

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
 Data File : VF062306.D
 Acq On : 26 Apr 2019 15:35
 Operator : FY/SY
 Sample : VF0426SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0426SBS01

Quant Time: Apr 27 00:35:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	396879	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.80	114	546196	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.94	117	397629	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	237725	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	181915	56.59	ug/l	0.02
Spiked Amount 50.000			Recovery =	113.18%		
35) Dibromofluoromethane	4.33	113	212608	52.50	ug/l	0.01
Spiked Amount 50.000			Recovery =	105.00%		
50) Toluene-d8	7.75	98	497960	50.34	ug/l	0.02
Spiked Amount 50.000			Recovery =	100.68%		
62) 4-Bromofluorobenzene	11.52	95	213885	52.46	ug/l	0.01
Spiked Amount 50.000			Recovery =	104.92%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	107653	22.825	ug/l	95
3) Chloromethane	1.15	50	75892	19.101	ug/l	98
4) Vinyl Chloride	1.20	62	72058	19.149	ug/l	99
5) Bromomethane	1.39	94	53219	20.825	ug/l	97
6) Chloroethane	1.45	64	33715	20.438	ug/l	99
7) Trichlorofluoromethane	1.56	101	128759	21.533	ug/l	97
8) Diethyl Ether	1.72	74	21179	19.551	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	1.92	101	84905	22.626	ug/l	97
10) Methyl Iodide	1.99	142	134682	20.533	ug/l	94
11) Tert butyl alcohol	2.73	59	22177	114.041	ug/l	97
12) 1,1-Dichloroethene	1.88	96	67437	20.141	ug/l	90
13) Acrolein	2.12	56	18865	108.307	ug/l	95
14) Allyl chloride	2.22	41	76056	20.872	ug/l #	12
15) Acrylonitrile	3.11	53	50019	92.867	ug/l #	90
16) Acetone	2.37	43	79515	110.472	ug/l	92
17) Carbon Disulfide	1.93	76	170099	19.303	ug/l	99
18) Methyl Acetate	2.48	43	30467	21.029	ug/l #	91
19) Methyl tert-butyl Ether	2.57	73	140129	21.953	ug/l	94
20) Methylene Chloride	2.35	84	71301	20.040	ug/l	92
21) trans-1,2-Dichloroethene	2.44	96	71321	21.554	ug/l	98
22) Diisopropyl ether	2.95	45	202074	20.599	ug/l	97
23) Vinyl Acetate	3.37	43	460723	105.912	ug/l	99
24) 1,1-Dichloroethane	3.03	63	123451	22.049	ug/l	99
25) 2-Butanone	4.56	43	112496	98.570	ug/l	98
26) 2,2-Dichloropropane	3.80	77	64168	22.069	ug/l	98
27) cis-1,2-Dichloroethene	3.67	96	83482	19.923	ug/l	97
28) Bromochloromethane	3.93	49	46628	19.762	ug/l #	98
29) Tetrahydrofuran	4.30	42	50419	100.541	ug/l	95
30) Chloroform	4.08	83	149939	21.327	ug/l	99
31) Cyclohexane	3.91	56	103118	19.355	ug/l	97
32) 1,1,1-Trichloroethane	4.31	97	131276	23.782	ug/l #	84
36) 1,1-Dichloropropene	4.50	75	109414	21.713	ug/l	98
37) Ethyl Acetate	4.34	43	47405	22.361	ug/l #	79
38) Carbon Tetrachloride	4.22	117	150805	29.438	ug/l	96

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Quant Time: Apr 27 00:35:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.67	83	121666	20.683	ug/l	98
40) Benzene	4.86	78	250255	20.555	ug/l	97
41) Methacrylonitrile	4.97	41	24620	20.905	ug/l #	64
42) 1,2-Dichloroethane	5.16	62	90985	23.590	ug/l	99
43) Isopropyl Acetate	7.14	43	47255	21.633	ug/l #	97
44) Trichloroethene	5.71	130	90323	21.928	ug/l	98
45) 1,2-Dichloropropane	6.43	63	57872	21.083	ug/l	100
46) Dibromomethane	6.30	93	44153	22.276	ug/l	97
47) Bromodichloromethane	6.58	83	106715	22.902	ug/l	92
48) Methyl methacrylate	6.91	41	30292	19.503	ug/l	97
49) 1,4-Dioxane	6.91	88	6201	346.723	ug/l #	83
51) 4-Methyl-2-Pentanone	8.44	43	168505	100.880	ug/l	97
52) Toluene	7.80	92	138837	19.763	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	76232	22.248	ug/l	95
54) cis-1,3-Dichloropropene	7.49	75	93720	21.351	ug/l	98
55) 1,1,2-Trichloroethane	8.66	97	43190	21.646	ug/l	97
56) Ethyl methacrylate	8.79	69	44250	20.187	ug/l	92
57) 1,3-Dichloropropane	9.03	76	65627	20.920	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.48	63	70071	105.054	ug/l	95
59) 2-Hexanone	9.65	43	118003	107.654	ug/l	97
60) Dibromochloromethane	8.89	129	70543	21.784	ug/l	99
61) 1,2-Dibromoethane	9.16	107	49174	21.294	ug/l	97
64) Tetrachloroethene	8.34	164	73046	21.963	ug/l	98
65) Chlorobenzene	9.96	112	154700	21.290	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.09	131	75724	22.125	ug/l	97
67) Ethyl Benzene	10.06	91	283691	22.458	ug/l	95
68) m/p-Xylenes	10.29	106	212334	45.147	ug/l	93
69) o-Xylene	10.84	106	109327	20.807	ug/l	94
70) Styrene	10.91	104	165457	21.783	ug/l	98
71) Bromoform	10.90	173	43228	22.438	ug/l #	97
73) Isopropylbenzene	11.23	105	335277	20.585	ug/l	98
74) N-amyl acetate	11.47	43	71550	19.066	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.79	83	53359	20.620	ug/l	96
76) 1,2,3-Trichloropropane	11.89	75	38598	21.023	ug/l #	100
77) Bromobenzene	11.60	156	86593	21.267	ug/l	99
78) n-propylbenzene	11.69	91	357971	20.887	ug/l	98
79) 2-Chlorotoluene	11.82	91	225012	21.797	ug/l	98
80) 1,3,5-Trimethylbenzene	11.91	105	288067	20.950	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.96	75	23783	28.980	ug/l #	71
82) 4-Chlorotoluene	11.99	91	218604	21.401	ug/l	98
83) tert-Butylbenzene	12.22	119	300891	21.323	ug/l	99
84) 1,2,4-Trimethylbenzene	12.29	105	285392	21.431	ug/l	97
85) sec-Butylbenzene	12.39	105	371372	21.130	ug/l	99
86) p-Isopropyltoluene	12.54	119	347213	22.035	ug/l	97
87) 1,3-Dichlorobenzene	12.56	146	161204	22.378	ug/l	98
88) 1,4-Dichlorobenzene	12.64	146	148745	21.778	ug/l	99
89) n-Butylbenzene	12.92	91	306490	21.406	ug/l	96
90) Hexachloroethane	12.99	117	87135	22.060	ug/l	99
91) 1,2-Dichlorobenzene	13.02	146	147918	21.392	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.71	75	10381	19.886	ug/l	93

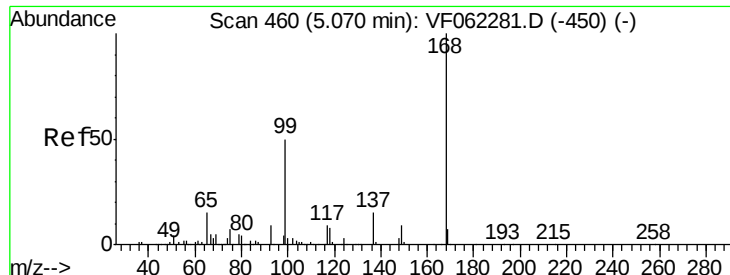
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042619\
Data File : VF062306.D
Acq On : 26 Apr 2019 15:35
Operator : FY/SY
Sample : VF0426SBS01
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MSVOA_F
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	138123	22.737	ug/l	98
94) Hexachlorobutadiene	14.25	225	98549	22.558	ug/l	99
95) Naphthalene	14.51	128	195087	20.729	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	130590	22.730	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 462

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

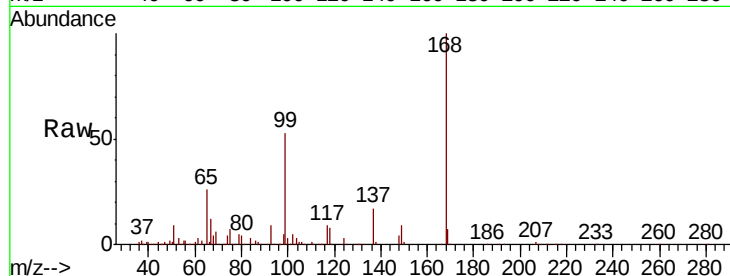
VF0426SBS01

Tot Ion:168 Resp: 396879

Ion Ratio Lower Upper

168 100

99 53.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

150000

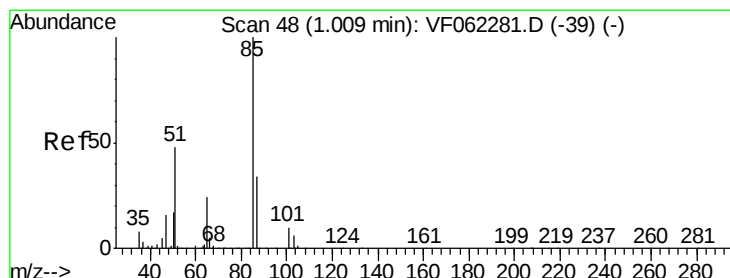
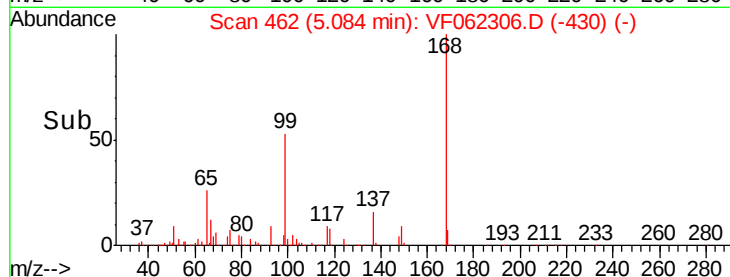
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50000

0

Time-->

5.00 5.20 5.40



#2

Dichlorodifluoromethane

Concen: 22.825 ug/l

RT: 1.01 min Scan# 49

Delta R.T. 0.00 min

Lab File: VF062306.D

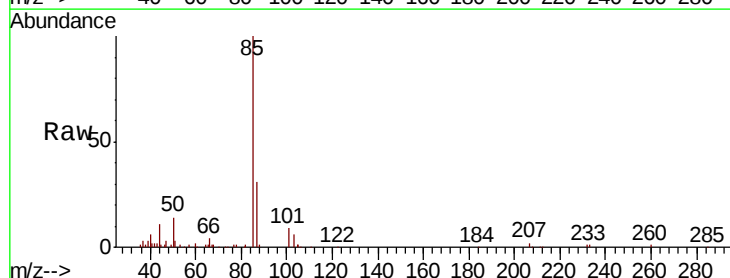
Acq: 26 Apr 2019 15:35

Tgt Ion: 85 Resp: 107653

Ion Ratio Lower Upper

85 100

87 31.1 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.01

30000

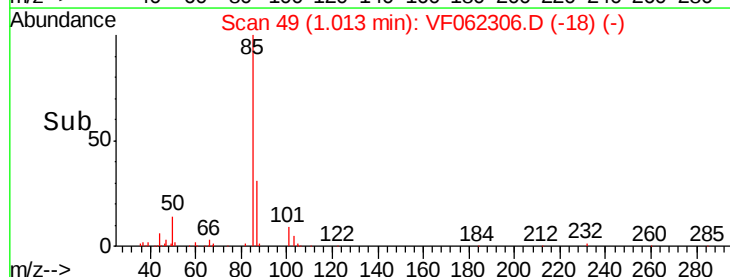
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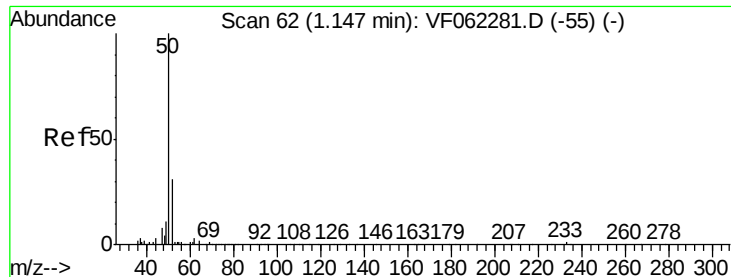
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Time-->

0.80 1.00 1.20





#3

Chloromethane

Concen: 19.101 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

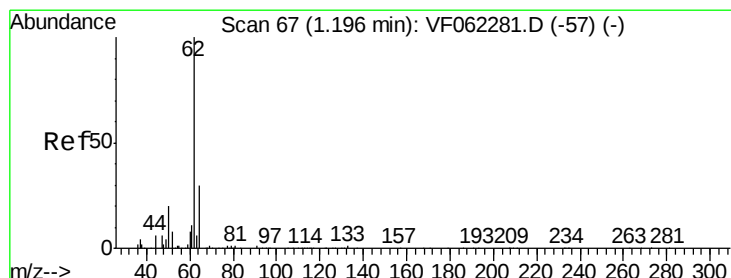
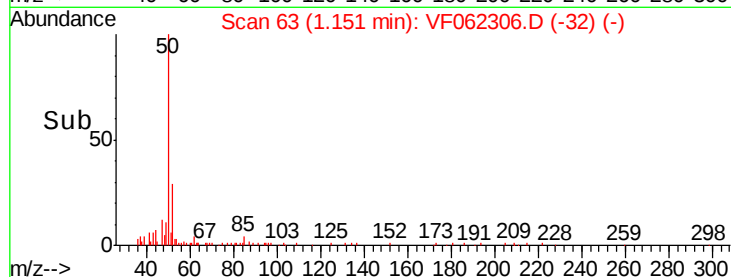
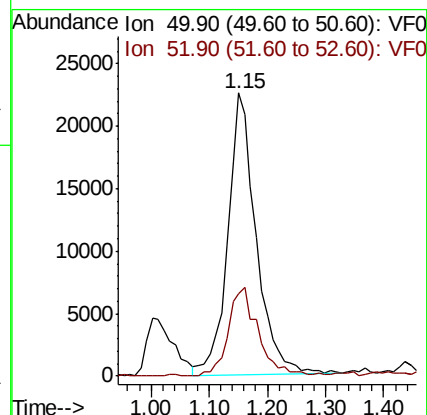
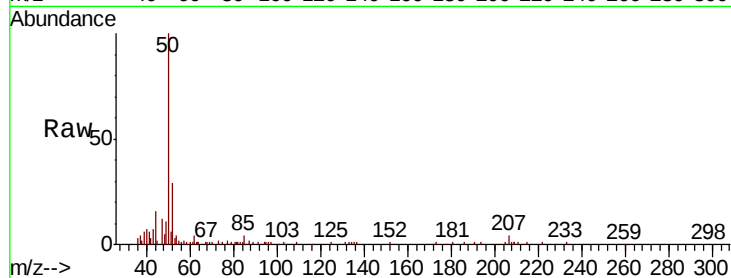
VF0426SBS01

Tot Ion: 50 Resp: 75892

Ion Ratio Lower Upper

50 100

52 29.2 24.2 36.4



#4

Vinyl Chloride

Concen: 19.149 ug/l

RT: 1.20 min Scan# 68

Delta R.T. 0.00 min

Lab File: VF062306.D

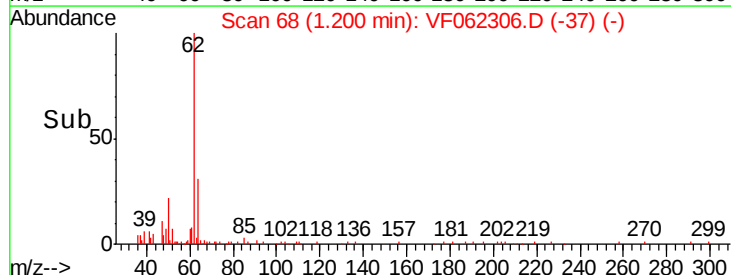
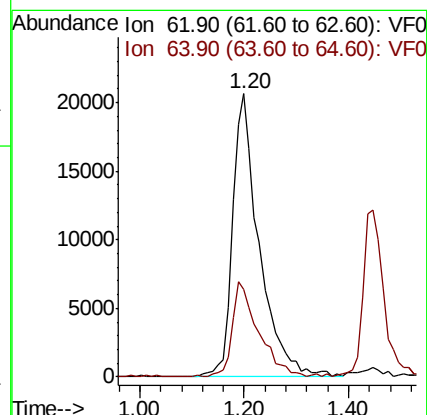
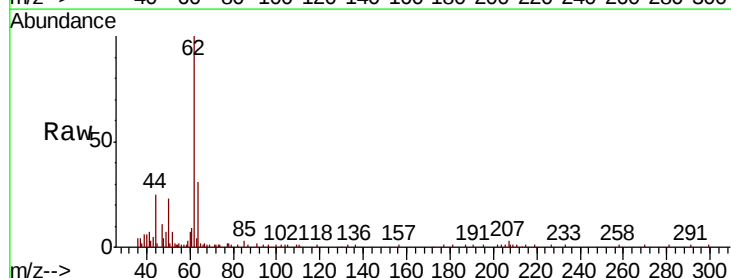
Acq: 26 Apr 2019 15:35

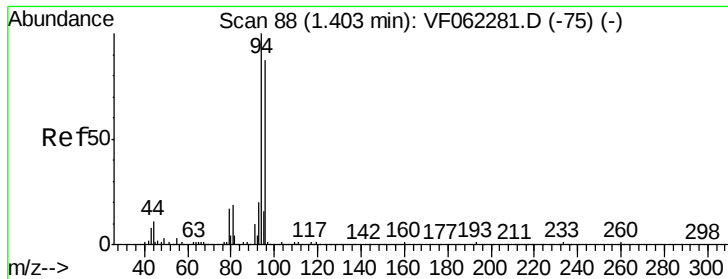
Tgt Ion: 62 Resp: 72058

Ion Ratio Lower Upper

62 100

64 30.9 24.3 36.5





#5

Bromomethane

Concen: 20.825 ug/l

RT: 1.39 min Scan# 87

Delta R.T. -0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

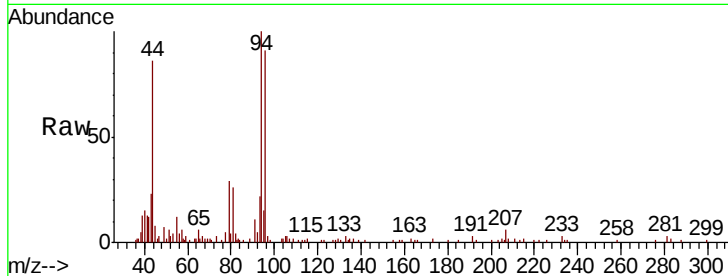
VF0426SBS01

Tot Ion: 94 Resp: 53219

Ion Ratio Lower Upper

94 100

96 89.7 69.5 104.3



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

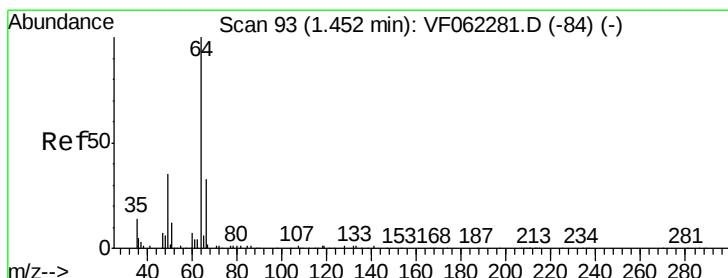
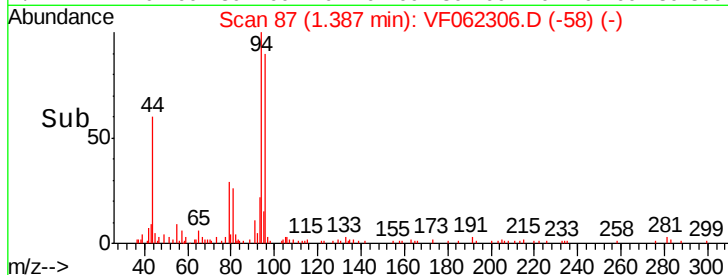
1.39

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.438 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.01 min

Lab File: VF062306.D

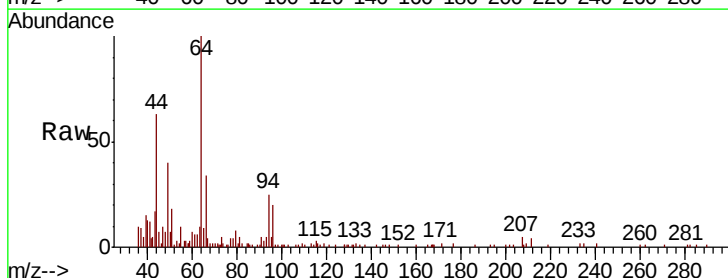
Acq: 26 Apr 2019 15:35

Tgt Ion: 64 Resp: 33715

Ion Ratio Lower Upper

64 100

66 32.0 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0

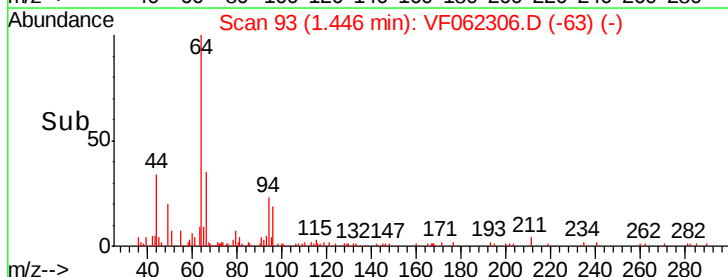
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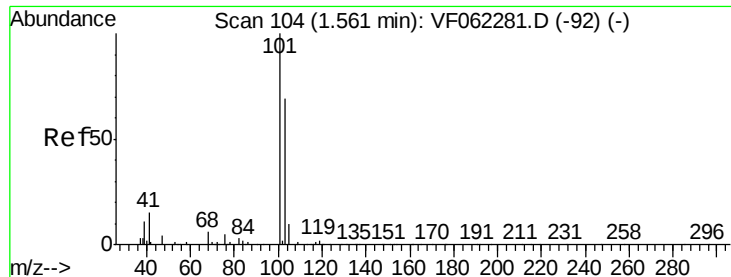
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5000

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Time-->



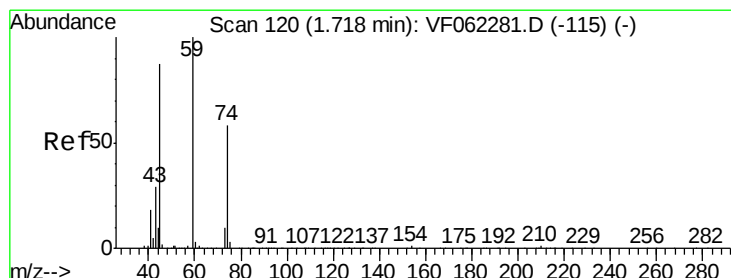
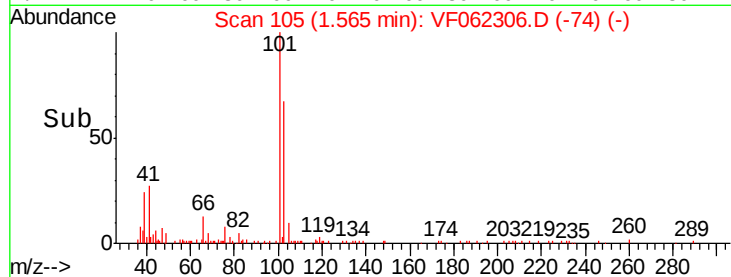
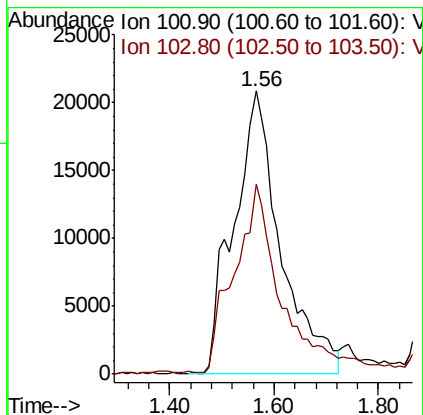
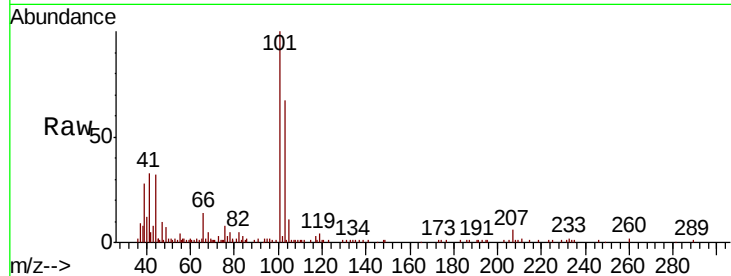


#7

Trichlorofluoromethane
Concen: 21.533 ug/l
RT: 1.56 min Scan# 105
Delta R.T. 0.00 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

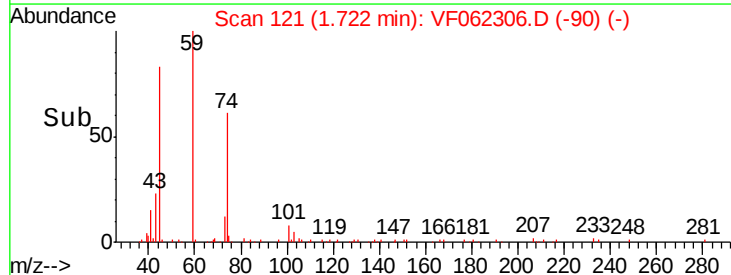
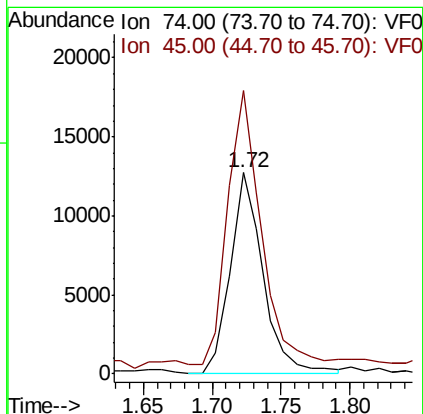
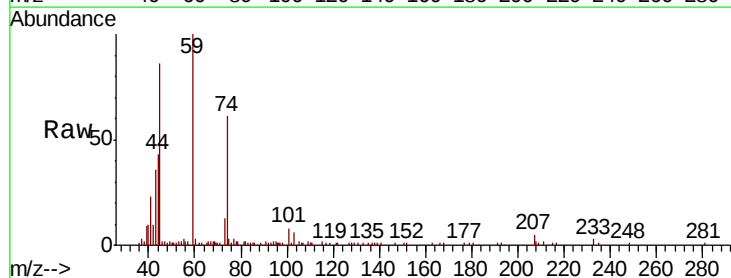
Tot Ion:101 Resp: 128759
Ion Ratio Lower Upper
101 100
103 66.2 55.0 82.6

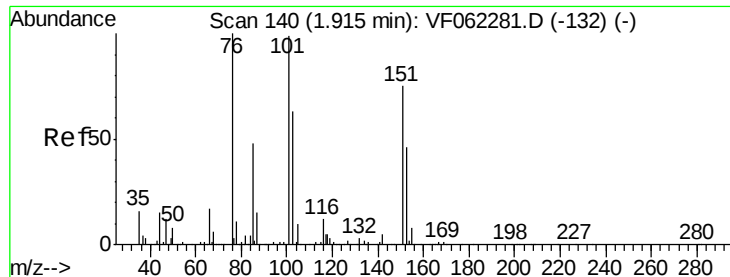


#8

Diethyl Ether
Concen: 19.551 ug/l
RT: 1.72 min Scan# 121
Delta R.T. 0.00 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion: 74 Resp: 21179
Ion Ratio Lower Upper
74 100
45 138.4 74.0 222.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.626 ug/l

RT: 1.92 min Scan# 141

Delta R.T. 0.00 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

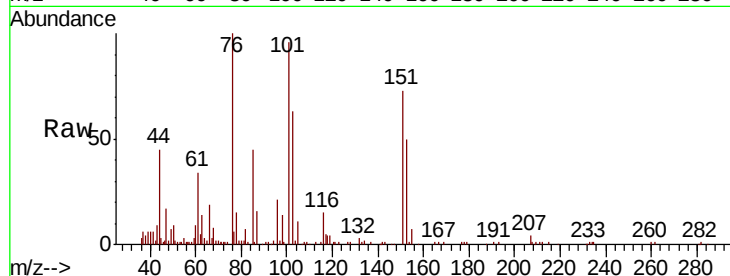
Tot Ion:101 Resp: 84905

Ion Ratio Lower Upper

101 100

85 43.7 36.5 54.7

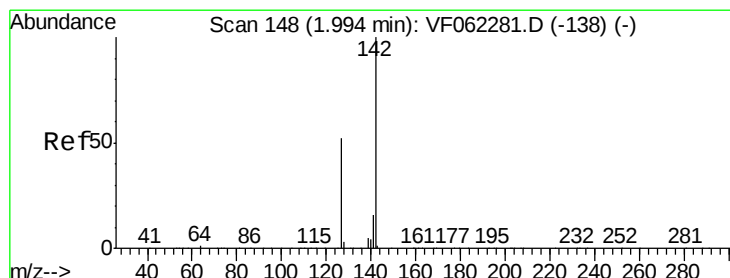
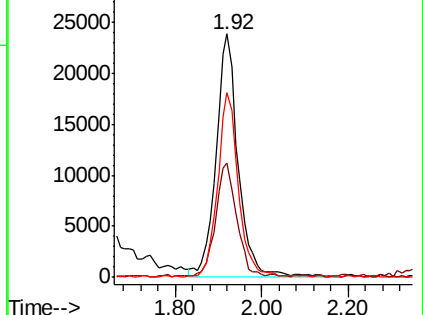
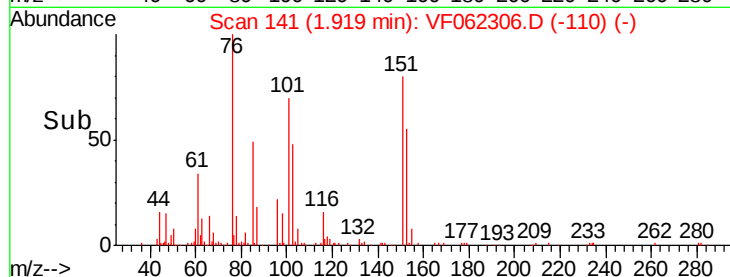
151 71.4 59.2 88.8



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



#10

Methyl Iodide

Concen: 20.533 ug/l

RT: 1.99 min Scan# 148

Delta R.T. -0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

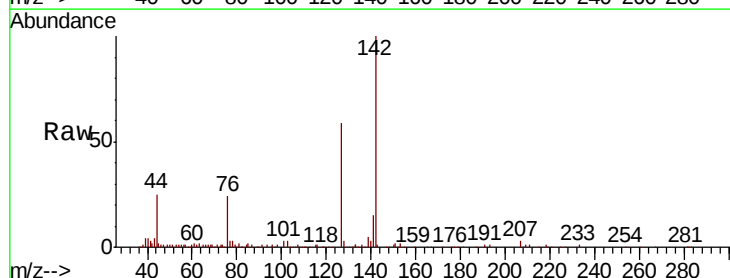
Tgt Ion:142 Resp: 134682

Ion Ratio Lower Upper

142 100

127 58.8 43.0 64.4

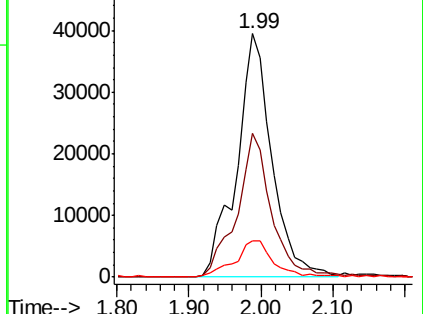
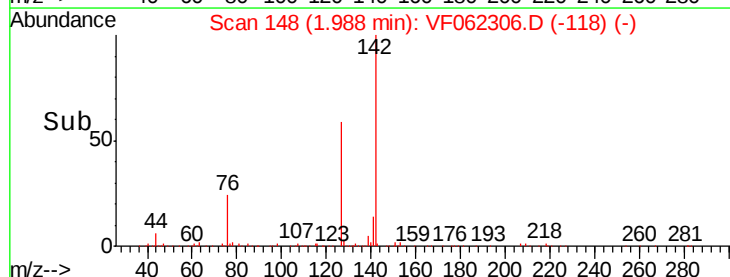
141 16.3 12.3 18.5

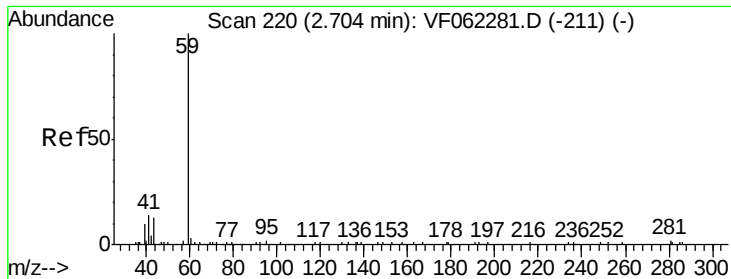


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

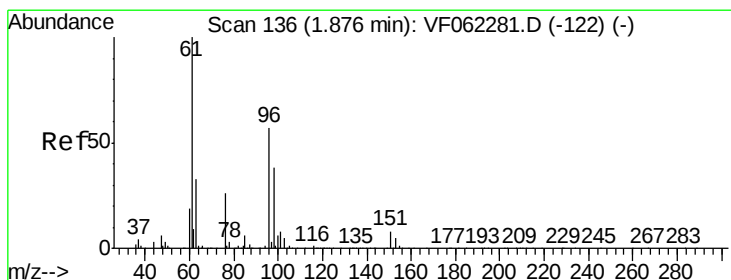
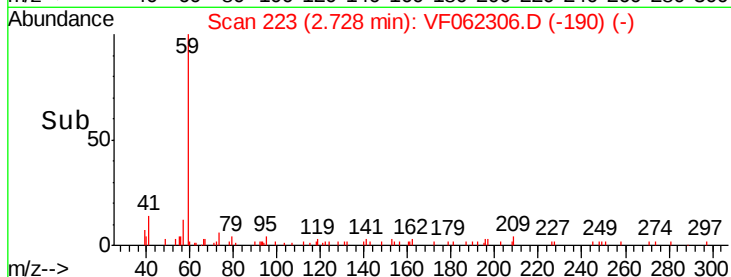
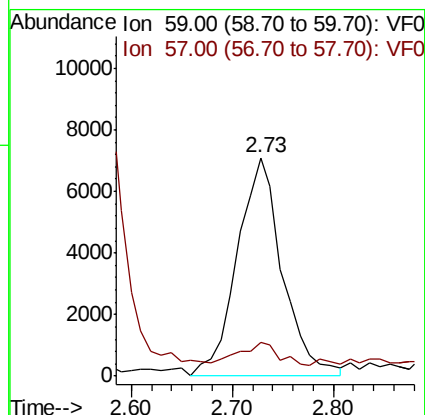
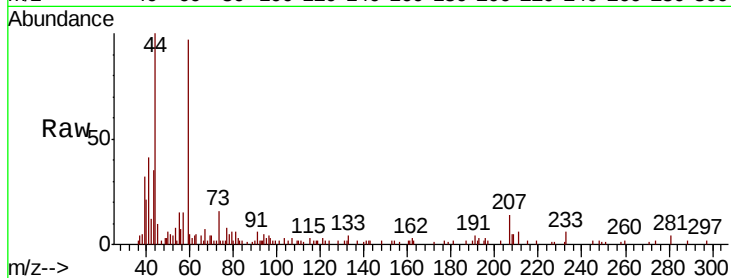




#11
Tert butyl alcohol
Concen: 114.041 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

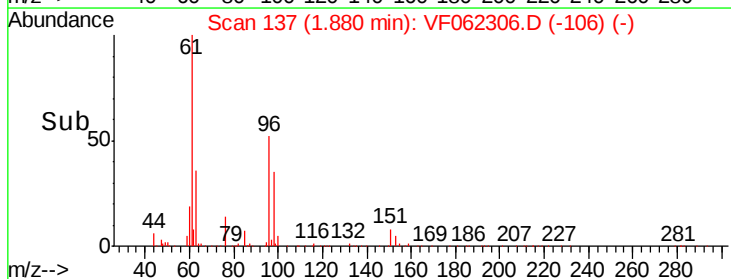
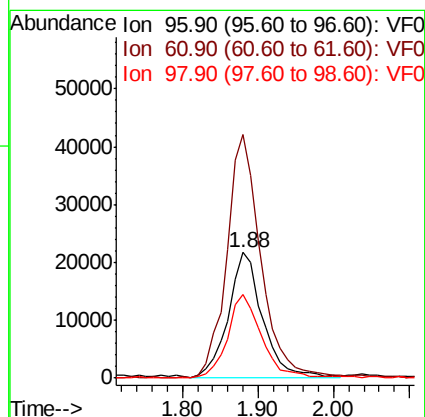
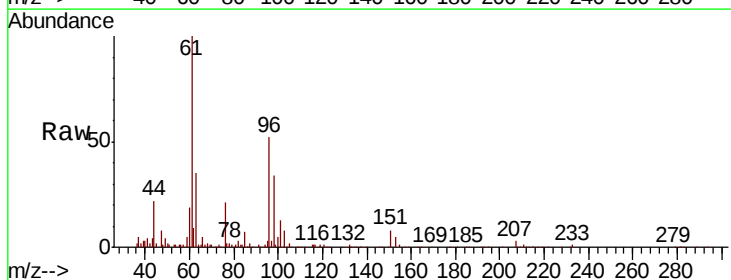
Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

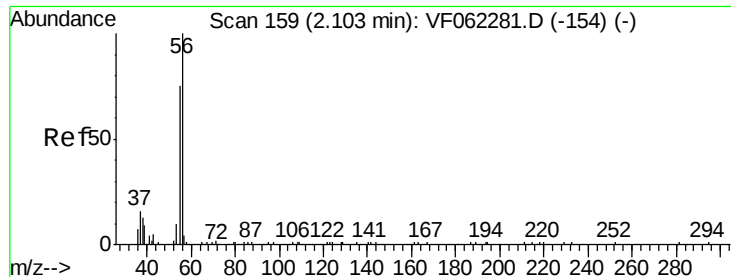
Tot Ion: 59 Resp: 22177
Ion Ratio Lower Upper
59 100
57 9.7 8.8 13.2



#12
1,1-Dichloroethene
Concen: 20.141 ug/l
RT: 1.88 min Scan# 137
Delta R.T. 0.00 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion: 96 Resp: 67437
Ion Ratio Lower Upper
96 100
61 195.0 141.1 211.7
98 66.7 53.4 80.0





#13

Acrolein

Concen: 108.307 ug/l

RT: 2.12 min Scan# 161

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

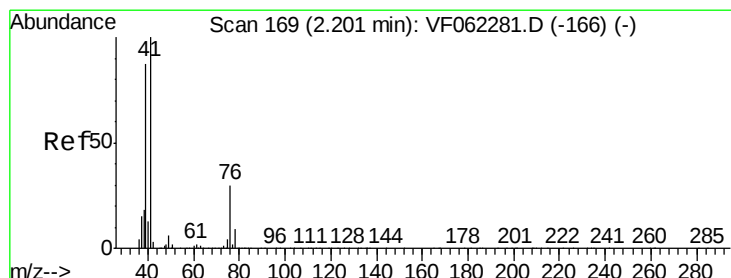
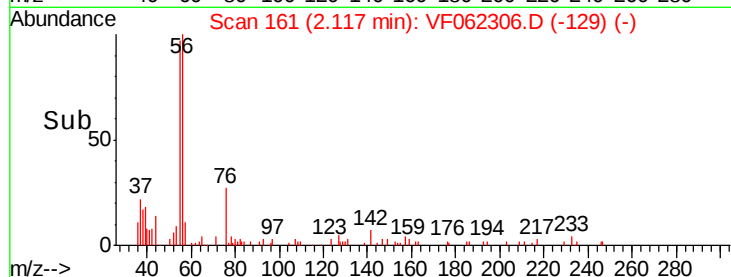
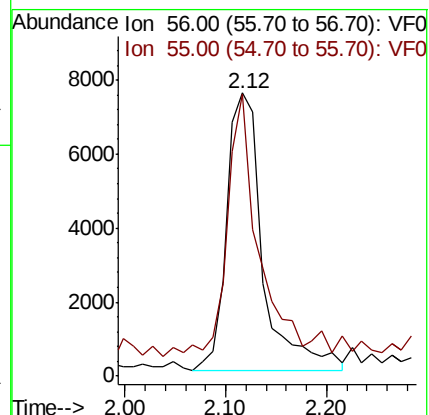
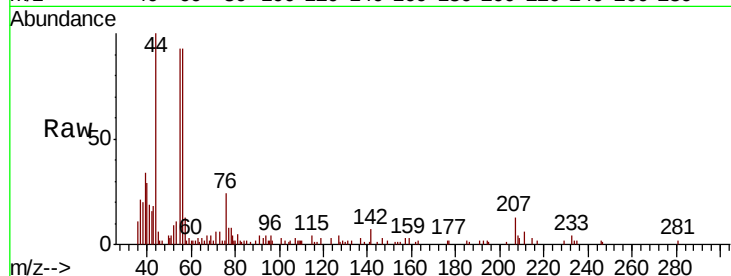
VF0426SBS01

Tot Ion: 56 Resp: 18865

Ion Ratio Lower Upper

56 100

55 81.8 62.3 93.5



#14

Allyl chloride

Concen: 20.872 ug/l

RT: 2.22 min Scan# 171

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

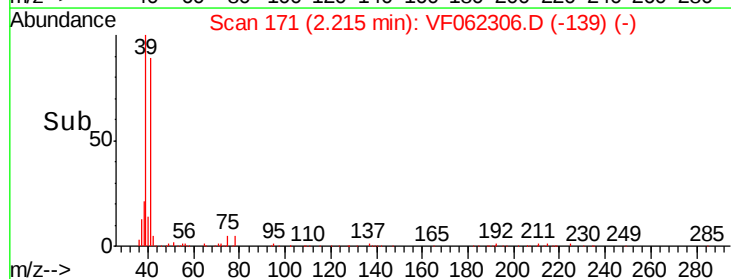
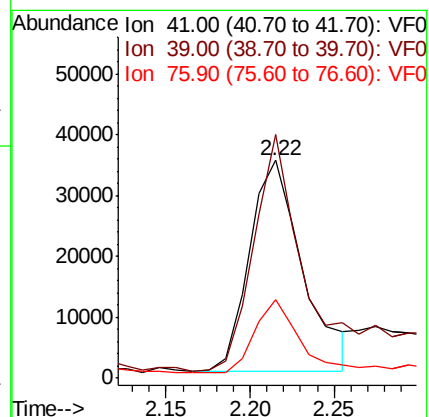
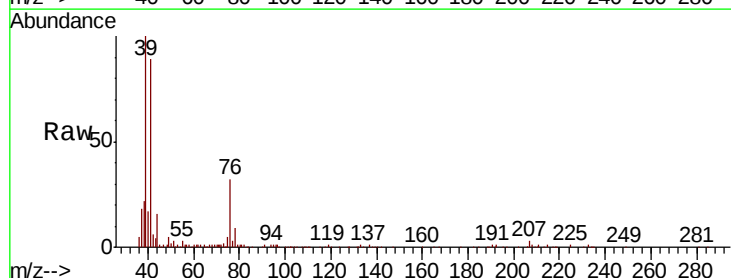
Tgt Ion: 41 Resp: 76056

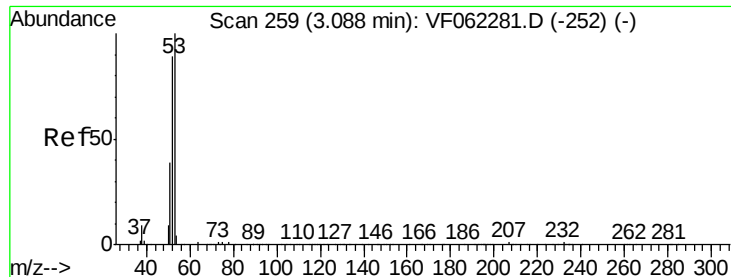
Ion Ratio Lower Upper

41 100

39 145.1 50.3 75.5#

76 30.9 14.8 22.2#





#15

Acrylonitrile

Concen: 92.867 ug/l

RT: 3.11 min Scan# 262

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

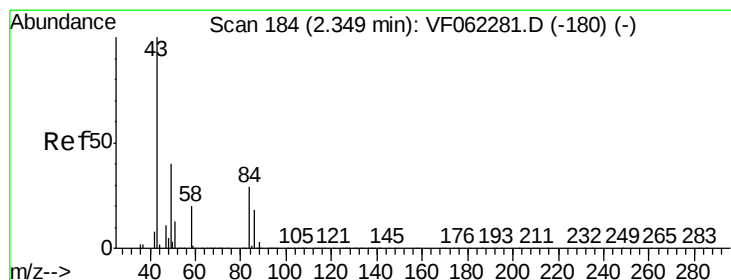
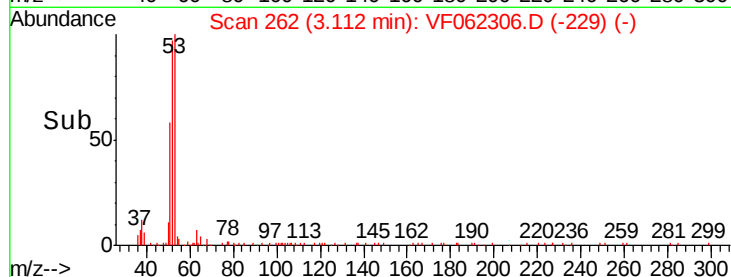
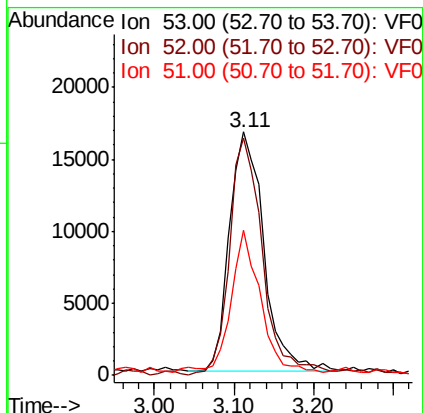
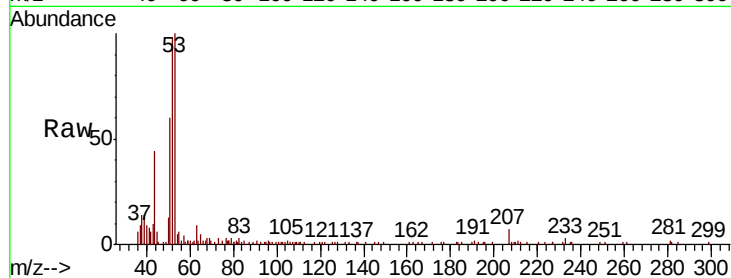
Tot Ion: 53 Resp: 50019

Ion Ratio Lower Upper

53 100

52 96.4 70.6 105.8

51 49.1 32.6 48.8#



#16

Acetone

Concen: 110.472 ug/l

RT: 2.37 min Scan# 187

Delta R.T. 0.02 min

Lab File: VF062306.D

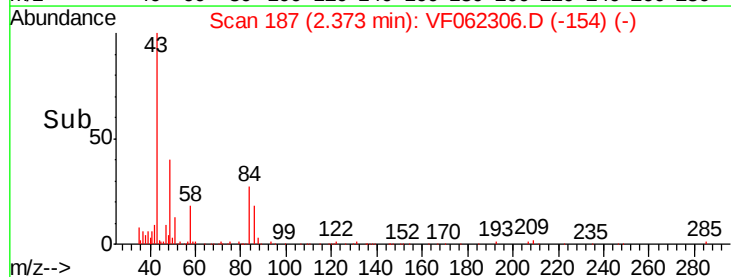
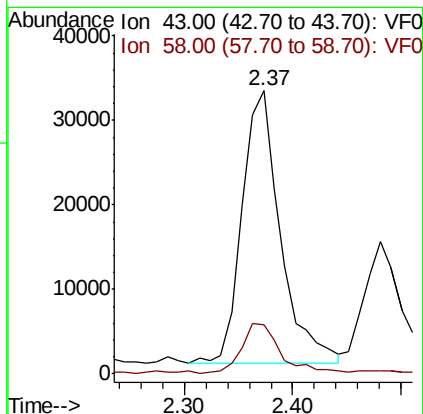
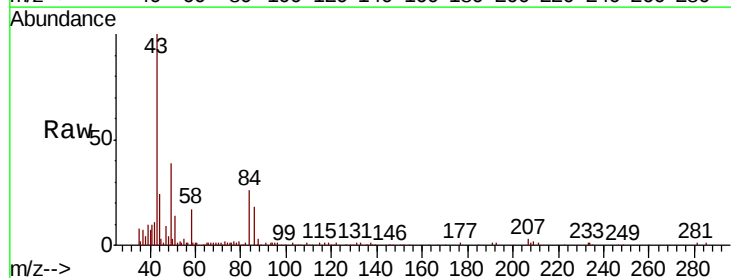
Acq: 26 Apr 2019 15:35

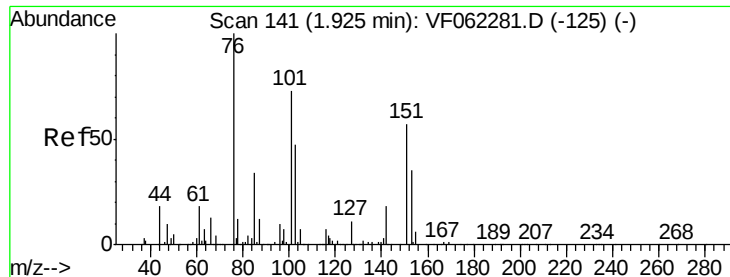
Tgt Ion: 43 Resp: 79515

Ion Ratio Lower Upper

43 100

58 16.9 16.4 24.6





#17

Carbon Disulfide

Concen: 19.303 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.00 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

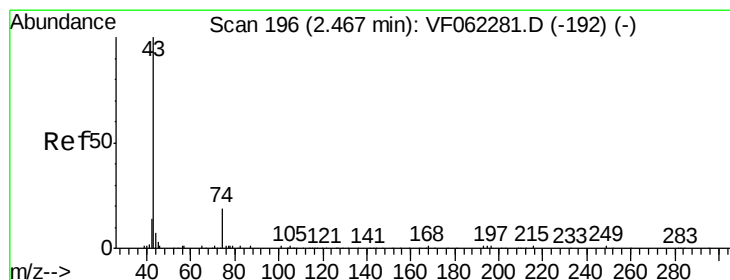
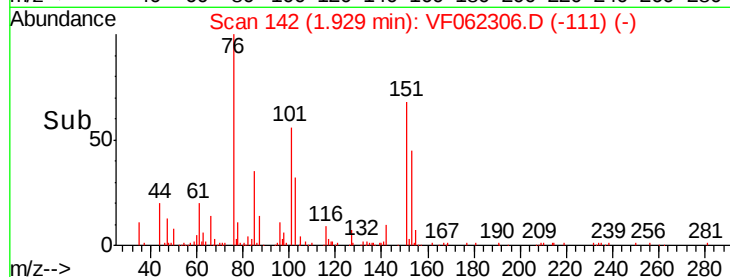
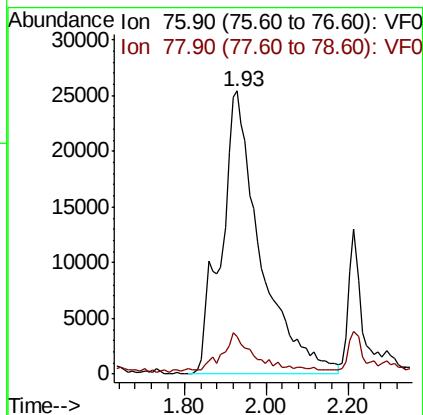
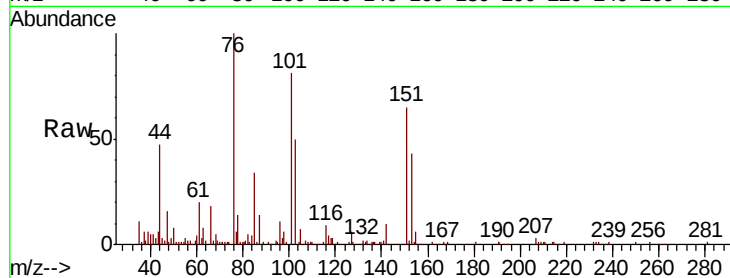
VF0426SBS01

Tot Ion: 76 Resp: 170099

Ion Ratio Lower Upper

76 100

78 12.0 9.8 14.8



#18

Methyl Acetate

Concen: 21.029 ug/l

RT: 2.48 min Scan# 198

Delta R.T. 0.01 min

Lab File: VF062306.D

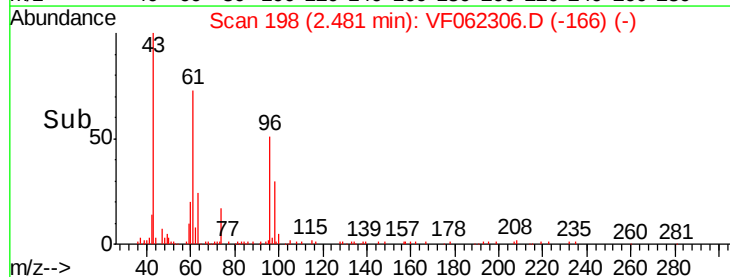
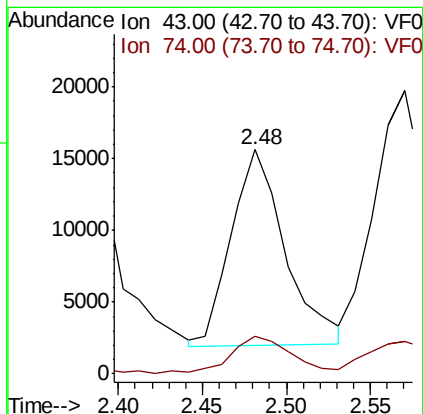
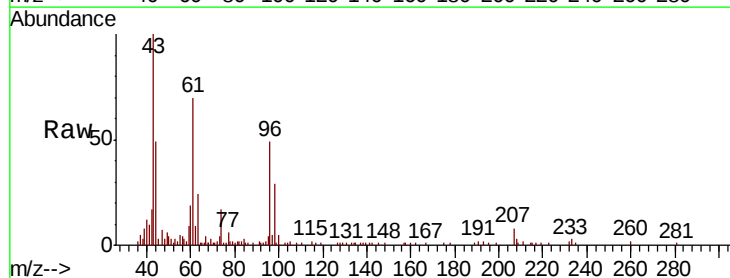
Acq: 26 Apr 2019 15:35

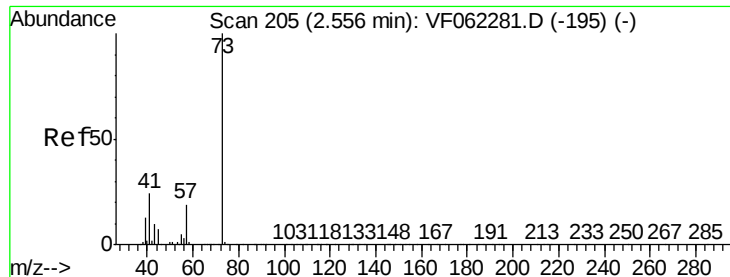
Tgt Ion: 43 Resp: 30467

Ion Ratio Lower Upper

43 100

74 21.9 14.4 21.6#



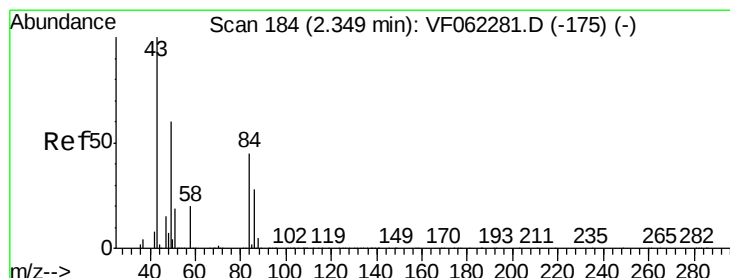
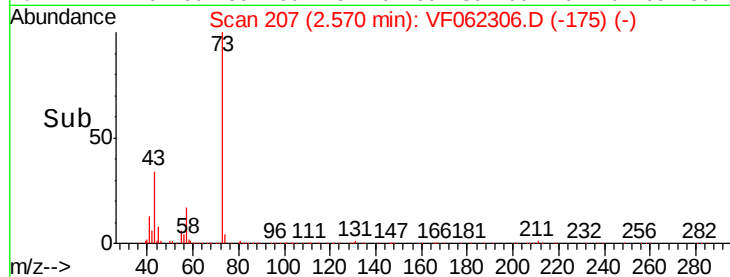
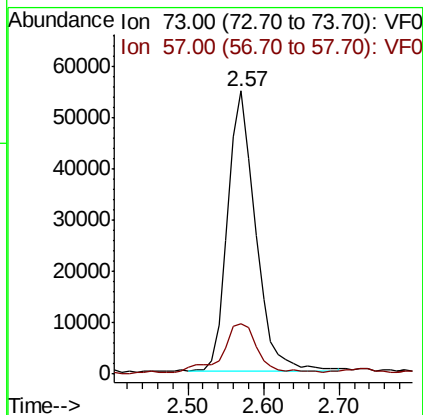
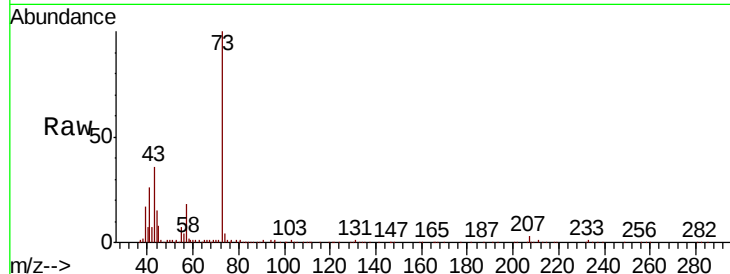


#19

Methyl tert-butyl Ether
 Concen: 21.953 ug/l
 RT: 2.57 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0426SBS01

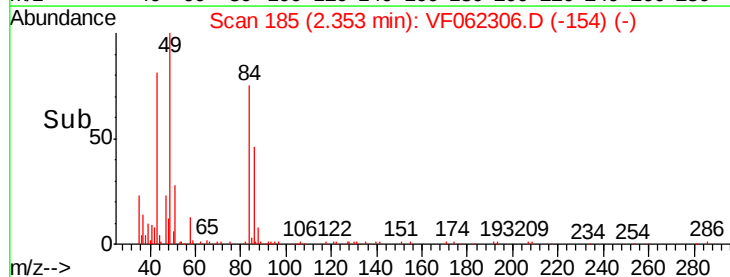
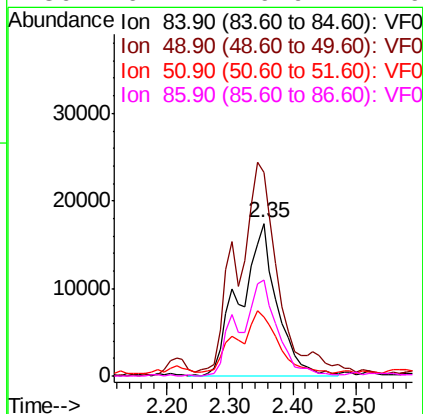
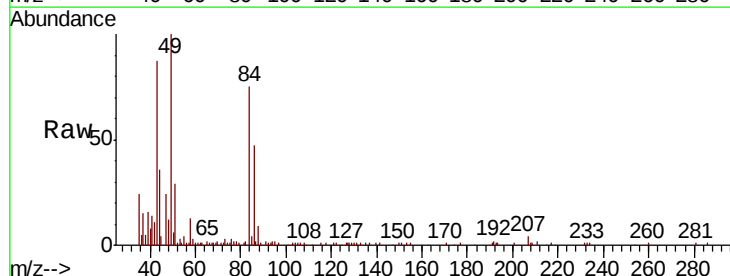
Tot Ion: 73 Resp: 140129
 Ion Ratio Lower Upper
 73 100
 57 16.7 15.5 23.3

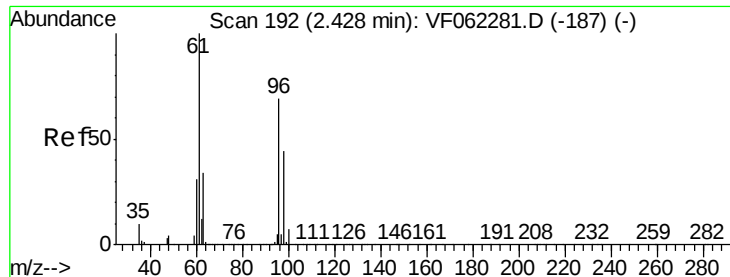


#20

Methylene Chloride
 Concen: 20.040 ug/l
 RT: 2.35 min Scan# 185
 Delta R.T. 0.00 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

Tgt Ion: 84 Resp: 71301
 Ion Ratio Lower Upper
 84 100
 49 128.5 112.1 168.1
 51 36.7 35.9 53.9
 86 62.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.554 ug/l

RT: 2.44 min Scan# 194

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

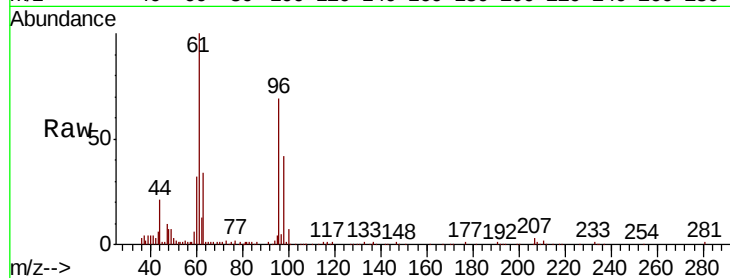
Tot Ion: 96 Resp: 71321

Ion Ratio Lower Upper

96 100

61 144.8 116.2 174.2

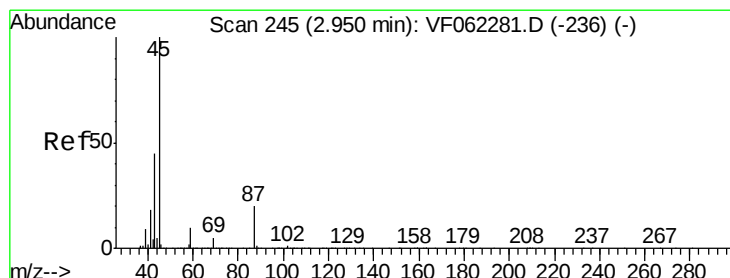
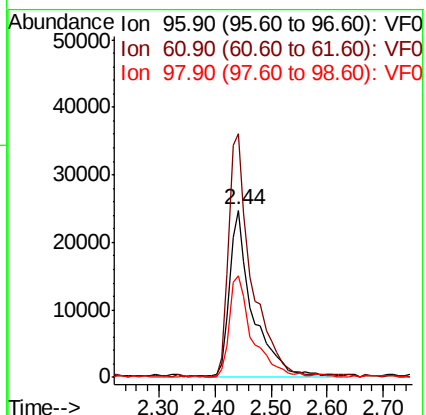
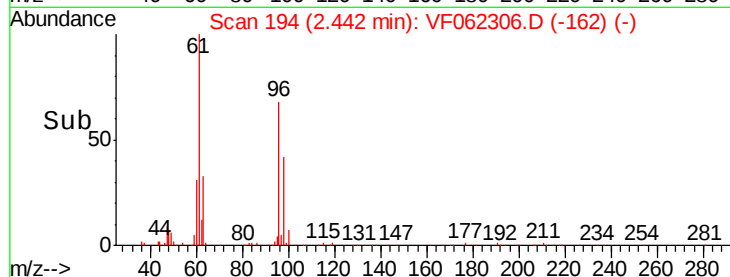
98 61.0 51.4 77.0



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



#22

Diisopropyl ether

Concen: 20.599 ug/l

RT: 2.95 min Scan# 246

Delta R.T. 0.00 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Tgt Ion: 45 Resp: 202074

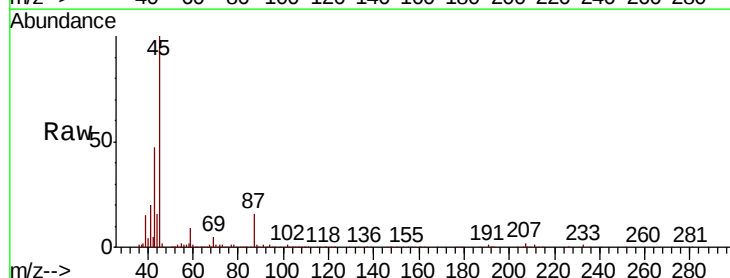
Ion Ratio Lower Upper

45 100

43 45.7 36.2 54.2

87 16.0 15.8 23.6

59 8.5 7.8 11.8

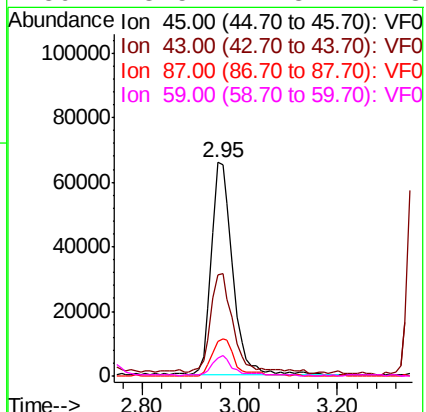
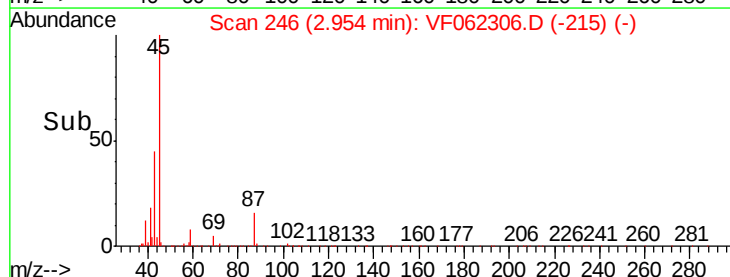


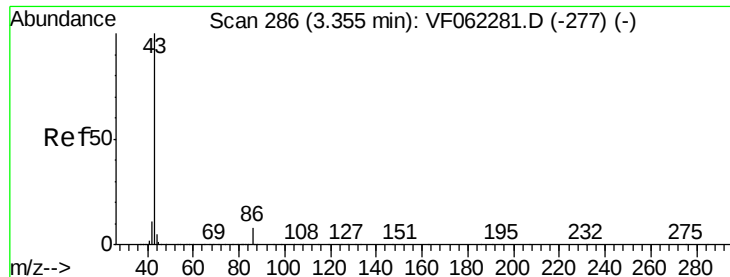
Abundance Ion 45.00 (44.70 to 45.70): VF0

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

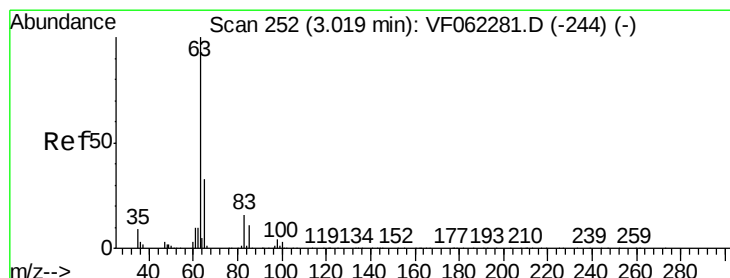
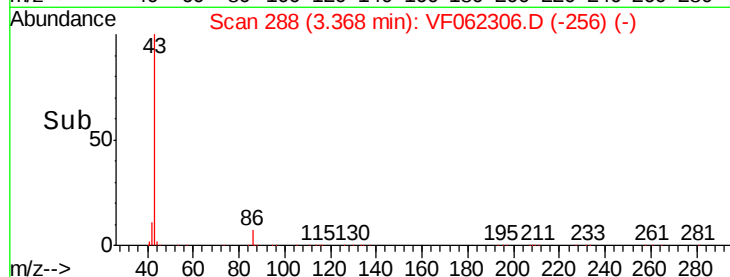
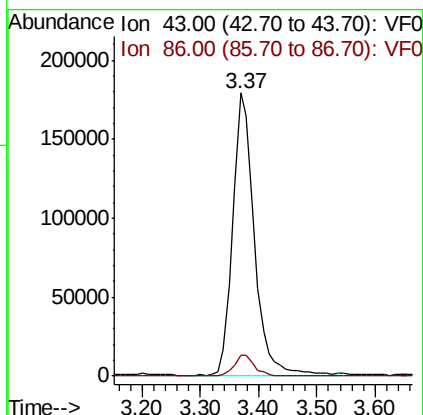
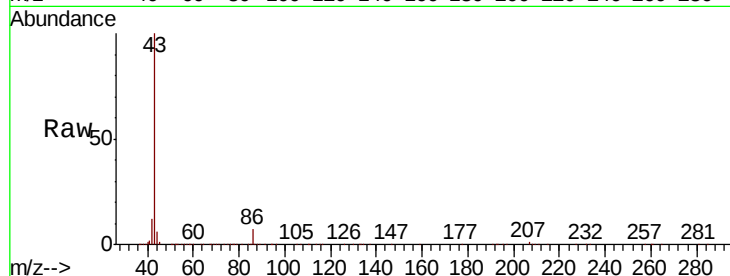




#23
 Vinyl Acetate
 Concen: 105.912 ug/l
 RT: 3.37 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

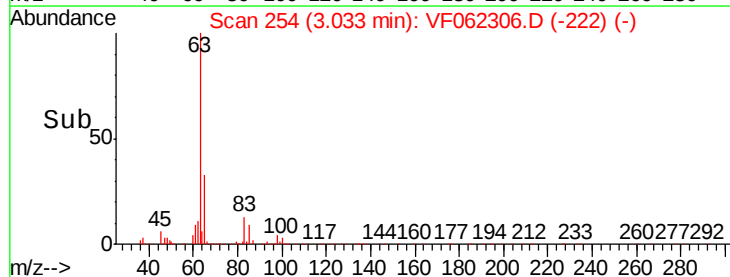
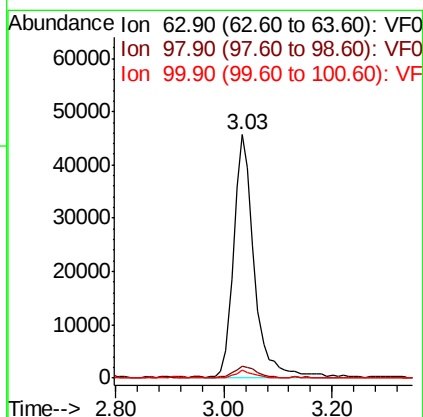
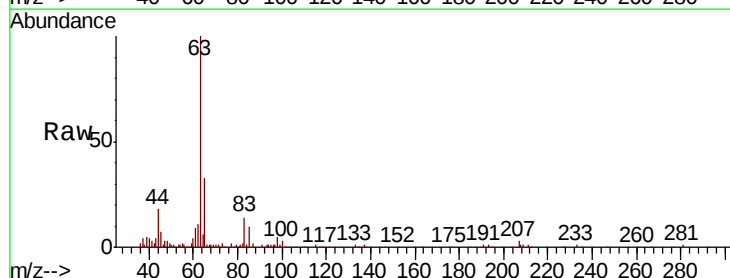
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0426SBS01

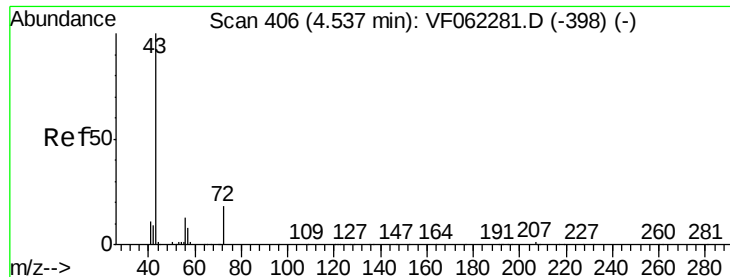
Tot Ion: 43 Resp: 460723
 Ion Ratio Lower Upper
 43 100
 86 7.2 6.0 9.0



#24
 1,1-Dichloroethane
 Concen: 22.049 ug/l
 RT: 3.03 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

Tgt Ion: 63 Resp: 123451
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.1 6.2
 100 3.4 1.5 4.5





#25

2-Butanone

Concen: 98.570 ug/l

RT: 4.56 min Scan# 409

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

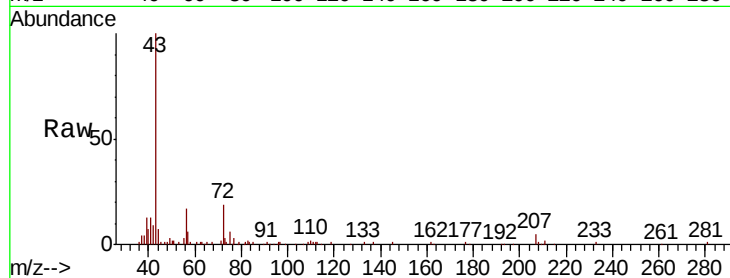
VF0426SBS01

Tot Ion: 43 Resp: 112496

Ion Ratio Lower Upper

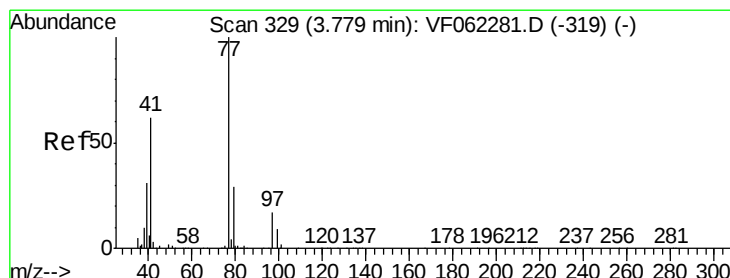
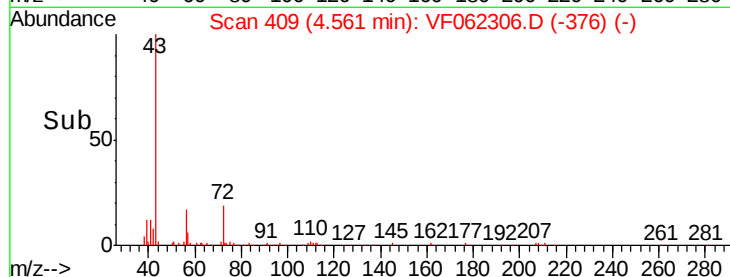
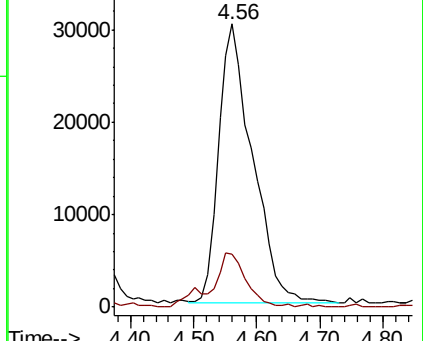
43 100

72 18.9 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 22.069 ug/l

RT: 3.80 min Scan# 332

Delta R.T. 0.02 min

Lab File: VF062306.D

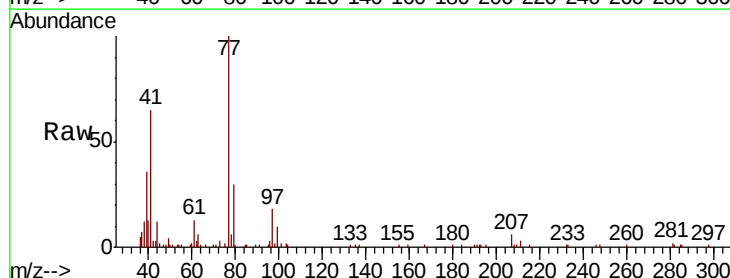
Acq: 26 Apr 2019 15:35

Tgt Ion: 77 Resp: 64168

Ion Ratio Lower Upper

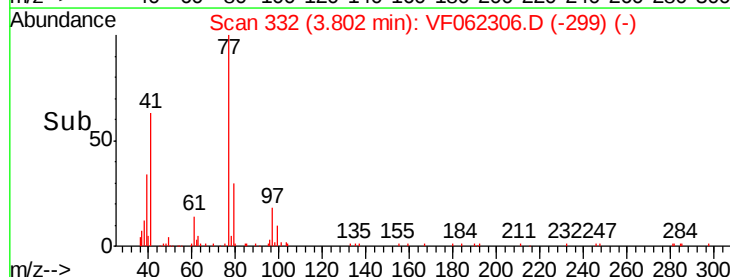
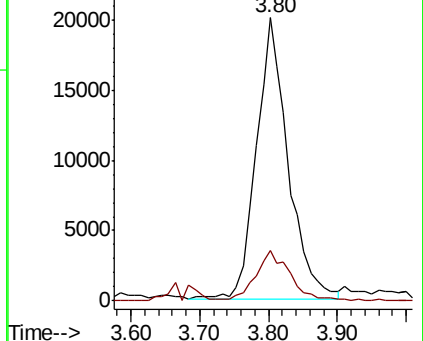
77 100

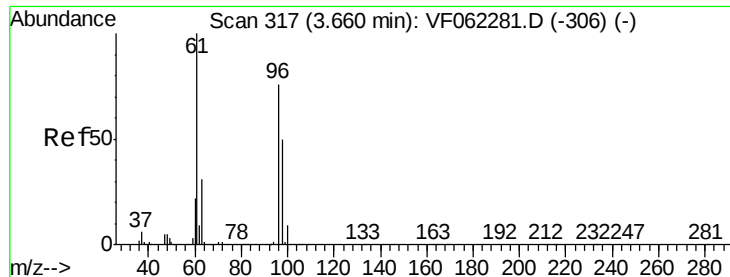
97 19.6 10.3 30.8



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0



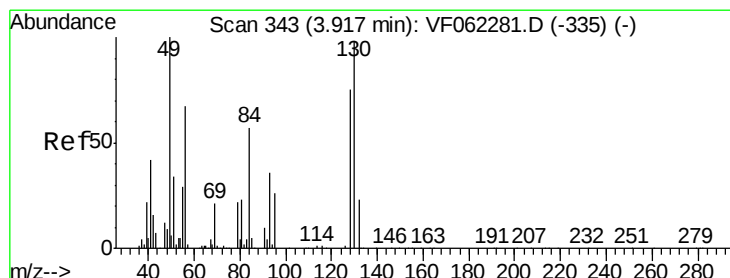
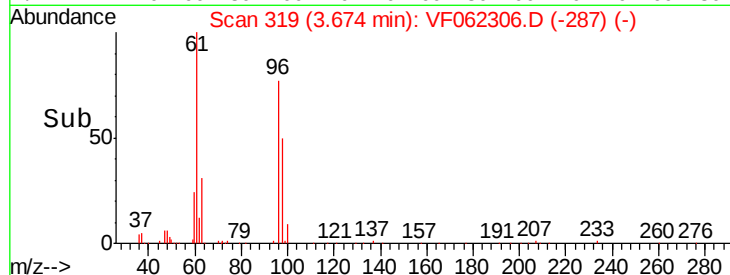
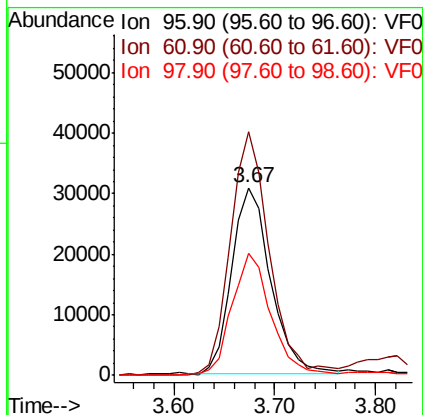
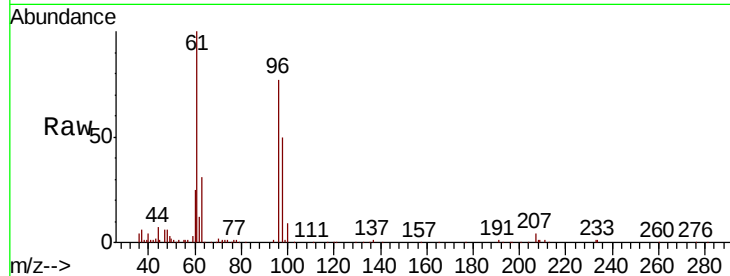


#27

cis-1,2-Dichloroethene
Concen: 19.923 ug/l
RT: 3.67 min Scan# 319
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

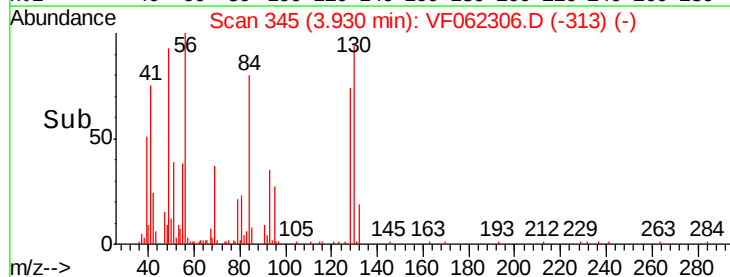
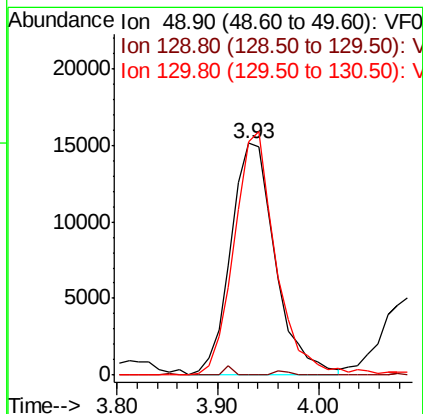
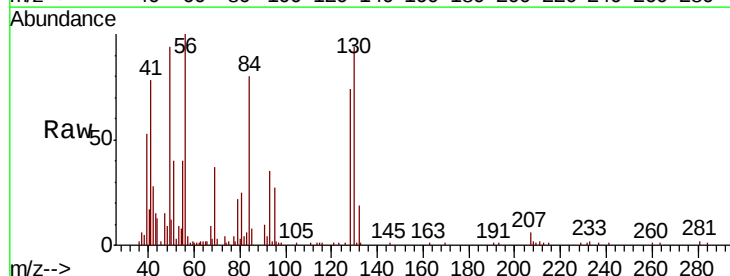
Tot Ion: 96 Resp: 83482
Ion Ratio Lower Upper
96 100
61 130.6 0.0 257.6
98 65.1 0.0 137.4

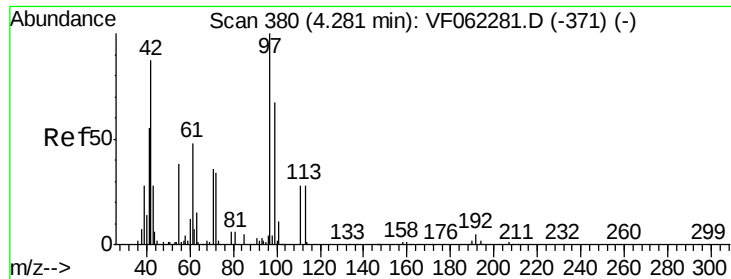


#28

Bromochloromethane
Concen: 19.762 ug/l
RT: 3.93 min Scan# 345
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion: 49 Resp: 46628
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 98.1 77.0 115.4





#29

Tetrahydrofuran

Concen: 100.541 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

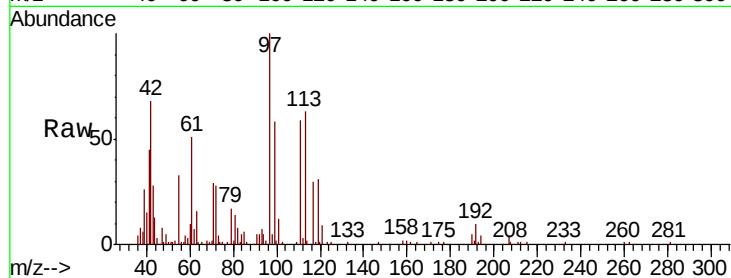
Tot Ion: 42 Resp: 50419

Ion Ratio Lower Upper

42 100

72 33.1 29.3 43.9

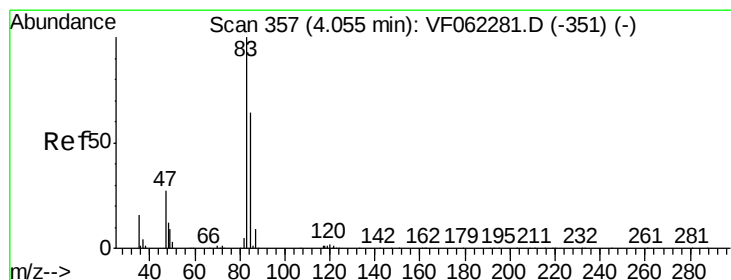
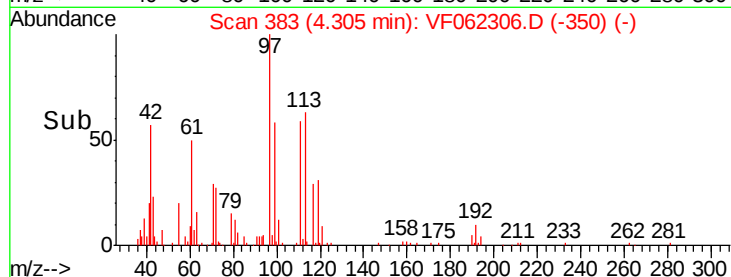
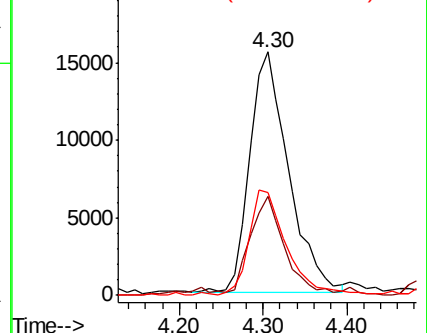
71 42.0 31.2 46.8



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: 21.327 ug/l

RT: 4.08 min Scan# 360

Delta R.T. 0.02 min

Lab File: VF062306.D

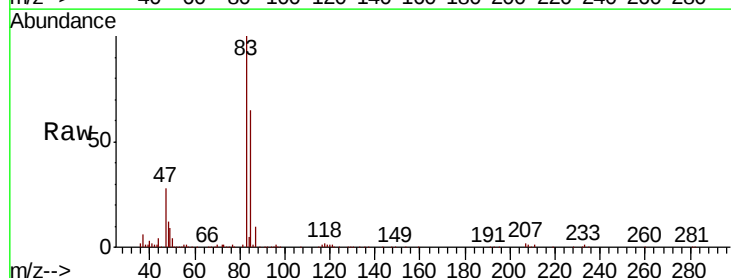
Acq: 26 Apr 2019 15:35

Tgt Ion: 83 Resp: 149939

Ion Ratio Lower Upper

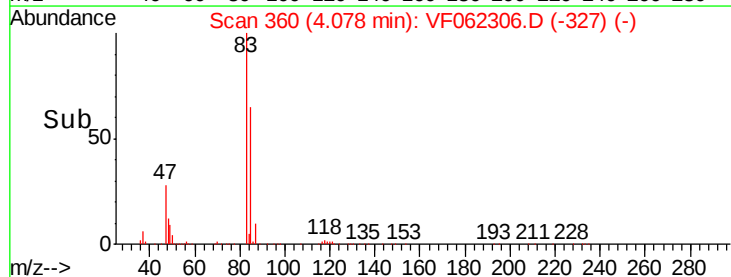
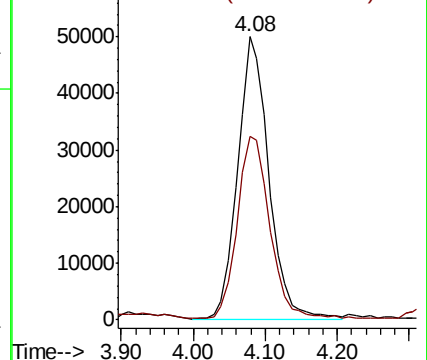
83 100

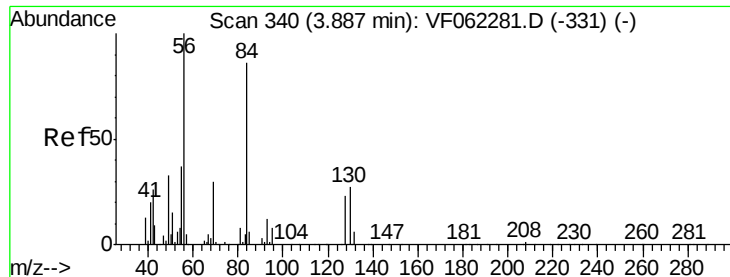
85 64.3 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

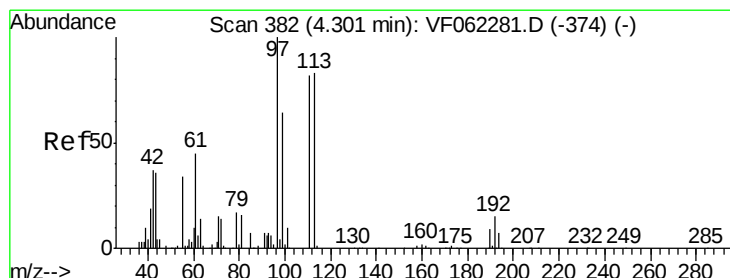
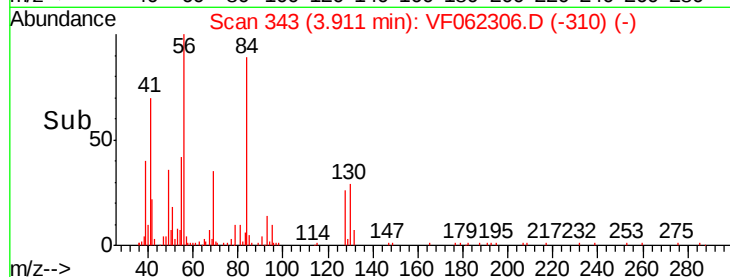
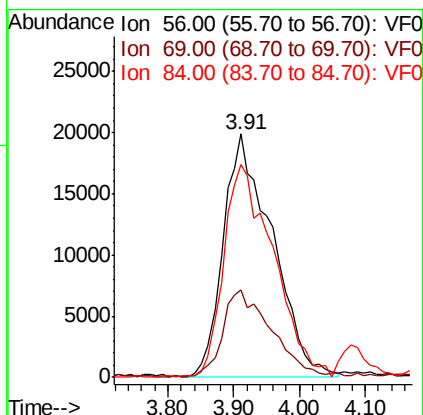
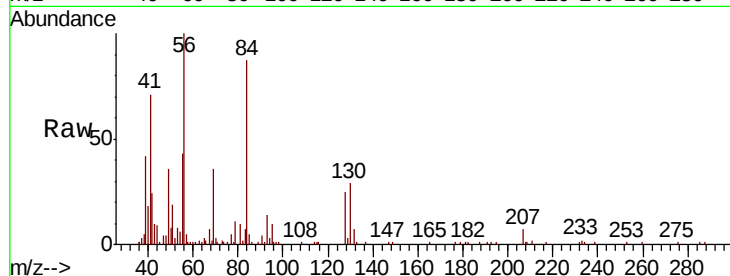




#31
Cyclohexane
Concen: 19.355 ug/l
RT: 3.91 min Scan# 343
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

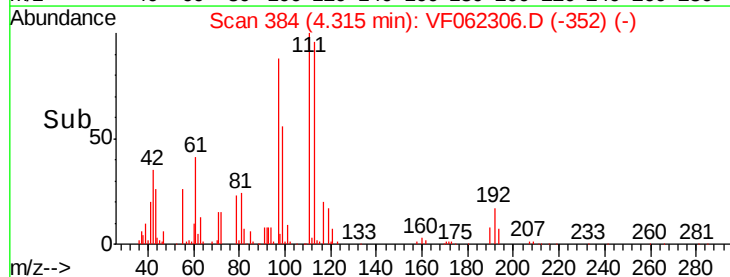
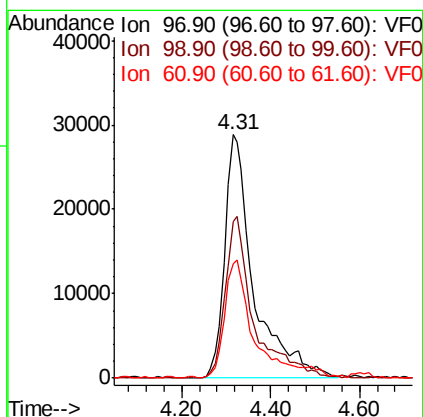
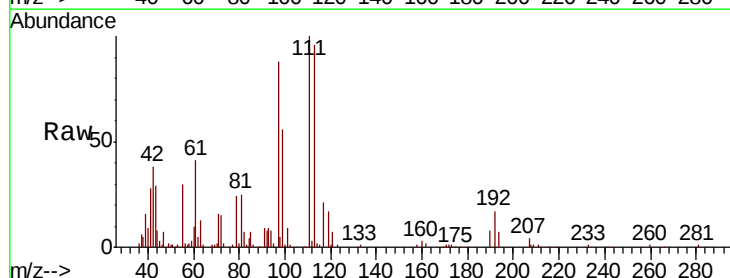
Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

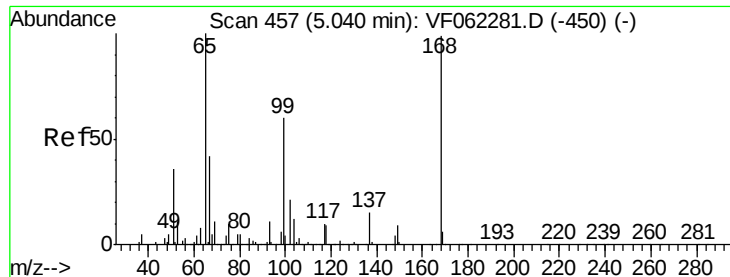
Tot Ion: 56 Resp: 103118
Ion Ratio Lower Upper
56 100
69 35.2 24.3 36.5
84 86.6 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 23.782 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion: 97 Resp: 131276
Ion Ratio Lower Upper
97 100
99 64.9 41.6 62.4#
61 47.1 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 56.587 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

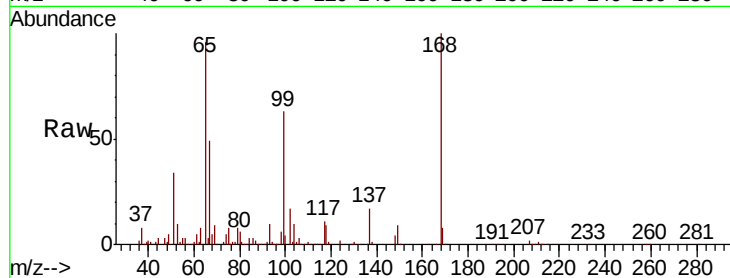
VF0426SBS01

Tot Ion: 65 Resp: 181915

Ion Ratio Lower Upper

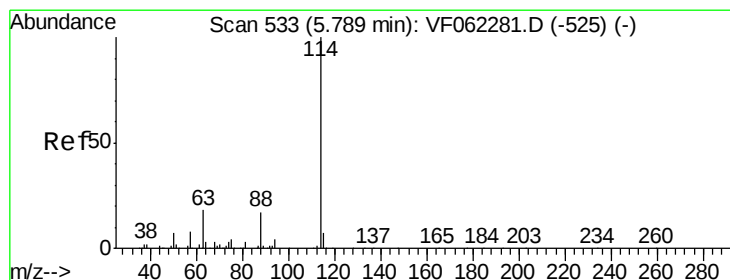
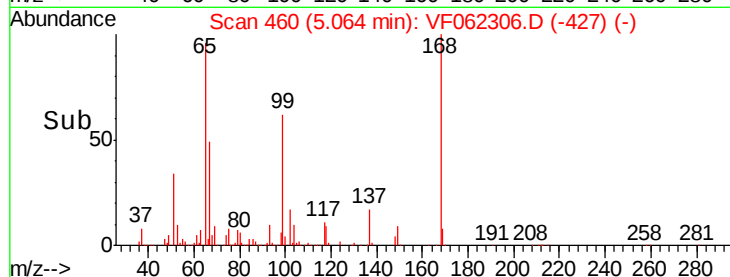
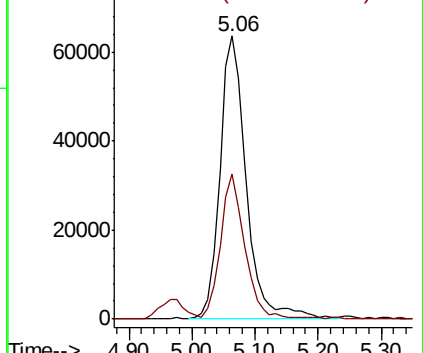
65 100

67 46.3 0.0 98.8



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: 5.80 min Scan# 535

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

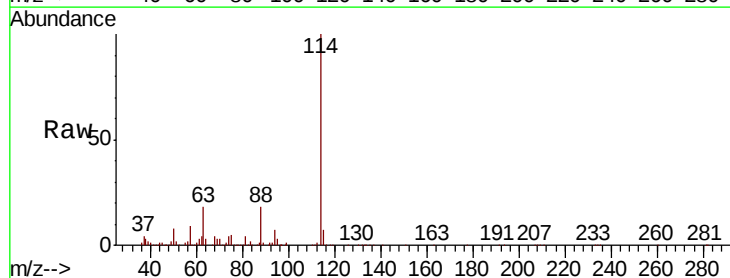
Tgt Ion: 114 Resp: 546196

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

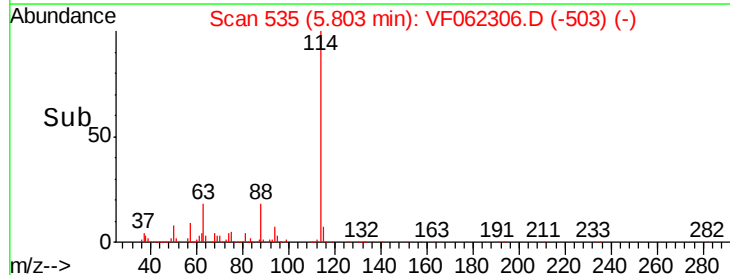
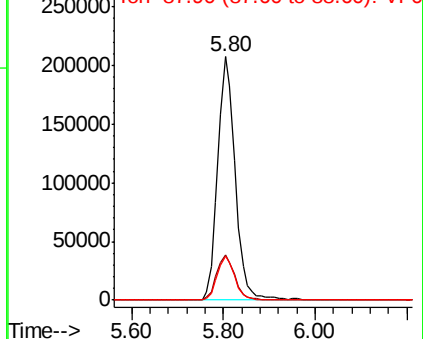
88 18.2 0.0 34.6

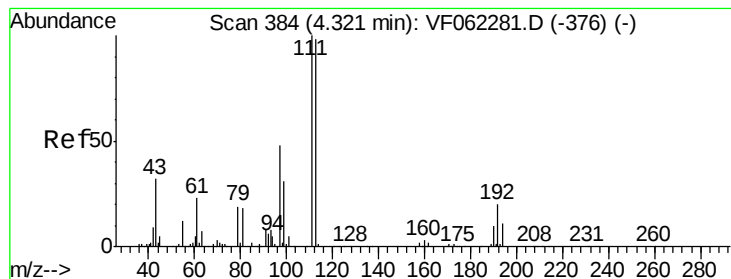


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0





#35

Dibromofluoromethane

Concen: 52.499 ug/l

RT: 4.33 min Scan# 386

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

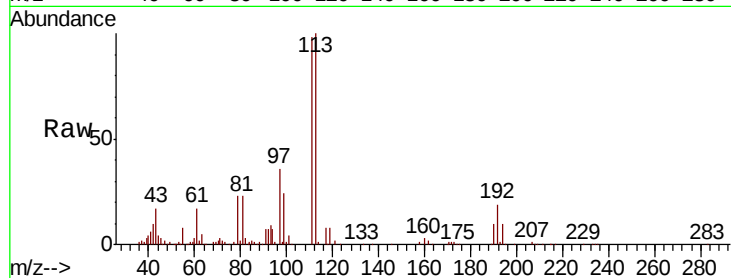
Tot Ion:113 Resp: 212608

Ion Ratio Lower Upper

113 100

111 99.6 81.4 122.2

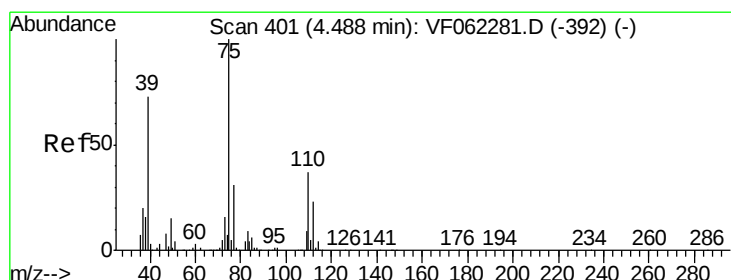
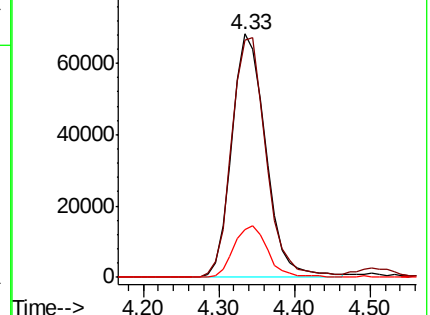
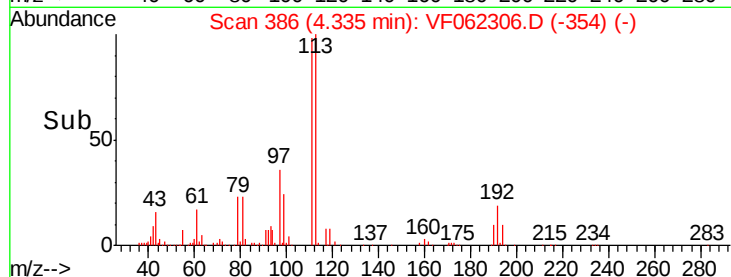
192 21.0 17.0 25.4



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



#36

1,1-Dichloropropene

Concen: 21.713 ug/l

RT: 4.50 min Scan# 403

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

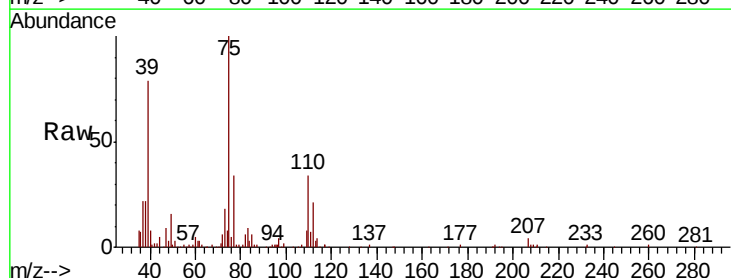
Tgt Ion: 75 Resp: 109414

Ion Ratio Lower Upper

75 100

110 35.0 17.9 53.8

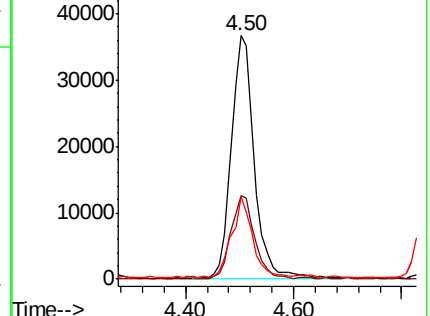
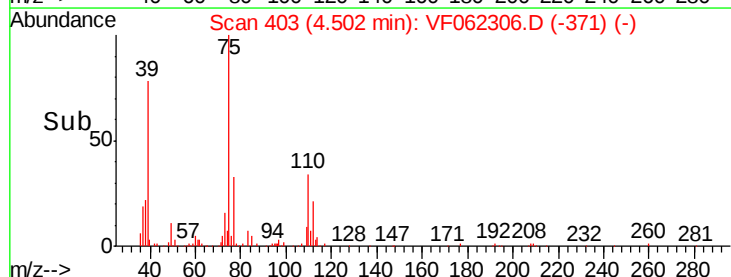
77 29.5 24.6 36.8

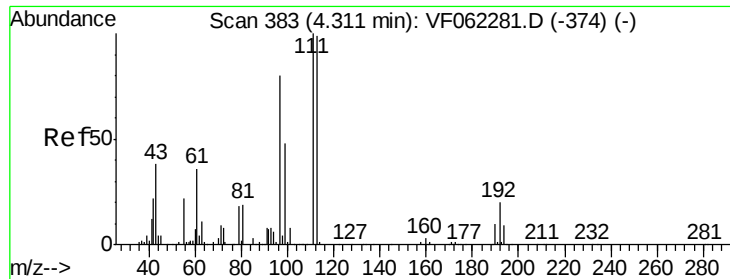


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VF0

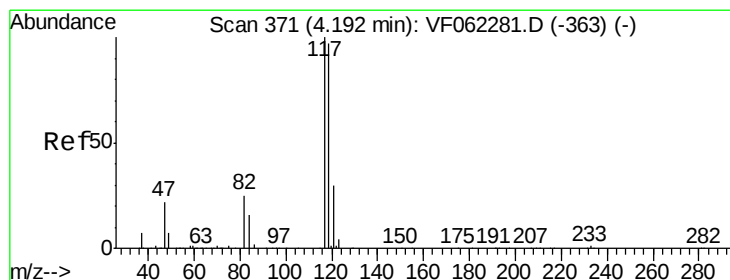
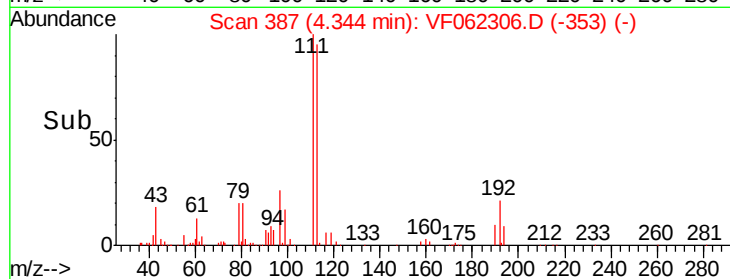
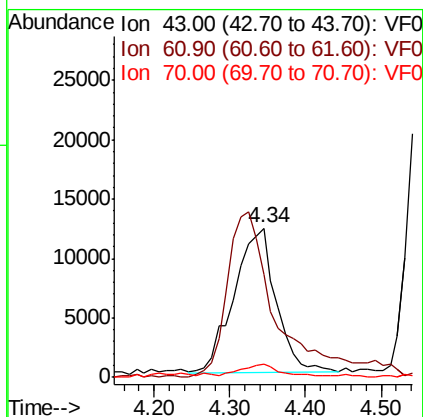
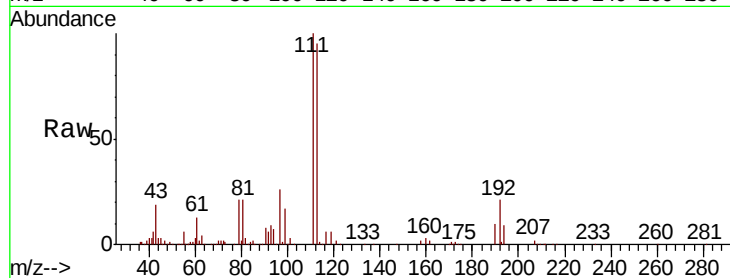




#37
Ethyl Acetate
Concen: 22.361 ug/l
RT: 4.34 min Scan# 387
Delta R.T. 0.03 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

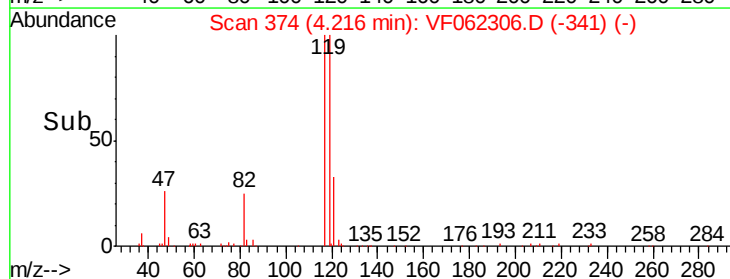
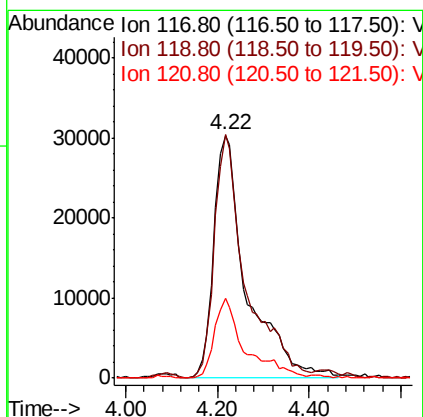
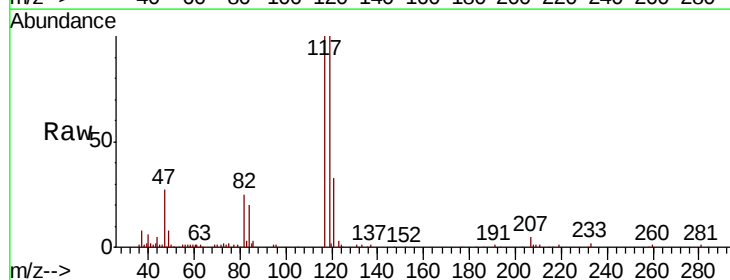
Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

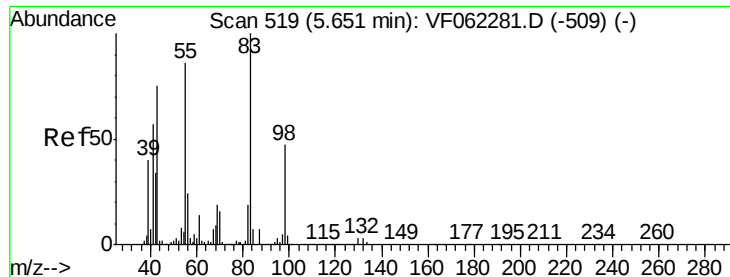
Tot Ion: 43 Resp: 47405
Ion Ratio Lower Upper
43 100
61 130.5 85.8 128.6#
70 7.1 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 29.438 ug/l
RT: 4.22 min Scan# 374
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion:117 Resp: 150805
Ion Ratio Lower Upper
117 100
119 100.4 77.3 115.9
121 32.7 24.3 36.5

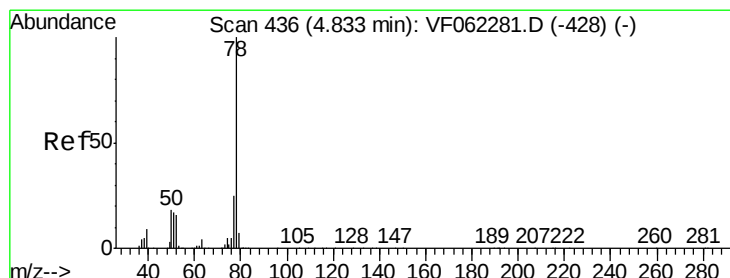
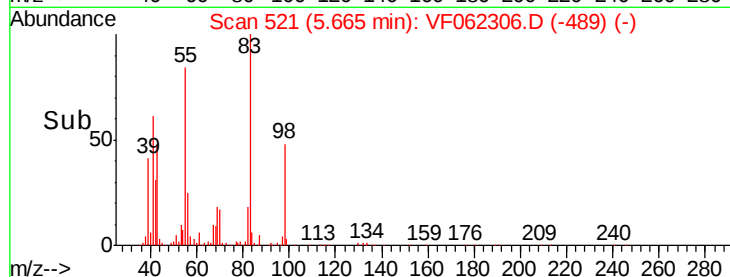
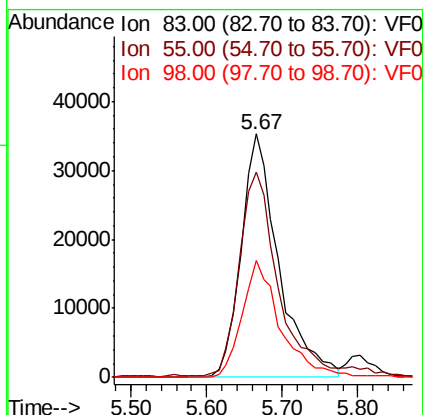
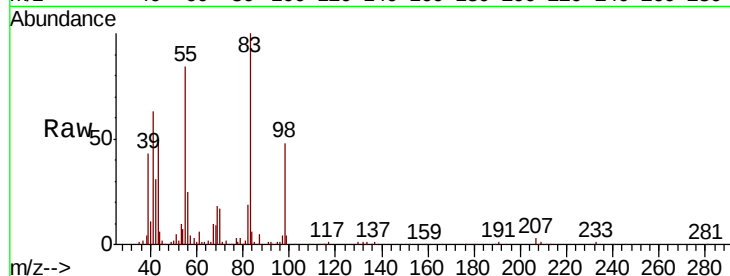




#39
Methvlcvclohexane
Concen: 20.683 ug/l
RT: 5.67 min Scan# 521
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

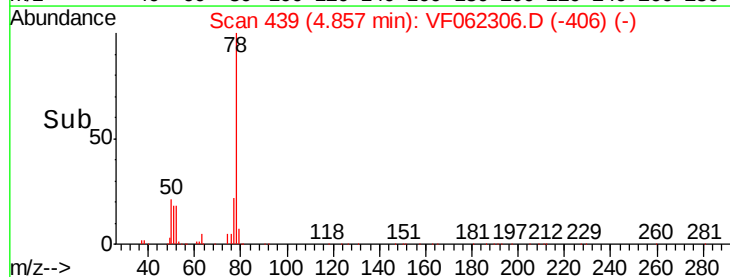
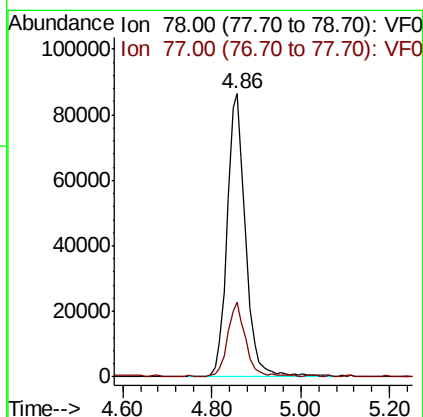
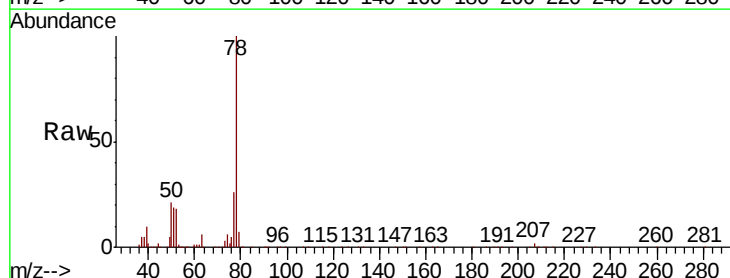
Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

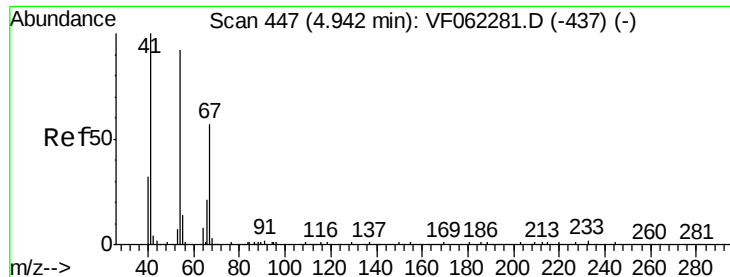
Tot Ion: 83 Resp: 121666
Ion Ratio Lower Upper
83 100
55 83.8 68.7 103.1
98 48.1 37.4 56.2



#40
Benzene
Concen: 20.555 ug/l
RT: 4.86 min Scan# 439
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion: 78 Resp: 250255
Ion Ratio Lower Upper
78 100
77 26.0 19.7 29.5





#41

Methacrylonitrile

Concen: 20.905 ug/l

RT: 4.97 min Scan# 450

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

Tot Ion: 41 Resp: 24620

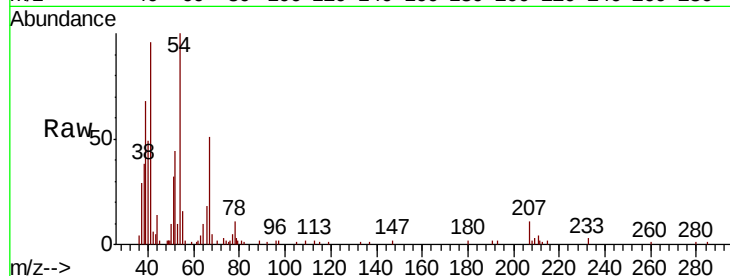
Ion Ratio Lower Upper

41 100

39 73.9 47.3 70.9#

67 53.5 41.3 61.9

52 0.0 49.4 74.2#

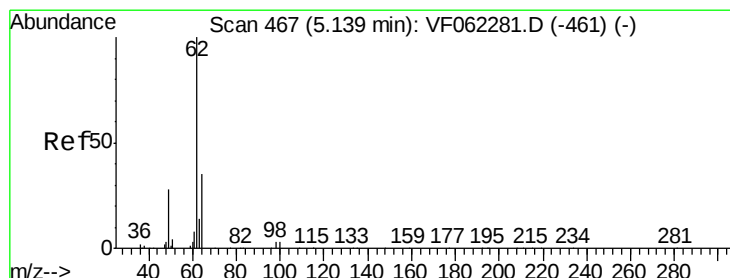
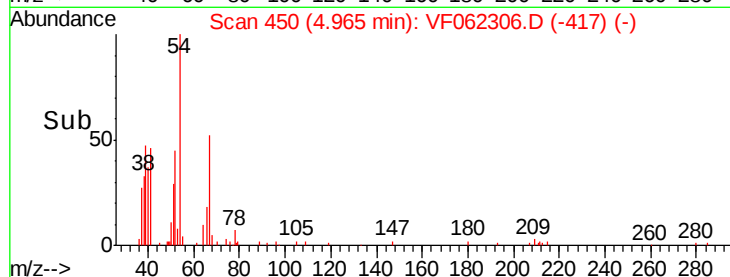
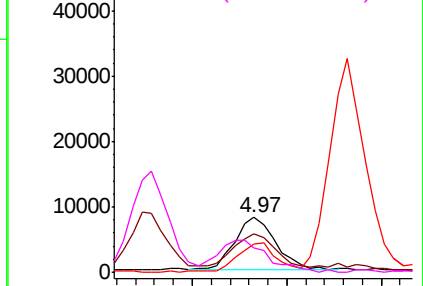


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 23.590 ug/l

RT: 5.16 min Scan# 470

Delta R.T. 0.02 min

Lab File: VF062306.D

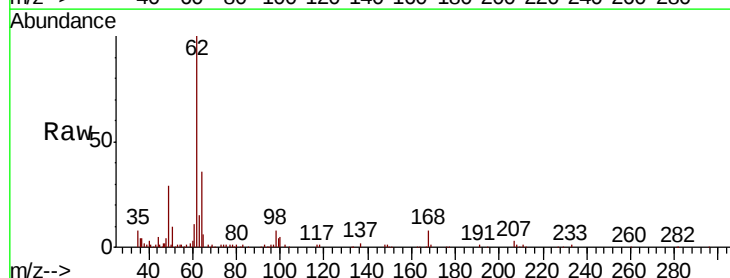
Acq: 26 Apr 2019 15:35

Tgt Ion: 62 Resp: 90985

Ion Ratio Lower Upper

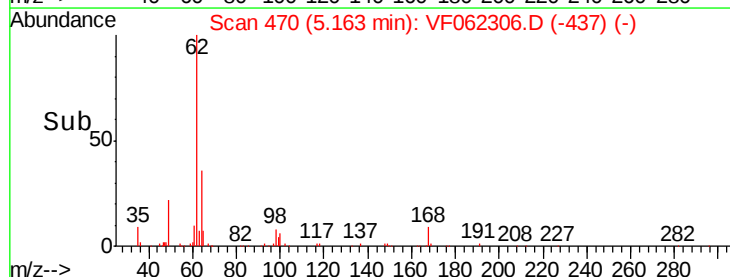
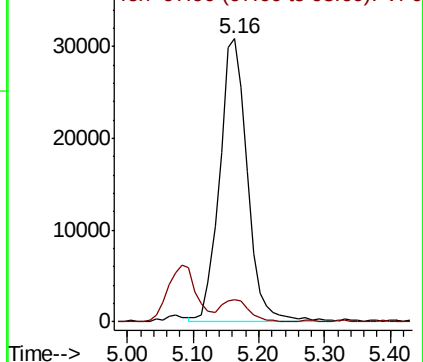
62 100

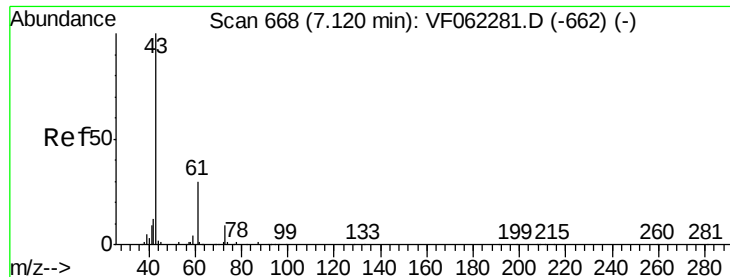
98 7.9 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0





#43

Isopropyl Acetate

Concen: 21.633 ug/l

RT: 7.14 min Scan# 671

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

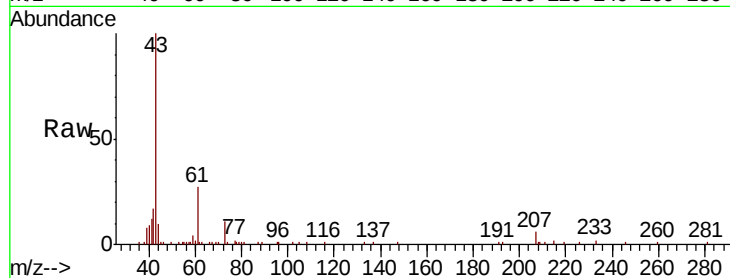
Tot Ion: 43 Resp: 47255

Ion Ratio Lower Upper

43 100

61 28.1 23.8 35.6

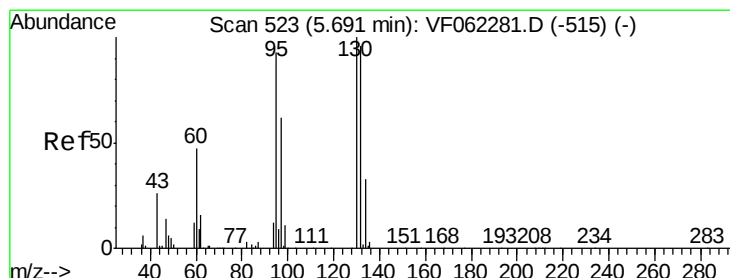
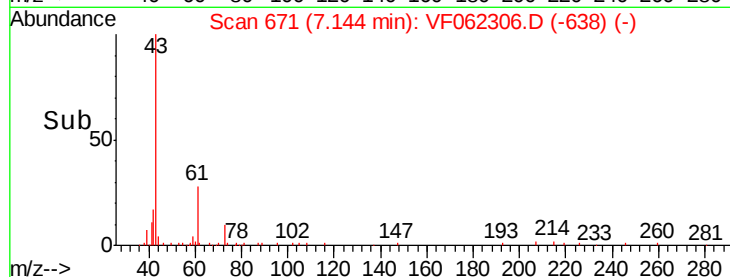
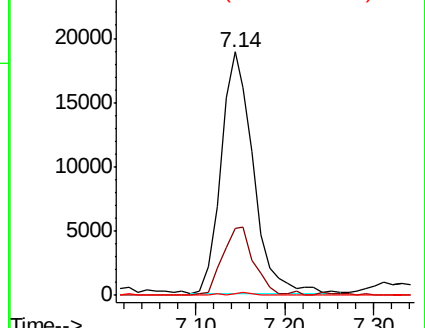
87 0.7 0.5 0.7#



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



#44

Trichloroethene

Concen: 21.928 ug/l

RT: 5.71 min Scan# 526

Delta R.T. 0.02 min

Lab File: VF062306.D

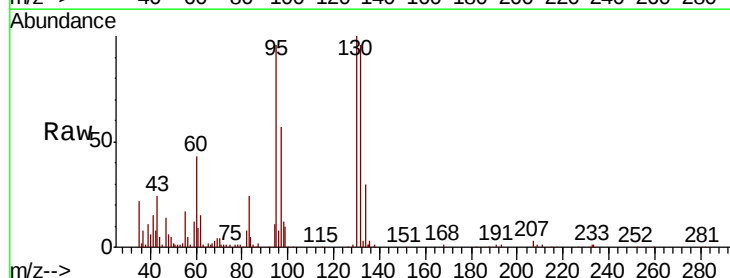
Acq: 26 Apr 2019 15:35

Tgt Ion: 130 Resp: 90323

Ion Ratio Lower Upper

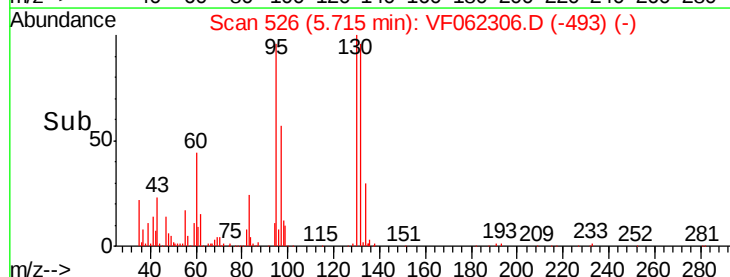
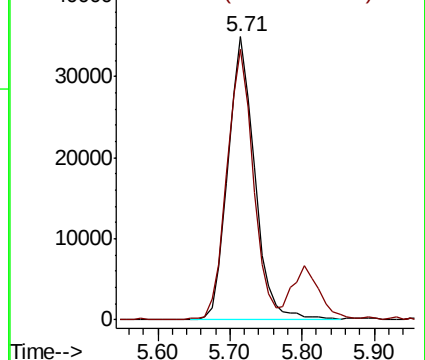
130 100

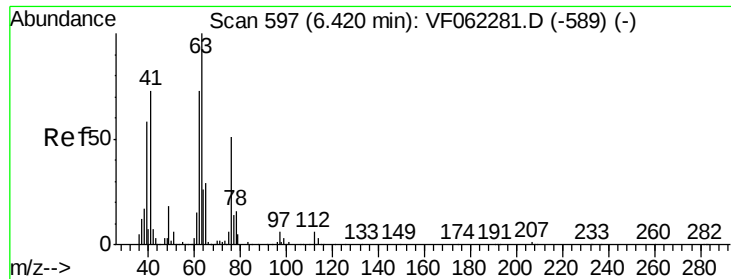
95 95.3 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 21.083 ug/l

RT: 6.43 min Scan# 599

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

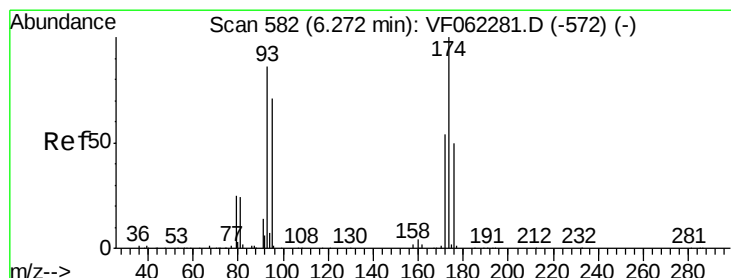
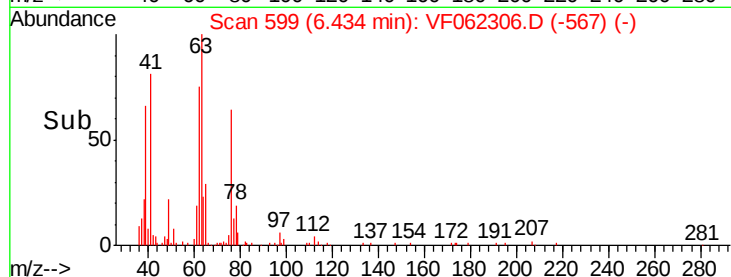
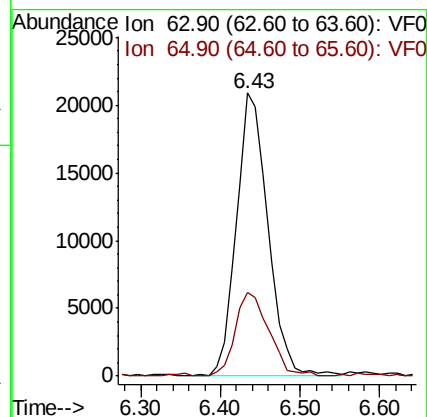
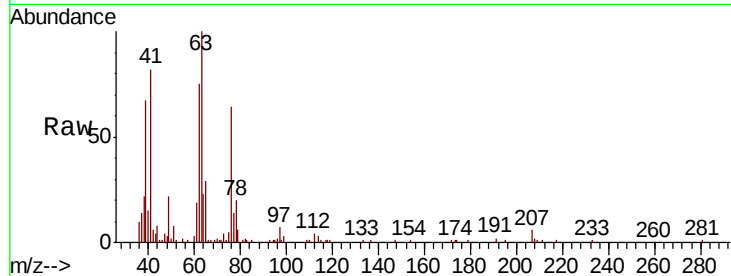
VF0426SBS01

Tot Ion: 63 Resp: 57872

Ion Ratio Lower Upper

63 100

65 29.4 23.5 35.3



#46

Dibromomethane

Concen: 22.276 ug/l

RT: 6.30 min Scan# 585

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

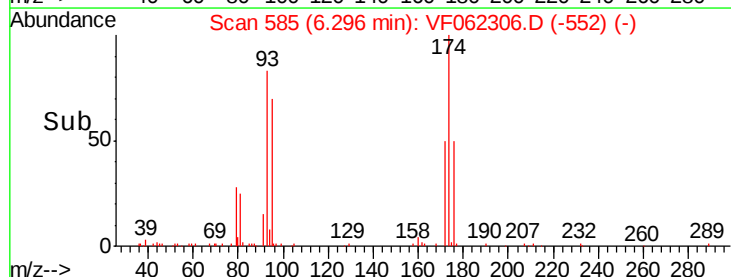
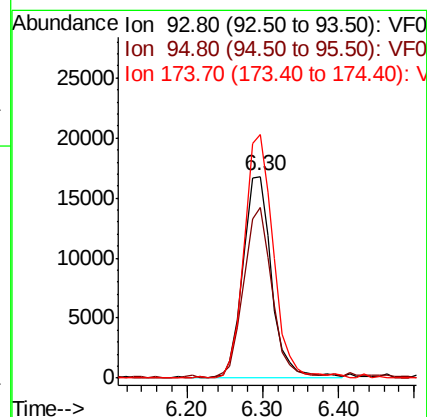
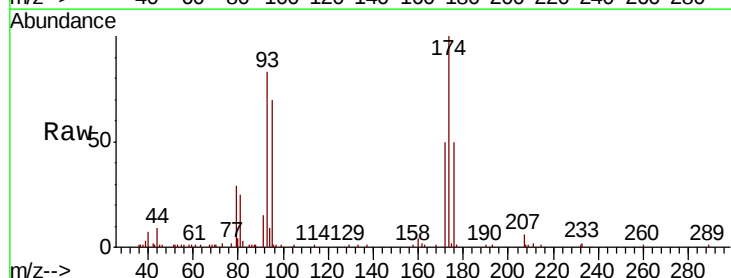
Tgt Ion: 93 Resp: 44153

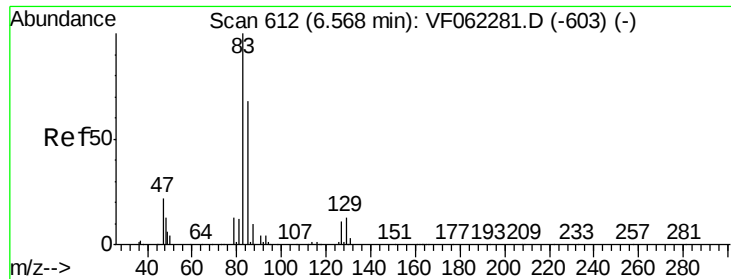
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 122.6 94.9 142.3





#47

Bromodichloromethane

Concen: 22.902 ug/l

RT: 6.58 min Scan# 614

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

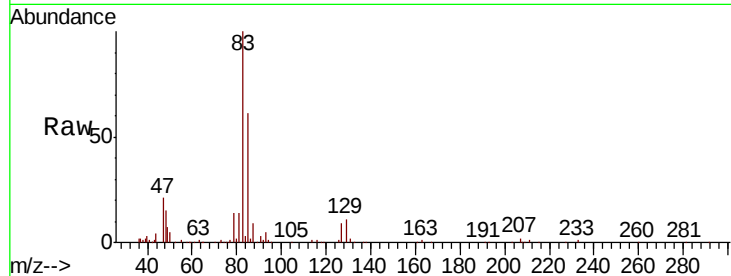
Tot Ion: 83 Resp: 106715

Ion Ratio Lower Upper

83 100

85 61.2 54.6 81.8

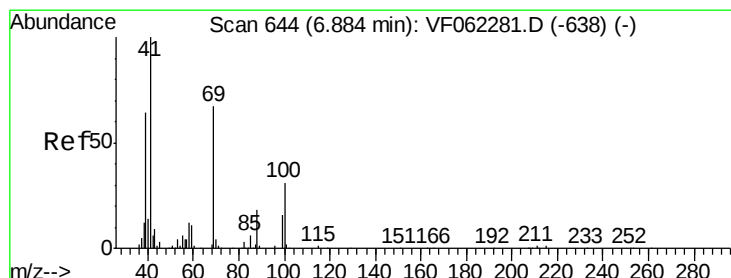
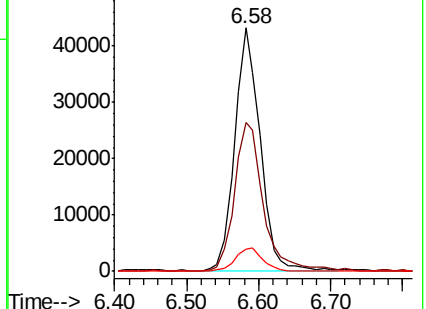
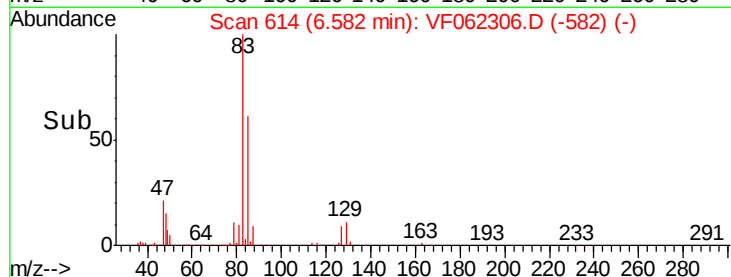
127 9.2 8.7 13.1



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: 19.503 ug/l

RT: 6.91 min Scan# 647

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

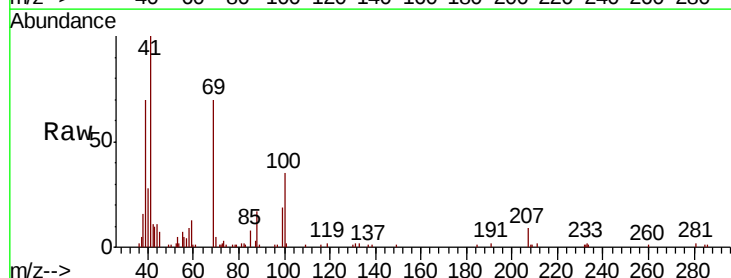
Tgt Ion: 41 Resp: 30292

Ion Ratio Lower Upper

41 100

69 67.4 53.4 80.2

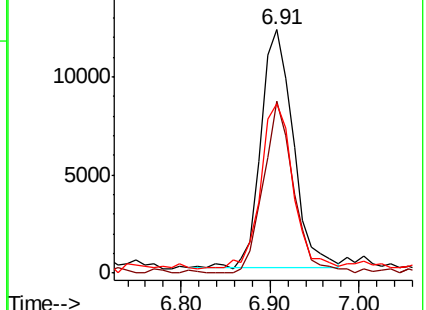
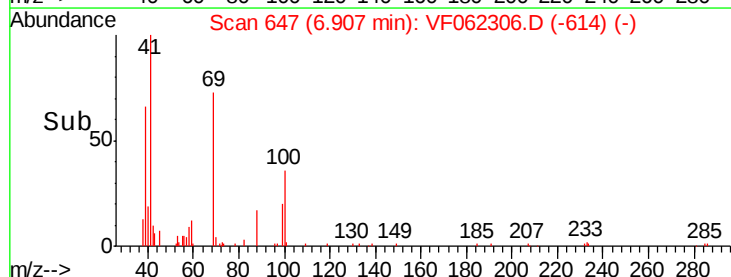
39 68.3 50.9 76.3

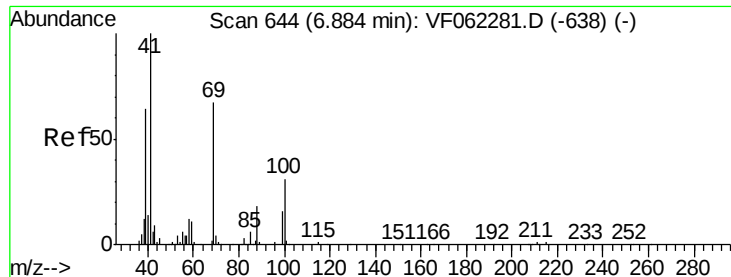


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 346.723 ug/l

RT: 6.91 min Scan# 647

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

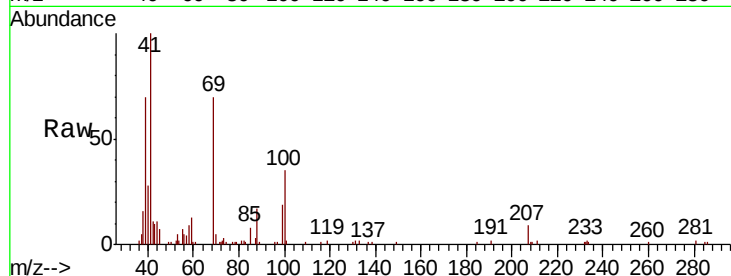
Tot Ion: 88 Resp: 6201

Ion Ratio Lower Upper

88 100

43 60.7 34.2 51.4#

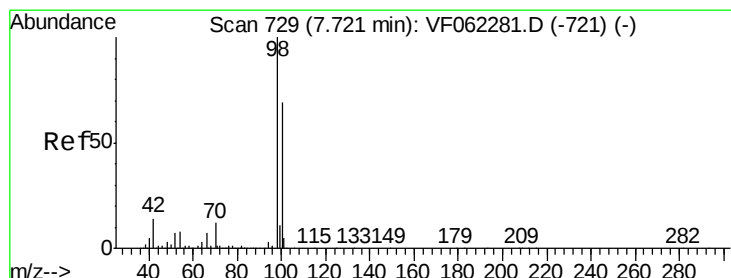
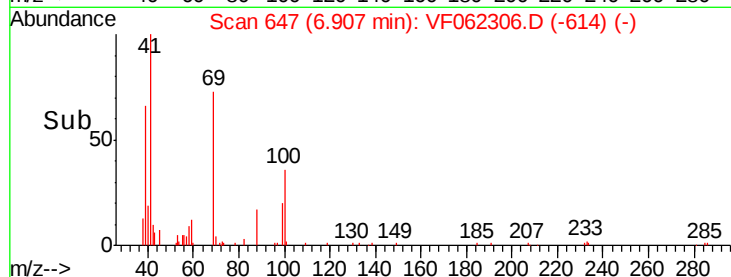
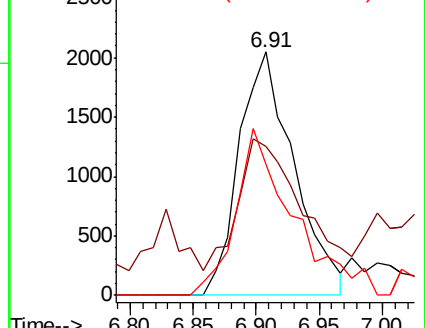
58 71.3 50.7 76.1



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 50.340 ug/l

RT: 7.75 min Scan# 732

Delta R.T. 0.02 min

Lab File: VF062306.D

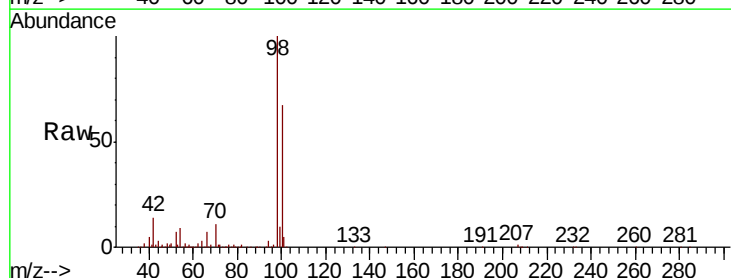
Acq: 26 Apr 2019 15:35

Tgt Ion: 98 Resp: 497960

Ion Ratio Lower Upper

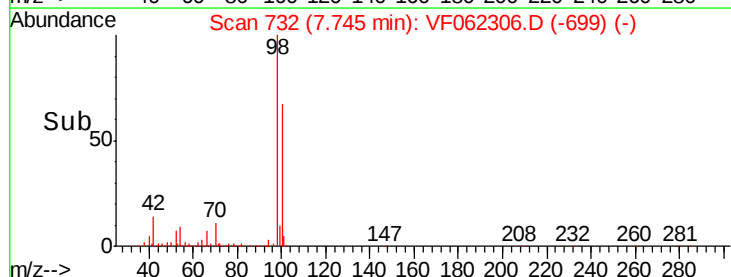
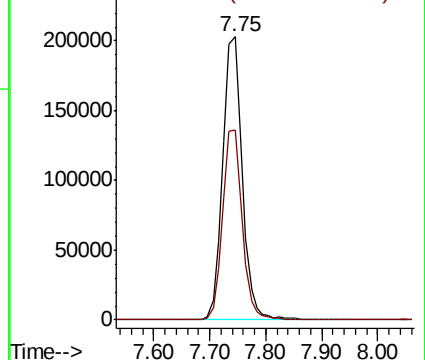
98 100

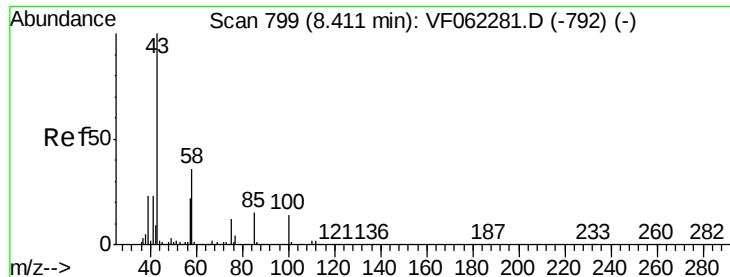
100 66.6 54.4 81.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 100.880 ug/l

RT: 8.44 min Scan# 802

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

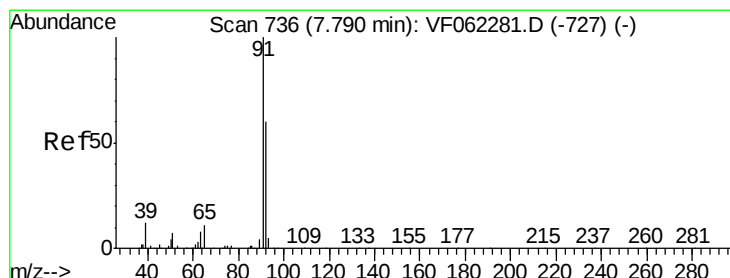
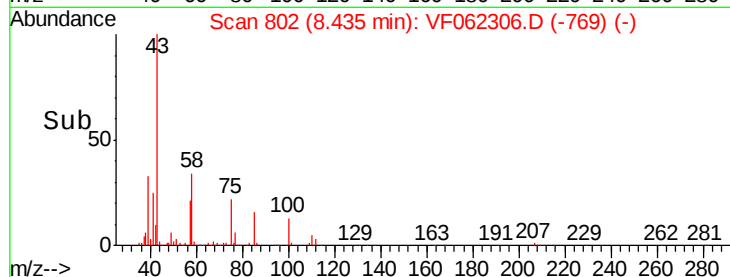
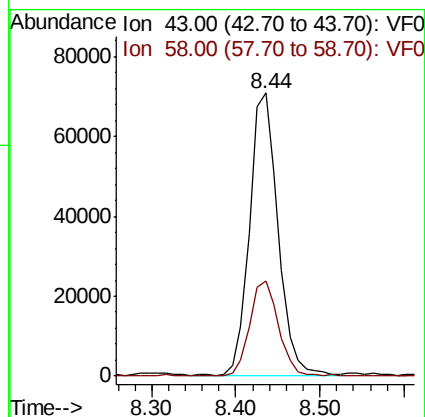
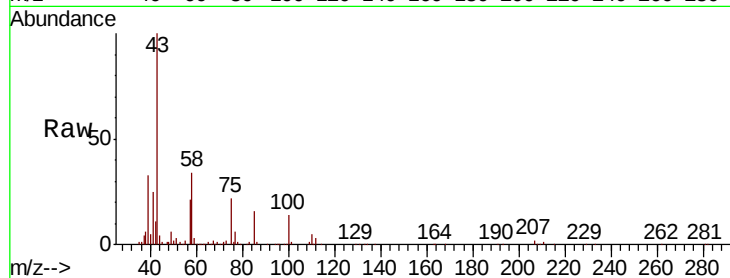
VF0426SBS01

Tot Ion: 43 Resp: 168505

Ion Ratio Lower Upper

43 100

58 34.5 29.1 43.7



#52

Toluene

Concen: 19.763 ug/l

RT: 7.80 min Scan# 738

Delta R.T. 0.01 min

Lab File: VF062306.D

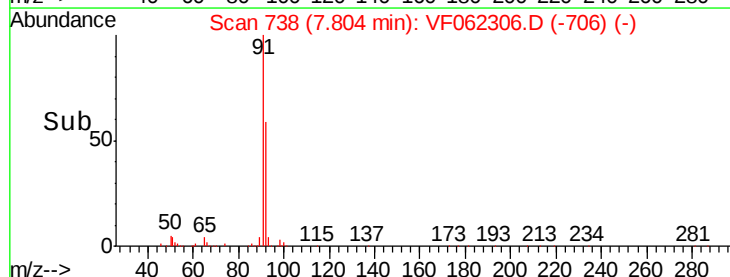
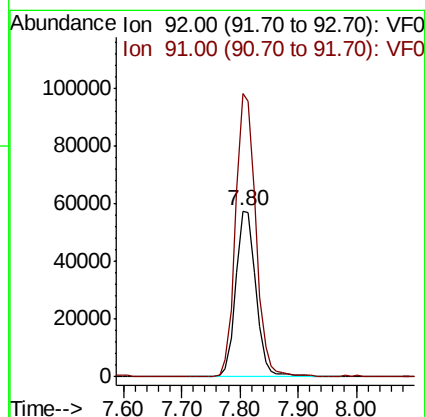
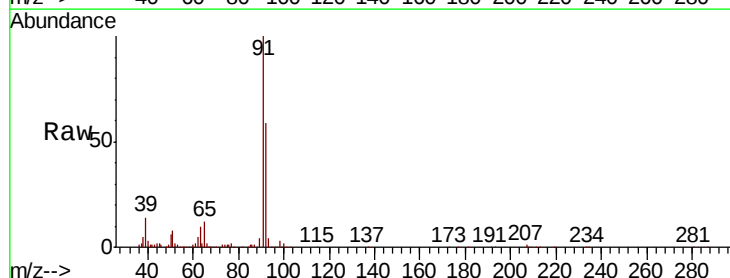
Acq: 26 Apr 2019 15:35

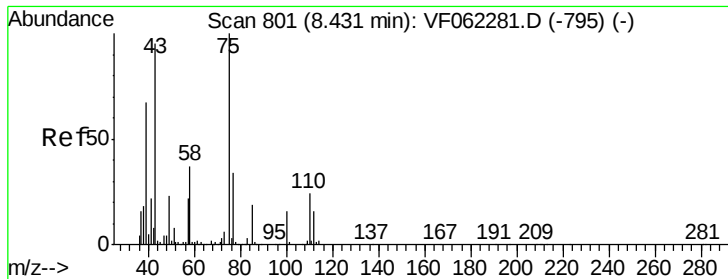
Tgt Ion: 92 Resp: 138837

Ion Ratio Lower Upper

92 100

91 170.9 132.5 198.7

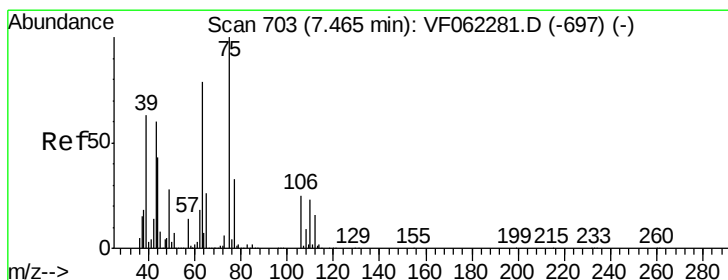
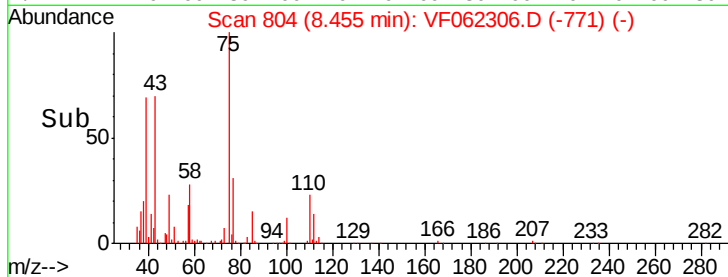
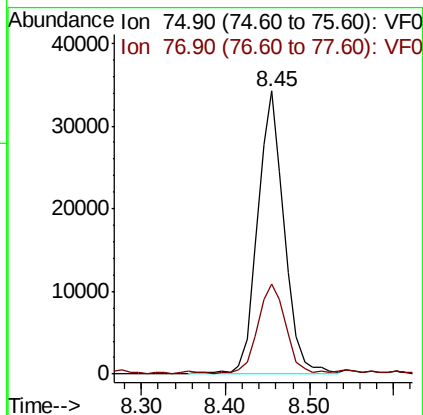
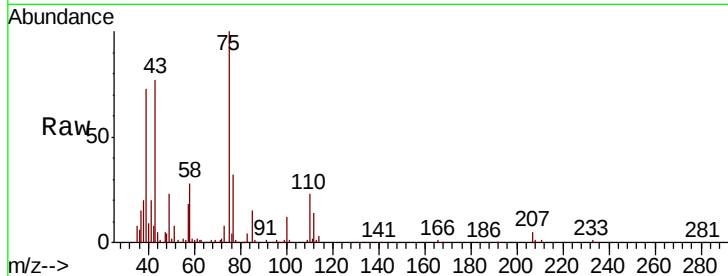




#53
t-1,3-Dichloropropene
Concen: 22.248 ug/l
RT: 8.45 min Scan# 804
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

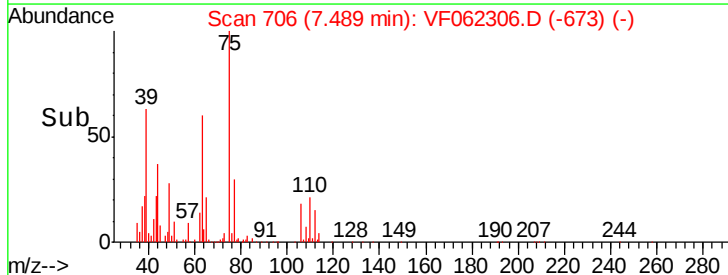
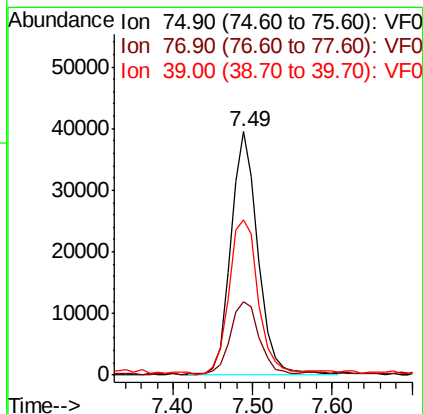
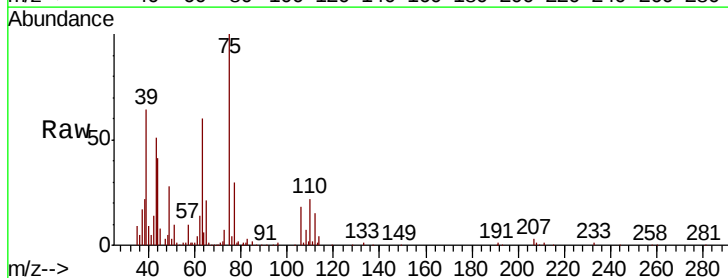
Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

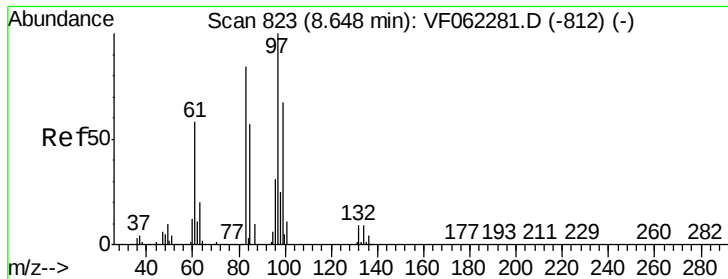
Tot Ion: 75 Resp: 76232
Ion Ratio Lower Upper
75 100
77 30.8 26.9 40.3



#54
cis-1,3-Dichloropropene
Concen: 21.351 ug/l
RT: 7.49 min Scan# 706
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion: 75 Resp: 93720
Ion Ratio Lower Upper
75 100
77 29.4 26.5 39.7
39 62.5 50.2 75.2





#55

1,1,2-Trichloroethane

Concen: 21.646 ug/l

RT: 8.66 min Scan# 825

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

Tot Ion: 97 Resp: 43190

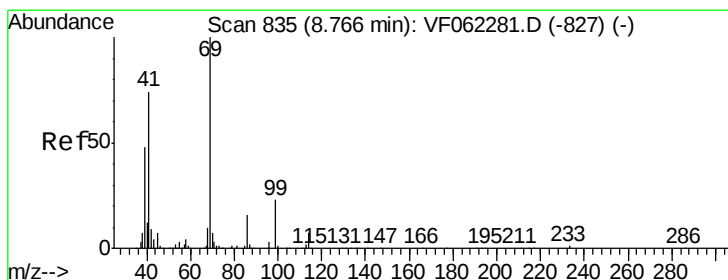
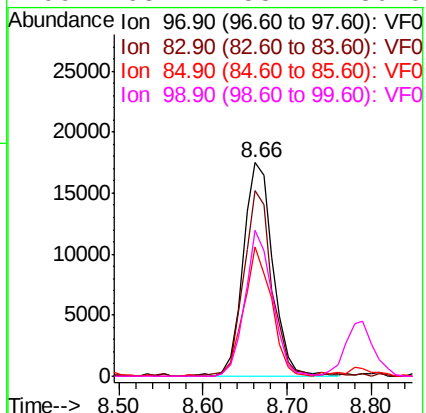
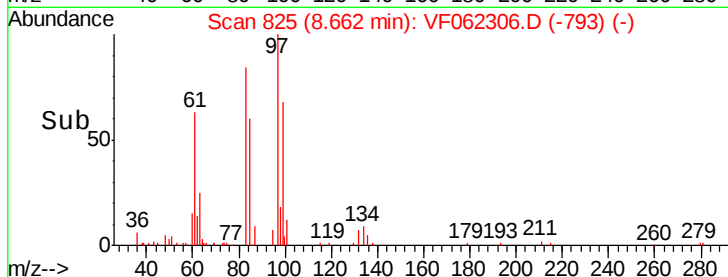
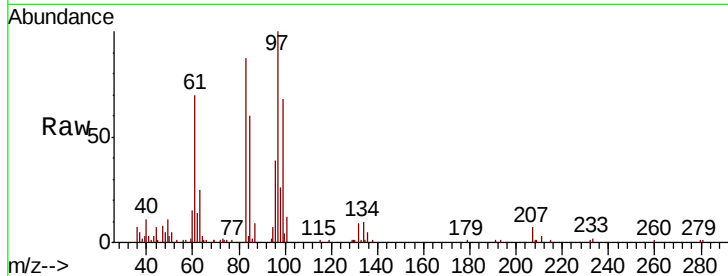
Ion Ratio Lower Upper

97 100

83 86.2 67.5 101.3

85 59.7 45.3 67.9

99 68.4 53.4 80.0



#56

Ethyl methacrylate

Concen: 20.187 ug/l

RT: 8.79 min Scan# 838

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

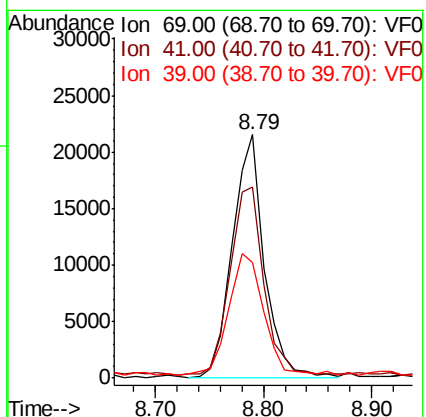
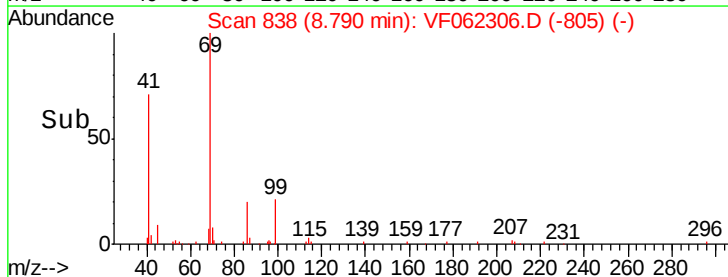
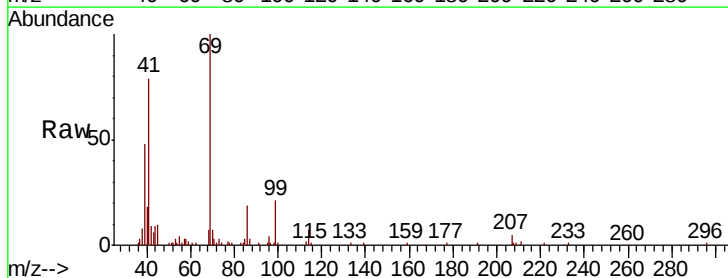
Tgt Ion: 69 Resp: 44250

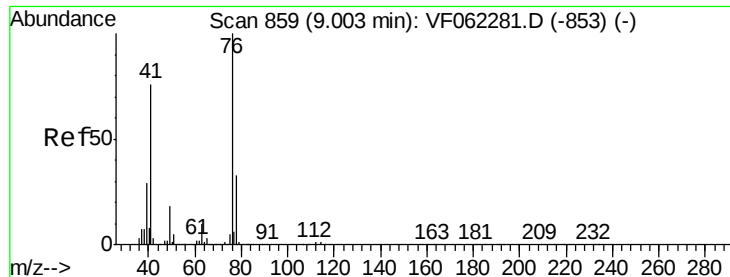
Ion Ratio Lower Upper

69 100

41 82.0 61.5 92.3

39 55.1 37.9 56.9





#57

1,3-Dichloropropane

Concen: 20.920 ug/l

RT: 9.03 min Scan# 862

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

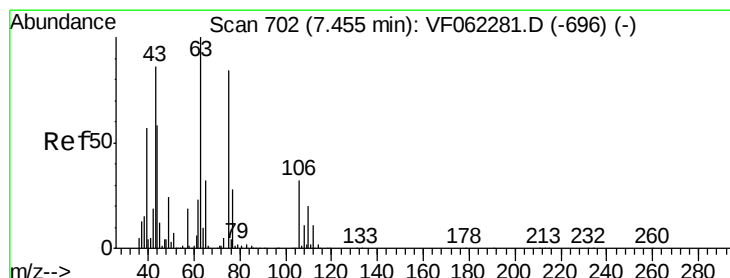
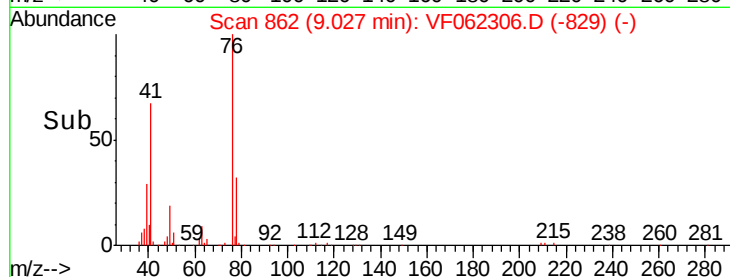
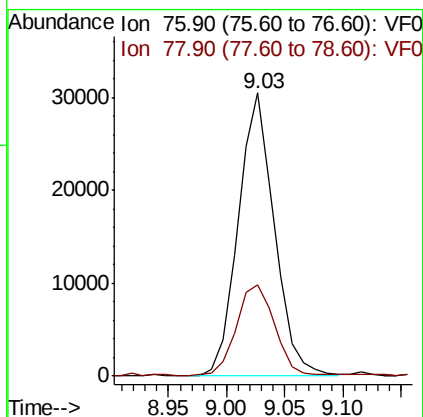
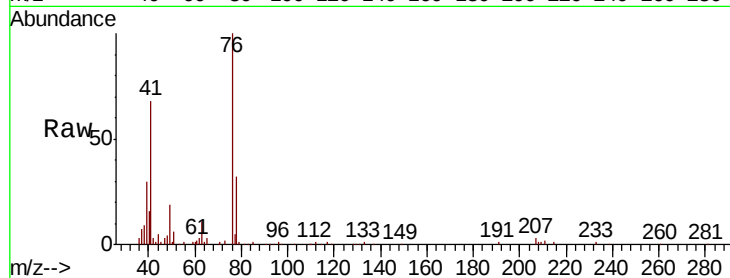
VF0426SBS01

Tot Ion: 76 Resp: 65627

Ion Ratio Lower Upper

76 100

78 35.0 27.0 40.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.054 ug/l

RT: 7.48 min Scan# 705

Delta R.T. 0.02 min

Lab File: VF062306.D

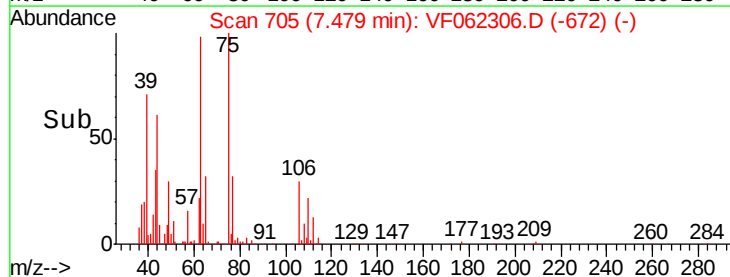
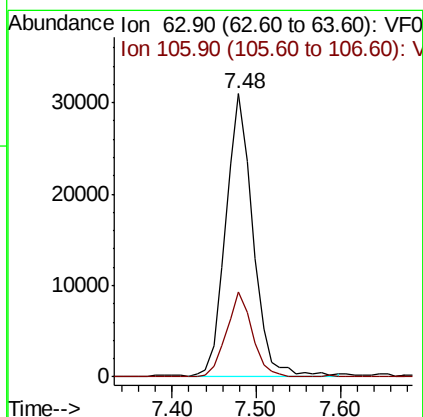
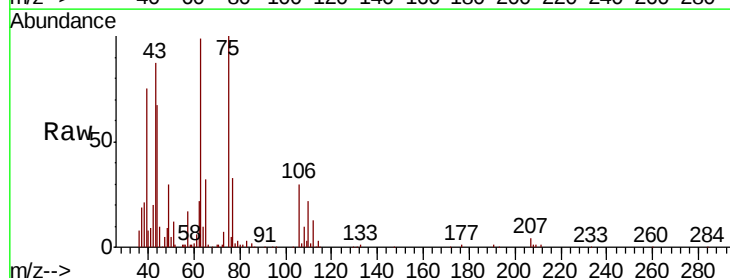
Acq: 26 Apr 2019 15:35

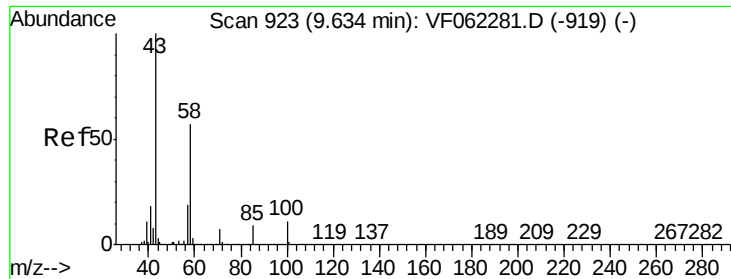
Tgt Ion: 63 Resp: 70071

Ion Ratio Lower Upper

63 100

106 28.4 24.7 37.1

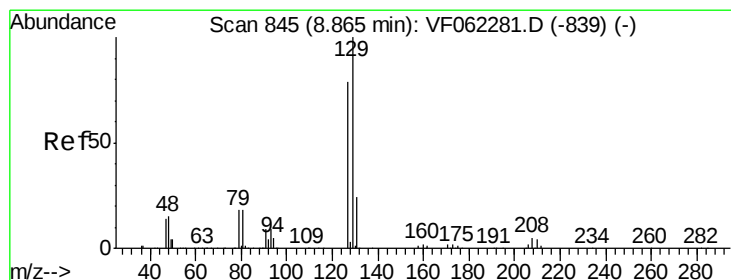
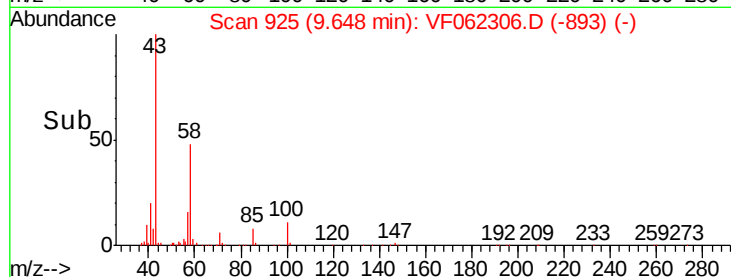
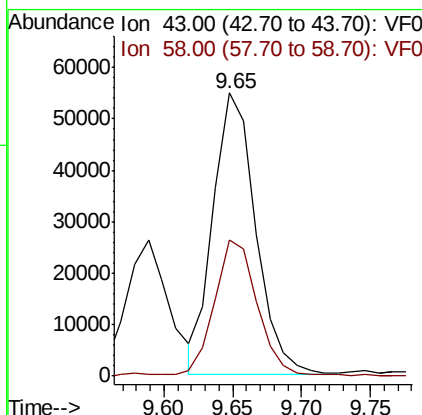
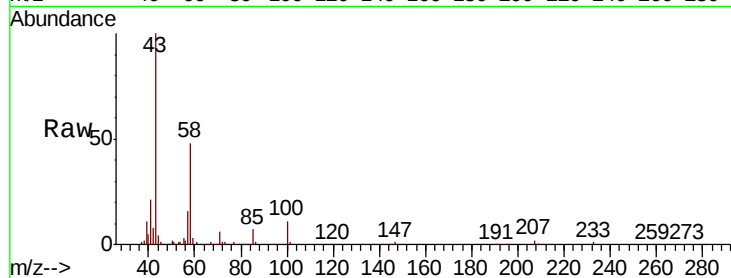




#59
2-Hexanone
Concen: 107.654 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

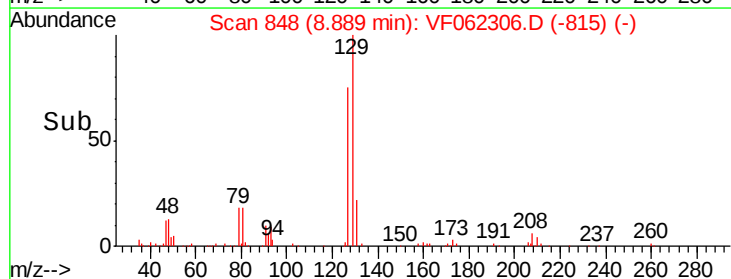
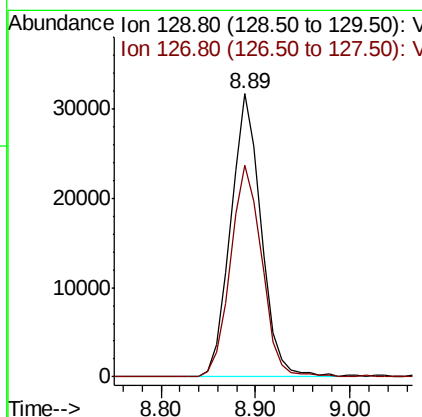
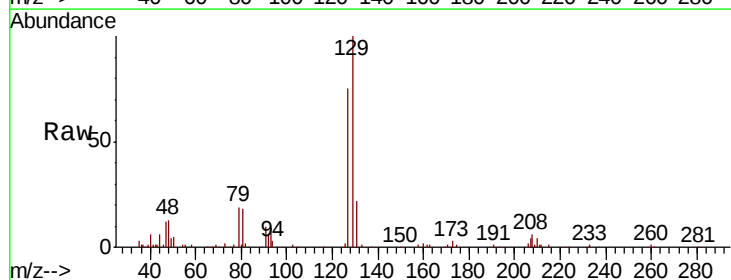
Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

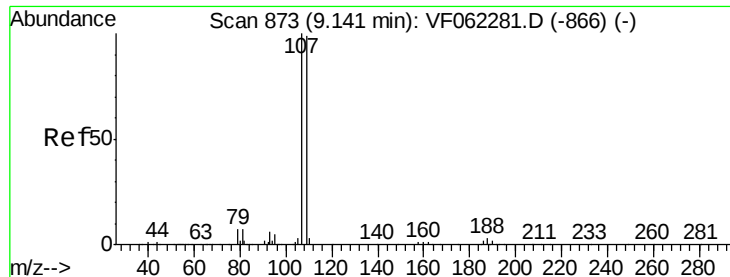
Tot Ion: 43 Resp: 118003
Ion Ratio Lower Upper
43 100
58 47.6 24.9 74.7



#60
Dibromochloromethane
Concen: 21.784 ug/l
RT: 8.89 min Scan# 848
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion:129 Resp: 70543
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 21.294 ug/l

RT: 9.16 min Scan# 876

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

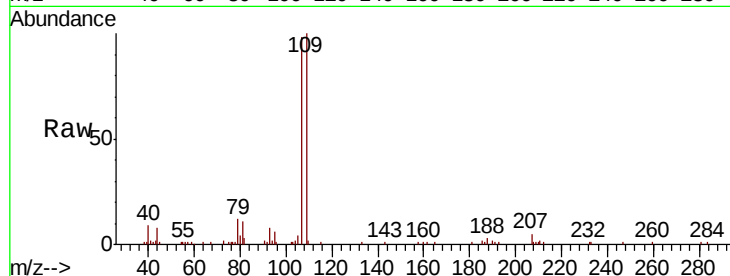
VF0426SBS01

Tot Ion:107 Resp: 49174

Ion Ratio Lower Upper

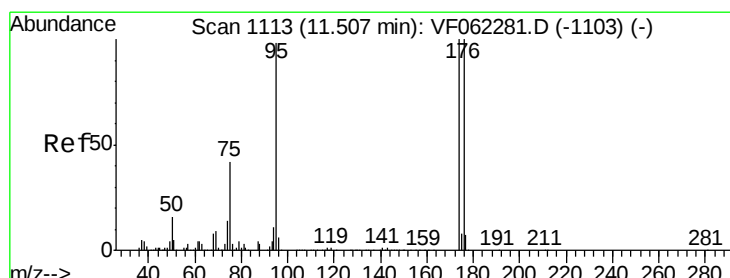
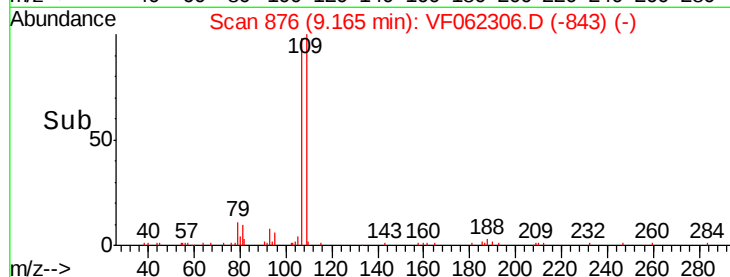
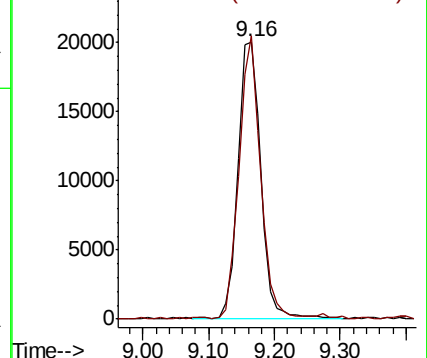
107 100

109 95.5 78.7 118.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.457 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

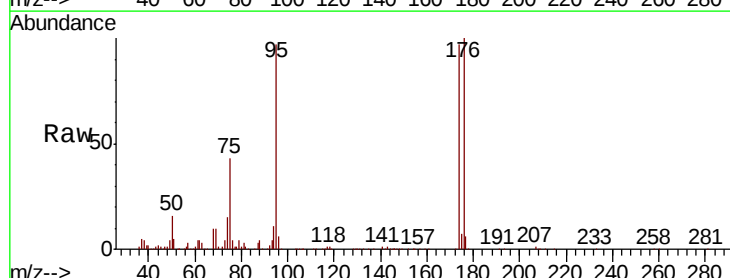
Tgt Ion: 95 Resp: 213885

Ion Ratio Lower Upper

95 100

174 95.4 0.0 185.2

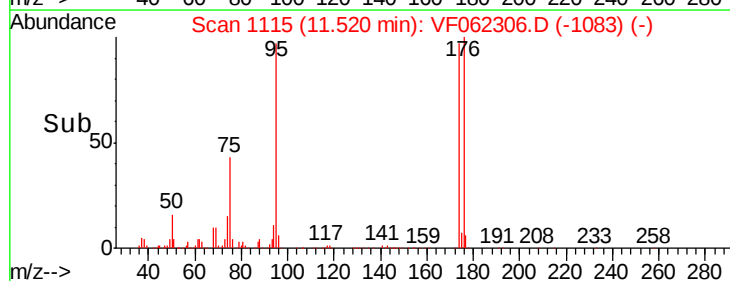
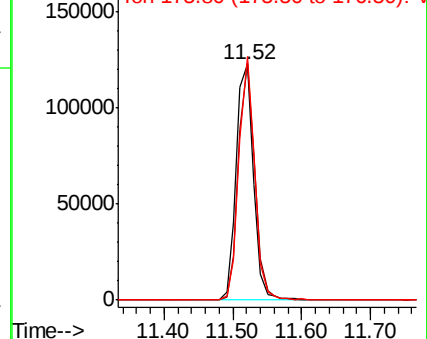
176 94.0 0.0 184.8

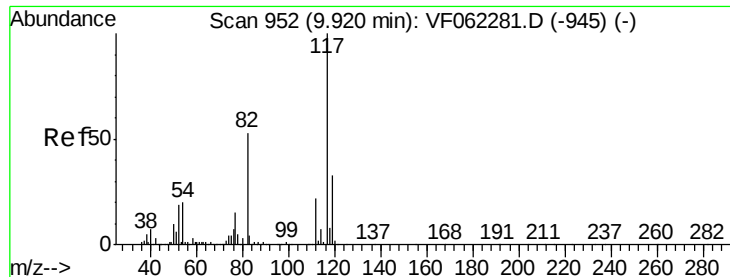


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

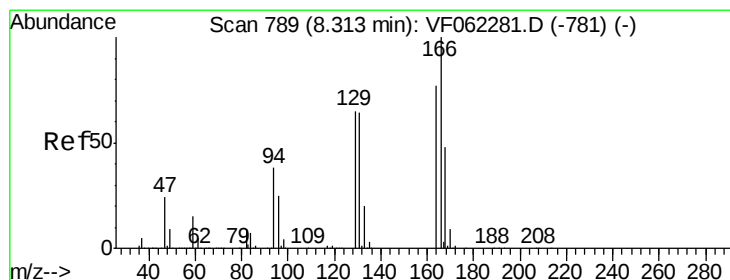
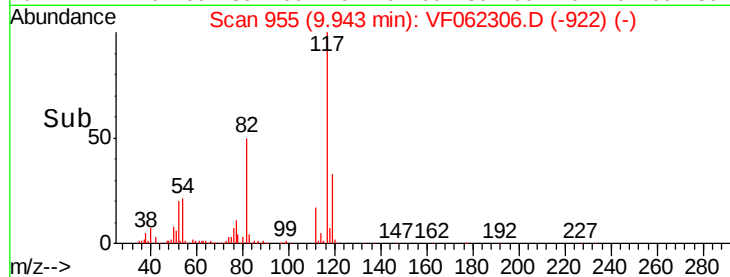
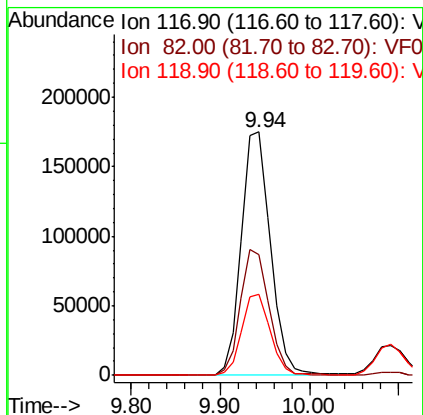
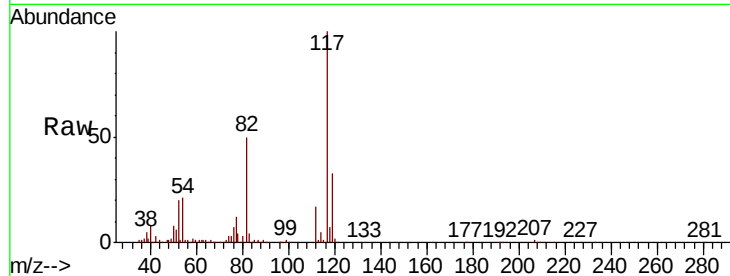




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 955
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

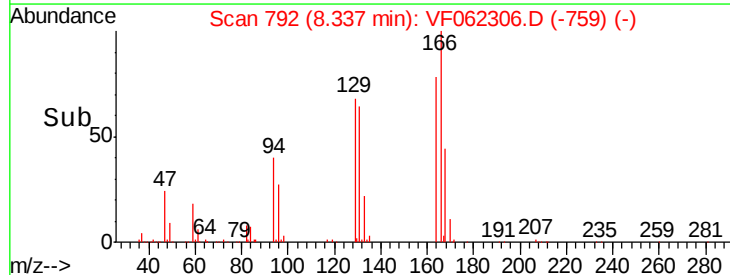
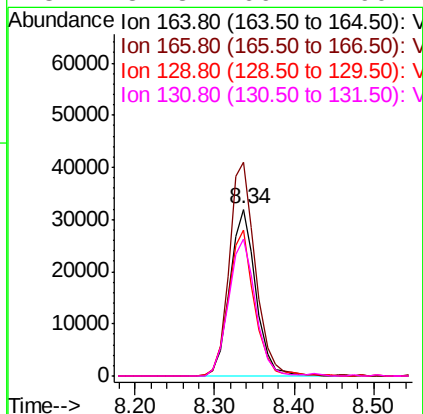
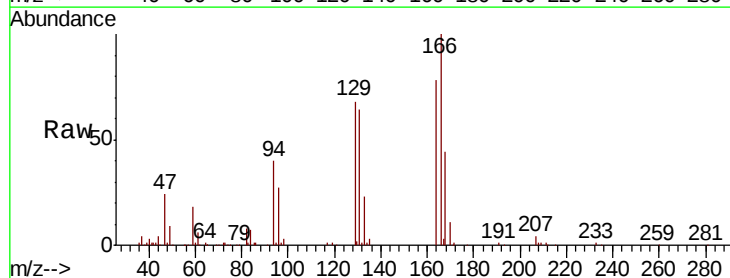
Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

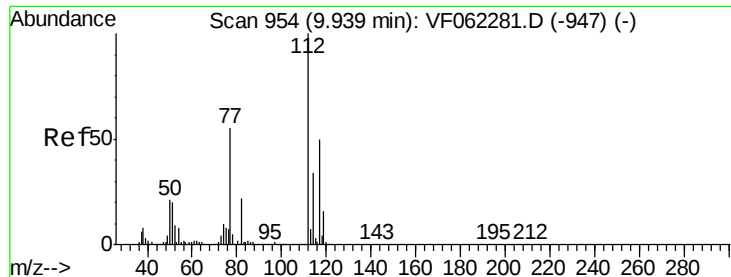
Tot Ion:117 Resp: 397629
Ion Ratio Lower Upper
117 100
82 49.7 42.6 64.0
119 33.3 26.1 39.1



#64
Tetrachloroethene
Concen: 21.963 ug/l
RT: 8.34 min Scan# 792
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion:164 Resp: 73046
Ion Ratio Lower Upper
164 100
166 128.1 103.5 155.3
129 87.7 67.6 101.4
131 82.3 66.1 99.1

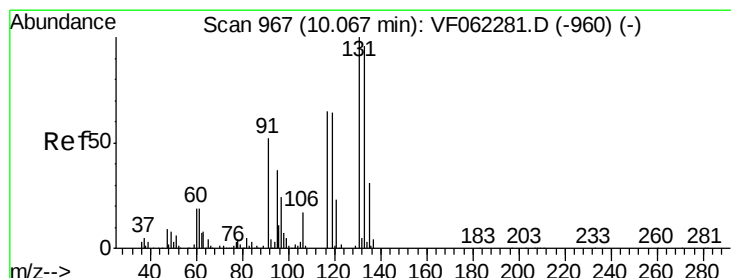
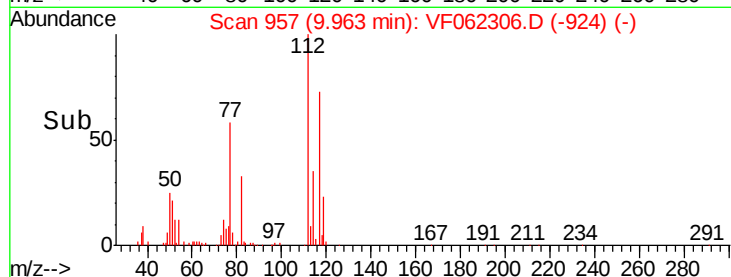
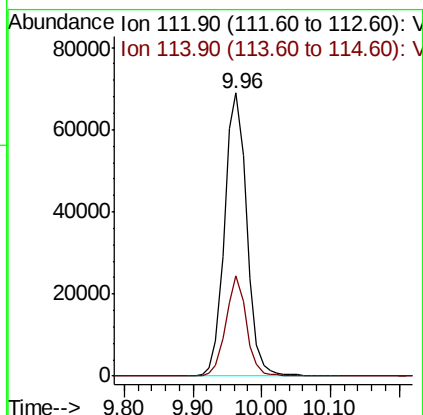
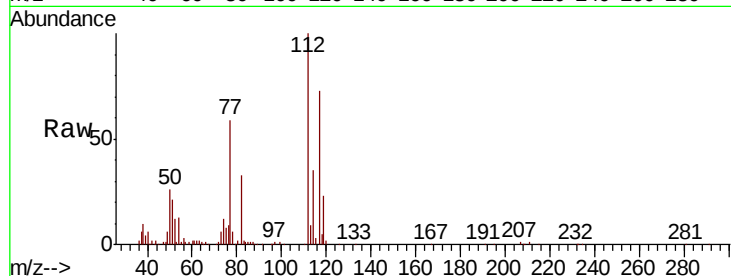




#65
Chlorobenzene
Concen: 21.290 ug/l
RT: 9.96 min Scan# 957
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

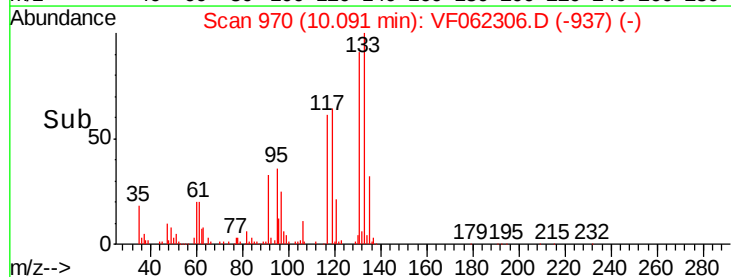
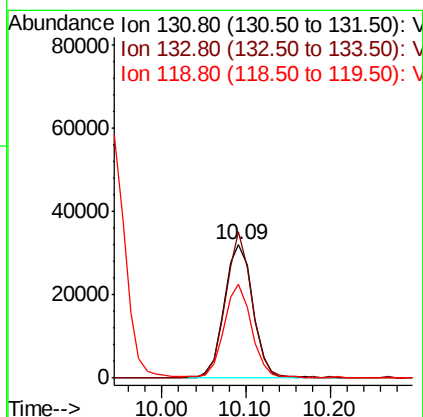
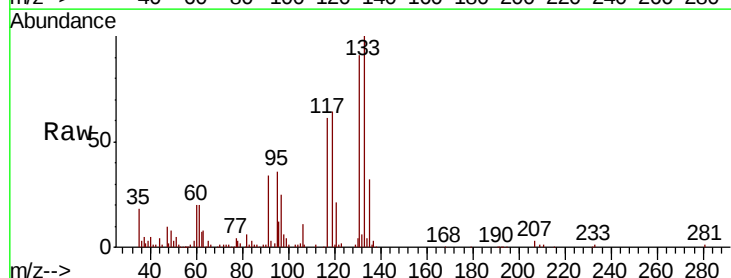
Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

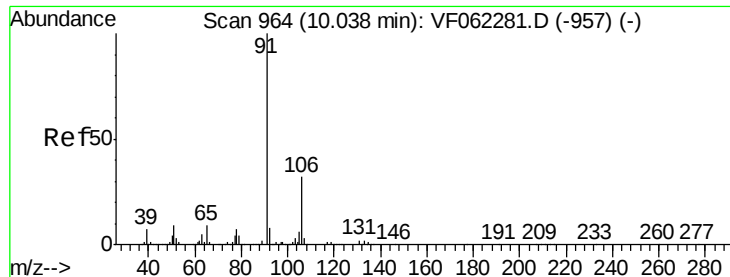
Tot Ion:112 Resp: 154700
Ion Ratio Lower Upper
112 100
114 35.3 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.125 ug/l
RT: 10.09 min Scan# 970
Delta R.T. 0.02 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion:131 Resp: 75724
Ion Ratio Lower Upper
131 100
133 101.1 48.5 145.5
119 66.8 32.9 98.7





#67

Ethyl Benzene

Concen: 22.458 ug/l

RT: 10.06 min Scan# 967

Delta R.T. 0.02 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

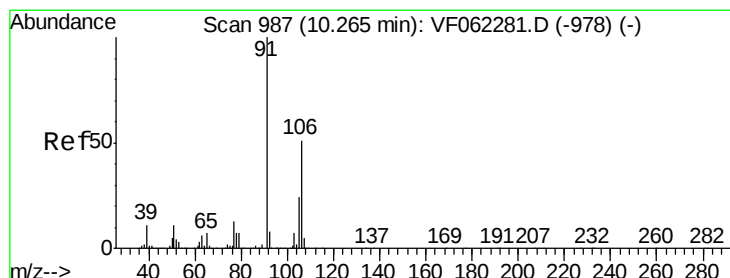
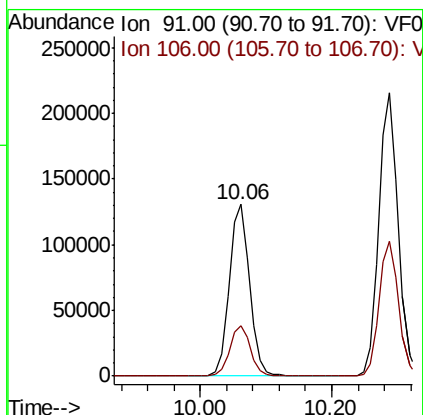
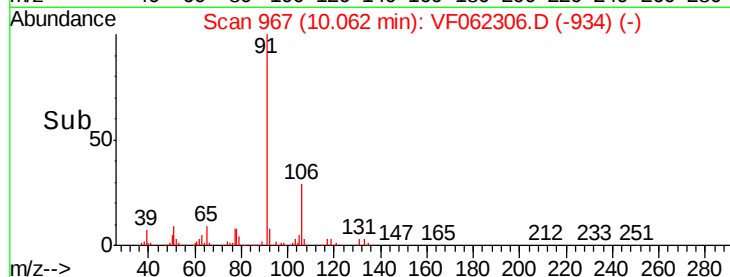
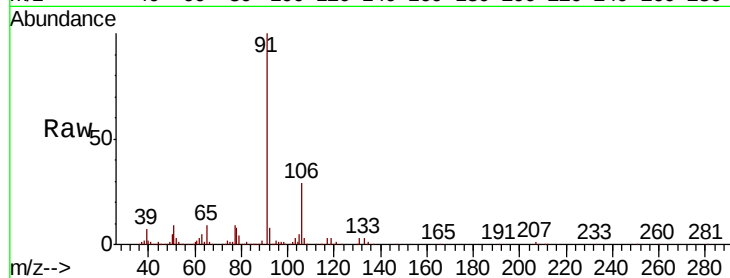
VF0426SBS01

Tot Ion: 91 Resp: 283691

Ion Ratio Lower Upper

91 100

106 29.0 25.6 38.4



#68

m/p-Xylenes

Concen: 45.147 ug/l

RT: 10.29 min Scan# 990

Delta R.T. 0.02 min

Lab File: VF062306.D

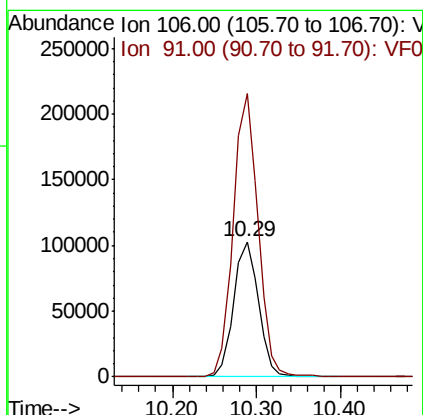
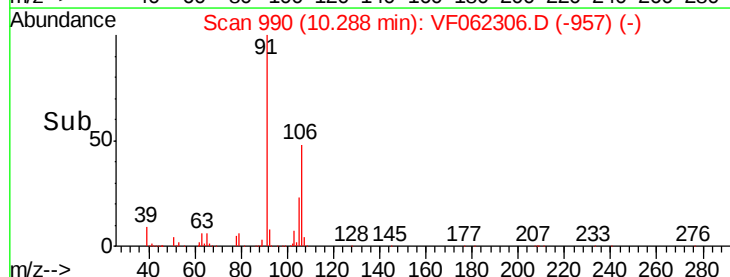
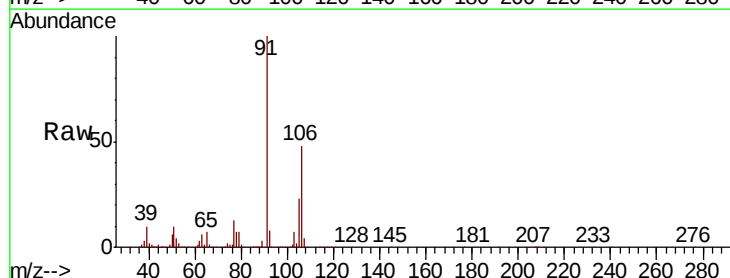
Acq: 26 Apr 2019 15:35

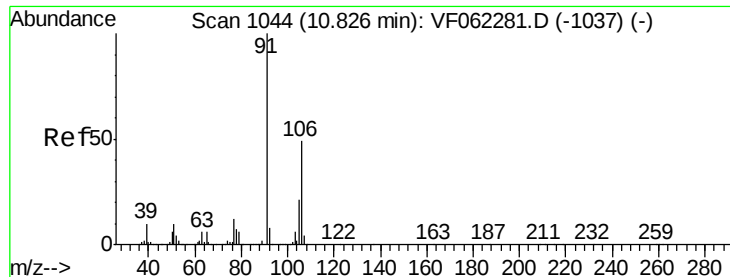
Tgt Ion: 106 Resp: 212334

Ion Ratio Lower Upper

106 100

91 208.1 158.3 237.5

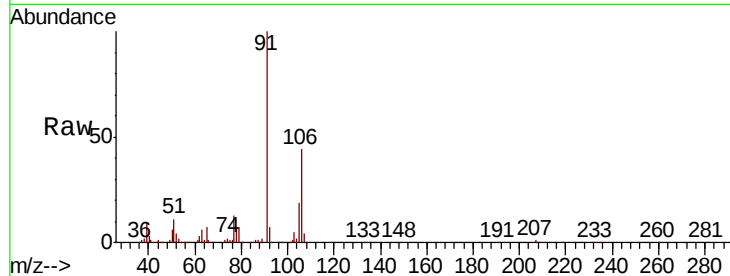




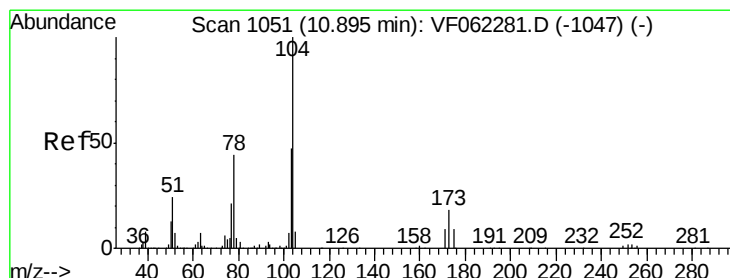
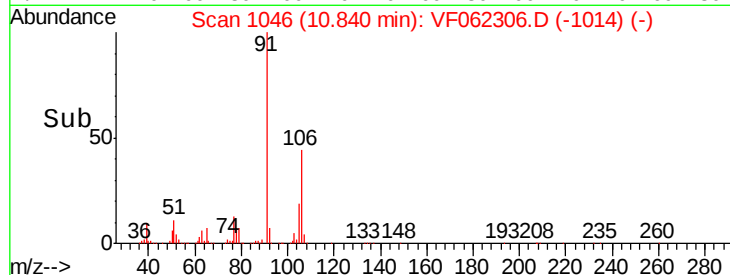
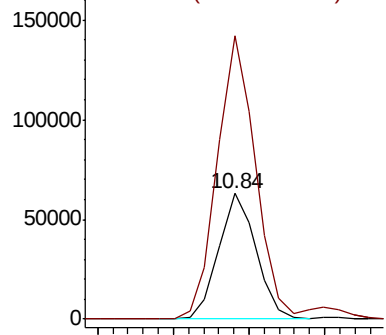
#69
o-Xylene
Concen: 20.807 ug/l
RT: 10.84 min Scan# 1046
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

Tot Ion:106 Resp: 109327
Ion Ratio Lower Upper
106 100
91 230.2 110.0 330.0

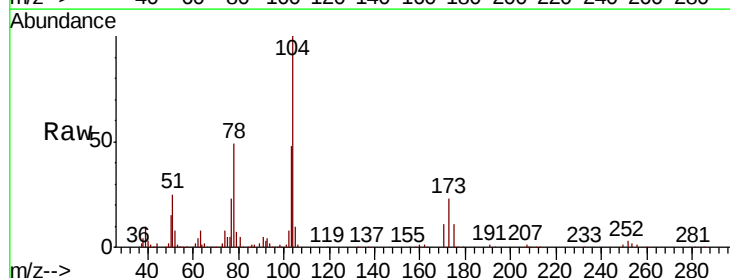


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

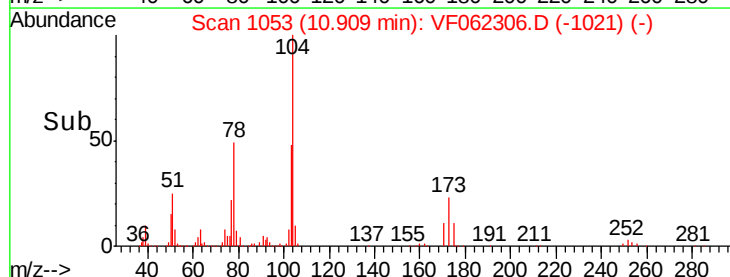
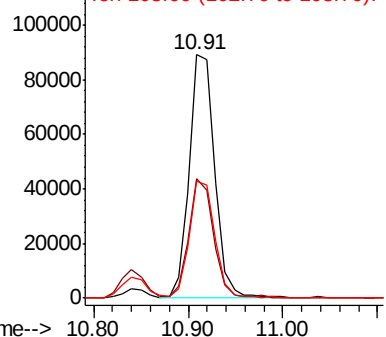


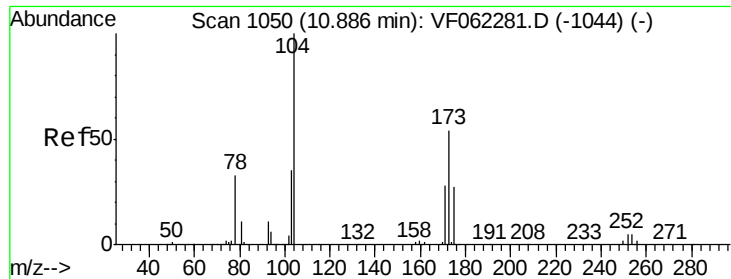
#70
Styrene
Concen: 21.783 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion:104 Resp: 165457
Ion Ratio Lower Upper
104 100
78 46.5 35.9 53.9
103 48.0 37.5 56.3



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

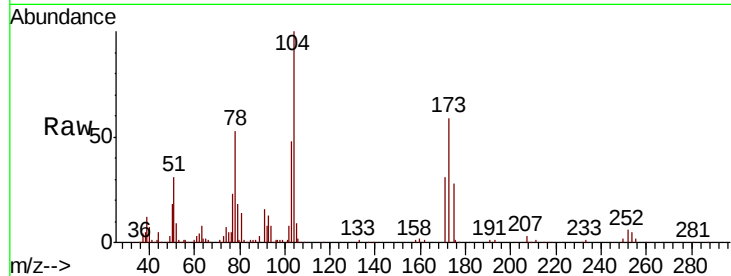




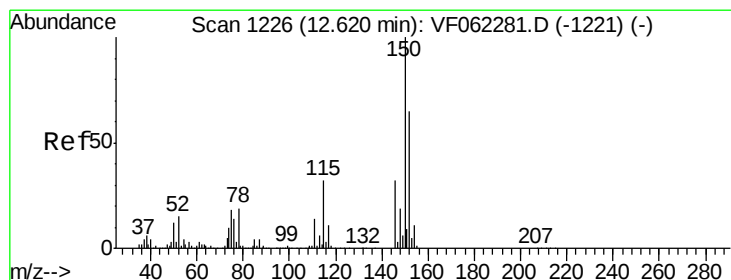
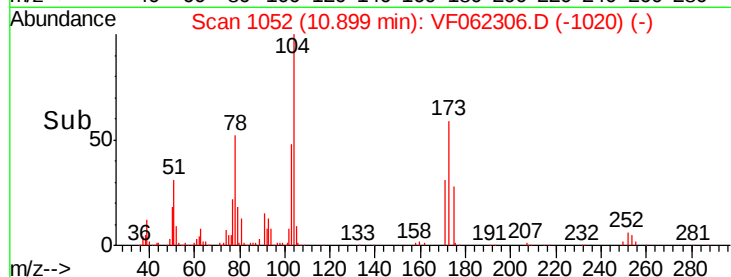
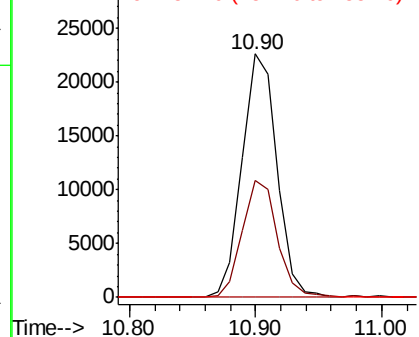
#71
Bromoform
Concen: 22.438 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

Tot Ion:173 Resp: 43228
Ion Ratio Lower Upper
173 100
175 48.6 25.3 75.9
254 0.0 0.1 0.1#

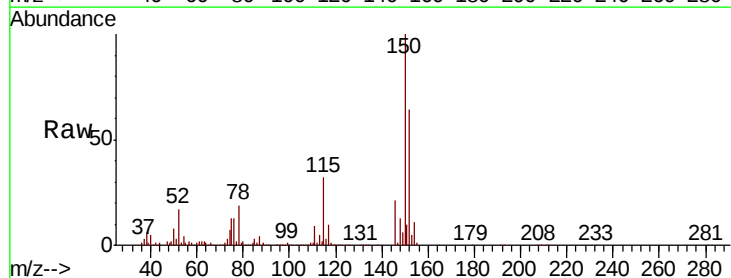


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

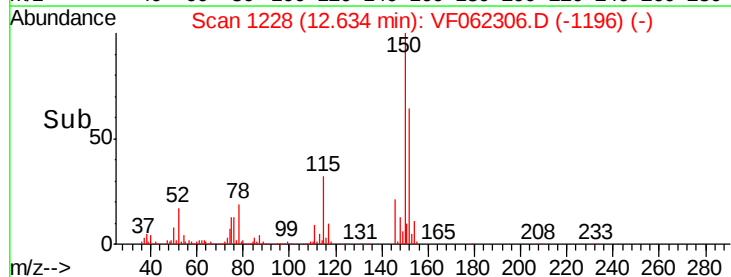
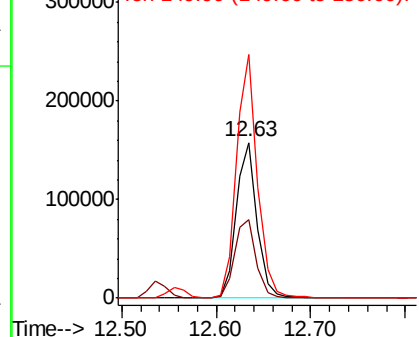


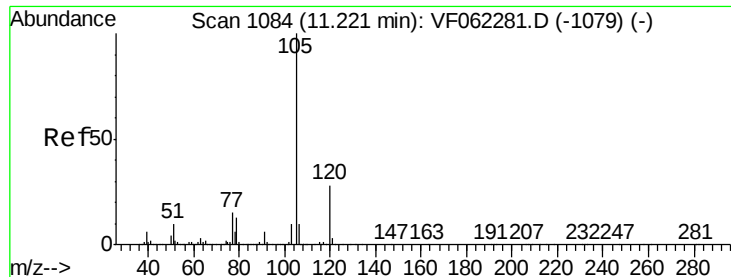
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion:152 Resp: 237725
Ion Ratio Lower Upper
152 100
115 53.3 25.6 76.8
150 159.4 0.0 330.6



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: 20.585 ug/l

RT: 11.23 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

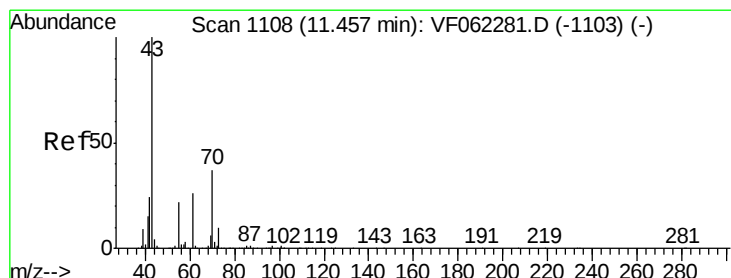
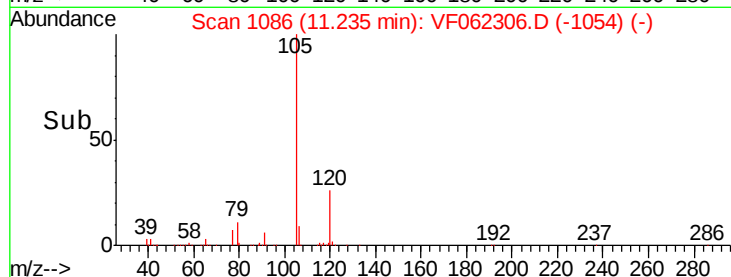
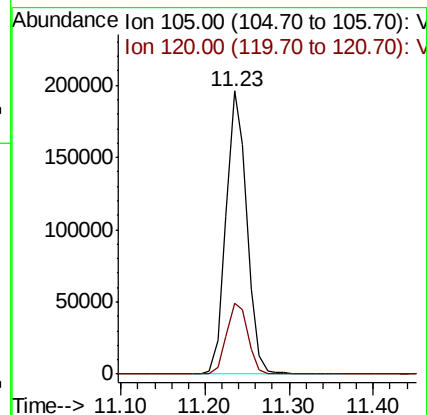
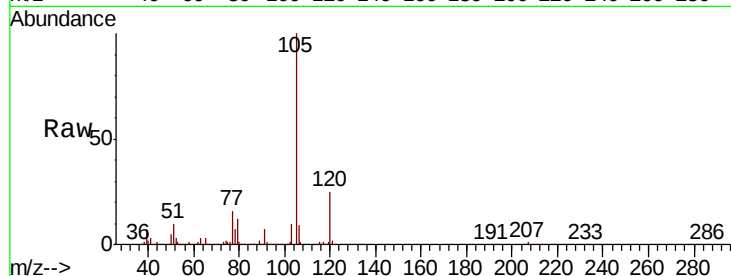
VF0426SBS01

Tot Ion:105 Resp: 335277

Ion Ratio Lower Upper

105 100

120 25.8 12.4 37.2



#74

N-ethyl acetate

Concen: 19.066 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Tgt Ion: 43 Resp: 71550

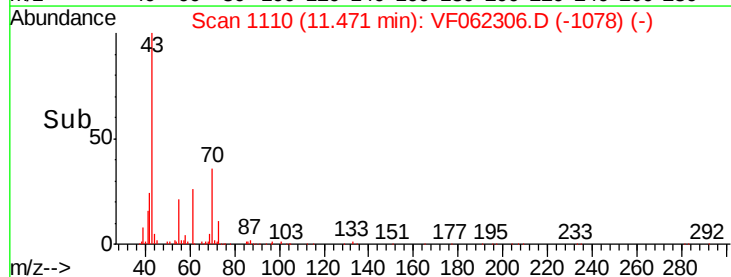
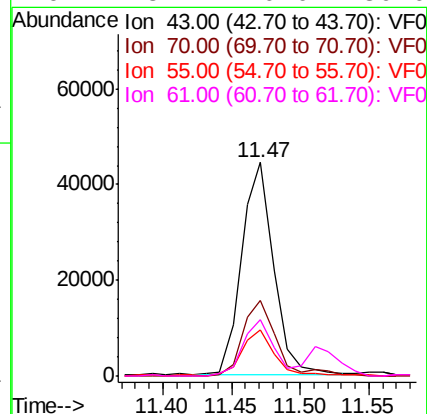
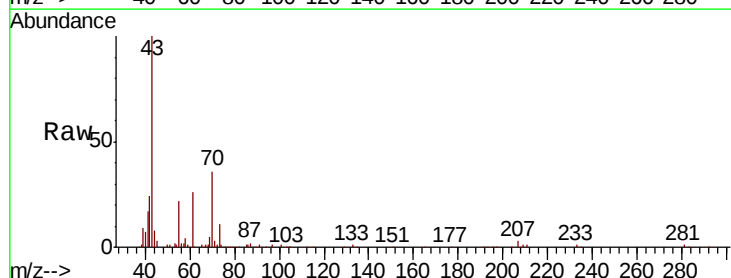
Ion Ratio Lower Upper

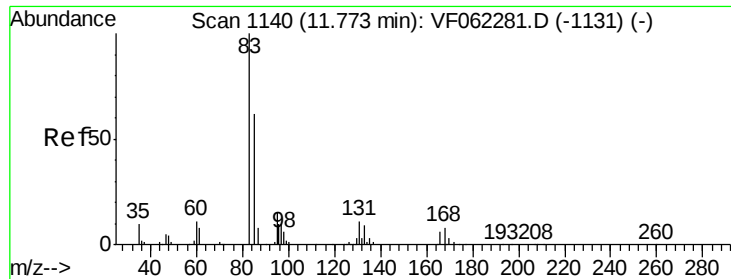
43 100

70 38.1 27.8 41.8

55 23.9 16.6 24.8

61 25.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.620 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

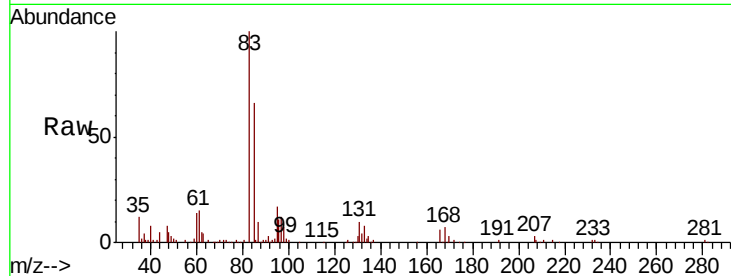
Tot Ion: 83 Resp: 53359

Ion Ratio Lower Upper

83 100

131 10.0 5.5 16.5

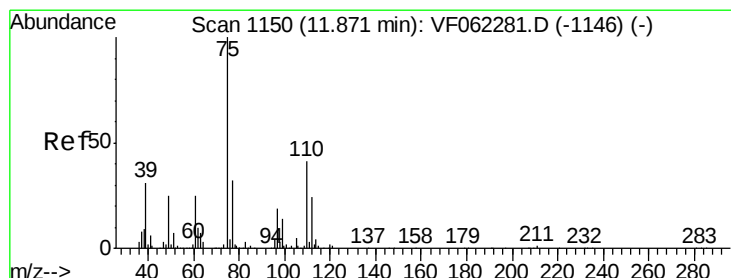
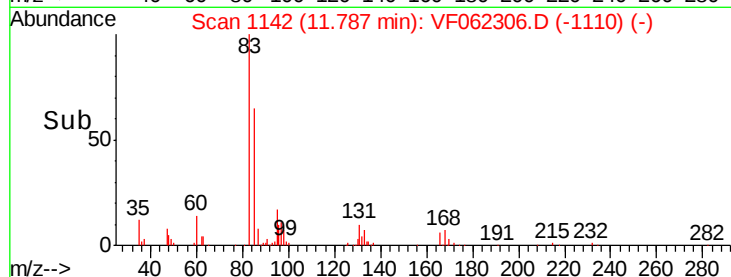
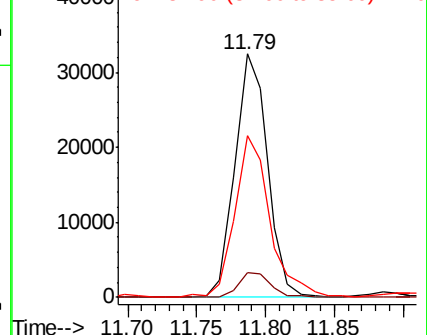
85 72.2 34.5 103.6



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): VF0

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 21.023 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.01 min

Lab File: VF062306.D

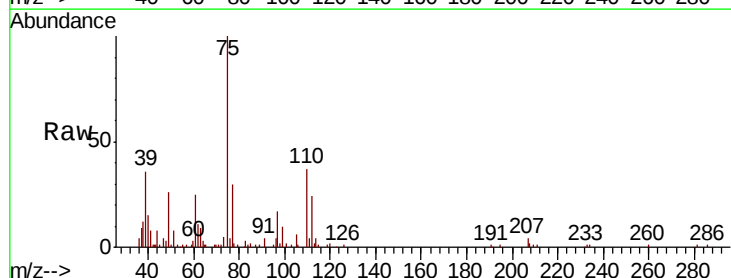
Acq: 26 Apr 2019 15:35

Tgt Ion: 75 Resp: 38598

Ion Ratio Lower Upper

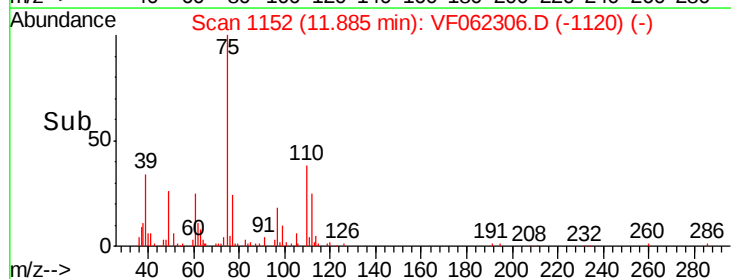
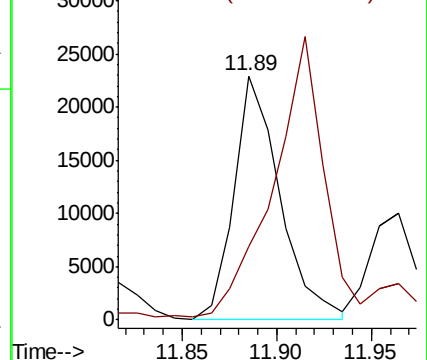
75 100

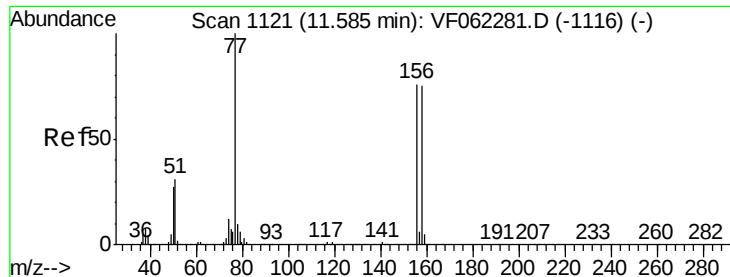
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0

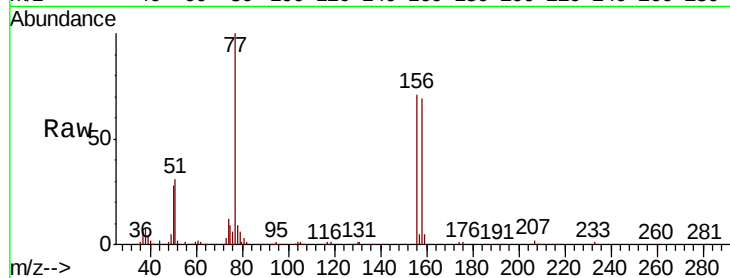




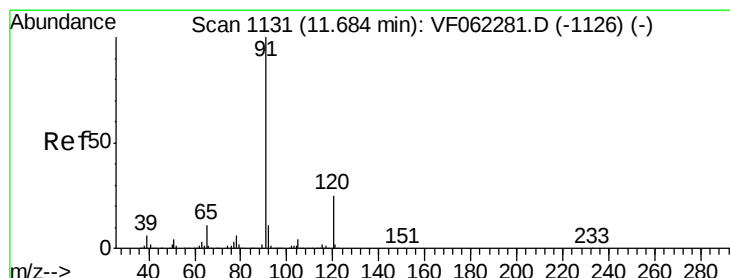
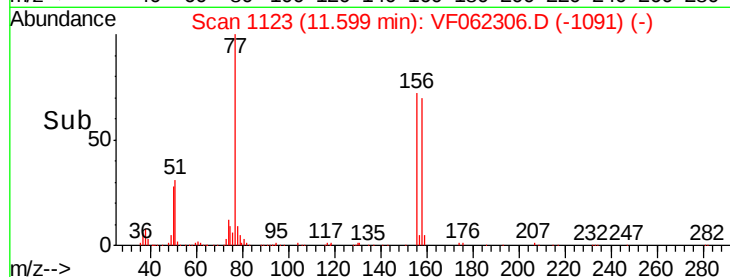
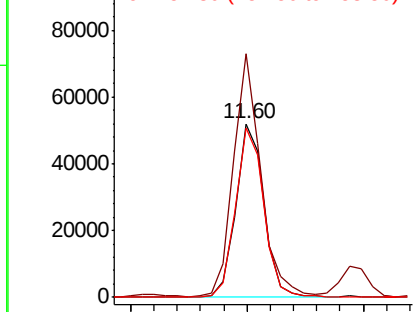
#77
Bromobenzene
Concen: 21.267 ug/l
RT: 11.60 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

Tot Ion:156 Resp: 86593
Ion Ratio Lower Upper
156 100
77 136.1 67.3 201.9
158 98.3 49.5 148.5

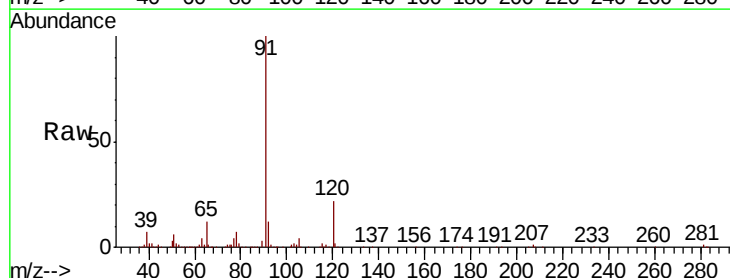


Abundance Ion 155.80 (155.50 to 156.50): V
100000
Ion 77.00 (76.70 to 77.70): VF0
Ion 157.80 (157.50 to 158.50): V

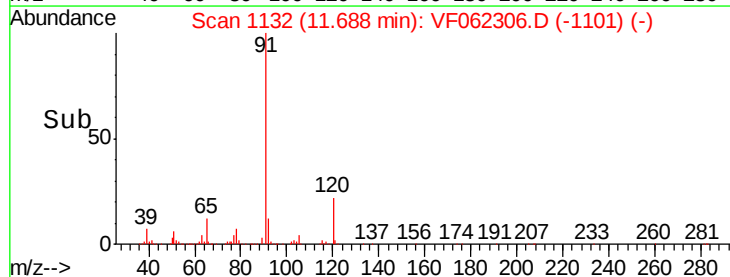
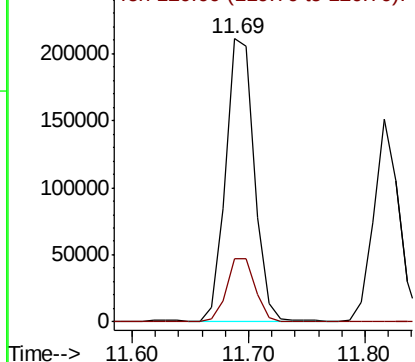


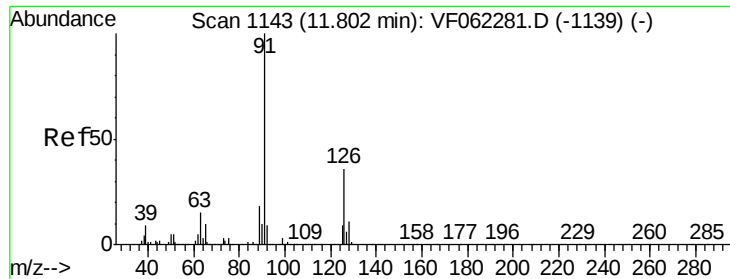
#78
n-propylbenzene
Concen: 20.887 ug/l
RT: 11.69 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion: 91 Resp: 357971
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VF0
250000
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.797 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

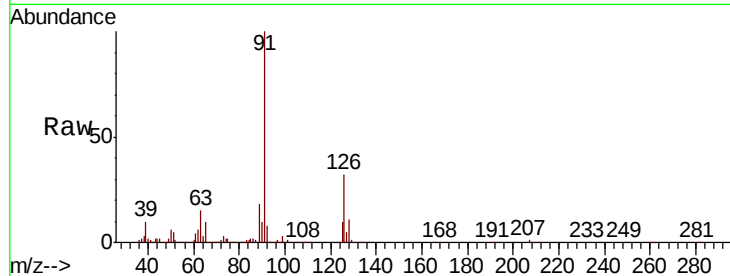
VF0426SBS01

Tot Ion: 91 Resp: 225012

Ion Ratio Lower Upper

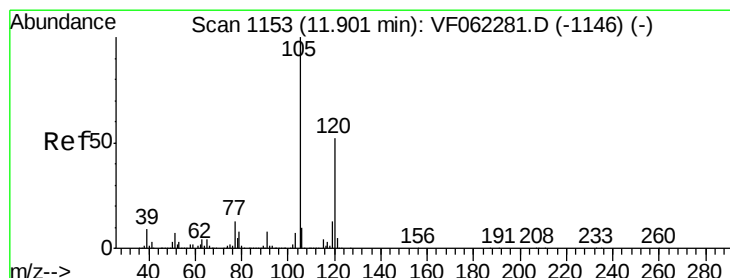
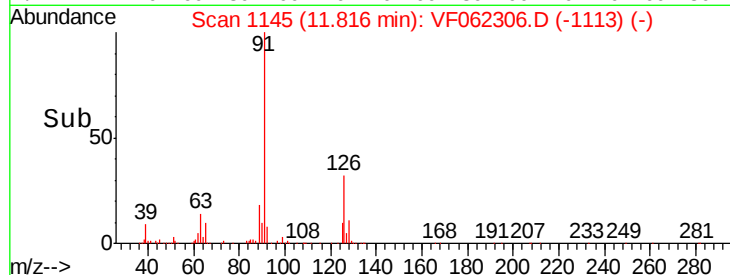
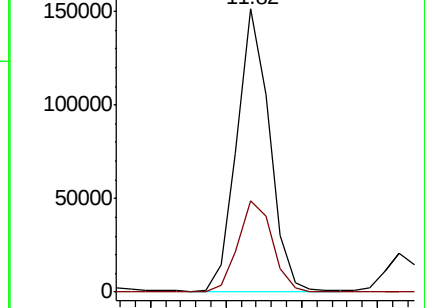
91 100

126 34.6 17.9 53.8



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: 20.950 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. 0.01 min

Lab File: VF062306.D

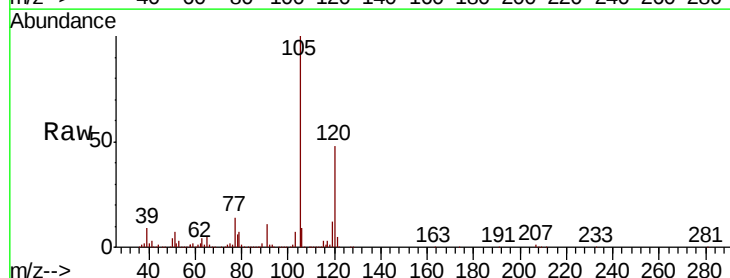
Acq: 26 Apr 2019 15:35

Tgt Ion:105 Resp: 288067

Ion Ratio Lower Upper

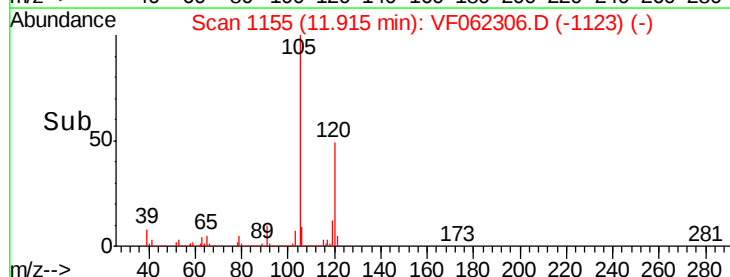
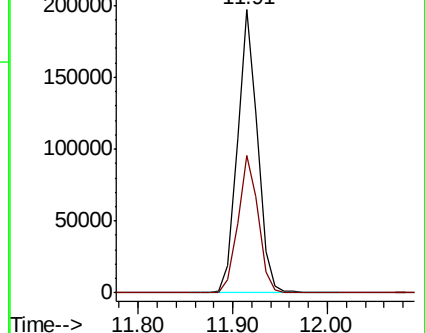
105 100

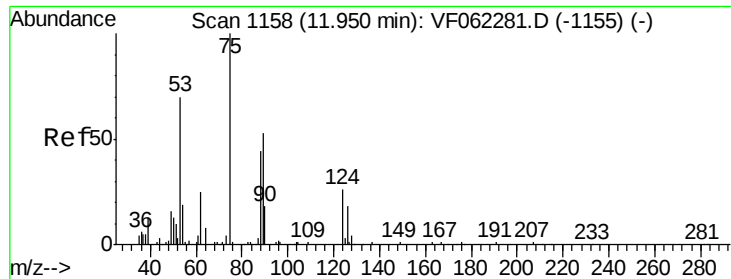
120 49.2 25.8 77.4



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: 28.980 ug/l

RT: 11.96 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

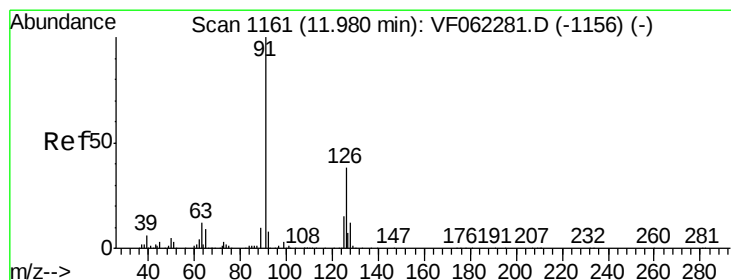
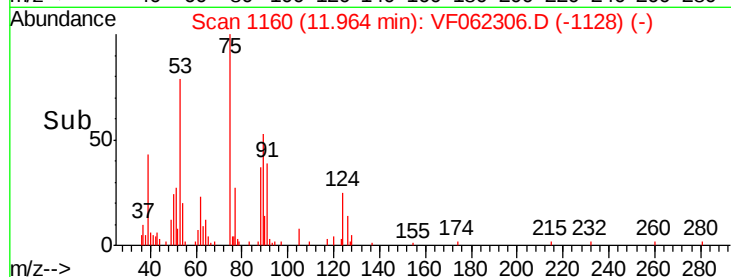
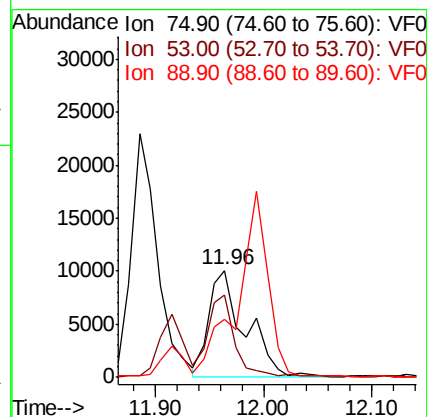
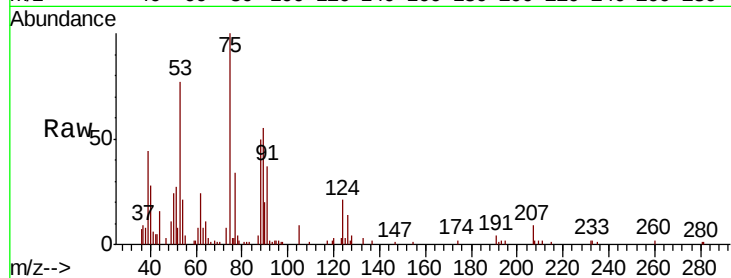
Tot Ion: 75 Resp: 23783

Ion Ratio Lower Upper

75 100

53 57.2 67.1 100.7#

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 21.401 ug/l

RT: 11.99 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VF062306.D

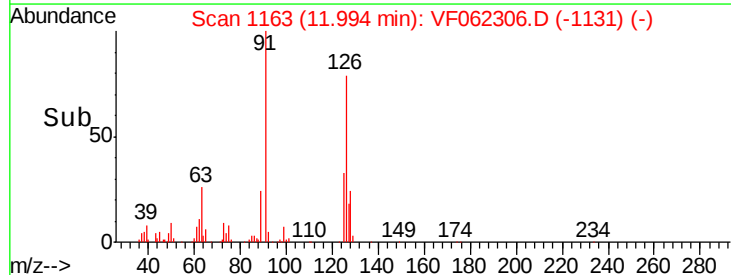
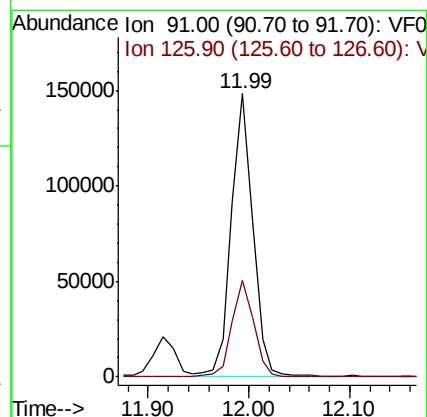
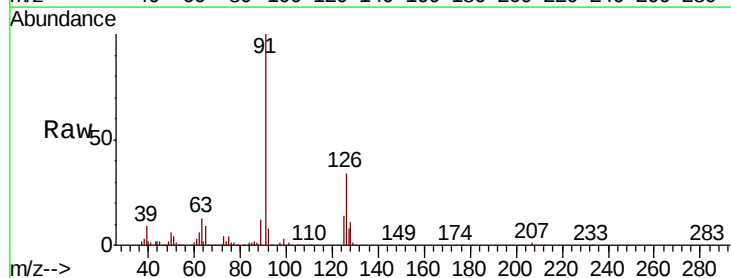
Acq: 26 Apr 2019 15:35

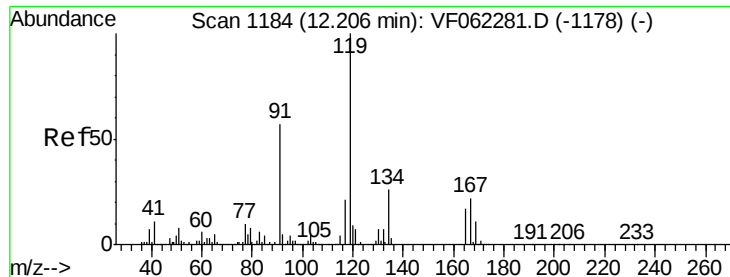
Tgt Ion: 91 Resp: 218604

Ion Ratio Lower Upper

91 100

126 35.7 17.3 52.0

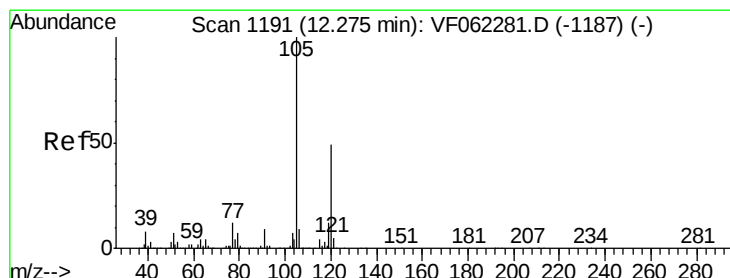
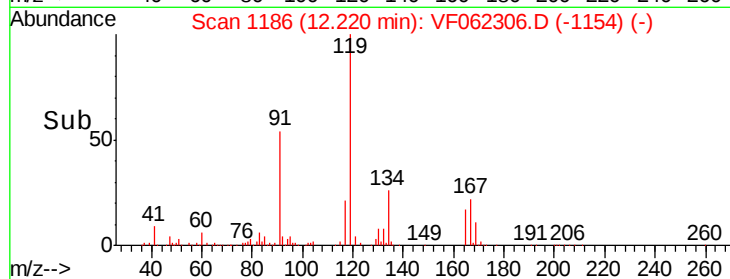
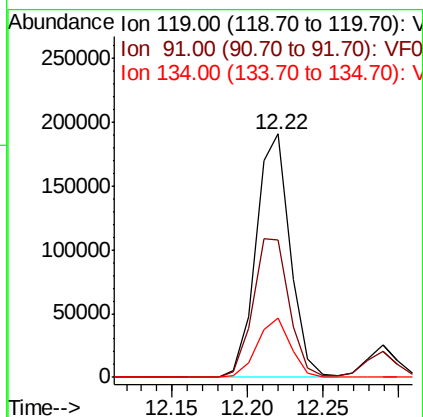
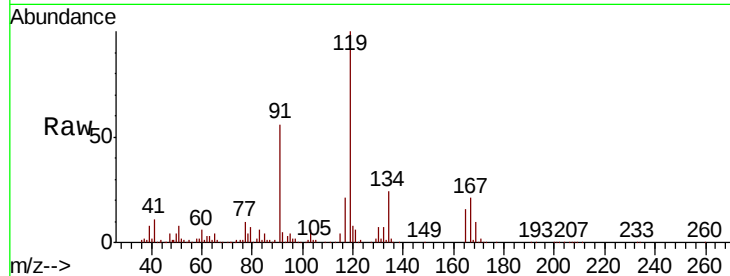




#83
tert-Butylbenzene
Concen: 21.323 ug/l
RT: 12.22 min Scan# 1186
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

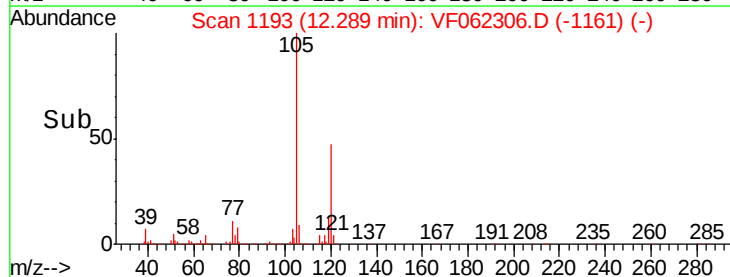
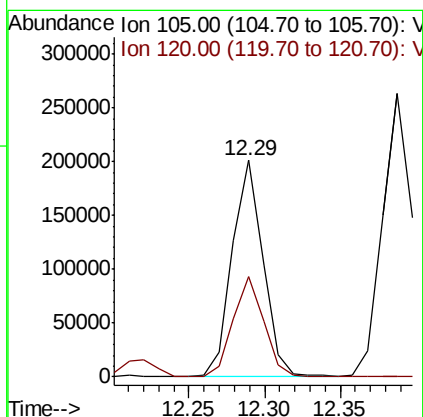
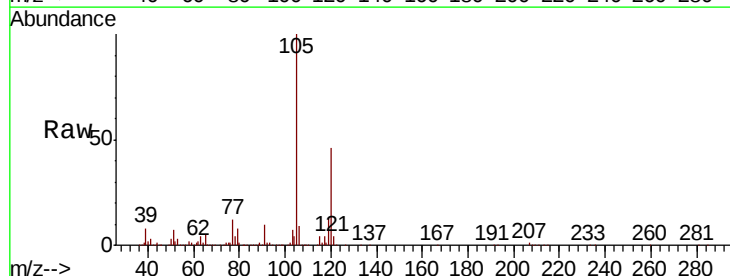
Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

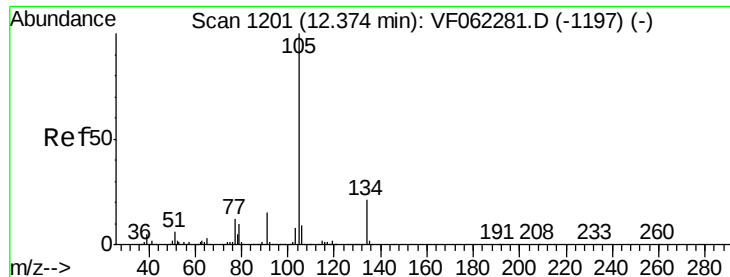
Tot Ion:119 Resp: 300891
Ion Ratio Lower Upper
119 100
91 60.2 29.4 88.2
134 23.8 11.9 35.7



#84
1,2,4-Trimethylbenzene
Concen: 21.431 ug/l
RT: 12.29 min Scan# 1193
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion:105 Resp: 285392
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.2





#85

sec-Butylbenzene

Concen: 21.130 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

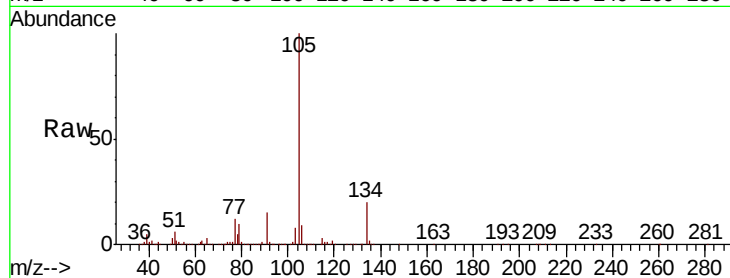
VF0426SBS01

Tot Ion:105 Resp: 371372

Ion Ratio Lower Upper

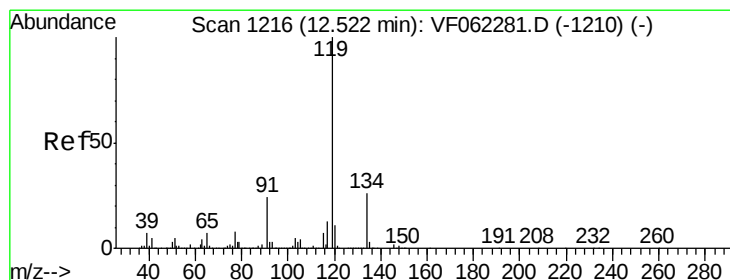
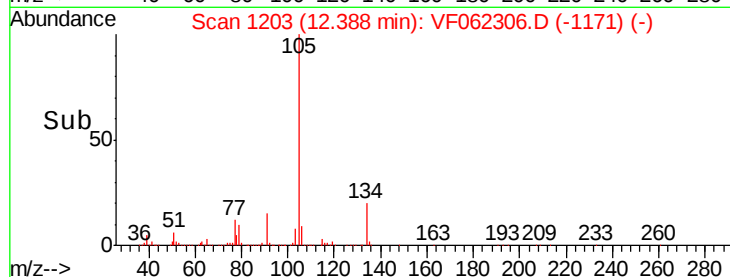
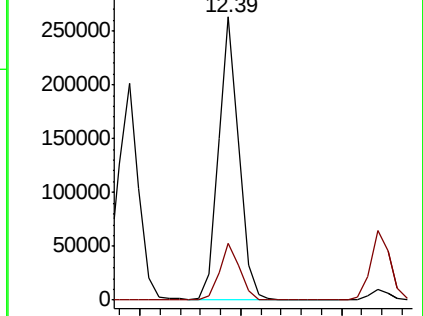
105 100

134 19.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.035 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

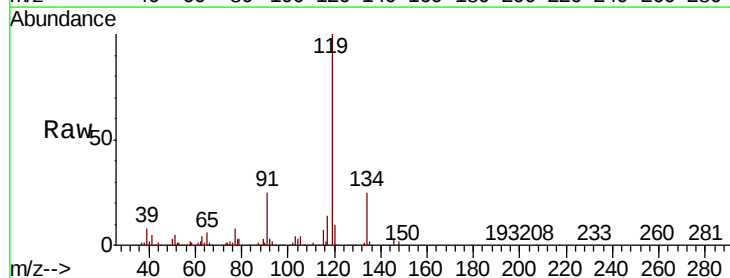
Tgt Ion:119 Resp: 347213

Ion Ratio Lower Upper

119 100

134 25.1 13.2 39.5

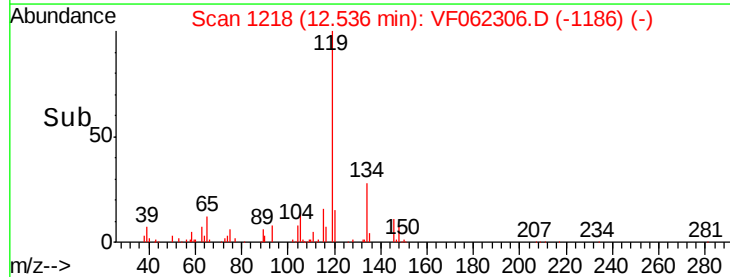
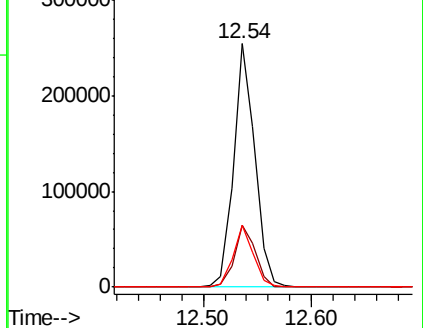
91 24.4 11.6 34.7

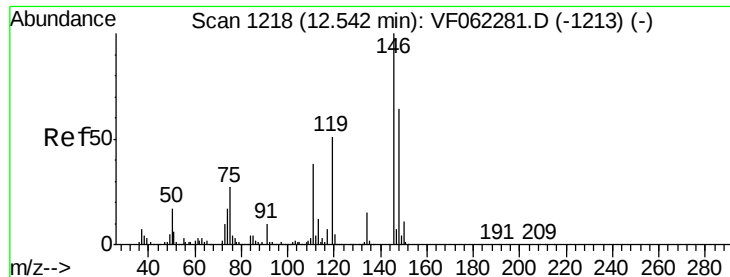


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

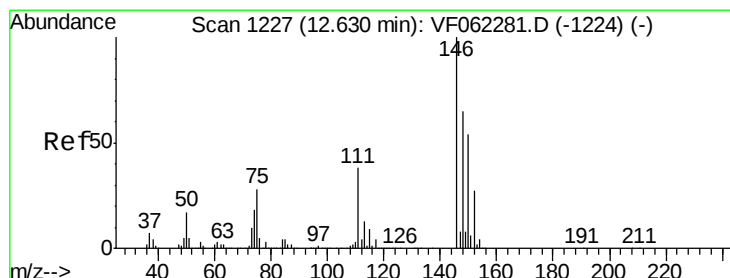
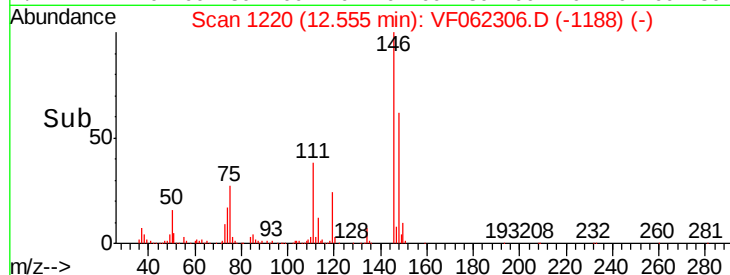
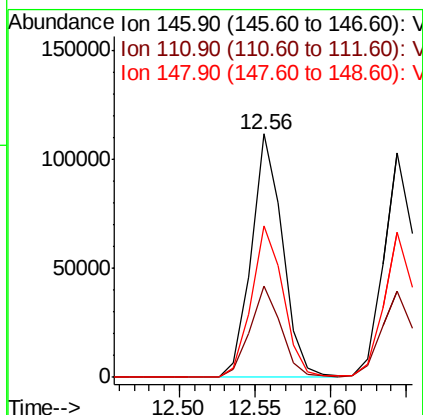
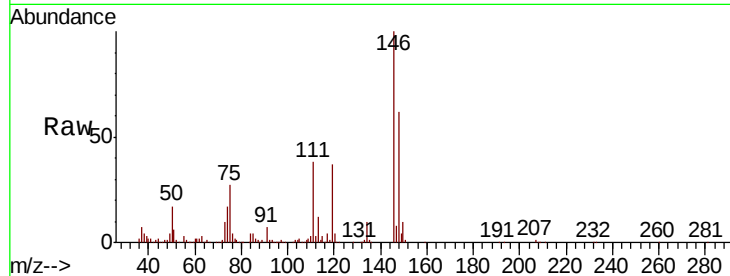




#87
 1,3-Dichlorobenzene
 Concen: 22.378 ug/l
 RT: 12.56 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

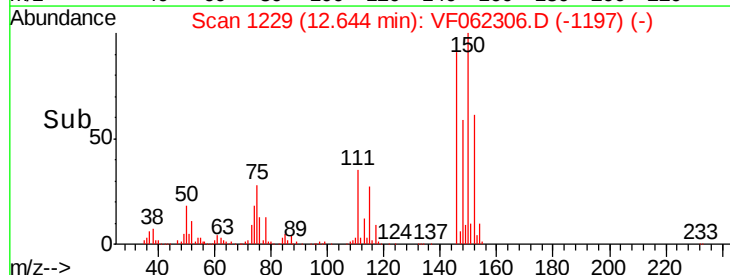
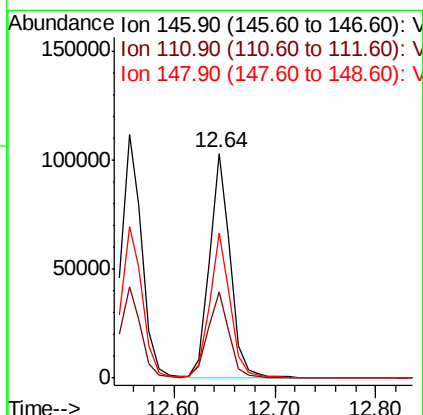
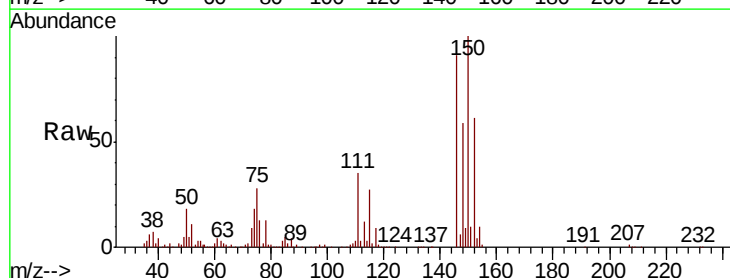
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0426SBS01

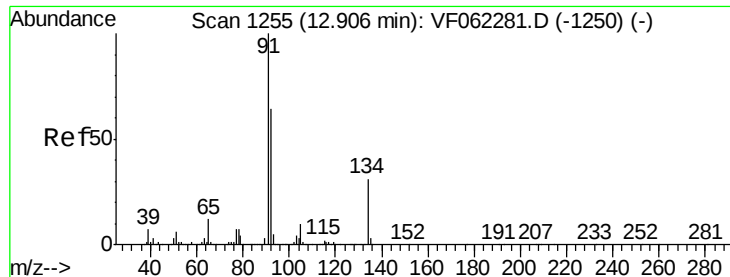
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	63.5	32.8	98.4



#88
 1,4-Dichlorobenzene
 Concen: 21.778 ug/l
 RT: 12.64 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.6	56.0
148	64.7	32.5	97.5





#89

n-Butylbenzene

Concen: 21.406 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VF062306.D

Acq: 26 Apr 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBS01

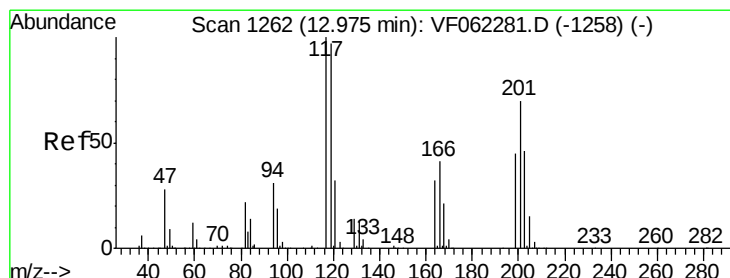
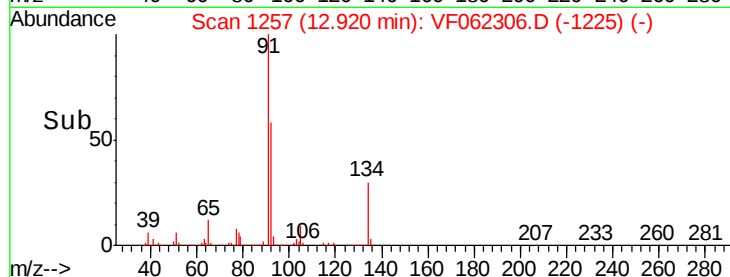
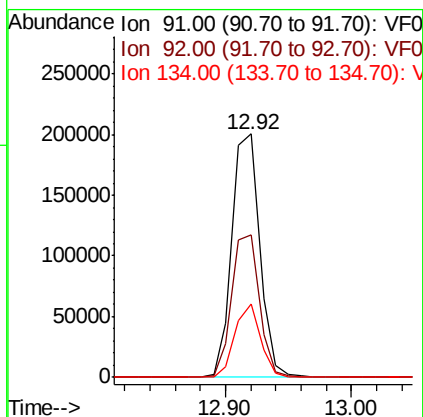
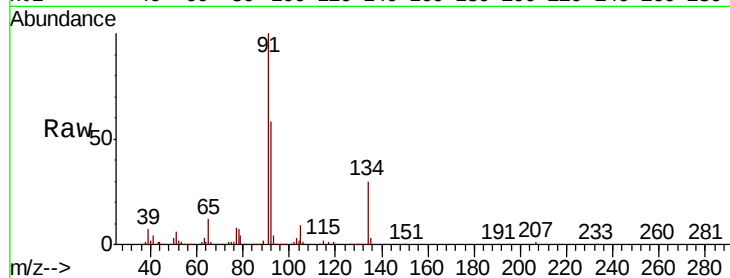
Tot Ion: 91 Resp: 306490

Ion Ratio Lower Upper

91 100

92 58.2 31.1 93.3

134 27.6 14.4 43.4



#90

Hexachloroethane

Concen: 22.060 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VF062306.D

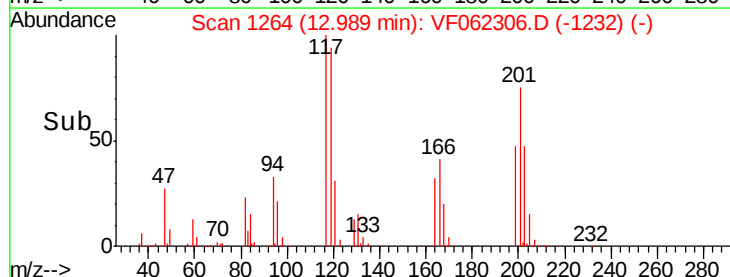
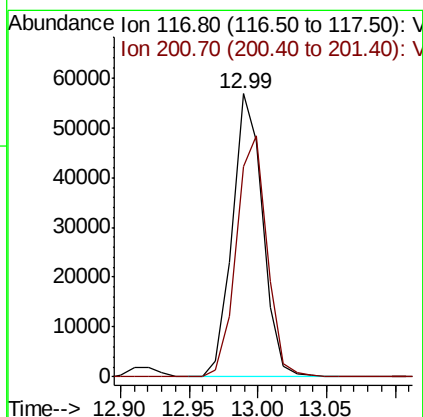
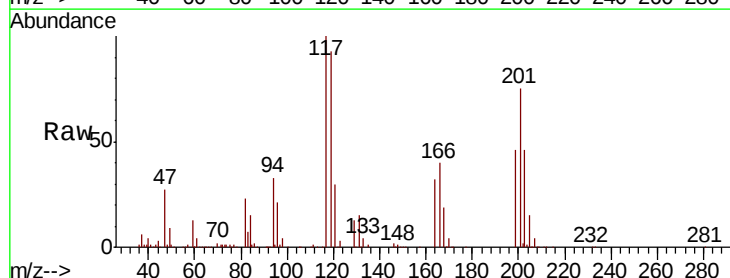
Acq: 26 Apr 2019 15:35

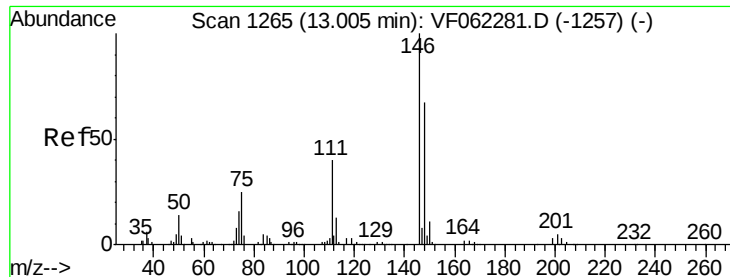
Tgt Ion: 117 Resp: 87135

Ion Ratio Lower Upper

117 100

201 86.3 42.9 128.5

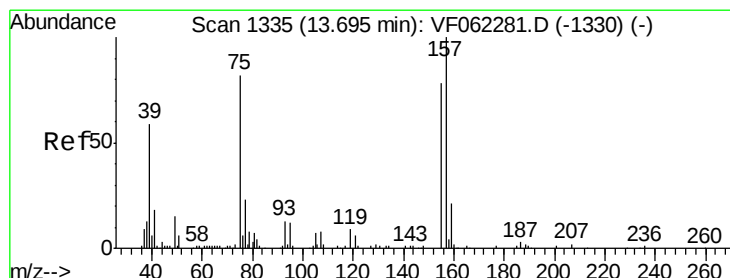
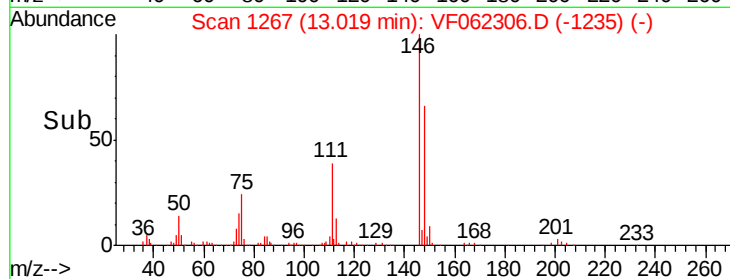
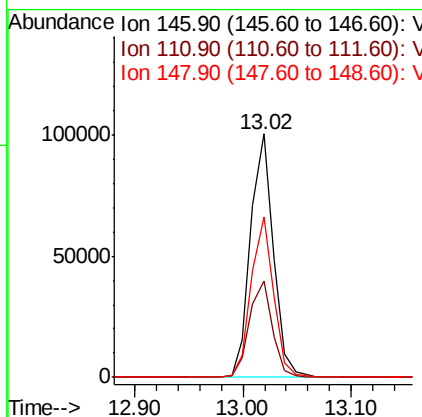
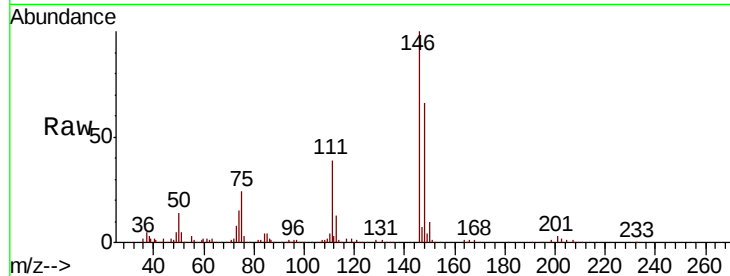




#91
 1,2-Dichlorobenzene
 Concen: 21.392 ug/l
 RT: 13.02 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

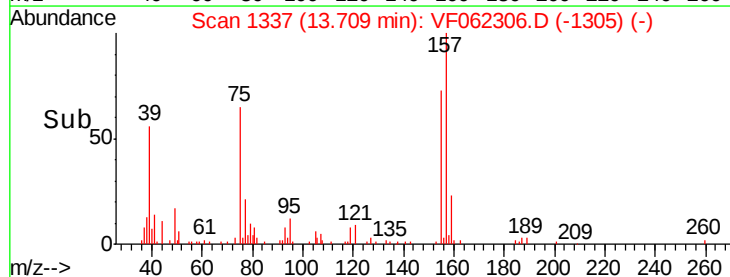
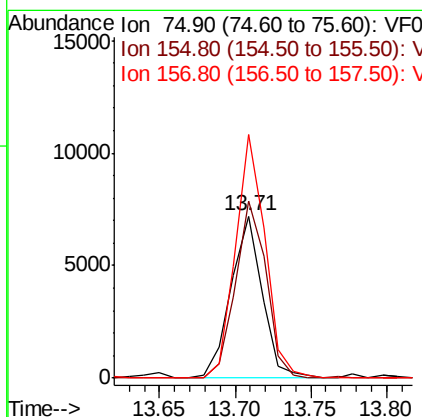
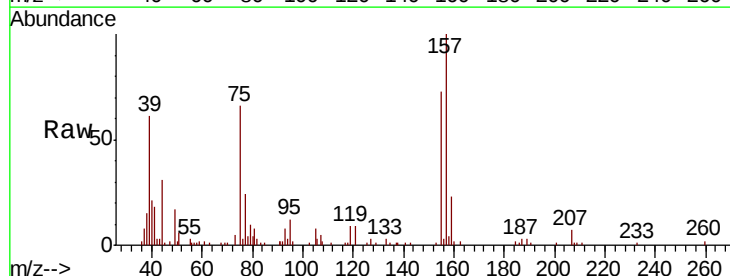
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0426SBS01

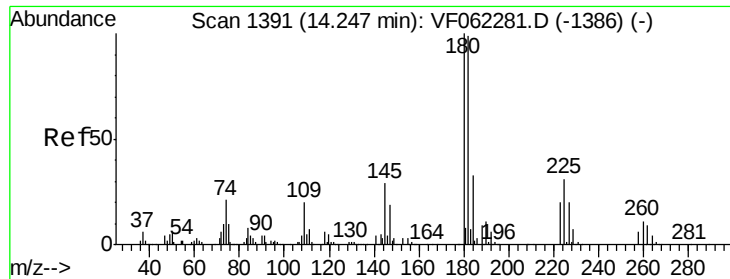
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	64.7	33.1	99.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.886 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.3	51.7	155.2
157	141.4	64.5	193.5

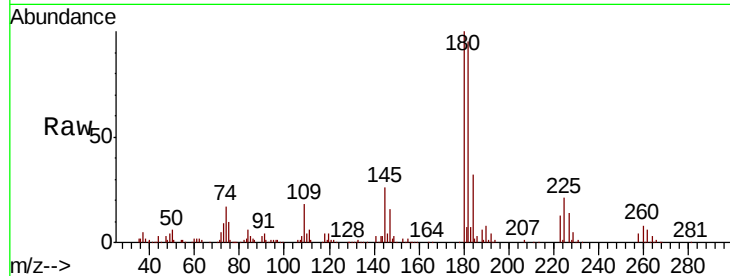




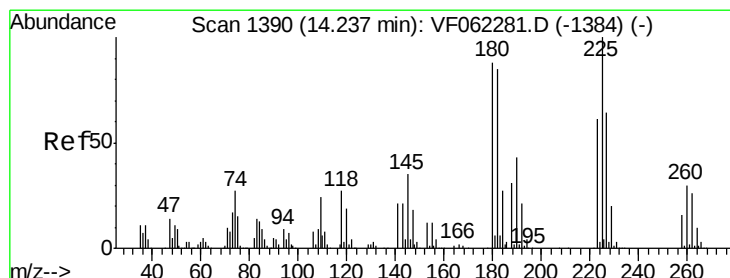
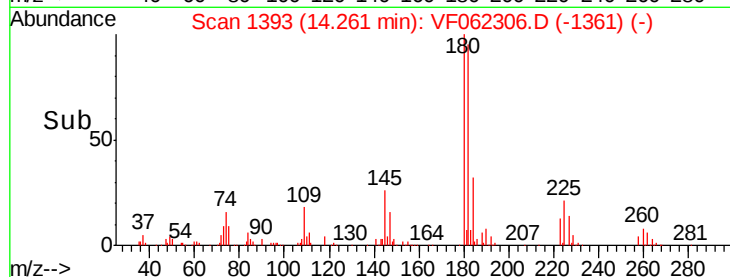
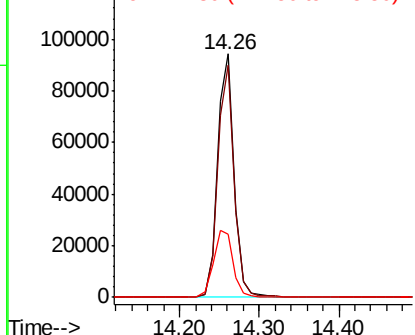
#93
 1,2,4-Trichlorobenzene
 Concen: 22.737 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0426SBS01

Tot Ion:180 Resp: 138123
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.5 145.6
 145 32.4 16.7 50.1

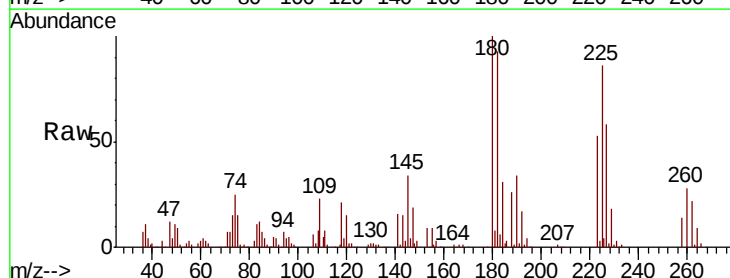


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

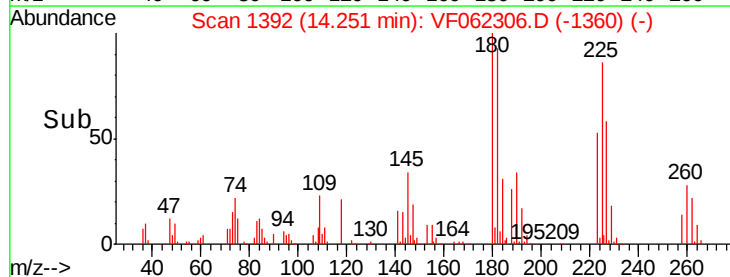
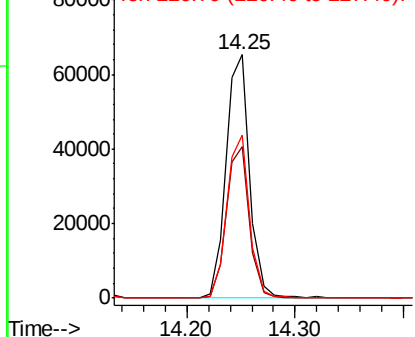


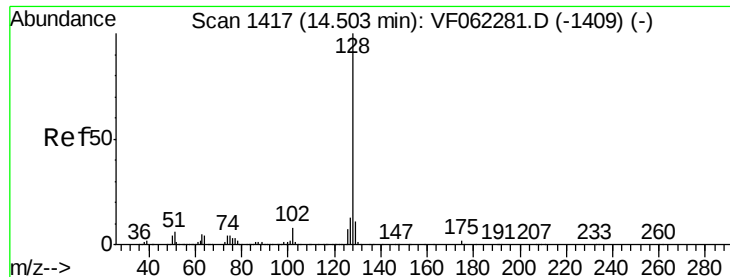
#94
 Hexachlorobutadiene
 Concen: 22.558 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VF062306.D
 Acq: 26 Apr 2019 15:35

Tgt Ion:225 Resp: 98549
 Ion Ratio Lower Upper
 225 100
 223 60.7 30.8 92.3
 227 64.8 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

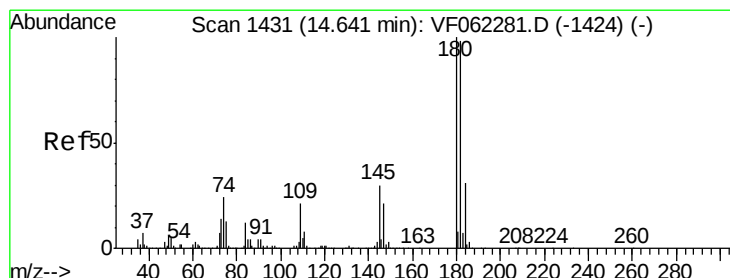
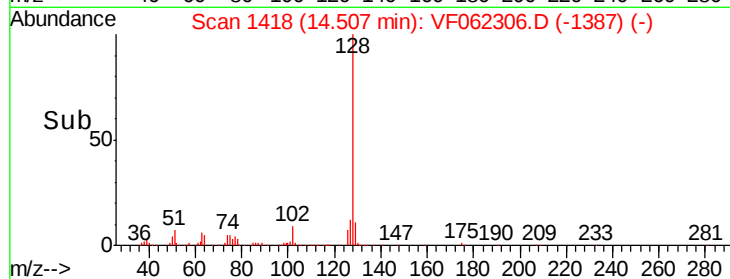
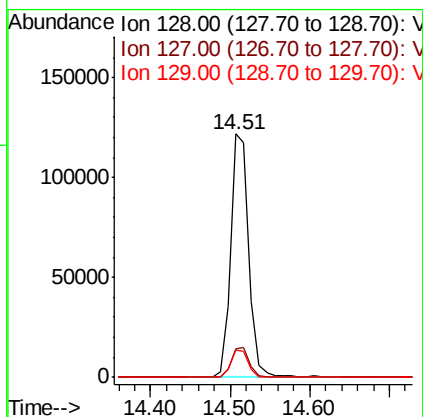
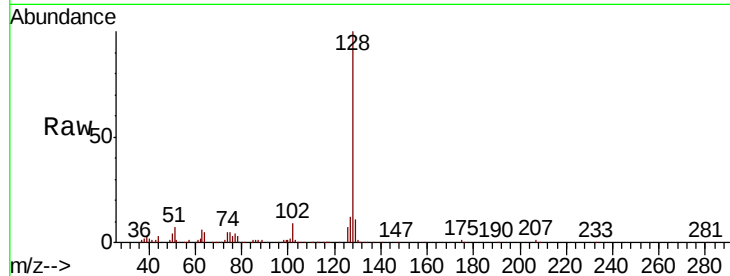




#95
Naphthalene
Concen: 20.729 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. 0.00 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
VF0426SBS01

Tot Ion:128 Resp: 195087
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.730 ug/l
RT: 14.66 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VF062306.D
Acq: 26 Apr 2019 15:35

Tgt Ion:180 Resp: 130590
Ion Ratio Lower Upper
180 100
182 97.1 49.0 147.2
145 28.7 14.5 43.5

