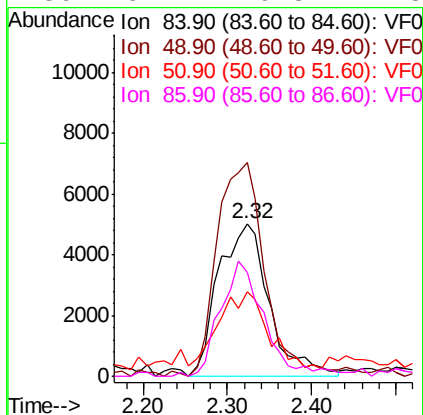
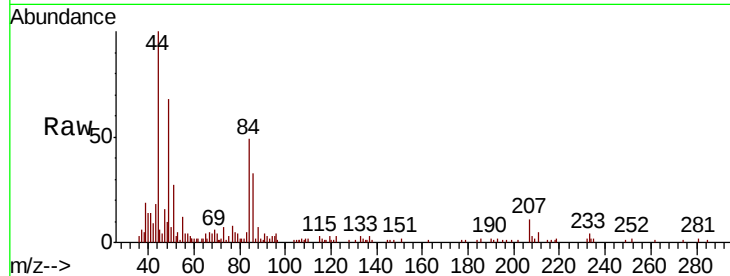




#20
Methylene Chloride
Concen: 2.914 ug/l
RT: 2.32 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

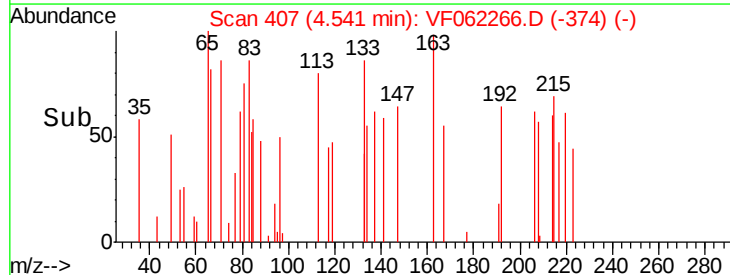
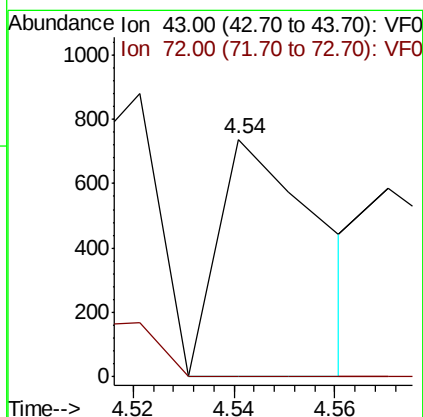
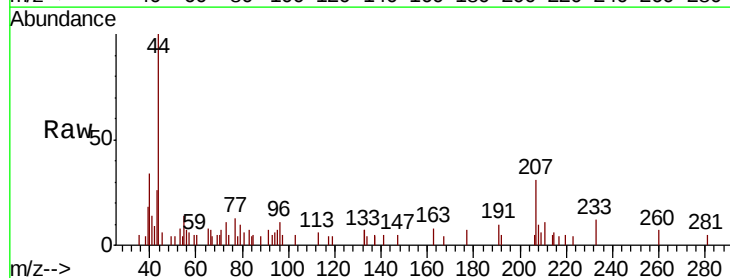
Instrument :
MSVOA_F
ClientSampleId :
72-12000RE

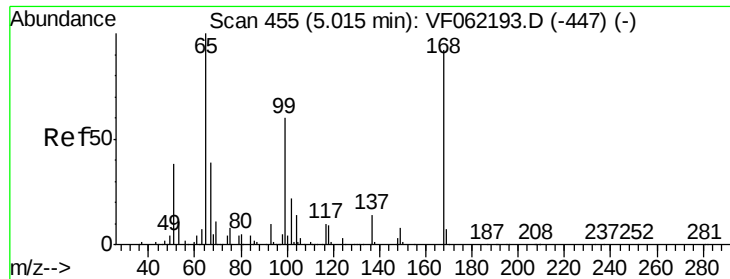
Tgt Ion:	84	Resp:	21033
Ion	Ratio	Lower	Upper
84	100		
49	139.6	114.0	171.0
51	48.3	37.0	55.4
86	67.7	49.8	74.8



#25
2-Butanone
Concen: 1.068 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.03 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

Tgt Ion:	43	Resp:	1038
Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#

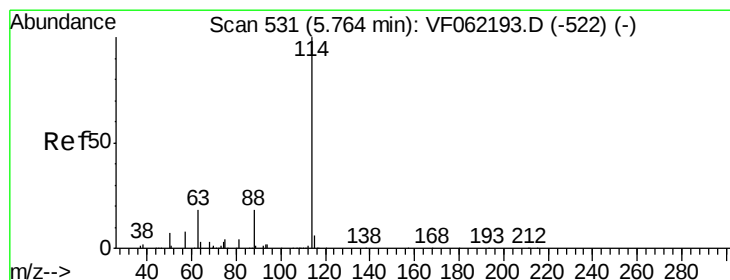
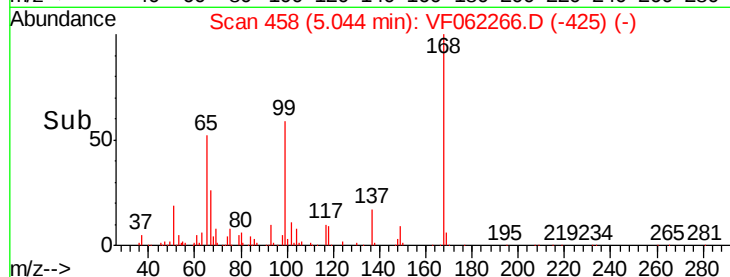
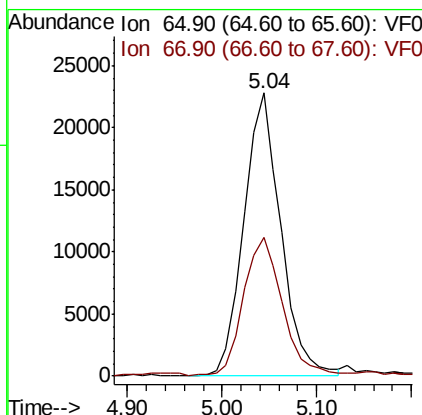
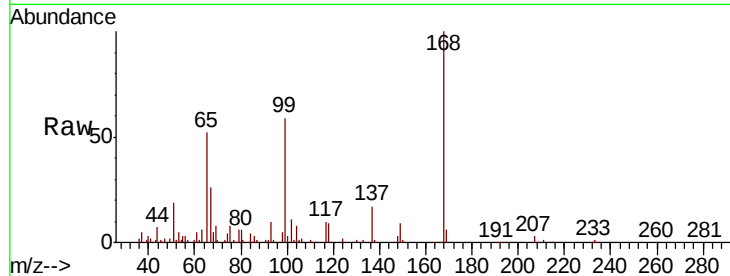




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 5.04 min Scan# 458
 Delta R.T. 0.03 min
 Lab File: VF062266.D
 Acq: 23 Apr 2019 16:22

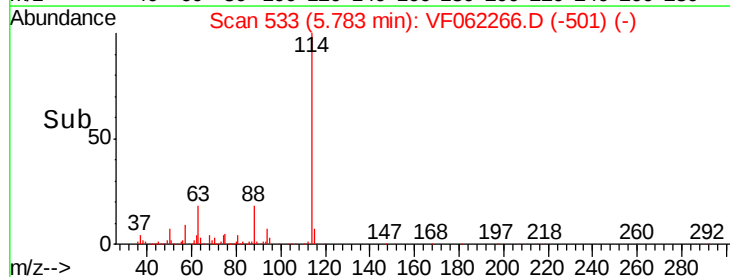
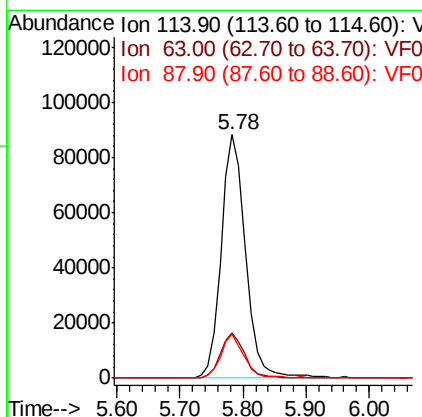
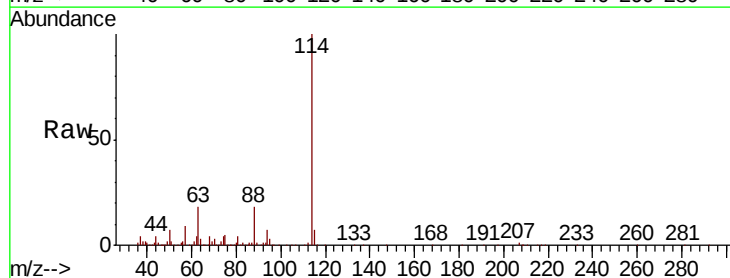
Instrument :
 MSVOA_F
 ClientSampleId :
 72-12000RE

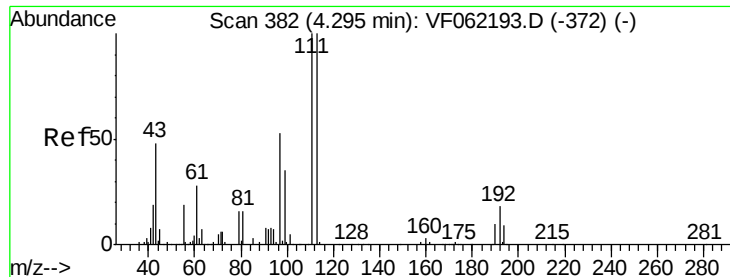
Tgt Ion: 65 Resp: 62084
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VF062266.D
 Acq: 23 Apr 2019 16:22

Tgt Ion: 114 Resp: 236875
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.6
 88 17.9 0.0 35.8

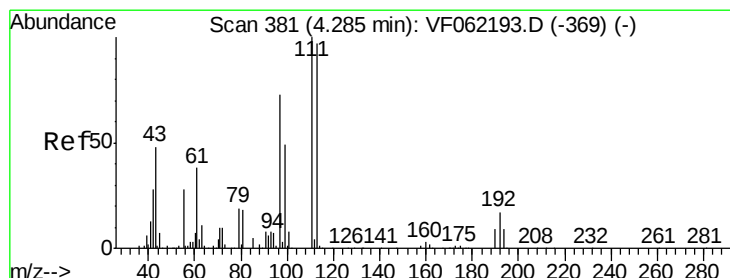
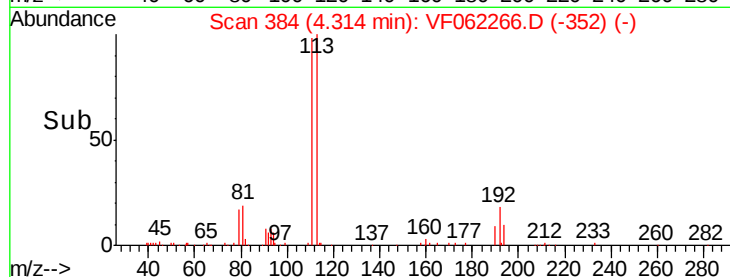
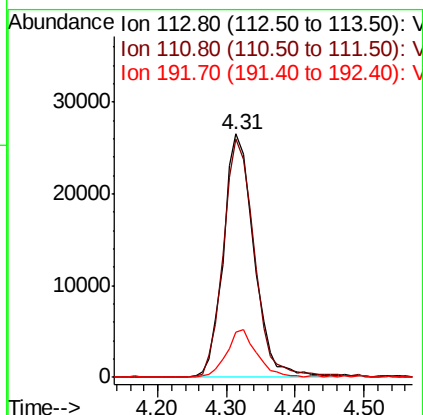
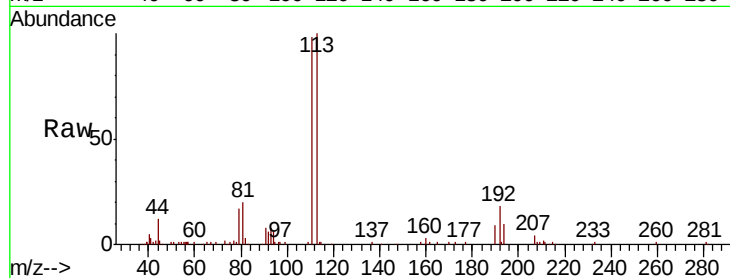




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062266.D
 Acq: 23 Apr 2019 16:22

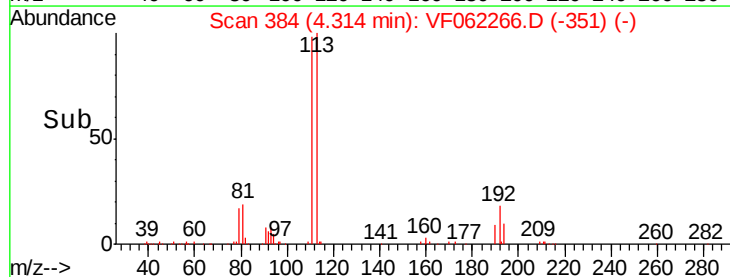
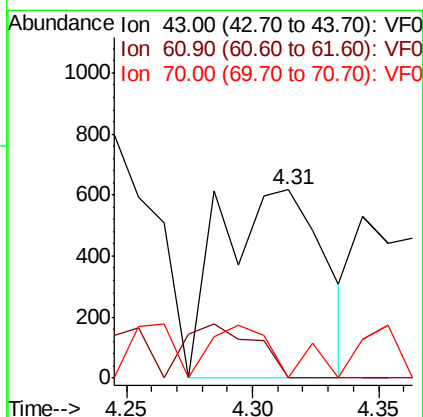
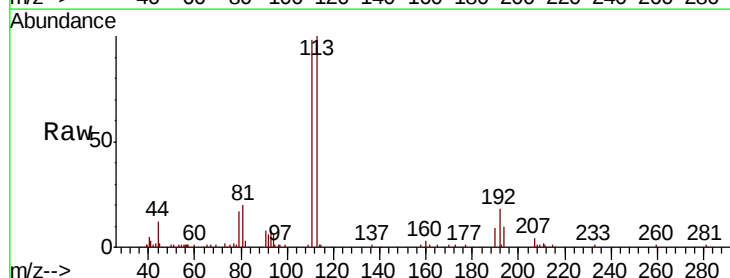
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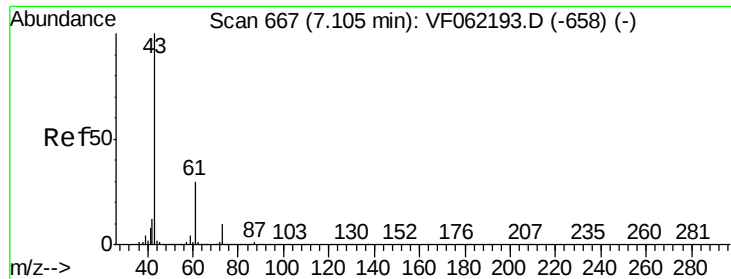
Tgt Ion:113 Resp: 81910
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.1 121.7
 192 19.0 14.7 22.1



#37
 Ethyl Acetate
 Concen: 1.319 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.03 min
 Lab File: VF062266.D
 Acq: 23 Apr 2019 16:22

Tgt Ion: 43 Resp: 1767
 Ion Ratio Lower Upper
 43 100
 61 0.0 0.0 0.0
 70 0.0 7.8 11.6#

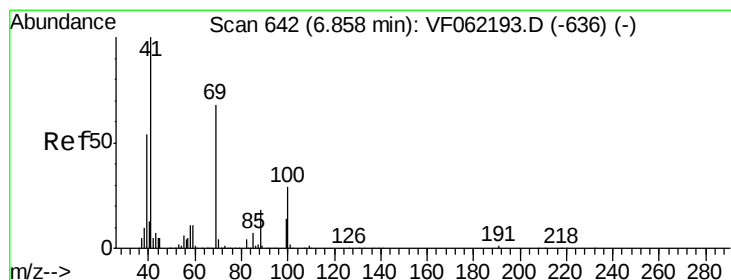
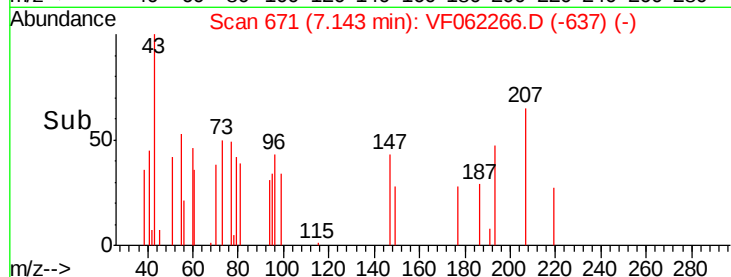
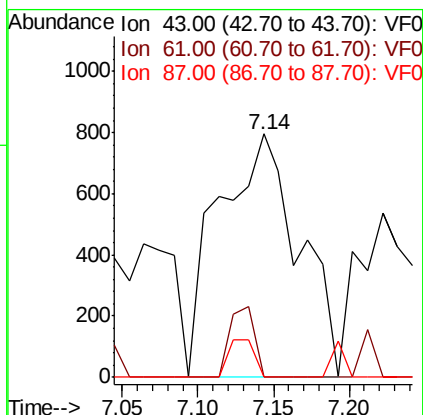
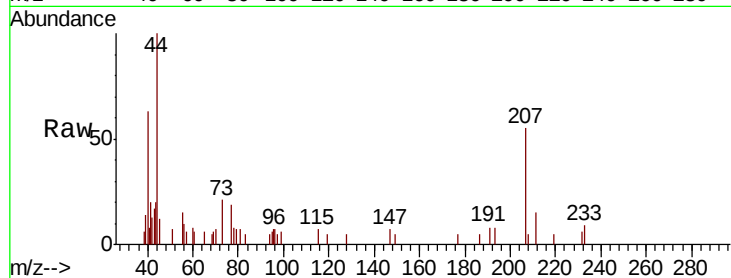




#43
Isopropyl Acetate
Concen: 2.092 ug/l
RT: 7.14 min Scan# 671
Delta R.T. 0.04 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

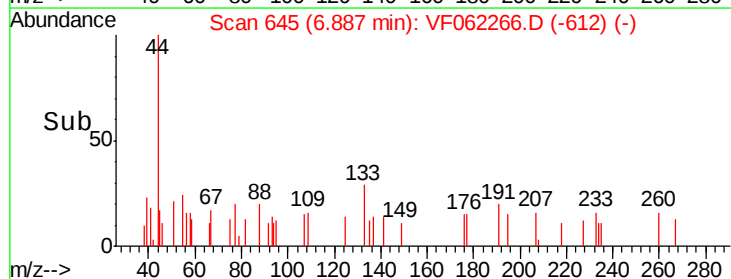
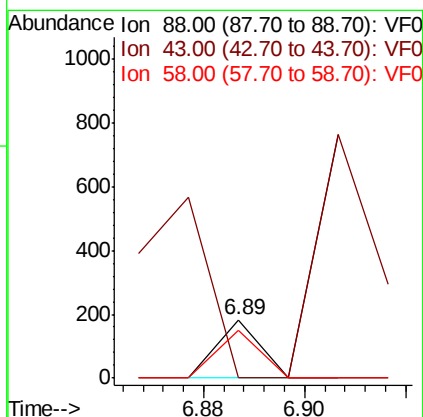
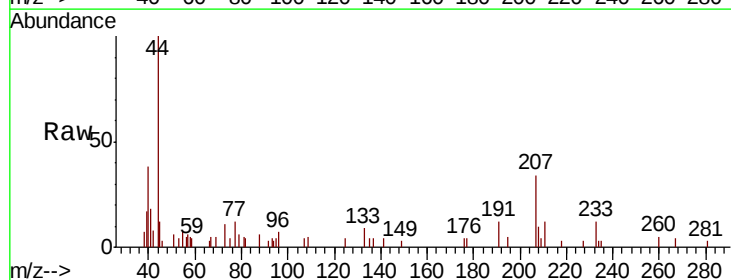
Instrument :
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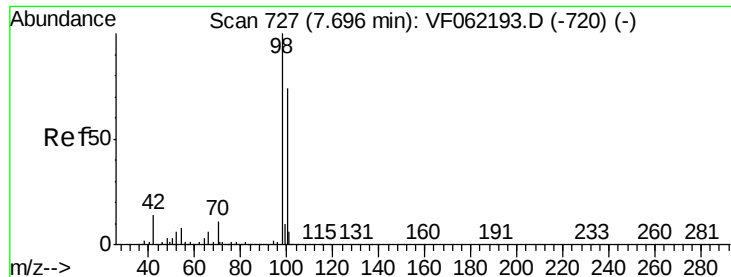
Tgt Ion: 43 Resp: 2948
Ion Ratio Lower Upper
43 100
61 8.8 24.4 36.6#
87 5.0 0.4 0.6#



#49
1,4-Dioxane
Concen: 10.261 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.03 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
43 574.3 36.9 55.3#
58 80.7 56.8 85.2

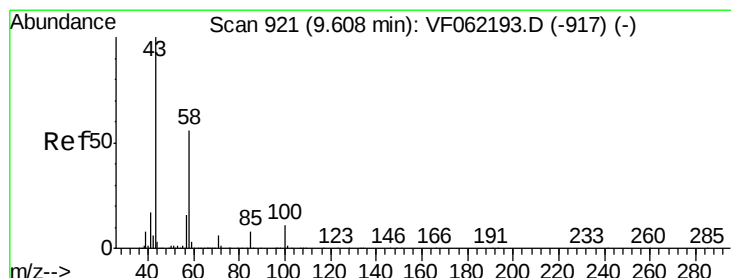
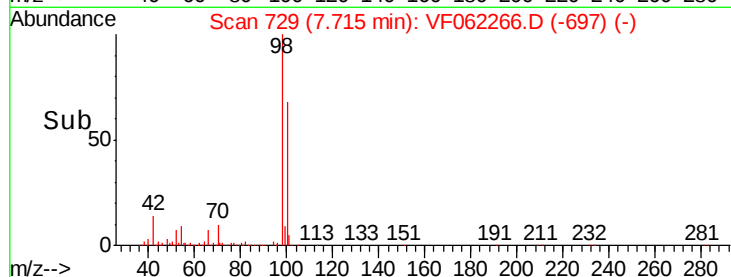
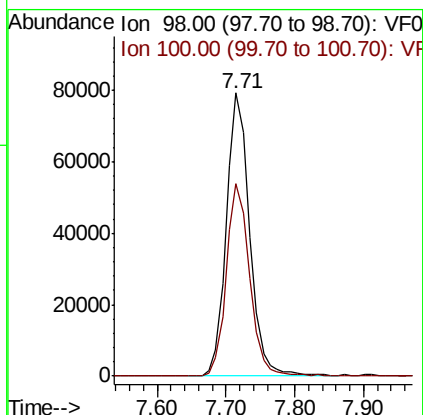
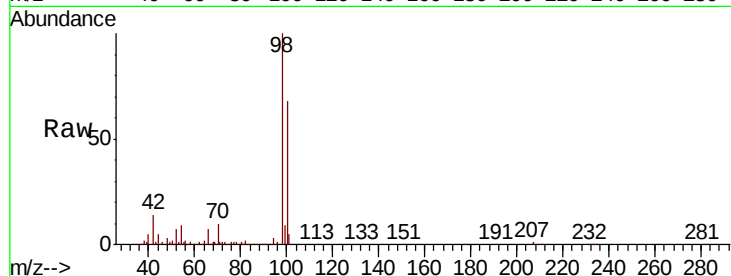




#50
Toluene-d8
Concen: 10.261 ug/l
RT: 7.71 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

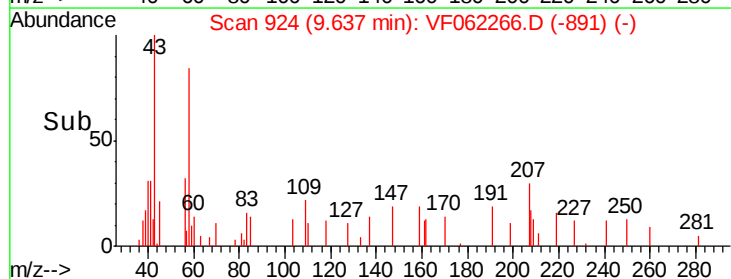
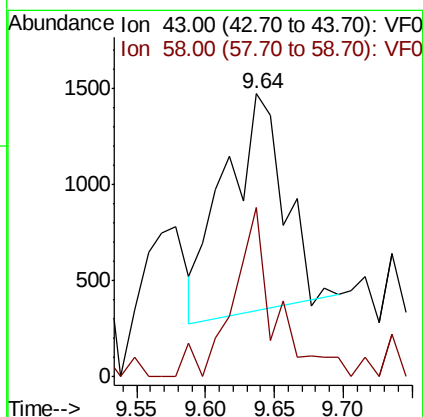
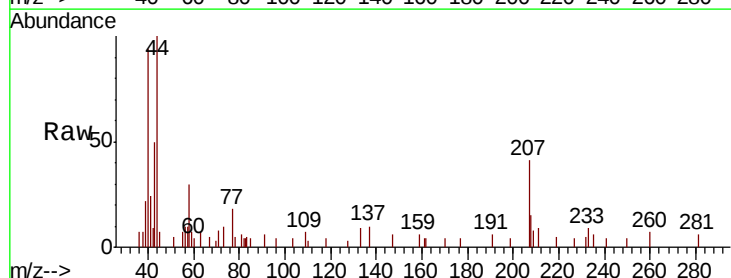
Instrument :
MSVOA_F
ClientSampleId :
72-12000RE

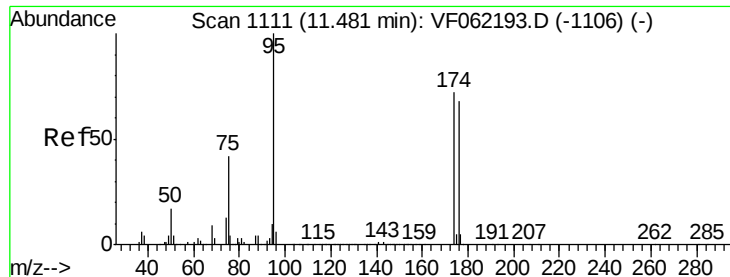
Tgt Ion: 98 Resp: 185821
Ion Ratio Lower Upper
98 100
100 67.4 56.2 84.2



#59
2-Hexanone
Concen: 5.262 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

Tgt Ion: 43 Resp: 3352
Ion Ratio Lower Upper
43 100
58 56.0 24.6 74.0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062266.D

Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_F

ClientSampleId :

72-12000RE

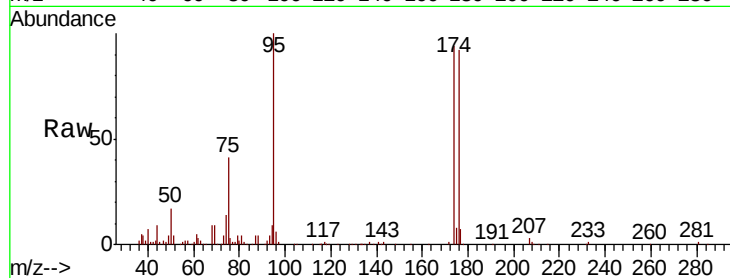
Tgt Ion: 95 Resp: 66417

Ion Ratio Lower Upper

95 100

174 96.0 0.0 159.4

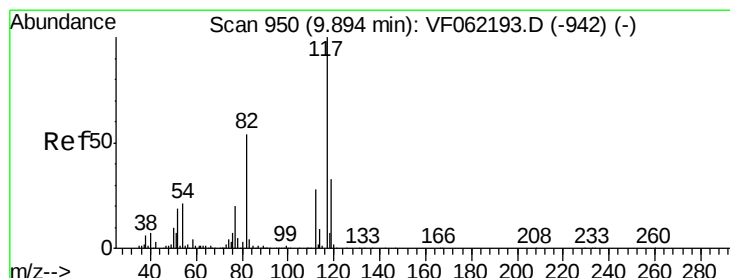
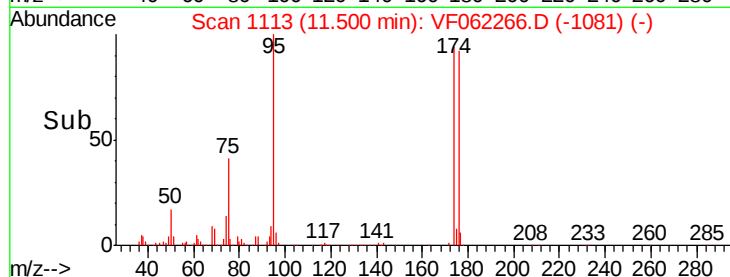
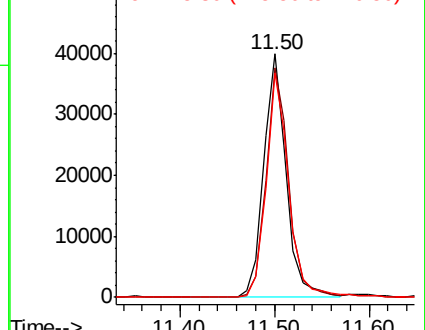
176 92.7 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062266.D

Acq: 23 Apr 2019 16:22

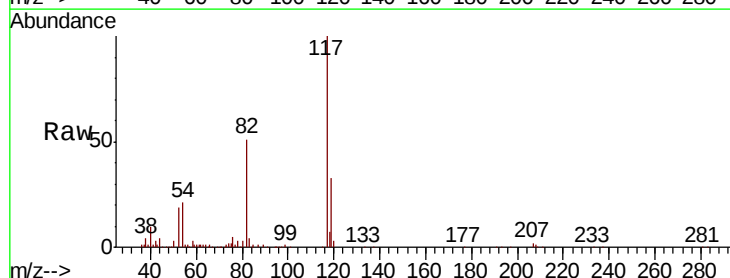
Tgt Ion: 117 Resp: 171342

Ion Ratio Lower Upper

117 100

82 50.8 43.2 64.8

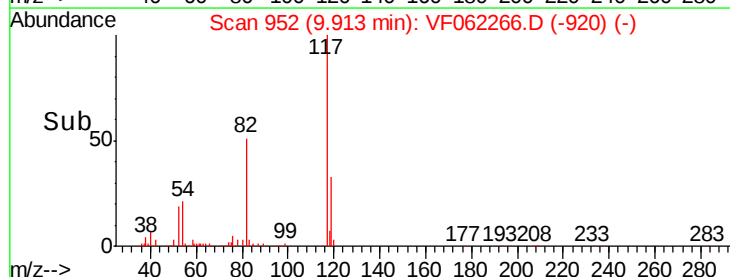
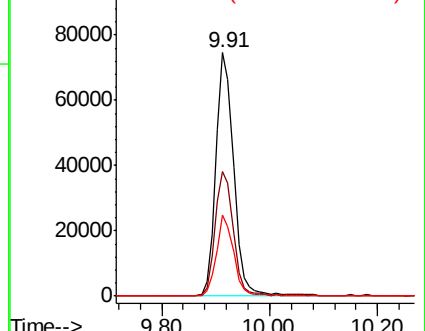
119 33.3 26.2 39.4

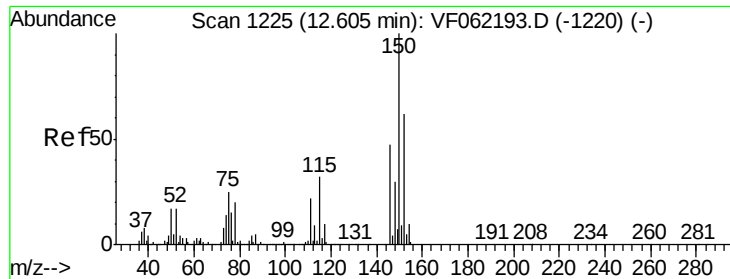


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



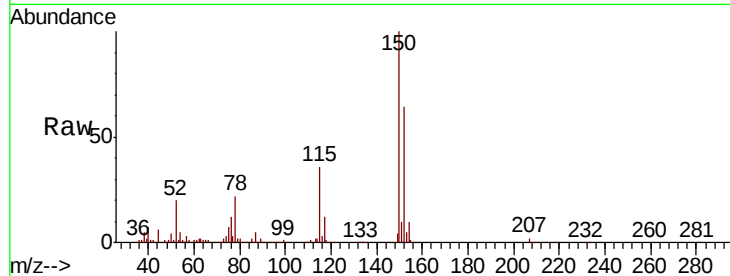


#72

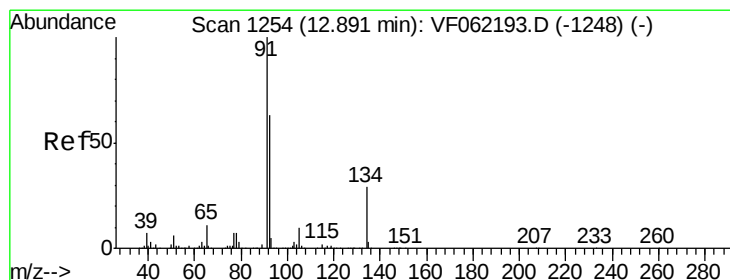
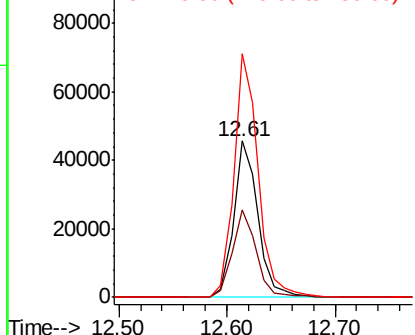
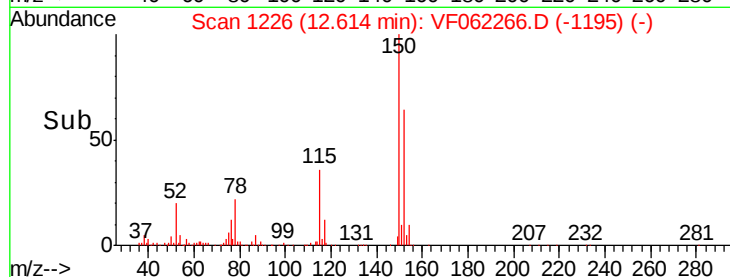
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

Instrument :
MSVOA_F
ClientSampleId :
72-12000RE

Tgt Ion:152 Resp: 71424
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.3
150 155.3 0.0 341.8



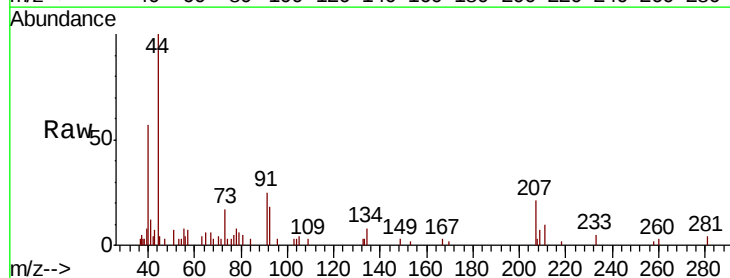
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



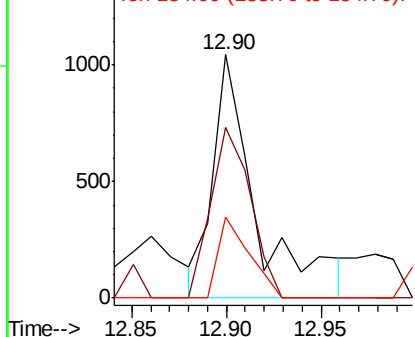
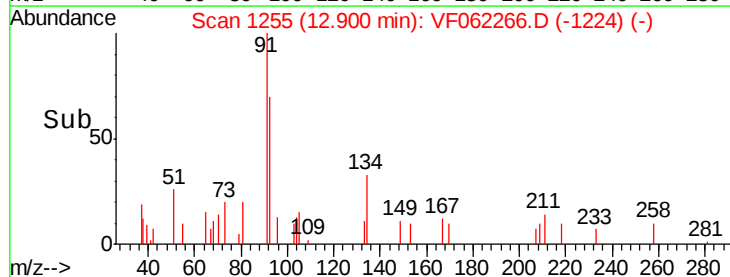
#89

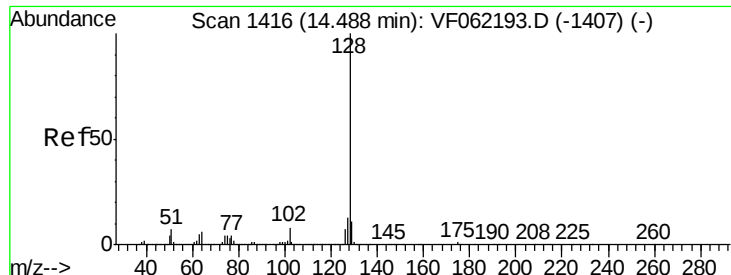
n-Butylbenzene
Concen: Below Cal
RT: 12.90 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

Tgt Ion: 91 Resp: 1663
Ion Ratio Lower Upper
91 100
92 64.1 31.2 93.6
134 23.8 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 92.00 (91.70 to 92.70): VF0
Ion 134.00 (133.70 to 134.70): V

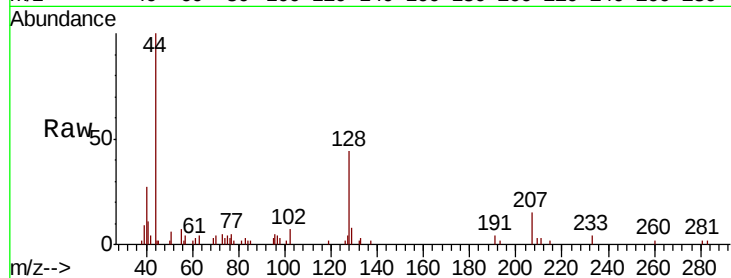




#95
Naphthalene
Concen: 1.131 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VF062266.D
Acq: 23 Apr 2019 16:22

Instrument :
MSVOA_F
ClientSampleId :
72-12000RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.4	15.6
129	13.1	9.2	13.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

