

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041919\
 Data File : VF062221.D
 Acq On : 19 Apr 2019 13:26
 Operator : FY/SY
 Sample : K2197-05RE
 Misc : 5.84g/5mL/MSVOA_F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-041619-ARE

Quant Time: Apr 19 15:09:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

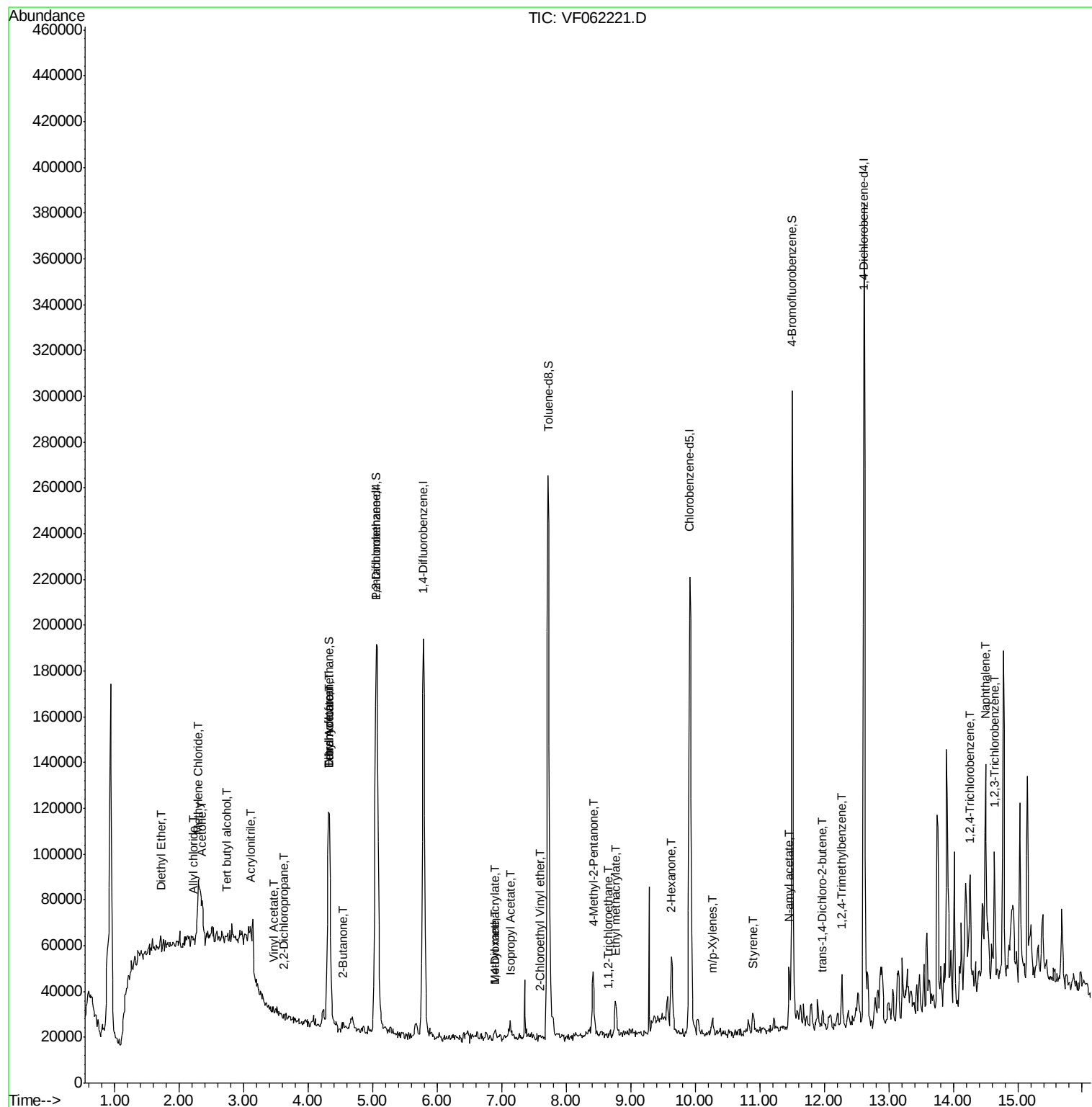
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	146645	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	208496	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	156254	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	94218	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	64346	47.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	4.32	113	88405	48.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	7.72	98	223042	48.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.50	95	101713	57.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.54%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	1.73	74	2619	5.005	ug/l	58
11) Tert butyl alcohol	2.73	59	756	8.088	ug/l #	1
13) Acrolein	2.08	56	699	Below Cal	#	1
14) Allyl chloride	2.24	41	2953	1.575	ug/l #	57
15) Acrylonitrile	3.11	53	1578	5.543	ug/l #	1
16) Acetone	2.36	43	20800	64.715	ug/l #	83
18) Methyl Acetate	2.46	43	3627	Below Cal	#	83
20) Methylene Chloride	2.30	84	19857	7.222	ug/l #	88
23) Vinyl Acetate	3.47	43	4361	1.909	ug/l #	79
25) 2-Butanone	4.54	43	3796	5.907	ug/l	92
26) 2,2-Dichloropropane	3.62	77	1435	1.083	ug/l	78
29) Tetrahydrofuran	4.31	42	1524	5.239	ug/l #	44
37) Ethyl Acetate	4.33	43	1556	1.319	ug/l #	47
43) Isopropyl Acetate	7.13	43	8990	7.246	ug/l #	93
48) Methyl methacrylate	6.91	41	1986	2.436	ug/l #	66
49) 1,4-Dioxane	6.90	88	431	46.094	ug/l #	1
51) 4-Methyl-2-Pentanone	8.42	43	28688	31.089	ug/l	94
55) 1,1,2-Trichloroethane	8.64	97	1119	1.156	ug/l #	39
56) Ethyl methacrylate	8.76	69	9484	8.615	ug/l #	81
58) 2-Chloroethyl Vinyl ether	7.61	63	479	1.499	ug/l	91
59) 2-Hexanone	9.63	43	31074	54.108	ug/l	99
68) m/p-Xylenes	10.26	106	2397	1.075	ug/l	78
70) Styrene	10.89	104	3712	1.062	ug/l #	90
74) N-amyl acetate	11.45	43	17111	7.022	ug/l #	94
81) trans-1,4-Dichloro-2-buten	11.96	75	1230	2.519	ug/l #	51
84) 1,2,4-Trimethylbenzene	12.28	105	11428	1.752	ug/l	99
89) n-Butylbenzene	12.90	91	8452	Below Cal	#	65
93) 1,2,4-Trichlorobenzene	14.24	180	2761	1.062	ug/l #	73
95) Naphthalene	14.50	128	26538	5.839	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.65	180	3807	1.526	ug/l #	67

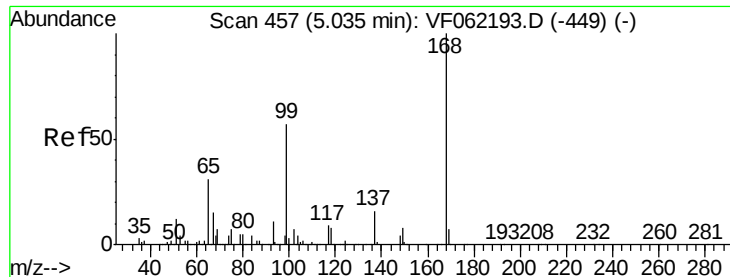
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

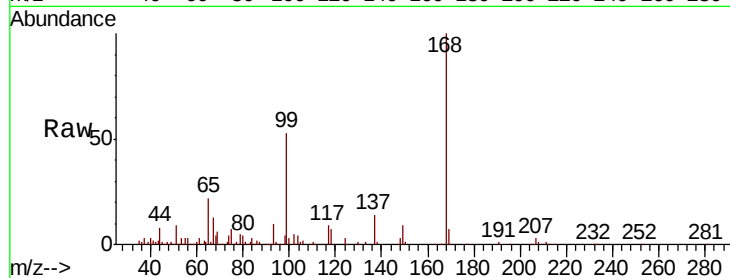
CL-01-041619-ARE

Tgt Ion:168 Resp: 146645

Ion Ratio Lower Upper

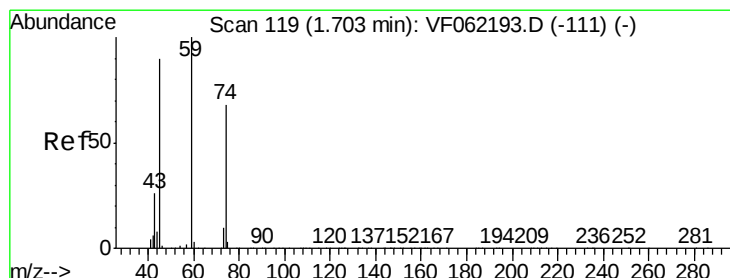
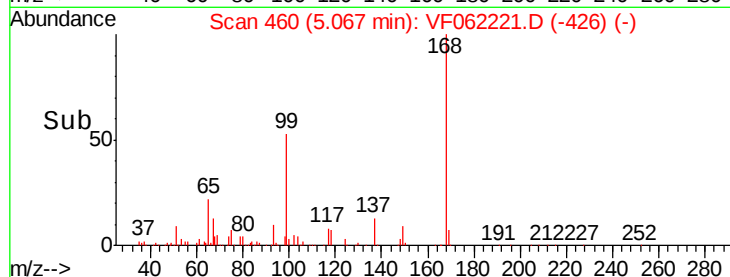
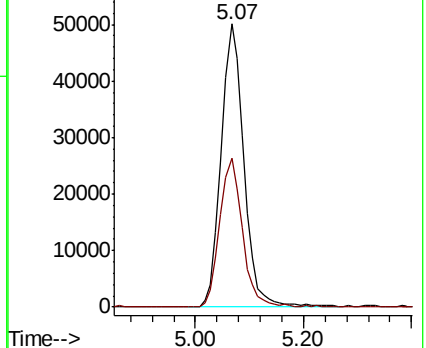
168 100

99 52.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#8

Diethyl Ether

Concen: 5.005 ug/l

RT: 1.73 min Scan# 121

Delta R.T. 0.02 min

Lab File: VF062221.D

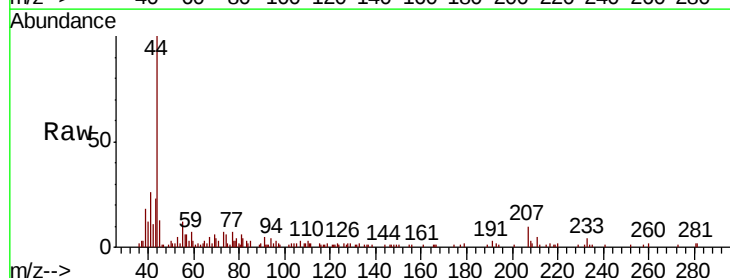
Acq: 19 Apr 2019 13:26

Tgt Ion: 74 Resp: 2619

Ion Ratio Lower Upper

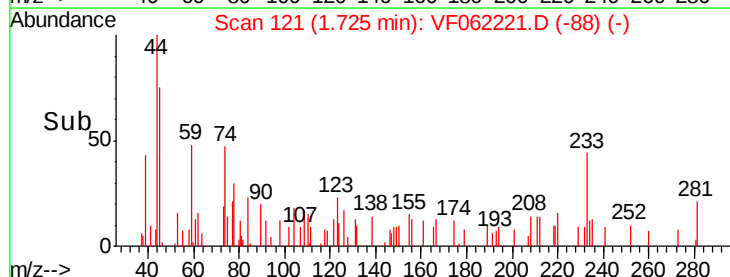
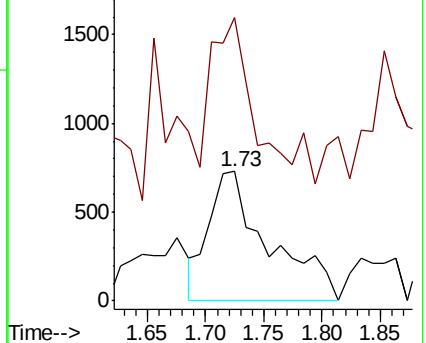
74 100

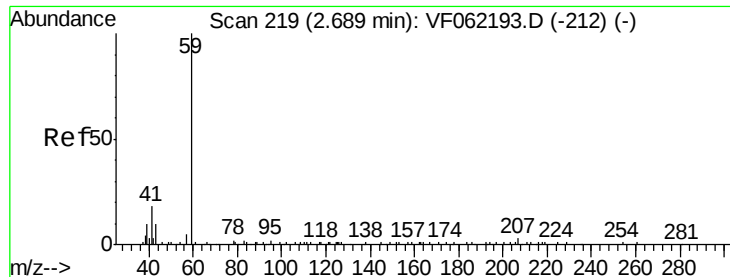
45 89.3 70.0 210.2



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

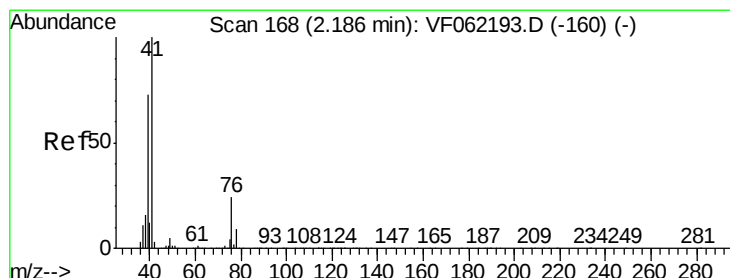
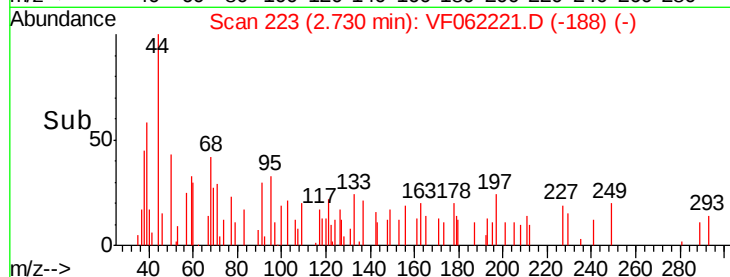
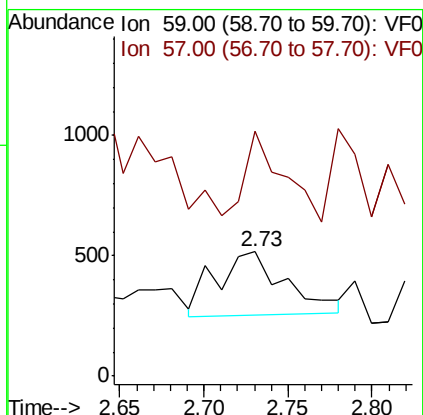
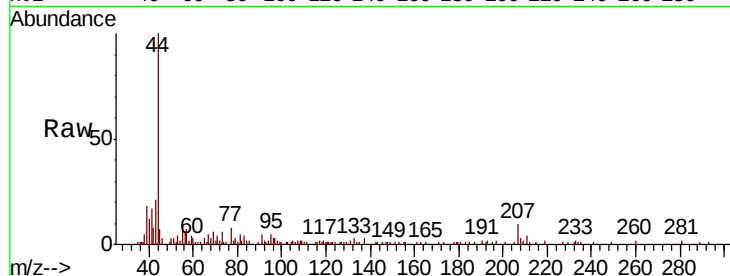




#11
Tert butyl alcohol
Concen: 8.088 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.04 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

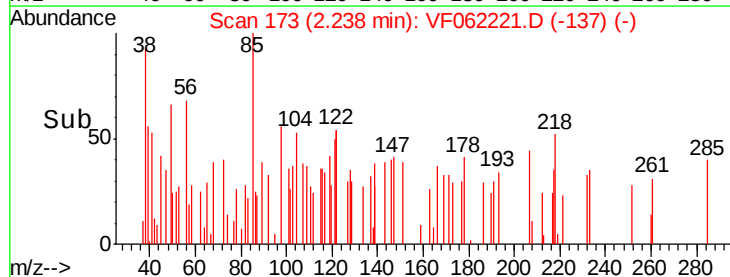
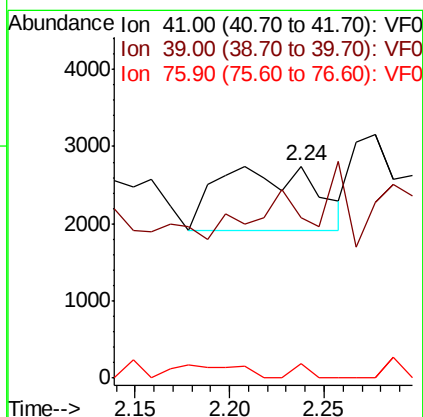
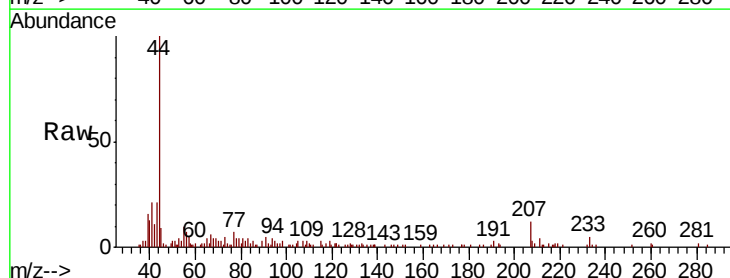
Instrument :
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ClientSampleId :
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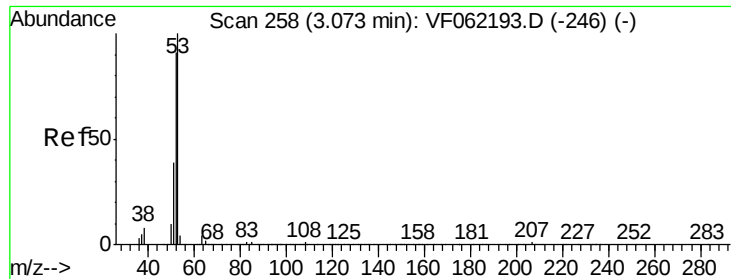
Tgt Ion: 59 Resp: 756
Ion Ratio Lower Upper
59 100
57 78.3 9.3 13.9#



#14
Allyl chloride
Concen: 1.575 ug/l
RT: 2.24 min Scan# 173
Delta R.T. 0.05 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Tgt Ion: 41 Resp: 2953
Ion Ratio Lower Upper
41 100
39 38.9 60.0 90.0#
76 3.9 20.6 30.8#





#15

Acrylonitrile

Concen: 5.543 ug/l

RT: 3.11 min Scan# 261

Delta R.T. 0.03 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

CL-01-041619-ARE

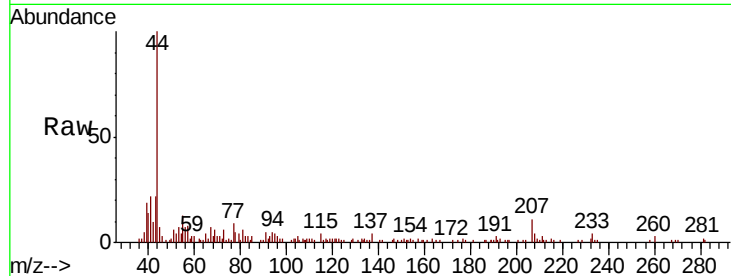
Tgt Ion: 53 Resp: 1578

Ion Ratio Lower Upper

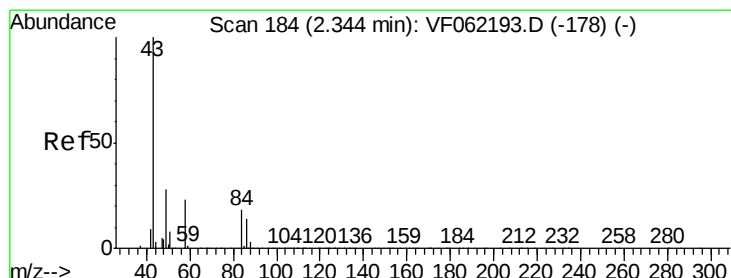
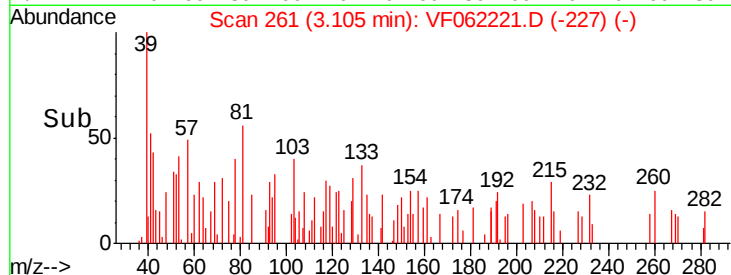
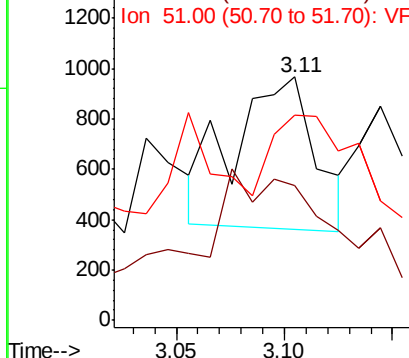
53 100

52 0.0 69.5 104.3#

51 136.8 31.8 47.8#



Abundance Ion 53.00 (52.70 to 53.70): VF0
Ion 52.00 (51.70 to 52.70): VF0
Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 64.715 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF062221.D

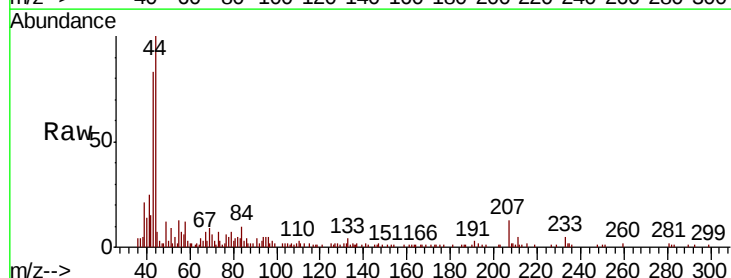
Acq: 19 Apr 2019 13:26

Tgt Ion: 43 Resp: 20800

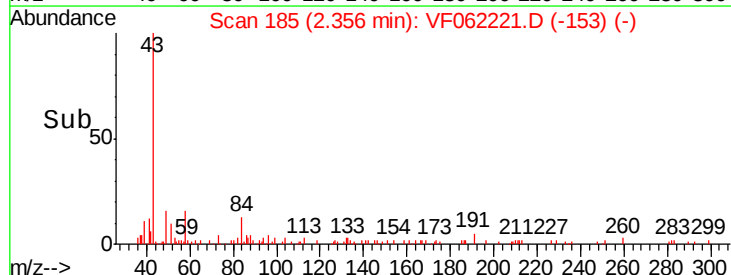
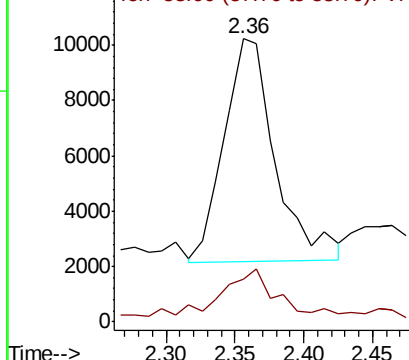
Ion Ratio Lower Upper

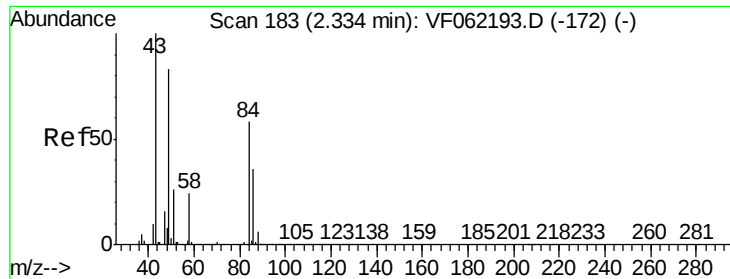
43 100

58 15.4 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

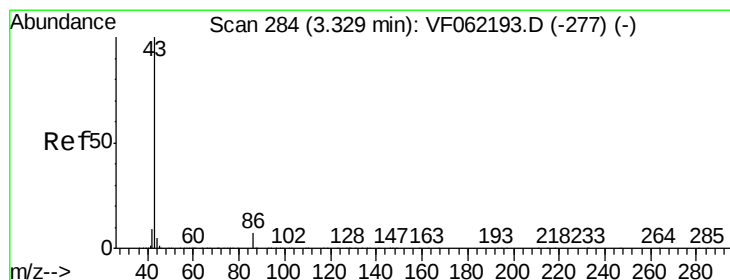
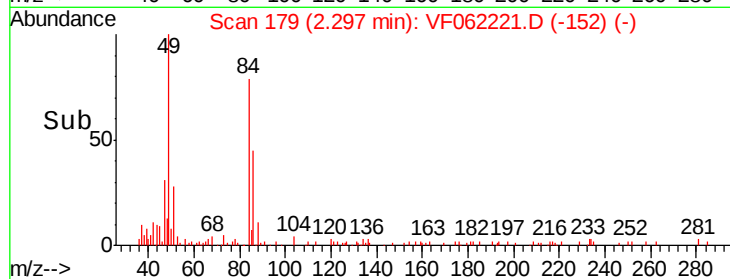
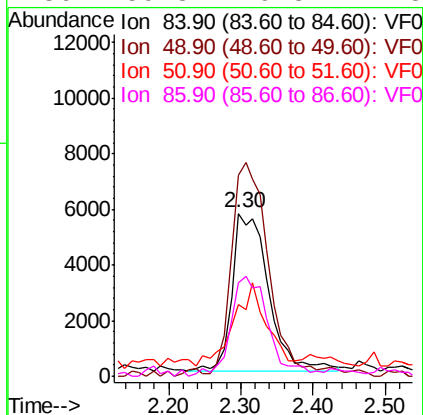
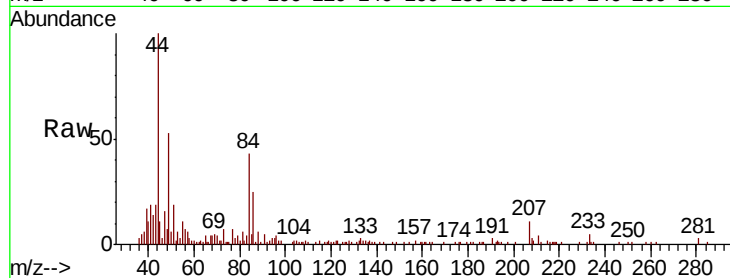




#20
Methylene Chloride
Concen: 7.222 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.04 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

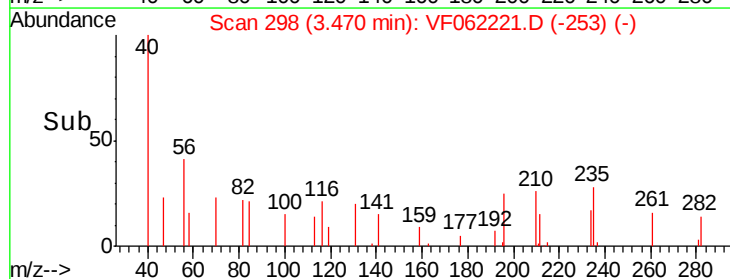
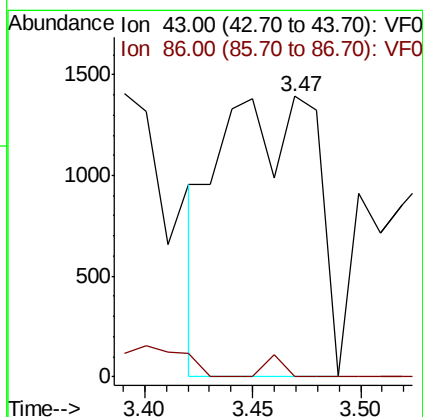
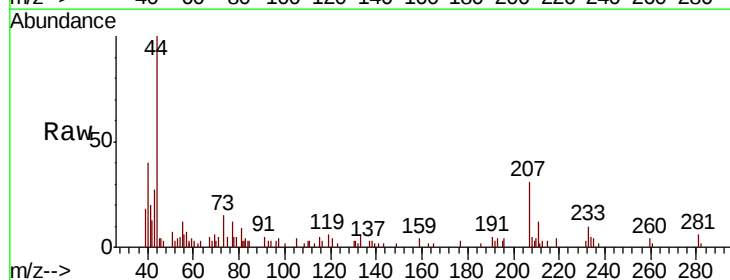
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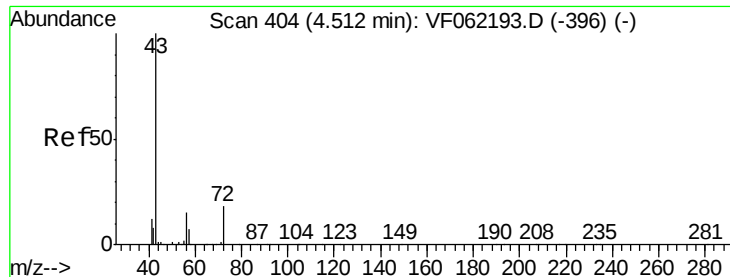
Tgt Ion:	84	Resp:	19857
Ion	Ratio	Lower	Upper
84	100		
49	123.5	114.0	171.0
51	35.7	37.0	55.4#
86	59.8	49.8	74.8



#23
Vinyl Acetate
Concen: 1.909 ug/l
RT: 3.47 min Scan# 298
Delta R.T. 0.14 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Tgt Ion:	43	Resp:	4361
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#





#25

2-Butanone

Concen: 5.907 ug/l

RT: 4.54 min Scan# 407

Delta R.T. 0.03 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

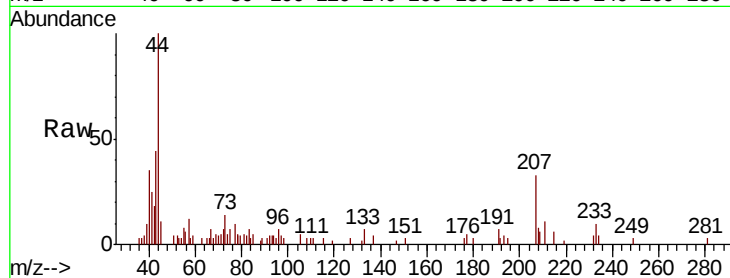
CL-01-041619-ARE

Tgt Ion: 43 Resp: 3796

Ion Ratio Lower Upper

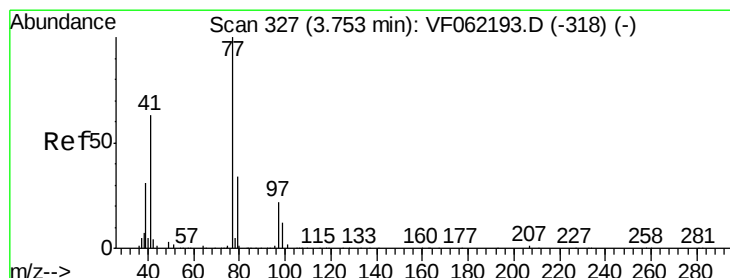
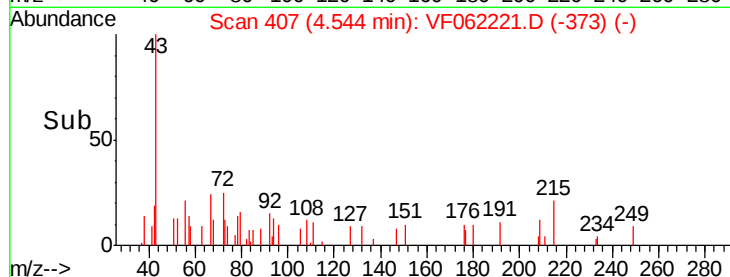
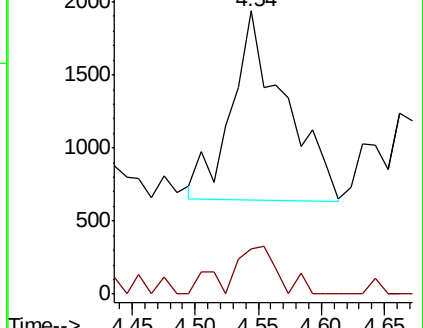
43 100

72 23.8 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 1.083 ug/l

RT: 3.62 min Scan# 313

Delta R.T. -0.14 min

Lab File: VF062221.D

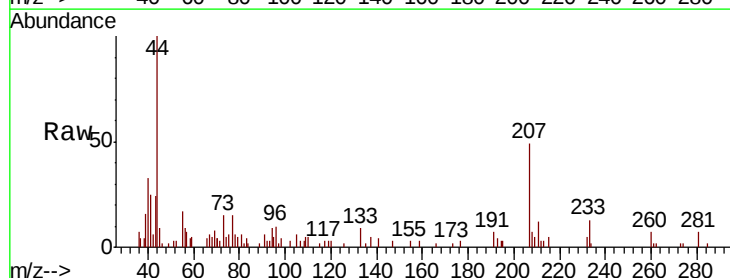
Acq: 19 Apr 2019 13:26

Tgt Ion: 77 Resp: 1435

Ion Ratio Lower Upper

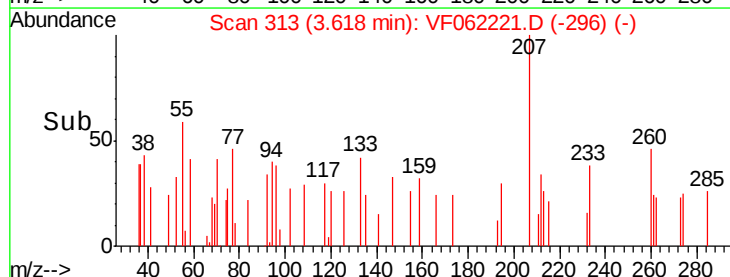
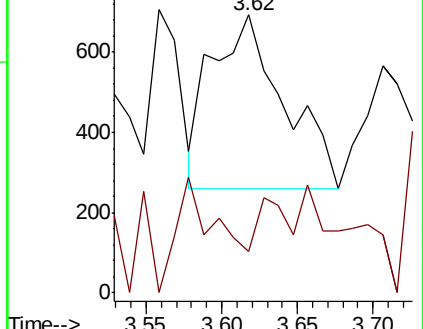
77 100

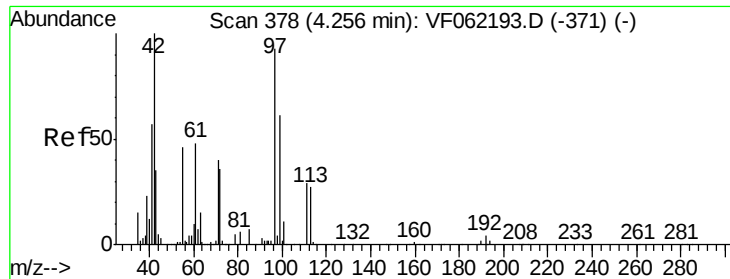
97 11.8 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0





#29

Tetrahydrofuran

Concen: 5.239 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.05 min

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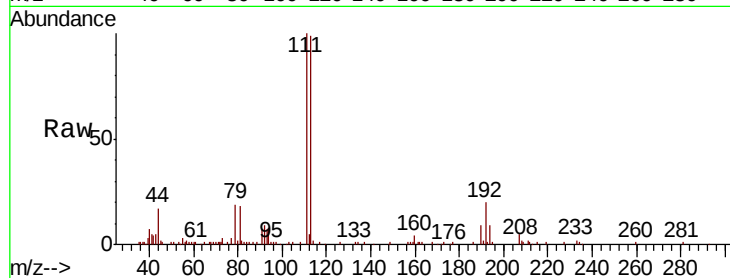
Tgt Ion: 42 Resp: 1524

Ion Ratio Lower Upper

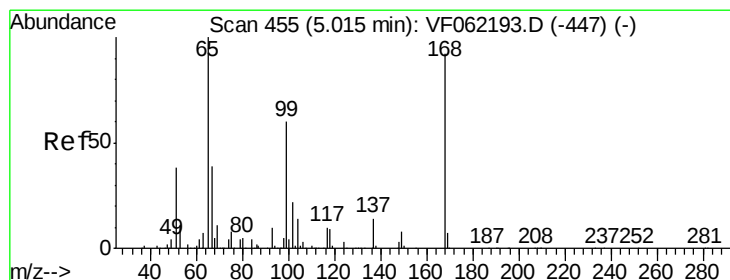
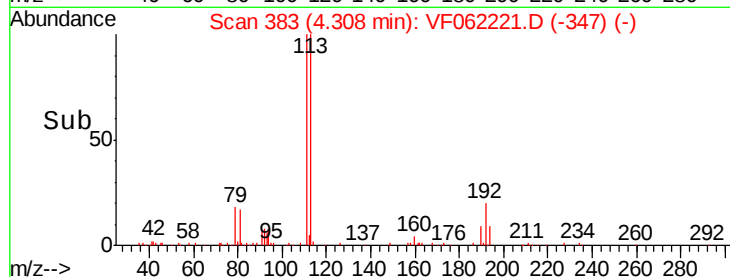
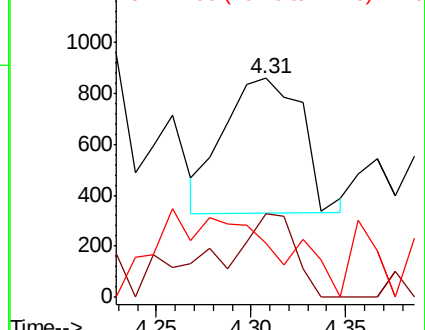
42 100

72 65.7 28.6 43.0#

71 0.0 29.2 43.8#



Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 47.853 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062221.D

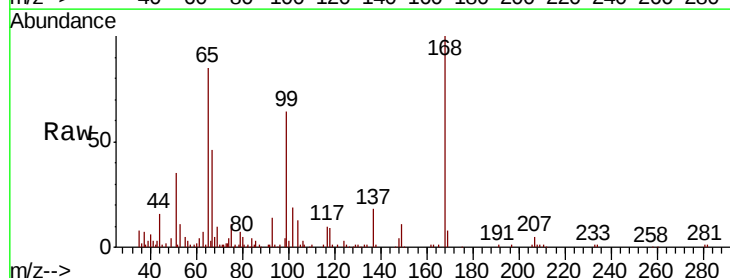
Acq: 19 Apr 2019 13:26

Tgt Ion: 65 Resp: 64346

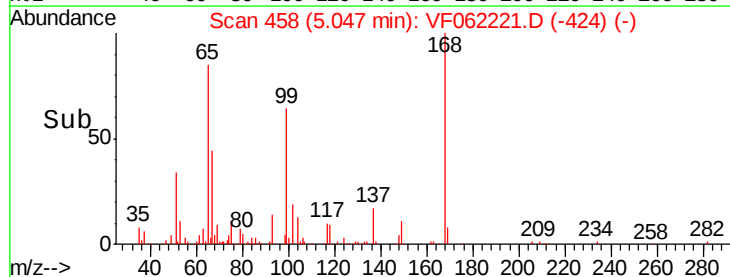
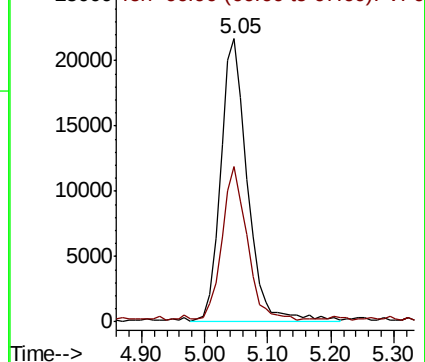
Ion Ratio Lower Upper

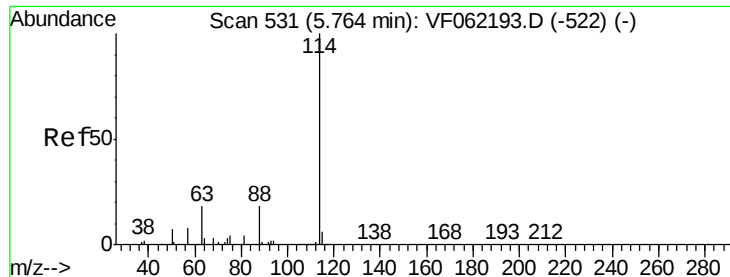
65 100

67 50.3 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: 5.79 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062221.D

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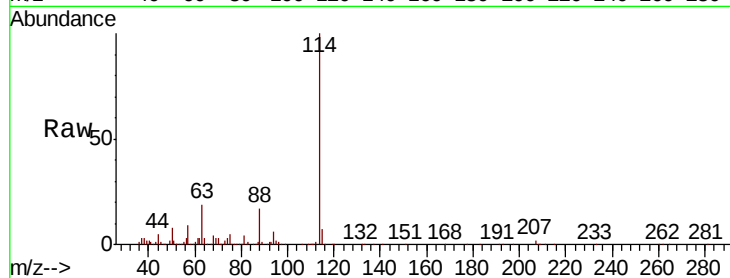
Tgt Ion:114 Resp: 208496

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.6

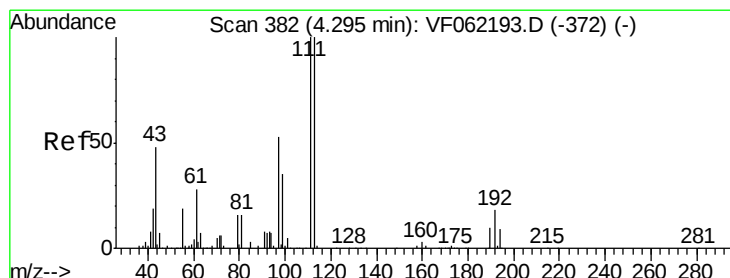
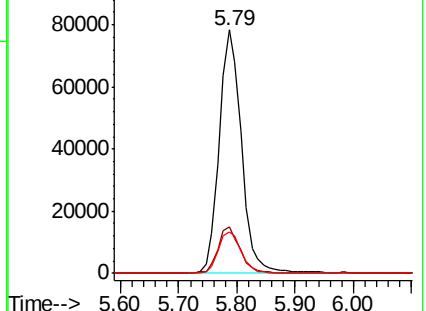
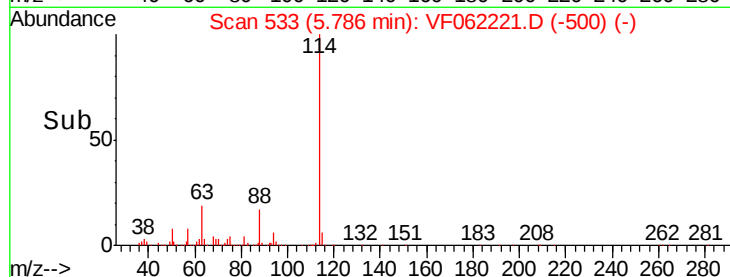
88 17.2 0.0 35.8



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: 48.473 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

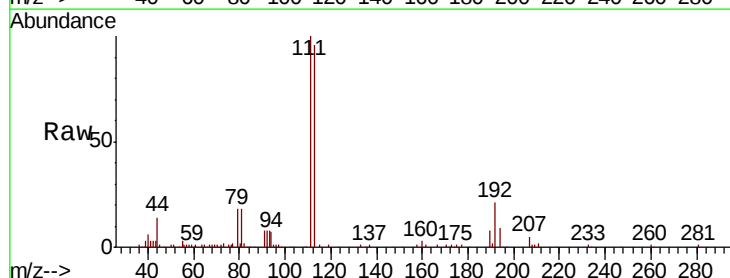
Tgt Ion:113 Resp: 88405

Ion Ratio Lower Upper

113 100

111 104.4 81.1 121.7

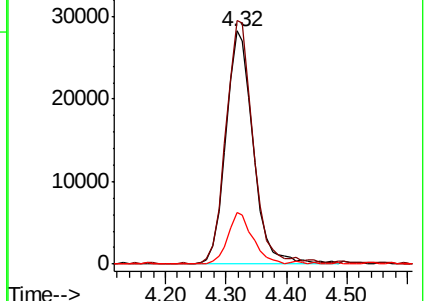
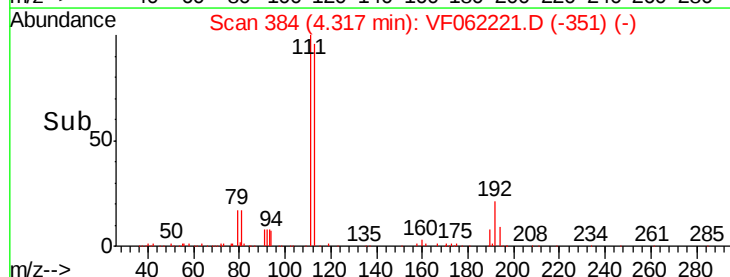
192 20.2 14.7 22.1

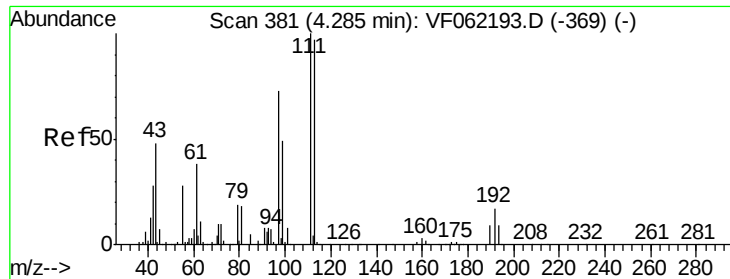


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

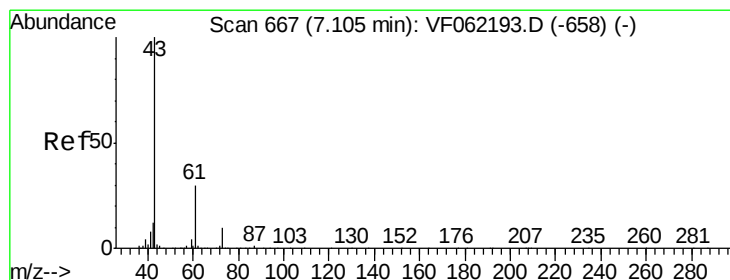
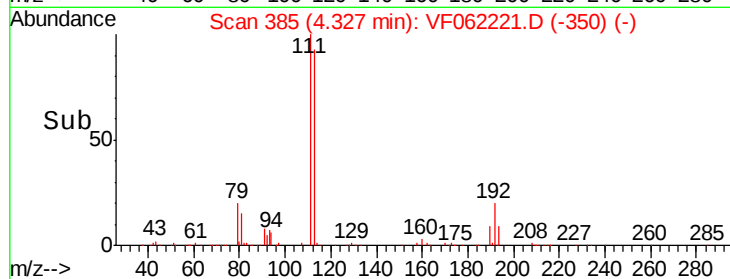
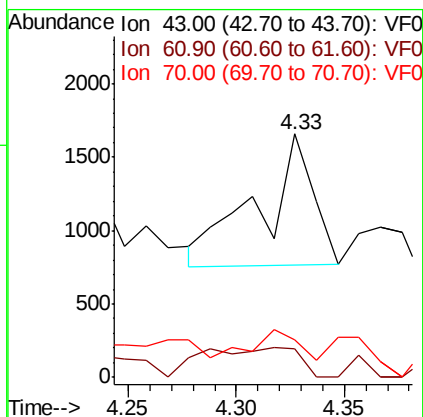
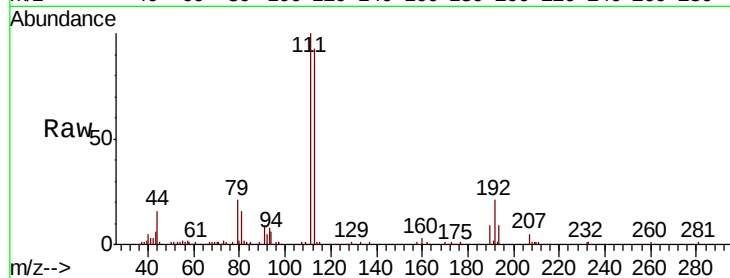




#37
Ethyl Acetate
Concen: 1.319 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.04 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

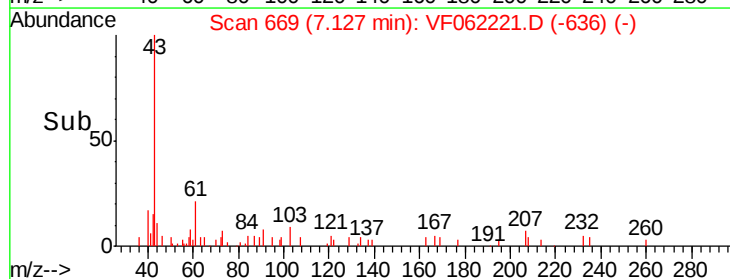
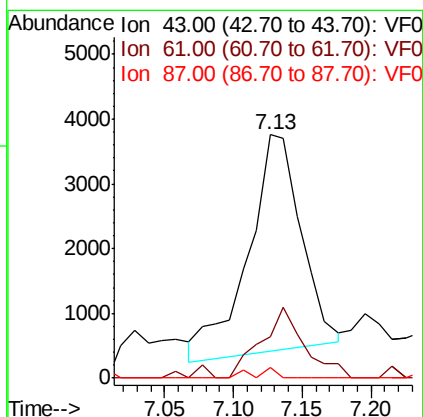
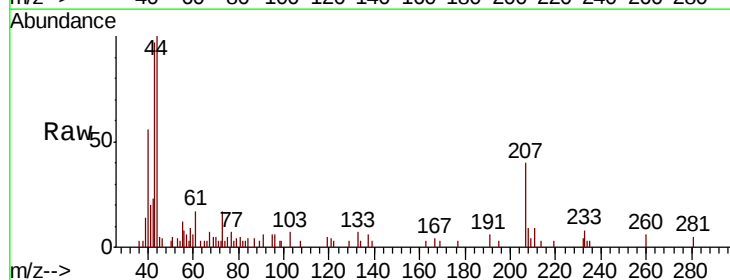
Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-ARE

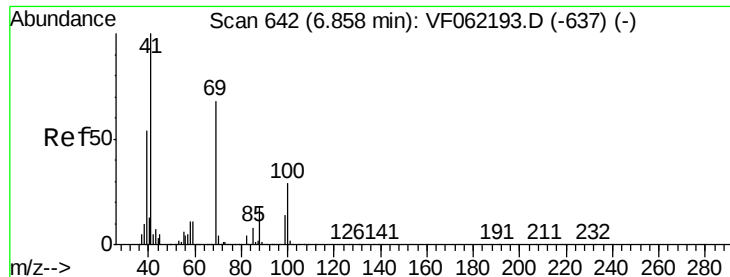
Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
61 40.2 0.0 0.0#
70 29.3 7.8 11.6#



#43
Isopropyl Acetate
Concen: 7.246 ug/l
RT: 7.13 min Scan# 669
Delta R.T. 0.02 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Tgt Ion: 43 Resp: 8990
Ion Ratio Lower Upper
43 100
61 26.8 24.4 36.6
87 0.0 0.4 0.6#

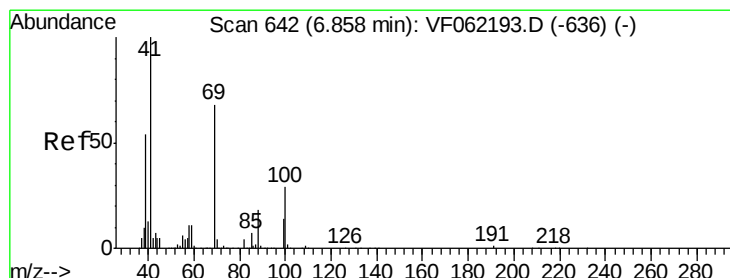
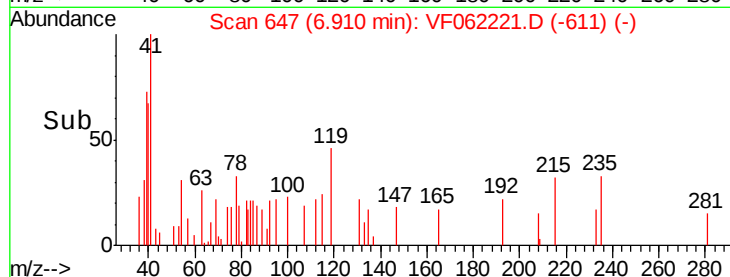
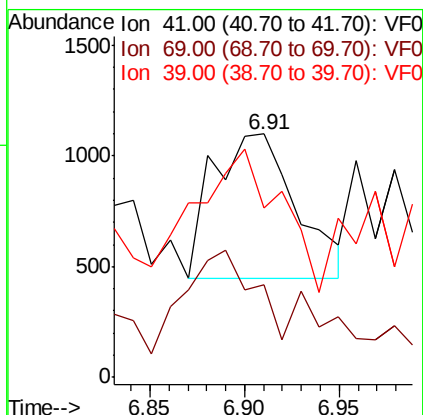
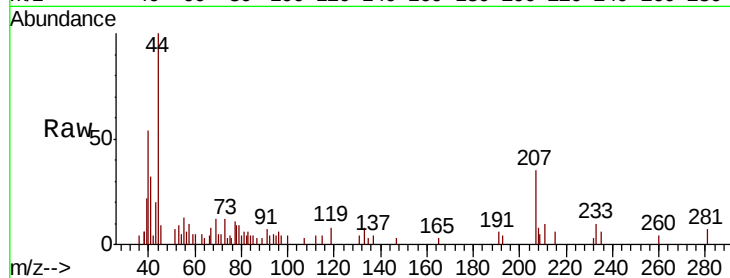




#48
Methyl methacrylate
Concen: 2.436 ug/l
RT: 6.91 min Scan# 647
Delta R.T. 0.05 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

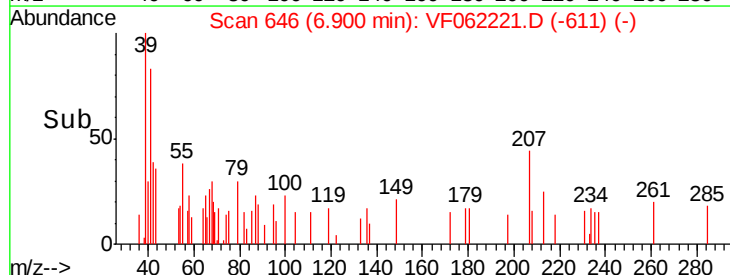
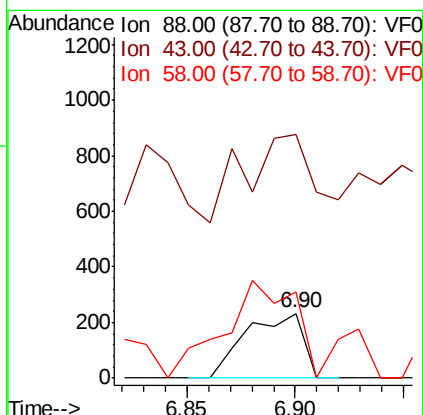
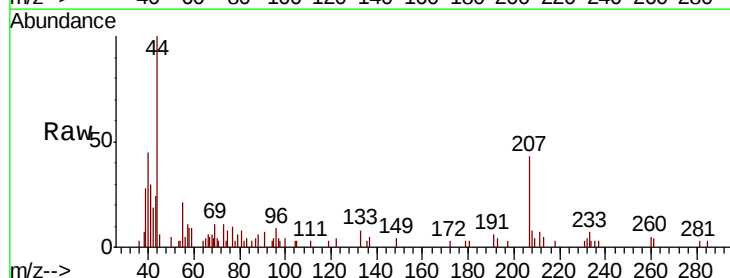
Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-ARE

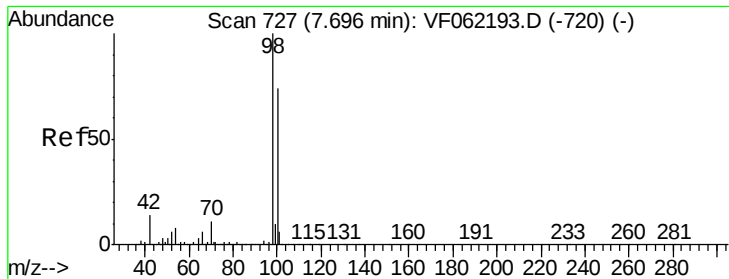
Tgt Ion: 41 Resp: 1986
Ion Ratio Lower Upper
41 100
69 61.0 54.9 82.3
39 100.7 43.6 65.4#



#49
1,4-Dioxane
Concen: 46.094 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.04 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Tgt Ion: 88 Resp: 431
Ion Ratio Lower Upper
88 100
43 163.6 36.9 55.3#
58 228.1 56.8 85.2#





#50

Toluene-d8

Concen: 48.312 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

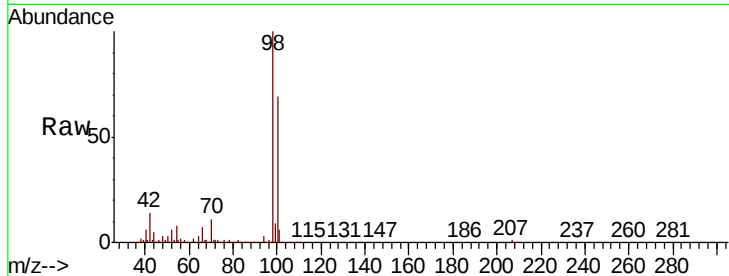
CL-01-041619-ARE

Tgt Ion: 98 Resp: 223042

Ion Ratio Lower Upper

98 100

100 67.5 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.72

100000

80000

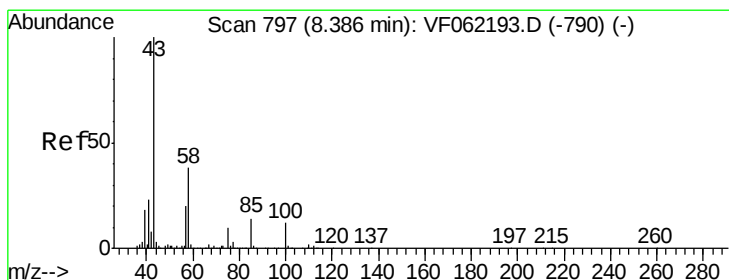
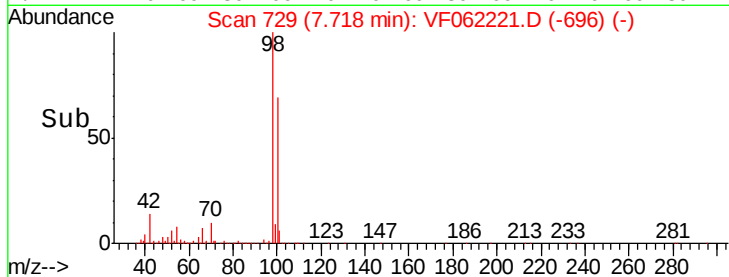
60000

40000

20000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 31.089 ug/l

RT: 8.42 min Scan# 800

Delta R.T. 0.03 min

Lab File: VF062221.D

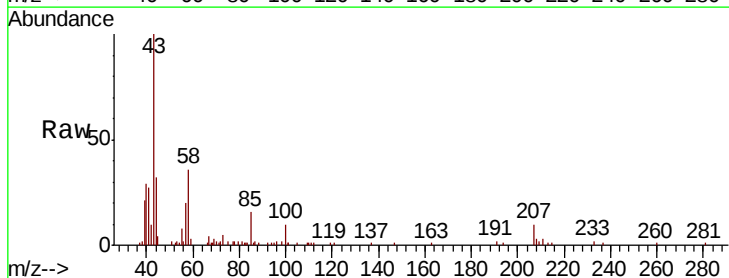
Acq: 19 Apr 2019 13:26

Tgt Ion: 43 Resp: 28688

Ion Ratio Lower Upper

43 100

58 32.9 29.3 43.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

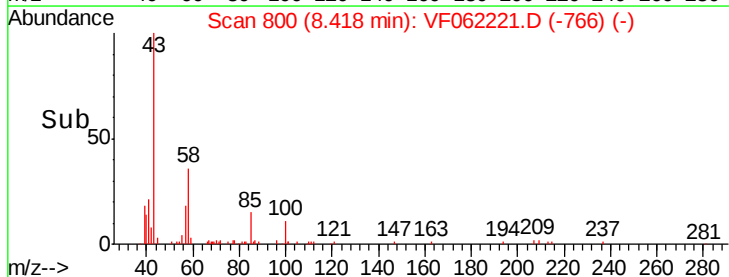
8.42

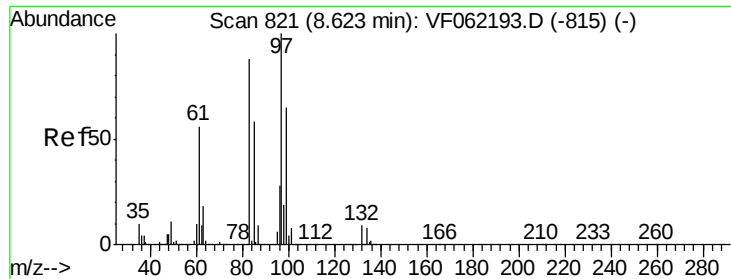
10000

5000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 1.156 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

CL-01-041619-ARE

Tgt Ion: 97 Resp: 1119

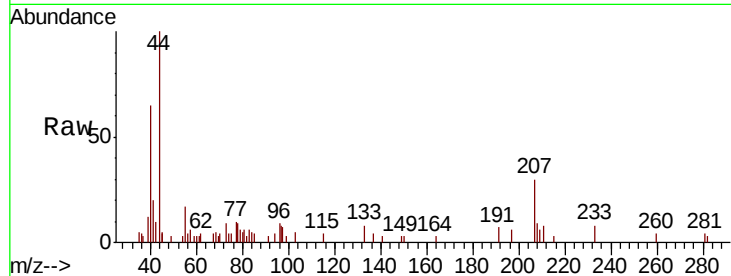
Ion Ratio Lower Upper

97 100

83 18.2 70.2 105.2#

85 25.1 46.2 69.4#

99 18.7 52.2 78.4#

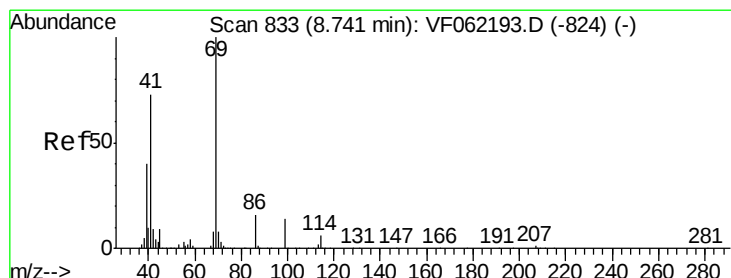
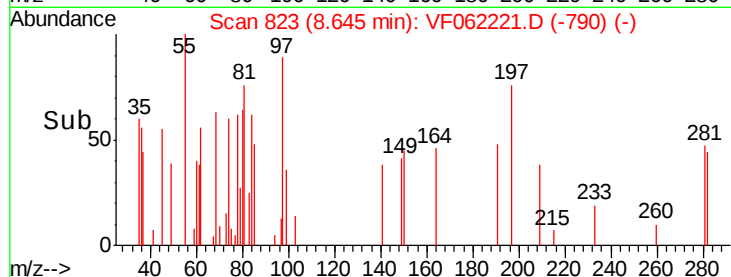
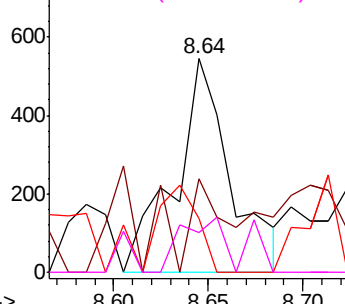


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#56

Ethyl methacrylate

Concen: 8.615 ug/l

RT: 8.76 min Scan# 835

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

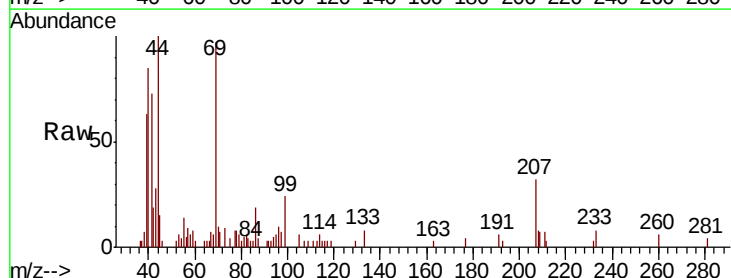
Tgt Ion: 69 Resp: 9484

Ion Ratio Lower Upper

69 100

41 75.6 61.5 92.3

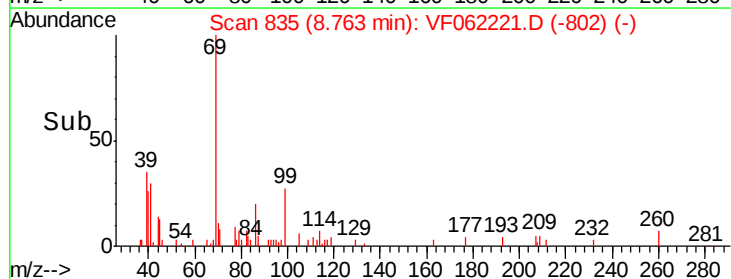
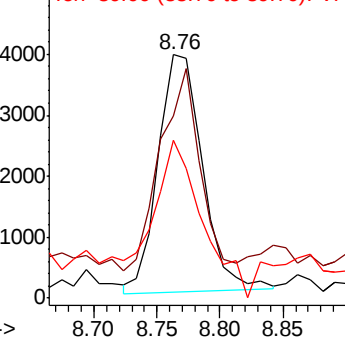
39 73.8 33.3 49.9#

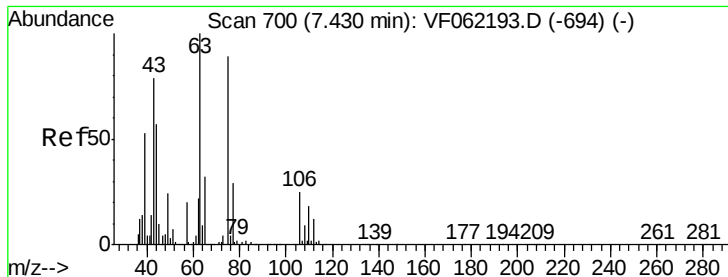


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

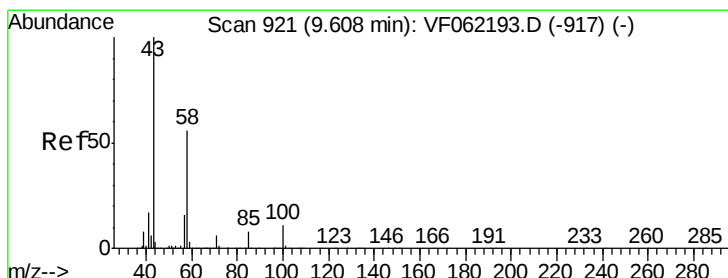
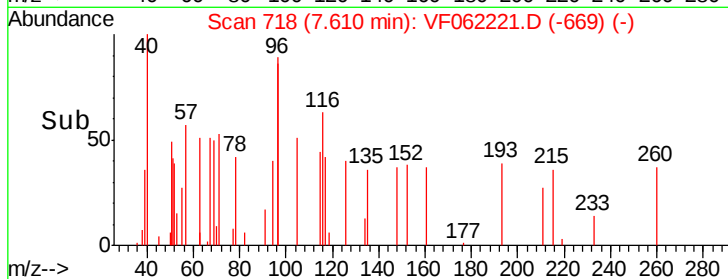
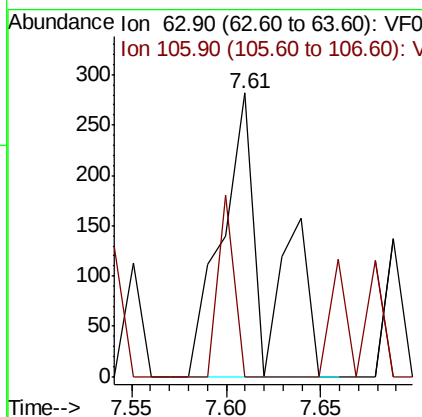
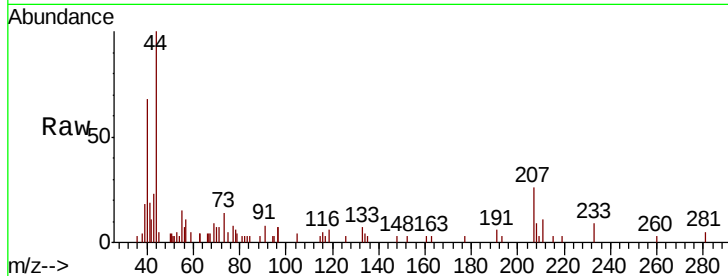




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.499 ug/l
 RT: 7.61 min Scan# 718
 Delta R.T. 0.18 min
 Lab File: VF062221.D
 Acq: 19 Apr 2019 13:26

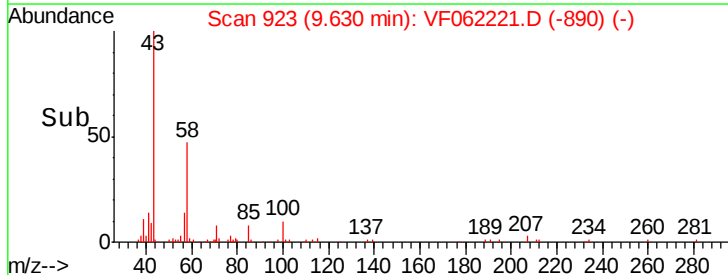
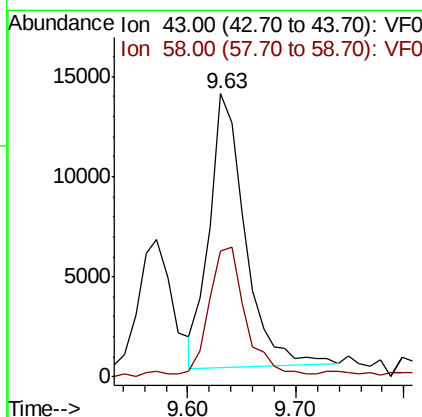
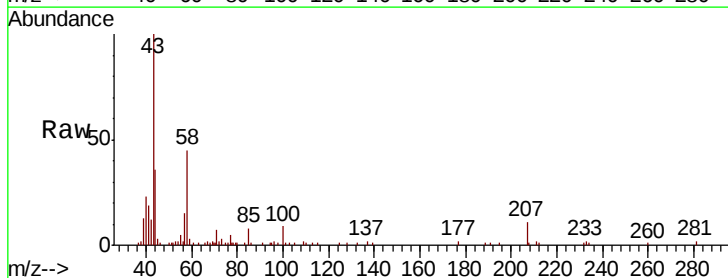
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-041619-ARE

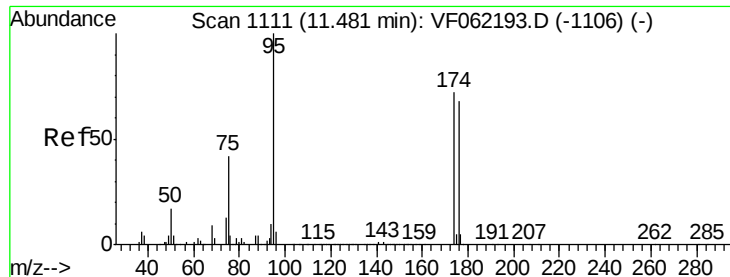
Tgt Ion: 63 Resp: 479
 Ion Ratio Lower Upper
 63 100
 106 22.1 21.4 32.0



#59
 2-Hexanone
 Concen: 54.108 ug/l
 RT: 9.63 min Scan# 923
 Delta R.T. 0.02 min
 Lab File: VF062221.D
 Acq: 19 Apr 2019 13:26

Tgt Ion: 43 Resp: 31074
 Ion Ratio Lower Upper
 43 100
 58 50.0 24.6 74.0





#62

4-Bromofluorobenzene

Concen: 57.271 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

CL-01-041619-ARE

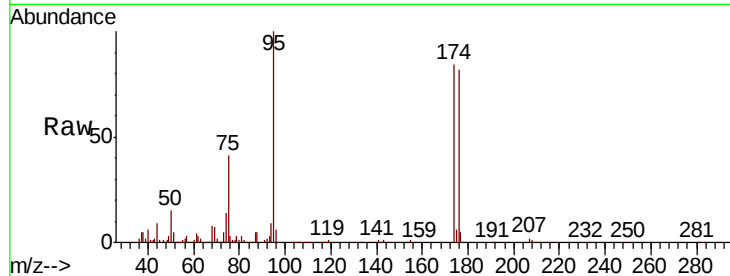
Tgt Ion: 95 Resp: 101713

Ion Ratio Lower Upper

95 100

174 84.4 0.0 159.4

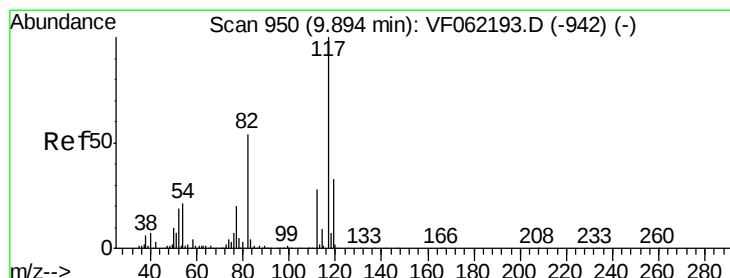
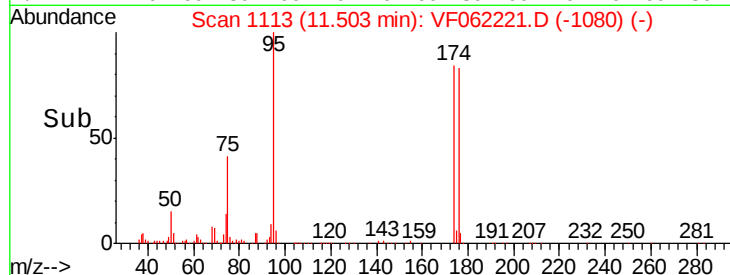
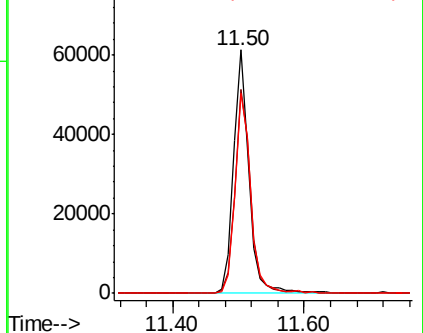
176 83.4 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): VF0

Ion 175.80 (175.50 to 176.50): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

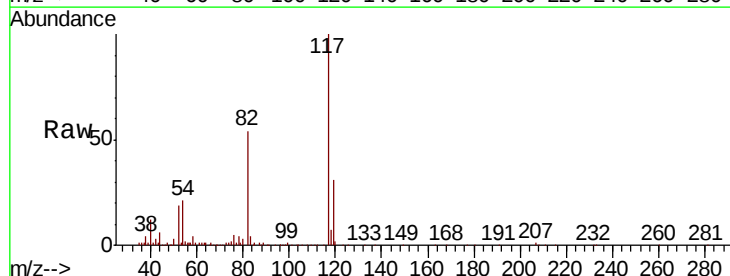
Tgt Ion: 117 Resp: 156254

Ion Ratio Lower Upper

117 100

82 53.8 43.2 64.8

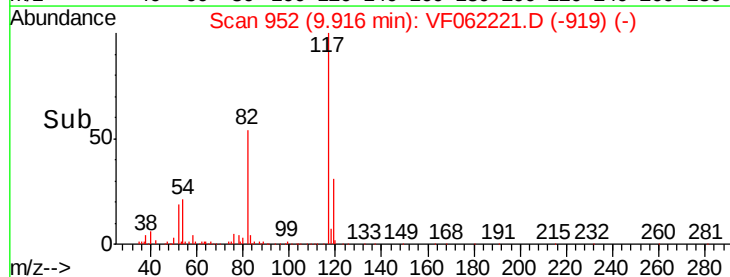
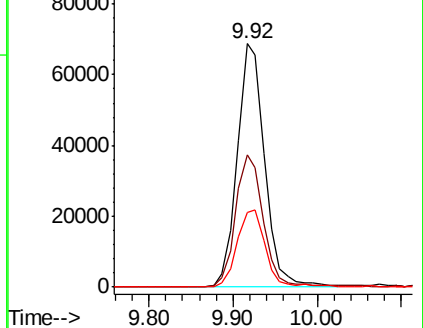
119 30.5 26.2 39.4

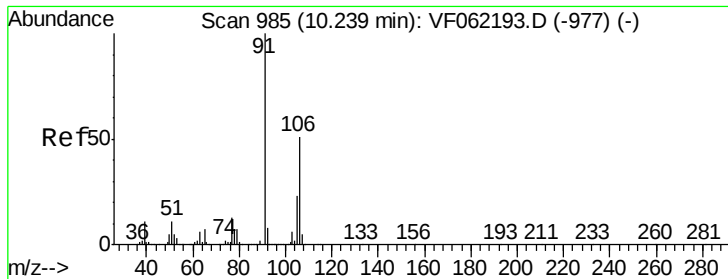


Abundance Ion 116.90 (116.60 to 117.60): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): VF0

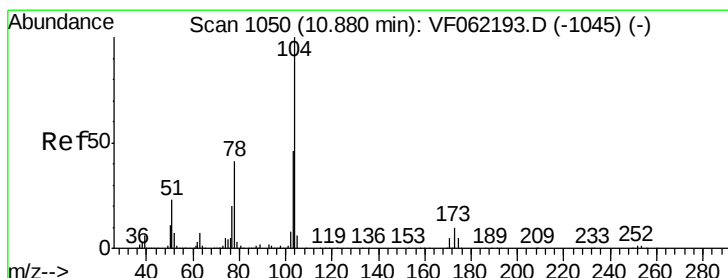
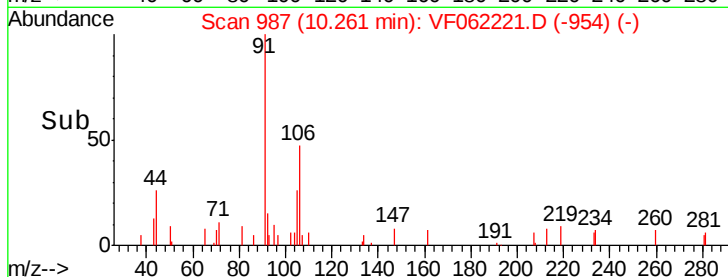
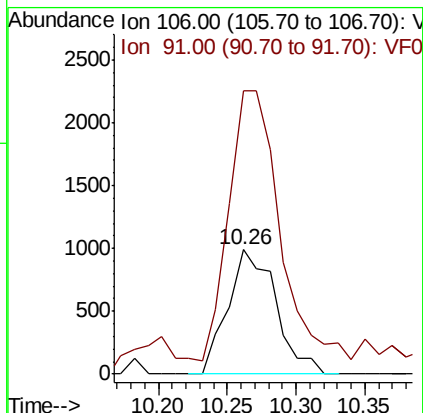
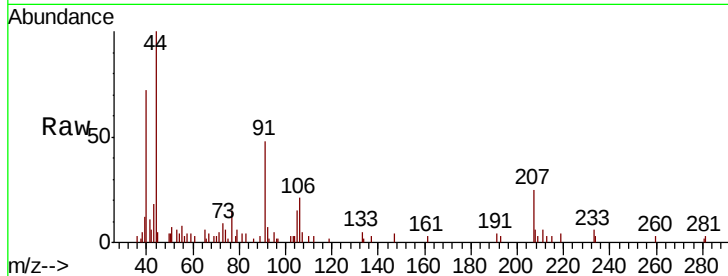




#68
m/p-Xylenes
Concen: 1.075 ug/l
RT: 10.26 min Scan# 987
Delta R.T. 0.02 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

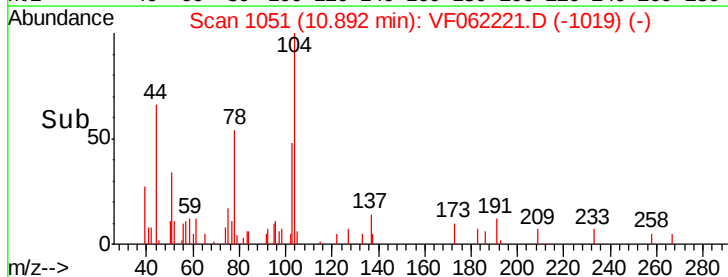
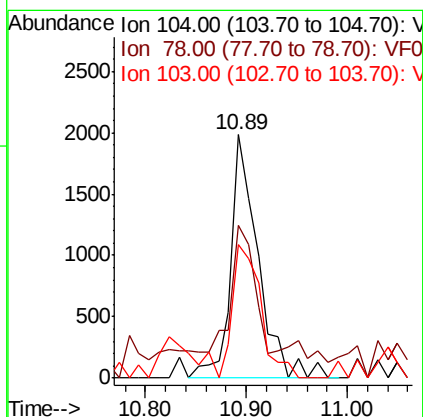
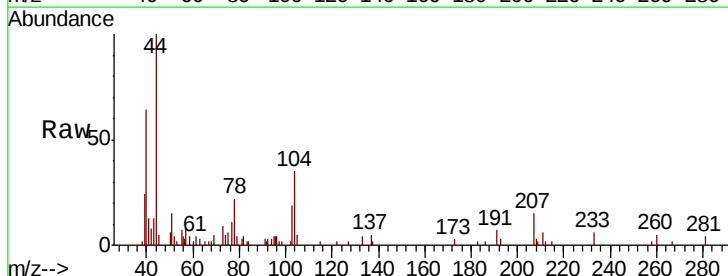
Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-ARE

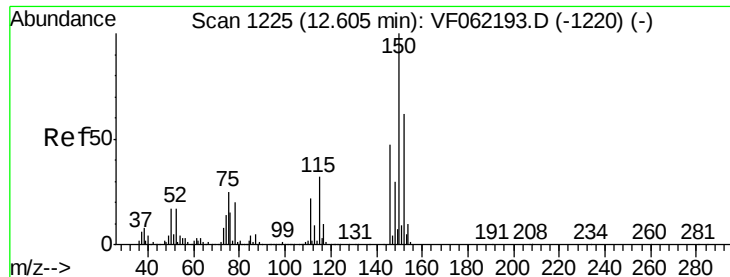
Tgt Ion:106 Resp: 2397
Ion Ratio Lower Upper
106 100
91 232.6 159.1 238.7



#70
Styrene
Concen: 1.062 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Tgt Ion:104 Resp: 3712
Ion Ratio Lower Upper
104 100
78 45.7 34.5 51.7
103 56.6 37.2 55.8#



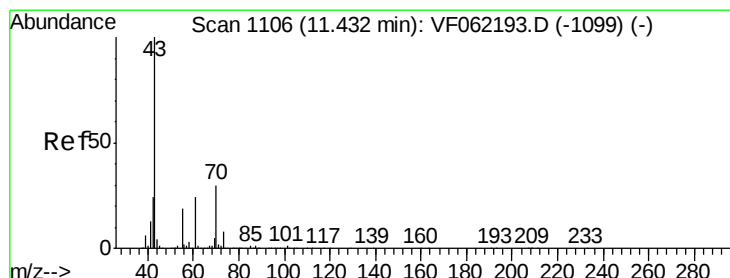
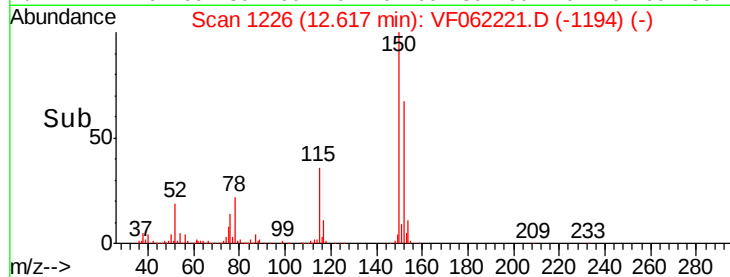
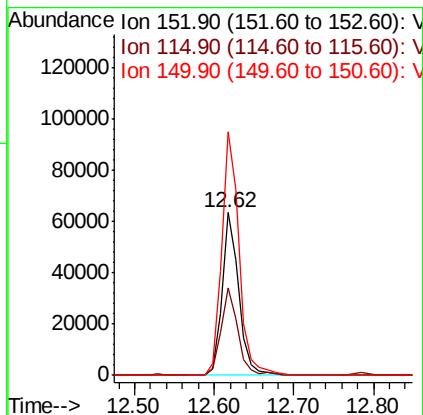
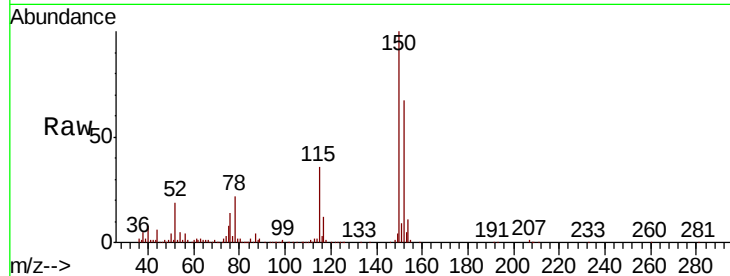


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-ARE

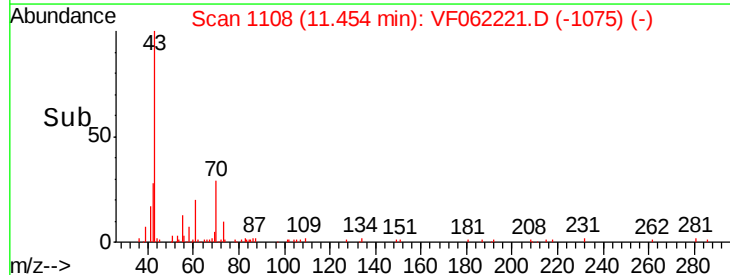
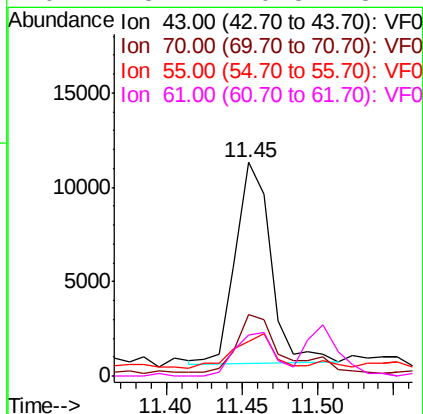
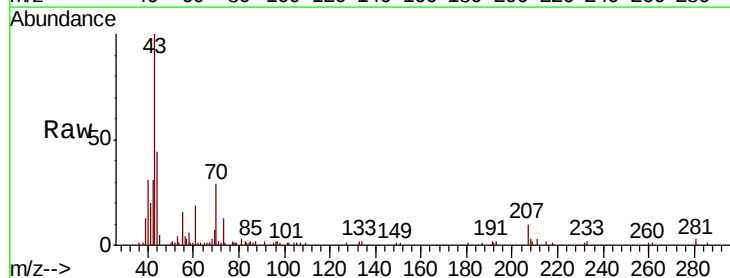
Tgt Ion: 152 Resp: 94218
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.3
150 155.5 0.0 341.8

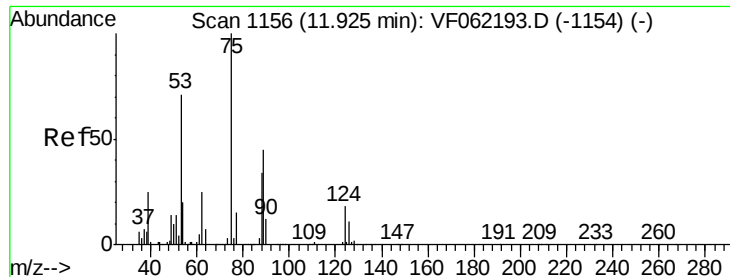


#74

N-ethyl acetate
Concen: 7.022 ug/l
RT: 11.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Tgt Ion: 43 Resp: 17111
Ion Ratio Lower Upper
43 100
70 40.9 27.0 40.4#
55 20.3 15.7 23.5
61 25.2 20.8 31.2





#81

trans-1,4-Dichloro-2-butene

Concen: 2.519 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. 0.03 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

CL-01-041619-ARE

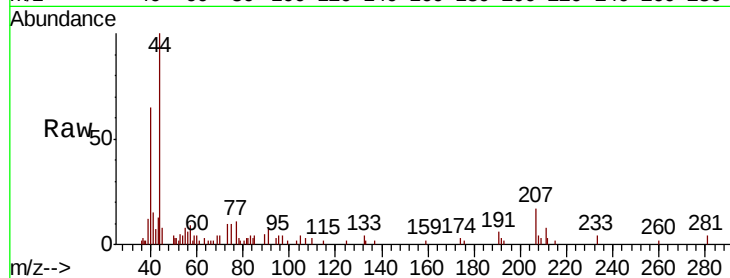
Tgt Ion: 75 Resp: 1230

Ion Ratio Lower Upper

75 100

53 24.6 50.2 75.4#

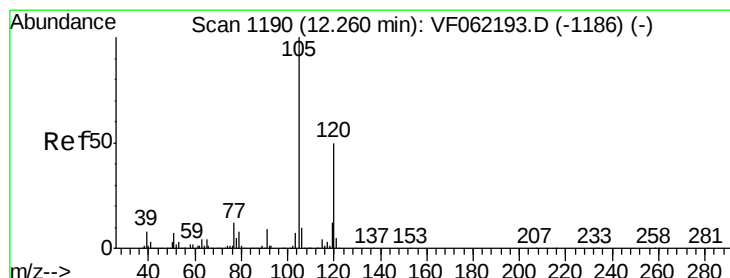
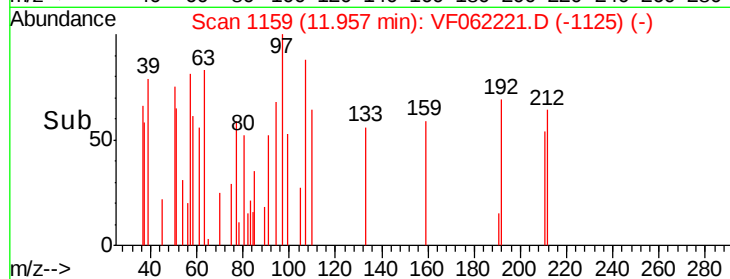
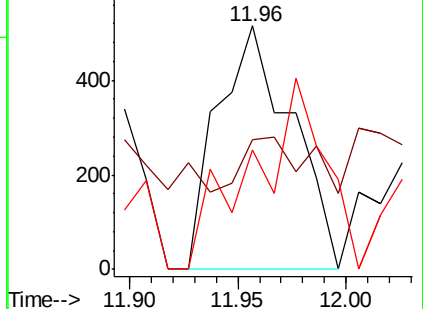
89 77.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0



#84

1,2,4-Trimethylbenzene

Concen: 1.752 ug/l

RT: 12.28 min Scan# 1192

Delta R.T. 0.02 min

Lab File: VF062221.D

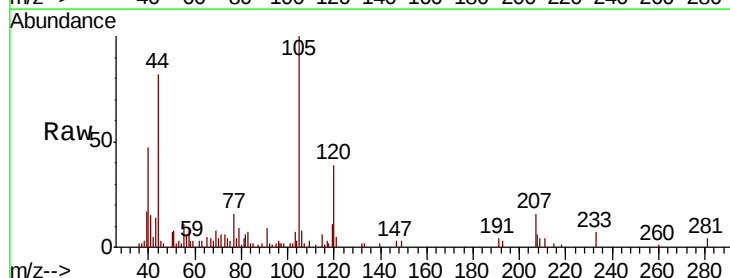
Acq: 19 Apr 2019 13:26

Tgt Ion: 105 Resp: 11428

Ion Ratio Lower Upper

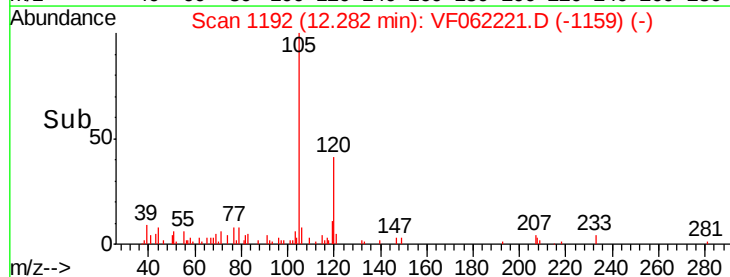
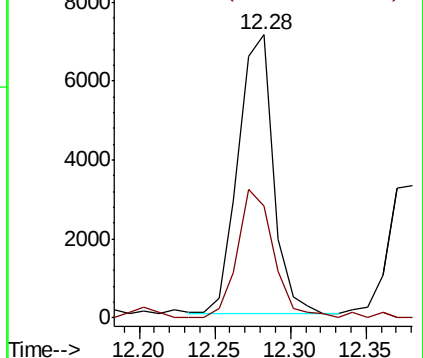
105 100

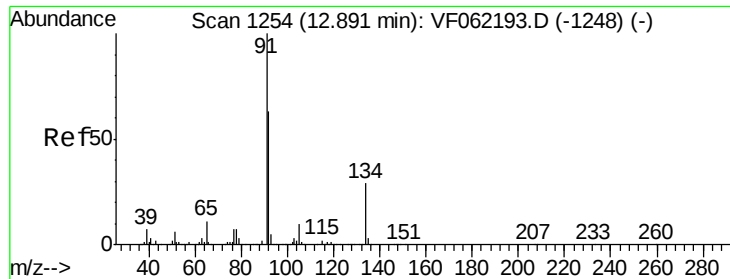
120 47.3 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: Below Cal

RT: 12.90 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

Instrument :

MSVOA_F

ClientSampleId :

CL-01-041619-ARE

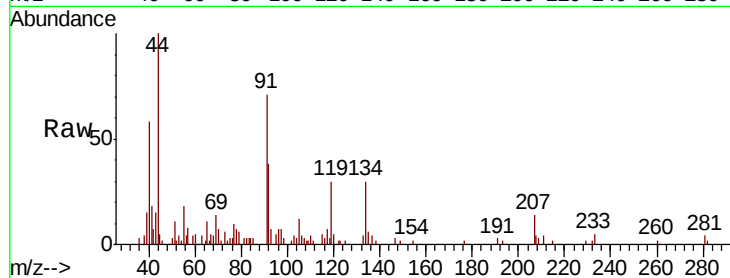
Tgt Ion: 91 Resp: 8452

Ion Ratio Lower Upper

91 100

92 45.4 31.2 93.6

134 60.6 13.1 39.1#



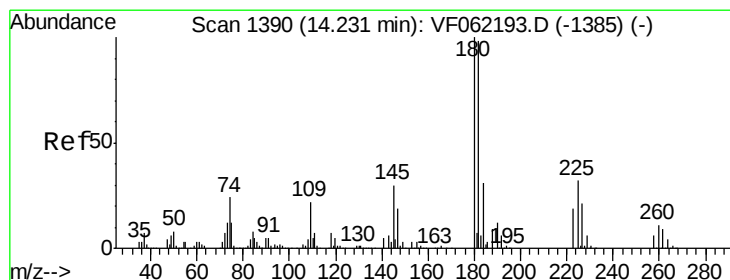
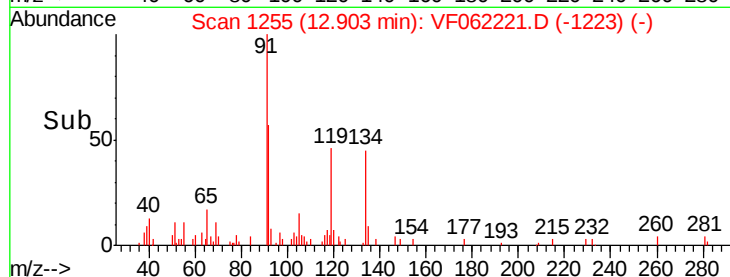
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

12.90

Time--> 12.80 12.90 13.00



#93

1,2,4-Trichlorobenzene

Concen: 1.062 ug/l

RT: 14.24 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VF062221.D

Acq: 19 Apr 2019 13:26

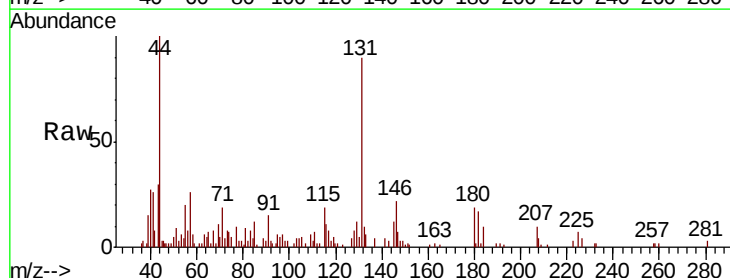
Tgt Ion: 180 Resp: 2761

Ion Ratio Lower Upper

180 100

182 84.6 49.3 147.9

145 0.0 18.1 54.4#



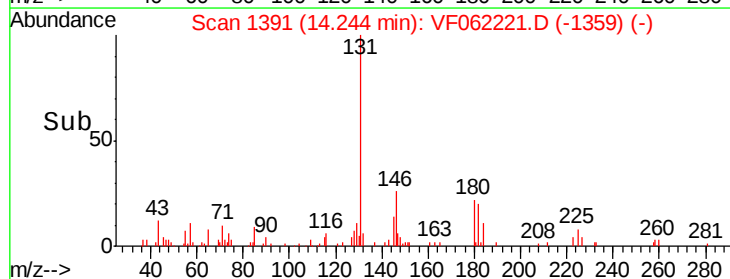
Abundance Ion 179.80 (179.50 to 180.50): V

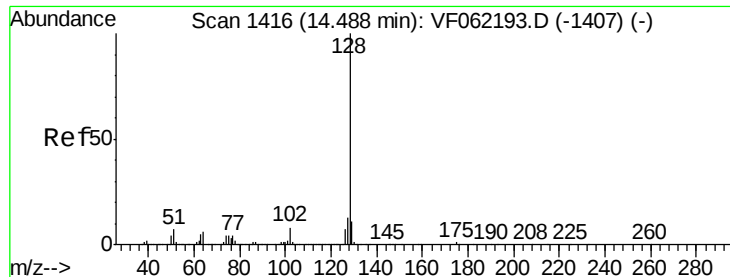
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

14.24

Time--> 14.15 14.20 14.25 14.30

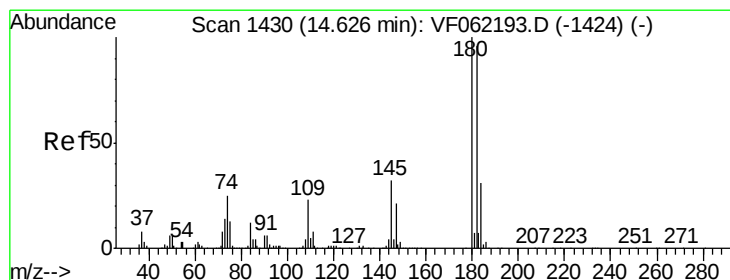
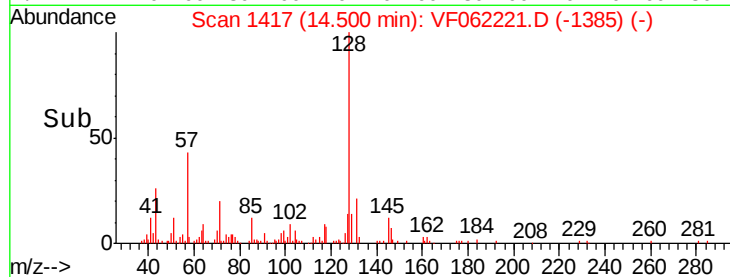
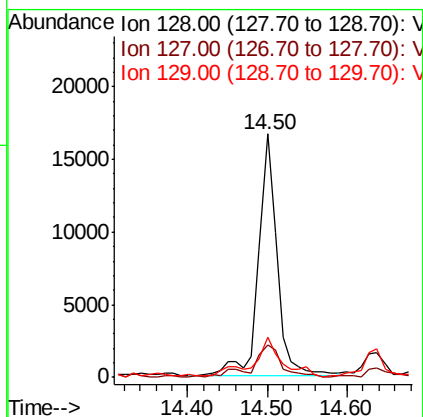
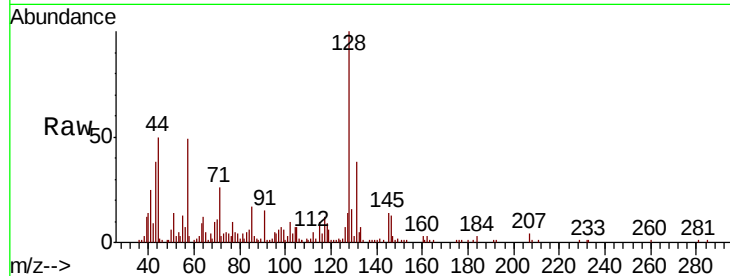




#95
Naphthalene
Concen: 5.839 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-ARE

Tgt Ion:128 Resp: 26538
Ion Ratio Lower Upper
128 100
127 21.5 10.4 15.6#
129 26.8 9.2 13.8#



#96
1,2,3-Trichlorobenzene
Concen: 1.526 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.02 min
Lab File: VF062221.D
Acq: 19 Apr 2019 13:26

Tgt Ion:180 Resp: 3807
Ion Ratio Lower Upper
180 100
182 75.8 48.4 145.3
145 68.8 15.6 46.8#

