

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062253.D
 Acq On : 22 Apr 2019 19:12
 Operator : FY/SY
 Sample : K2464-01
 Misc : 5.05µ/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-COMP-4.18.19

Quant Time: Apr 23 01:09:03 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	403	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	85	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	107	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.59	152	60	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	159	43.03	ug/l	-0.16
Spiked Amount				50.000		
			Recovery	=	86.06%	
35) Dibromofluoromethane	4.30	113	63	84.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	169.46%	
50) Toluene-d8	7.75	98	149	79.17	ug/l	0.05
Spiked Amount				50.000		
			Recovery	=	158.34%	
62) 4-Bromofluorobenzene	11.50	95	505	697.47	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	1394.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.04	85	185	30.207	ug/l #	42
3) Chloromethane	1.14	50	433	68.403	ug/l #	29
4) Vinyl Chloride	1.20	62	69	12.687	ug/l #	42
5) Bromomethane	1.41	94	244	77.232	ug/l #	6
6) Chloroethane	1.58	64	62	27.270	ug/l #	1
7) Trichlorofluoromethane	1.72	101	73	10.566	ug/l #	20
8) Diethyl Ether	1.71	74	173	120.310	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	1.86	101	65	13.771	ug/l #	21
11) Tert butyl alcohol	2.72	59	164	638.468	ug/l #	1
12) 1,1-Dichloroethene	1.88	96	761	169.516	ug/l #	6
13) Acrolein	2.04	56	701	2669.246	ug/l #	35
14) Allvl chloride	2.17	41	738	143.245	ug/l #	21
15) Acrylonitrile	3.08	53	442	564.965	ug/l #	39
16) Acetone	2.34	43	1410	1596.334	ug/l #	79
17) Carbon Disulfide	2.10	76	62	4.970	ug/l #	8
18) Methyl Acetate	2.47	43	1151	678.256	ug/l	98
19) Methyl tert-butyl Ether	2.54	73	208	26.242	ug/l #	58
20) Methylene Chloride	2.35	84	170	37.640	ug/l #	8
21) trans-1,2-Dichloroethene	2.42	96	642	144.611	ug/l #	1
22) Diisopropyl ether	2.93	45	382	28.986	ug/l #	1
23) Vinyl Acetate	3.33	43	527	83.930	ug/l #	79
24) 1,1-Dichloroethane	2.97	63	101	14.010	ug/l #	88
25) 2-Butanone	4.50	43	1508	853.838	ug/l #	85
26) 2,2-Dichloropropane	3.73	77	472	129.679	ug/l	86
27) cis-1,2-Dichloroethene	3.67	96	407	70.794	ug/l #	1
28) Bromochloromethane	3.84	49	67	19.401	ug/l #	8
29) Tetrahydrofuran	4.27	42	522	652.975	ug/l #	67
30) Chloroform	4.07	83	69	7.788	ug/l #	18
31) Cyclohexane	3.88	56	196	22.686	ug/l #	1
32) 1,1,1-Trichloroethane	4.28	97	135	20.816	ug/l #	46
36) 1,1-Dichloropropene	4.46	75	151	148.169	ug/l #	1
37) Ethyl Acetate	4.33	43	377	783.954	ug/l #	84
38) Carbon Tetrachloride	4.10	117	162	179.591	ug/l #	13
39) Methylcyclohexane	5.63	83	147	120.474	ug/l #	40

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	4.81	78	312	116.720	ug/l #	42
41) Methacrylonitrile	4.95	41	303	1092.315	ug/l #	1
42) 1,2-Dichloroethane	5.06	62	62	87.737	ug/l #	74
43) Isopropyl Acetate	7.11	43	165	326.226	ug/l #	45
44) Trichloroethene	5.47	130	67	92.758	ug/l	2
45) 1,2-Dichloropropane	6.43	63	133	225.881	ug/l #	1
46) Dibromomethane	6.21	93	70	178.687	ug/l #	40
47) Bromodichloromethane	6.56	83	163	184.383	ug/l #	24
48) Methyl methacrylate	6.86	41	669	2012.673	ug/l #	19
49) 1,4-Dioxane	6.98	88	82	21510.818	ug/l #	1
51) 4-Methyl-2-Pentanone	8.41	43	800	2126.566	ug/l #	59
52) Toluene	7.70	92	64	45.421	ug/l	88
53) t-1,3-Dichloropropene	8.40	75	60	90.364	ug/l #	1
54) cis-1,3-Dichloropropene	7.46	75	94	104.661	ug/l #	1
55) 1,1,2-Trichloroethane	8.64	97	135	342.008	ug/l #	14
56) Ethyl methacrylate	8.73	69	178	396.625	ug/l #	1
57) 1,3-Dichloropropane	9.02	76	151	236.901	ug/l #	8
58) 2-Chloroethyl Vinyl ether	7.52	63	87	667.701	ug/l #	48
59) 2-Hexanone	9.69	43	574	2445.572	ug/l	96
60) Dibromochloromethane	8.88	129	170	289.590	ug/l	94
61) 1,2-Dibromoethane	9.08	107	149	335.050	ug/l #	3
65) Chlorobenzene	10.13	112	63	27.613	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	10.00	131	61	57.093	ug/l #	1
67) Ethyl Benzene	10.00	91	163	39.289	ug/l #	44
68) m/p-Xylenes	10.14	106	72	47.144	ug/l #	1
69) o-Xylene	10.82	106	71	41.872	ug/l	70
70) Styrene	10.89	104	76	31.760	ug/l #	1
71) Bromoform	11.11	173	63	111.679	ug/l #	28
73) Isopropylbenzene	11.19	105	82	15.910	ug/l #	49
74) N-amyl acetate	11.46	43	1235	1054.032	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	11.79	83	67	75.589	ug/l #	22
76) 1,2,3-Trichloropropane	11.89	75	59	96.749	ug/l #	1
77) Bromobenzene	11.68	156	65	58.872	ug/l #	1
78) n-propylbenzene	11.60	91	286	52.602	ug/l	90
79) 2-Chlorotoluene	11.87	91	221	67.008	ug/l	83
80) 1,3,5-Trimethylbenzene	11.91	105	72	16.773	ug/l #	26
81) trans-1,4-Dichloro-2-buten	11.92	75	177	569.113	ug/l #	64
82) 4-Chlorotoluene	11.87	91	221	69.336	ug/l	83
83) tert-Butylbenzene	12.20	119	66	14.868	ug/l #	30
84) 1,2,4-Trimethylbenzene	12.27	105	292	70.293	ug/l	66
85) sec-Butylbenzene	12.34	105	94	16.310	ug/l #	57
86) p-Isopropyltoluene	12.51	119	131	26.796	ug/l #	23
89) n-Butylbenzene	12.88	91	217	54.432	ug/l #	28
90) Hexachloroethane	12.95	117	76	60.539	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.70	75	164	941.726	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.27	180	77	46.518	ug/l #	11
95) Naphthalene	14.44	128	66	22.804	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.75	180	61	38.386	ug/l #	12

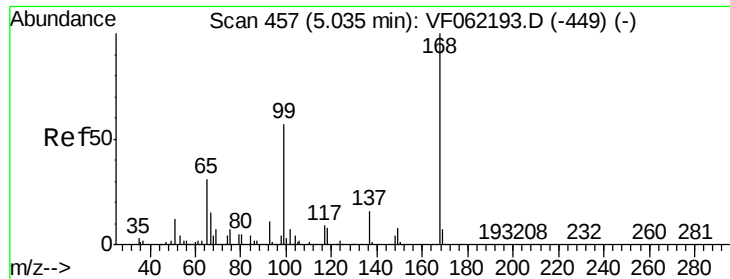
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

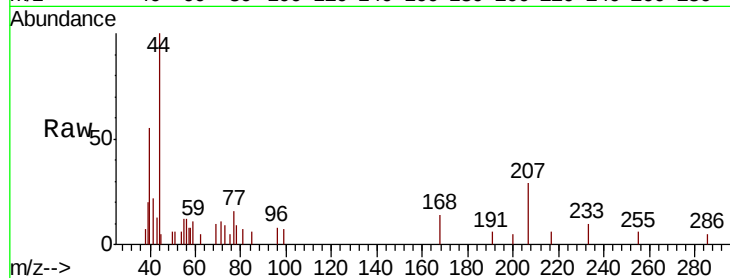
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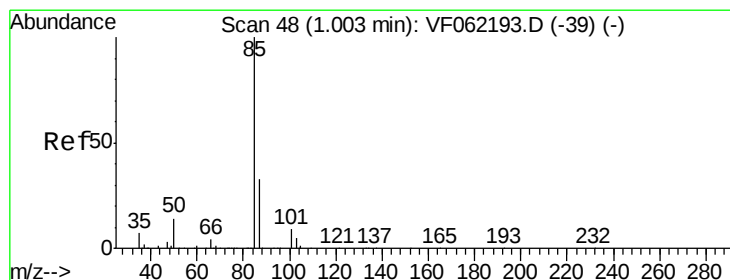
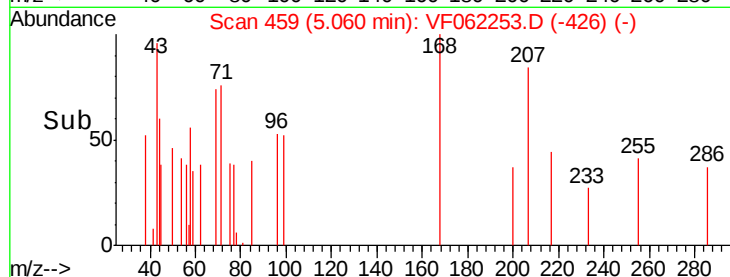
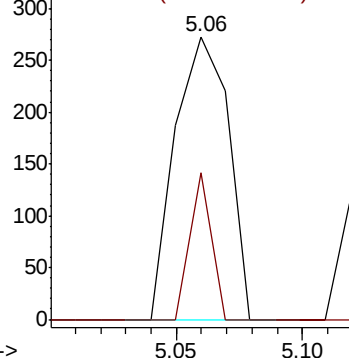
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.02 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

Tot Ion:168 Resp: 403
Ion Ratio Lower Upper
168 100
99 51.6 45.5 68.3

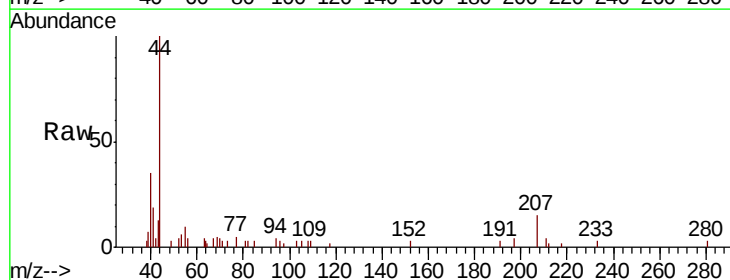


Abundance Ion 167.90 (167.60 to 168.60): VF0
Ion 98.90 (98.60 to 99.60): VF0

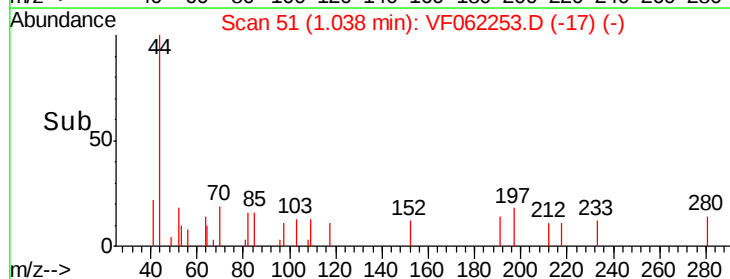
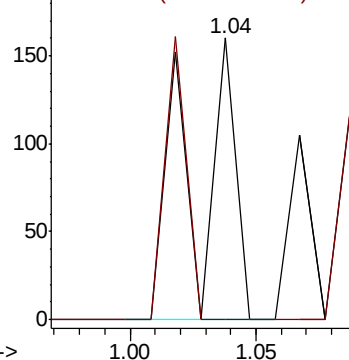


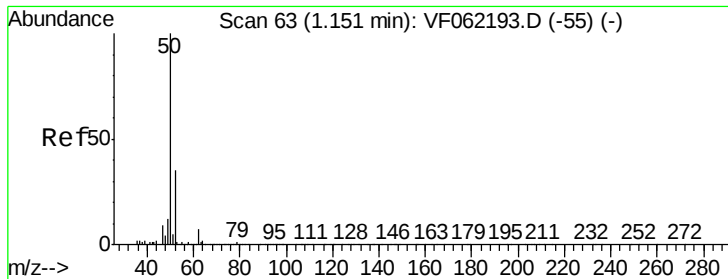
#2
Dichlorodifluoromethane
Concen: 30.207 ug/l
RT: 1.04 min Scan# 51
Delta R.T. 0.03 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion: 85 Resp: 185
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VF0
Ion 86.90 (86.60 to 87.60): VF0





#3

Chloromethane

Concen: 68.403 ug/l

RT: 1.14 min Scan# 61

Delta R.T. -0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

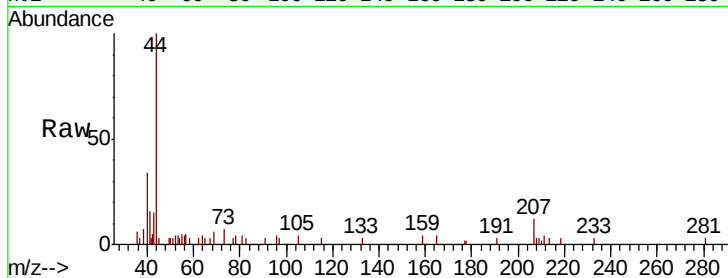
M-COMP-4.18.19

Tot Ion: 50 Resp: 433

Ion Ratio Lower Upper

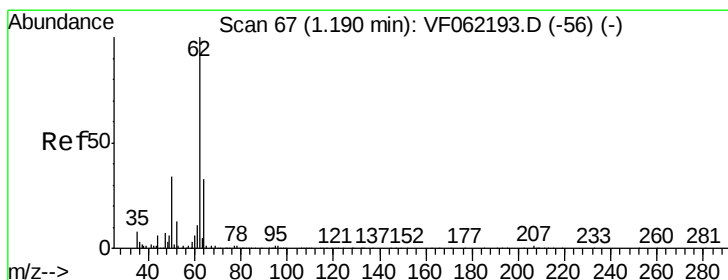
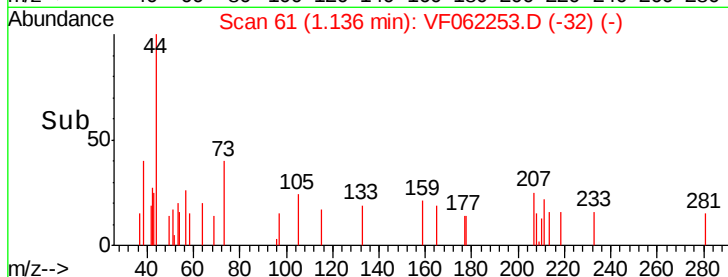
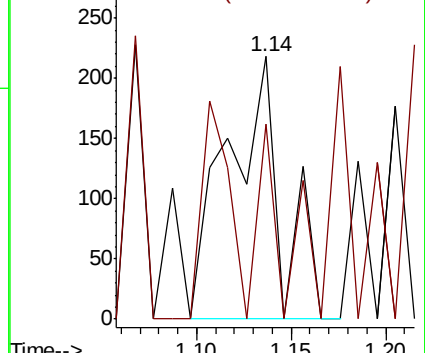
50 100

52 74.3 27.0 40.4#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 12.687 ug/l

RT: 1.20 min Scan# 67

Delta R.T. 0.01 min

Lab File: VF062253.D

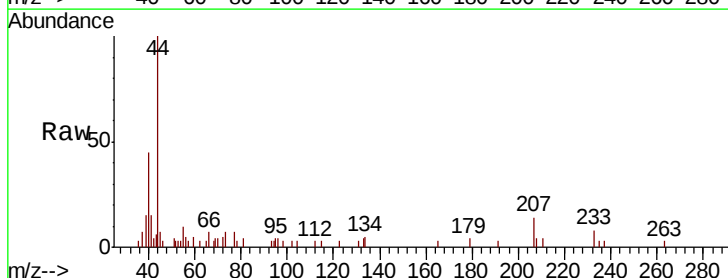
Acq: 22 Apr 2019 19:12

Tgt Ion: 62 Resp: 69

Ion Ratio Lower Upper

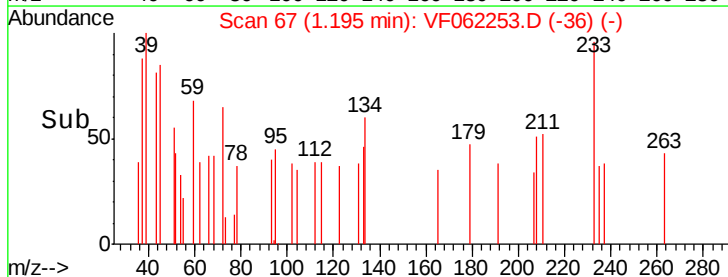
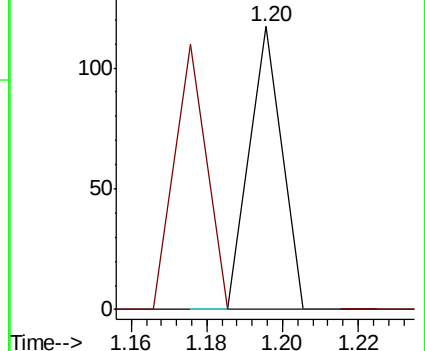
62 100

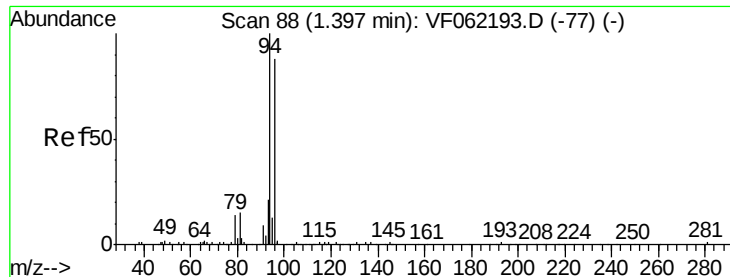
64 0.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 77.232 ug/l

RT: 1.41 min Scan# 89

Delta R.T. 0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

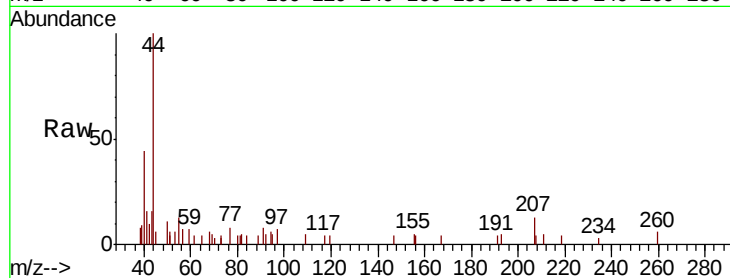
M-COMP-4.18.19

Tot Ion: 94 Resp: 244

Ion Ratio Lower Upper

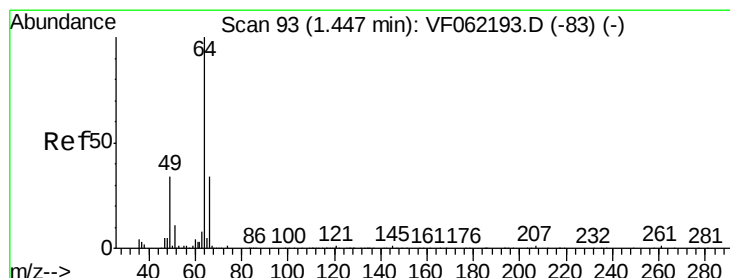
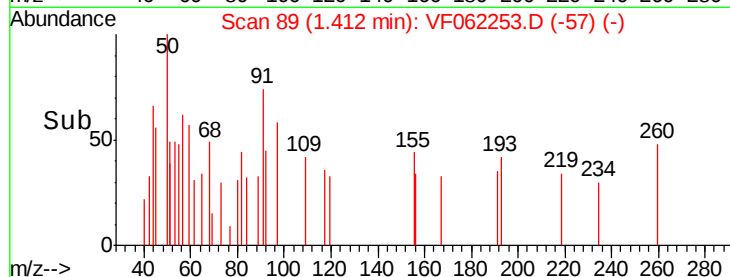
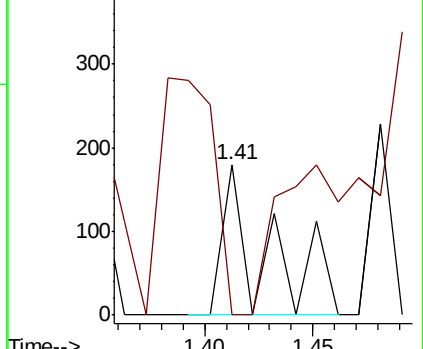
94 100

96 0.0 70.2 105.4#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0



#6

Chloroethane

Concen: 27.270 ug/l

RT: 1.58 min Scan# 106

Delta R.T. 0.13 min

Lab File: VF062253.D

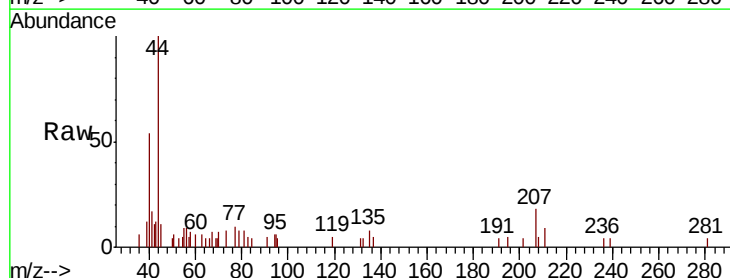
Acq: 22 Apr 2019 19:12

Tgt Ion: 64 Resp: 62

Ion Ratio Lower Upper

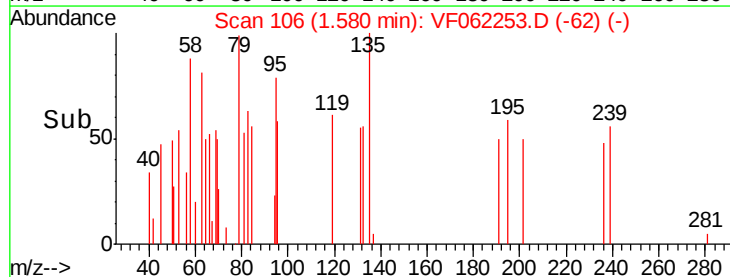
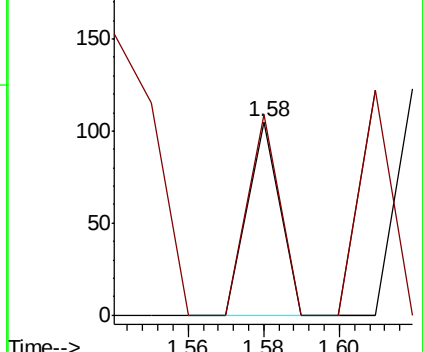
64 100

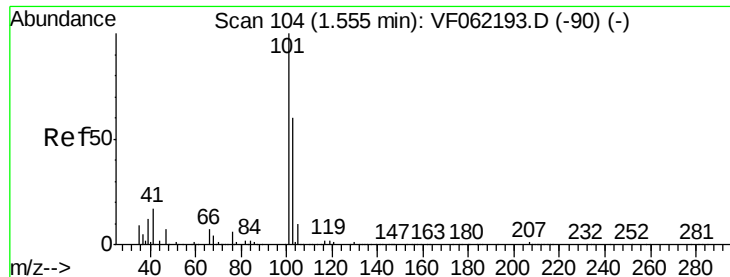
66 103.8 27.0 40.4#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0



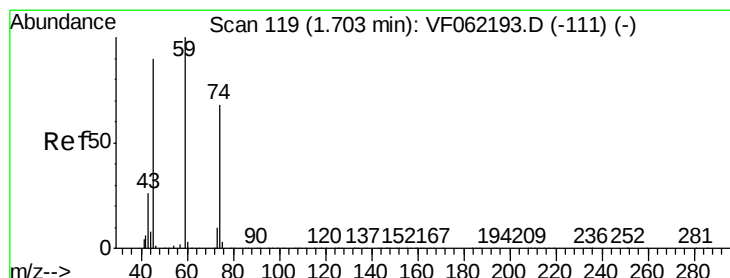
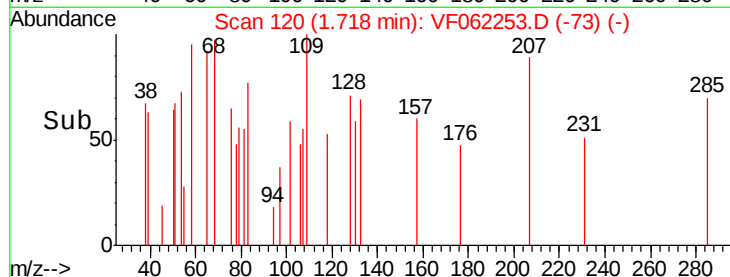
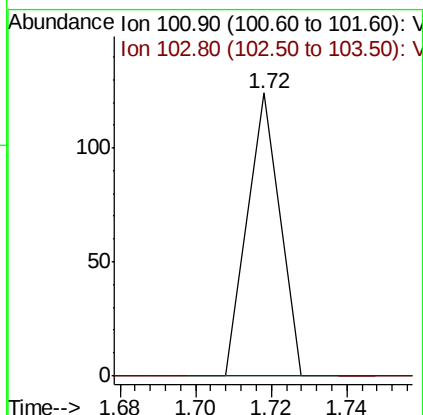
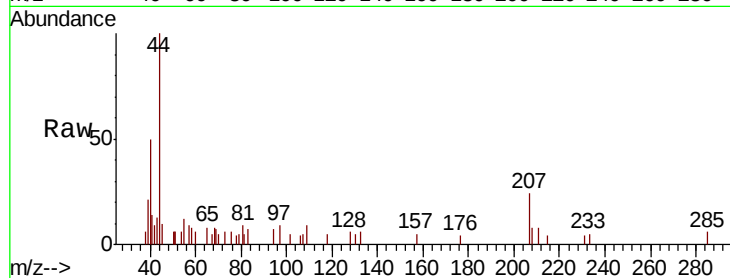


#7

Trichlorofluoromethane
Concen: 10.566 ug/l
RT: 1.72 min Scan# 120
Delta R.T. 0.16 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Instrument :
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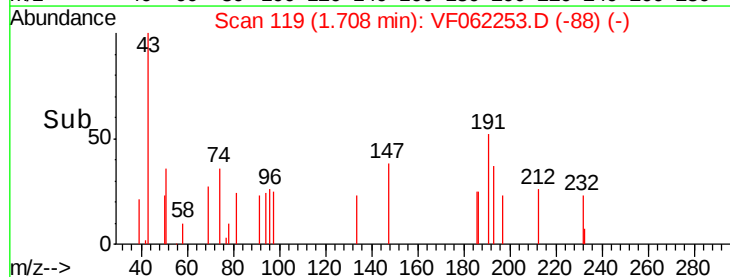
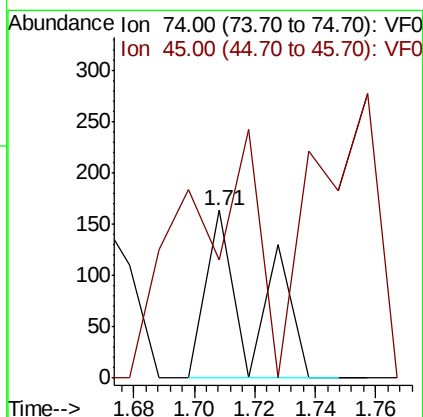
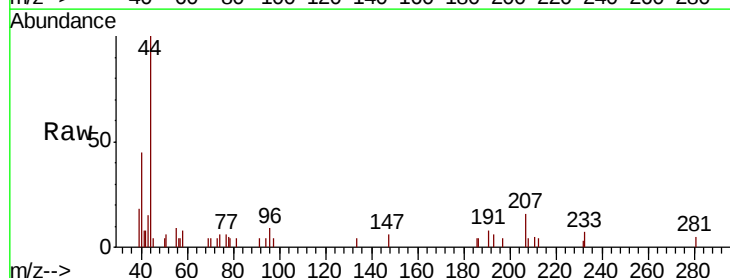
Tot Ion:101 Resp: 73
Ion Ratio Lower Upper
101 100
103 0.0 48.2 72.4#

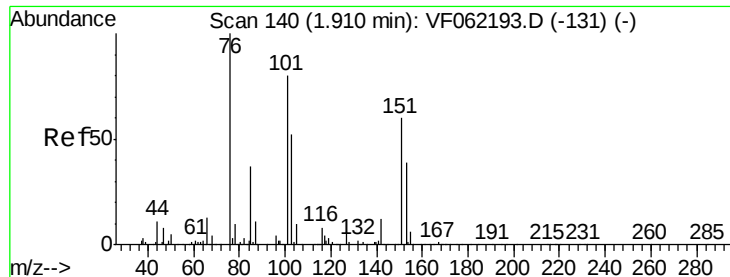


#8

Diethyl Ether
Concen: 120.310 ug/l
RT: 1.71 min Scan# 119
Delta R.T. 0.01 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion: 74 Resp: 173
Ion Ratio Lower Upper
74 100
45 144.5 70.0 210.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.771 ug/l

RT: 1.86 min Scan# 134

Delta R.T. -0.05 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

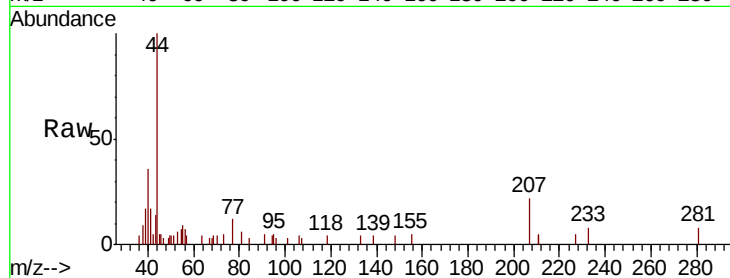
Tot Ion:101 Resp: 65

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

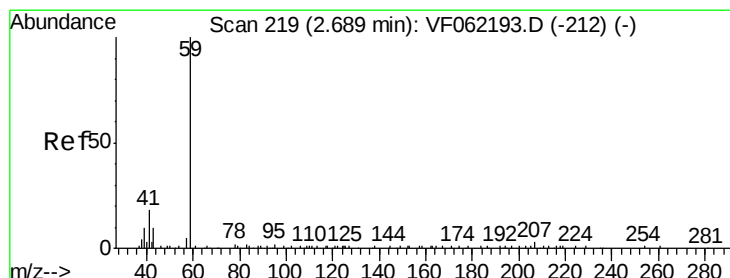
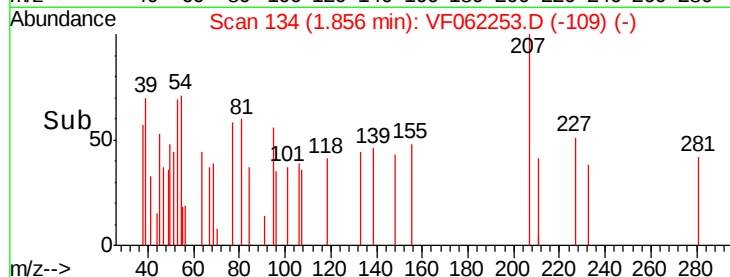
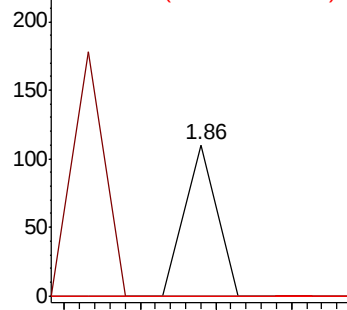
151 0.0 57.5 86.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 638.468 ug/l

RT: 2.72 min Scan# 222

Delta R.T. 0.03 min

Lab File: VF062253.D

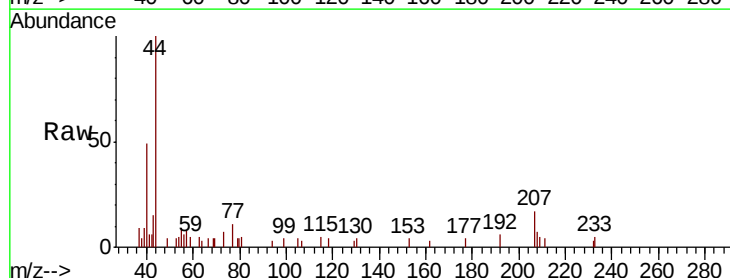
Acq: 22 Apr 2019 19:12

Tgt Ion: 59 Resp: 164

Ion Ratio Lower Upper

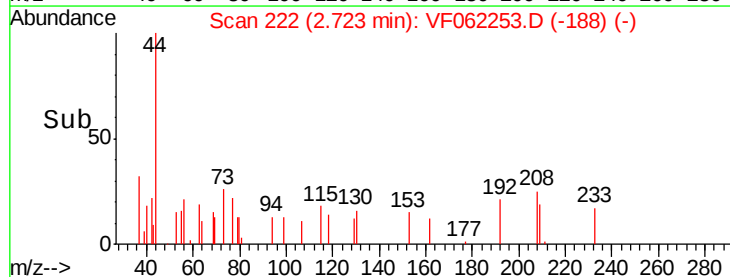
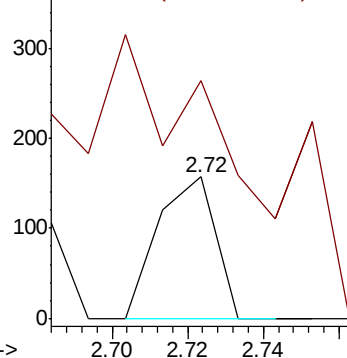
59 100

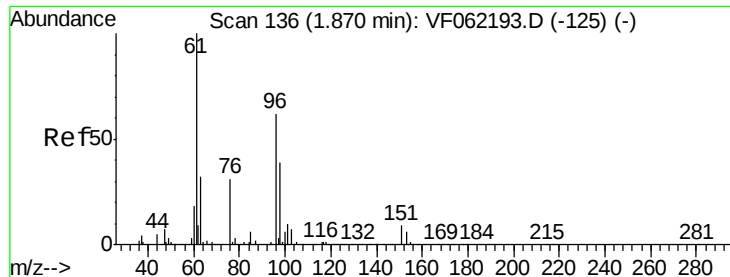
57 675.6 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#12

1,1-Dichloroethene

Concen: 169.516 ug/l

RT: 1.88 min Scan# 136

Delta R.T. 0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

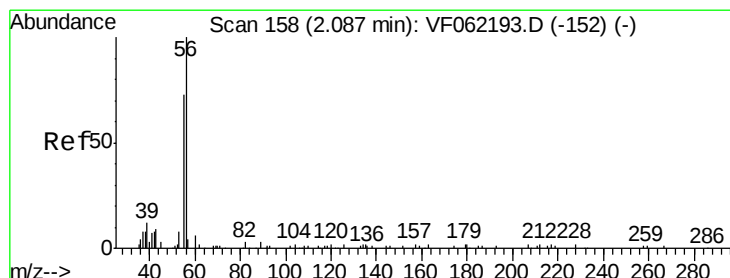
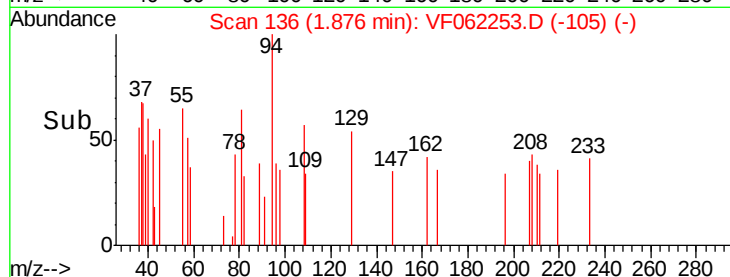
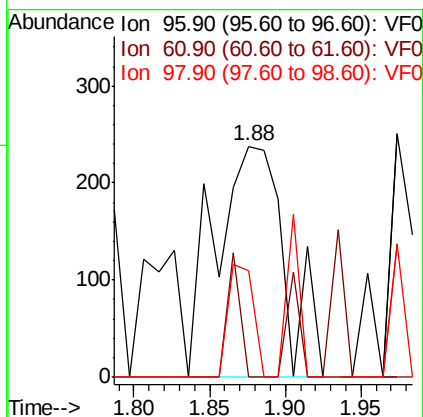
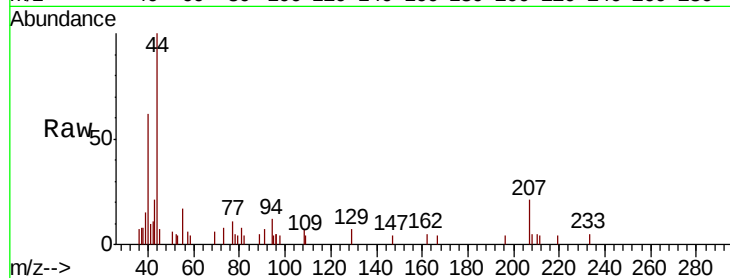
Tot Ion: 96 Resp: 761

Ion Ratio Lower Upper

96 100

61 0.0 129.1 193.7#

98 46.2 50.0 75.0#



#13

Acrolein

Concen: 2669.246 ug/l

RT: 2.04 min Scan# 153

Delta R.T. -0.04 min

Lab File: VF062253.D

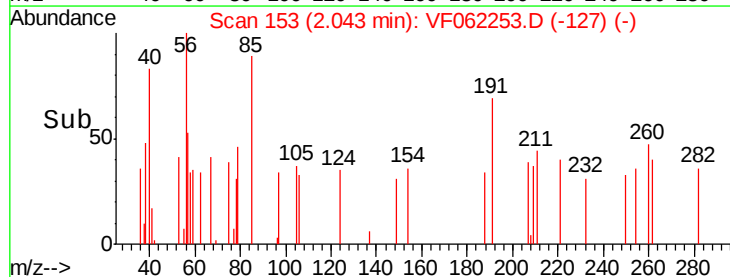
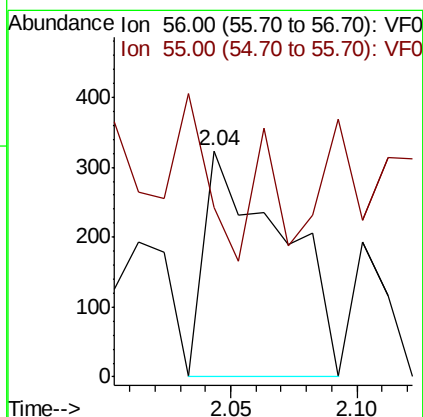
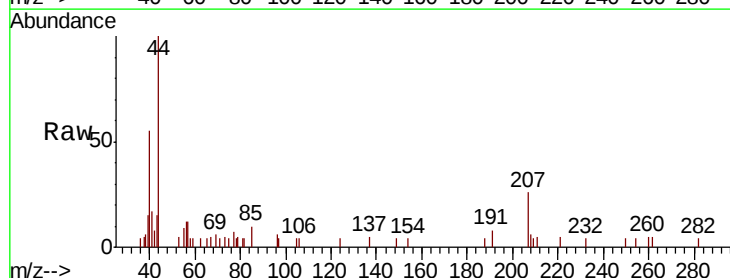
Acq: 22 Apr 2019 19:12

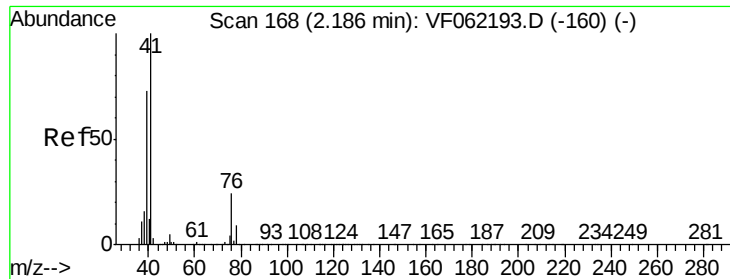
Tgt Ion: 56 Resp: 701

Ion Ratio Lower Upper

56 100

55 18.0 57.4 86.0#

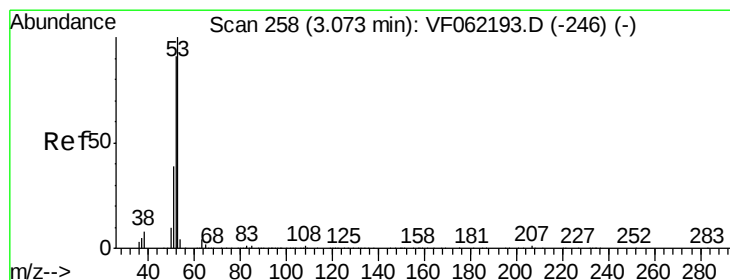
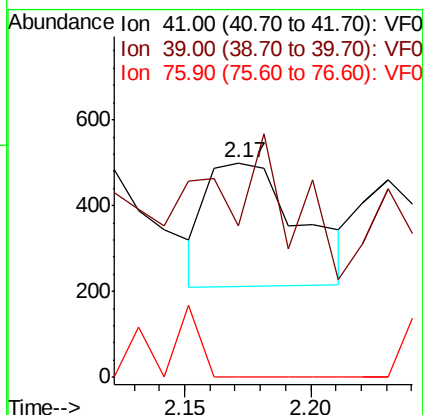
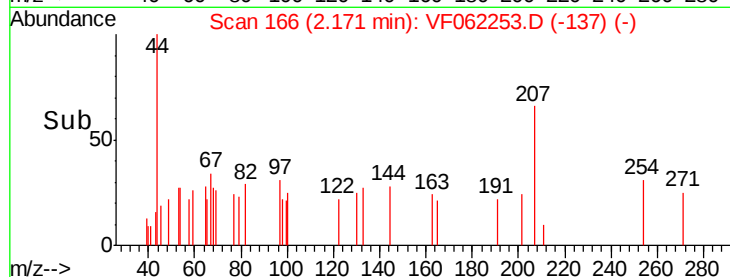
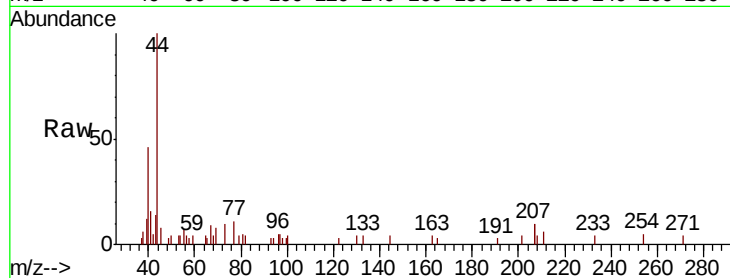




#14
Allvl chloride
Concen: 143.245 ug/l
RT: 2.17 min Scan# 166
Delta R.T. -0.01 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

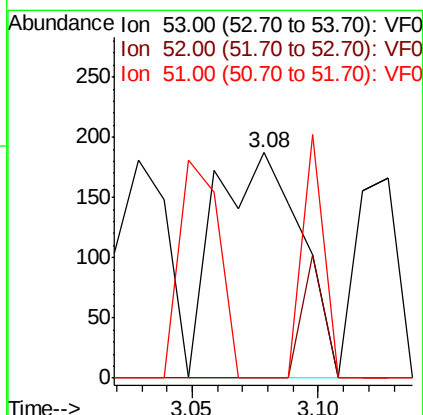
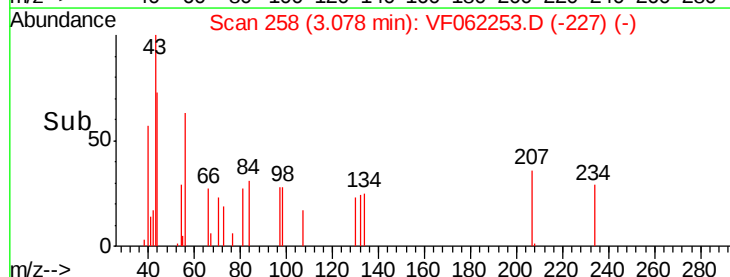
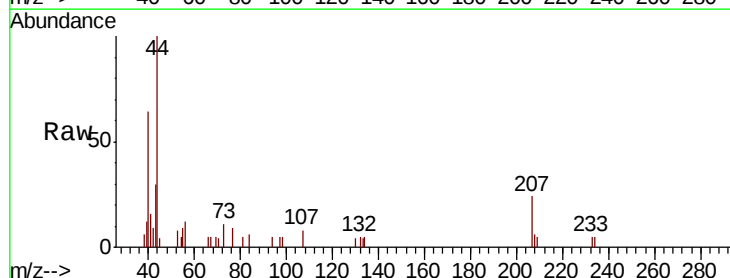
Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

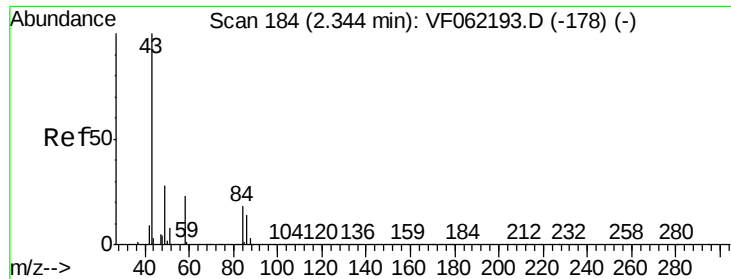
Tot Ion: 41 Resp: 738
Ion Ratio Lower Upper
41 100
39 0.0 60.0 90.0#
76 0.0 20.6 30.8#



#15
Acrylonitrile
Concen: 564.965 ug/l
RT: 3.08 min Scan# 258
Delta R.T. 0.01 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion: 53 Resp: 442
Ion Ratio Lower Upper
53 100
52 13.6 69.5 104.3#
51 27.1 31.8 47.8#

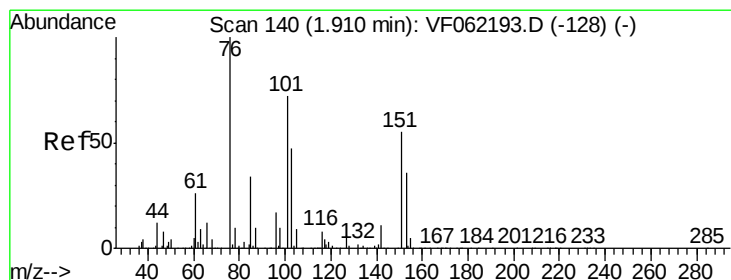
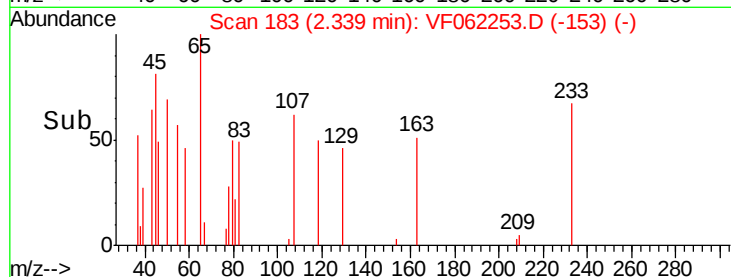
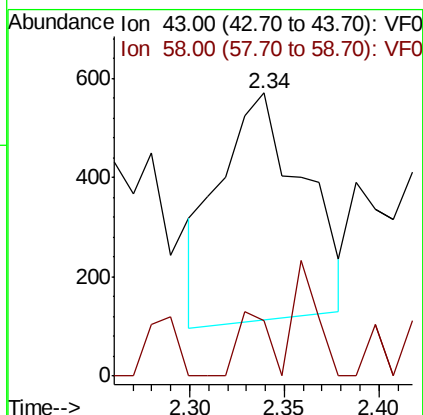
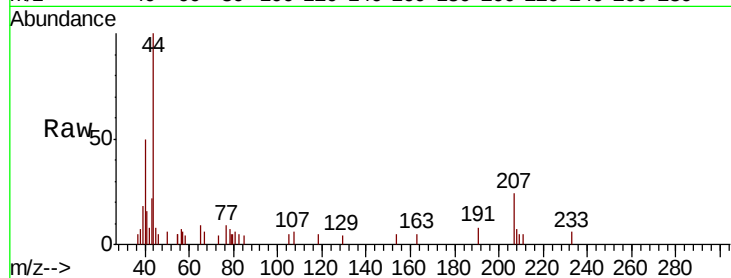




#16
Acetone
Concen: 1596.334 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

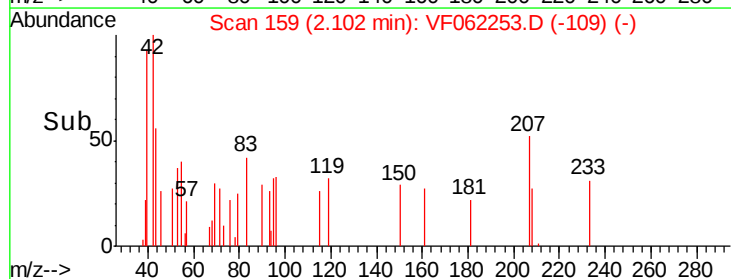
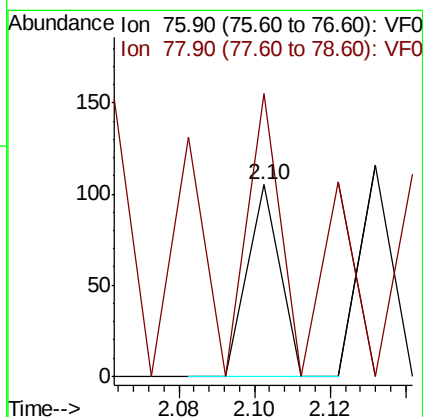
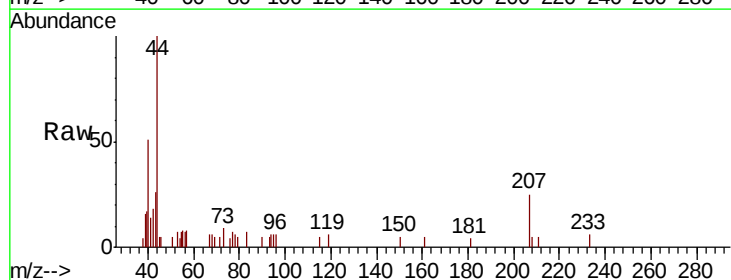
Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

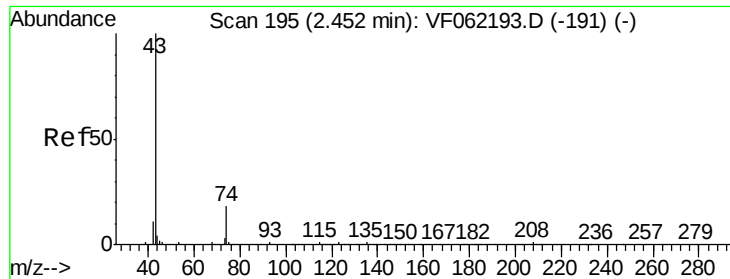
Tot Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
58 33.5 18.8 28.2#



#17
Carbon Disulfide
Concen: 4.970 ug/l
RT: 2.10 min Scan# 159
Delta R.T. 0.19 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion: 76 Resp: 62
Ion Ratio Lower Upper
76 100
78 45.7 8.7 13.1#

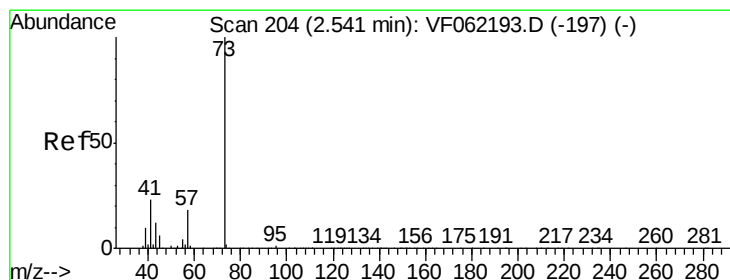
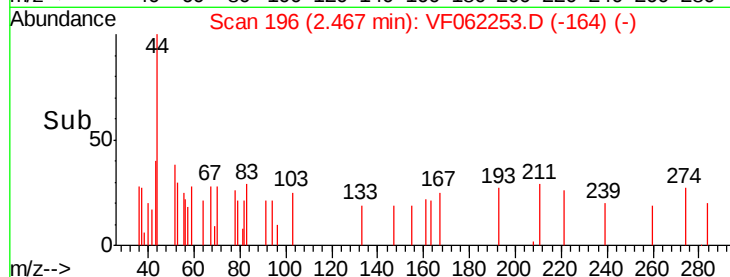
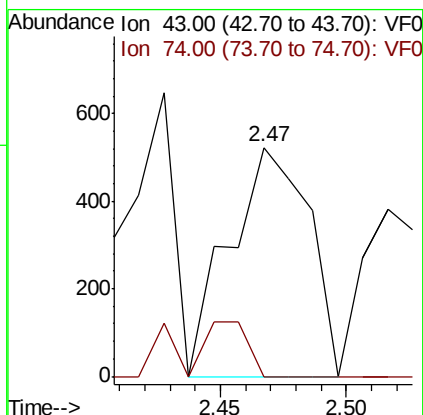
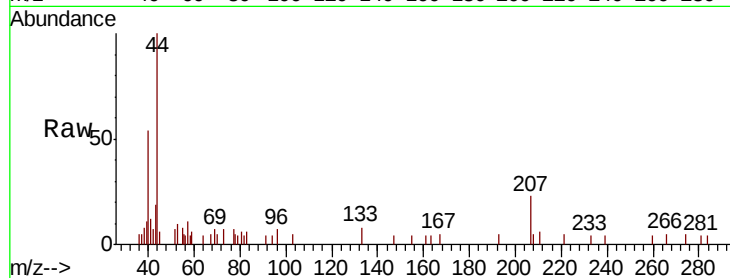




#18
Methyl Acetate
Concen: 678.256 ug/l
RT: 2.47 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

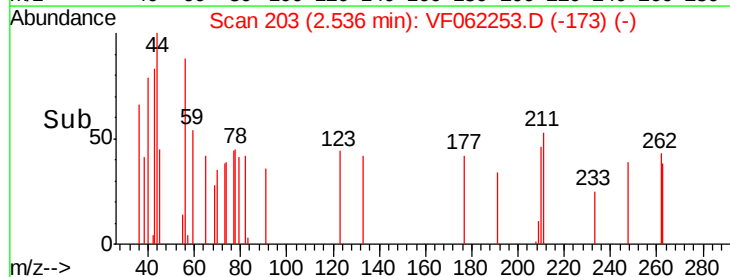
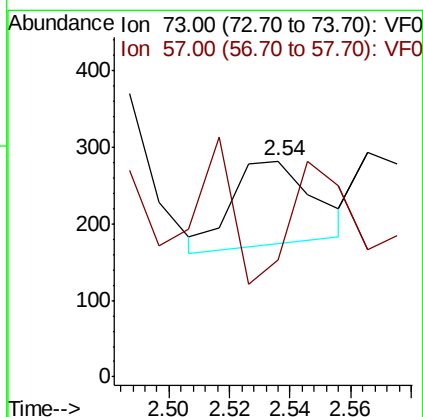
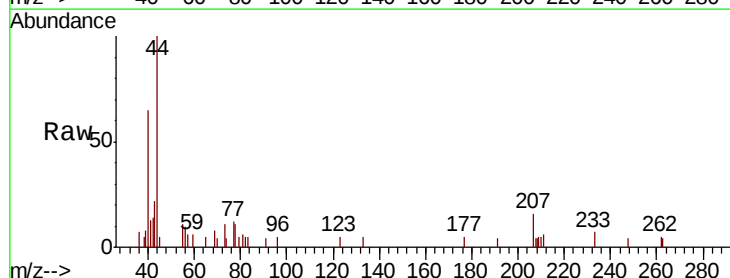
Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

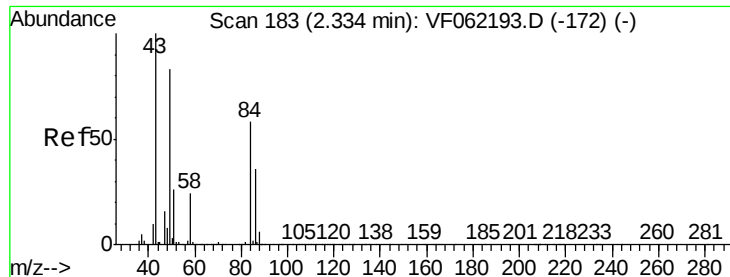
Tot Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
74 19.0 14.5 21.7



#19
Methyl tert-butyl Ether
Concen: 26.242 ug/l
RT: 2.54 min Scan# 203
Delta R.T. -0.00 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion: 73 Resp: 208
Ion Ratio Lower Upper
73 100
57 0.0 15.1 22.7#

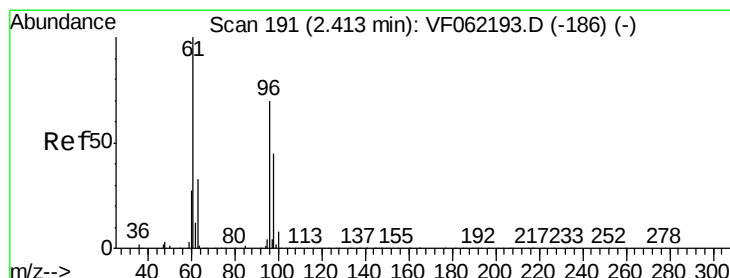
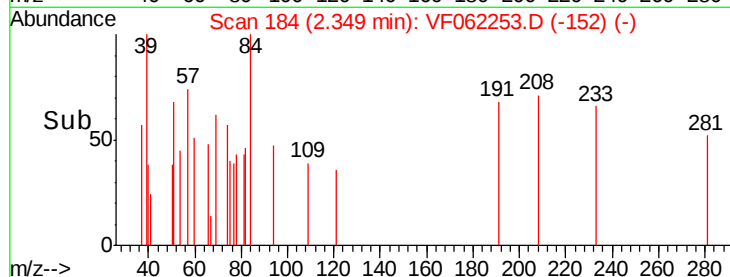
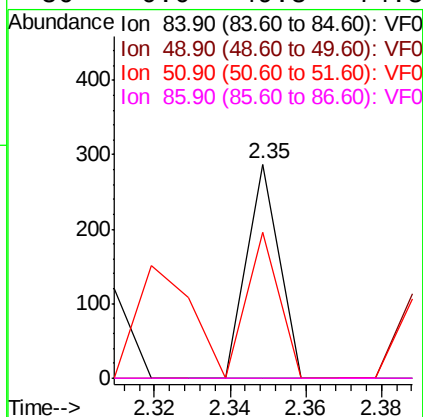
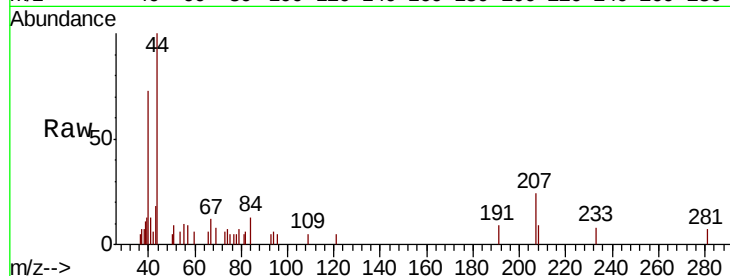




#20
Methvlene Chloride
Concen: 37.640 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.02 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

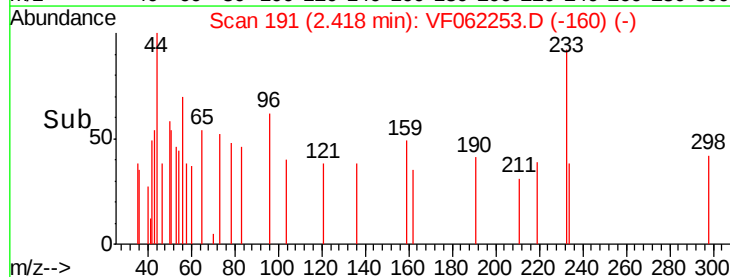
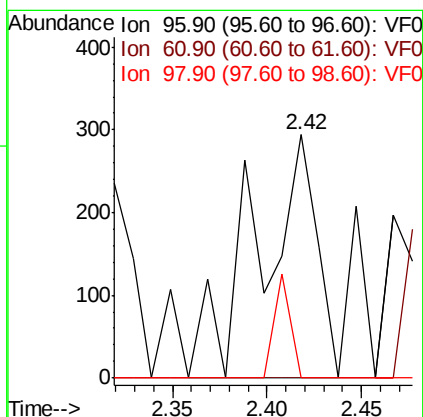
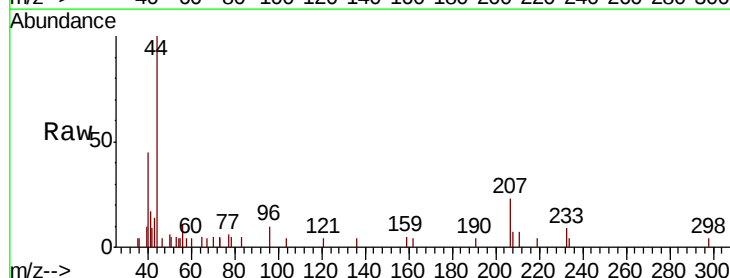
Instrument :
MSVOA_F
ClientSampled :
M-COMP-4.18.19

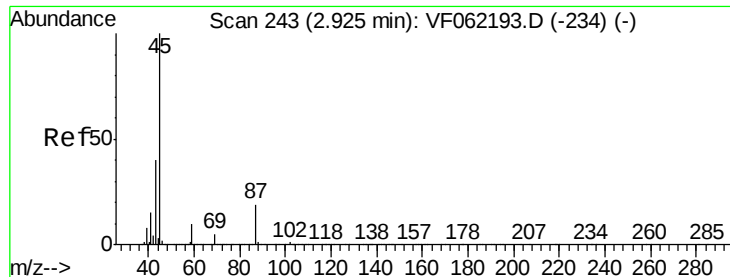
Tot Ion: 84 Resp: 170
Ion Ratio Lower Upper
84 100
49 0.0 114.0 171.0#
51 67.9 37.0 55.4#
86 0.0 49.8 74.8#



#21
trans-1,2-Dichloroethene
Concen: 144.611 ug/l
RT: 2.42 min Scan# 191
Delta R.T. 0.01 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion: 96 Resp: 642
Ion Ratio Lower Upper
96 100
61 0.0 114.6 172.0#
98 0.0 51.2 76.8#





#22

Diisopropyl ether

Concen: 28.986 ug/l

RT: 2.93 min Scan# 243

Delta R.T. 0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

Tot Ion: 45 Resp: 382

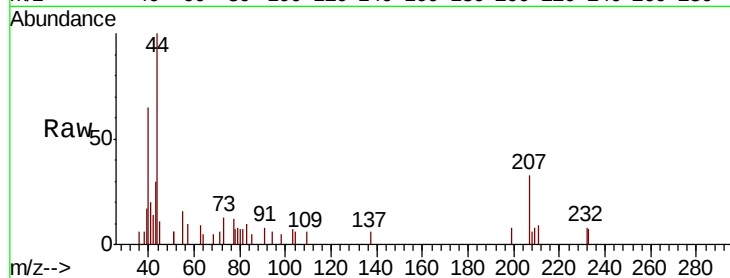
Ion Ratio Lower Upper

45 100

43 130.7 32.8 49.2#

87 0.0 15.2 22.8#

59 0.0 7.8 11.6#



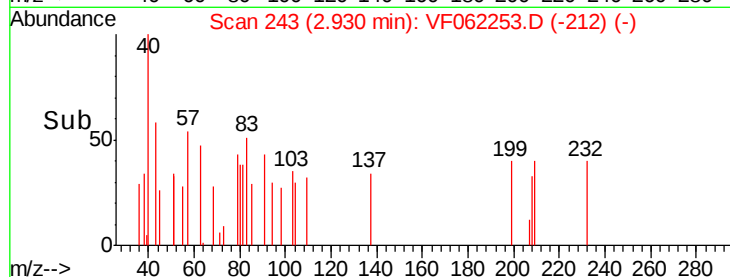
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0

Time-->



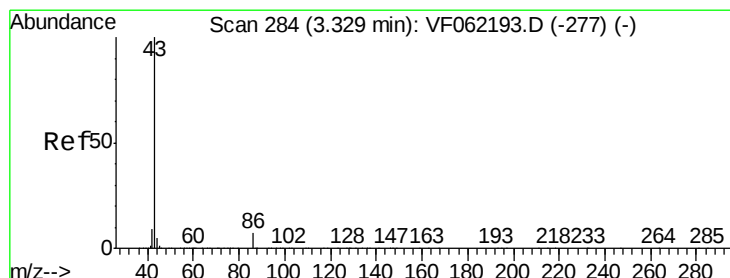
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0

Time-->



#23

Vinyl Acetate

Concen: 83.930 ug/l

RT: 3.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: VF062253.D

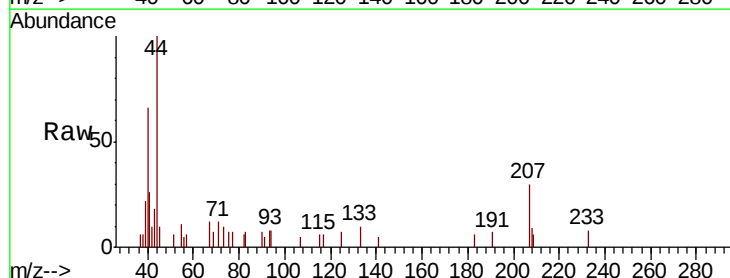
Acq: 22 Apr 2019 19:12

Tgt Ion: 43 Resp: 527

Ion Ratio Lower Upper

43 100

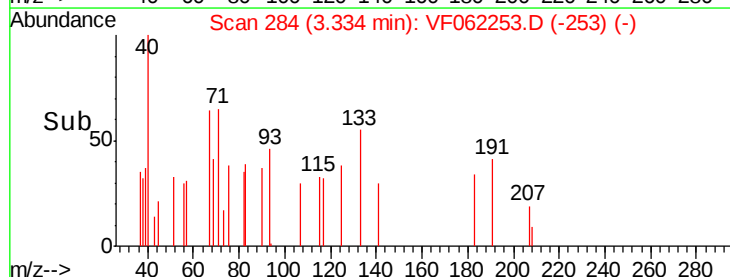
86 0.0 5.9 8.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

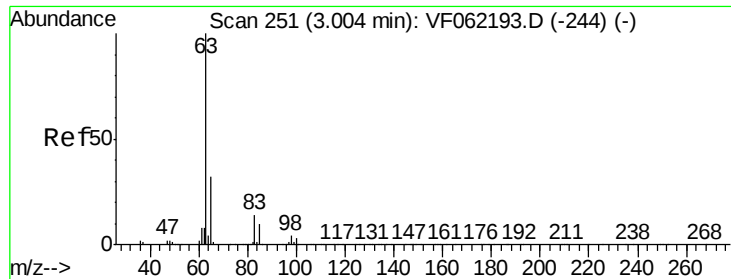
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

Time-->



#24

1,1-Dichloroethane

Concen: 14.010 ug/l

RT: 2.97 min Scan# 247

Delta R.T. -0.03 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

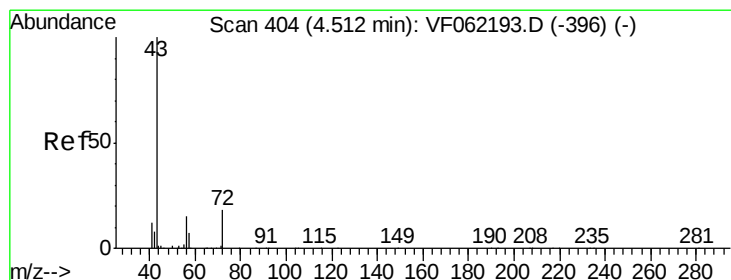
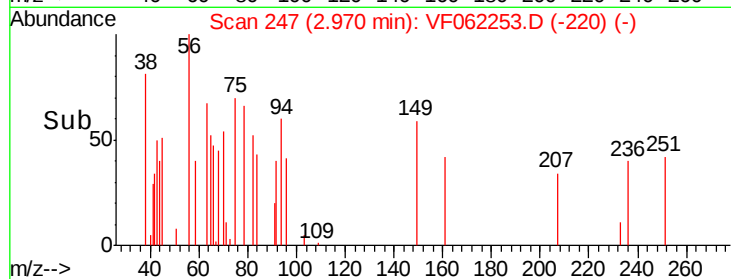
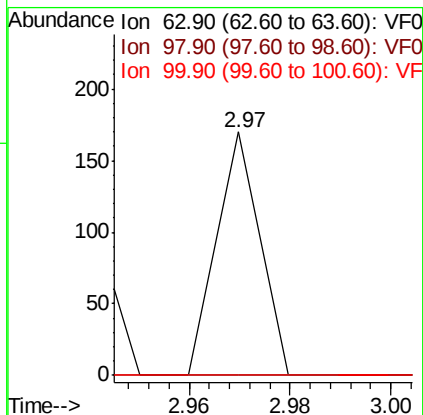
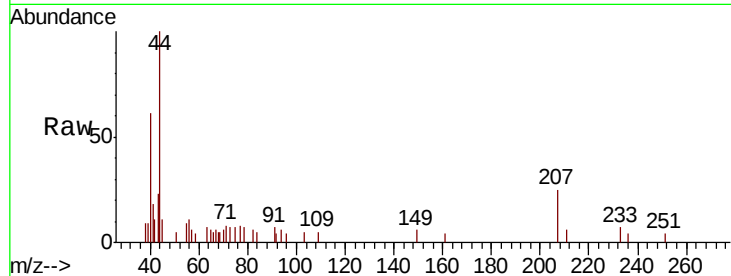
Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

Tot Ion:	63	Resp:	101
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.8#
100	0.0	1.7	5.0#



#25

2-Butanone

Concen: 853.838 ug/l

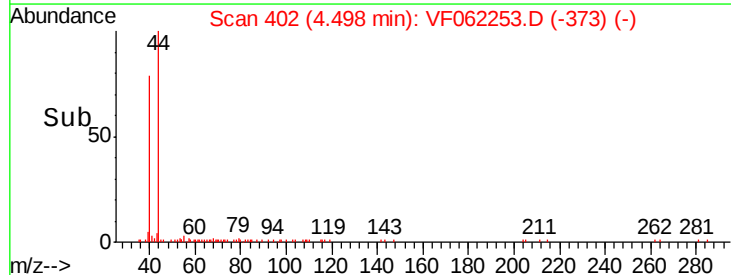
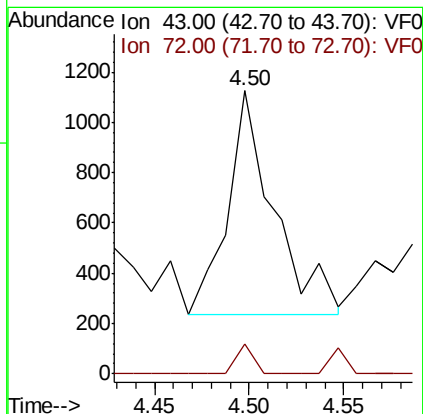
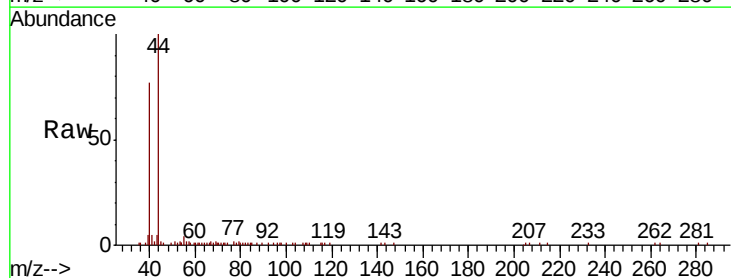
RT: 4.50 min Scan# 402

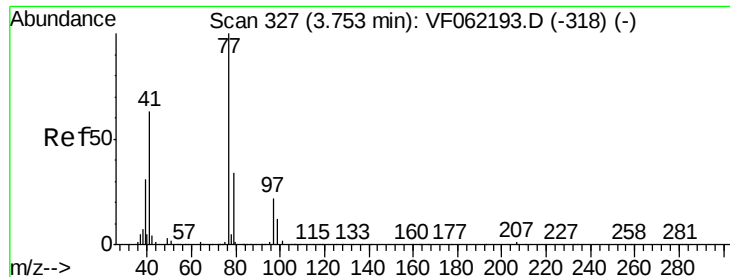
Delta R.T. -0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Tgt Ion:	43	Resp:	1508
Ion	Ratio	Lower	Upper
43	100		
72	13.3	16.1	24.1#





#26

2,2-Dichloropropane

Concen: 129.679 ug/l

RT: 3.73 min Scan# 324

Delta R.T. -0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

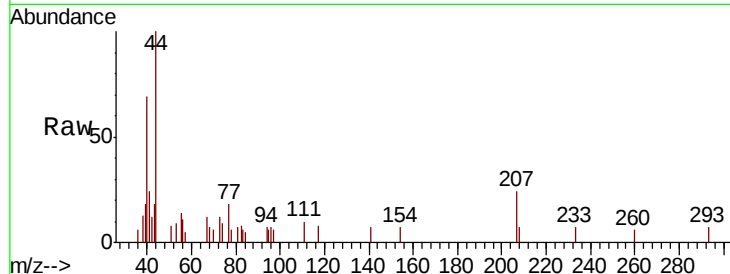
M-COMP-4.18.19

Tot Ion: 77 Resp: 472

Ion Ratio Lower Upper

77 100

97 15.5 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0

3.73

300

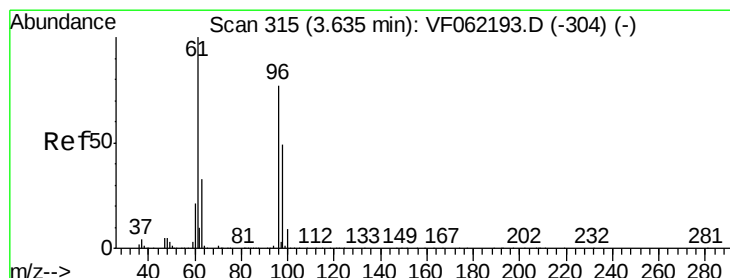
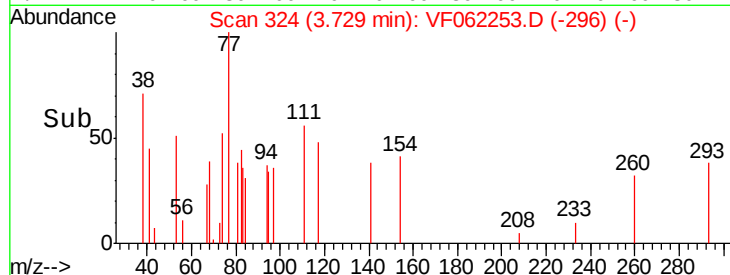
200

100

0

3.70 3.75 3.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 70.794 ug/l

RT: 3.67 min Scan# 318

Delta R.T. 0.03 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

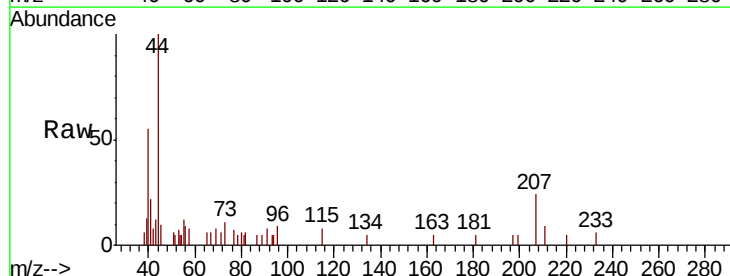
Tgt Ion: 96 Resp: 407

Ion Ratio Lower Upper

96 100

61 0.0 0.0 253.6

98 0.0 0.0 124.8



Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

250

200

150

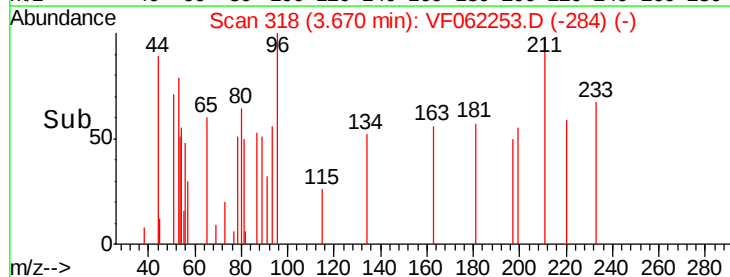
100

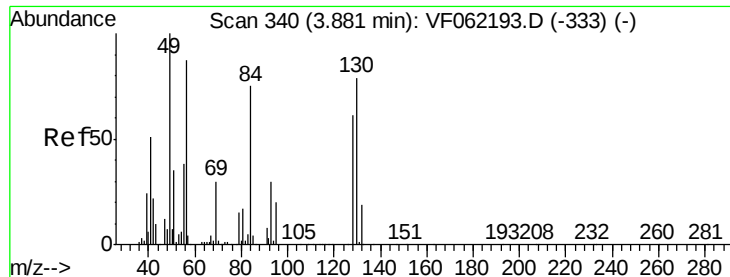
50

0

3.60 3.65 3.70

Time-->





#28

Bromochloromethane

Concen: 19.401 ug/l

RT: 3.84 min Scan# 335

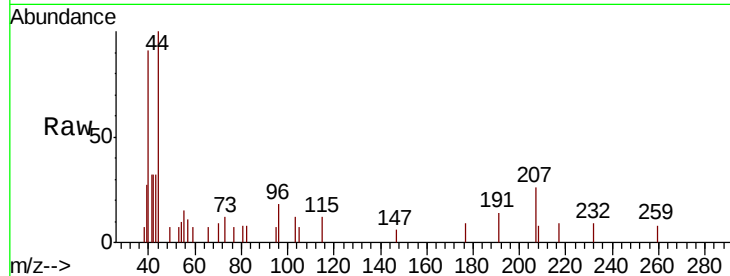
Delta R.T. -0.04 min

Lab File: VF062253.D

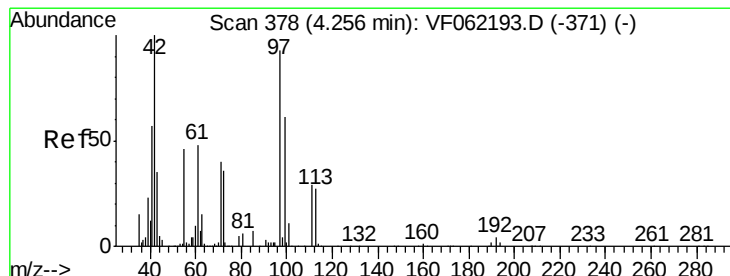
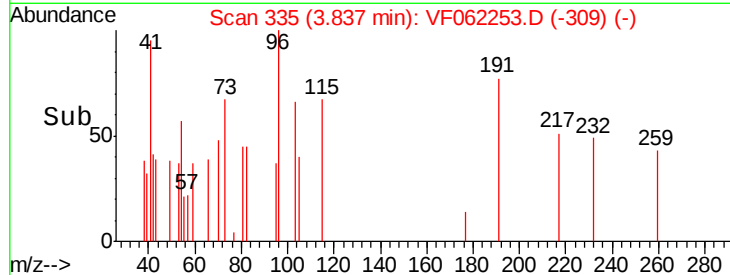
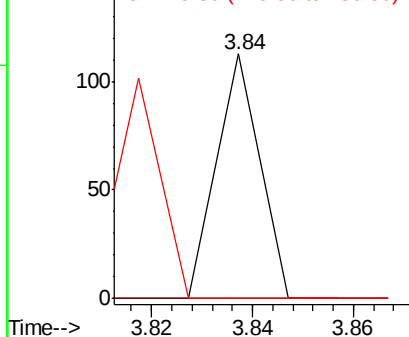
Acq: 22 Apr 2019 19:12

Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

Tot Ion:	49	Resp:	67
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	66.6	100.0#



Abundance Ion 48.90 (48.60 to 49.60): VF0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 652.975 ug/l

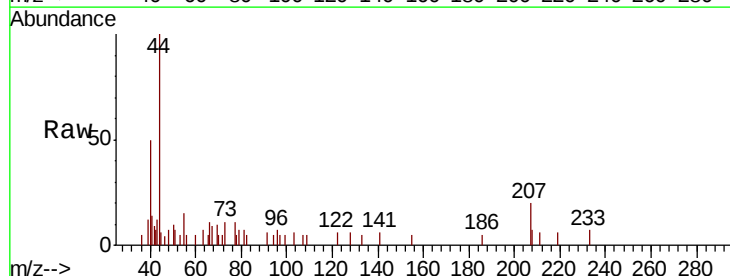
RT: 4.27 min Scan# 379

Delta R.T. 0.02 min

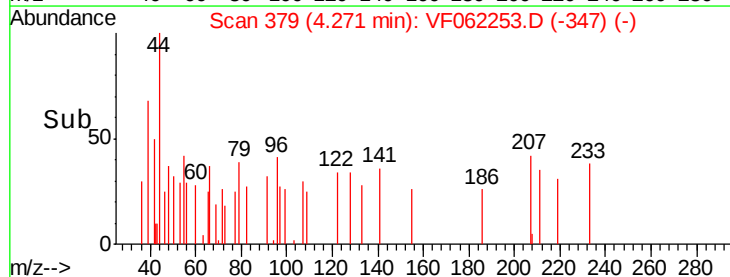
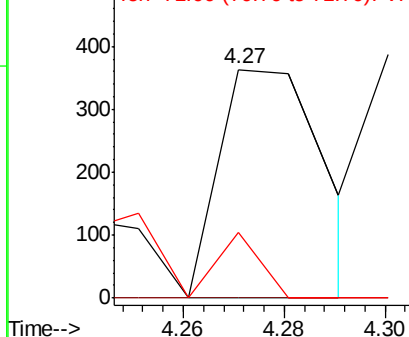
Lab File: VF062253.D

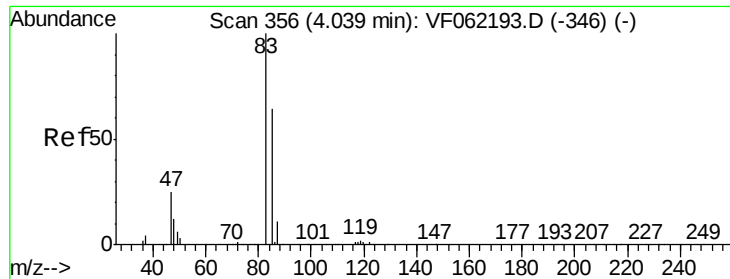
Acq: 22 Apr 2019 19:12

Tgt Ion:	42	Resp:	522
Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.6	43.0#
71	40.0	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

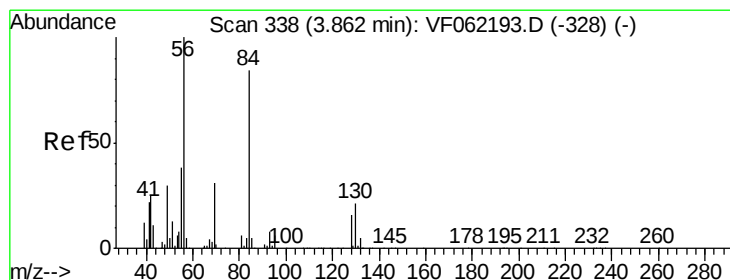
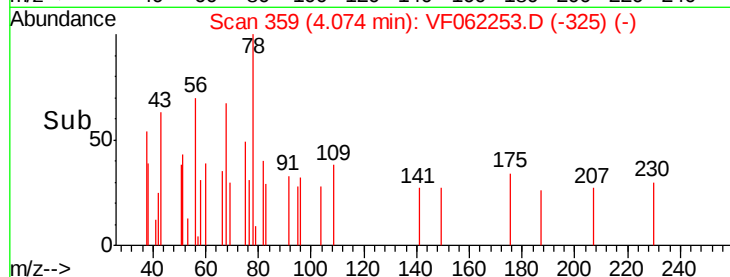
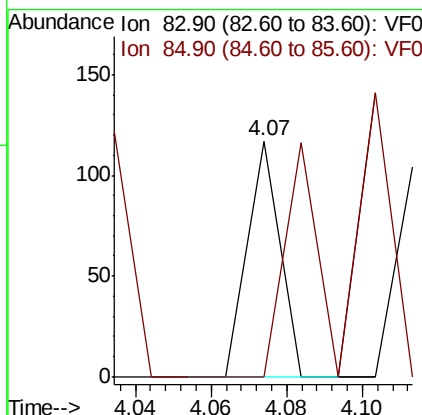
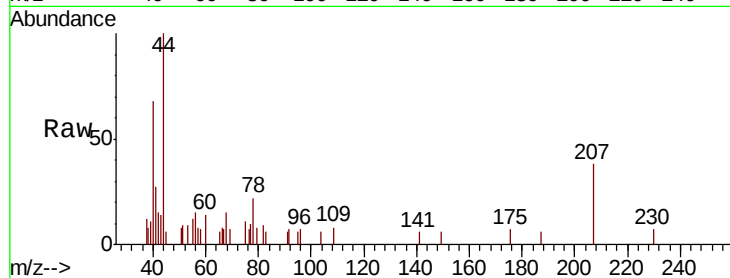




#30
Chloroform
Concen: 7.788 ug/l
RT: 4.07 min Scan# 359
Delta R.T. 0.03 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

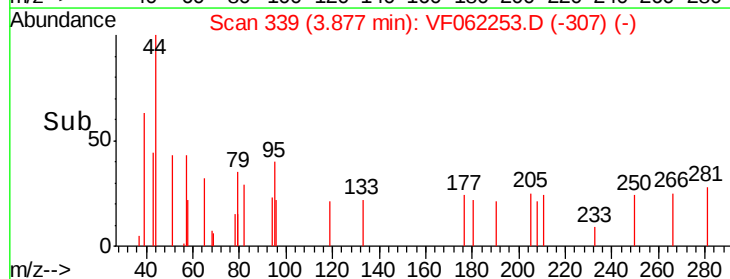
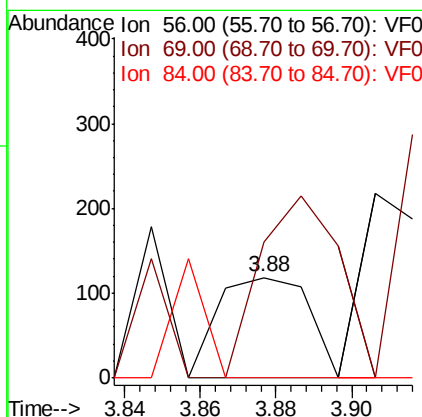
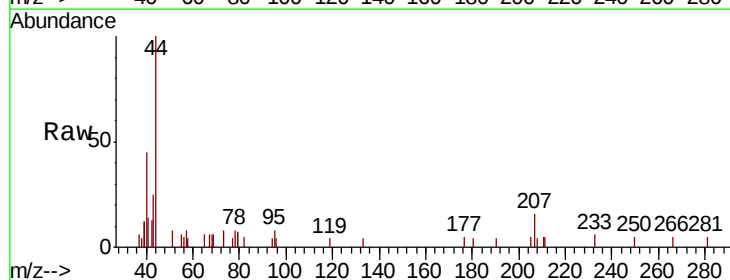
Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

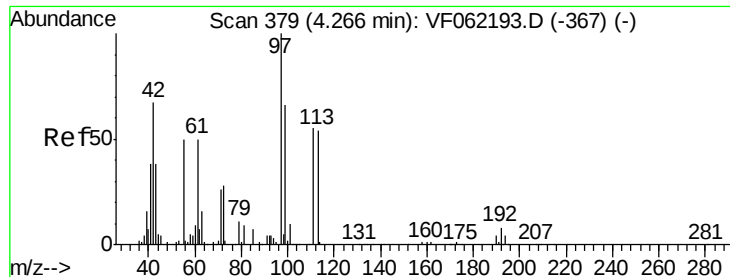
Tot Ion: 83 Resp: 69
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#31
Cyclohexane
Concen: 22.686 ug/l
RT: 3.88 min Scan# 339
Delta R.T. 0.02 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
69 135.6 25.1 37.7#
84 0.0 67.8 101.6#





#32

1,1,1-Trichloroethane

Concen: 20.816 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

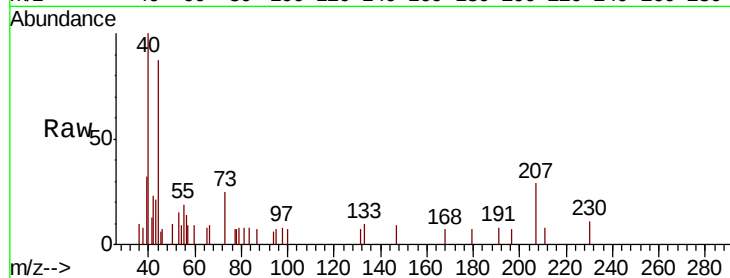
Tot Ion: 97 Resp: 135

Ion Ratio Lower Upper

97 100

99 45.9 52.7 79.1#

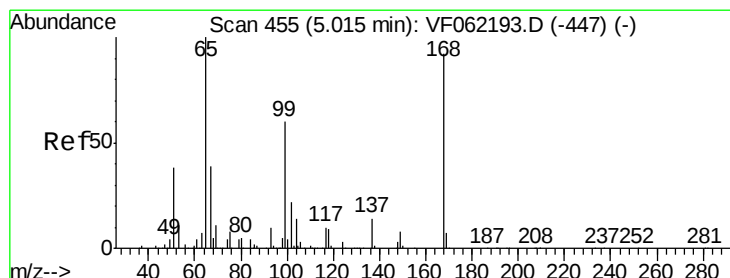
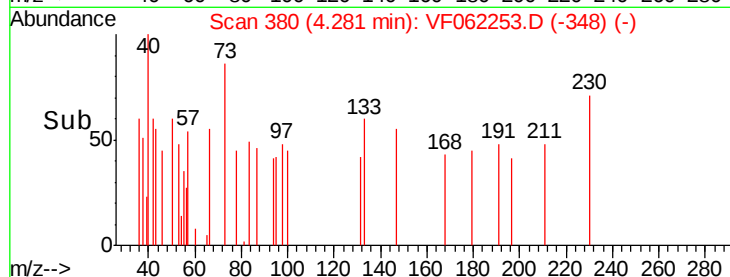
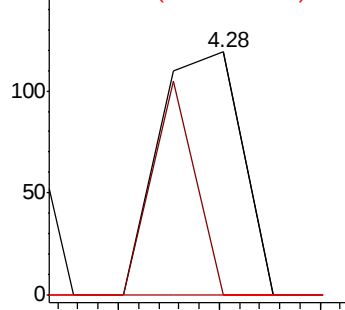
61 0.0 53.0 79.4#



Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 20.816 ug/l

RT: 4.85 min Scan# 438

Delta R.T. -0.16 min

Lab File: VF062253.D

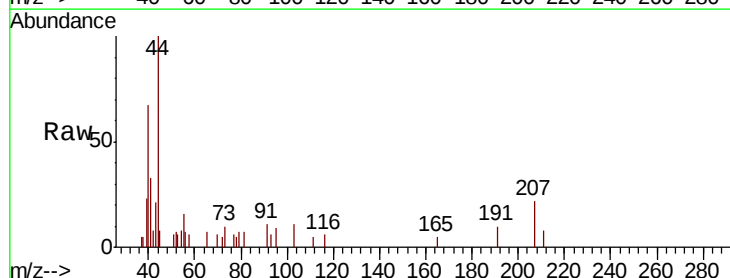
Acq: 22 Apr 2019 19:12

Tgt Ion: 65 Resp: 159

Ion Ratio Lower Upper

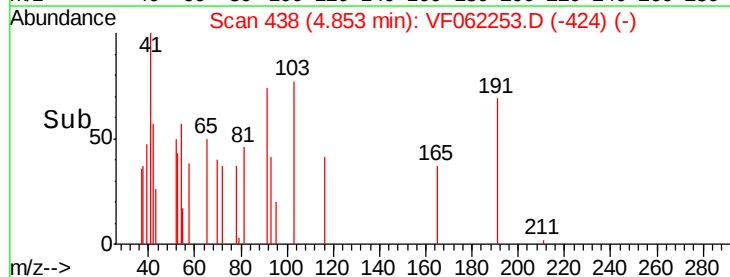
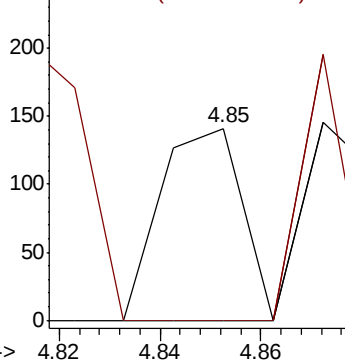
65 100

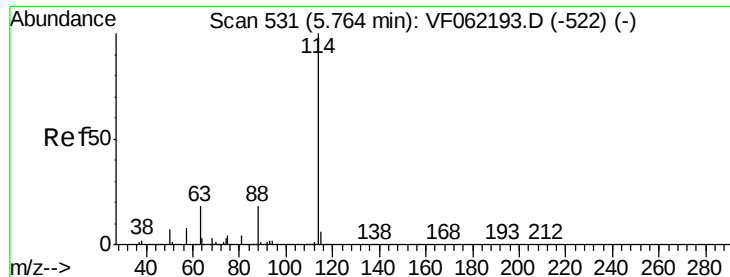
67 72.3 0.0 109.4



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: 5.78 min Scan# 532

Delta R.T. 0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

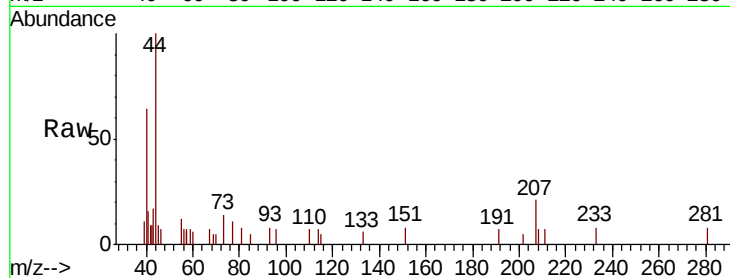
Tot Ion:114 Resp: 85

Ion Ratio Lower Upper

114 100

63 0.0 0.0 36.6

88 0.0 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

200

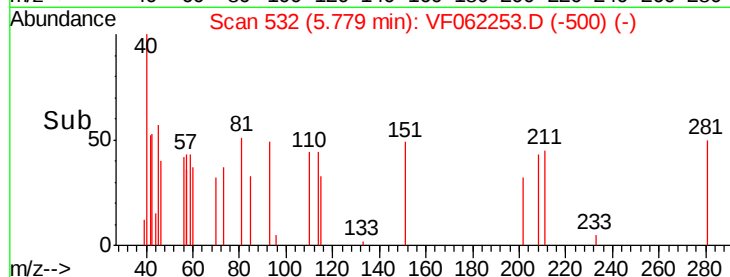
150

100

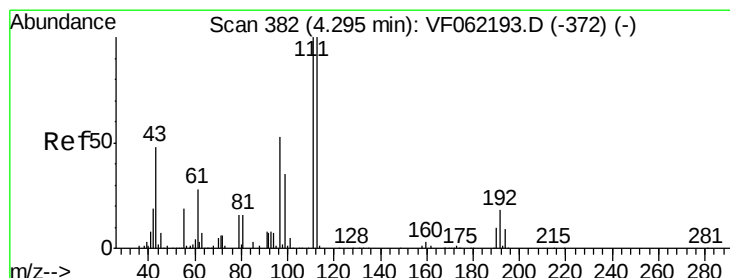
50

0

5.74 5.76 5.78 5.80



Time-->



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

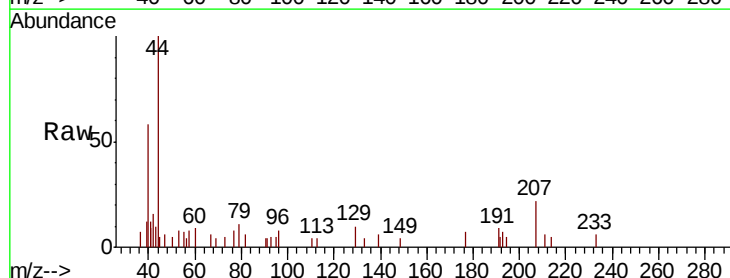
Tgt Ion:113 Resp: 63

Ion Ratio Lower Upper

113 100

111 0.0 81.1 121.7#

192 122.2 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

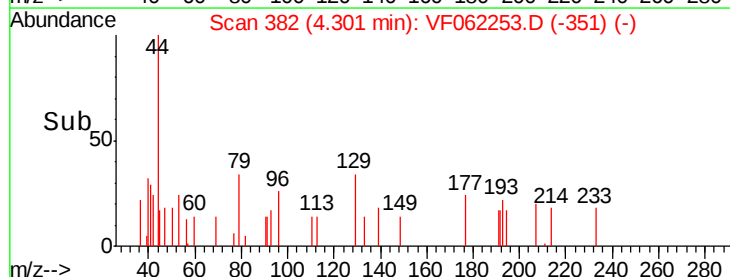
150

100

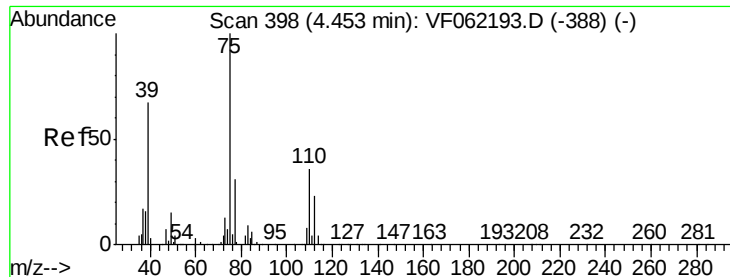
50

0

4.28 4.30 4.32



Time-->



#36

1,1-Dichloropropene

Concen: 148.169 ug/l

RT: 4.46 min Scan# 398

Delta R.T. 0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

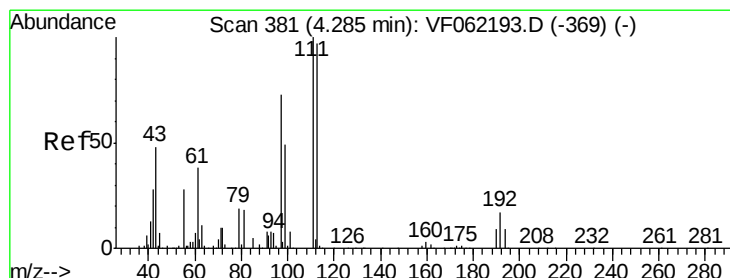
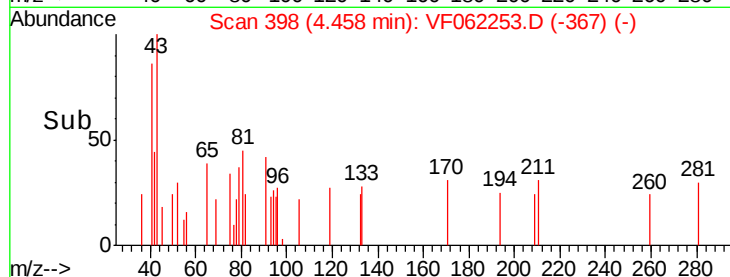
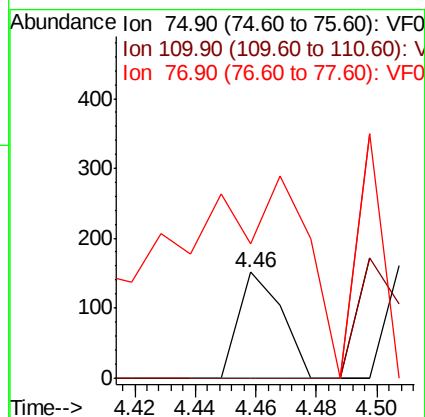
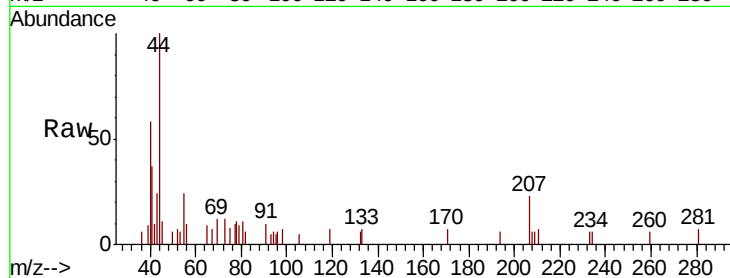
Tot Ion: 75 Resp: 151

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.2#

77 519.9 25.4 38.2#



#37

Ethyl Acetate

Concen: 783.954 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.04 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

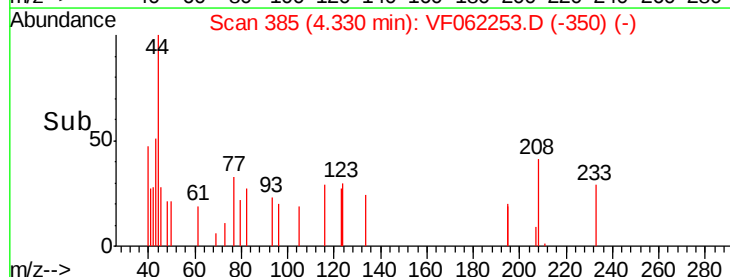
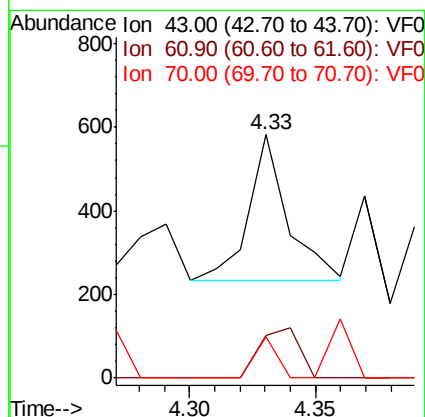
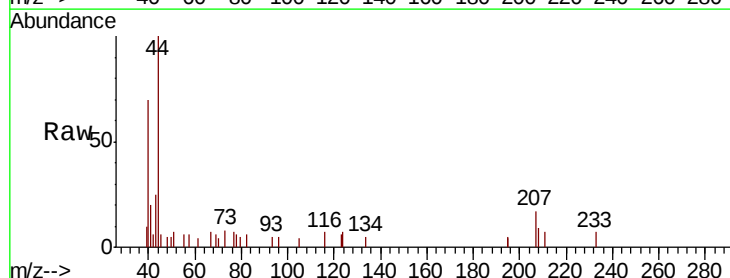
Tgt Ion: 43 Resp: 377

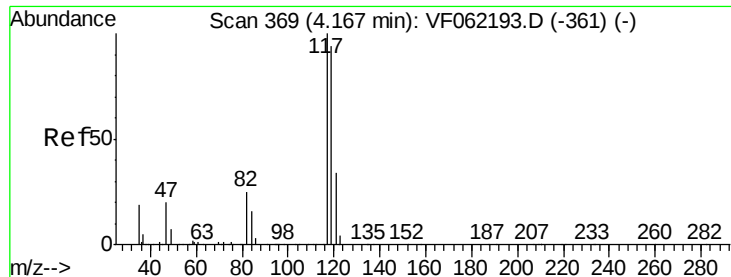
Ion Ratio Lower Upper

43 100

61 35.0 0.0 0.0#

70 15.6 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 179.591 ug/l

RT: 4.10 min Scan# 362

Delta R.T. -0.06 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

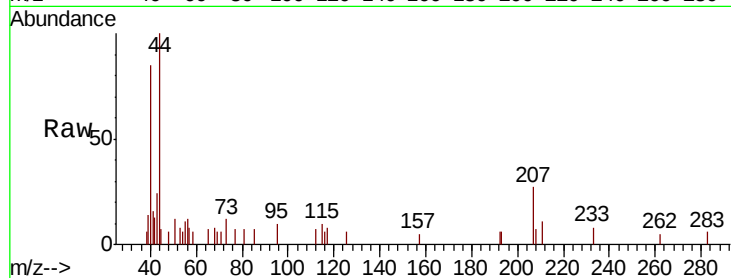
Tot Ion:117 Resp: 162

Ion Ratio Lower Upper

117 100

119 0.0 75.0 112.4#

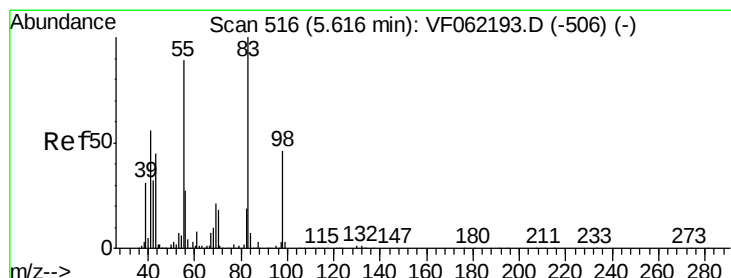
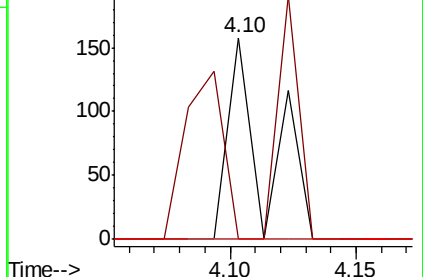
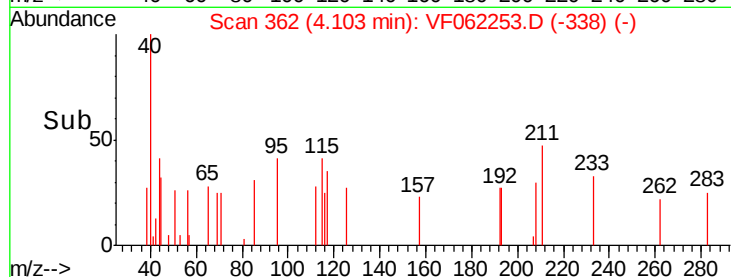
121 0.0 26.9 40.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 120.474 ug/l

RT: 5.63 min Scan# 517

Delta R.T. 0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

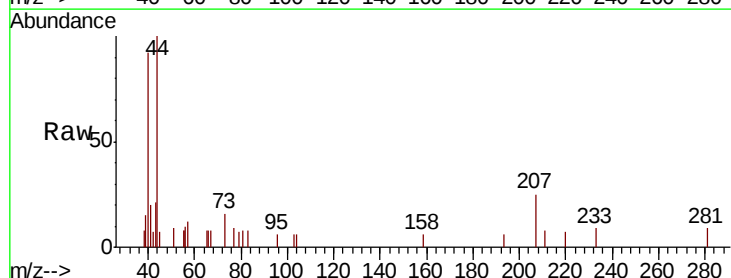
Tgt Ion: 83 Resp: 147

Ion Ratio Lower Upper

83 100

55 37.4 71.0 106.6#

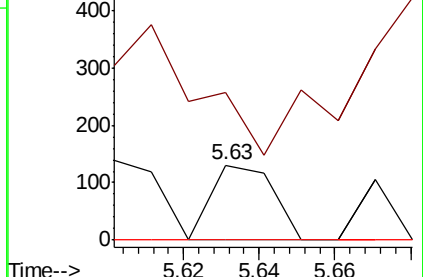
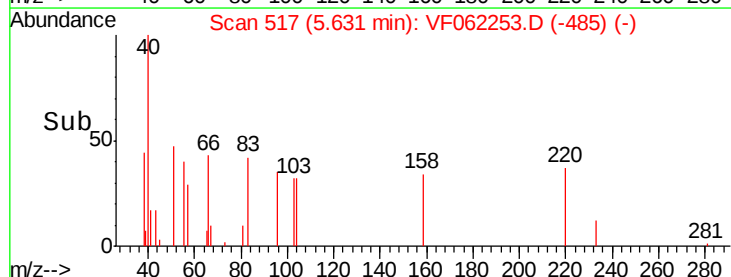
98 0.0 36.7 55.1#

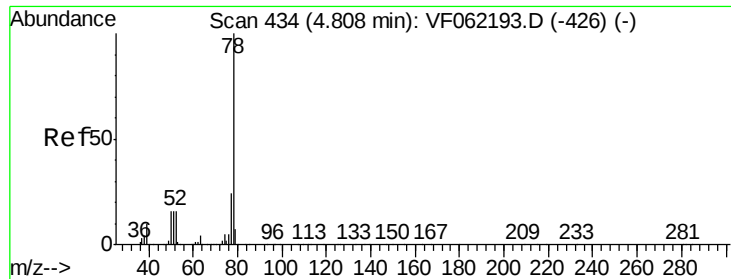


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 116.720 ug/l

RT: 4.81 min Scan# 434

Delta R.T. 0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

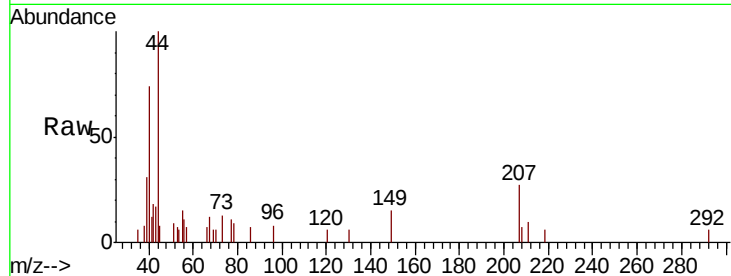
M-COMP-4.18.19

Tot Ion: 78 Resp: 312

Ion Ratio Lower Upper

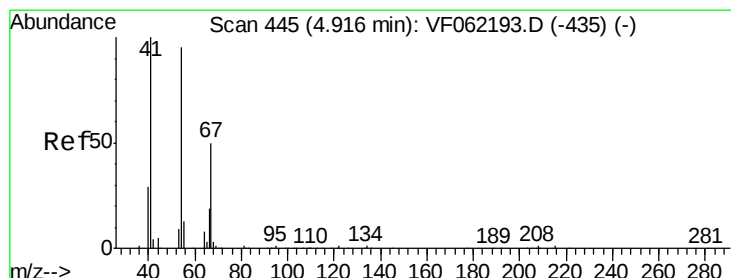
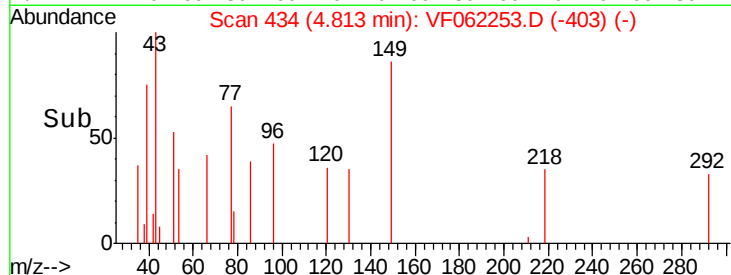
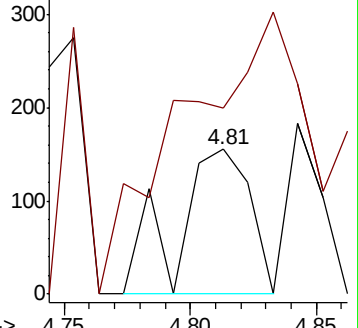
78 100

77 52.3 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#41

Methacrylonitrile

Concen: 1092.315 ug/l

RT: 4.95 min Scan# 448

Delta R.T. 0.03 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Tgt Ion: 41 Resp: 303

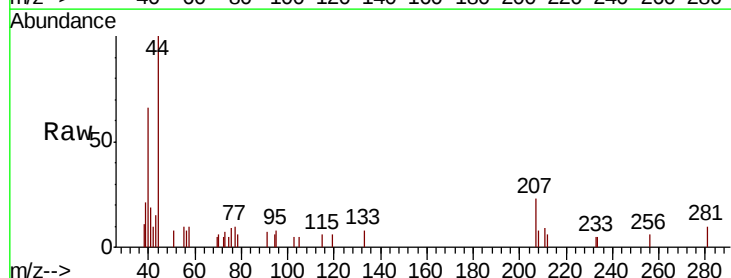
Ion Ratio Lower Upper

41 100

39 767.0 44.7 67.1#

67 0.0 39.1 58.7#

52 20.8 49.8 74.8#

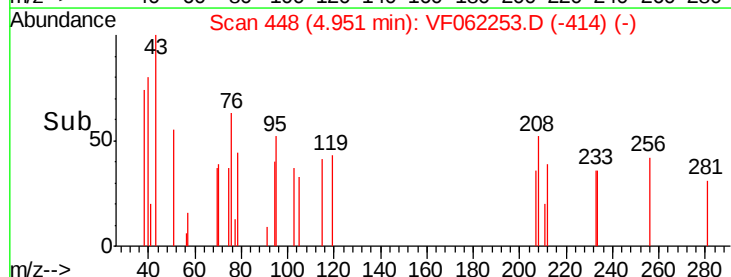
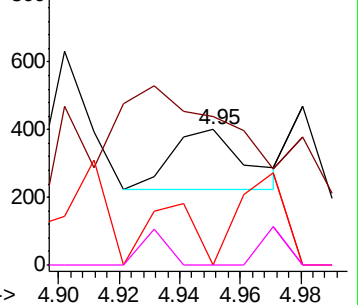


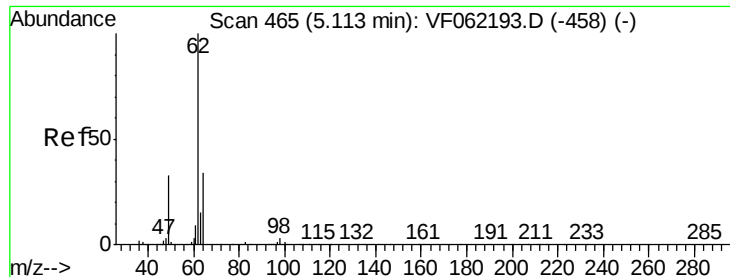
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#42

1,2-Dichloroethane

Concen: 87.737 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.05 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

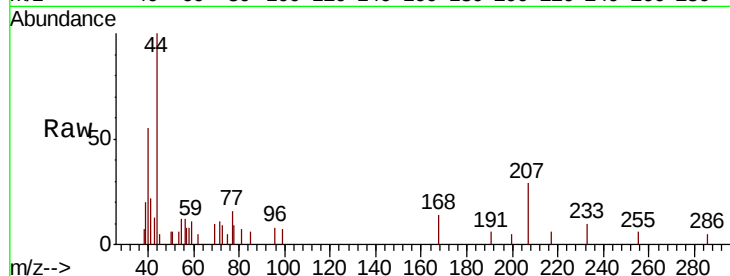
M-COMP-4.18.19

Tot Ion: 62 Resp: 62

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

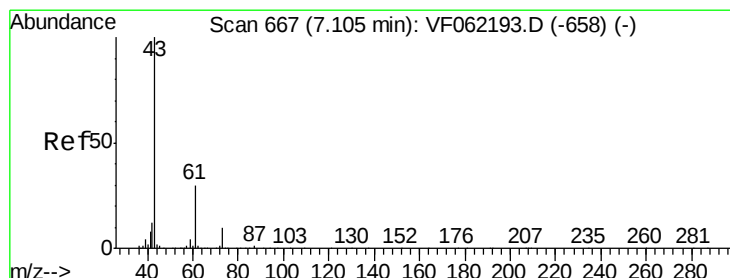
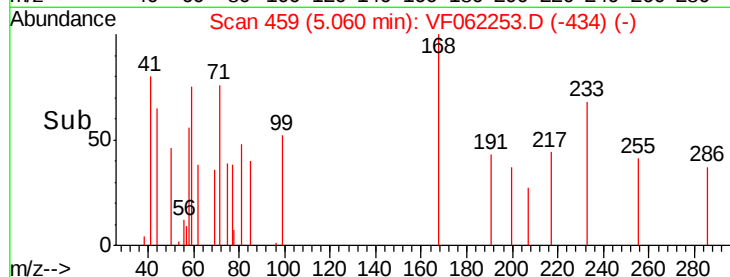
5.06

100

50

0

Time-->



#43

Isopropyl Acetate

Concen: 326.226 ug/l

RT: 7.11 min Scan# 667

Delta R.T. 0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

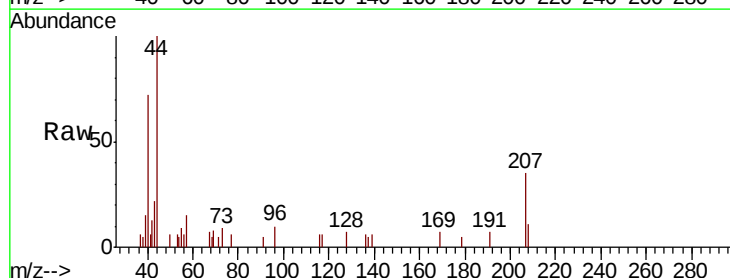
Tgt Ion: 43 Resp: 165

Ion Ratio Lower Upper

43 100

61 0.0 24.4 36.6#

87 0.0 0.4 0.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

600

500

400

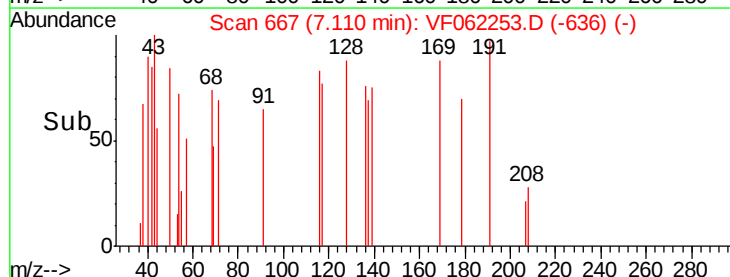
300

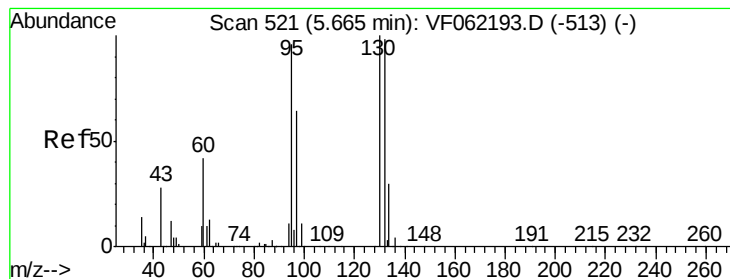
200

100

0

Time-->





#44

Trichloroethene

Concen: 92.758 ug/l

RT: 5.47 min Scan# 501

Delta R.T. -0.19 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

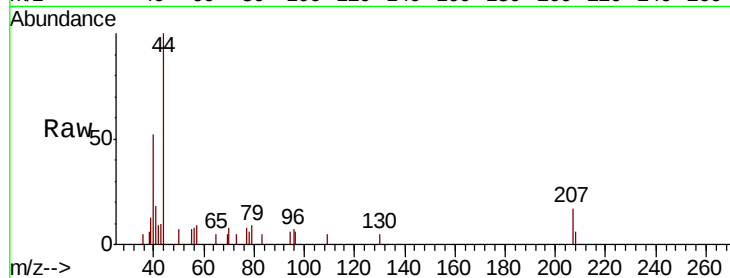
M-COMP-4.18.19

Tot Ion:130 Resp: 67

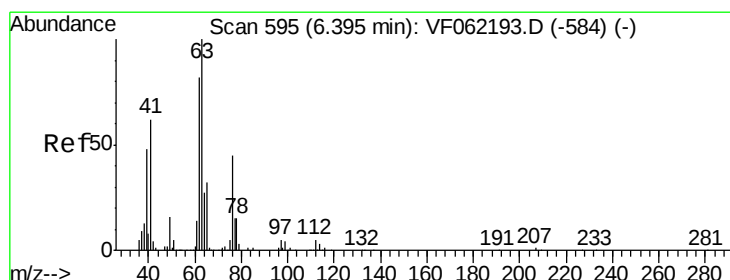
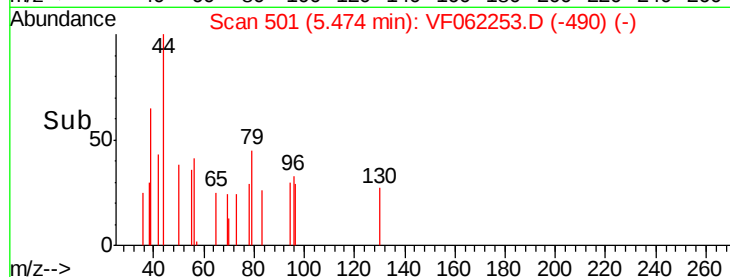
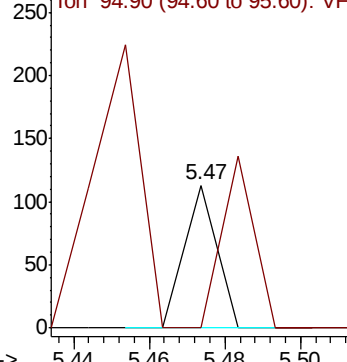
Ion Ratio Lower Upper

130 100

95 0.0 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VF0



#45

1,2-Dichloropropane

Concen: 225.881 ug/l

RT: 6.43 min Scan# 598

Delta R.T. 0.03 min

Lab File: VF062253.D

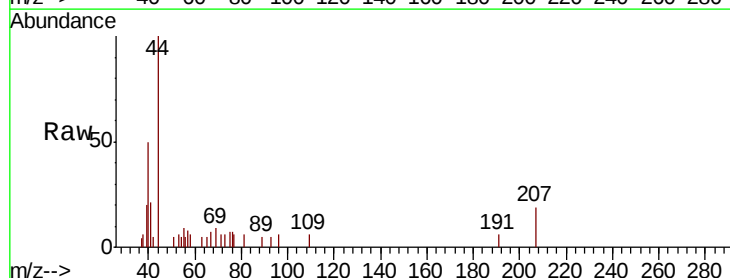
Acq: 22 Apr 2019 19:12

Tgt Ion: 63 Resp: 133

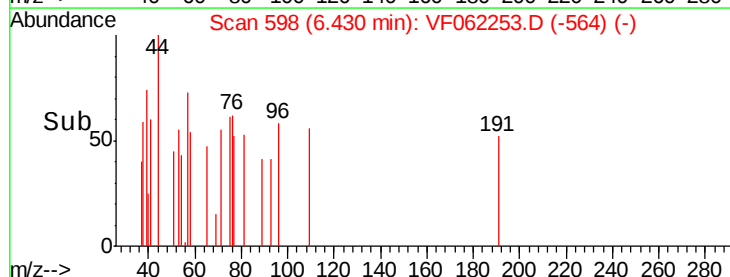
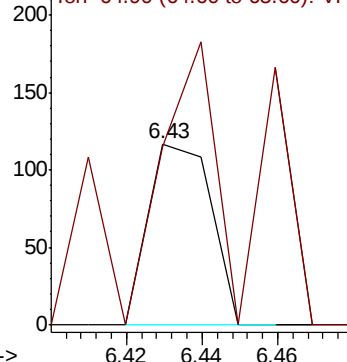
Ion Ratio Lower Upper

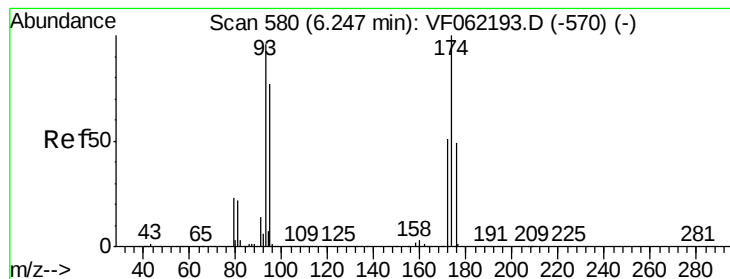
63 100

65 98.3 25.9 38.9#



Abundance Ion 62.90 (62.60 to 63.60): VF0





#46

Dibromomethane

Concen: 178.687 ug/l

RT: 6.21 min Scan# 576

Delta R.T. -0.03 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

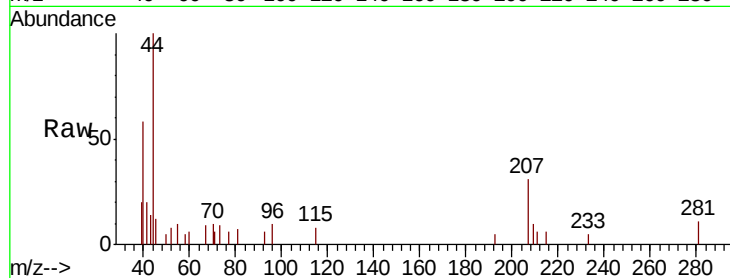
Tot Ion: 93 Resp: 70

Ion Ratio Lower Upper

93 100

95 88.6 65.1 97.7

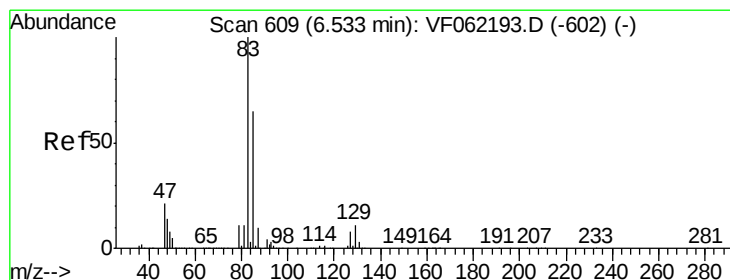
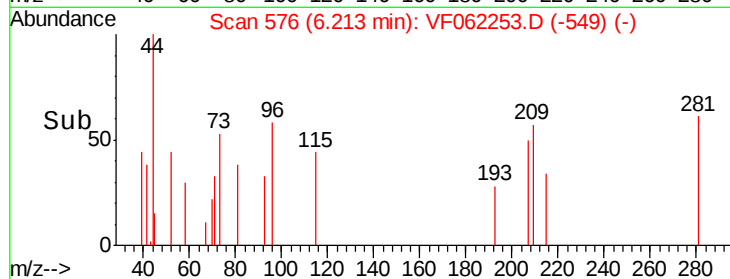
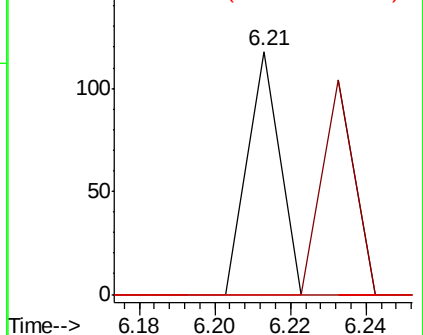
174 0.0 81.8 122.6#



Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 184.383 ug/l

RT: 6.56 min Scan# 611

Delta R.T. 0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

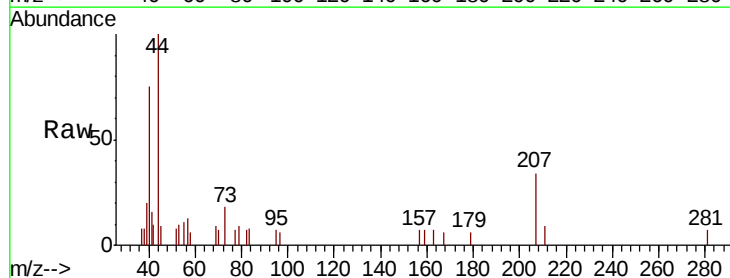
Tgt Ion: 83 Resp: 163

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.4#

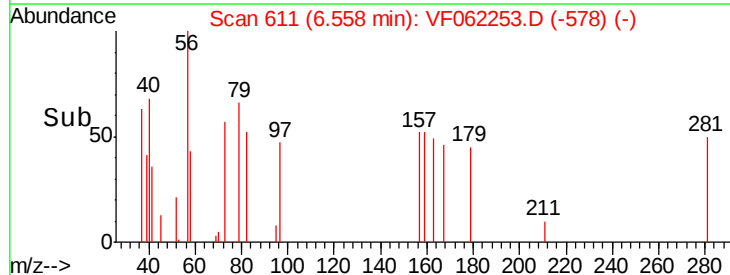
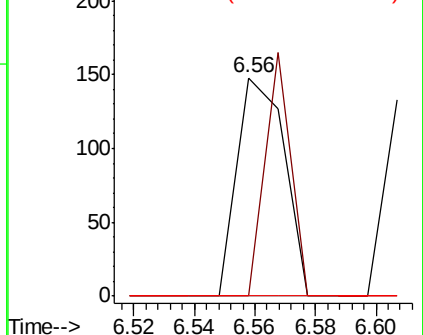
127 0.0 6.7 10.1#

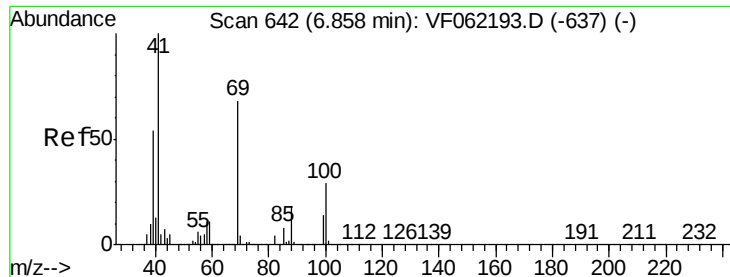


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V

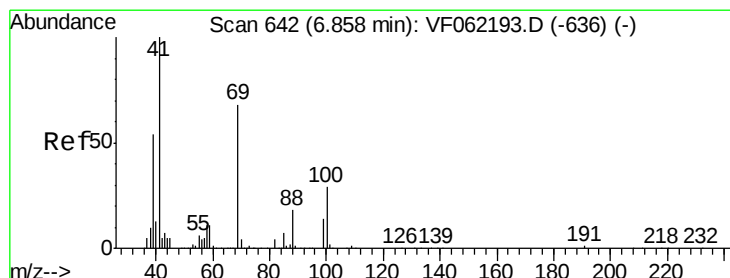
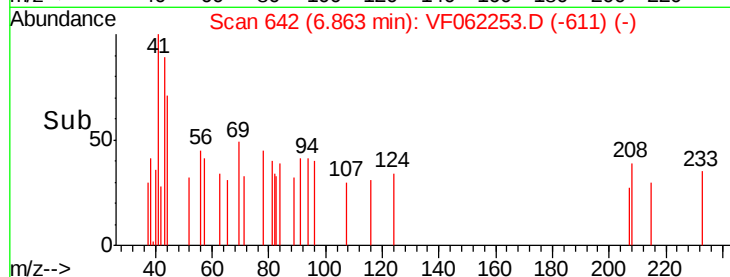
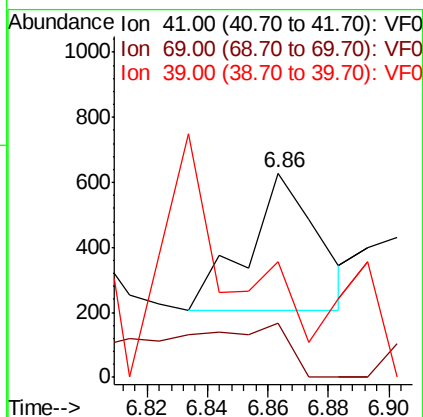
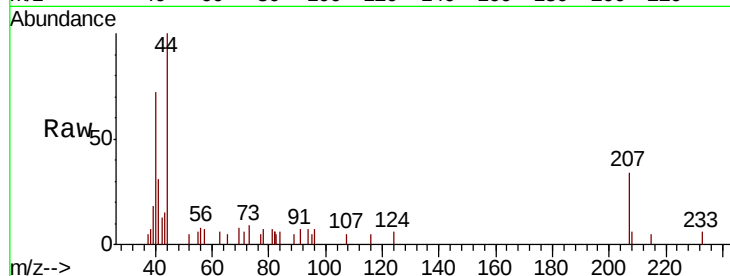




#48
Methyl methacrylate
Concen: 2012.673 ug/l
RT: 6.86 min Scan# 642
Delta R.T. 0.01 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

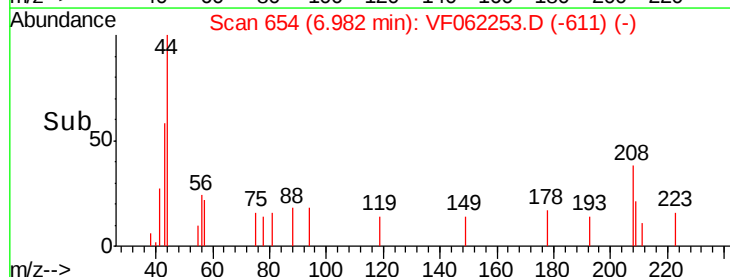
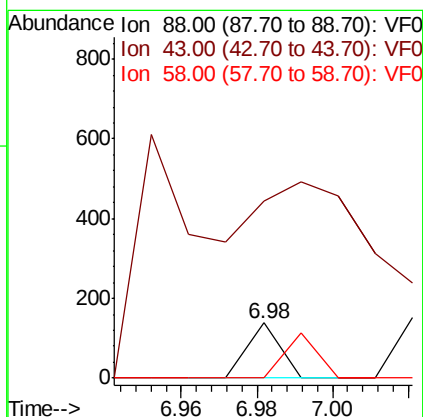
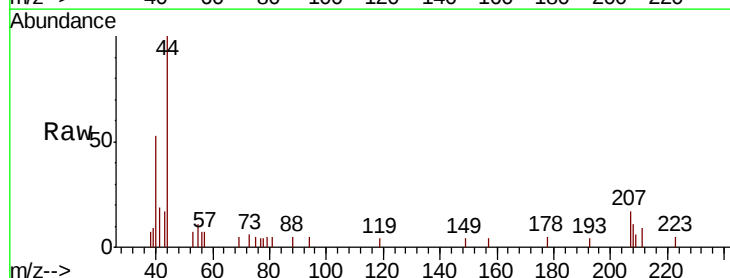
Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

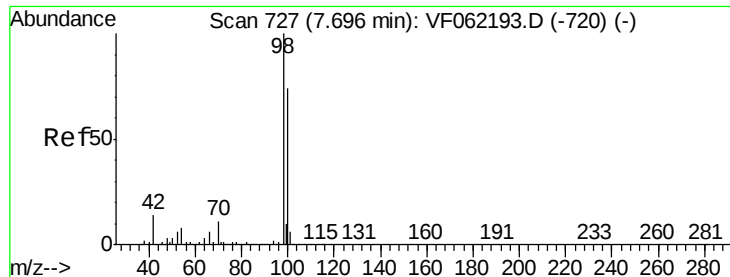
Tot Ion: 41 Resp: 669
Ion Ratio Lower Upper
41 100
69 0.0 54.9 82.3#
39 0.0 43.6 65.4#



#49
1,4-Dioxane
Concen: 21510.818 ug/l
RT: 6.98 min Scan# 654
Delta R.T. 0.12 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
43 662.2 36.9 55.3#
58 81.7 56.8 85.2





#50

Toluene-d8

Concen: 21510.818 ug/l

RT: 7.75 min Scan# 732

Delta R.T. 0.05 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

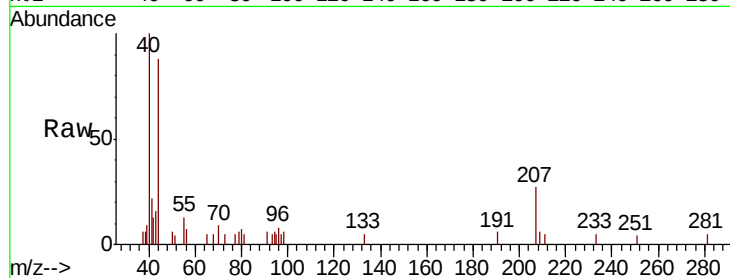
M-COMP-4.18.19

Tot Ion: 98 Resp: 149

Ion Ratio Lower Upper

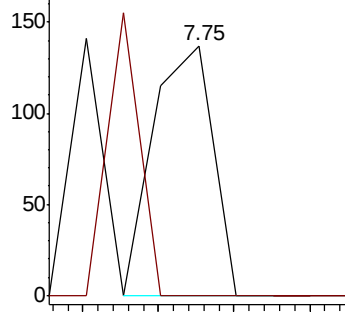
98 100

100 61.7 56.2 84.2

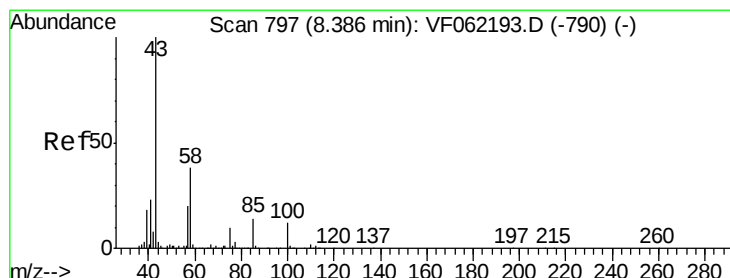
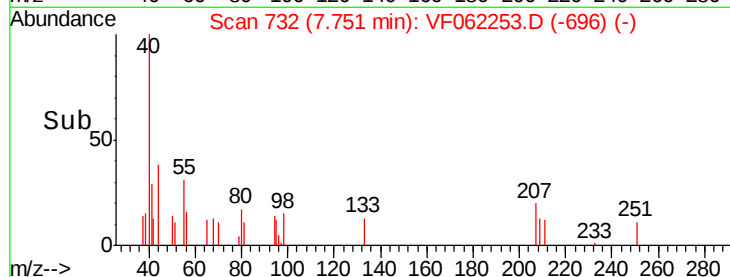


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 2126.566 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.02 min

Lab File: VF062253.D

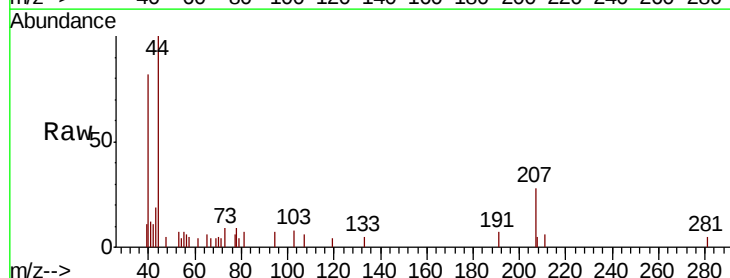
Acq: 22 Apr 2019 19:12

Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

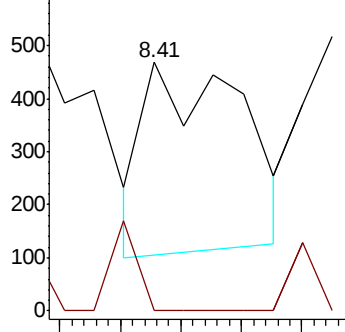
43 100

58 12.5 29.3 43.9#

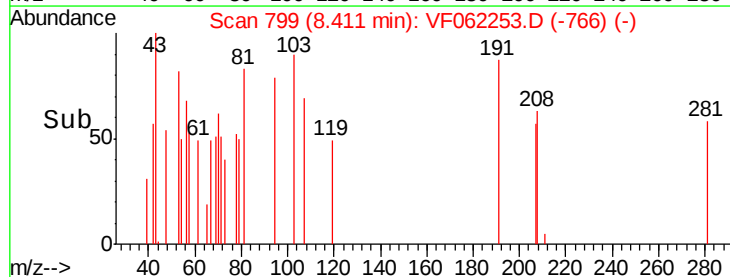


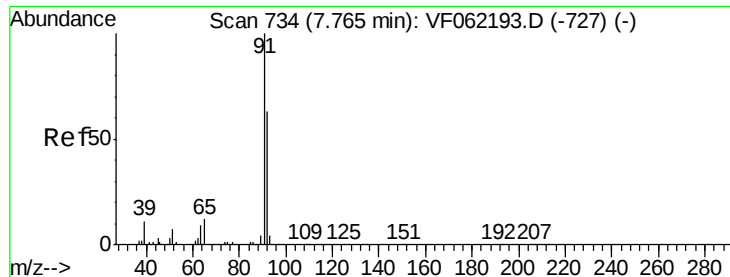
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->





#52

Toluene

Concen: 45.421 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.06 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

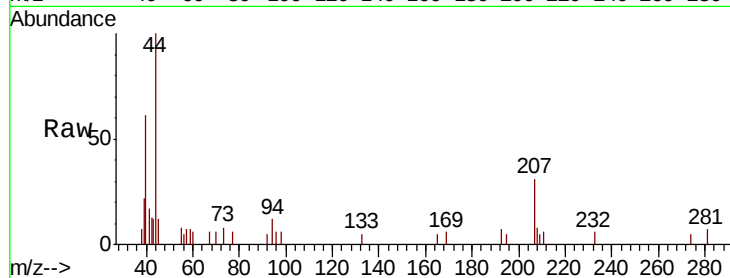
M-COMP-4.18.19

Tot Ion: 92 Resp: 64

Ion Ratio Lower Upper

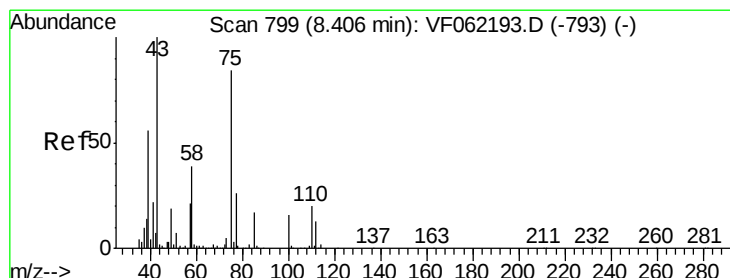
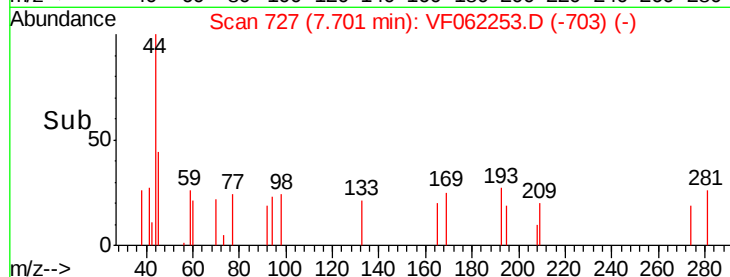
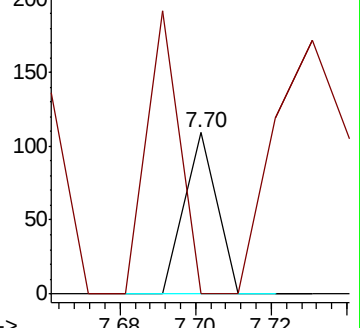
92 100

91 178.1 130.1 195.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#53

t-1,3-Dichloropropene

Concen: 90.364 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.00 min

Lab File: VF062253.D

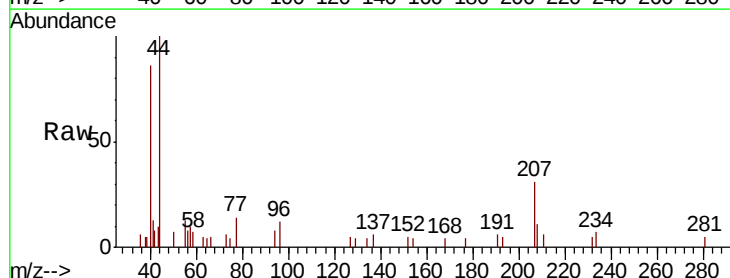
Acq: 22 Apr 2019 19:12

Tgt Ion: 75 Resp: 60

Ion Ratio Lower Upper

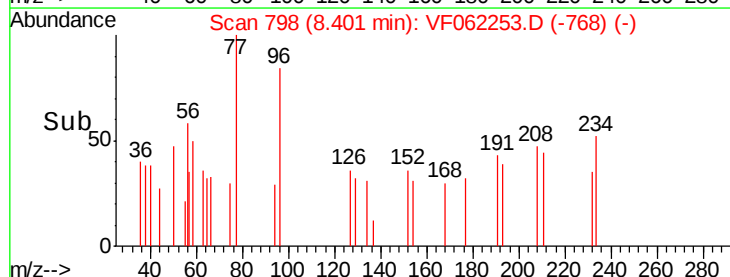
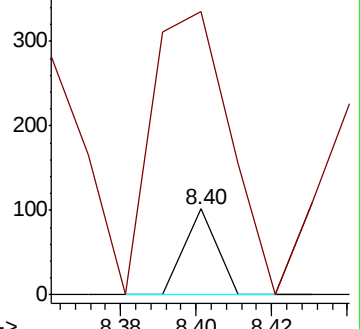
75 100

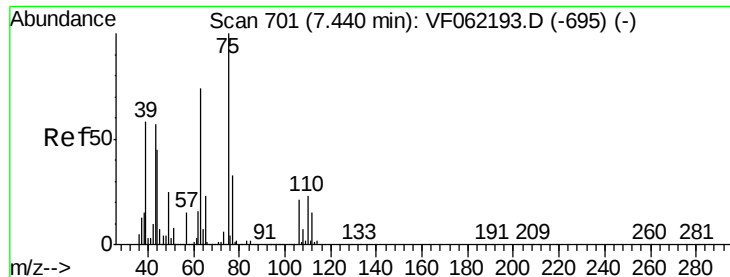
77 328.4 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0





#54

cis-1,3-Dichloropropene

Concen: 104.661 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

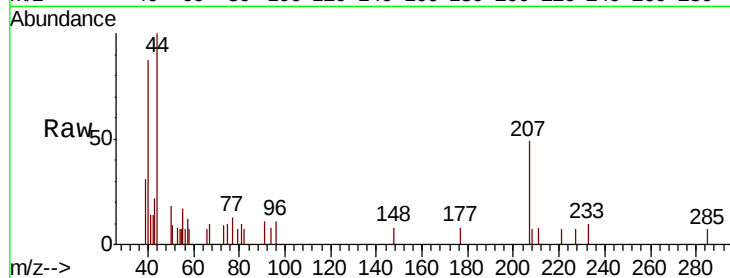
Tot Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

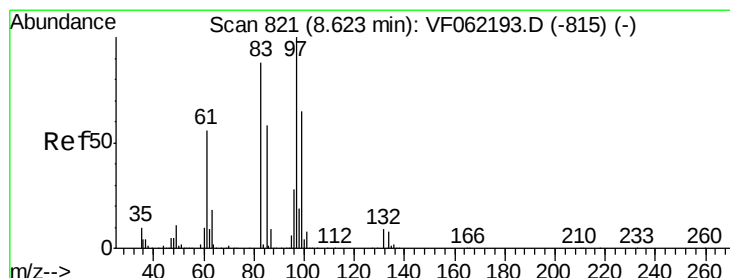
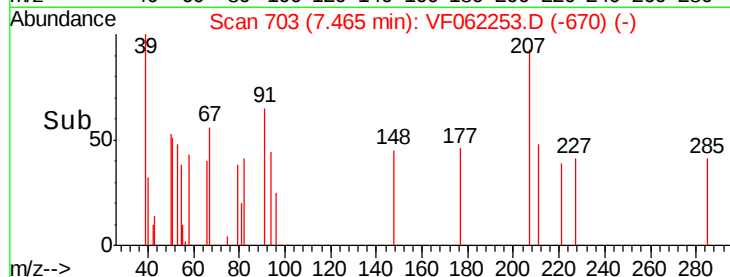
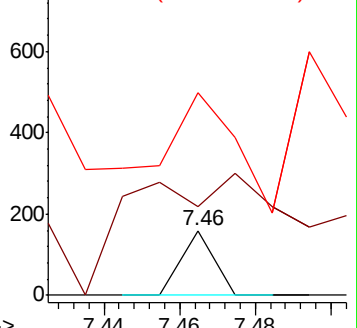
39 184.9 46.7 70.1#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0



#55

1,1,2-Trichloroethane

Concen: 342.008 ug/l

RT: 8.64 min Scan# 822

Delta R.T. 0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Tgt Ion: 97 Resp: 135

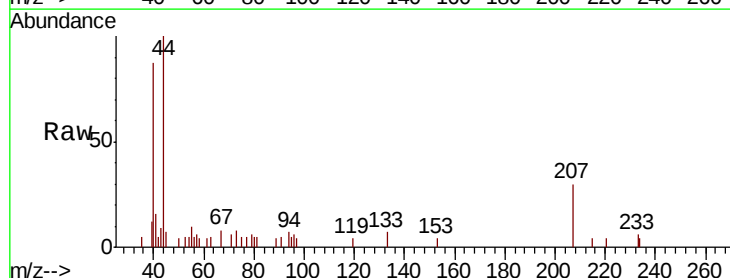
Ion Ratio Lower Upper

97 100

83 0.0 70.2 105.2#

85 0.0 46.2 69.4#

99 0.0 52.2 78.4#

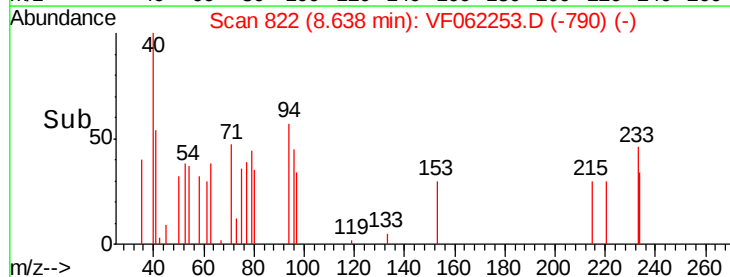
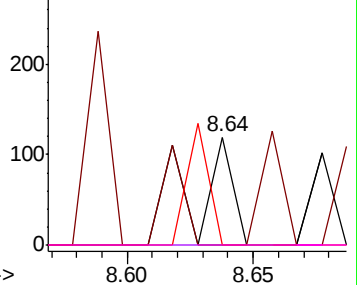


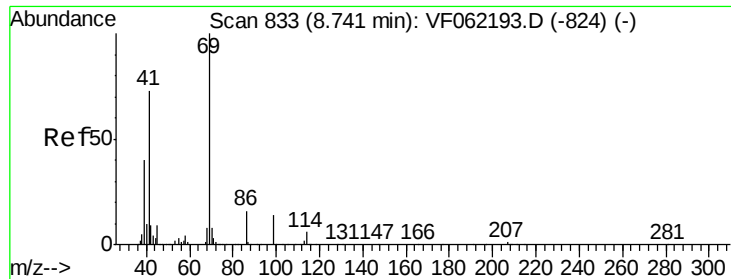
Abundance Ion 96.90 (96.60 to 97.60): VF0

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

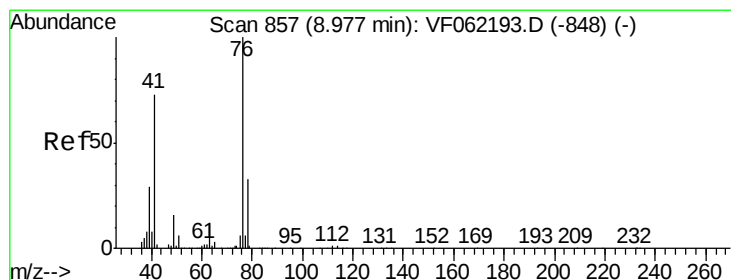
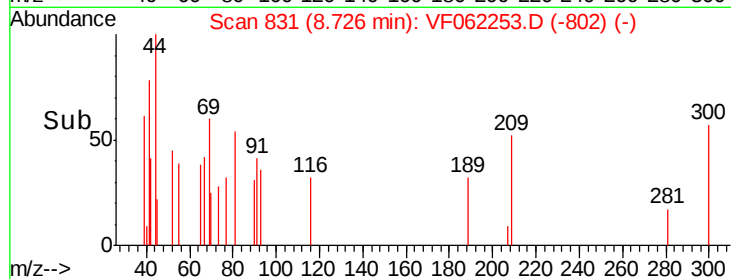
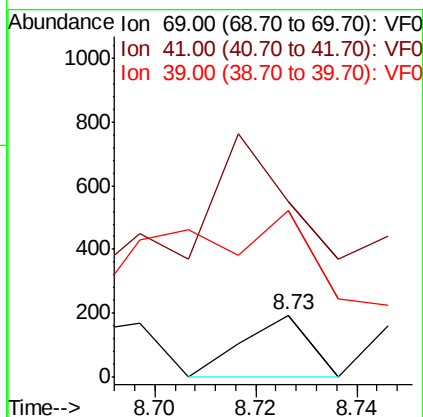
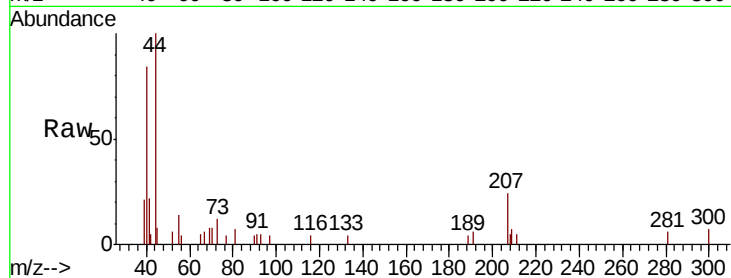




#56
Ethyl methacrylate
Concen: 396.625 ug/l
RT: 8.73 min Scan# 831
Delta R.T. -0.01 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

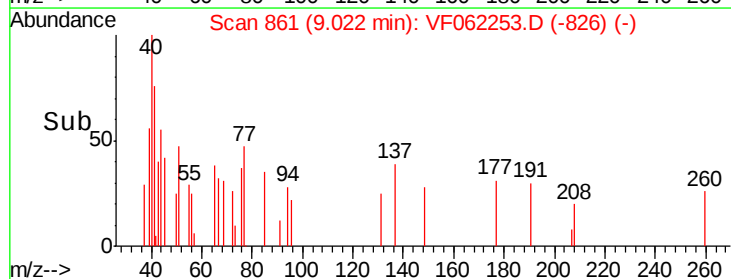
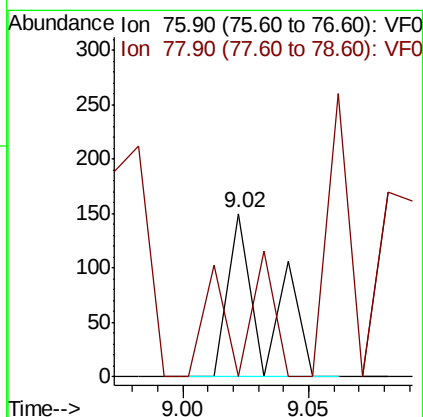
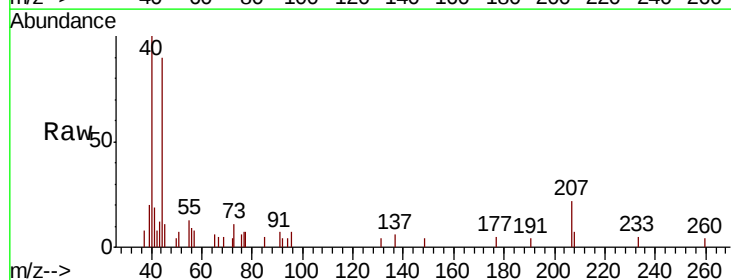
Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

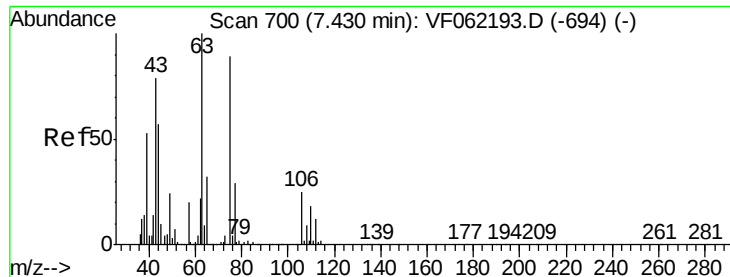
Tot Ion: 69 Resp: 178
Ion Ratio Lower Upper
69 100
41 651.1 61.5 92.3#
39 325.3 33.3 49.9#



#57
1,3-Dichloropropane
Concen: 236.901 ug/l
RT: 9.02 min Scan# 861
Delta R.T. 0.04 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion: 76 Resp: 151
Ion Ratio Lower Upper
76 100
78 85.4 26.5 39.7#





#58

2-Chloroethyl Vinyl ether

Concen: 667.701 ug/l

RT: 7.52 min Scan# 709

Delta R.T. 0.09 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

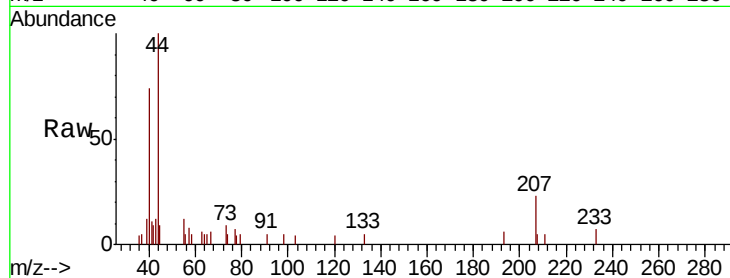
M-COMP-4.18.19

Tot Ion: 63 Resp: 87

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

7.52

150

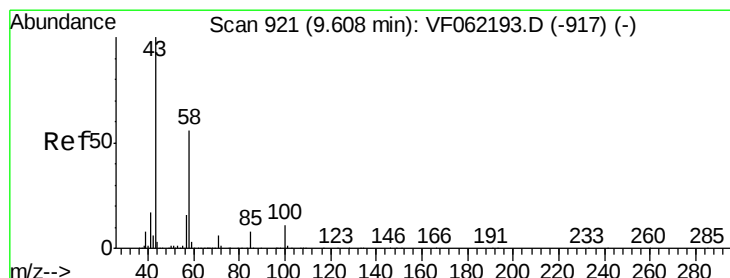
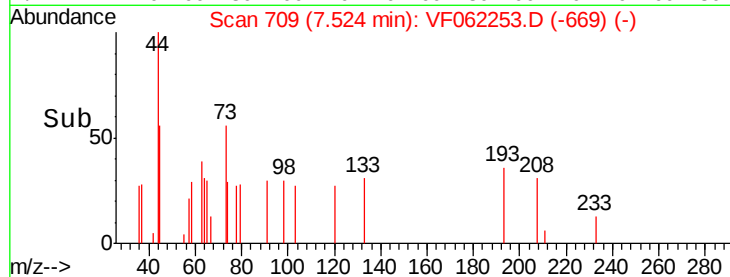
100

50

0

7.50 7.52 7.54

Time-->



#59

2-Hexanone

Concen: 2445.572 ug/l

RT: 9.69 min Scan# 929

Delta R.T. 0.08 min

Lab File: VF062253.D

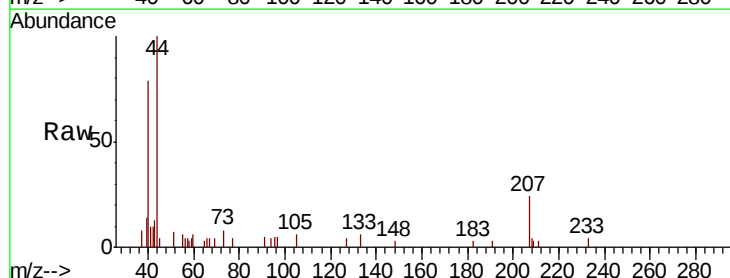
Acq: 22 Apr 2019 19:12

Tgt Ion: 43 Resp: 574

Ion Ratio Lower Upper

43 100

58 46.3 24.6 74.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

500

400

300

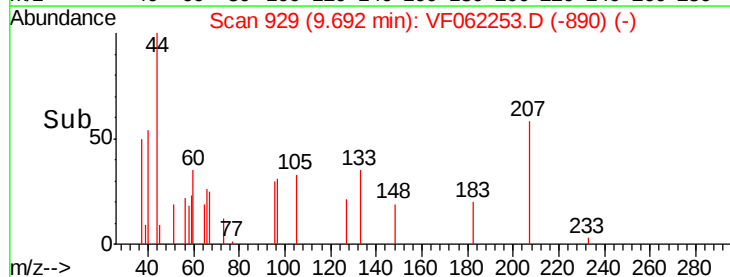
200

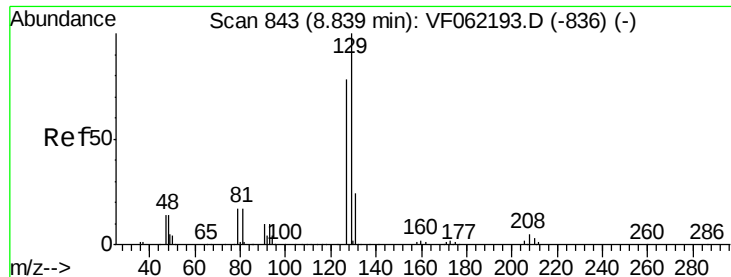
100

0

9.66 9.68 9.70

Time-->





#60

Dibromochloromethane

Concen: 289.590 ug/l

RT: 8.88 min Scan# 847

Delta R.T. 0.04 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

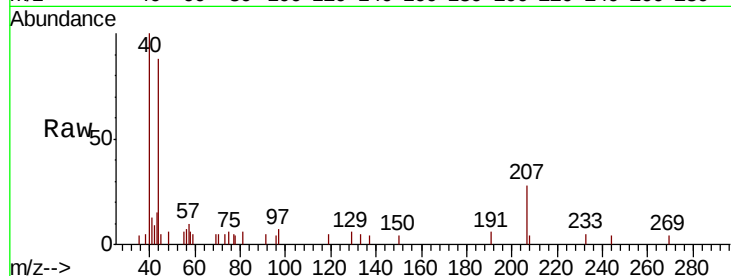
M-COMP-4.18.19

Tot Ion:129 Resp: 170

Ion Ratio Lower Upper

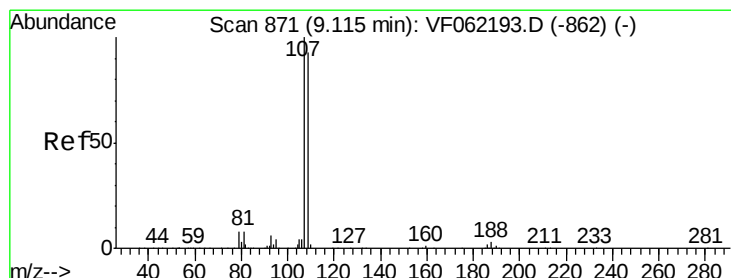
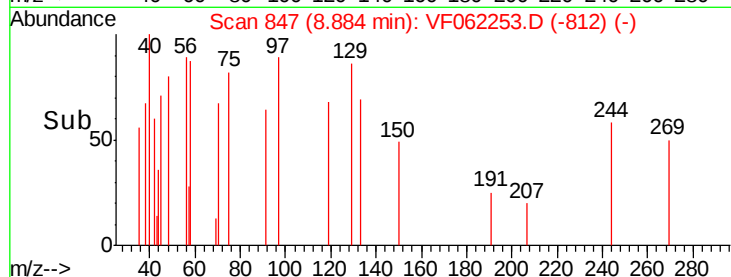
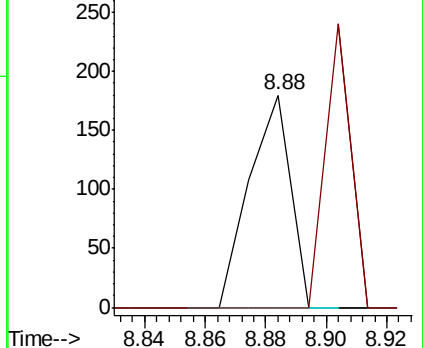
129 100

127 83.5 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 335.050 ug/l

RT: 9.08 min Scan# 867

Delta R.T. -0.03 min

Lab File: VF062253.D

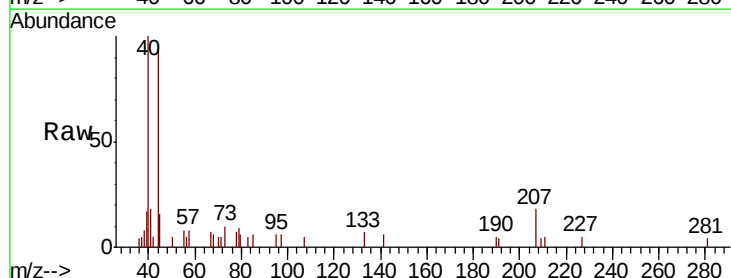
Acq: 22 Apr 2019 19:12

Tgt Ion:107 Resp: 149

Ion Ratio Lower Upper

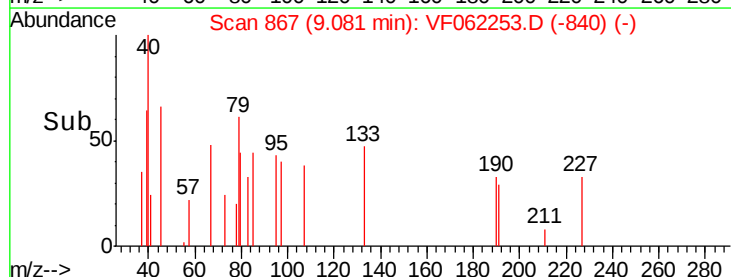
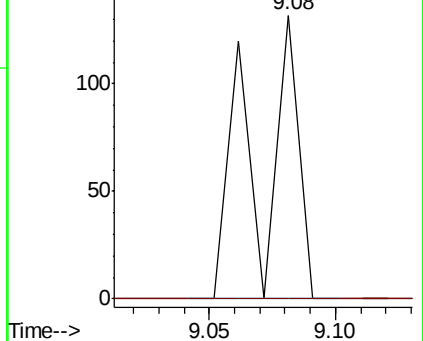
107 100

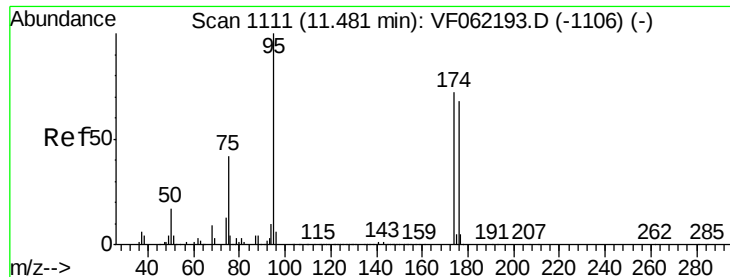
109 0.0 74.3 111.5#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 335.050 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

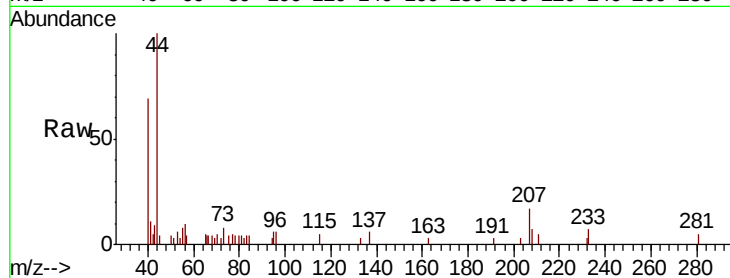
Tot Ion: 95 Resp: 505

Ion Ratio Lower Upper

95 100

174 0.0 0.0 159.4

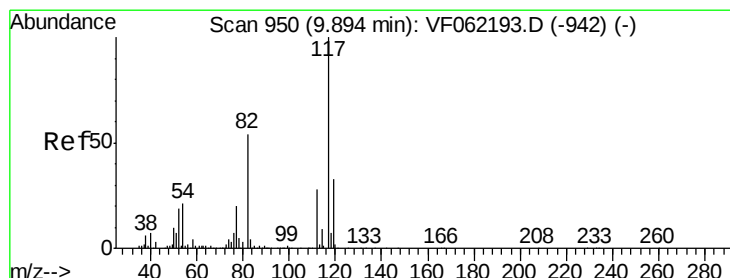
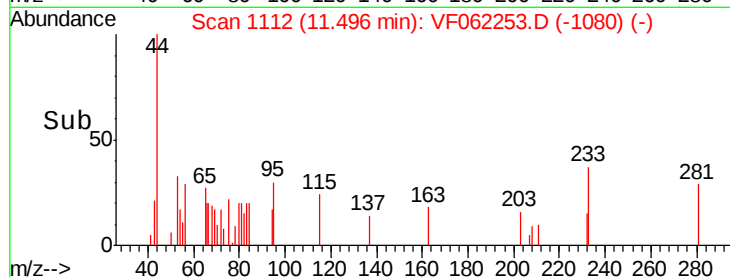
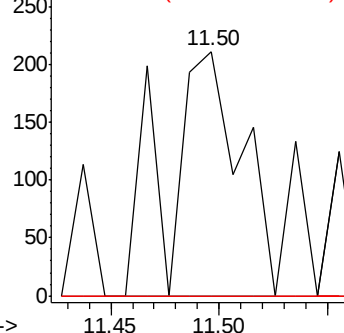
176 0.0 0.0 155.4



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: 9.93 min Scan# 953

Delta R.T. 0.03 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

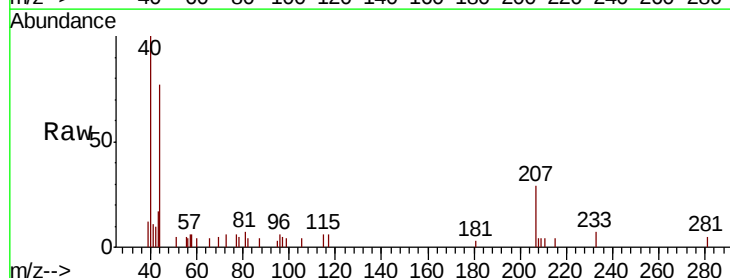
Tgt Ion: 117 Resp: 107

Ion Ratio Lower Upper

117 100

82 68.5 43.2 64.8#

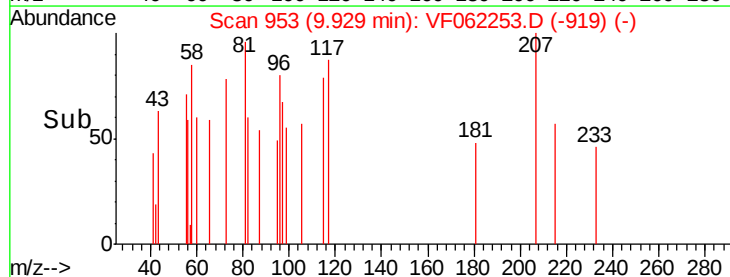
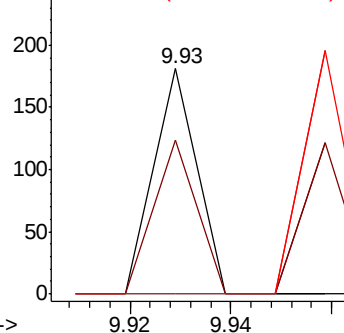
119 0.0 26.2 39.4#

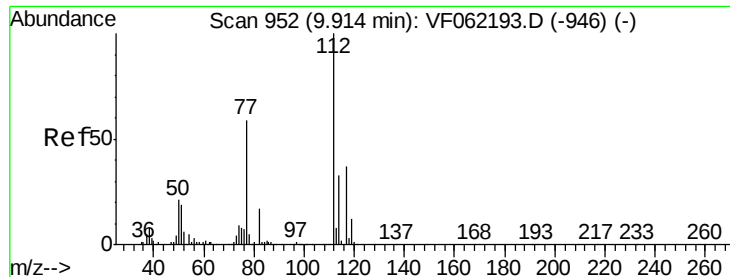


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V

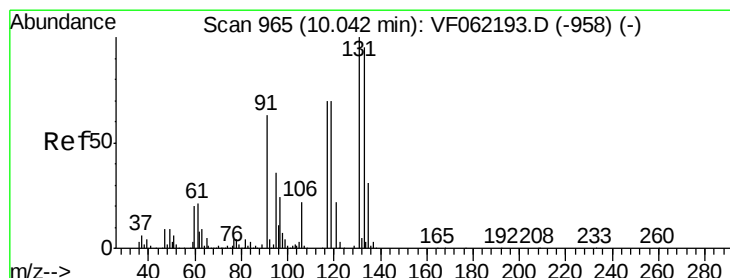
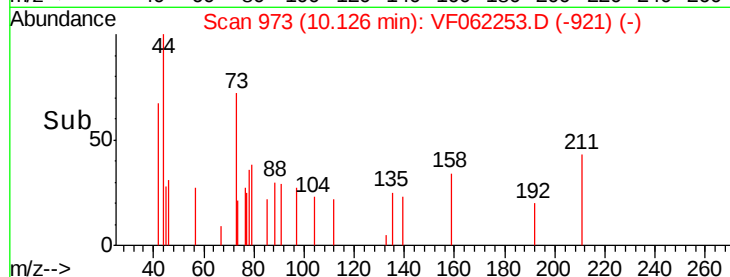
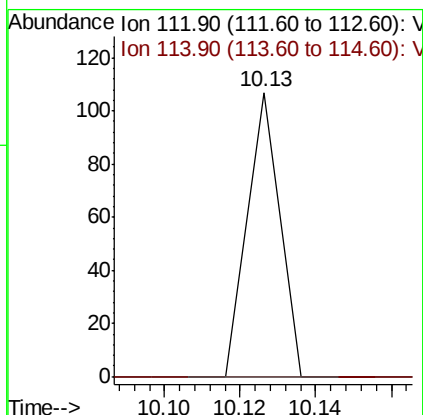
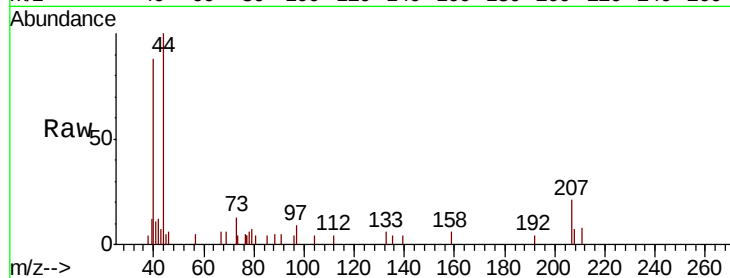




#65
Chlorobenzene
Concen: 27.613 ug/l
RT: 10.13 min Scan# 973
Delta R.T. 0.21 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

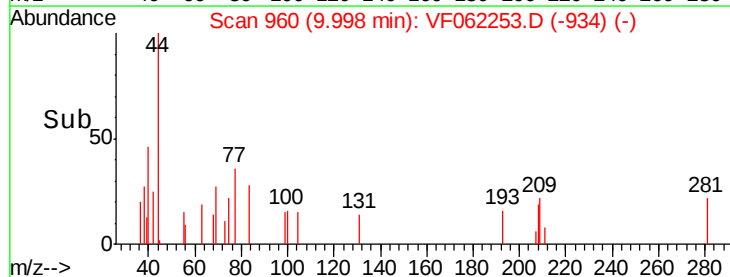
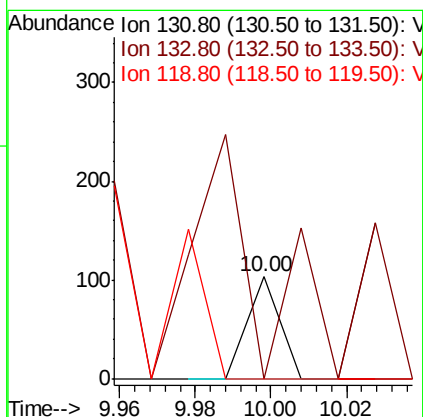
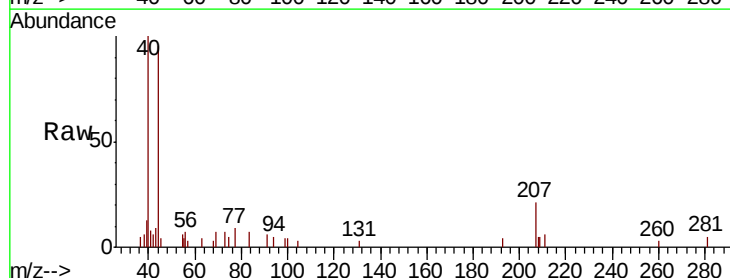
Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

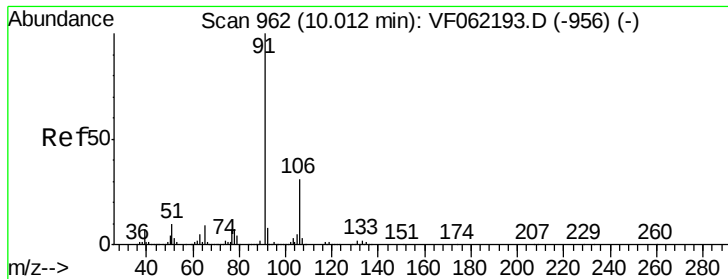
Tot Ion:112 Resp: 63
Ion Ratio Lower Upper
112 100
114 0.0 26.1 39.1#



#66
1,1,1,2-Tetrachloroethane
Concen: 57.093 ug/l
RT: 10.00 min Scan# 960
Delta R.T. -0.04 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion:131 Resp: 61
Ion Ratio Lower Upper
131 100
133 662.3 47.7 143.1#
119 0.0 34.6 103.9#





#67

Ethyl Benzene

Concen: 39.289 ug/l

RT: 10.00 min Scan# 960

Delta R.T. -0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

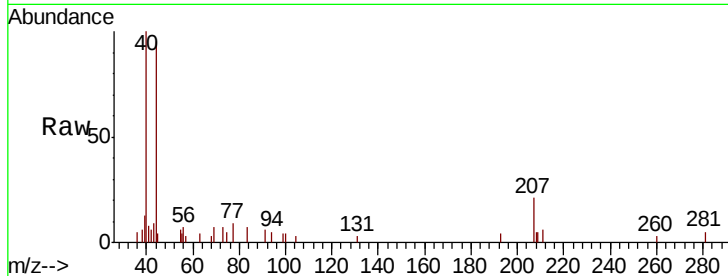
M-COMP-4.18.19

Tot Ion: 91 Resp: 163

Ion Ratio Lower Upper

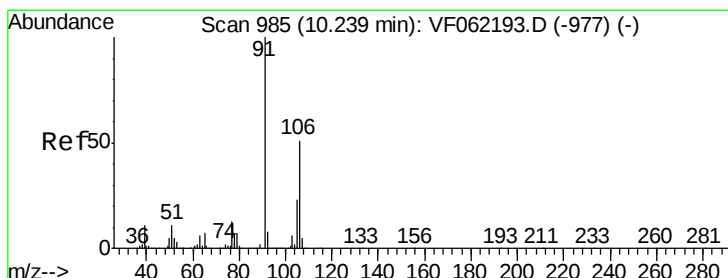
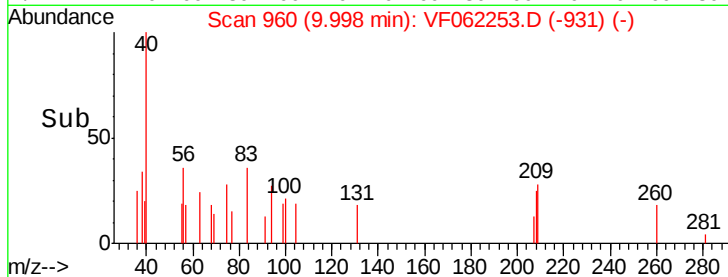
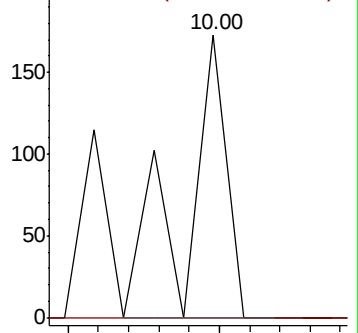
91 100

106 0.0 24.9 37.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 47.144 ug/l

RT: 10.14 min Scan# 974

Delta R.T. -0.10 min

Lab File: VF062253.D

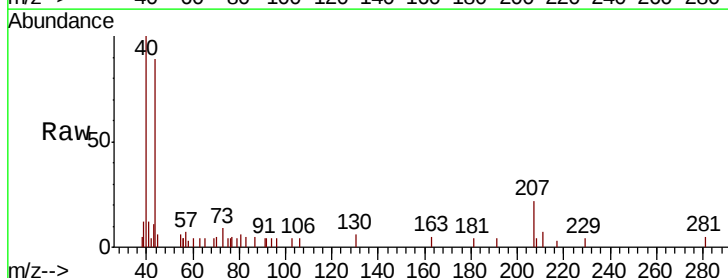
Acq: 22 Apr 2019 19:12

Tgt Ion: 106 Resp: 72

Ion Ratio Lower Upper

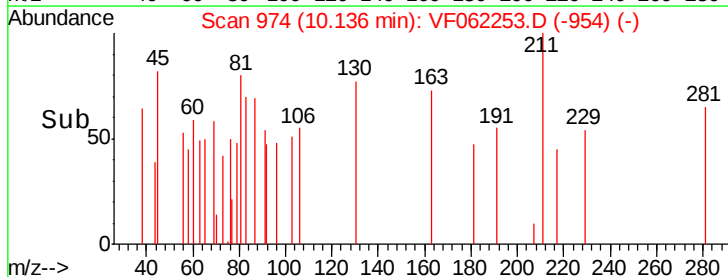
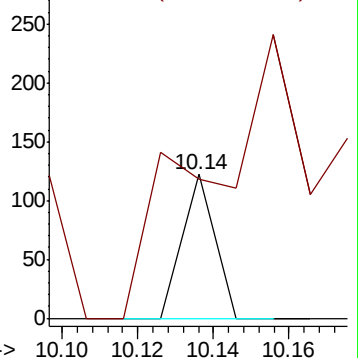
106 100

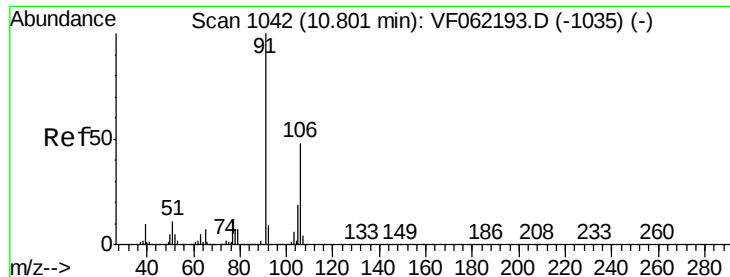
91 837.5 159.1 238.7#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

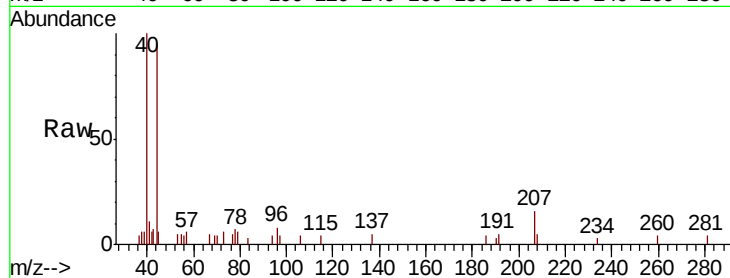




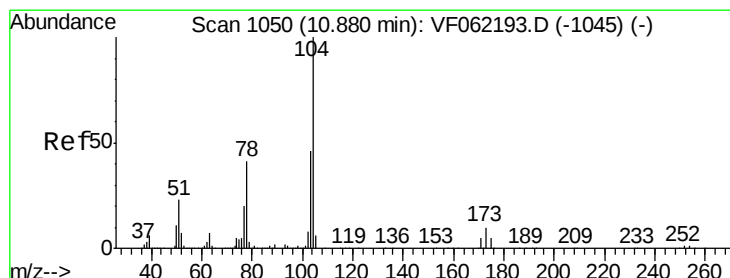
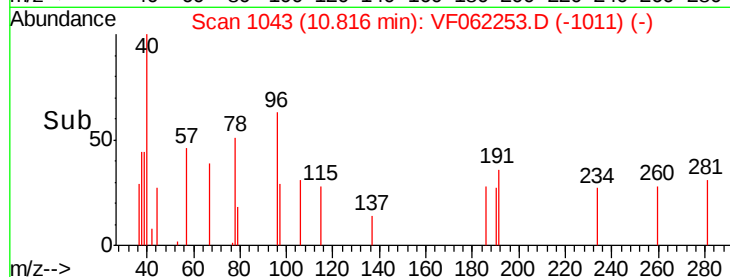
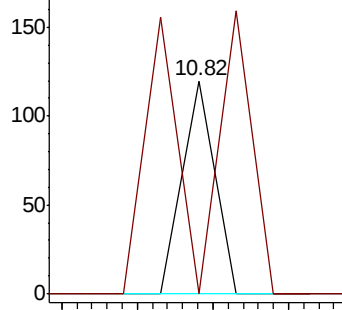
#69
o-Xylene
Concen: 41.872 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

Tot Ion:106 Resp: 71
Ion Ratio Lower Upper
106 100
91 262.0 107.5 322.4

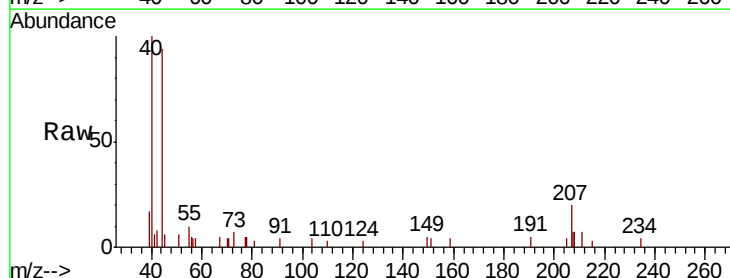


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

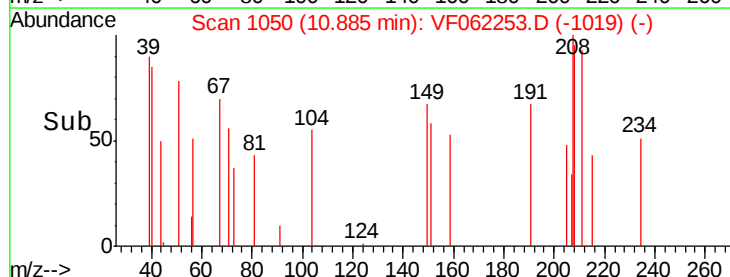
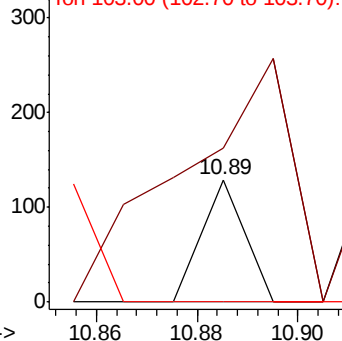


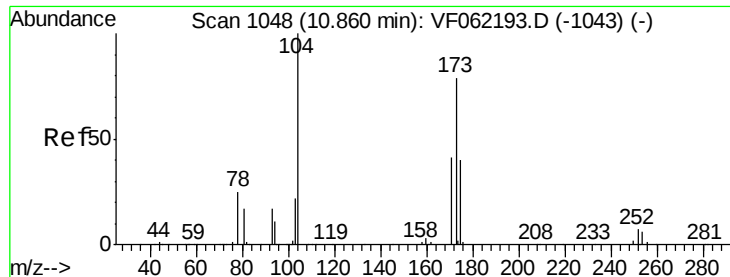
#70
Styrene
Concen: 31.760 ug/l
RT: 10.89 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion:104 Resp: 76
Ion Ratio Lower Upper
104 100
78 623.7 34.5 51.7#
103 0.0 37.2 55.8#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VF0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 111.679 ug/l

RT: 11.11 min Scan# 1073

Delta R.T. 0.25 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

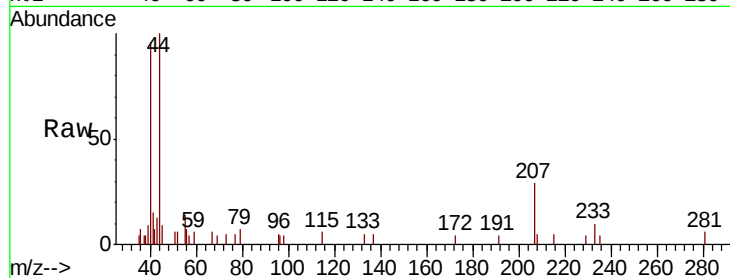
Tot Ion:173 Resp: 63

Ion Ratio Lower Upper

173 100

175 0.0 24.5 73.5#

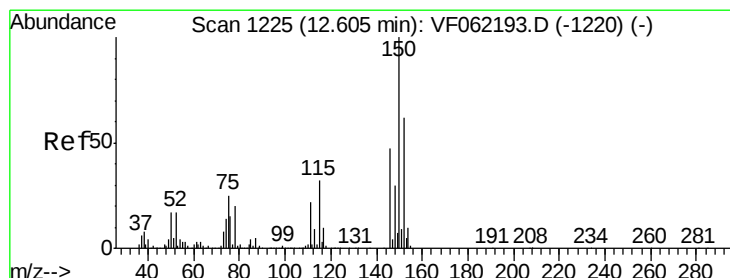
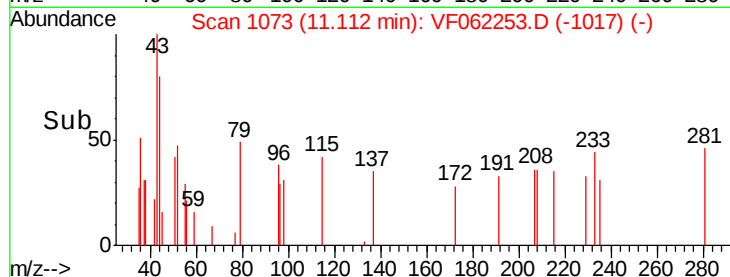
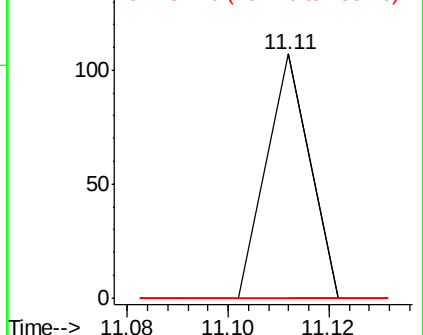
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.59 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

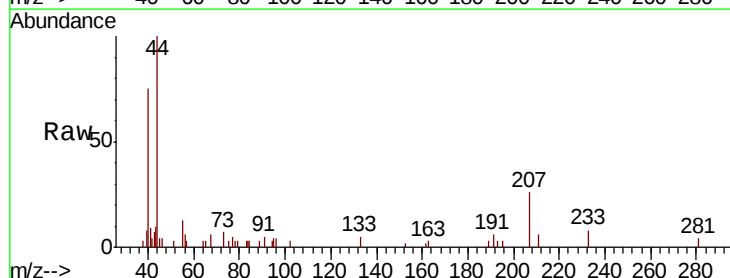
Tgt Ion:152 Resp: 60

Ion Ratio Lower Upper

152 100

115 230.0 27.8 83.3#

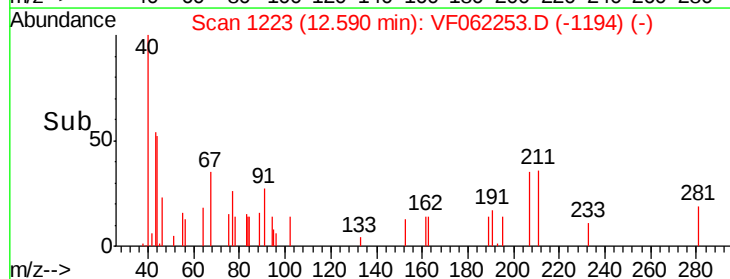
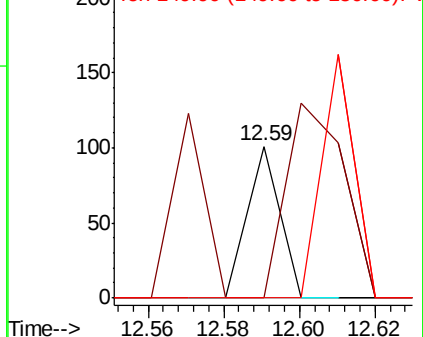
150 160.0 0.0 341.8

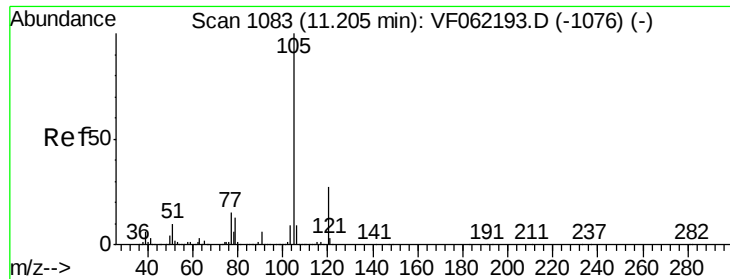


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 15.910 ug/l

RT: 11.19 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

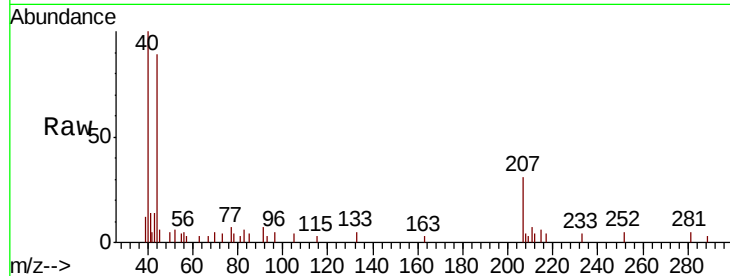
M-COMP-4.18.19

Tot Ion:105 Resp: 82

Ion Ratio Lower Upper

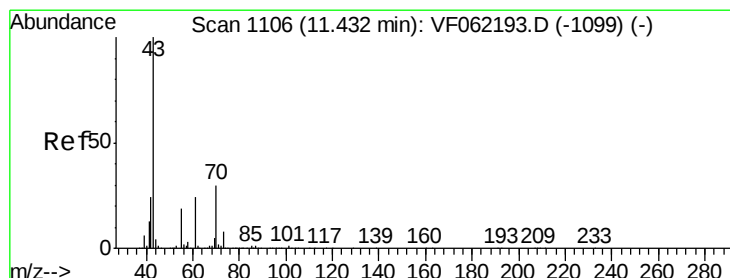
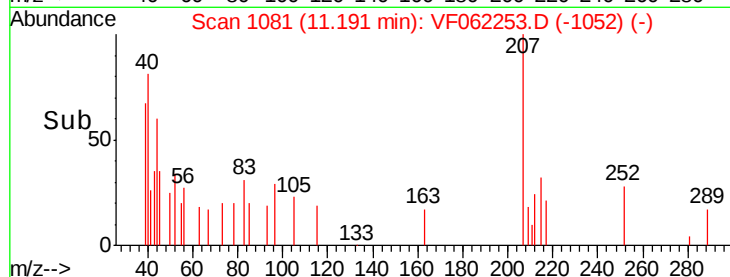
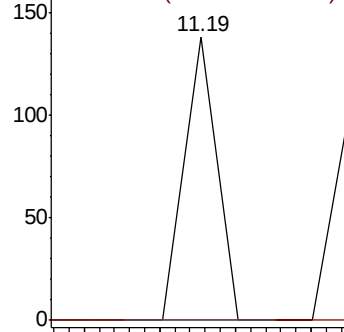
105 100

120 0.0 13.0 38.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1054.032 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. 0.03 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Tgt Ion: 43 Resp: 1235

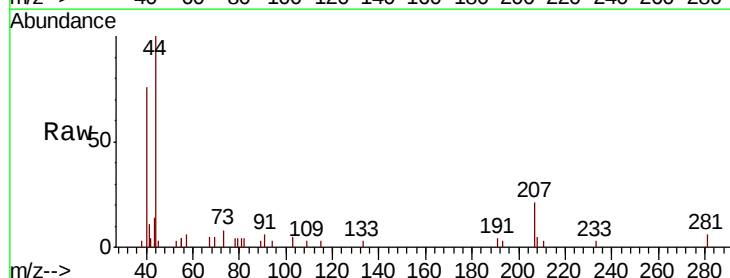
Ion Ratio Lower Upper

43 100

70 14.7 27.0 40.4#

55 31.3 15.7 23.5#

61 0.0 20.8 31.2#

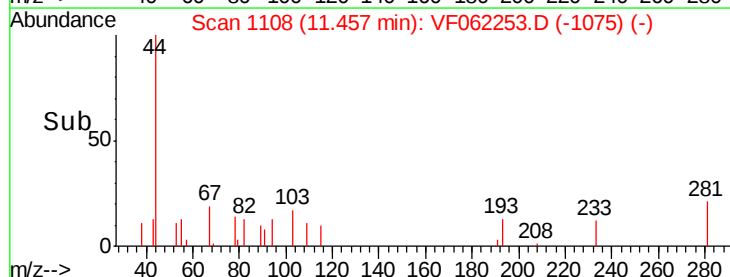
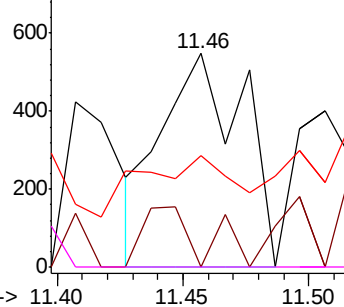


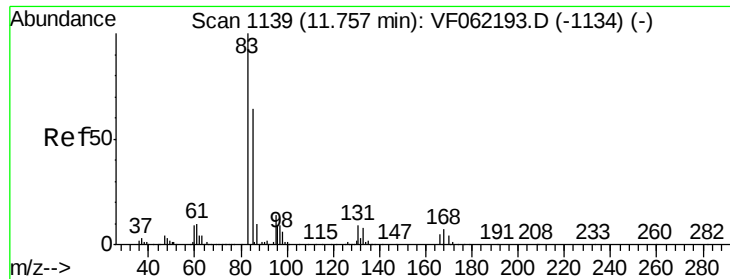
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 75.589 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.03 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

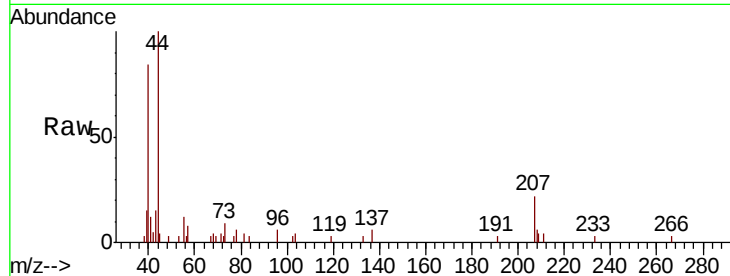
Tot Ion: 83 Resp: 67

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

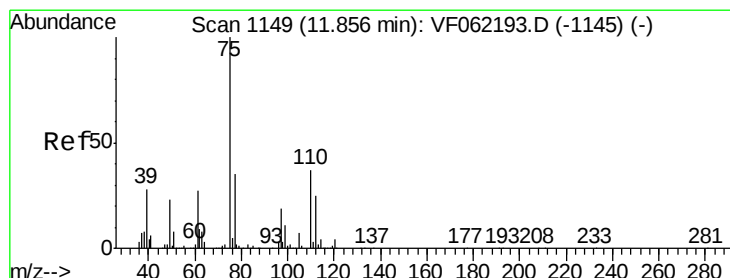
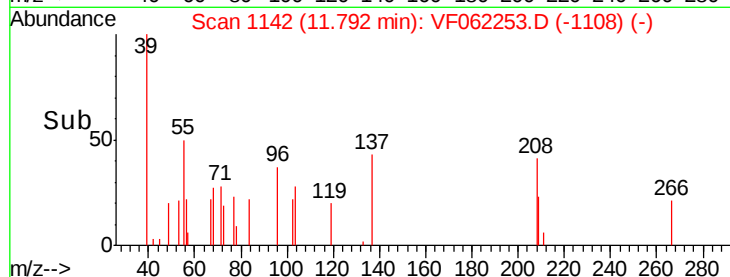
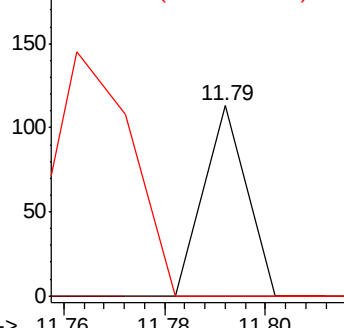
85 0.0 34.7 104.1#



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 96.749 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.03 min

Lab File: VF062253.D

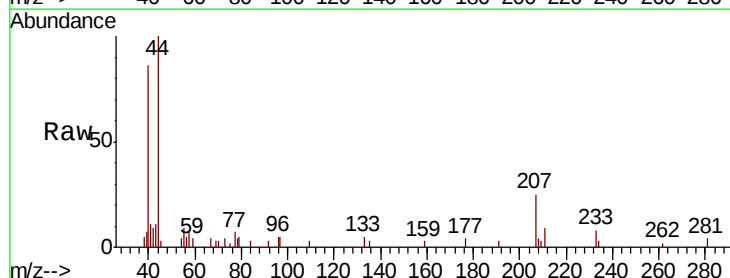
Acq: 22 Apr 2019 19:12

Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

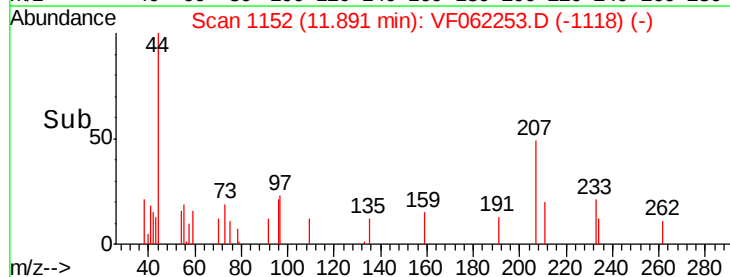
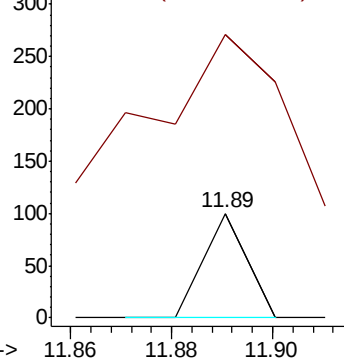
75 100

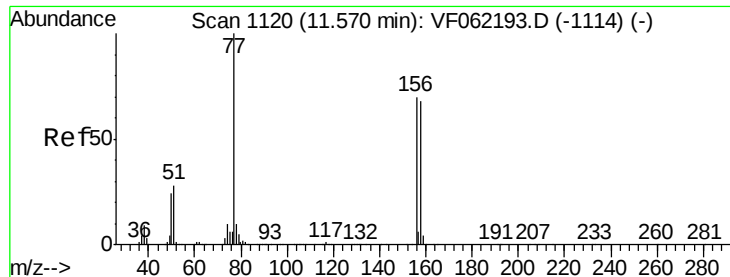
77 283.1 7.4 22.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 58.872 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.11 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

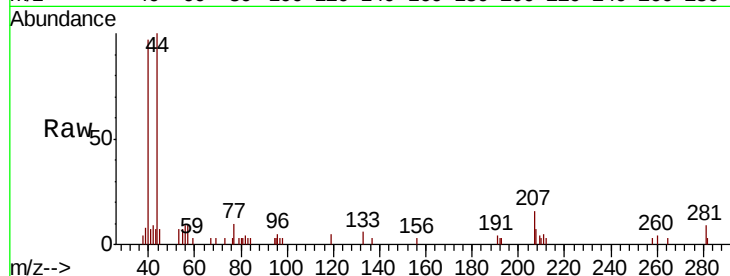
Tot Ion:156 Resp: 65

Ion Ratio Lower Upper

156 100

77 707.7 80.9 242.7#

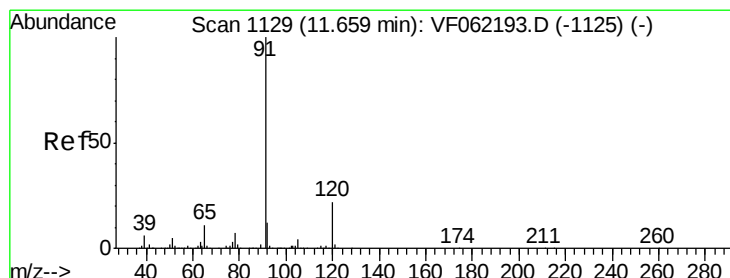
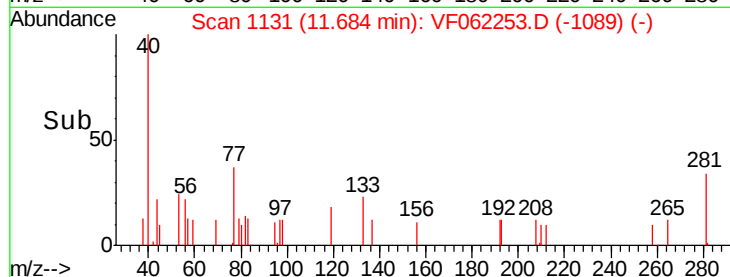
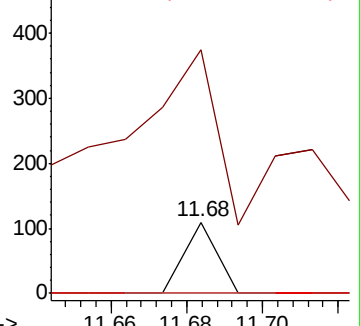
158 0.0 49.8 149.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.602 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. -0.05 min

Lab File: VF062253.D

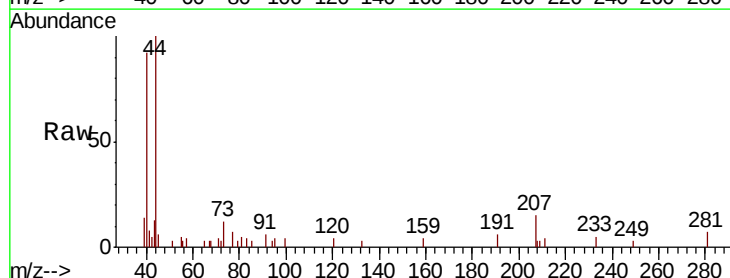
Acq: 22 Apr 2019 19:12

Tgt Ion: 91 Resp: 286

Ion Ratio Lower Upper

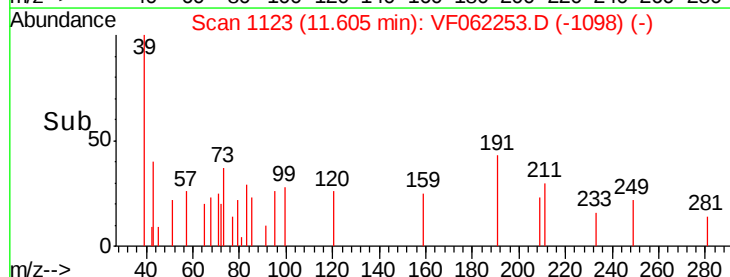
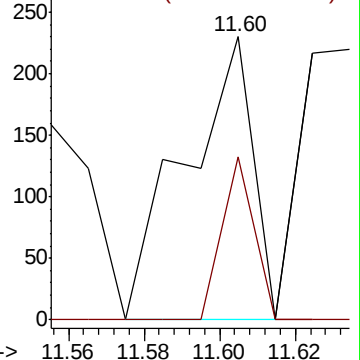
91 100

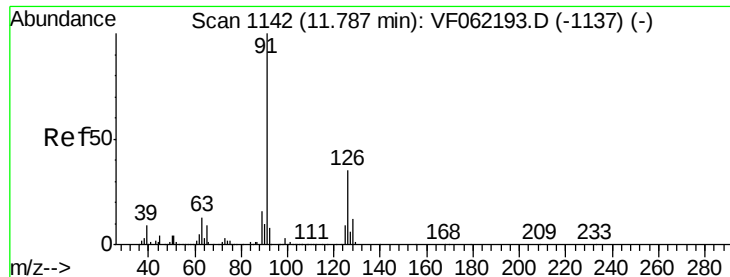
120 27.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 67.008 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. 0.08 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

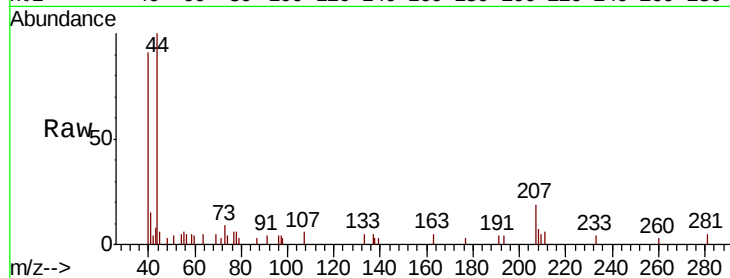
M-COMP-4.18.19

Tot Ion: 91 Resp: 221

Ion Ratio Lower Upper

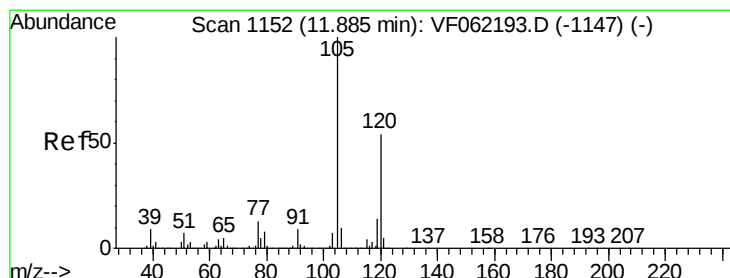
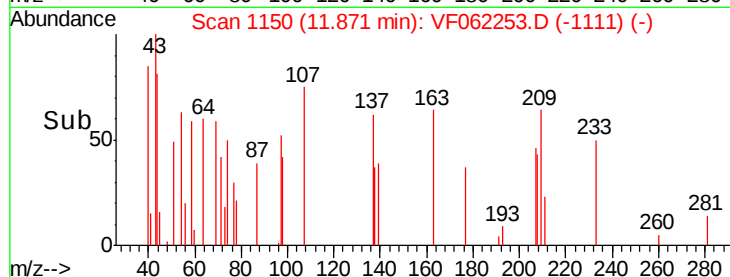
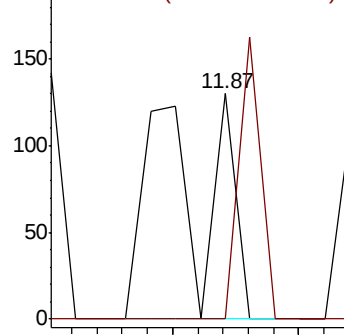
91 100

126 43.4 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 16.773 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.02 min

Lab File: VF062253.D

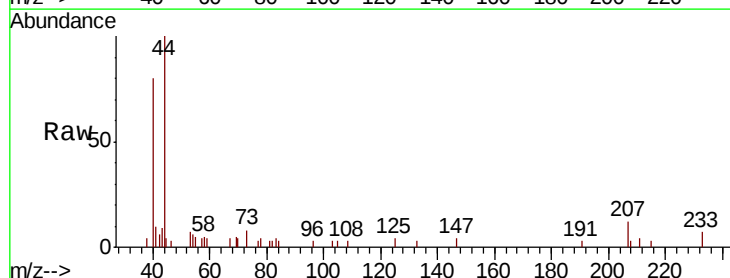
Acq: 22 Apr 2019 19:12

Tgt Ion:105 Resp: 72

Ion Ratio Lower Upper

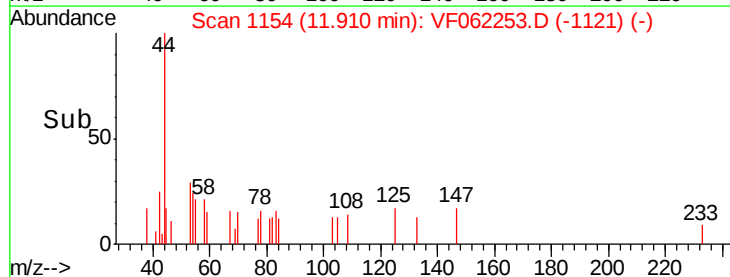
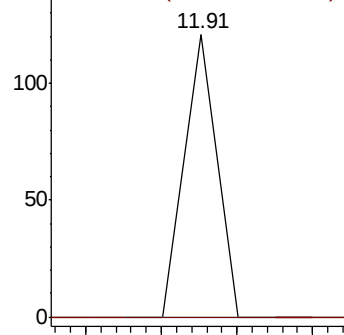
105 100

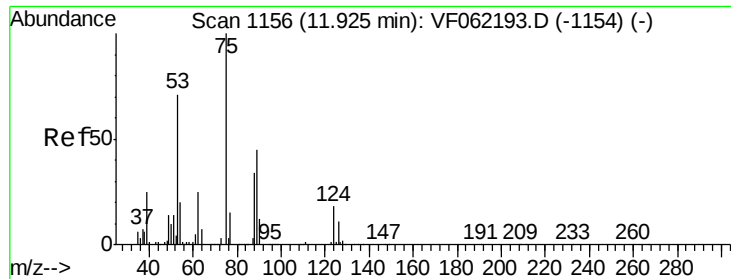
120 0.0 26.2 78.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 569.113 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

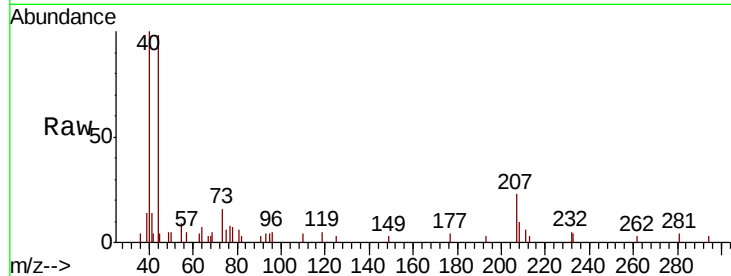
Tot Ion: 75 Resp: 177

Ion Ratio Lower Upper

75 100

53 90.4 50.2 75.4#

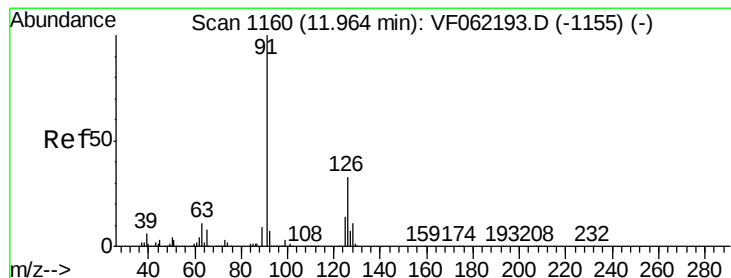
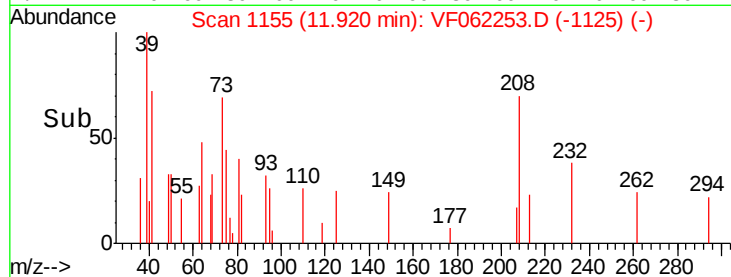
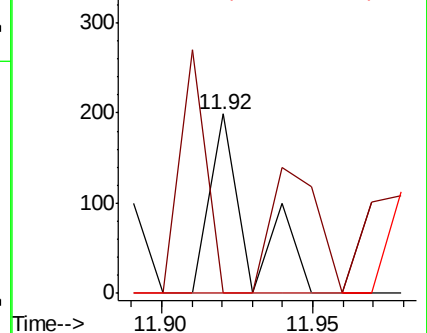
89 0.0 0.0 0.0



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



#82

4-Chlorotoluene

Concen: 69.336 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.09 min

Lab File: VF062253.D

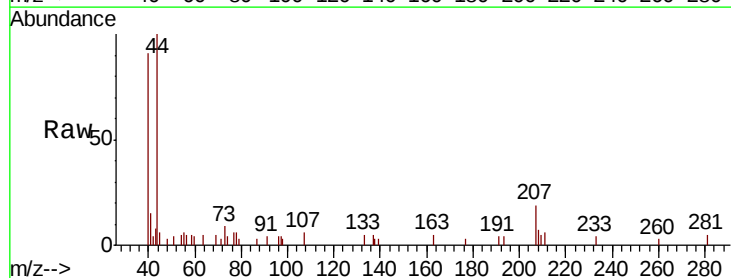
Acq: 22 Apr 2019 19:12

Tgt Ion: 91 Resp: 221

Ion Ratio Lower Upper

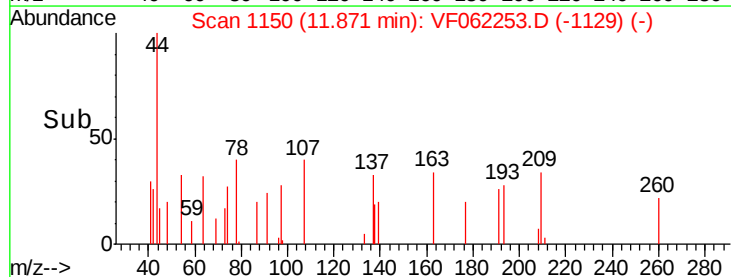
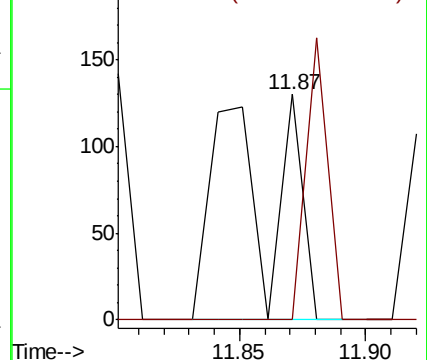
91 100

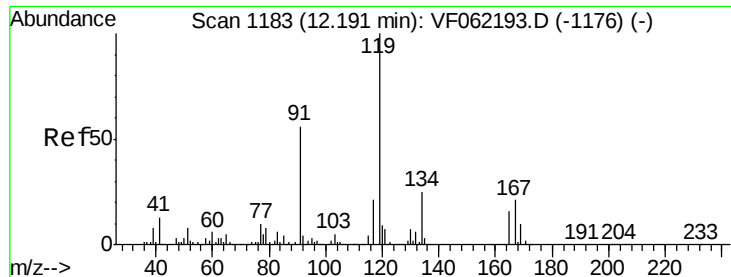
126 43.4 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 14.868 ug/l

RT: 12.20 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

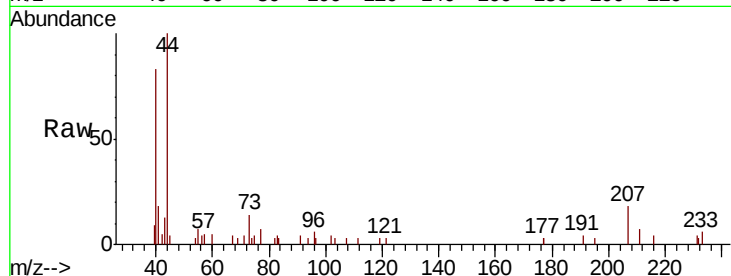
Instrument :

MSVOA_F

ClientSampled :

M-COMP-4.18.19

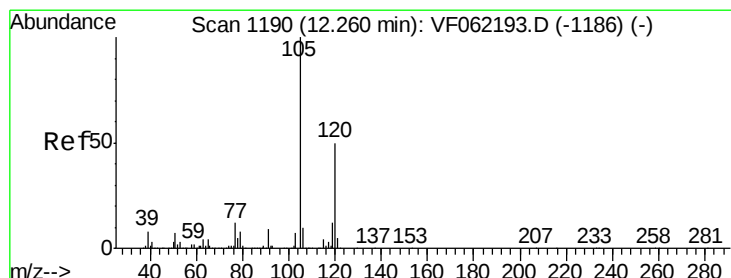
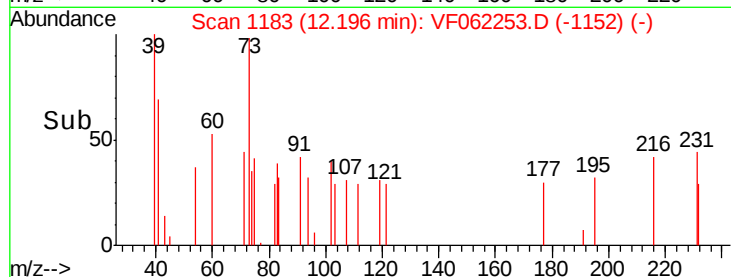
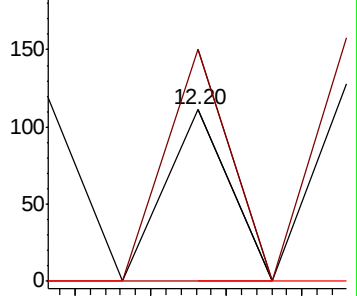
Tot Ion:	119	Resp:	66
Ion	Ratio	Lower	Upper
119	100		
91	0.0	29.4	88.2#
134	0.0	11.8	35.3#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 70.293 ug/l

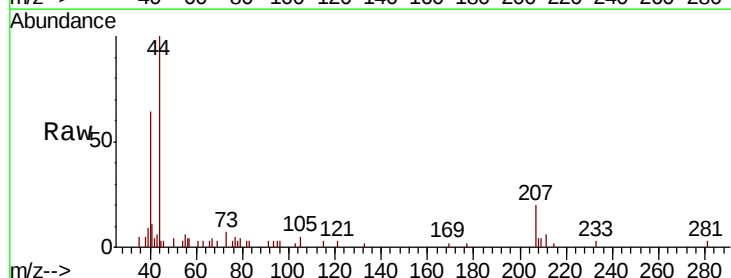
RT: 12.27 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VF062253.D

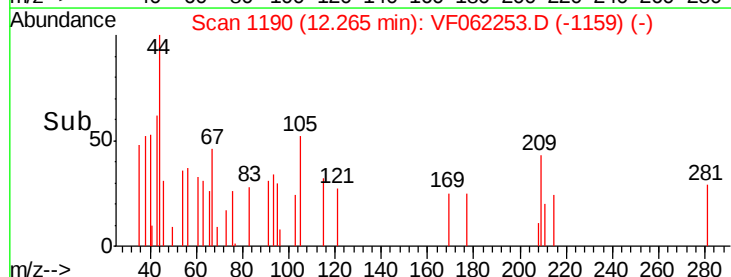
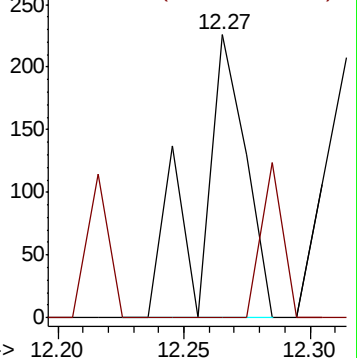
Acq: 22 Apr 2019 19:12

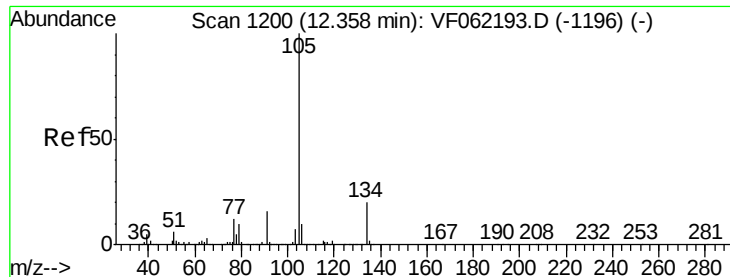
Tgt Ion:	105	Resp:	292
Ion	Ratio	Lower	Upper
105	100		
120	25.0	24.0	72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.310 ug/l

RT: 12.34 min Scan# 1198

Delta R.T. -0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

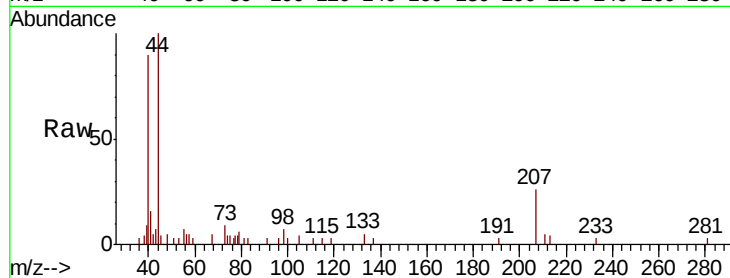
M-COMP-4.18.19

Tot Ion:105 Resp: 94

Ion Ratio Lower Upper

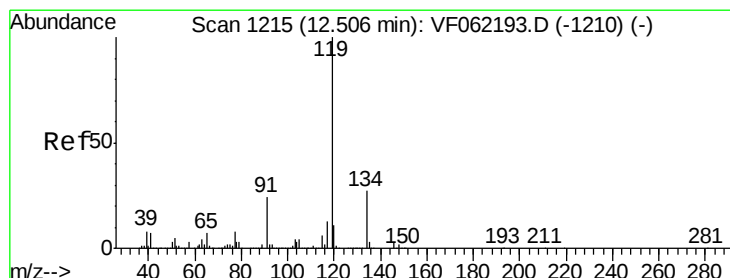
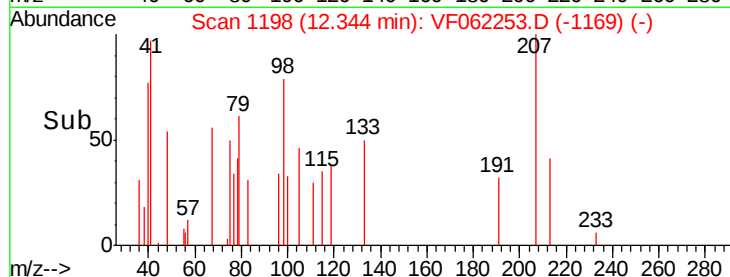
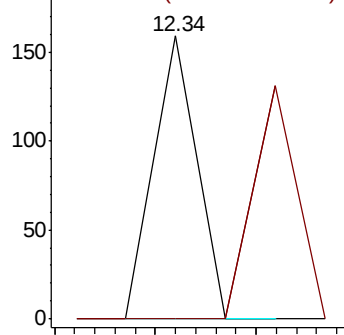
105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 26.796 ug/l

RT: 12.51 min Scan# 1215

Delta R.T. 0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

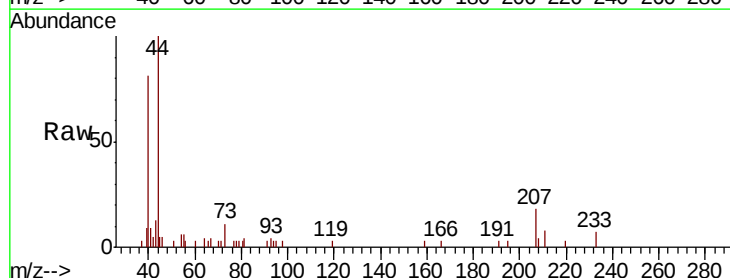
Tgt Ion:119 Resp: 131

Ion Ratio Lower Upper

119 100

134 0.0 13.2 39.5#

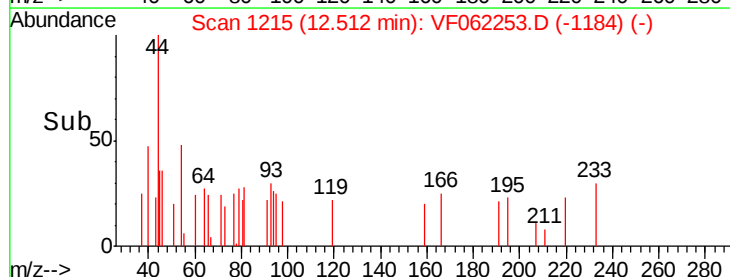
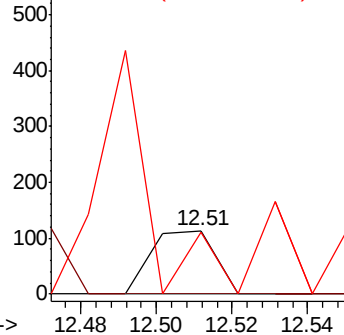
91 74.8 11.7 35.1#

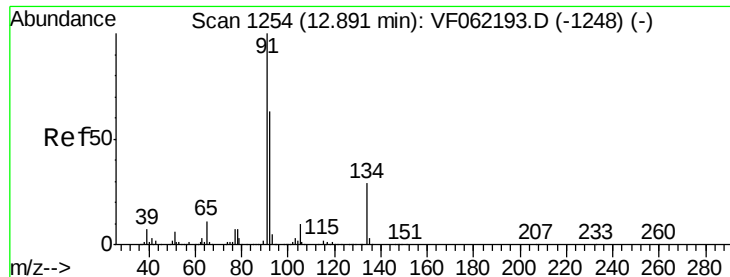


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#89

n-Butylbenzene

Concen: 54.432 ug/l

RT: 12.88 min Scan# 1252

Delta R.T. -0.01 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

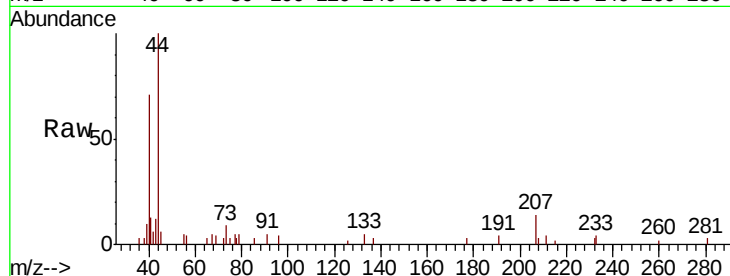
Tot Ion: 91 Resp: 217

Ion Ratio Lower Upper

91 100

92 0.0 31.2 93.6#

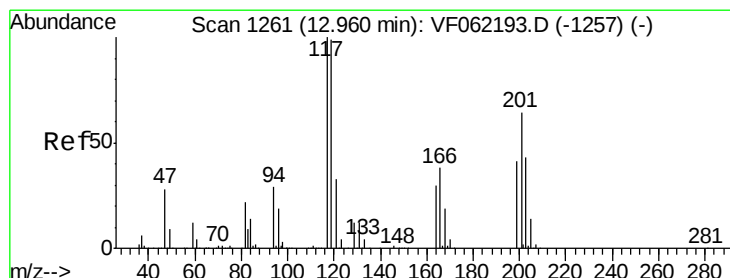
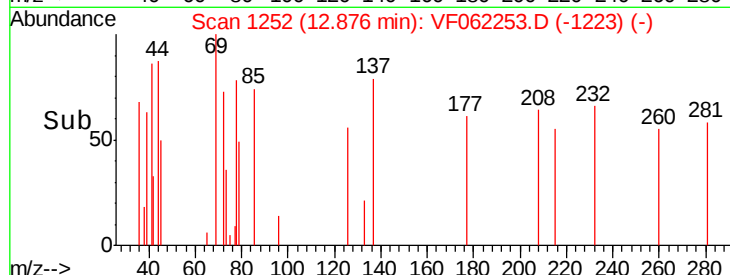
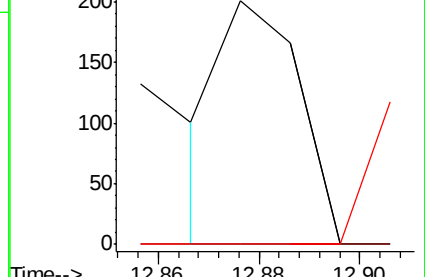
134 0.0 13.1 39.1#



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



#90

Hexachloroethane

Concen: 60.539 ug/l

RT: 12.95 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VF062253.D

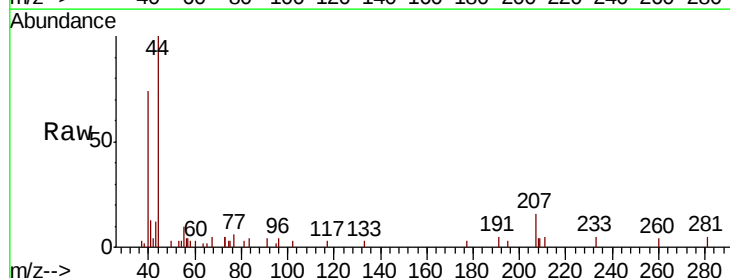
Acq: 22 Apr 2019 19:12

Tgt Ion: 117 Resp: 76

Ion Ratio Lower Upper

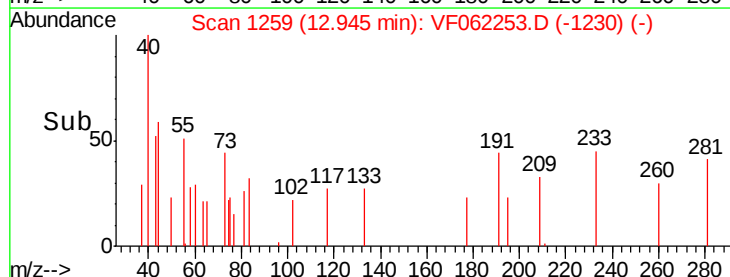
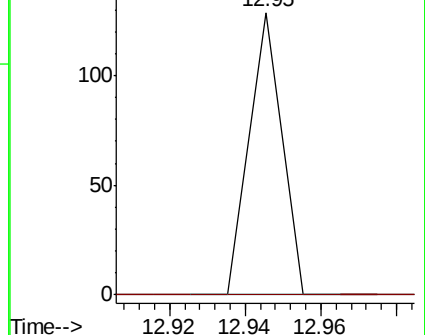
117 100

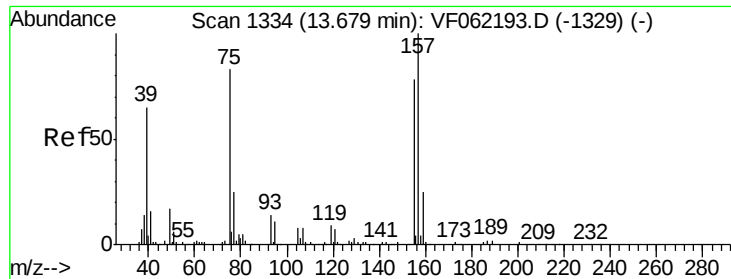
201 0.0 37.7 113.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 941.726 ug/l

RT: 13.70 min Scan# 1336

Delta R.T. 0.02 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

Instrument :

MSVOA_F

ClientSampleId :

M-COMP-4.18.19

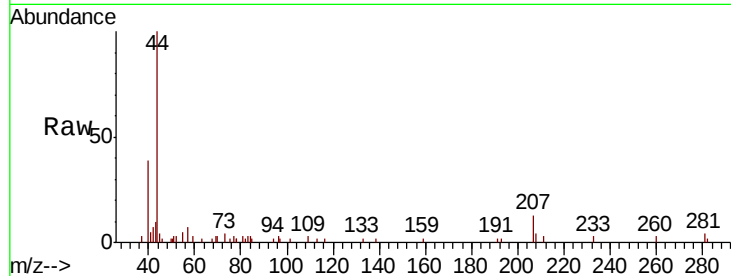
Tot Ion: 75 Resp: 164

Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.8#

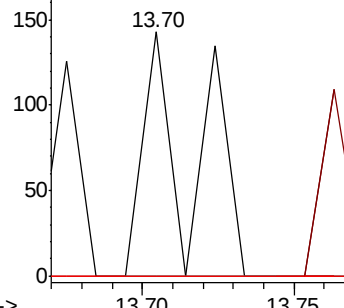
157 0.0 61.3 183.9#



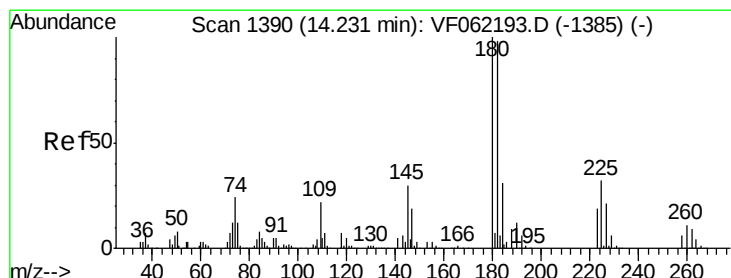
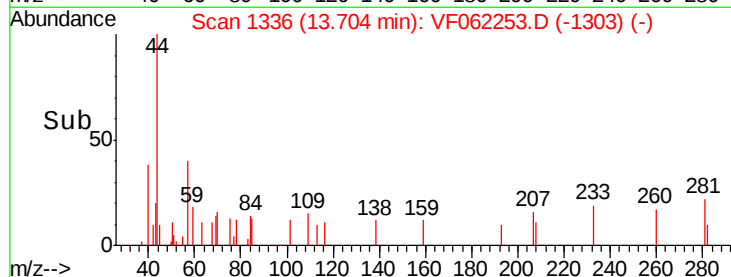
Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 46.518 ug/l

RT: 14.27 min Scan# 1393

Delta R.T. 0.03 min

Lab File: VF062253.D

Acq: 22 Apr 2019 19:12

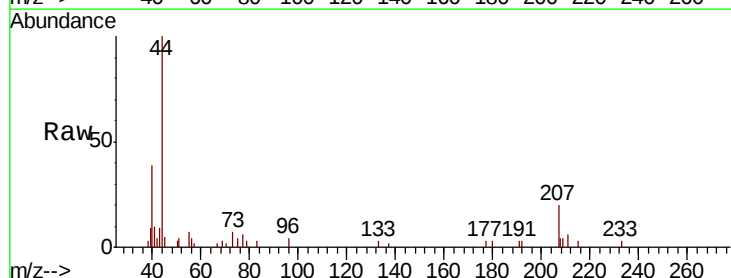
Tgt Ion:180 Resp: 77

Ion Ratio Lower Upper

180 100

182 0.0 49.3 147.9#

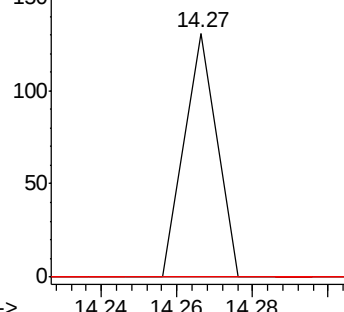
145 0.0 18.1 54.4#



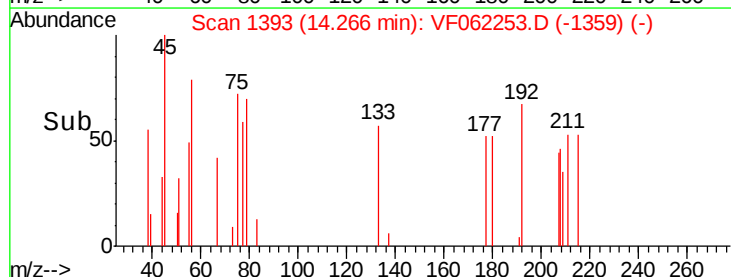
Abundance Ion 179.80 (179.50 to 180.50): V

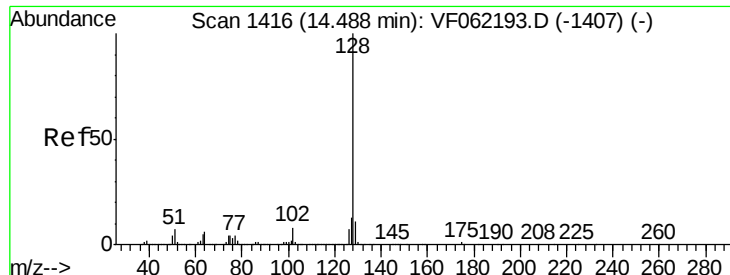
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->

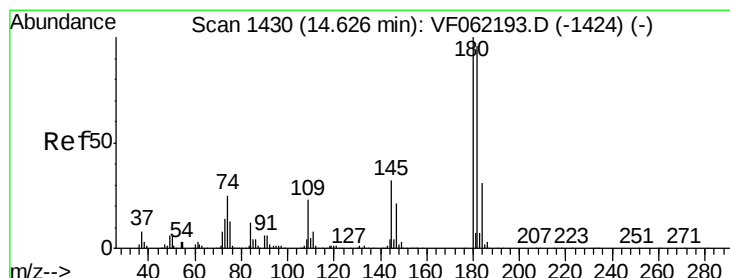
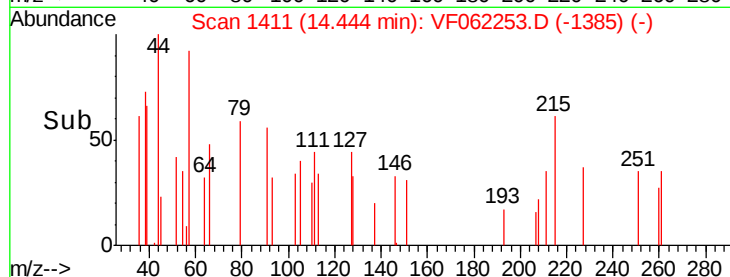
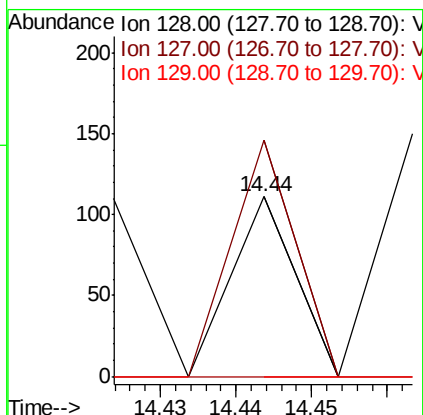
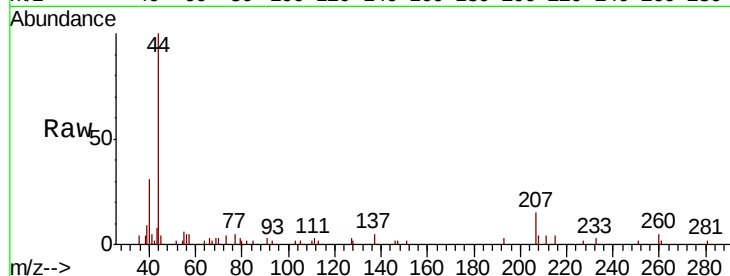




#95
Naphthalene
Concen: 22.804 ug/l
RT: 14.44 min Scan# 1411
Delta R.T. -0.04 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Instrument :
MSVOA_F
ClientSampleId :
M-COMP-4.18.19

Tot Ion:128 Resp: 66
Ion Ratio Lower Upper
128 100
127 130.3 10.4 15.6#
129 0.0 9.2 13.8#



#96
1,2,3-Trichlorobenzene
Concen: 38.386 ug/l
RT: 14.75 min Scan# 1442
Delta R.T. 0.12 min
Lab File: VF062253.D
Acq: 22 Apr 2019 19:12

Tgt Ion:180 Resp: 61
Ion Ratio Lower Upper
180 100
182 0.0 48.4 145.3#
145 0.0 15.6 46.8#

