

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062833.D
 Acq On : 3 Jun 2019 17:23
 Operator : FY/SY
 Sample : K3138-05RE
 Misc : 5.01g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-09-1.5-2.0RE

Quant Time: Jun 04 08:53:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	526	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.66	114	60	50.00	ug/l	-0.14
63) Chlorobenzene-d5	9.70	117	263	50.00	ug/l	-0.23
72) 1,4-Dichlorobenzene-d4	12.71	152	285	50.00	ug/l	0.08
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	253	69.56	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	139.12%	
35) Dibromofluoromethane	4.25	113	60	132.34	ug/l	-0.08
Spiked Amount 50.000			Recovery	=	264.68%	
50) Toluene-d8	7.56	98	529	461.39	ug/l	-0.17
Spiked Amount 50.000			Recovery	=	922.78%	
62) 4-Bromofluorobenzene	11.25	95	448	1086.28	ug/l	-0.26
Spiked Amount 50.000			Recovery	=	2172.56%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.06	85	150	22.866	ug/l	71
3) Chloromethane	1.28	50	276	50.711	ug/l	95
4) Vinyl Chloride	1.18	62	280	51.771	ug/l	93
5) Bromomethane	1.36	94	568	184.150	ug/l	91
6) Chloroethane	1.34	64	361	178.522	ug/l	98
7) Trichlorofluoromethane	1.47	101	90	11.755	ug/l	97
8) Diethyl Ether	1.69	74	533	353.828	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	1.89	101	60	12.464	ug/l #	19
10) Methyl Iodide	2.01	142	280	29.010	ug/l #	36
11) Tert butyl alcohol	2.69	59	225	1021.123	ug/l #	70
12) 1,1-Dichloroethene	1.89	96	1338	306.102	ug/l #	6
13) Acrolein	2.02	56	560	6568.533	ug/l	90
14) Allyl chloride	2.21	41	797	235.029	ug/l #	28
15) Acrylonitrile	3.09	53	232	280.205	ug/l #	83
16) Acetone	2.48	43	1378	1655.253	ug/l	91
17) Carbon Disulfide	1.92	76	169	13.228	ug/l #	1
18) Methyl Acetate	2.36	43	479	329.257	ug/l	93
19) Methyl tert-butyl Ether	2.58	73	288	36.367	ug/l #	58
20) Methylene Chloride	2.38	84	573	143.002	ug/l #	9
21) trans-1,2-Dichloroethene	2.45	96	914	208.548	ug/l #	1
22) Diisopropyl ether	2.99	45	867	89.991	ug/l #	12
23) Vinyl Acetate	3.35	43	222	33.658	ug/l #	73
24) 1,1-Dichloroethane	3.06	63	413	57.414	ug/l #	88
25) 2-Butanone	4.53	43	1515	781.448	ug/l #	74
26) 2,2-Dichloropropane	3.81	77	1678	410.829	ug/l #	50
27) cis-1,2-Dichloroethene	3.65	96	165	22.397	ug/l	35
28) Bromochloromethane	3.84	49	99	25.301	ug/l	85
29) Tetrahydrofuran	4.29	42	1236	1666.888	ug/l #	70
30) Chloroform	4.04	83	348	34.326	ug/l	98
31) Cyclohexane	3.88	56	707	72.596	ug/l #	13
32) 1,1,1-Trichloroethane	4.30	97	334	56.584	ug/l #	58
36) 1,1-Dichloropropene	4.39	75	300	543.129	ug/l #	24
37) Ethyl Acetate	4.23	43	887	4200.892	ug/l #	71
38) Carbon Tetrachloride	4.06	117	287	768.813	ug/l #	1

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	5.51	83	169	245.833	ug/l #	22
40) Benzene	4.72	78	596	370.749	ug/l #	21
41) Methacrylonitrile	4.84	41	747	6363.928	ug/l #	64
42) 1,2-Dichloroethane	4.99	62	519	1697.495	ug/l	69
43) Isopropyl Acetate	6.97	43	1292	4632.062	ug/l #	38
44) Trichloroethene	5.57	130	72	158.699	ug/l	96
45) 1,2-Dichloropropane	6.27	63	98	242.929	ug/l #	1
46) Dibromomethane	6.12	93	213	904.352	ug/l #	40
47) Bromodichloromethane	6.46	83	109	227.241	ug/l #	23
48) Methyl methacrylate	6.71	41	474	3297.428	ug/l #	50
49) 1,4-Dioxane	6.71	88	481	253857.290	ug/l #	58
51) 4-Methyl-2-Pentanone	8.22	43	201	1009.360	ug/l #	32
52) Toluene	7.65	92	218	251.777	ug/l #	55
53) t-1,3-Dichloropropene	8.11	75	232	583.683	ug/l	96
54) cis-1,3-Dichloropropene	7.28	75	357	620.488	ug/l #	1
55) 1,1,2-Trichloroethane	8.44	97	96	371.128	ug/l #	13
56) Ethyl methacrylate	8.57	69	212	763.837	ug/l #	28
57) 1,3-Dichloropropane	8.78	76	319	755.186	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.32	63	84	865.986	ug/l #	51
59) 2-Hexanone	9.31	43	416	2930.860	ug/l	87
60) Dibromochloromethane	8.63	129	203	633.881	ug/l #	12
61) 1,2-Dibromoethane	8.93	107	63	234.511	ug/l	100
64) Tetrachloroethene	8.32	164	95	47.007	ug/l #	53
65) Chlorobenzene	9.95	112	86	16.933	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.11	131	199	98.382	ug/l	63
67) Ethyl Benzene	10.07	91	759	87.085	ug/l #	56
68) m/p-Xylenes	10.22	106	75	22.488	ug/l	79
69) o-Xylene	10.86	106	143	42.348	ug/l	46
70) Styrene	10.93	104	382	76.751	ug/l #	1
71) Bromoform	10.90	173	79	81.415	ug/l #	28
73) Isopropylbenzene	11.23	105	60	3.017	ug/l #	44
74) N-amyl acetate	11.45	43	823	146.839	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.74	83	182	42.857	ug/l #	65
76) 1,2,3-Trichloropropane	11.89	75	115	40.853	ug/l #	13
77) Bromobenzene	11.61	156	99	19.814	ug/l #	55
78) n-propylbenzene	11.70	91	151	6.289	ug/l #	49
79) 2-Chlorotoluene	11.85	91	529	38.503	ug/l #	60
80) 1,3,5-Trimethylbenzene	11.90	105	179	11.007	ug/l #	22
81) trans-1,4-Dichloro-2-buten	11.97	75	80	67.127	ug/l #	28
82) 4-Chlorotoluene	12.03	91	597	44.216	ug/l #	37
83) tert-Butylbenzene	12.22	119	130	8.067	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.26	105	307	19.910	ug/l #	24
85) sec-Butylbenzene	12.41	105	336	15.824	ug/l #	55
86) p-Isopropyltoluene	12.58	119	186	10.524	ug/l #	48
87) 1,3-Dichlorobenzene	12.55	146	90	10.213	ug/l #	23
88) 1,4-Dichlorobenzene	12.69	146	77	9.363	ug/l #	63
89) n-Butylbenzene	12.89	91	176	9.899	ug/l #	24
90) Hexachloroethane	12.98	117	86	19.951	ug/l #	10
91) 1,2-Dichlorobenzene	13.06	146	93	12.007	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.68	75	201	434.437	ug/l #	1

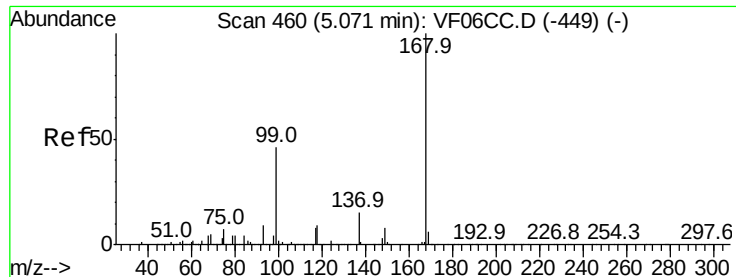
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	80	15.043	ug/l #	10
94) Hexachlorobutadiene	14.21	225	60	16.309	ug/l #	19
95) Naphthalene	14.50	128	64	7.346	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.57	180	76	15.656	ug/l #	81

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.03 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

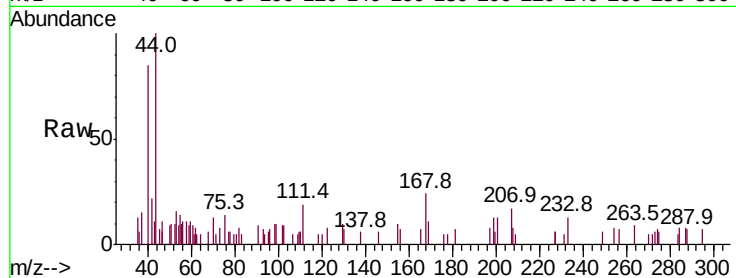
B-09-1.5-2.0RE

Tot Ion:168 Resp: 526

Ion Ratio Lower Upper

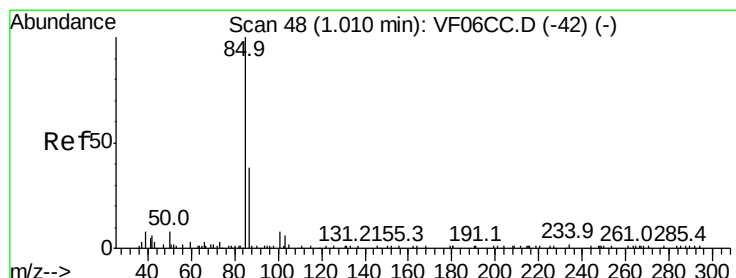
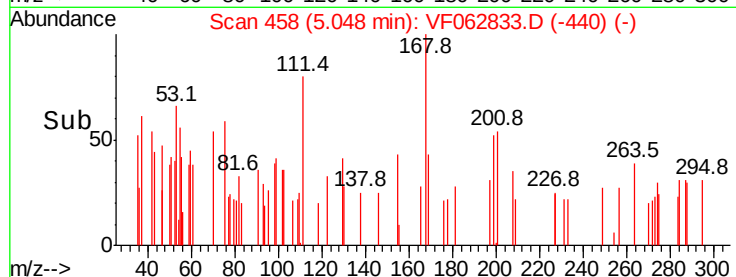
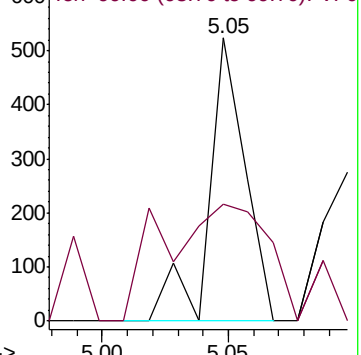
168 100

99 41.3 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 22.866 ug/l

RT: 1.06 min Scan# 53

Delta R.T. 0.04 min

Lab File: VF062833.D

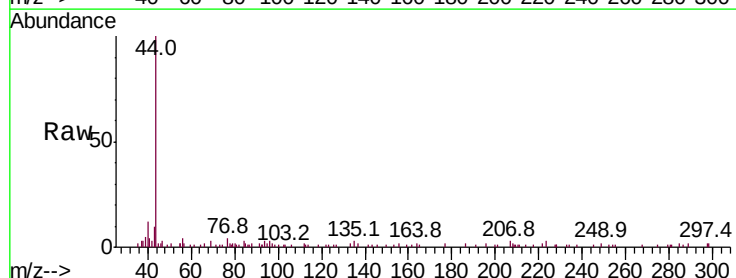
Acq: 3 Jun 2019 17:23

Tgt Ion: 85 Resp: 150

Ion Ratio Lower Upper

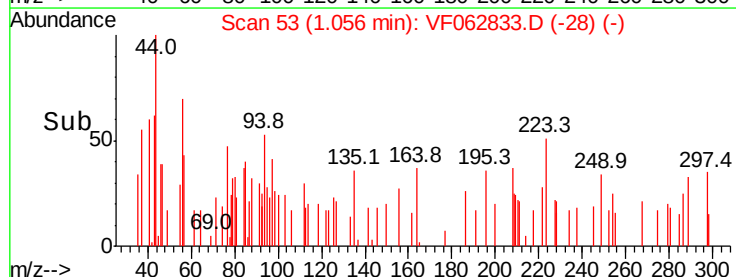
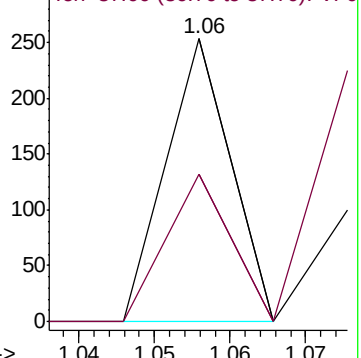
85 100

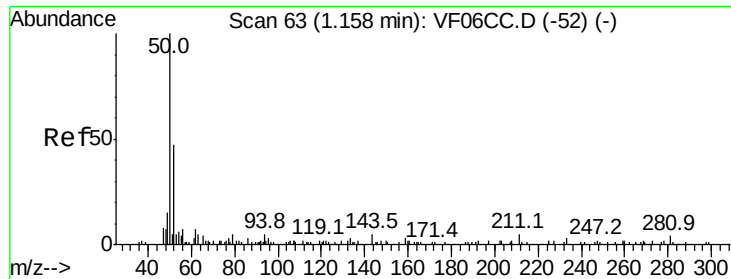
87 52.2 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 50.711 ug/l

RT: 1.28 min Scan# 76

Delta R.T. 0.13 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

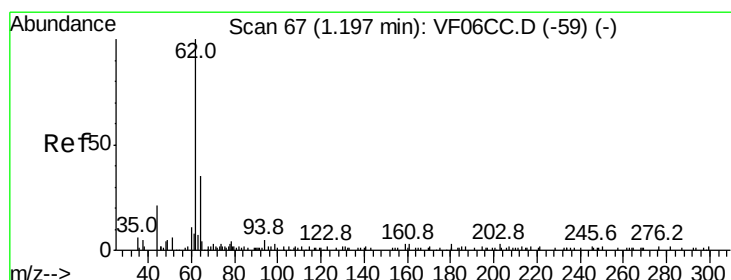
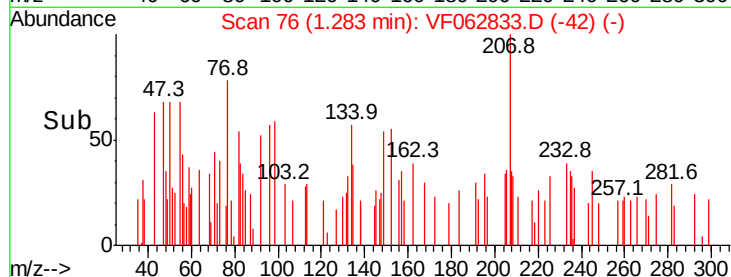
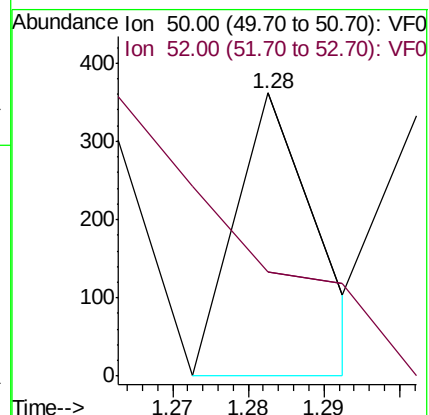
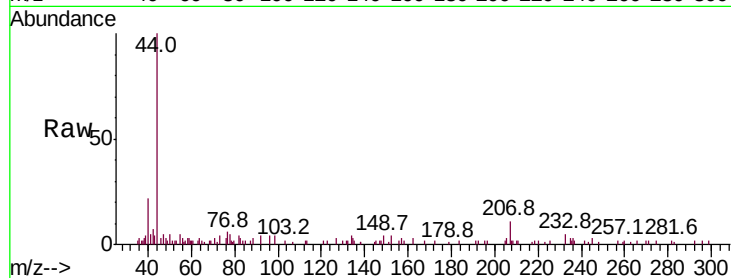
B-09-1.5-2.0RE

Tot Ion: 50 Resp: 276

Ion Ratio Lower Upper

50 100

52 36.7 27.0 40.4



#4

Vinyl Chloride

Concen: 51.771 ug/l

RT: 1.18 min Scan# 66

Delta R.T. -0.02 min

Lab File: VF062833.D

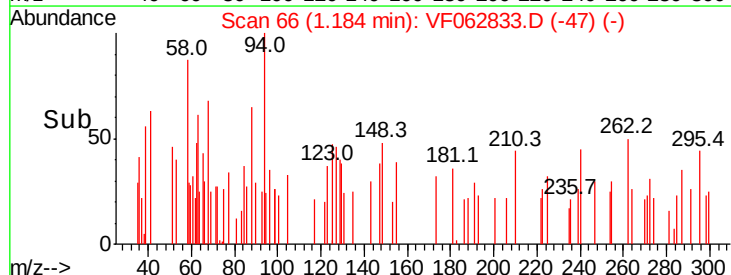
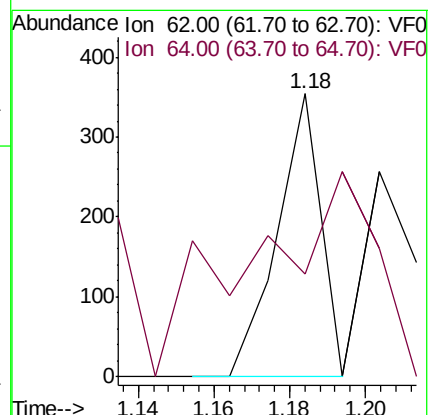
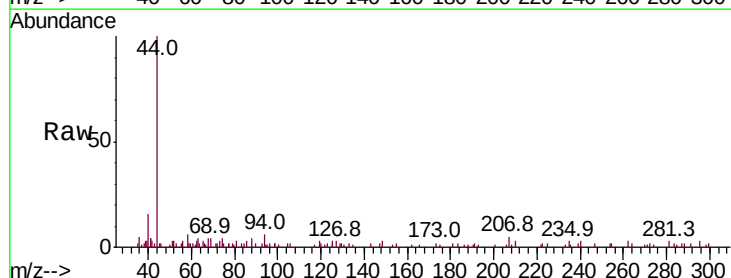
Acq: 3 Jun 2019 17:23

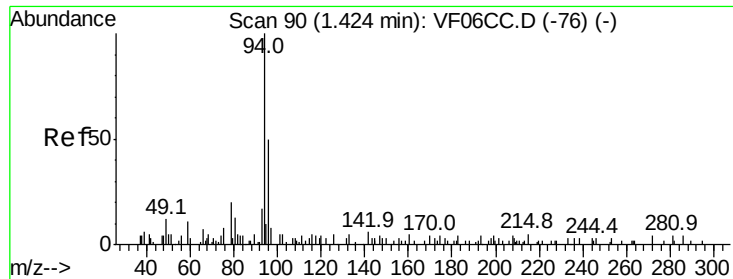
Tgt Ion: 62 Resp: 280

Ion Ratio Lower Upper

62 100

64 36.4 26.2 39.2





#5

Bromomethane

Concen: 184.150 ug/l

RT: 1.36 min Scan# 84

Delta R.T. -0.04 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

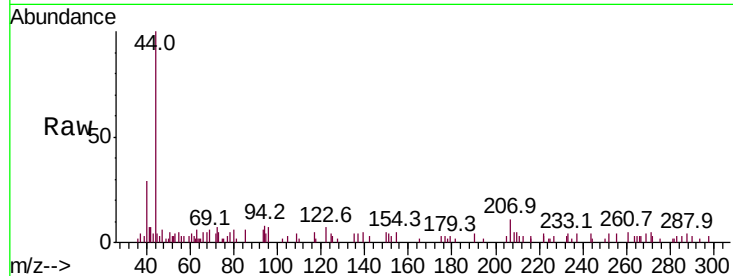
B-09-1.5-2.0RE

Tot Ion: 94 Resp: 568

Ion Ratio Lower Upper

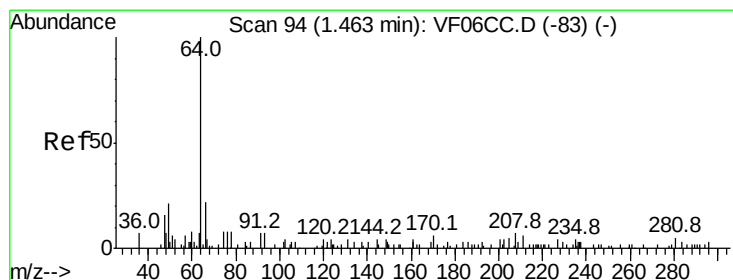
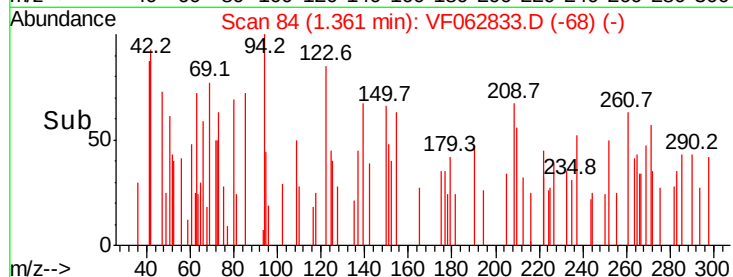
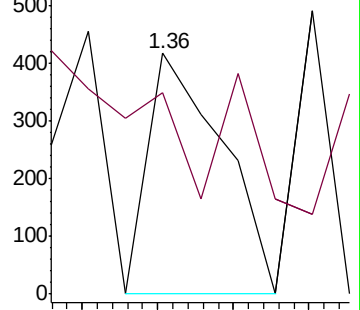
94 100

96 83.5 73.8 110.6



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 178.522 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.12 min

Lab File: VF062833.D

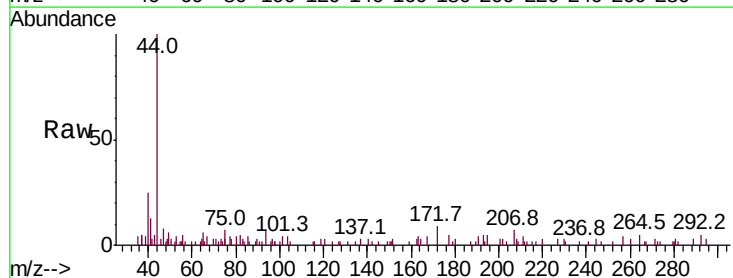
Acq: 3 Jun 2019 17:23

Tgt Ion: 64 Resp: 361

Ion Ratio Lower Upper

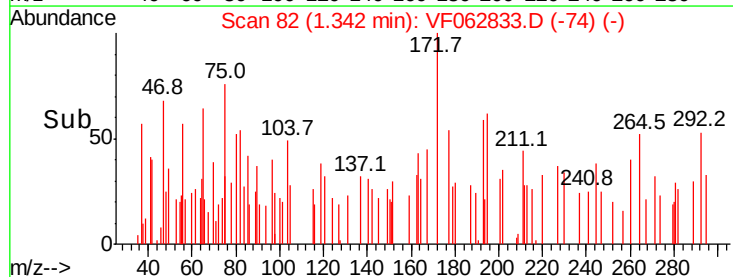
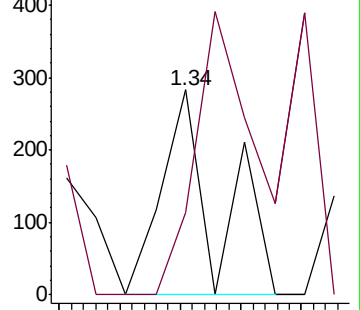
64 100

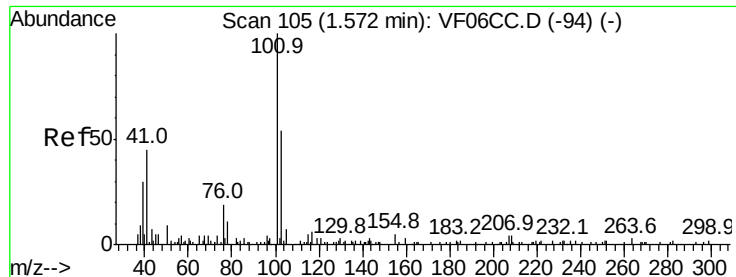
66 39.9 31.0 46.4



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



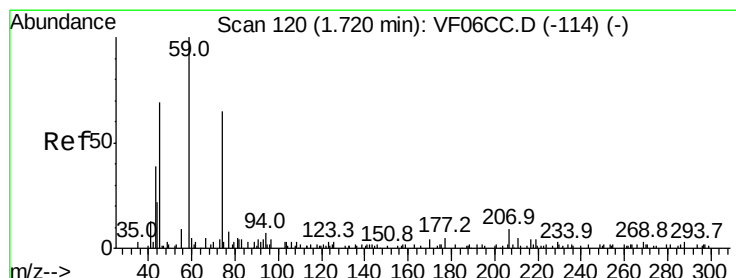
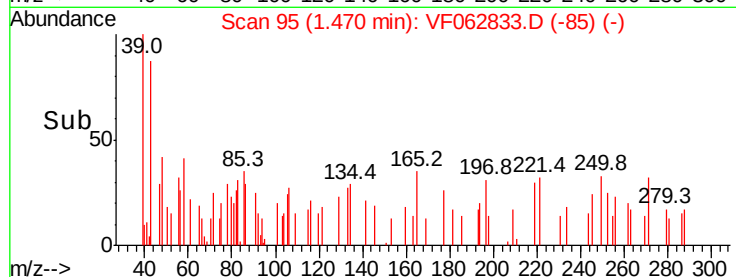
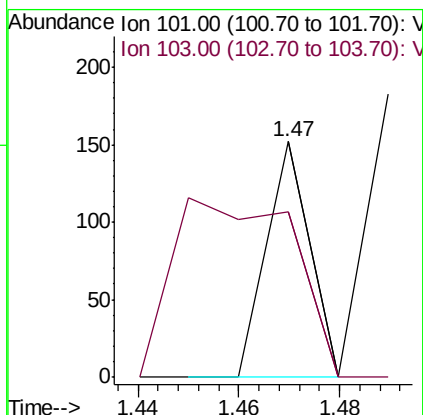
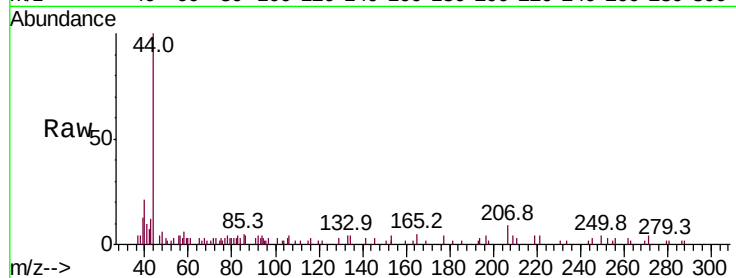


#7

Trichlorofluoromethane
Concen: 11.755 ug/l
RT: 1.47 min Scan# 95
Delta R.T. -0.10 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

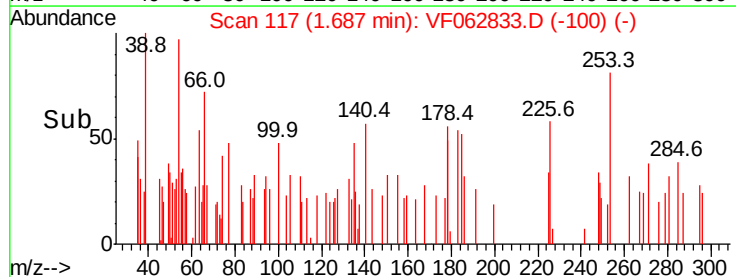
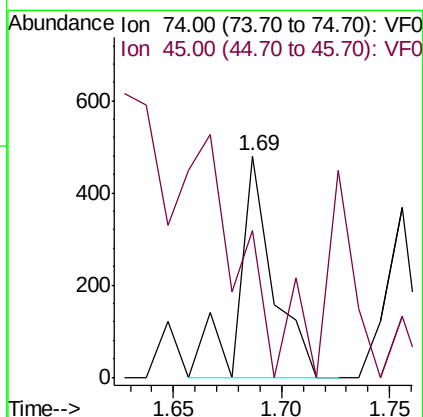
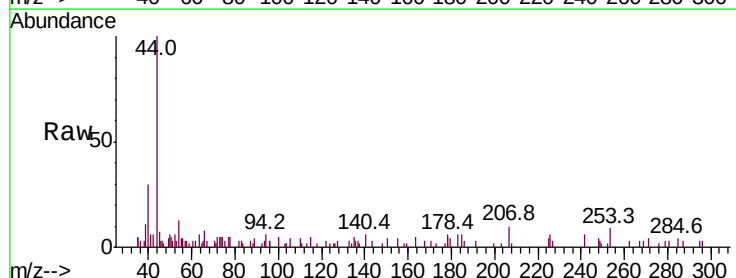
Tot Ion:101 Resp: 90
Ion Ratio Lower Upper
101 100
103 70.4 54.6 82.0

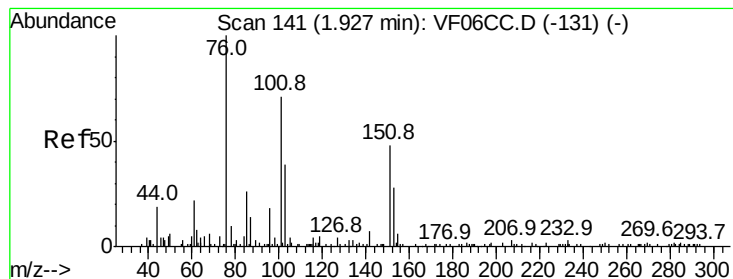


#8

Diethyl Ether
Concen: 353.828 ug/l
RT: 1.69 min Scan# 117
Delta R.T. -0.03 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion: 74 Resp: 533
Ion Ratio Lower Upper
74 100
45 66.2 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.464 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.04 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

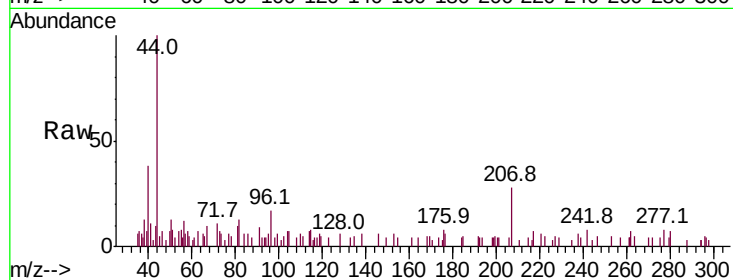
Tot Ion:101 Resp: 60

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

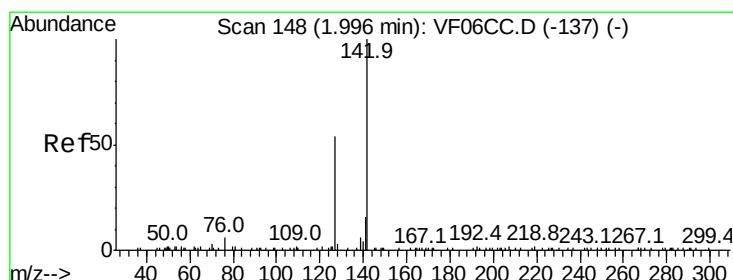
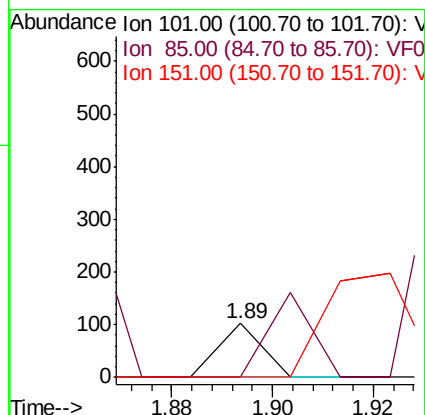
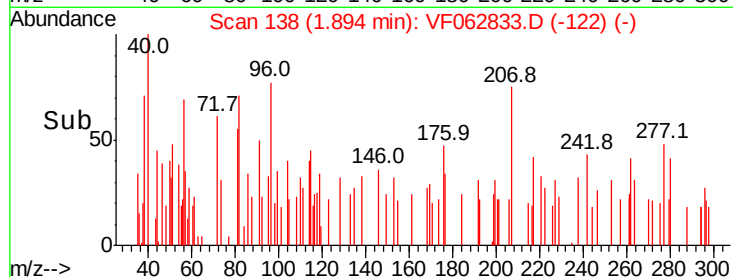
151 0.0 60.3 90.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 29.010 ug/l

RT: 2.01 min Scan# 150

Delta R.T. -0.01 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

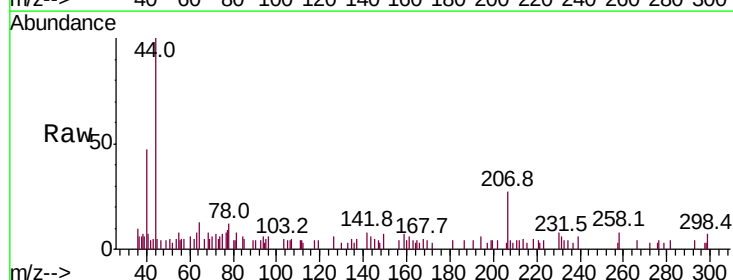
Tgt Ion:142 Resp: 280

Ion Ratio Lower Upper

142 100

127 0.0 39.4 59.2#

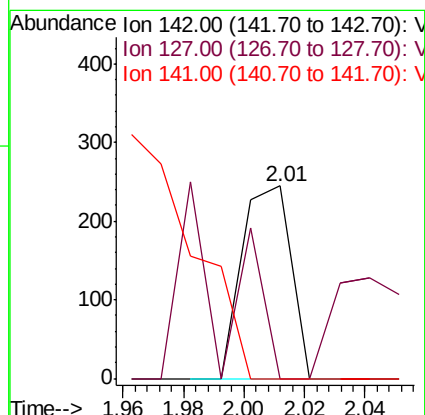
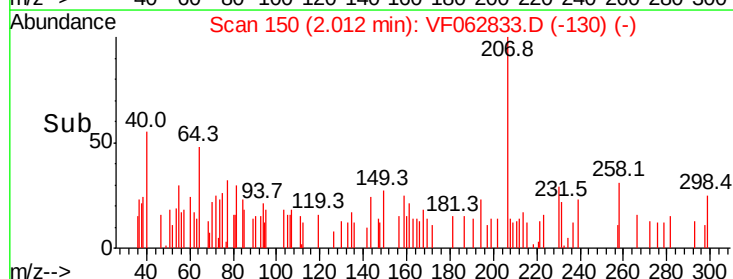
141 0.0 10.6 15.8#

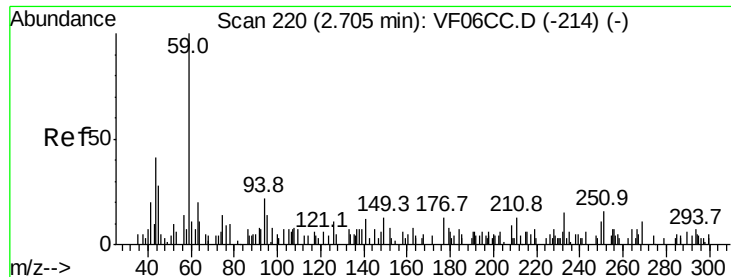


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



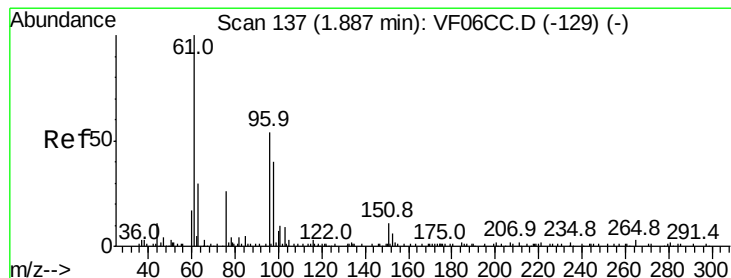
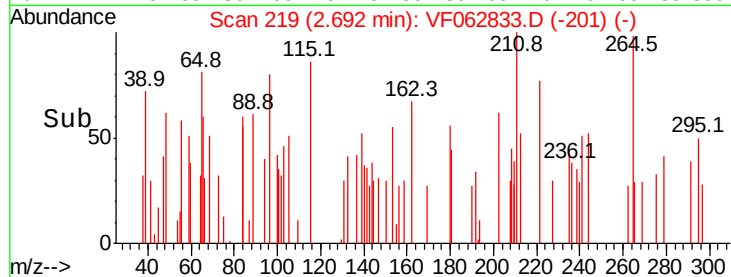
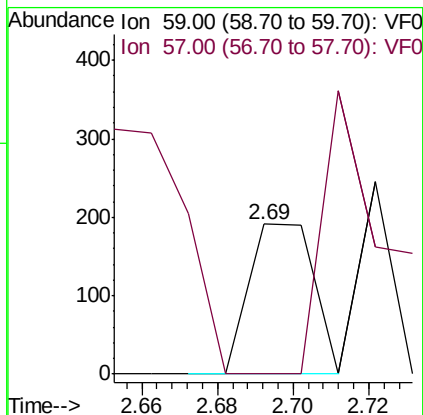
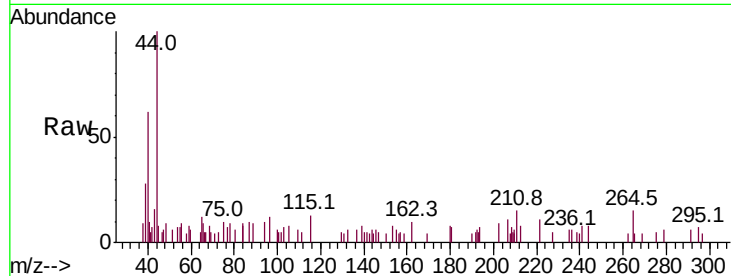


#11

Tert butyl alcohol
 Concen: 1021.123 ug/l
 RT: 2.69 min Scan# 219
 Delta R.T. -0.03 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

Instrument :
 MSVOA_F
 ClientSampled :
 B-09-1.5-2.0RE

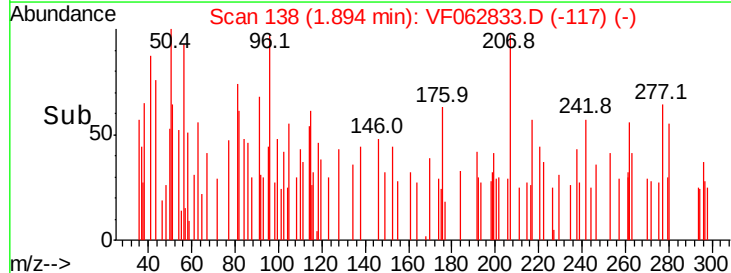
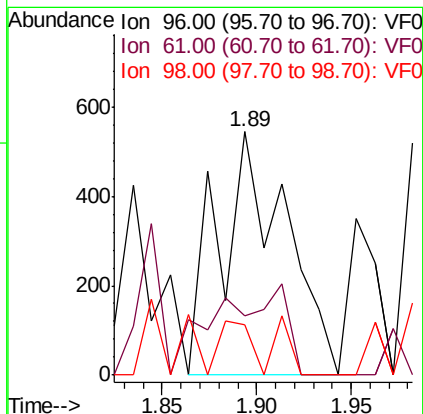
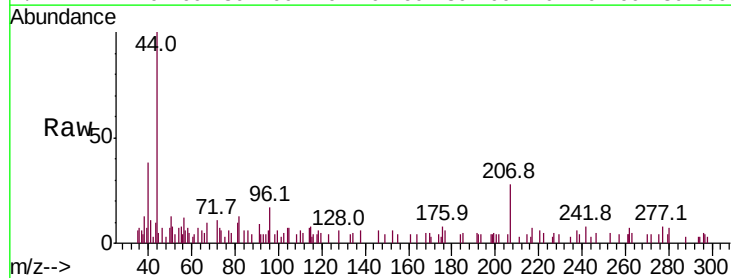
Tot Ion: 59 Resp: 225
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.2 13.8#

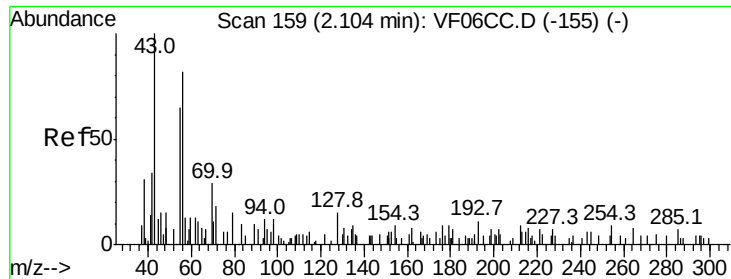


#12

1,1-Dichloroethene
 Concen: 306.102 ug/l
 RT: 1.89 min Scan# 138
 Delta R.T. 0.00 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

Tgt Ion: 96 Resp: 1338
 Ion Ratio Lower Upper
 96 100
 61 24.3 139.4 209.2#
 98 21.0 50.3 75.5#

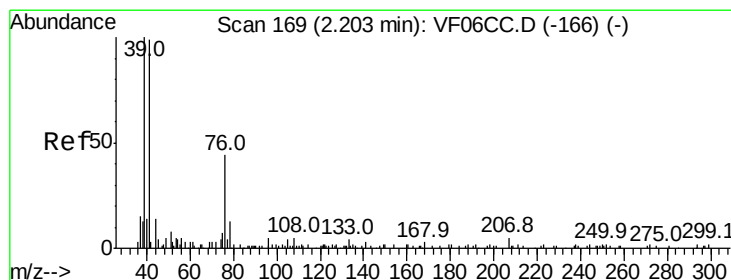
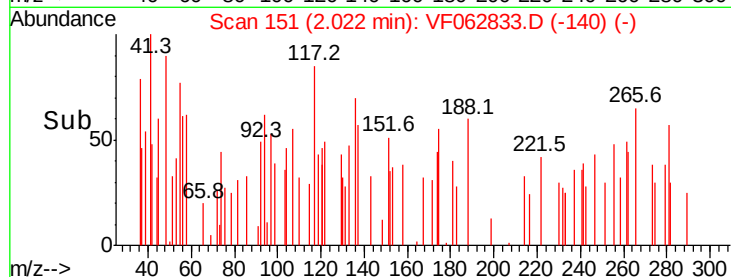
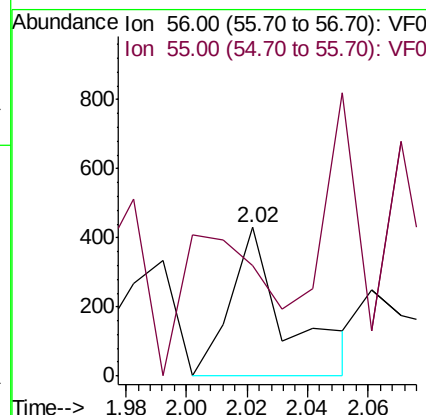
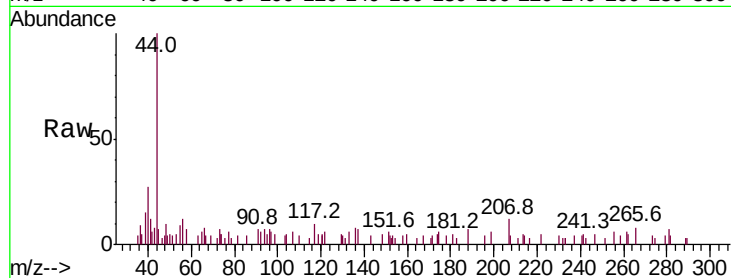




#13
Acrolein
Concen: 6568.533 ug/l
RT: 2.02 min Scan# 151
Delta R.T. -0.09 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

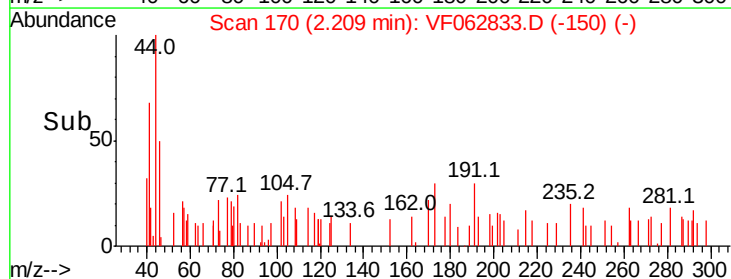
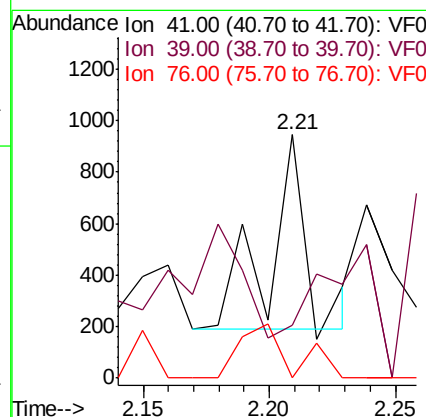
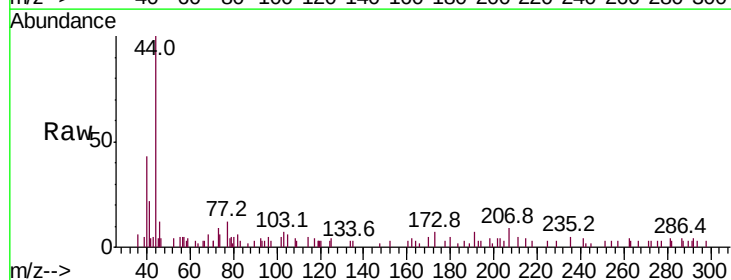
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

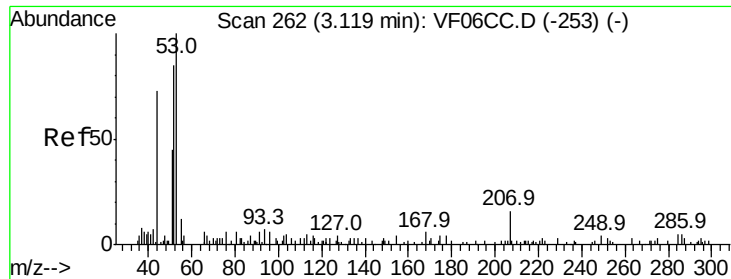
Tot Ion: 56 Resp: 560
Ion Ratio Lower Upper
56 100
55 74.4 52.9 79.3



#14
Allyl chloride
Concen: 235.029 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion: 41 Resp: 797
Ion Ratio Lower Upper
41 100
39 21.6 71.9 107.9#
76 0.0 39.6 59.4#





#15

Acrylonitrile

Concen: 280.205 ug/l

RT: 3.09 min Scan# 259

Delta R.T. -0.03 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

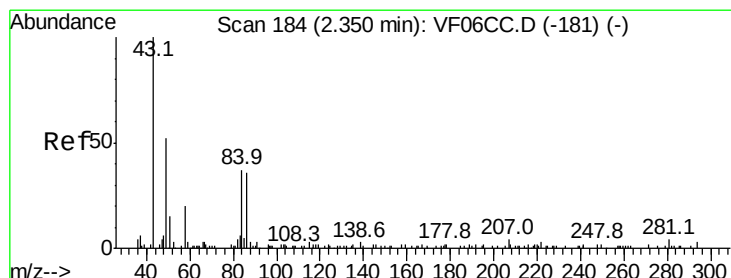
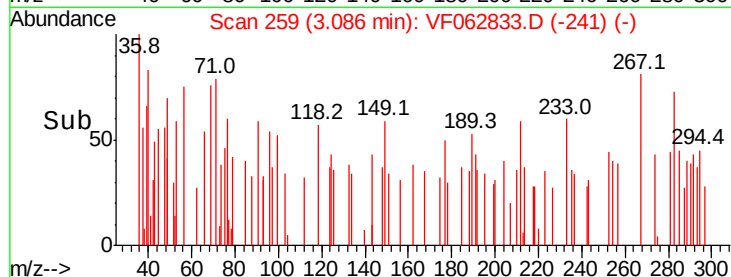
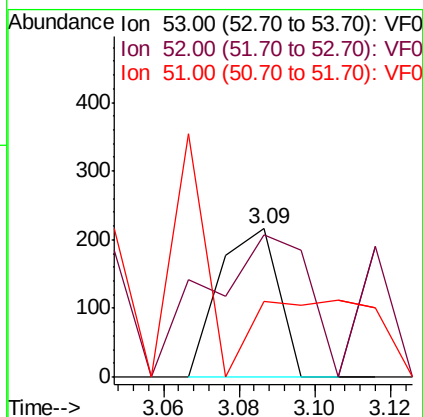
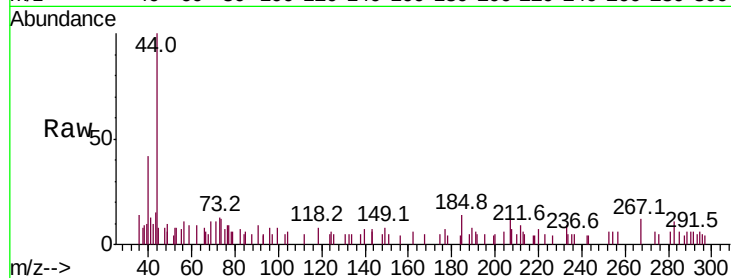
Tot Ion: 53 Resp: 232

Ion Ratio Lower Upper

53 100

52 95.8 68.1 102.1

51 51.4 27.7 41.5#



#16

Acetone

Concen: 1655.253 ug/l

RT: 2.48 min Scan# 197

Delta R.T. 0.11 min

Lab File: VF062833.D

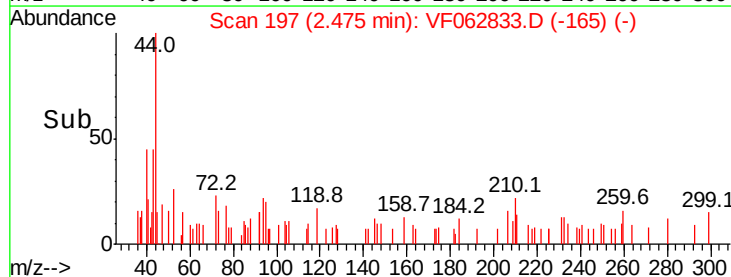
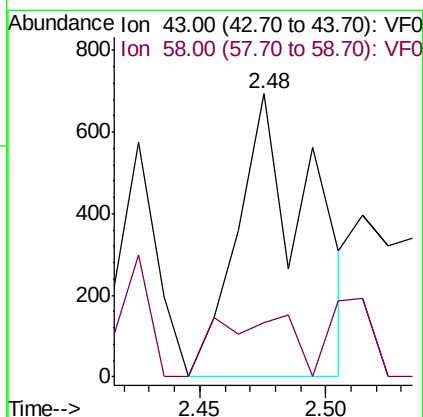
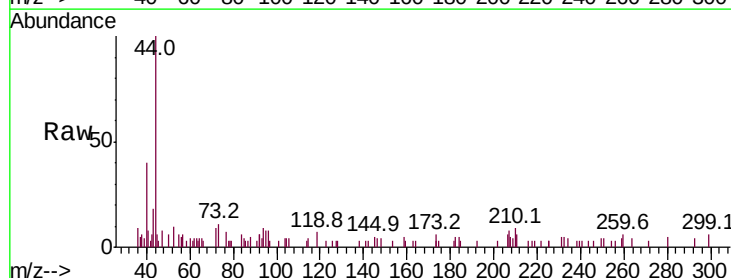
Acq: 3 Jun 2019 17:23

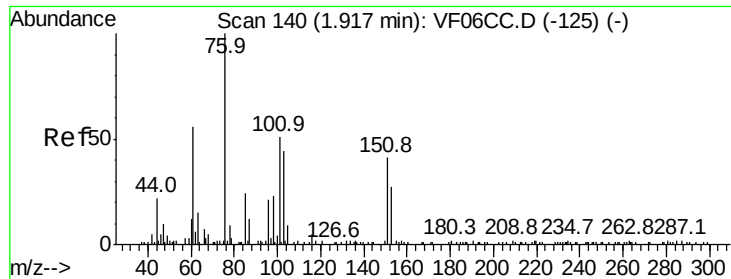
Tgt Ion: 43 Resp: 1378

Ion Ratio Lower Upper

43 100

58 19.0 19.0 28.4





#17

Carbon Disulfide

Concen: 13.228 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

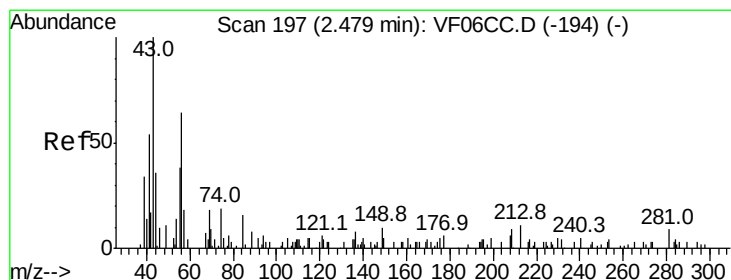
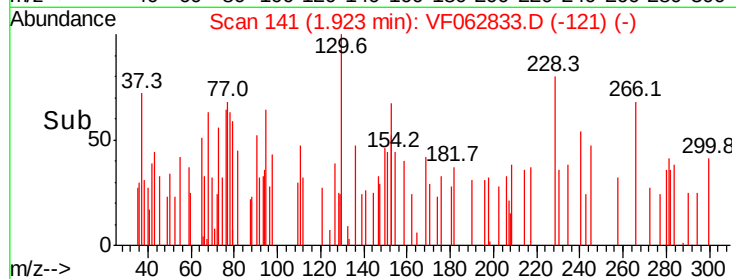
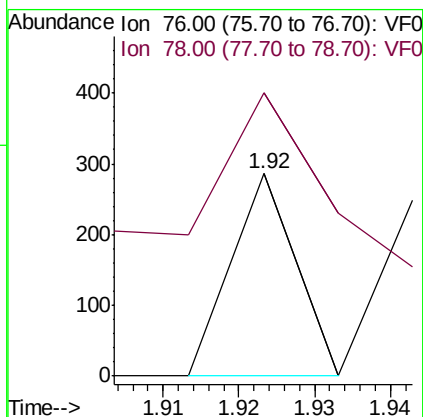
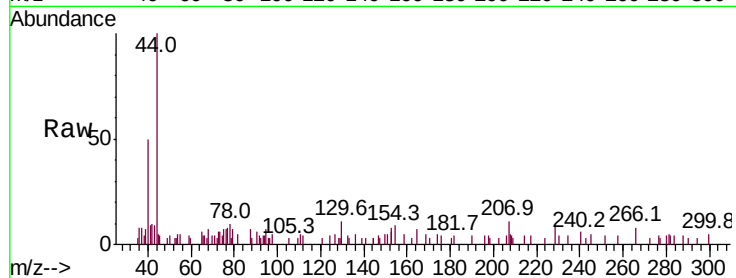
B-09-1.5-2.0RE

Tot Ion: 76 Resp: 169

Ion Ratio Lower Upper

76 100

78 139.9 9.4 14.2#



#18

Methyl Acetate

Concen: 329.257 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.12 min

Lab File: VF062833.D

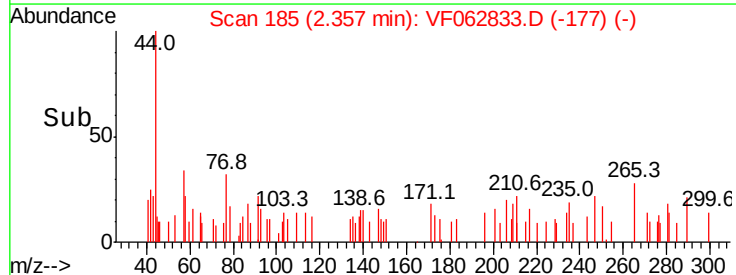
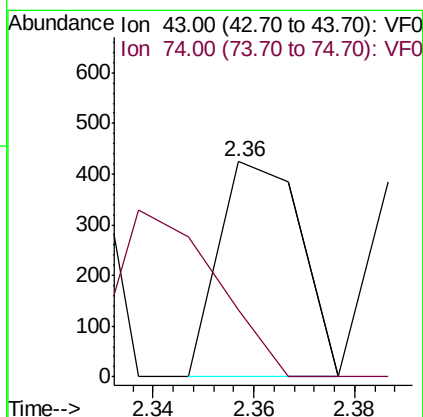
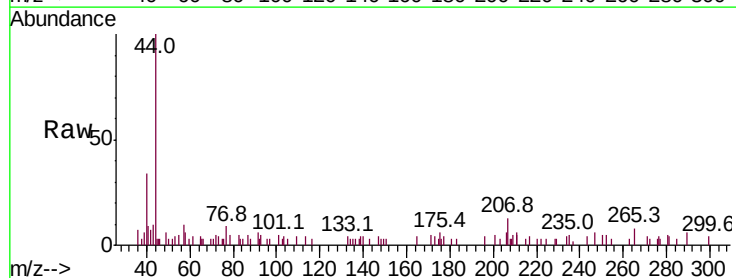
Acq: 3 Jun 2019 17:23

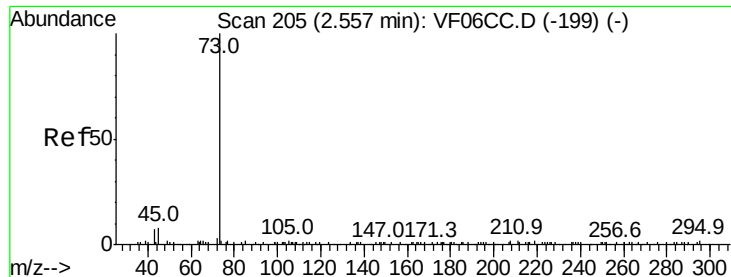
Tgt Ion: 43 Resp: 479

Ion Ratio Lower Upper

43 100

74 31.3 22.1 33.1





#19

Methyl tert-butyl Ether

Concen: 36.367 ug/l

RT: 2.58 min Scan# 208

Delta R.T. 0.02 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

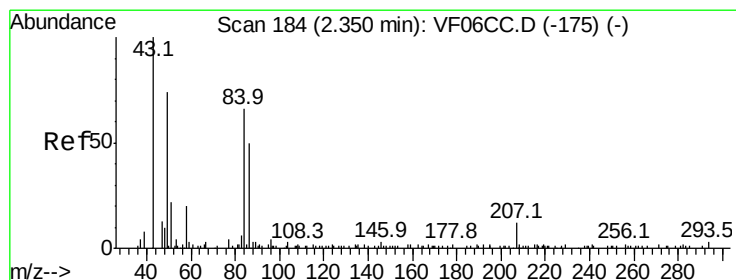
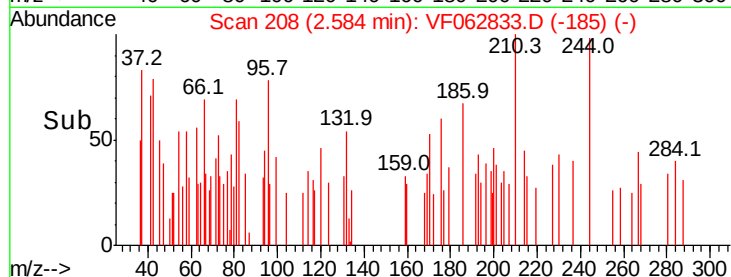
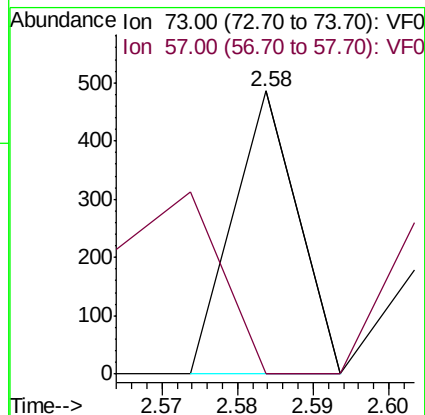
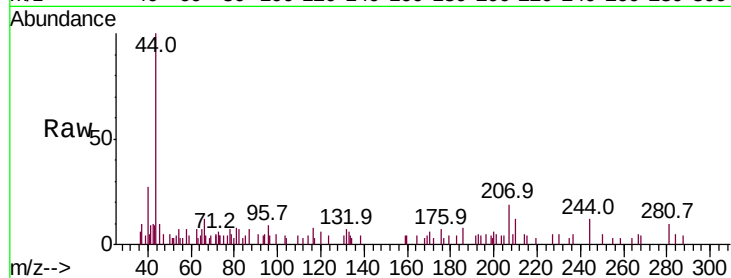
B-09-1.5-2.0RE

Tot Ion: 73 Resp: 288

Ion Ratio Lower Upper

73 100

57 0.0 15.1 22.7#



#20

Methylene Chloride

Concen: 143.002 ug/l

RT: 2.38 min Scan# 187

Delta R.T. 0.01 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Tgt Ion: 84 Resp: 573

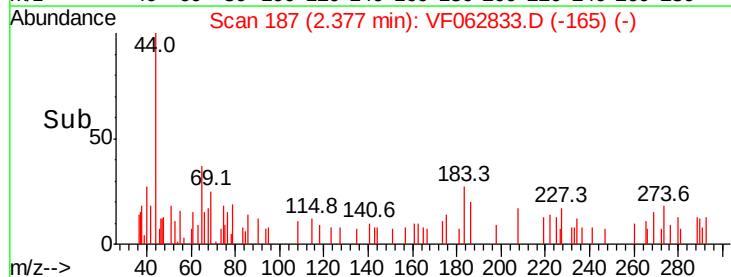
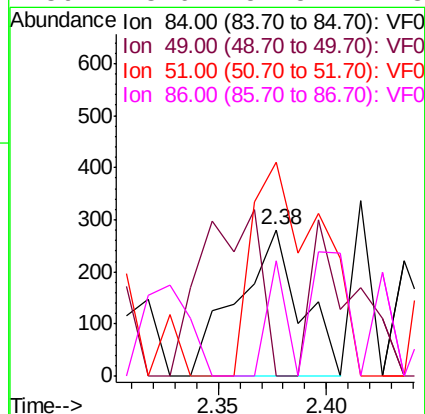
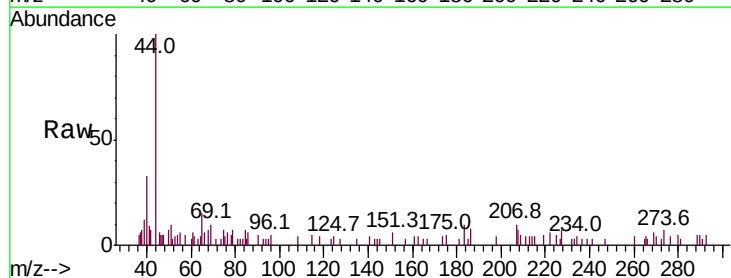
Ion Ratio Lower Upper

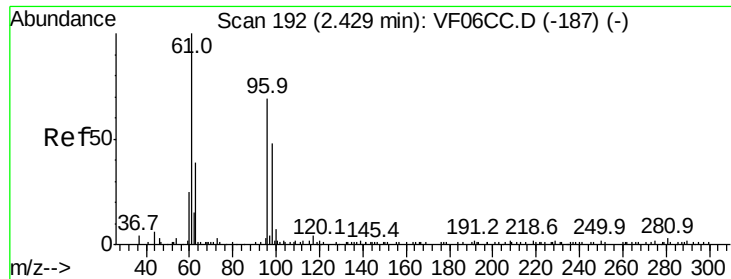
84 100

49 0.0 82.6 123.8#

51 145.9 25.0 37.4#

86 78.6 51.5 77.3#





#21

trans-1,2-Dichloroethene

Concen: 208.548 ug/l

RT: 2.45 min Scan# 194

Delta R.T. 0.00 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

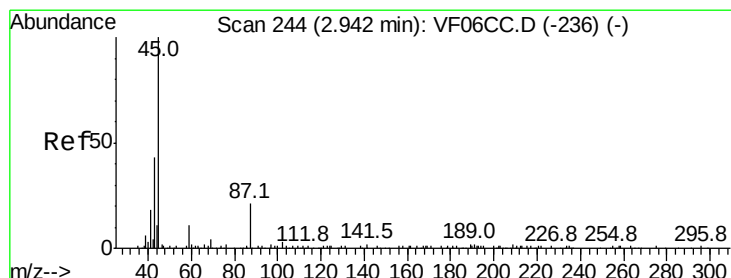
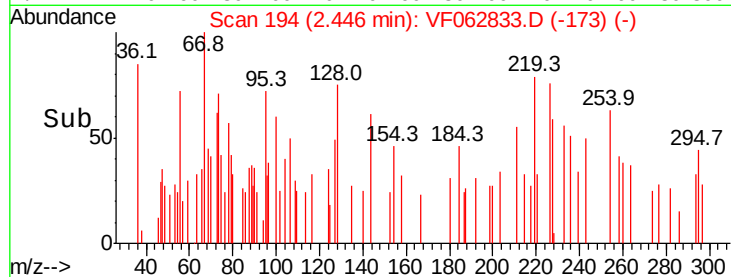
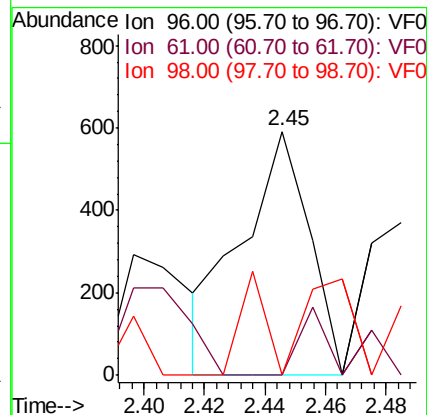
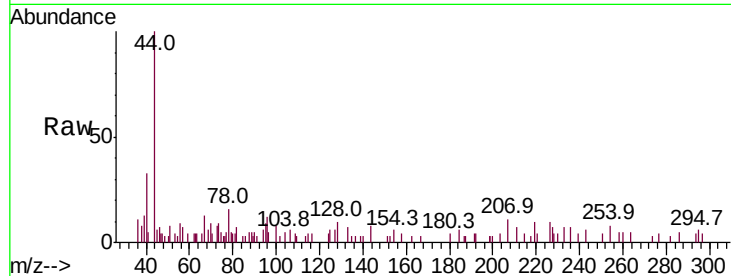
Tot Ion: 96 Resp: 914

Ion Ratio Lower Upper

96 100

61 0.0 105.0 157.6#

98 0.0 51.1 76.7#



#22

Diisopropyl ether

Concen: 89.991 ug/l

RT: 2.99 min Scan# 249

Delta R.T. 0.03 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Tgt Ion: 45 Resp: 867

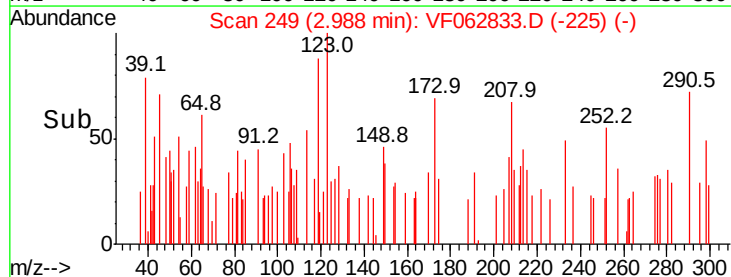
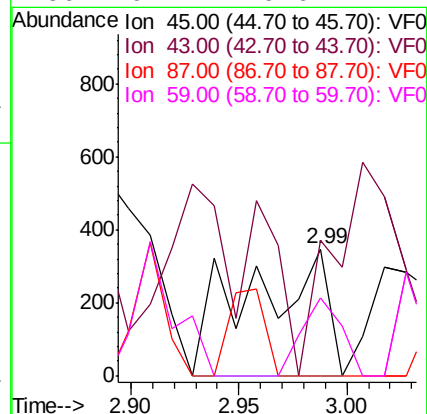
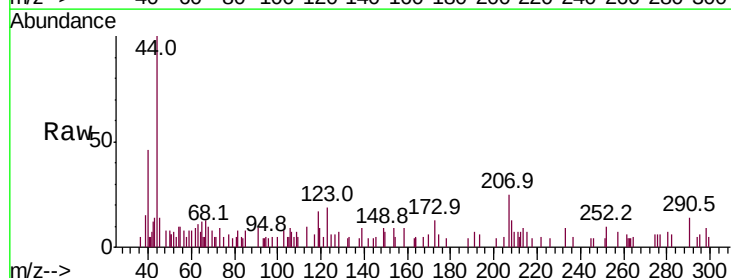
Ion Ratio Lower Upper

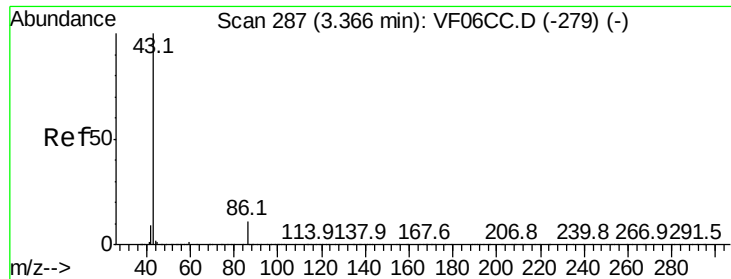
45 100

43 106.6 34.3 51.5#

87 0.0 19.0 28.4#

59 61.4 9.6 14.4#





#23

Vinyl Acetate

Concen: 33.658 ug/l

RT: 3.35 min Scan# 286

Delta R.T. -0.02 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

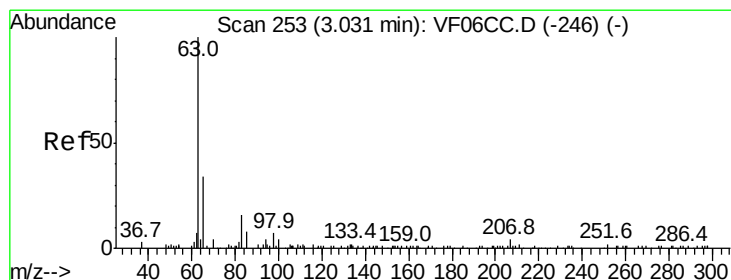
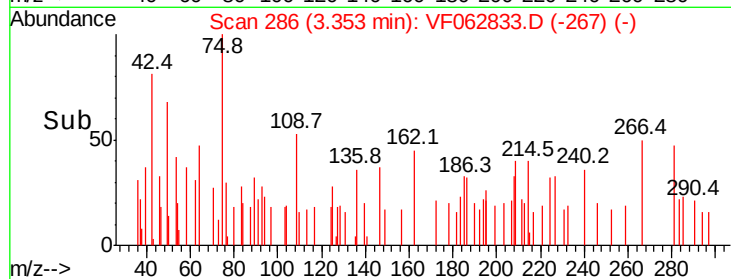
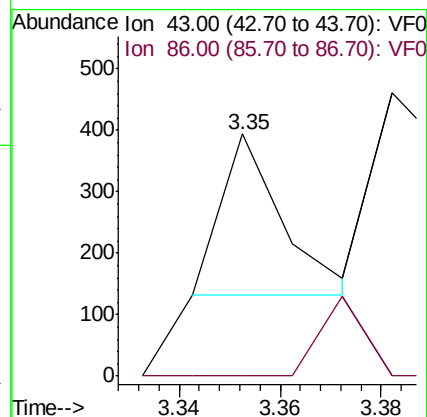
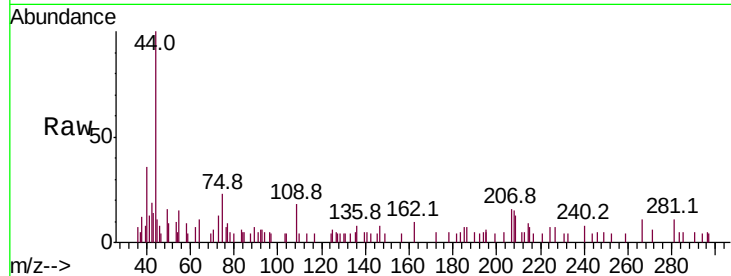
B-09-1.5-2.0RE

Tot Ion: 43 Resp: 222

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 57.414 ug/l

RT: 3.06 min Scan# 256

Delta R.T. 0.02 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

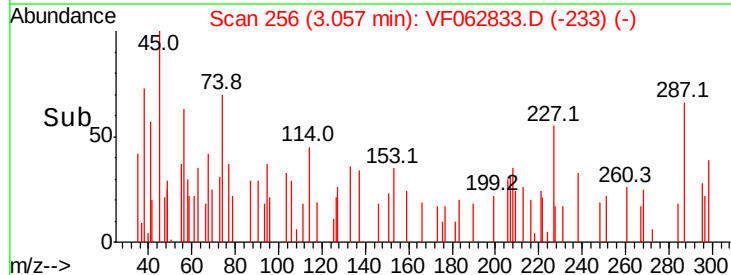
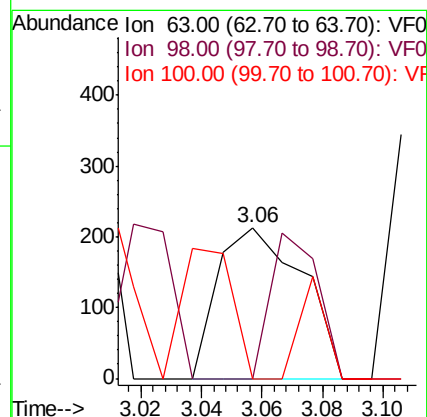
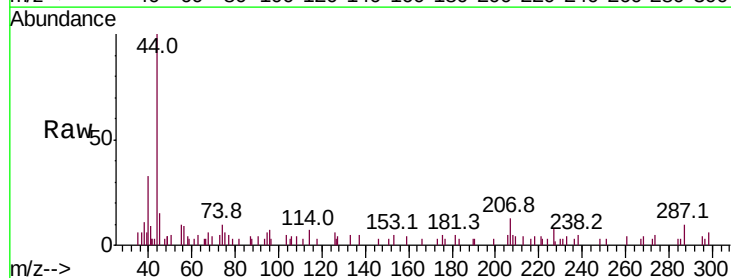
Tgt Ion: 63 Resp: 413

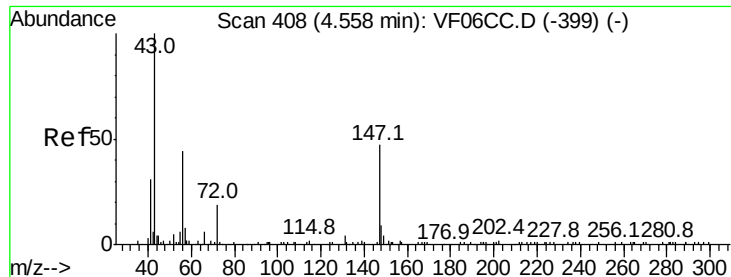
Ion Ratio Lower Upper

63 100

98 0.0 2.4 7.1#

100 0.0 1.5 4.5#

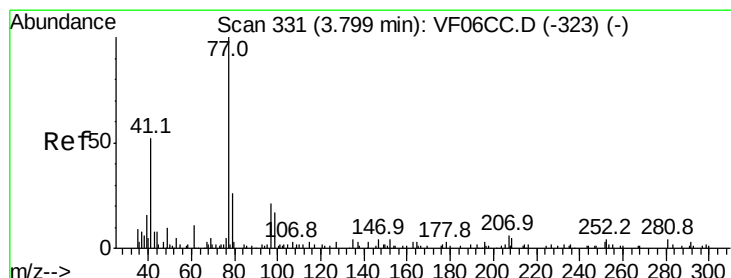
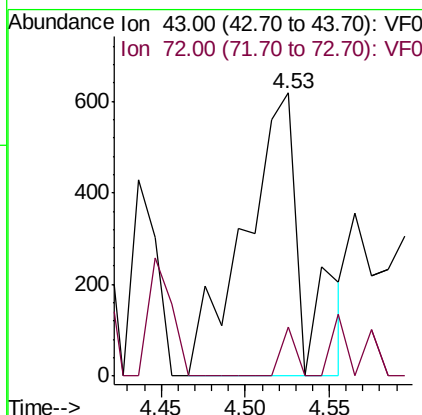
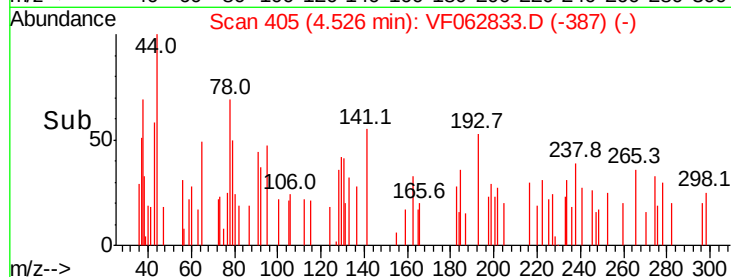
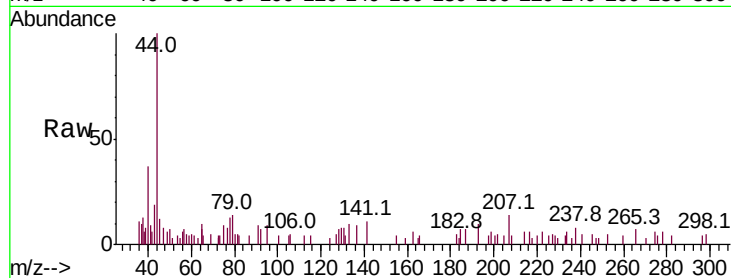




#25
2-Butanone
Concen: 781.448 ug/l
RT: 4.53 min Scan# 405
Delta R.T. -0.03 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

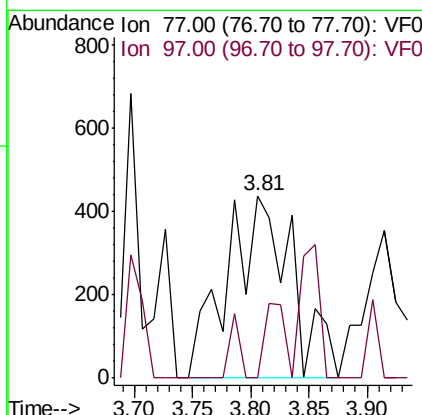
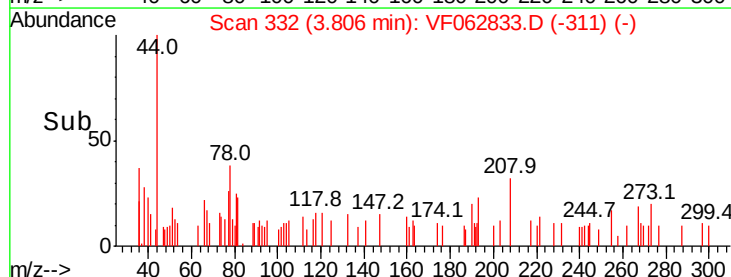
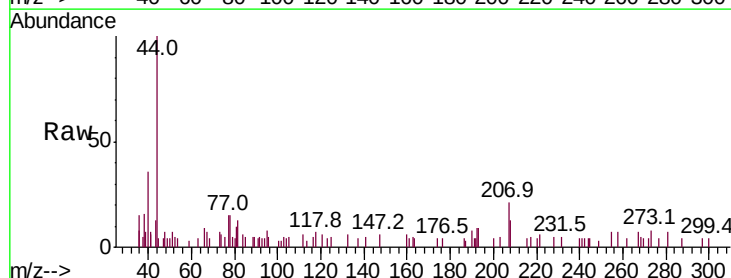
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

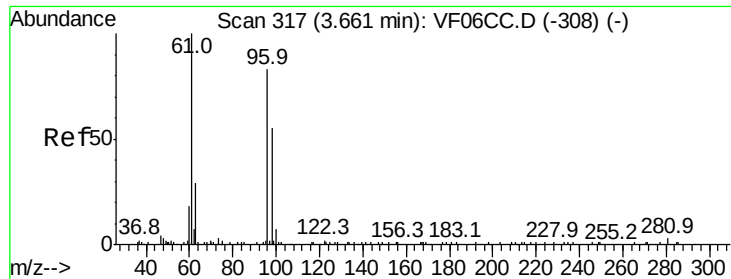
Tot Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
72 40.3 21.4 32.0#



#26
2,2-Dichloropropane
Concen: 410.829 ug/l
RT: 3.81 min Scan# 332
Delta R.T. 0.00 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion: 77 Resp: 1678
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



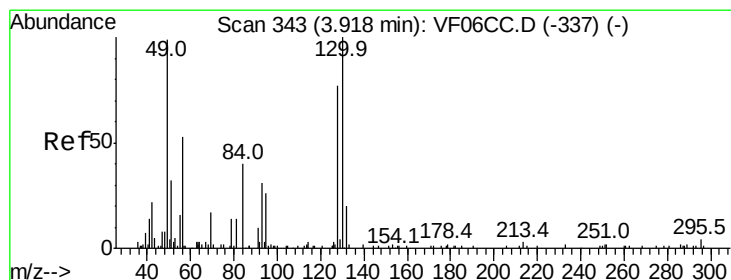
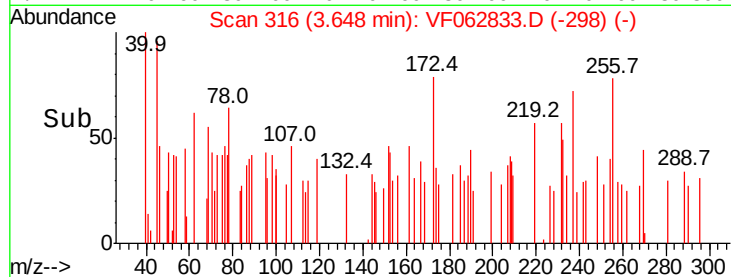
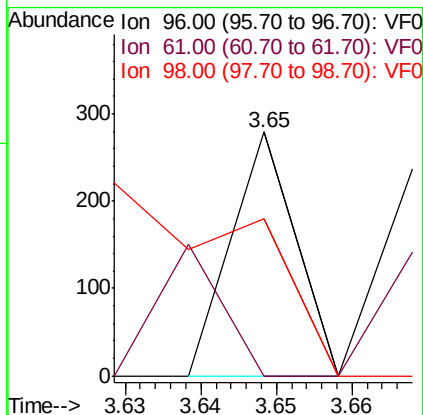
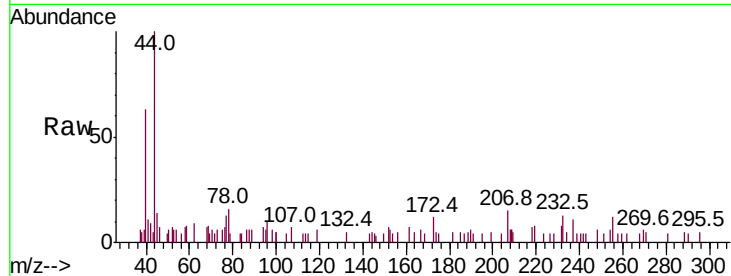


#27

cis-1,2-Dichloroethene
Concen: 22.397 ug/l
RT: 3.65 min Scan# 316
Delta R.T. -0.03 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

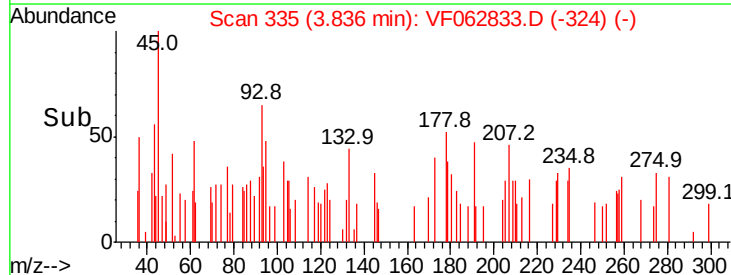
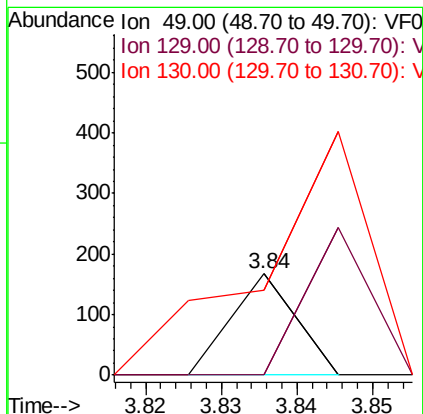
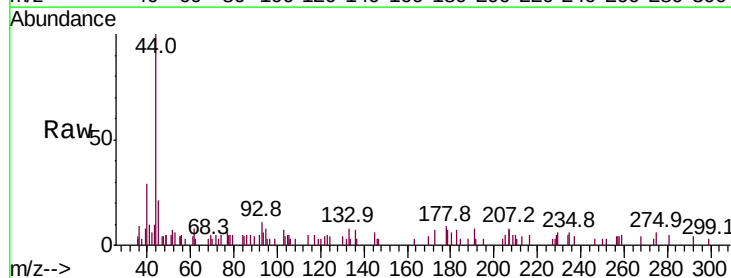
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	213.8
98	64.5	0.0	127.0

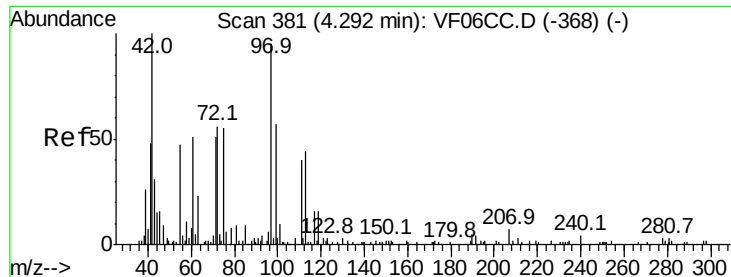


#28

Bromochloromethane
Concen: 25.301 ug/l
RT: 3.84 min Scan# 335
Delta R.T. -0.09 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	83.8	79.2	118.8





#29

Tetrahydrofuran

Concen: 1666.888 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

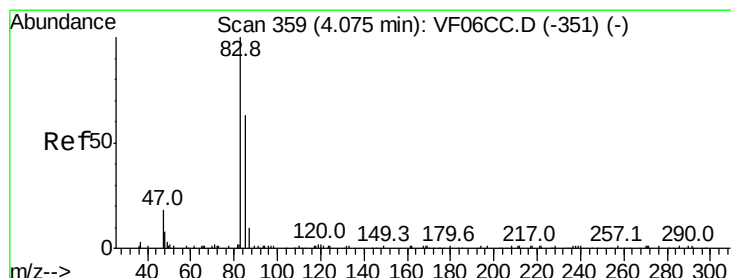
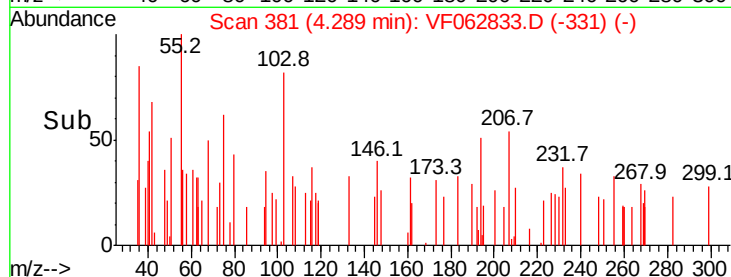
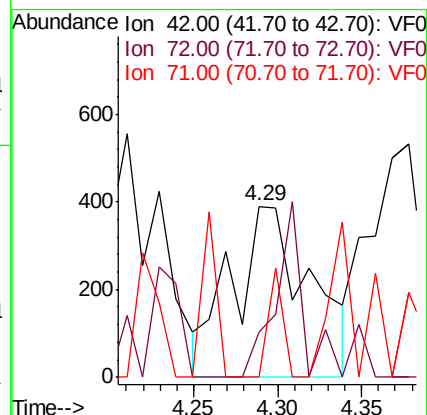
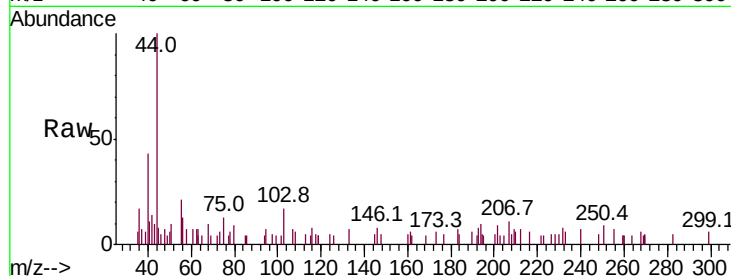
Tot Ion: 42 Resp: 1236

Ion Ratio Lower Upper

42 100

72 42.0 39.0 58.6

71 11.9 36.9 55.3#



#30

Chloroform

Concen: 34.326 ug/l

RT: 4.04 min Scan# 356

Delta R.T. -0.03 min

Lab File: VF062833.D

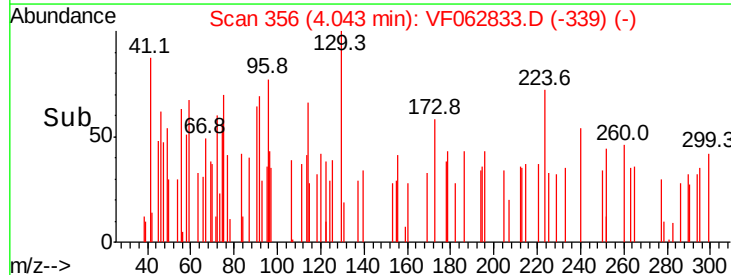
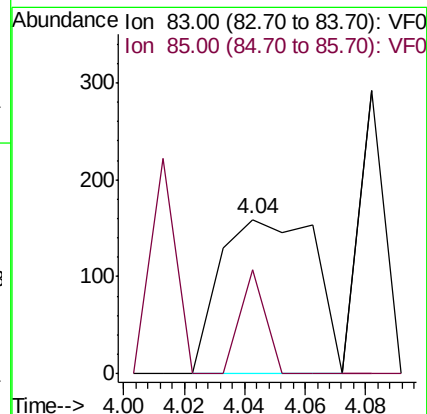
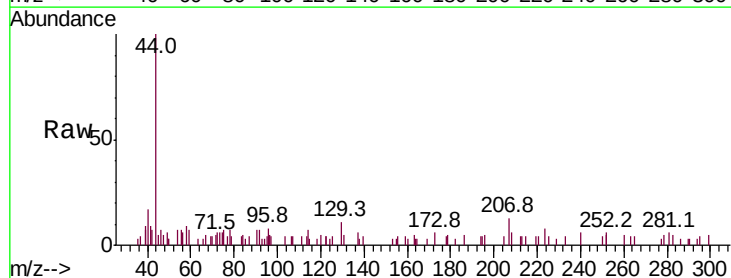
Acq: 3 Jun 2019 17:23

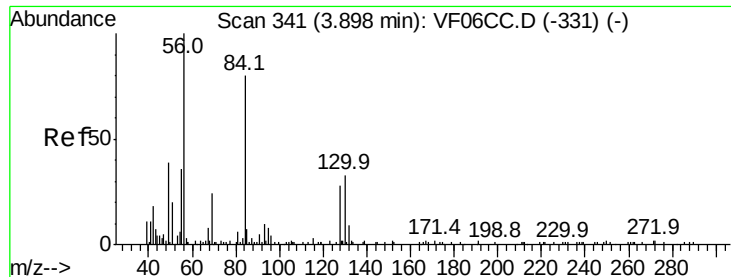
Tgt Ion: 83 Resp: 348

Ion Ratio Lower Upper

83 100

85 67.3 55.0 82.6





#31

Cyclohexane

Concen: 72.596 ug/l

RT: 3.88 min Scan# 340

Delta R.T. -0.02 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

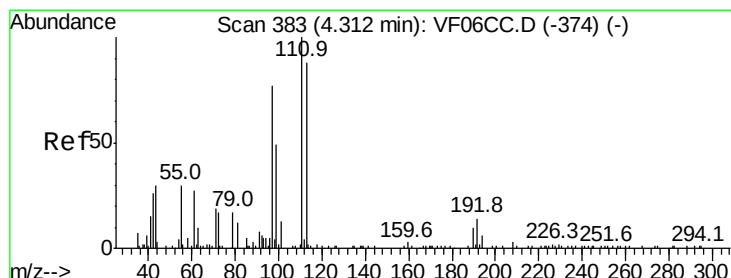
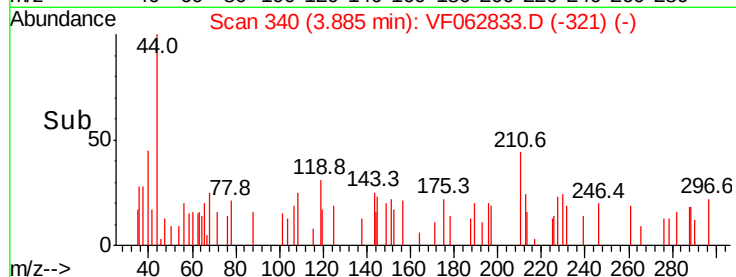
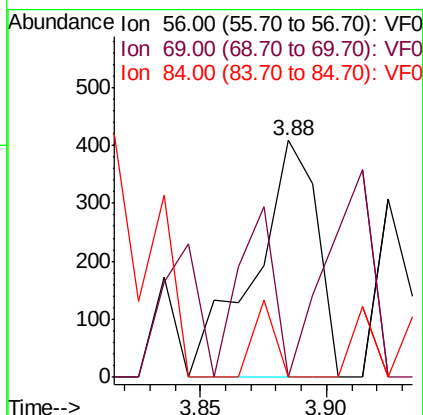
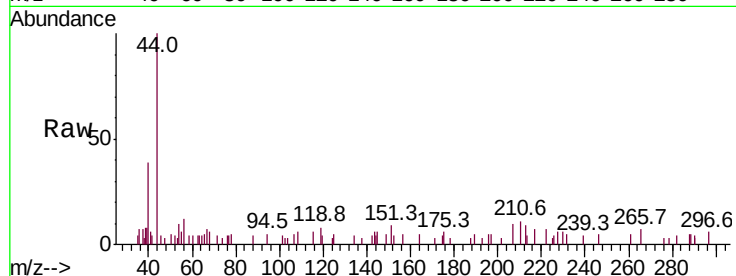
Tot Ion: 56 Resp: 707

Ion Ratio Lower Upper

56 100

69 0.0 26.7 40.1#

84 0.0 74.3 111.5#



#32

1,1,1-Trichloroethane

Concen: 56.584 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.02 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

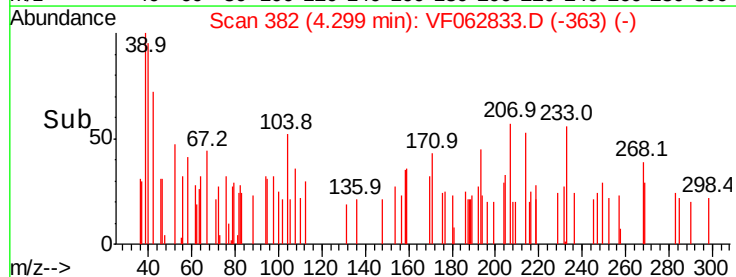
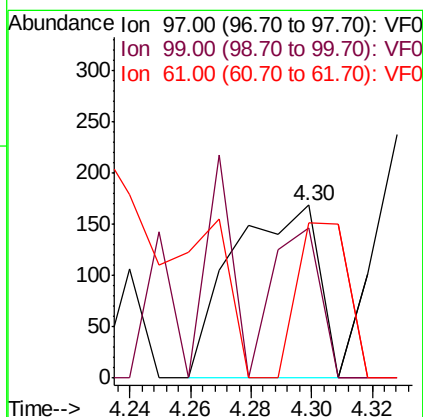
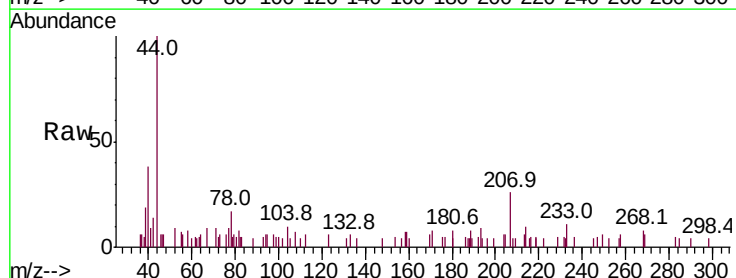
Tgt Ion: 97 Resp: 334

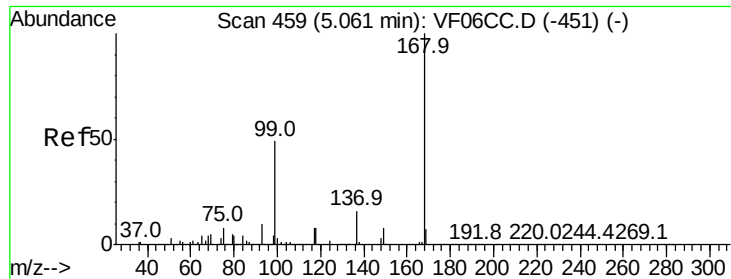
Ion Ratio Lower Upper

97 100

99 87.0 51.7 77.5#

61 89.9 38.9 58.3#

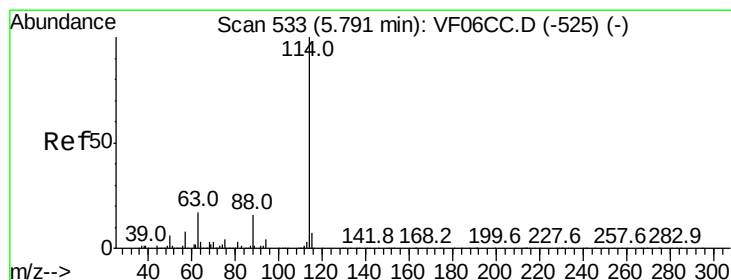
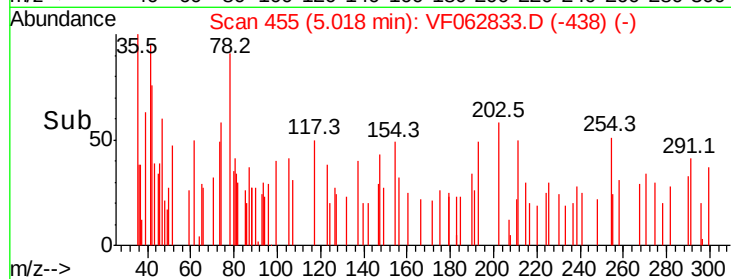
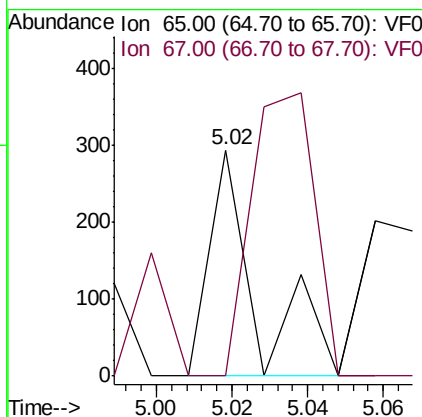
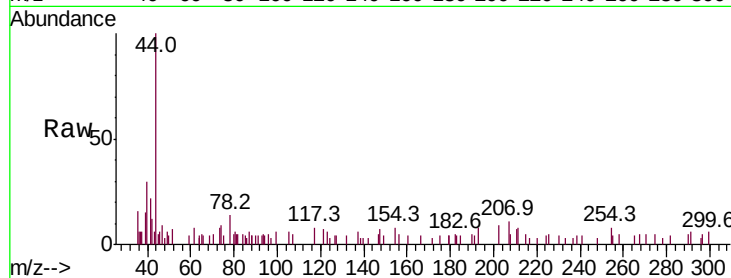




#33
 1,2-Dichloroethane-d4
 Concen: 69.557 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

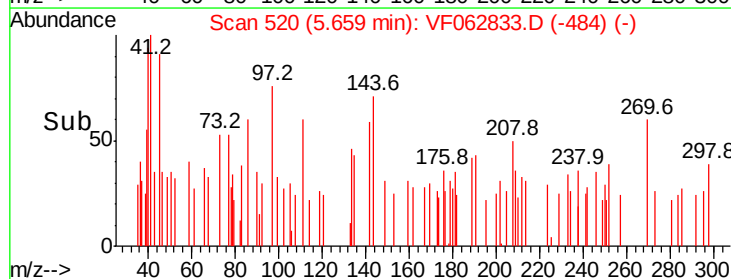
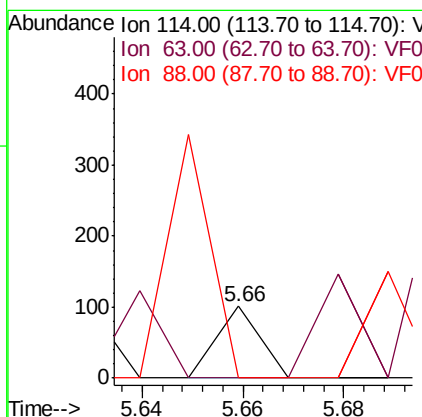
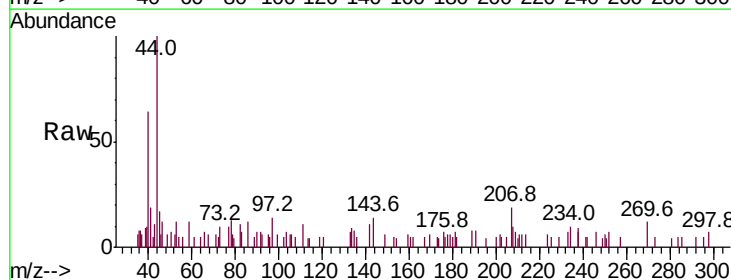
Instrument :
 MSVOA_F
 ClientSampleId :
 B-09-1.5-2.0RE

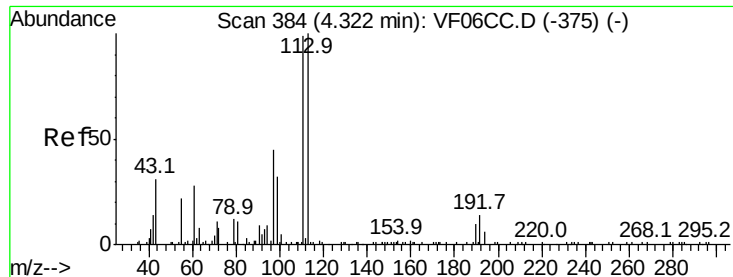
Tot Ion: 65 Resp: 253
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 520
 Delta R.T. -0.14 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

Tgt Ion: 114 Resp: 60
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 34.2
 88 0.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 132.336 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.08 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

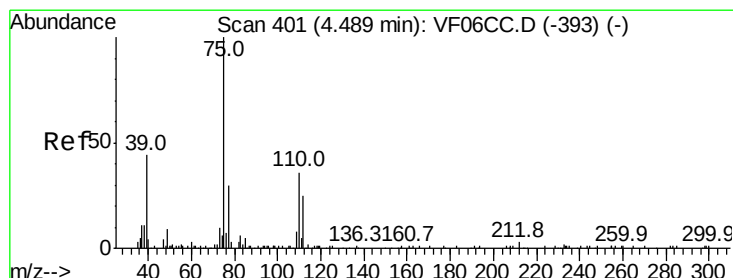
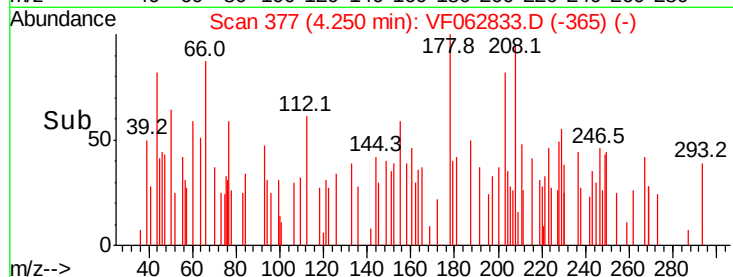
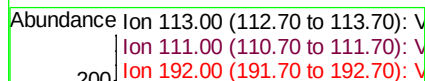
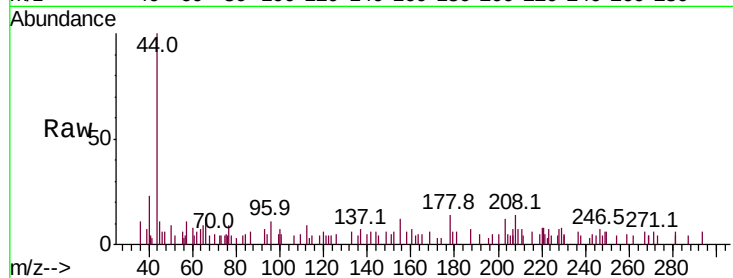
Tot Ion:113 Resp: 60

Ion Ratio Lower Upper

113 100

111 0.0 81.9 122.9#

192 0.0 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 543.129 ug/l

RT: 4.39 min Scan# 391

Delta R.T. -0.11 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

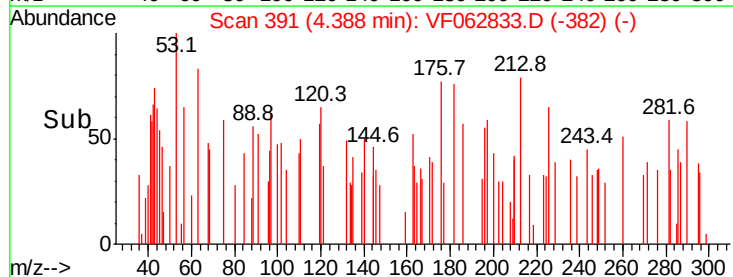
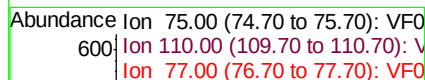
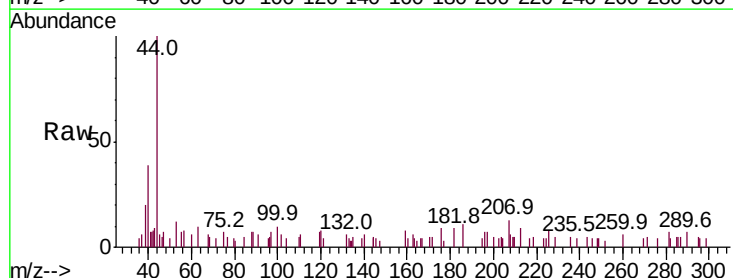
Tgt Ion: 75 Resp: 300

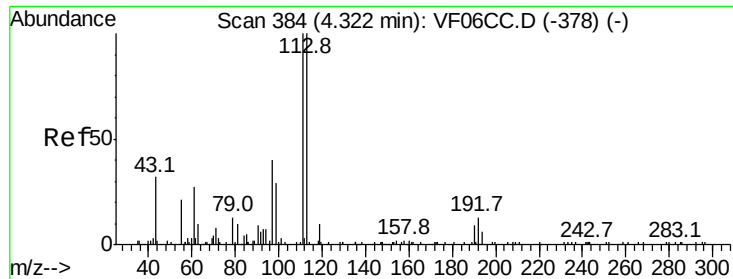
Ion Ratio Lower Upper

75 100

110 85.1 19.4 58.1#

77 73.6 25.4 38.2#

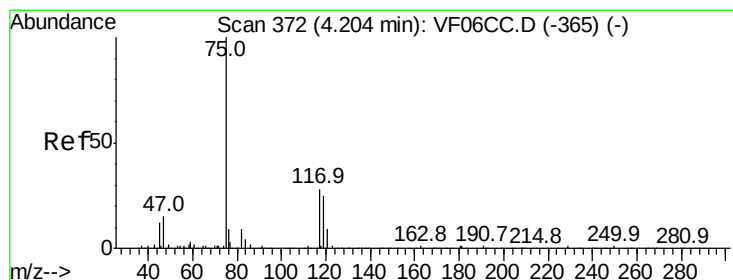
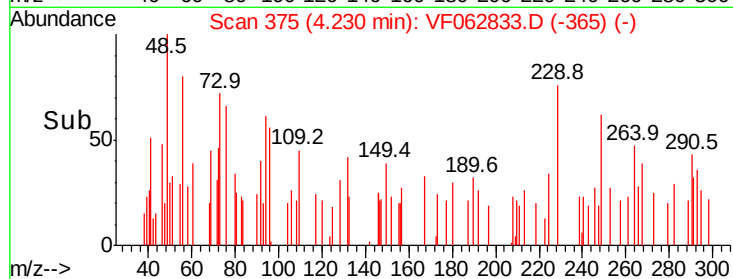
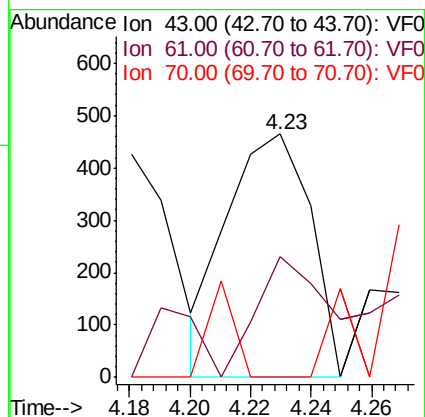
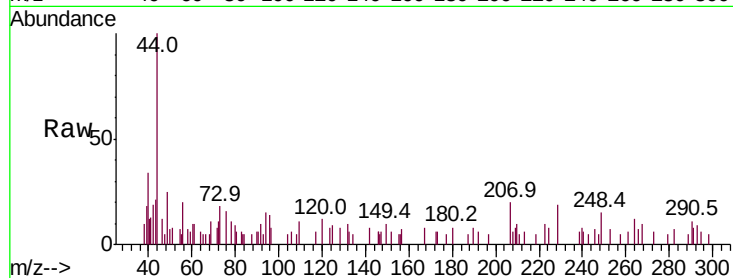




#37
Ethyl Acetate
Concen: 4200.892 ug/l
RT: 4.23 min Scan# 375
Delta R.T. -0.10 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

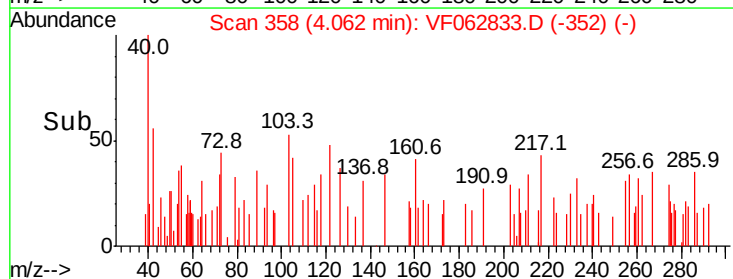
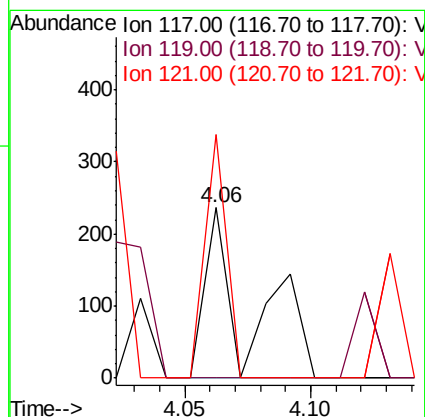
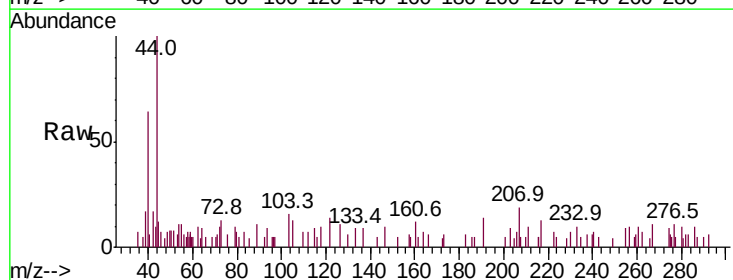
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

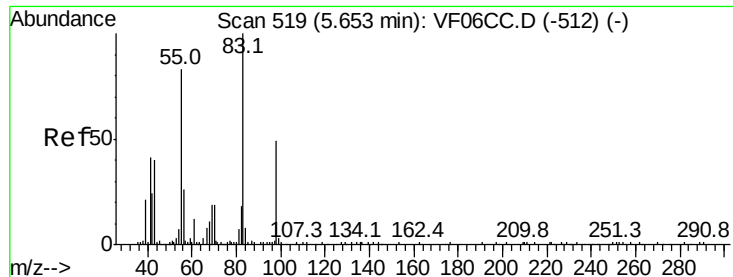
Tot Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
61 49.7 59.1 88.7#
70 0.0 10.1 15.1#



#38
Carbon Tetrachloride
Concen: 768.813 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.14 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion: 117 Resp: 287
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 143.2 28.2 42.2#

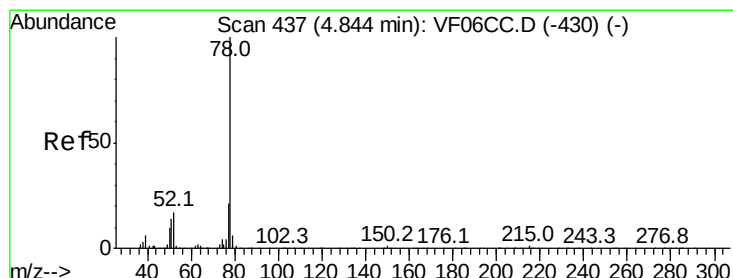
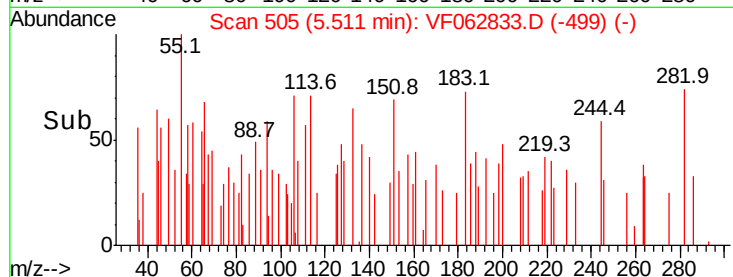
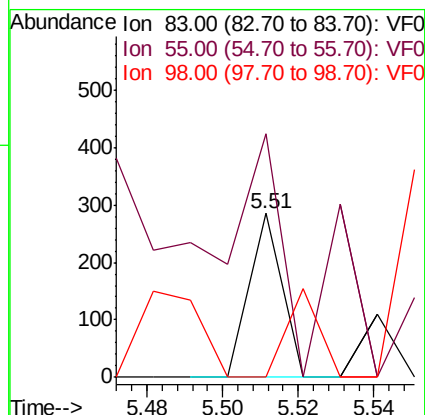
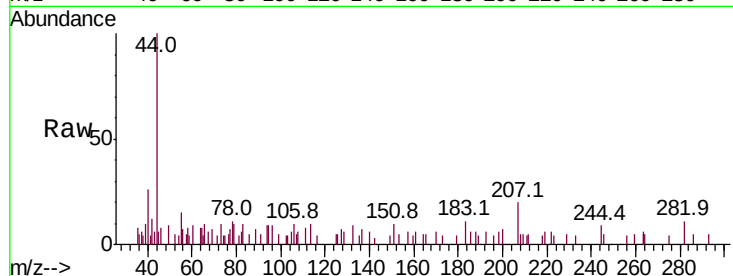




#39
Methylcyclohexane
Concen: 245.833 ug/l
RT: 5.51 min Scan# 505
Delta R.T. -0.14 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

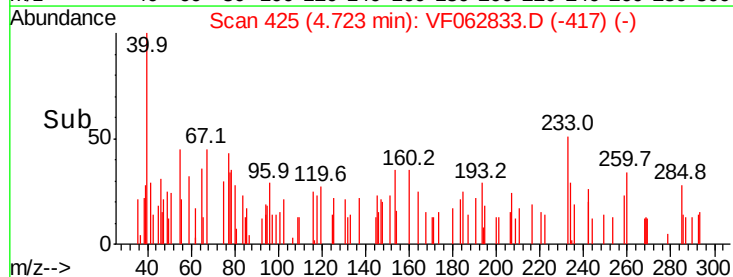
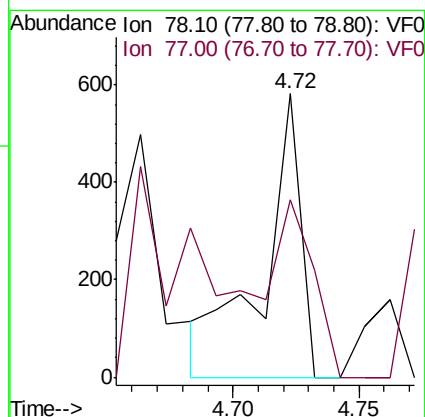
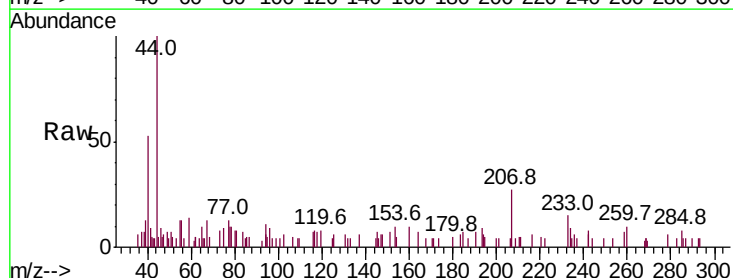
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

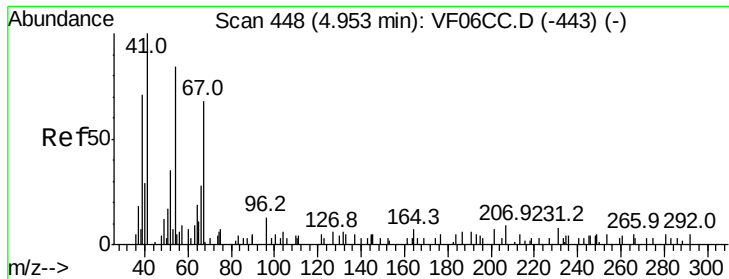
Tot Ion: 83 Resp: 169
Ion Ratio Lower Upper
83 100
55 148.8 61.6 92.4#
98 0.0 37.4 56.2#



#40
Benzene
Concen: 370.749 ug/l
RT: 4.72 min Scan# 425
Delta R.T. -0.12 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion: 78 Resp: 596
Ion Ratio Lower Upper
78 100
77 62.4 18.9 28.3#

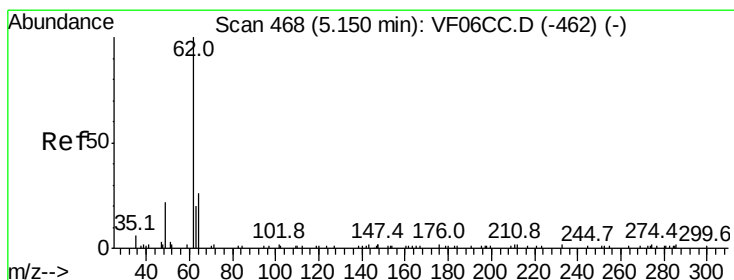
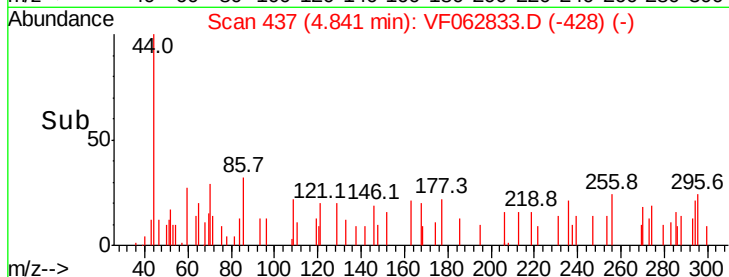
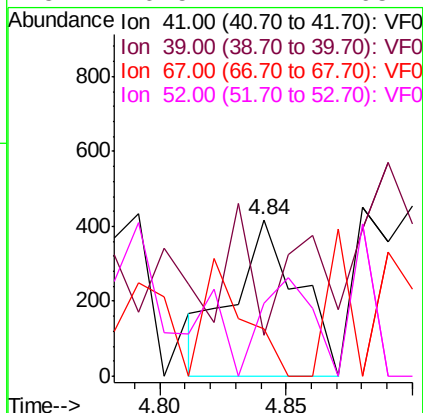
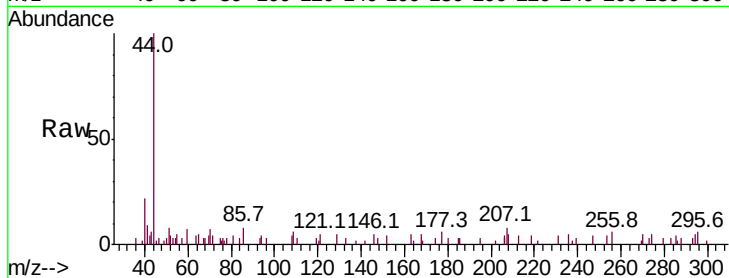




#41
Methacrylonitrile
Concen: 6363.928 ug/l
RT: 4.84 min Scan# 437
Delta R.T. -0.11 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

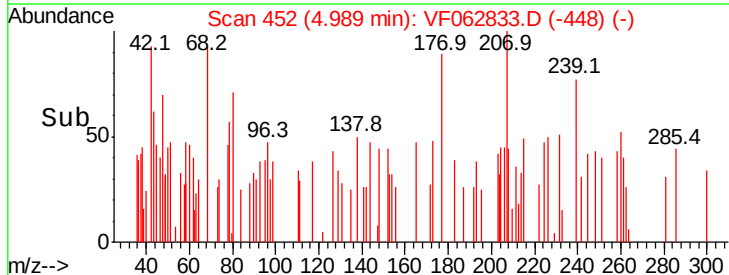
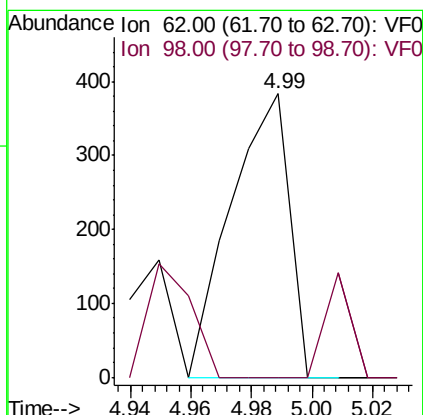
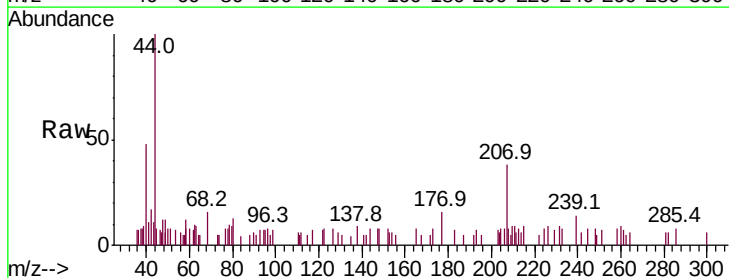
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

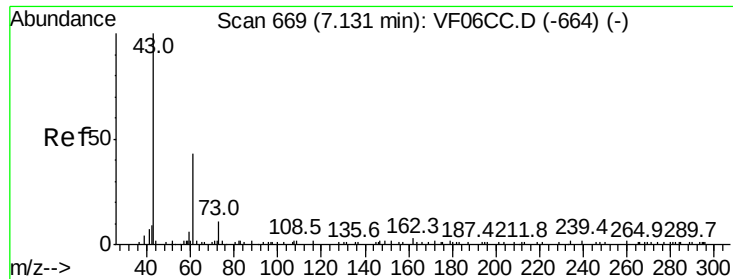
Tot Ion:	41	Resp:	747
Ion	Ratio	Lower	Upper
41	100		
39	26.4	42.0	63.0#
67	30.0	61.4	92.0#
52	46.5	42.1	63.1



#42
1,2-Dichloroethane
Concen: 1697.495 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.16 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion:	62	Resp:	519
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	24.0



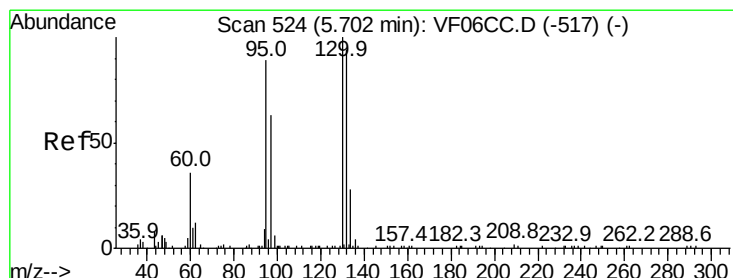
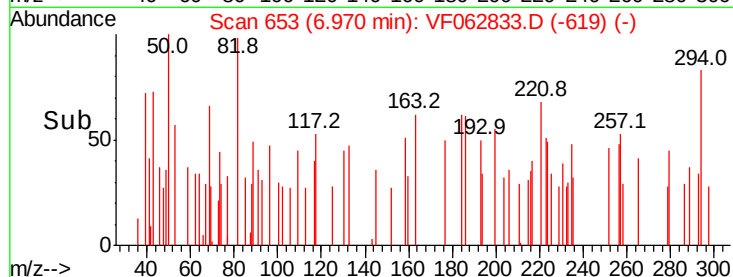
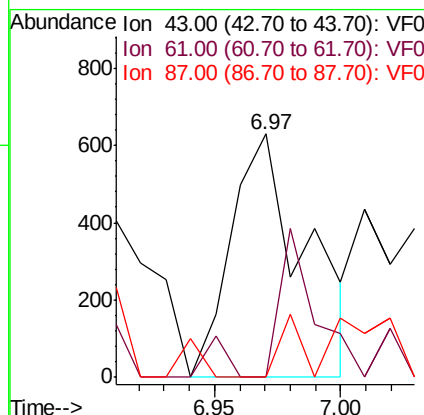
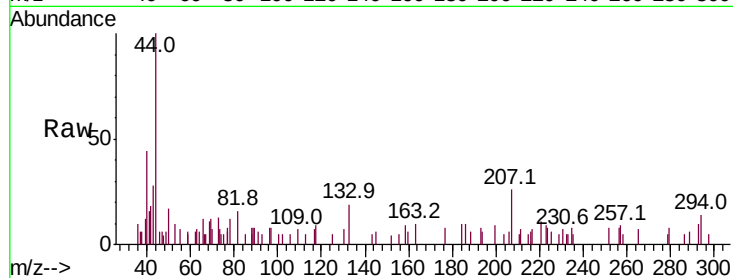


#43

Isopropyl Acetate
 Concen: 4632.062 ug/l
 RT: 6.97 min Scan# 653
 Delta R.T. -0.16 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

Instrument :
 MSVOA_F
 ClientSampleId :
 B-09-1.5-2.0RE

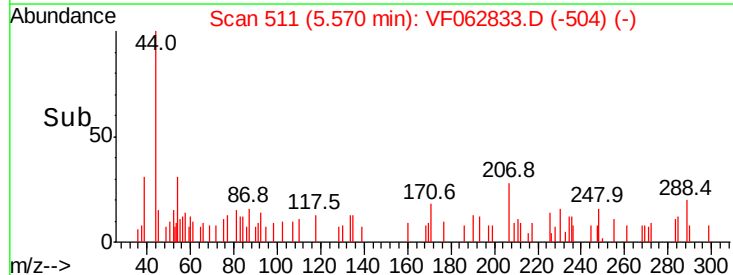
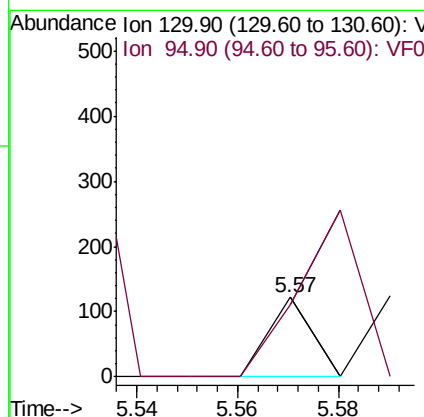
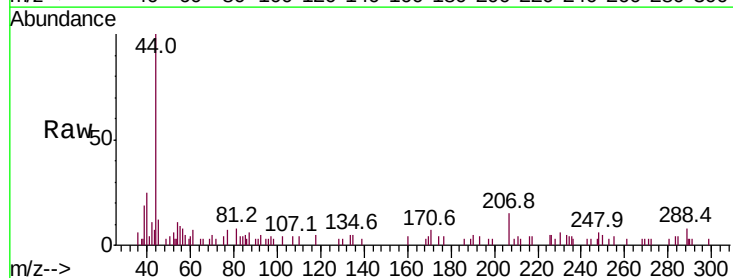
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	29.8	44.6#
87	0.0	0.3	0.5#

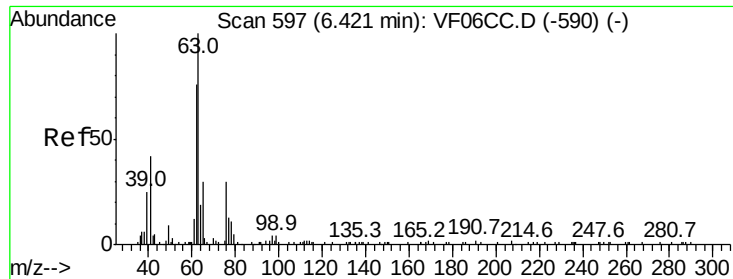


#44

Trichloroethene
 Concen: 158.699 ug/l
 RT: 5.57 min Scan# 511
 Delta R.T. -0.13 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	188.2





#45

1,2-Dichloropropane

Concen: 242.929 ug/l

RT: 6.27 min Scan# 582

Delta R.T. -0.16 min

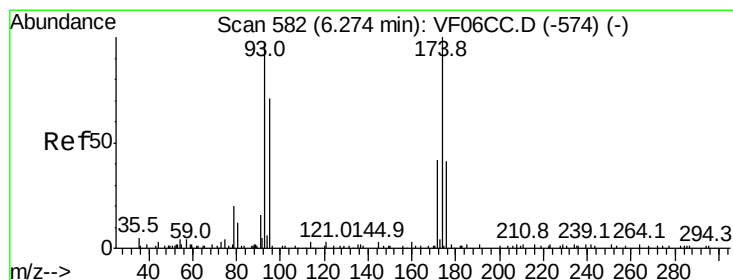
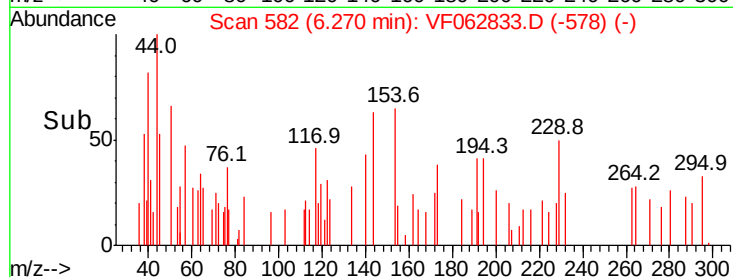
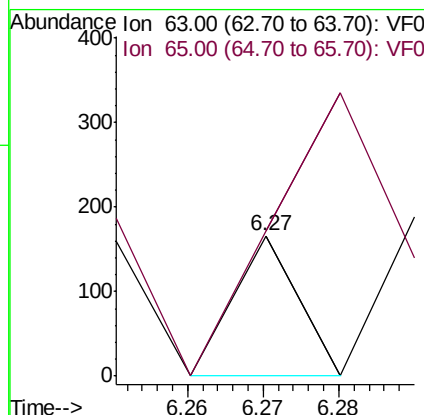
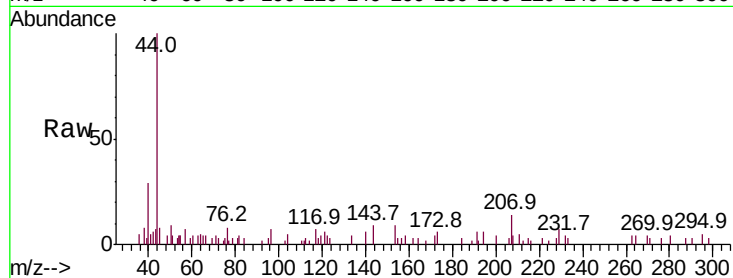
Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

Tot Ion: 63 Resp: 98

Ion	Ratio	Lower	Upper
63	100		
65	103.6	24.2	36.2#



#46

Dibromomethane

Concen: 904.352 ug/l

RT: 6.12 min Scan# 567

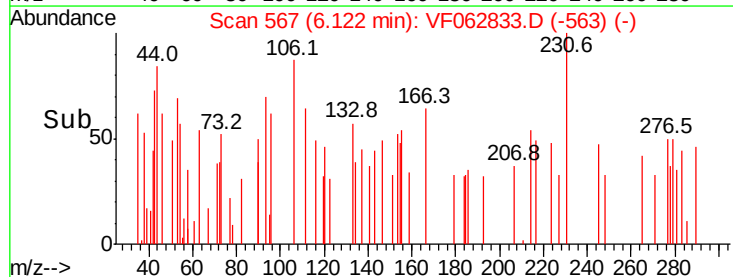
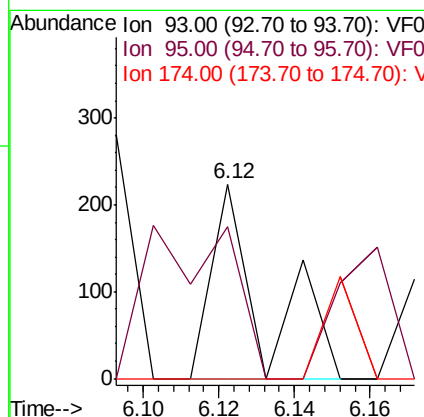
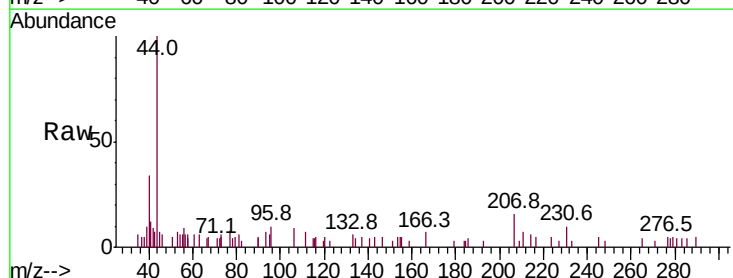
Delta R.T. -0.16 min

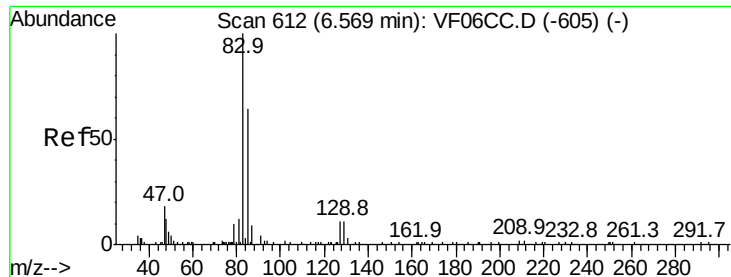
Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Tgt Ion: 93 Resp: 213

Ion	Ratio	Lower	Upper
93	100		
95	78.1	67.9	101.9
174	0.0	85.0	127.4#





#47

Bromodichloromethane

Concen: 227.241 ug/l

RT: 6.46 min Scan# 601

Delta R.T. -0.12 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

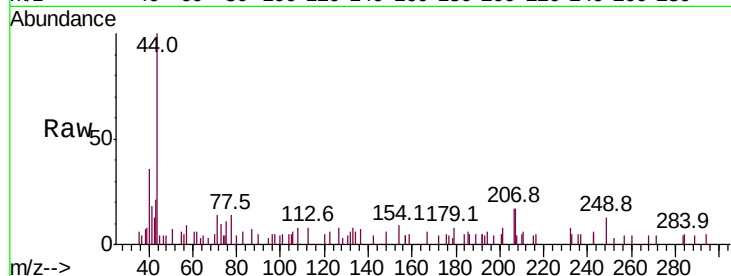
Tot Ion: 83 Resp: 109

Ion Ratio Lower Upper

83 100

85 0.0 54.2 81.4#

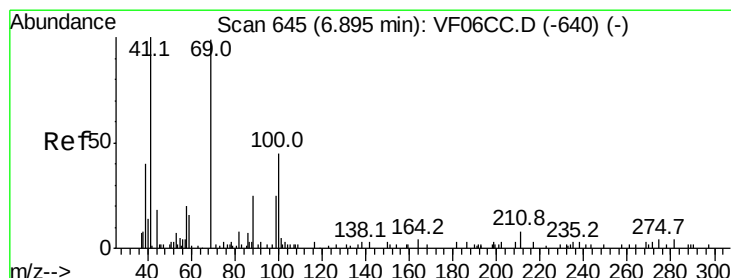
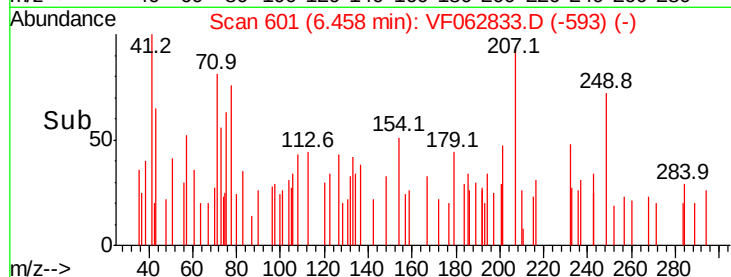
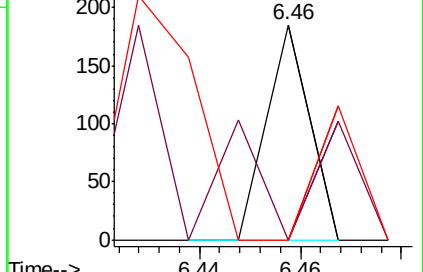
127 0.0 7.0 10.4#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): VF0



#48

Methyl methacrylate

Concen: 3297.428 ug/l

RT: 6.71 min Scan# 627

Delta R.T. -0.18 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

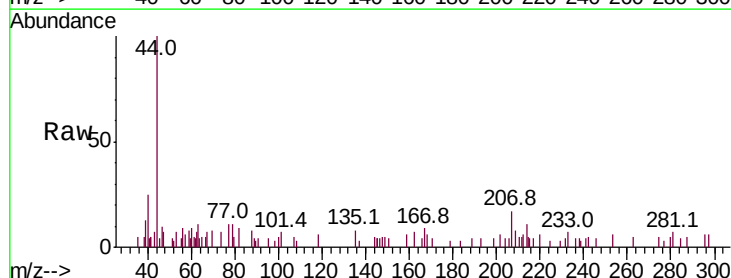
Tgt Ion: 41 Resp: 474

Ion Ratio Lower Upper

41 100

69 53.3 79.4 119.2#

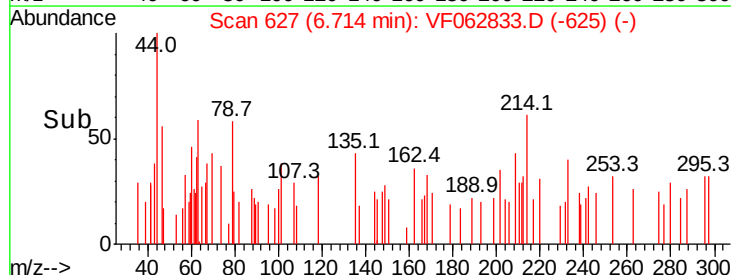
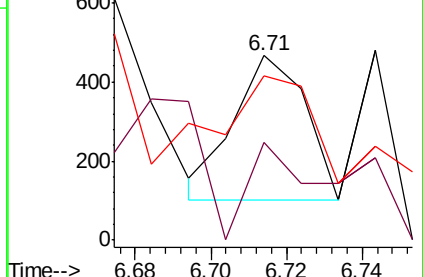
39 88.9 39.8 59.6#

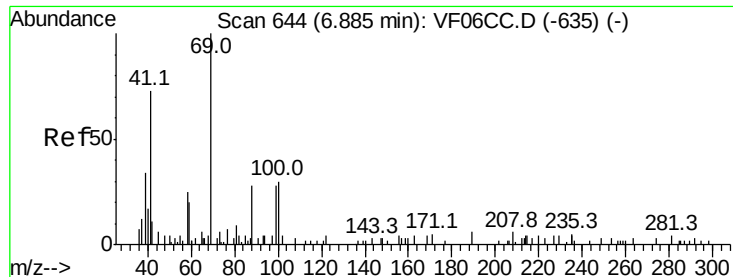


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

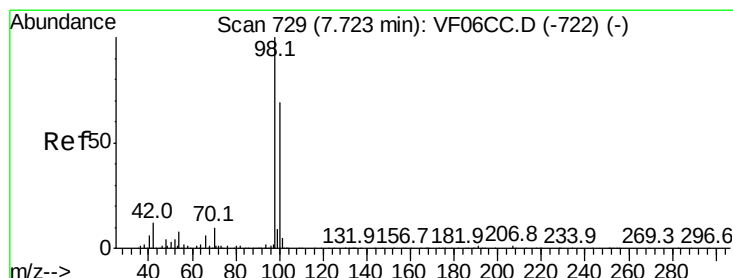
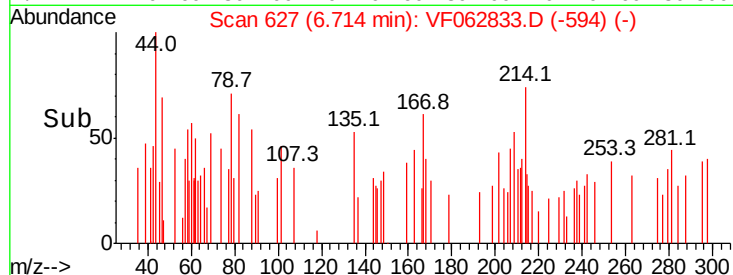
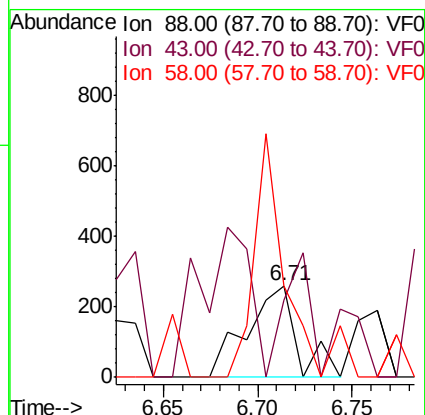
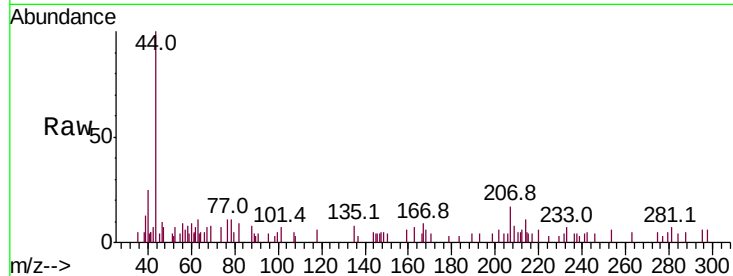




#49
1,4-Dioxane
Concen: 253857.290 ug/l
RT: 6.71 min Scan# 627
Delta R.T. -0.17 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

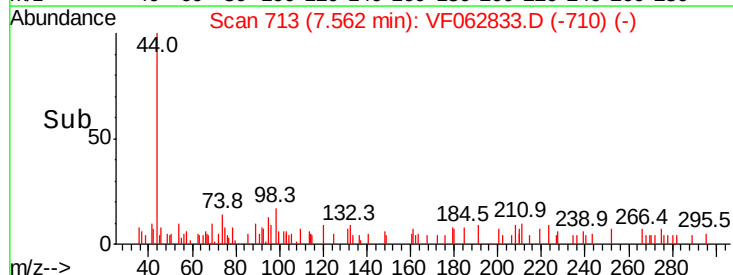
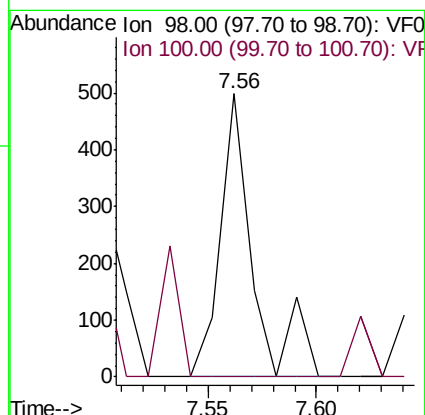
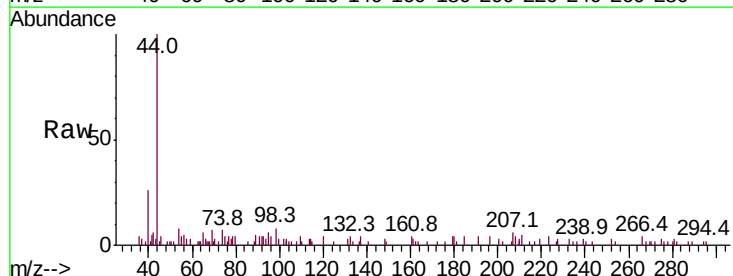
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

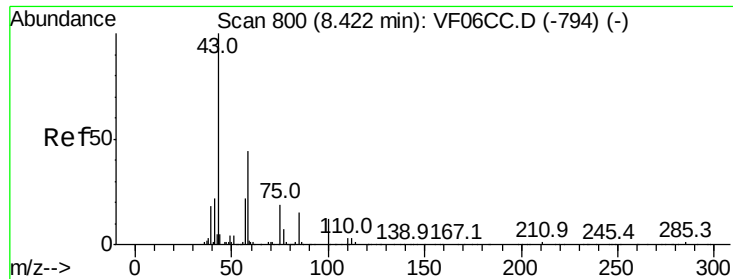
Tot Ion: 88 Resp: 481
Ion Ratio Lower Upper
88 100
43 84.9 34.8 52.2#
58 100.0 59.9 89.9#



#50
Toluene-d8
Concen: 461.395 ug/l
RT: 7.56 min Scan# 713
Delta R.T. -0.17 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion: 98 Resp: 529
Ion Ratio Lower Upper
98 100
100 0.0 59.8 89.8#





#51

4-Methyl-2-Pentanone

Concen: 1009.360 ug/l

RT: 8.22 min Scan# 780

Delta R.T. -0.20 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

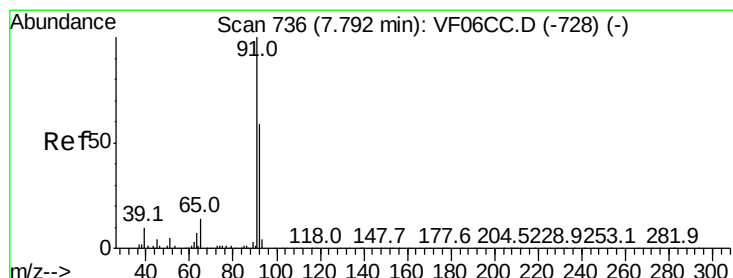
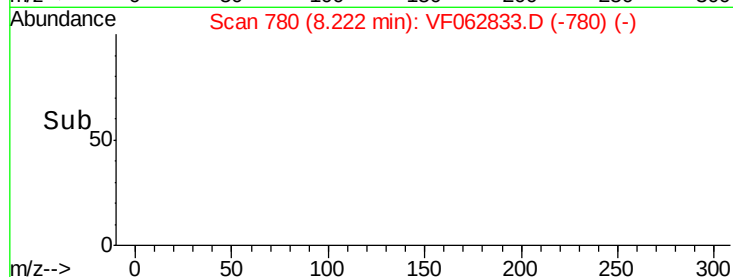
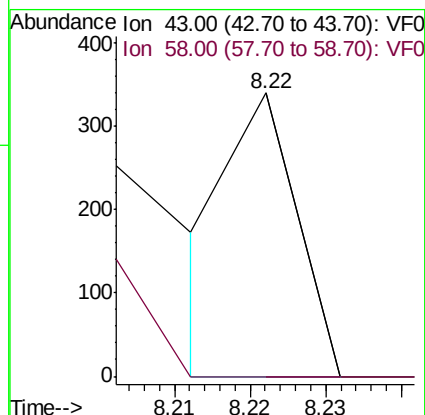
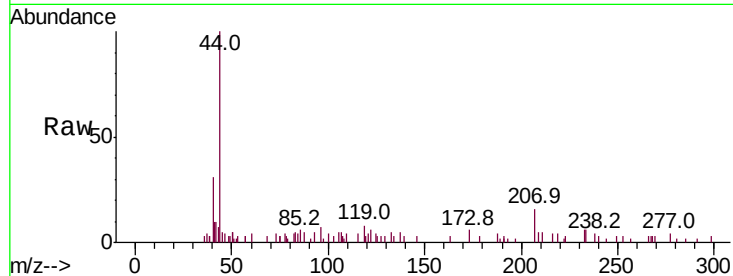
B-09-1.5-2.0RE

Tot Ion: 43 Resp: 201

Ion Ratio Lower Upper

43 100

58 0.0 35.5 53.3#



#52

Toluene

Concen: 251.777 ug/l

RT: 7.65 min Scan# 722

Delta R.T. -0.15 min

Lab File: VF062833.D

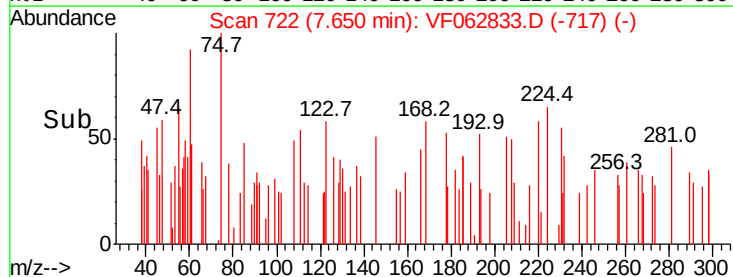
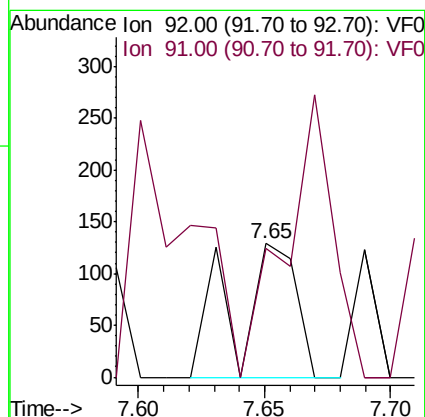
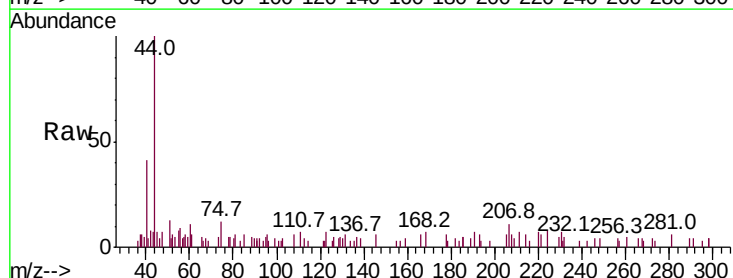
Acq: 3 Jun 2019 17:23

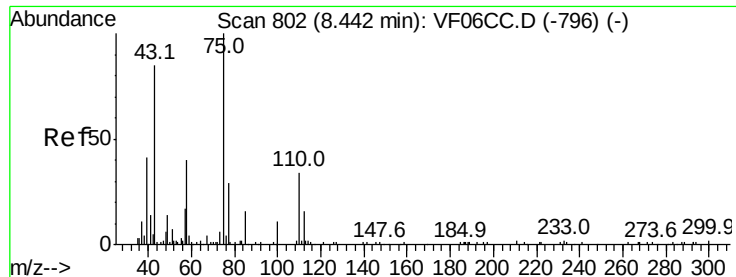
Tgt Ion: 92 Resp: 218

Ion Ratio Lower Upper

92 100

91 96.1 123.2 184.8#

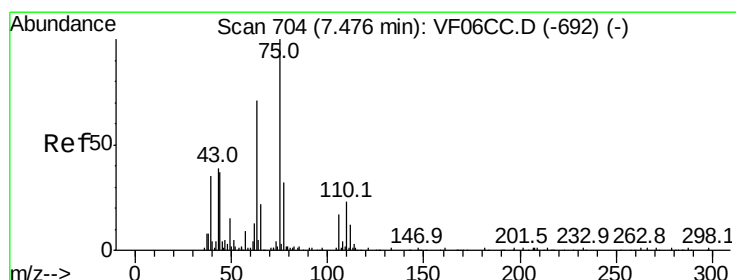
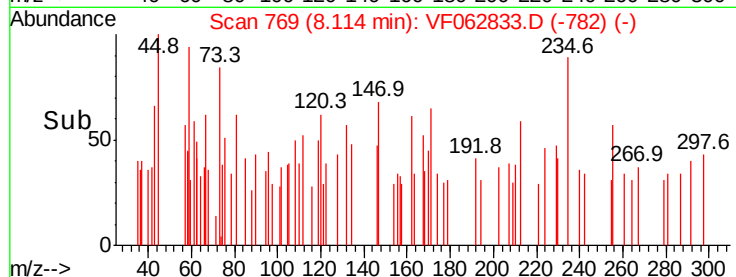
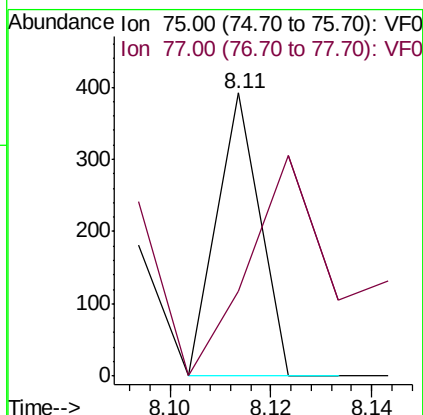
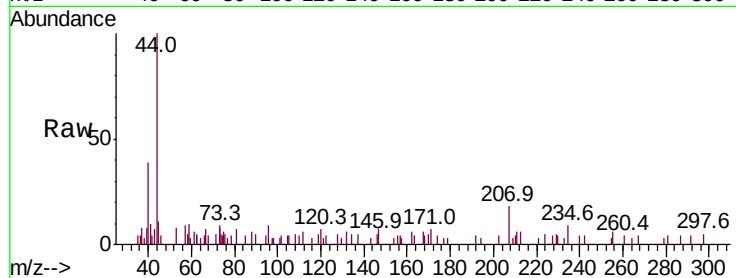




#53
 t-1,3-Dichloropropene
 Concen: 583.683 ug/l
 RT: 8.11 min Scan# 769
 Delta R.T. -0.33 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

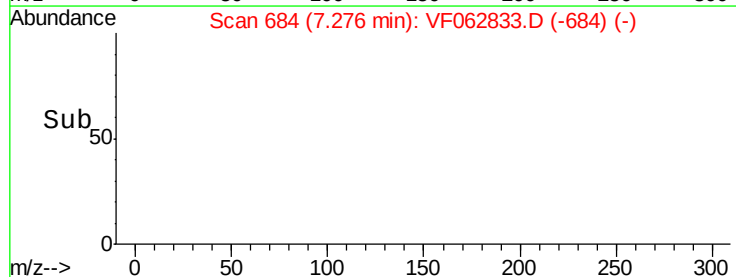
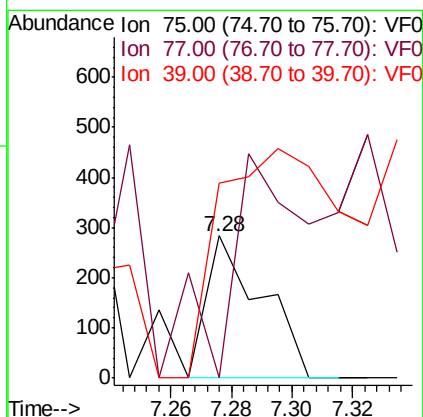
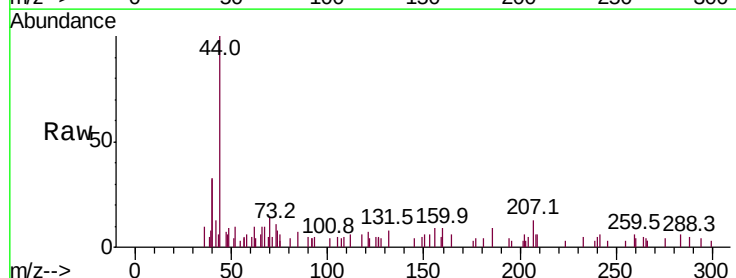
Instrument :
 MSVOA_F
 ClientSampleId :
 B-09-1.5-2.0RE

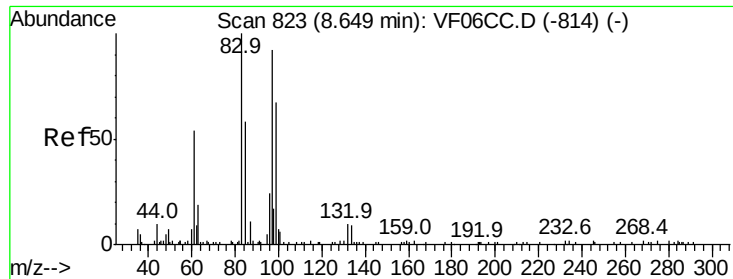
Tot Ion: 75 Resp: 232
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 620.488 ug/l
 RT: 7.28 min Scan# 684
 Delta R.T. -0.20 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

Tgt Ion: 75 Resp: 357
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.8 38.8#
 39 137.5 28.4 42.6#





#55

1,1,2-Trichloroethane

Concen: 371.128 ug/l

RT: 8.44 min Scan# 802

Delta R.T. -0.21 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

Tot Ion: 97 Resp: 96

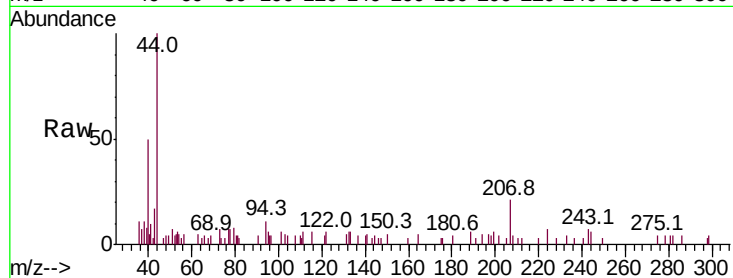
Ion Ratio Lower Upper

97 100

83 0.0 72.0 108.0#

85 0.0 47.5 71.3#

99 0.0 54.1 81.1#

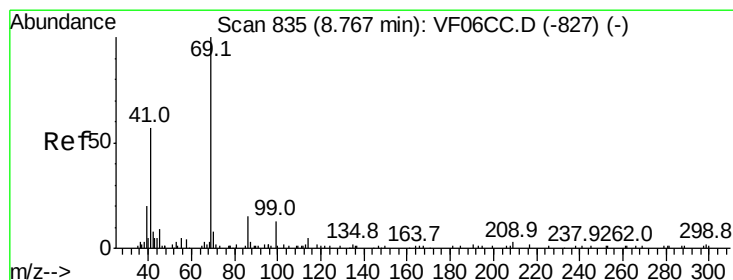
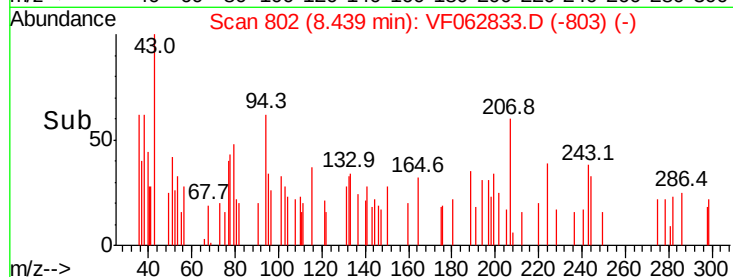
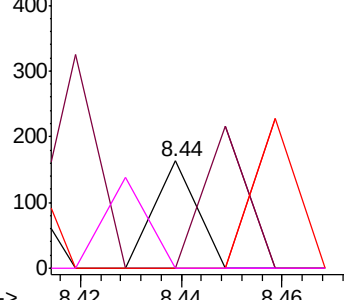


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 763.837 ug/l

RT: 8.57 min Scan# 815

Delta R.T. -0.21 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

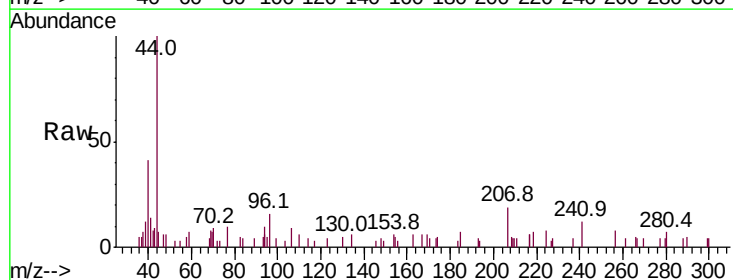
Tgt Ion: 69 Resp: 212

Ion Ratio Lower Upper

69 100

41 98.4 46.6 69.8#

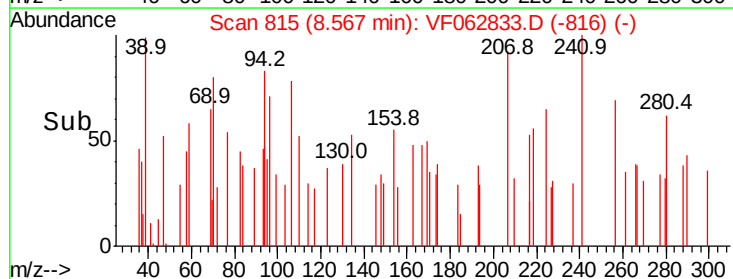
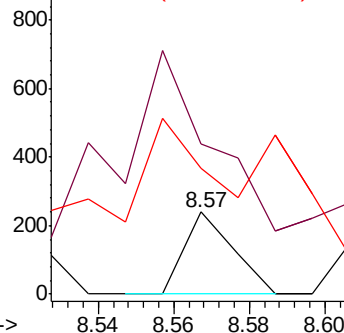
39 82.1 19.6 29.4#

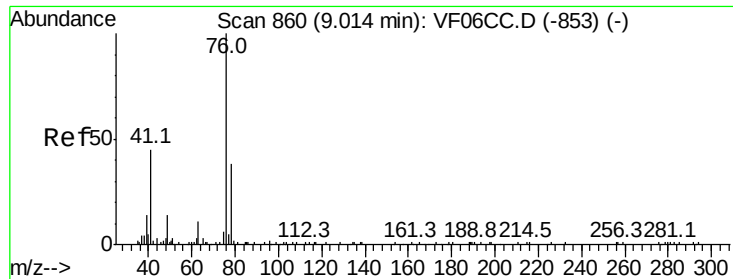


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 755.186 ug/l

RT: 8.78 min Scan# 837

Delta R.T. -0.23 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

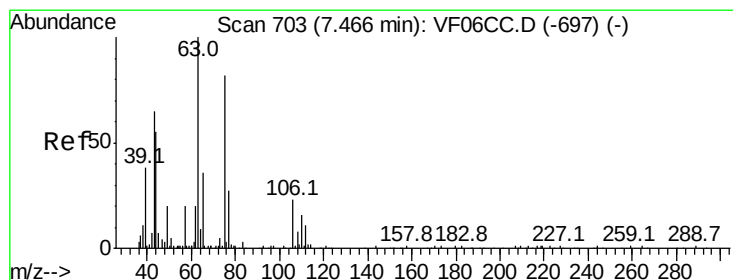
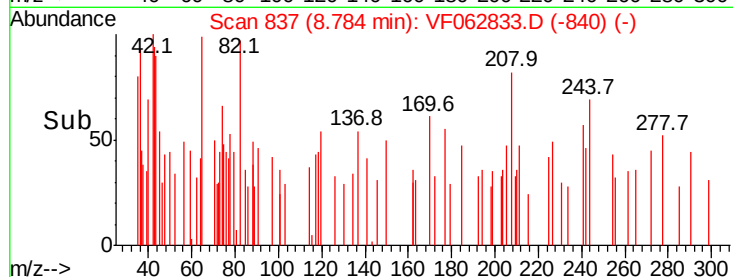
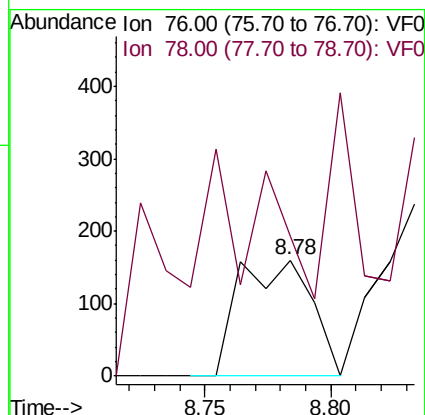
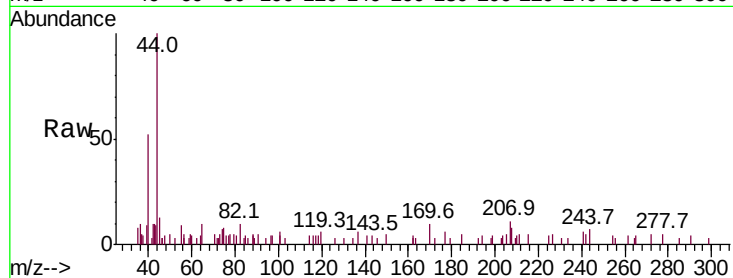
B-09-1.5-2.0RE

Tot Ion: 76 Resp: 319

Ion Ratio Lower Upper

76 100

78 120.6 26.8 40.2#



#58

2-Chloroethyl Vinyl ether

Concen: 865.986 ug/l

RT: 7.32 min Scan# 688

Delta R.T. -0.15 min

Lab File: VF062833.D

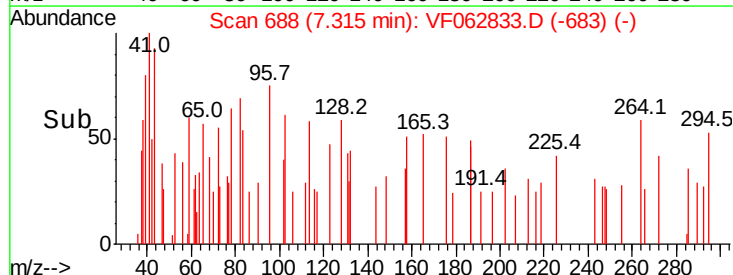
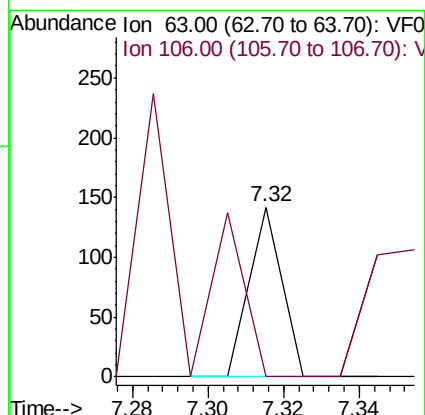
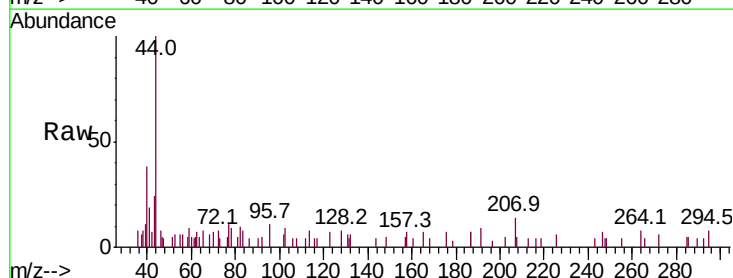
Acq: 3 Jun 2019 17:23

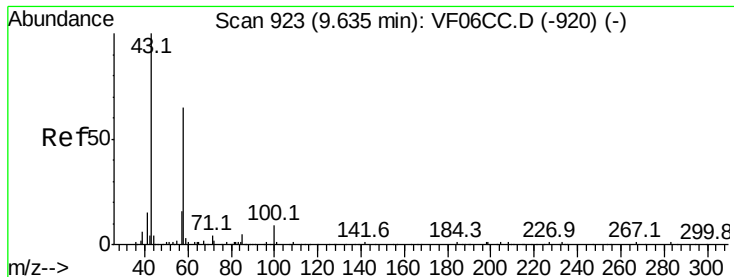
Tgt Ion: 63 Resp: 84

Ion Ratio Lower Upper

63 100

106 0.0 19.5 29.3#





#59

2-Hexanone

Concen: 2930.860 ug/l

RT: 9.31 min Scan# 890

Delta R.T. -0.33 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

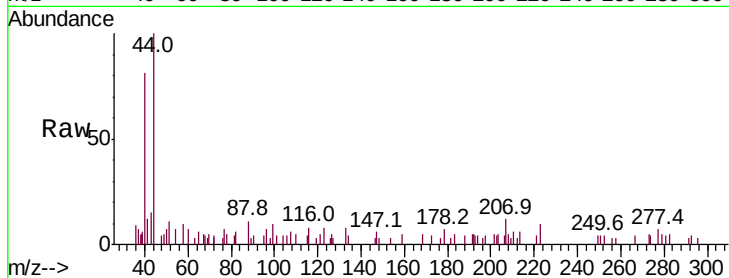
B-09-1.5-2.0RE

Tot Ion: 43 Resp: 416

Ion Ratio Lower Upper

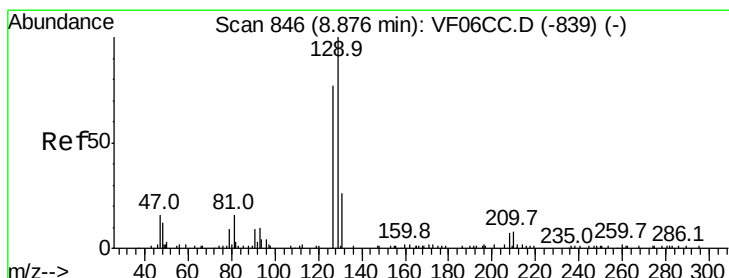
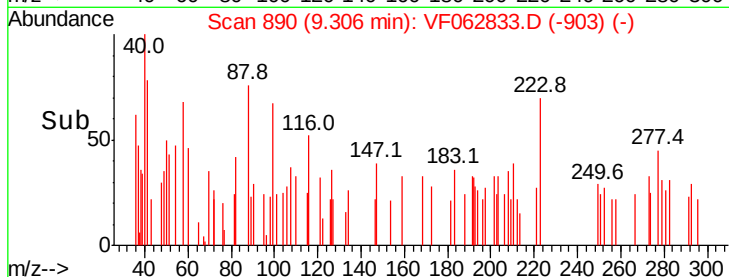
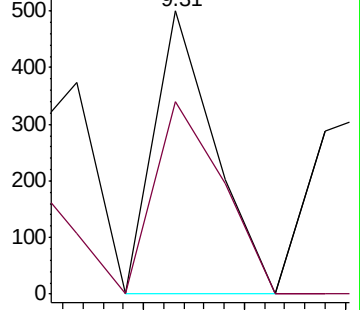
43 100

58 68.2 29.3 87.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#60

Dibromochloromethane

Concen: 633.881 ug/l

RT: 8.63 min Scan# 821

Delta R.T. -0.25 min

Lab File: VF062833.D

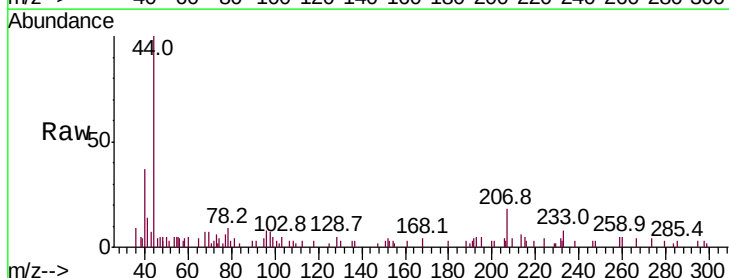
Acq: 3 Jun 2019 17:23

Tgt Ion: 129 Resp: 203

Ion Ratio Lower Upper

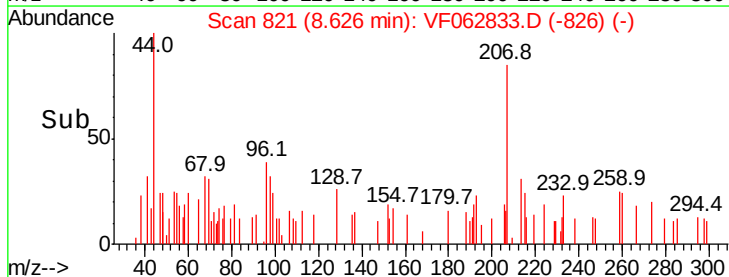
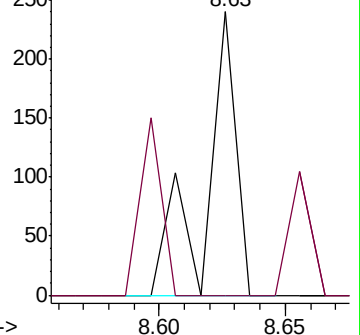
129 100

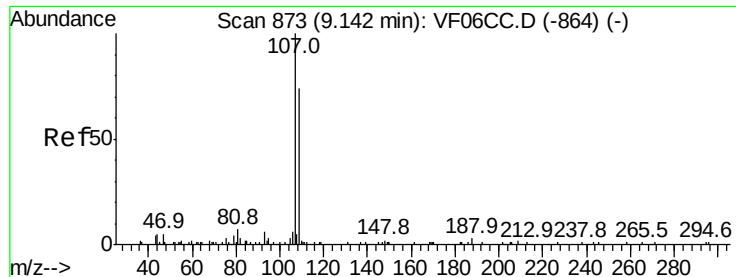
127 0.0 37.1 111.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#61

1,2-Dibromoethane

Concen: 234.511 ug/l

RT: 8.93 min Scan# 852

Delta R.T. -0.22 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

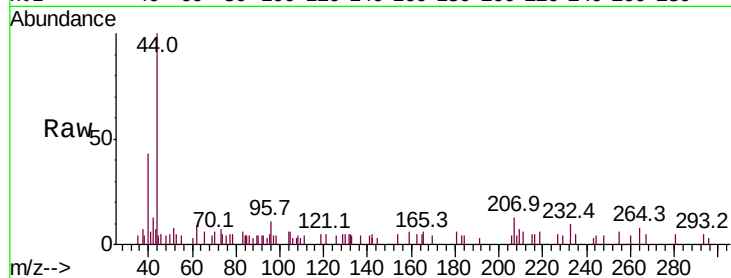
B-09-1.5-2.0RE

Tot Ion:107 Resp: 63

Ion Ratio Lower Upper

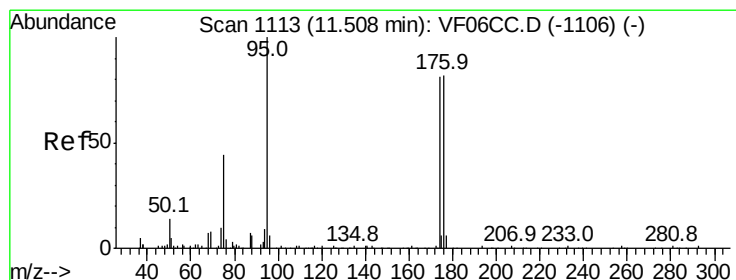
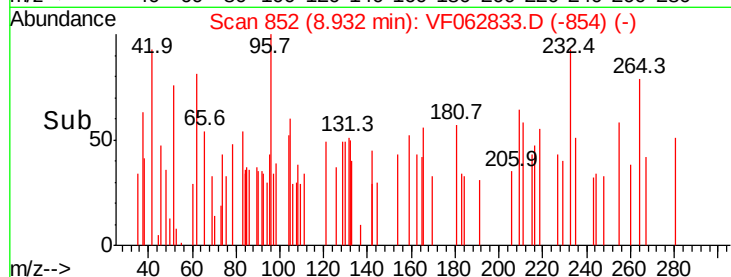
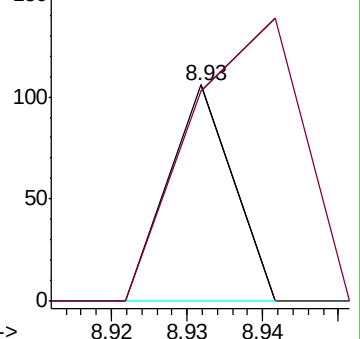
107 100

109 97.2 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 1086.279 ug/l

RT: 11.25 min Scan# 1087

Delta R.T. -0.26 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

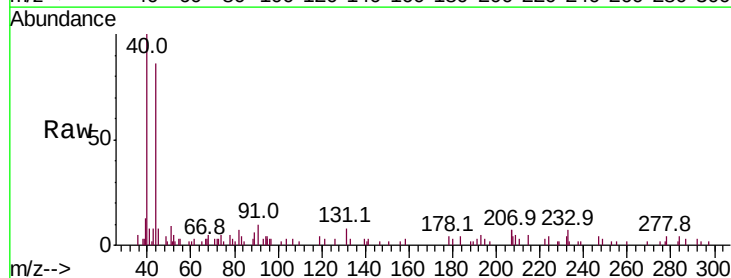
Tgt Ion: 95 Resp: 448

Ion Ratio Lower Upper

95 100

174 0.0 0.0 170.6

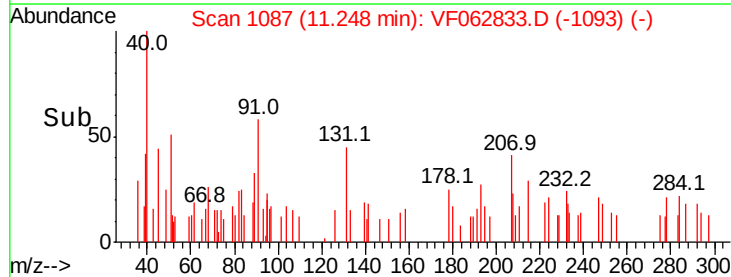
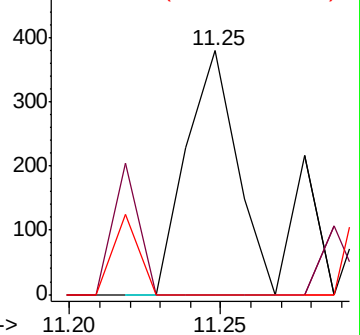
176 0.0 0.0 170.6

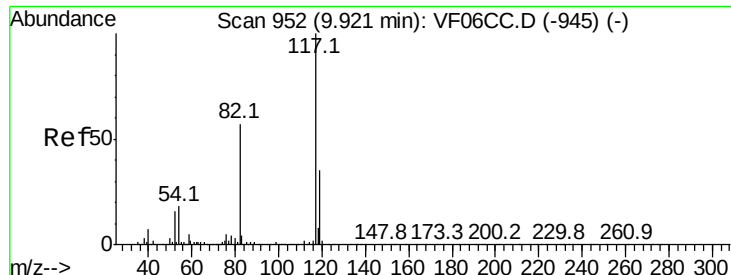


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

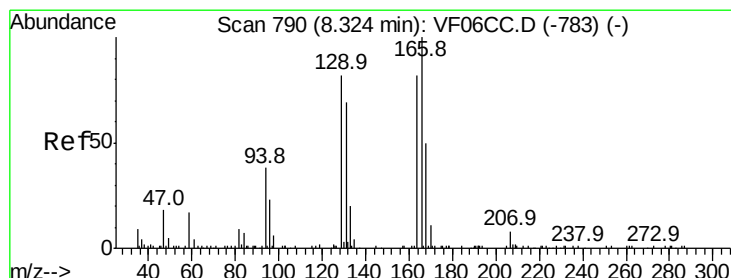
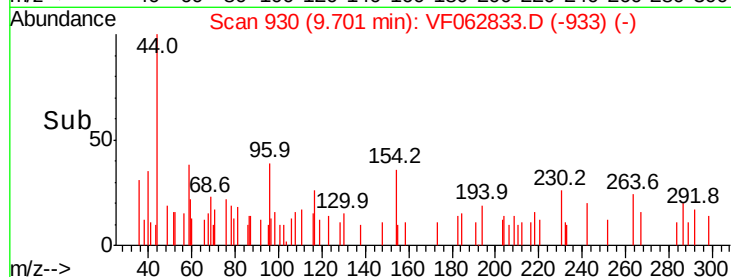
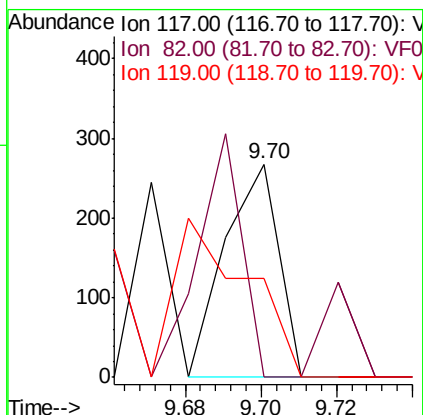
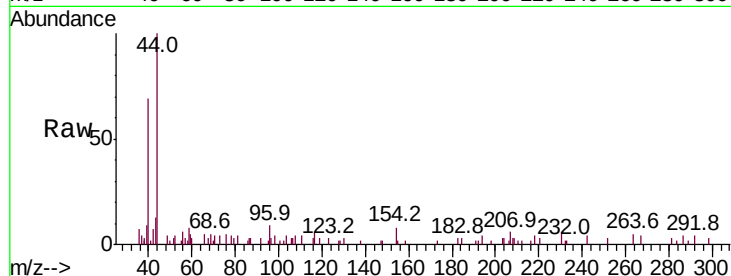




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.70 min Scan# 930
Delta R.T. -0.23 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

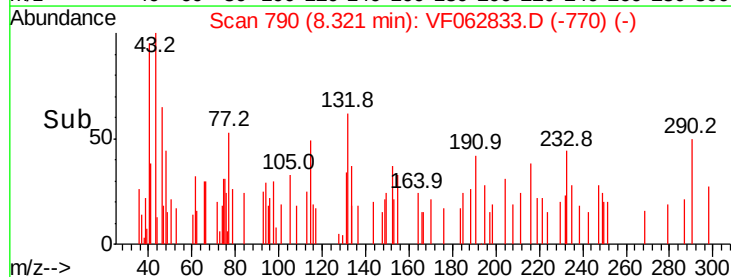
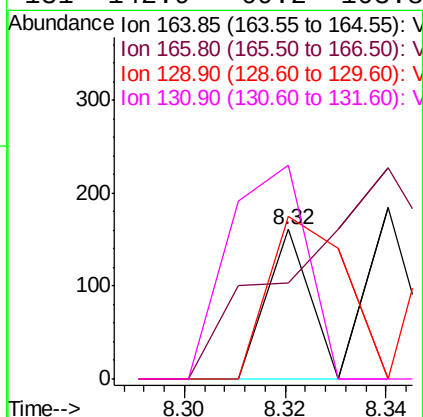
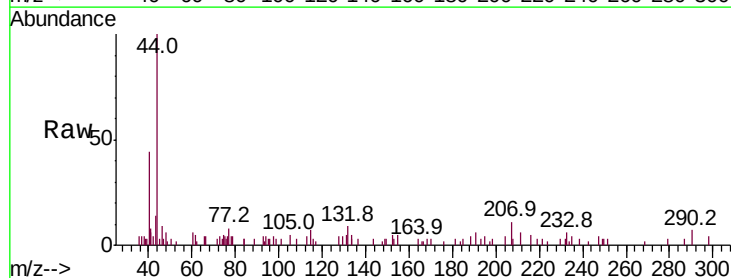
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

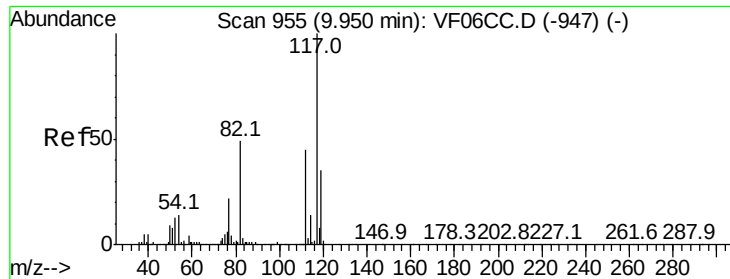
Tot Ion	Ratio	Lower	Upper
117	100		
82	0.0	42.4	63.6#
119	46.6	27.1	40.7#



#64
Tetrachloroethene
Concen: 47.007 ug/l
RT: 8.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	64.0	99.1	148.7#
129	108.7	69.5	104.3#
131	142.9	69.2	103.8#

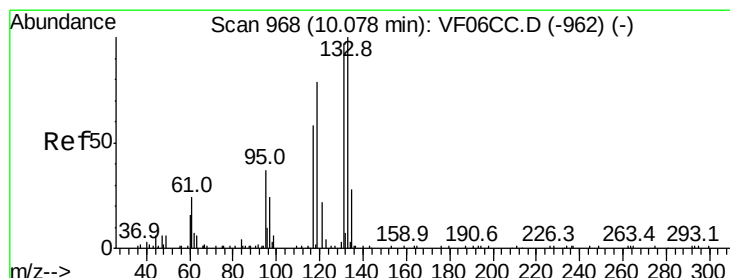
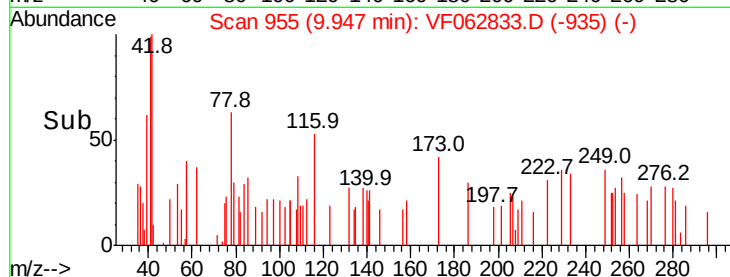
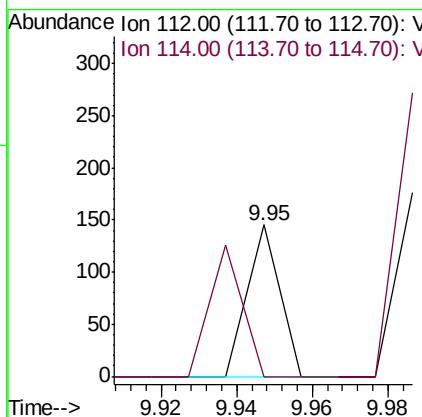
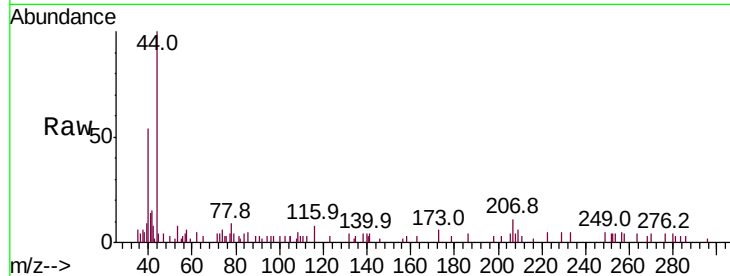




#65
Chlorobenzene
Concen: 16.933 ug/l
RT: 9.95 min Scan# 955
Delta R.T. -0.01 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

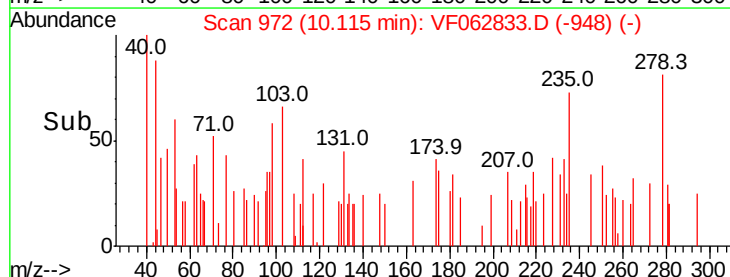
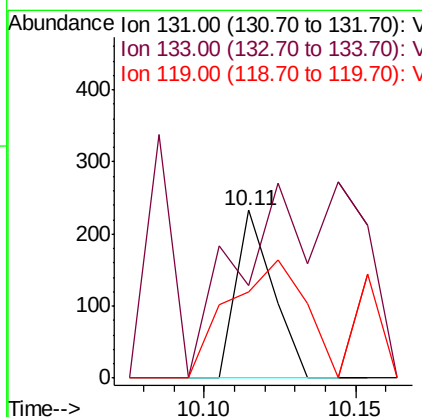
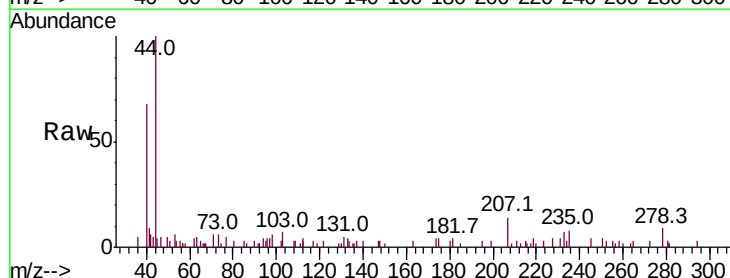
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

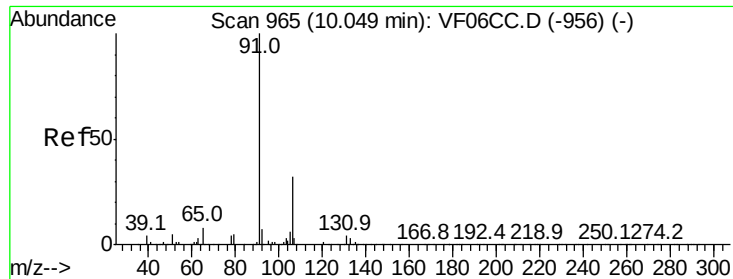
Tot Ion:112 Resp: 86
Ion Ratio Lower Upper
112 100
114 0.0 27.4 41.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 98.382 ug/l
RT: 10.11 min Scan# 972
Delta R.T. 0.03 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion:131 Resp: 199
Ion Ratio Lower Upper
131 100
133 55.4 48.9 146.7
119 51.1 38.0 114.0





#67

Ethyl Benzene

Concen: 87.085 ug/l

RT: 10.07 min Scan# 967

Delta R.T. 0.01 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

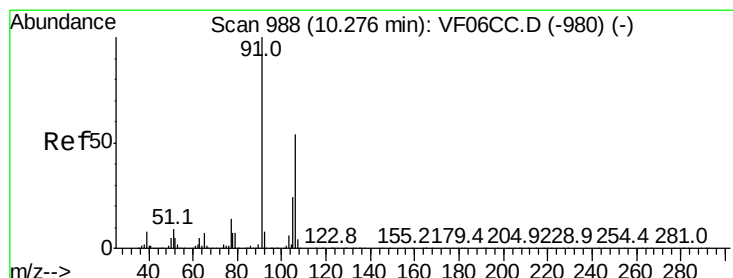
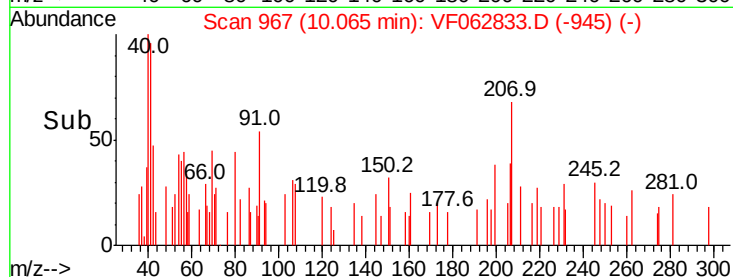
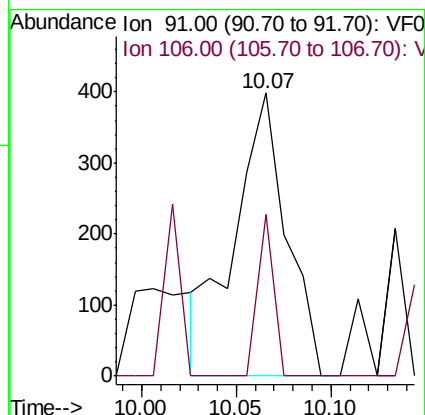
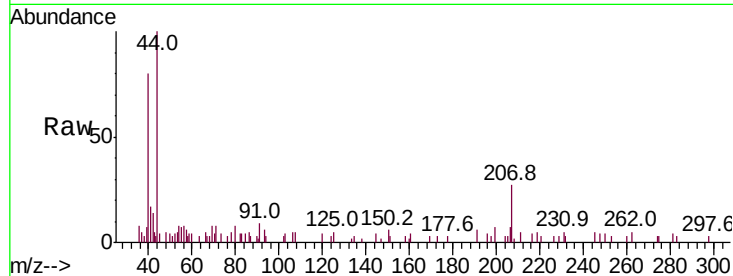
B-09-1.5-2.0RE

Tot Ion: 91 Resp: 759

Ion Ratio Lower Upper

91 100

106 57.0 26.0 39.0#



#68

m/p-Xylenes

Concen: 22.488 ug/l

RT: 10.22 min Scan# 983

Delta R.T. -0.05 min

Lab File: VF062833.D

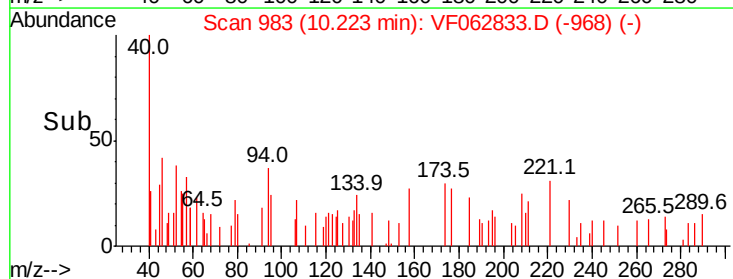
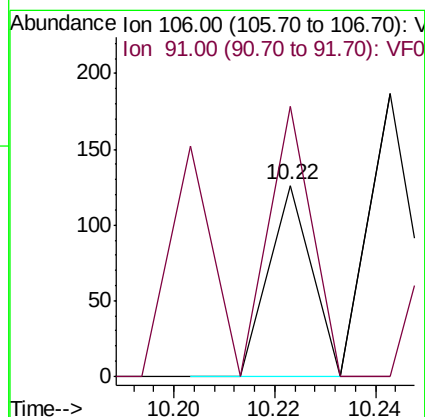
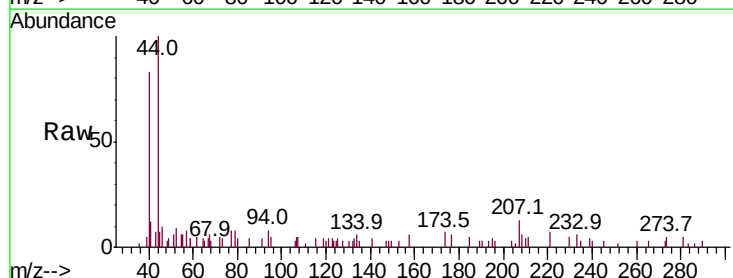
Acq: 3 Jun 2019 17:23

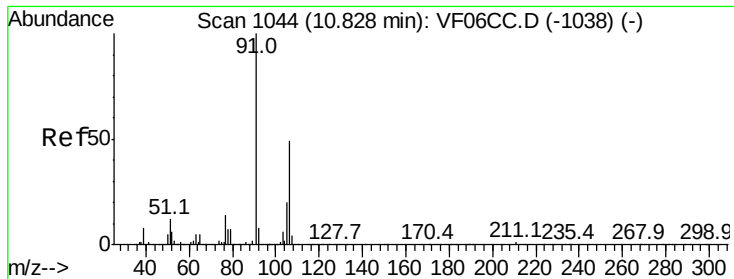
Tgt Ion: 106 Resp: 75

Ion Ratio Lower Upper

106 100

91 141.3 136.2 204.4

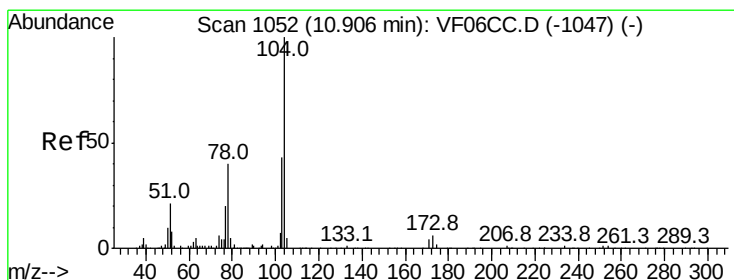
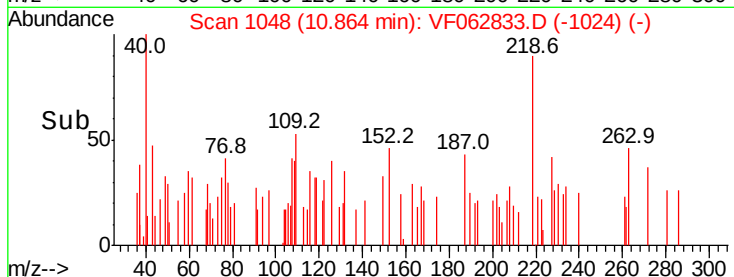
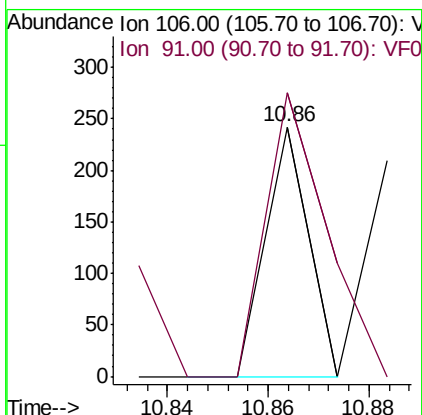
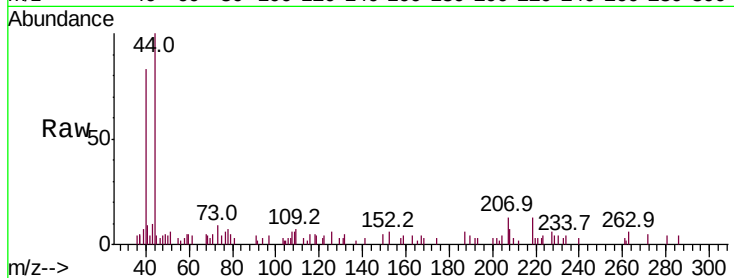




#69
o-Xylene
Concen: 42.348 ug/l
RT: 10.86 min Scan# 1048
Delta R.T. 0.03 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

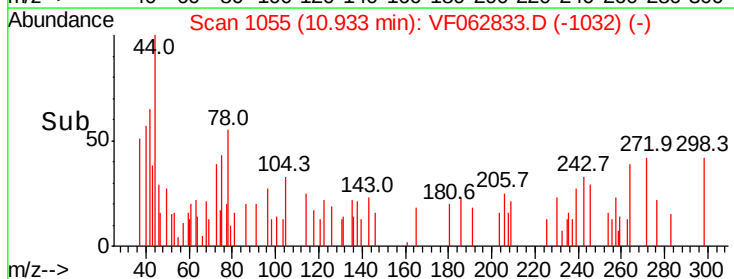
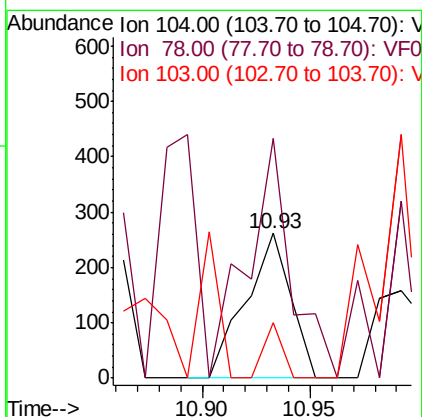
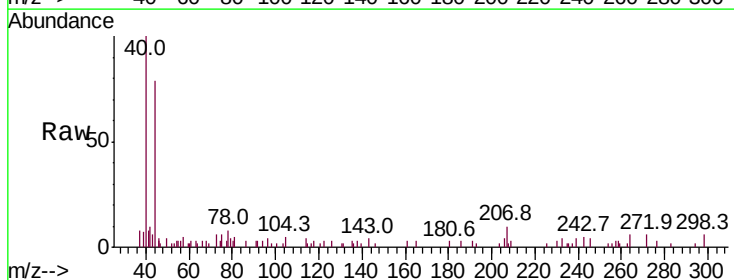
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

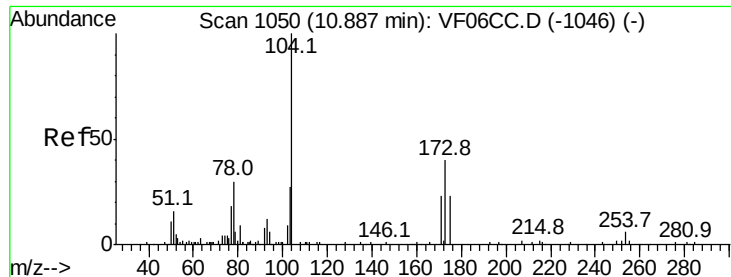
Tot Ion:106 Resp: 143
Ion Ratio Lower Upper
106 100
91 113.6 96.6 289.8



#70
Styrene
Concen: 76.751 ug/l
RT: 10.93 min Scan# 1055
Delta R.T. 0.02 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion:104 Resp: 382
Ion Ratio Lower Upper
104 100
78 165.3 30.8 46.2#
103 38.5 35.8 53.6





#71

Bromoform

Concen: 81.415 ug/l

RT: 10.90 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

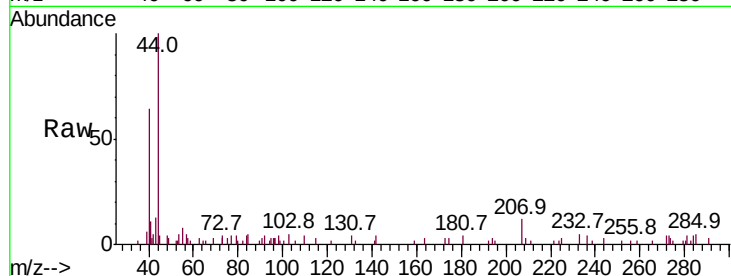
Tot Ion:173 Resp: 79

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

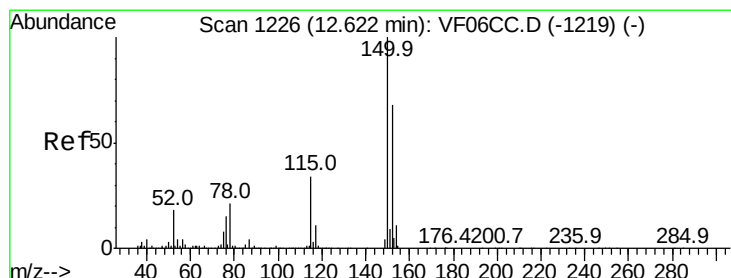
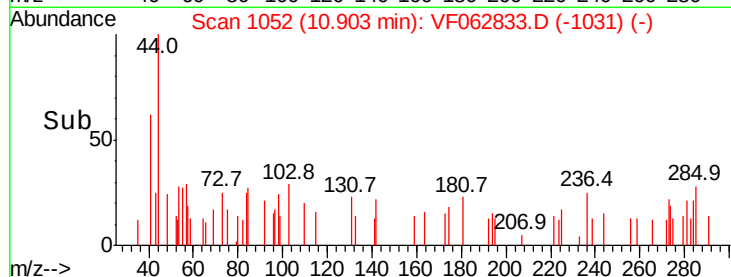
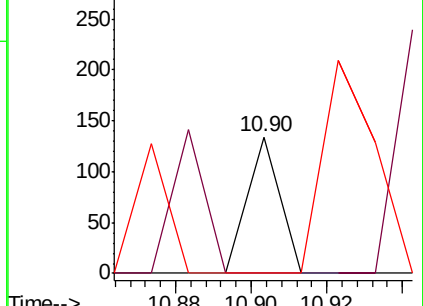
254 0.0 0.1 0.1#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.71 min Scan# 1235

Delta R.T. 0.08 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

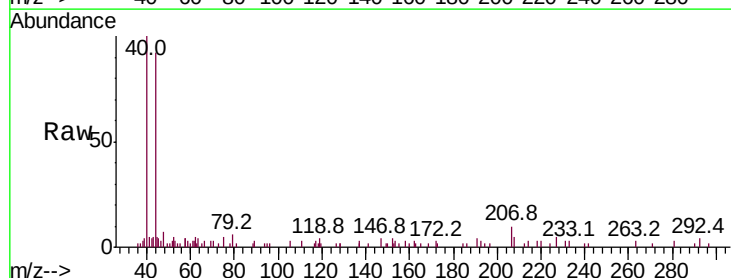
Tgt Ion:152 Resp: 285

Ion Ratio Lower Upper

152 100

115 0.0 24.6 74.0#

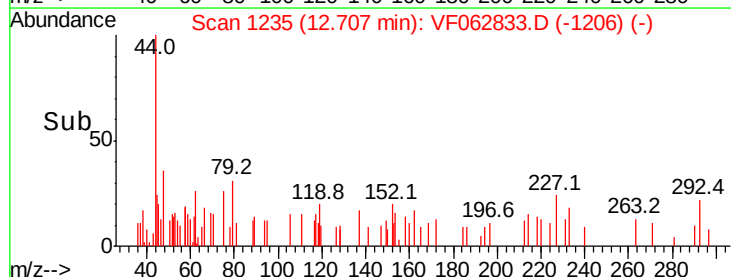
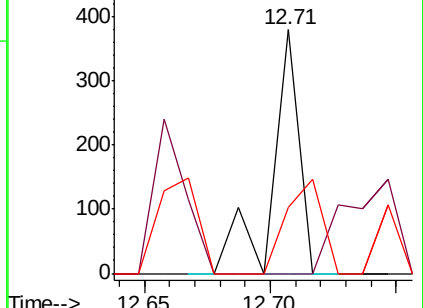
150 27.2 0.0 290.6

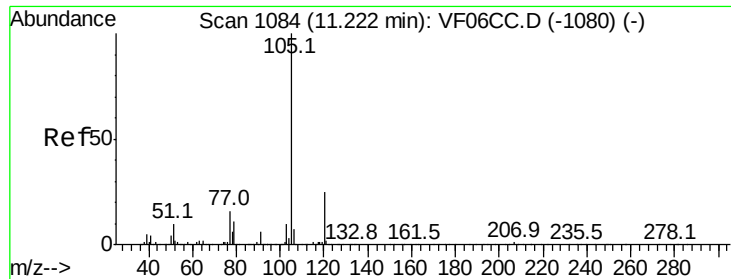


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 3.017 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

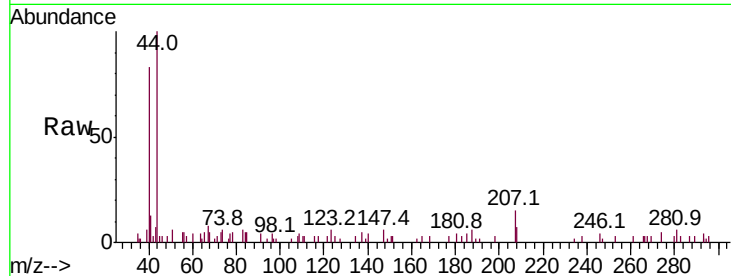
B-09-1.5-2.0RE

Tot Ion:105 Resp: 60

Ion Ratio Lower Upper

105 100

120 0.0 15.1 45.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200

150

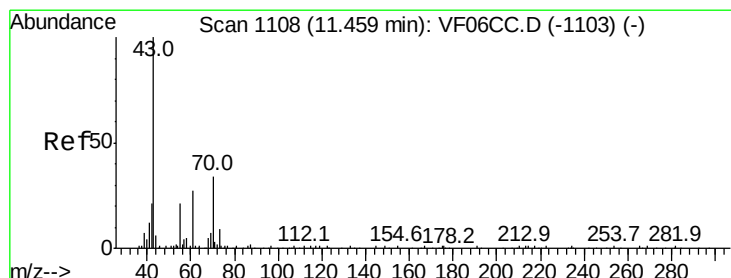
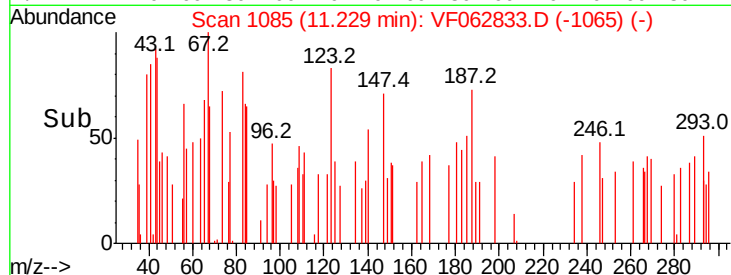
100

50

0

11.20 11.22 11.24 11.26

Time-->



#74

N-ethyl acetate

Concen: 146.839 ug/l

RT: 11.45 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Tgt Ion: 43 Resp: 823

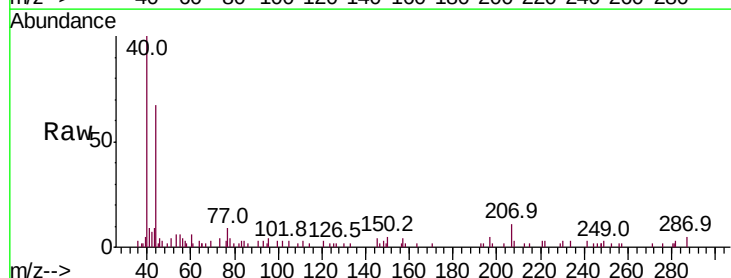
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 65.8 17.3 25.9#

61 20.0 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

800

600

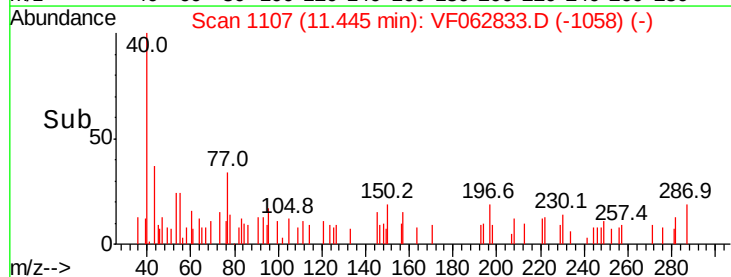
400

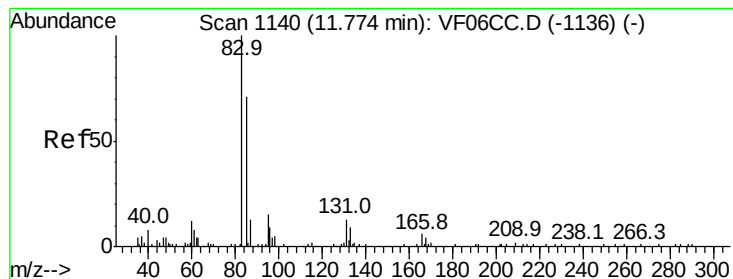
200

0

11.42 11.44 11.46 11.48

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 42.857 ug/l

RT: 11.74 min Scan# 1137

Delta R.T. -0.04 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

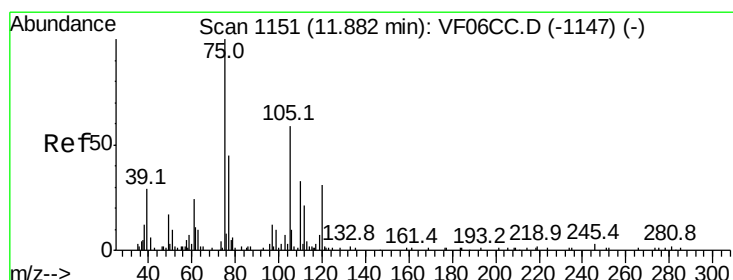
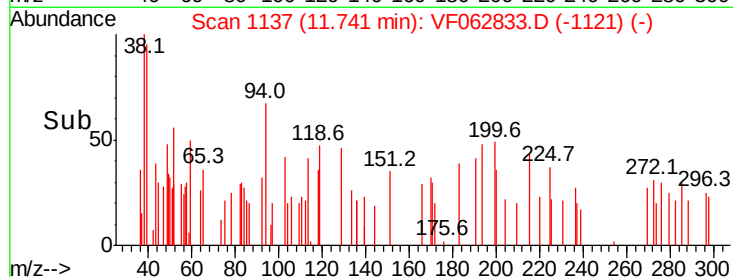
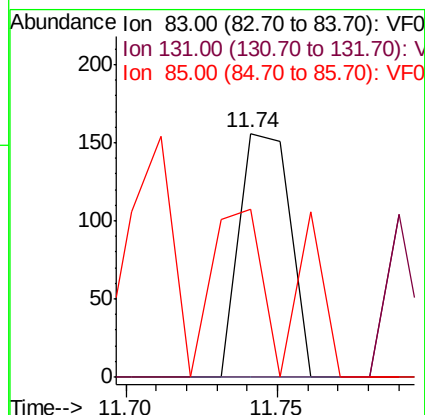
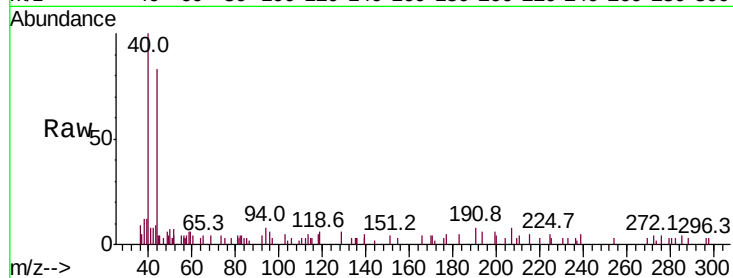
Tot Ion: 83 Resp: 182

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 36.3 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 40.853 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.00 min

Lab File: VF062833.D

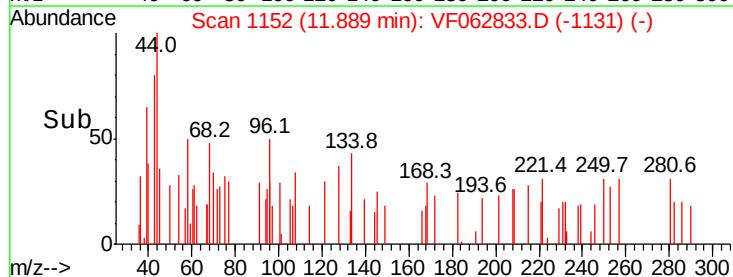
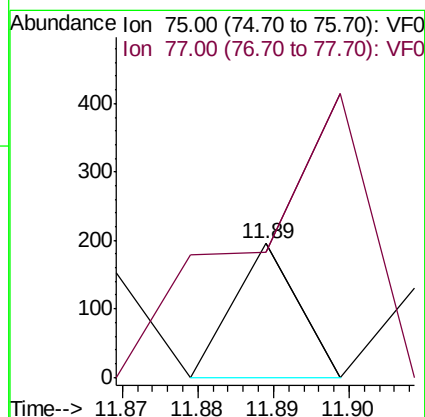
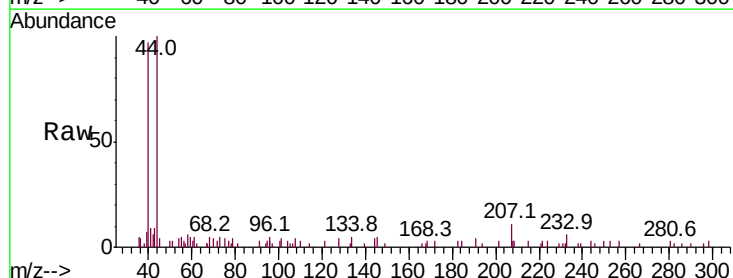
Acq: 3 Jun 2019 17:23

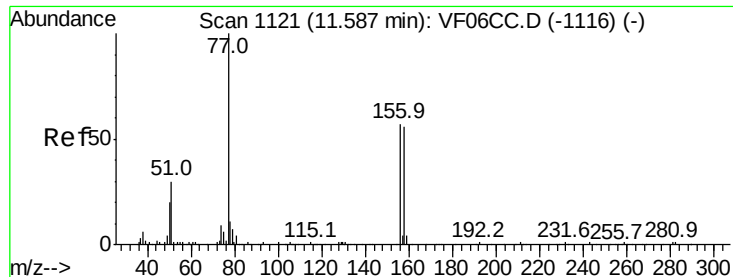
Tgt Ion: 75 Resp: 115

Ion Ratio Lower Upper

75 100

77 93.8 20.1 60.2#





#77

Bromobenzene

Concen: 19.814 ug/l

RT: 11.61 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

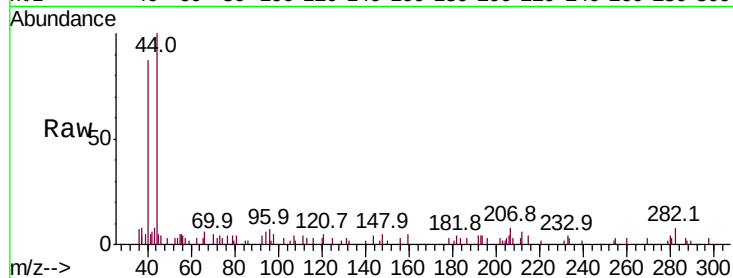
Tot Ion:156 Resp: 99

Ion Ratio Lower Upper

156 100

77 131.1 64.2 192.6

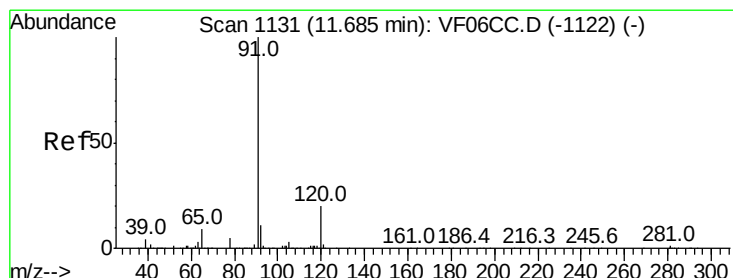
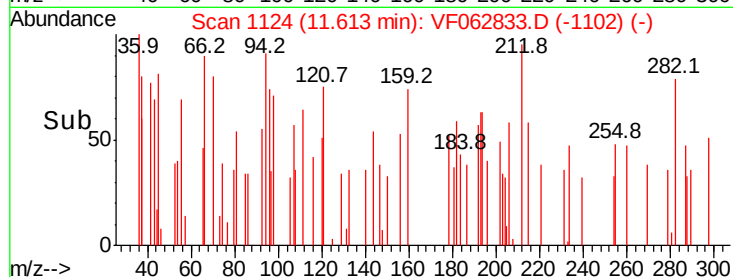
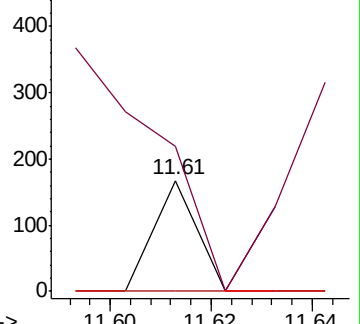
158 0.0 50.3 151.0#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 6.289 ug/l

RT: 11.70 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VF062833.D

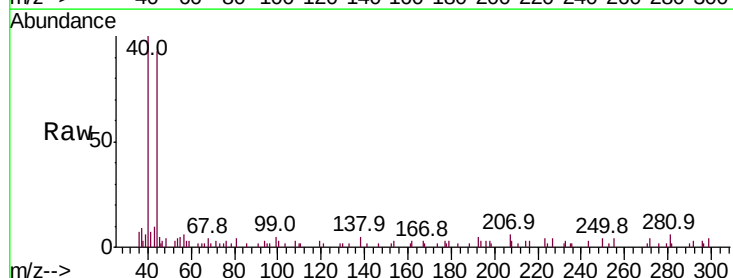
Acq: 3 Jun 2019 17:23

Tgt Ion: 91 Resp: 151

Ion Ratio Lower Upper

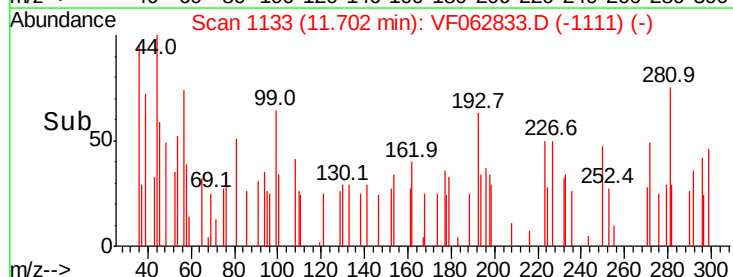
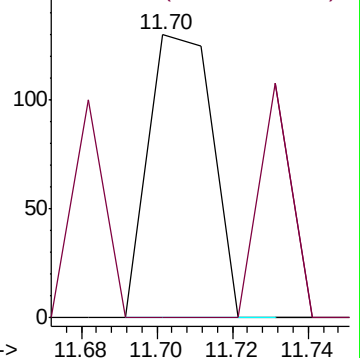
91 100

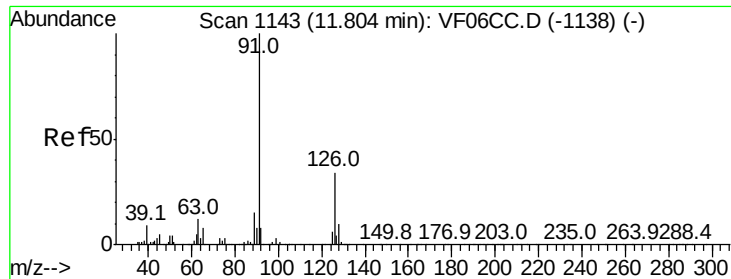
120 0.0 12.8 38.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

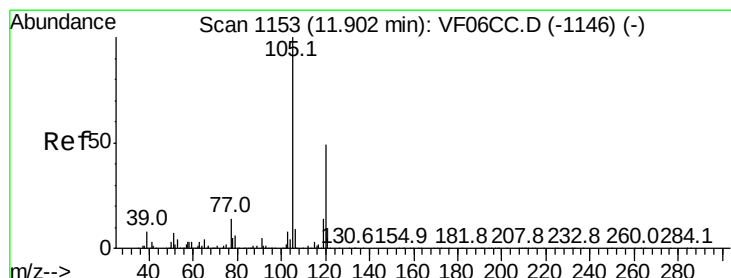
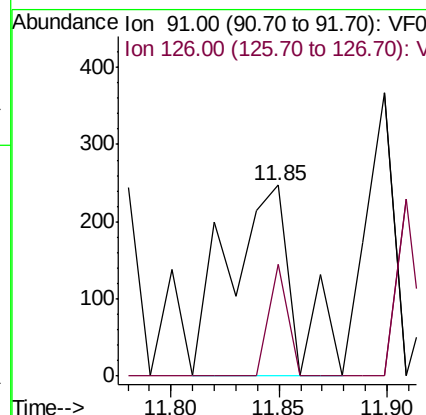
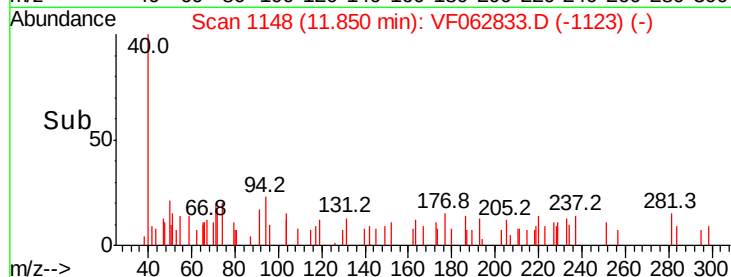
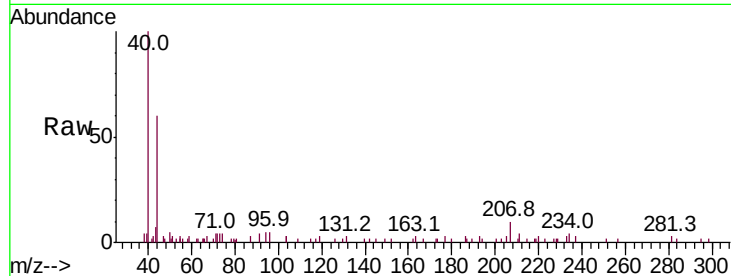




#79
2-Chlorotoluene
Concen: 38.503 ug/l
RT: 11.85 min Scan# 1148
Delta R.T. 0.04 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

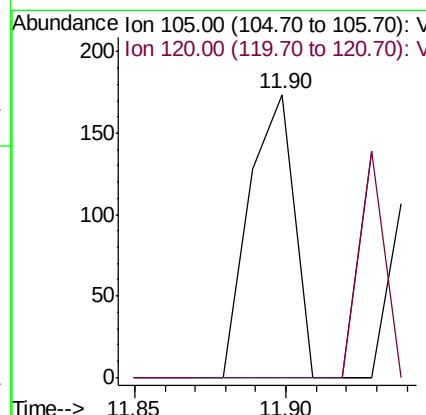
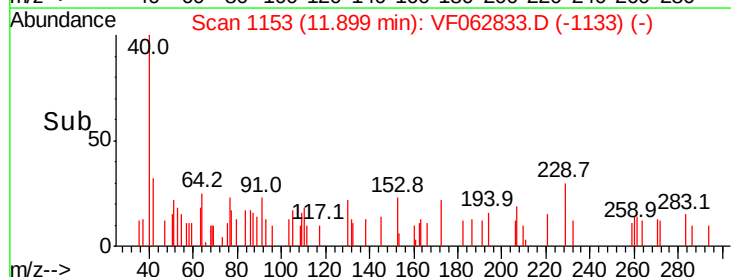
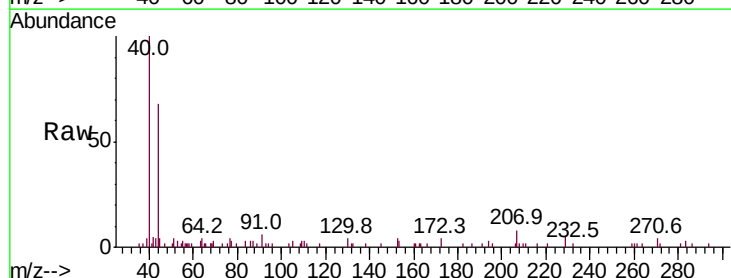
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

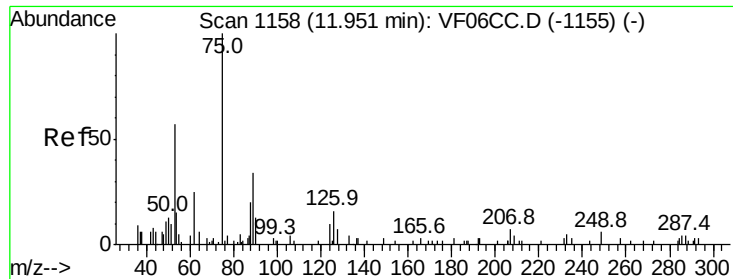
Tot Ion: 91 Resp: 529
Ion Ratio Lower Upper
91 100
126 58.7 17.8 53.3#



#80
1,3,5-Trimethylbenzene
Concen: 11.007 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion: 105 Resp: 179
Ion Ratio Lower Upper
105 100
120 0.0 28.7 86.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 67.127 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.01 min

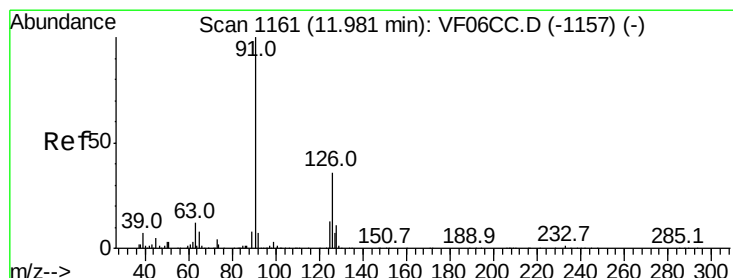
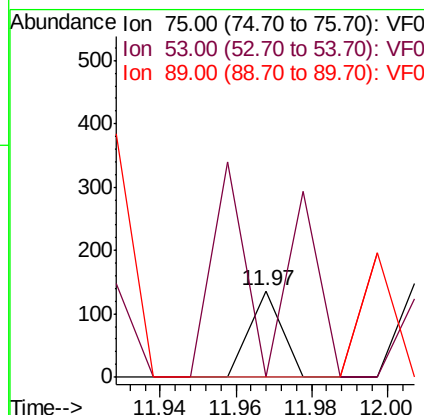
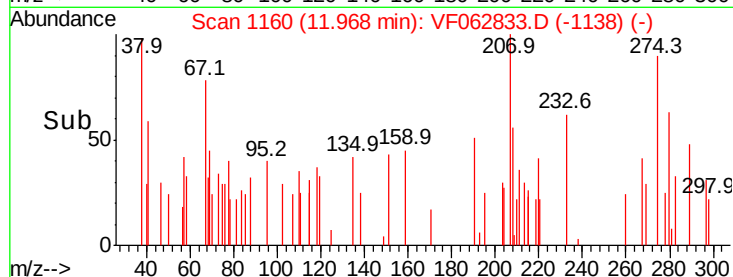
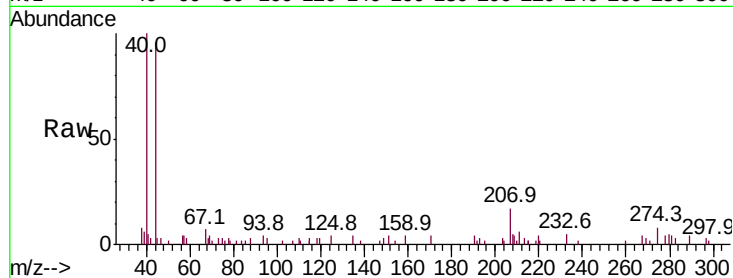
Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

Tot Ion: 75 Resp: 80

Ion	Ratio	Lower	Upper
75	100		
53	0.0	43.5	65.3#
89	0.0	34.3	51.5#



#82

4-Chlorotoluene

Concen: 44.216 ug/l

RT: 12.03 min Scan# 1166

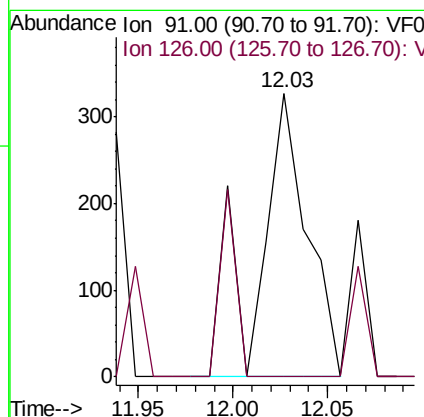
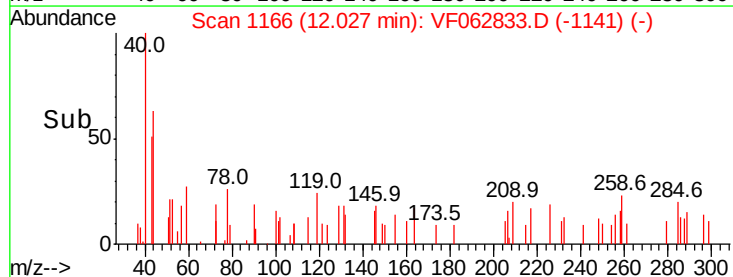
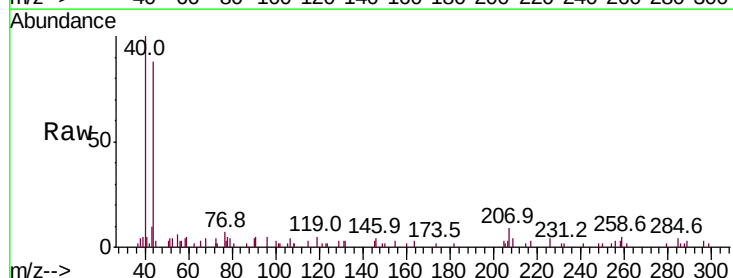
Delta R.T. 0.04 min

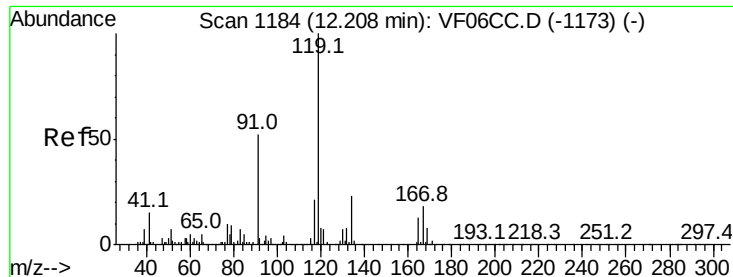
Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Tgt Ion: 91 Resp: 597

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.1	57.1#

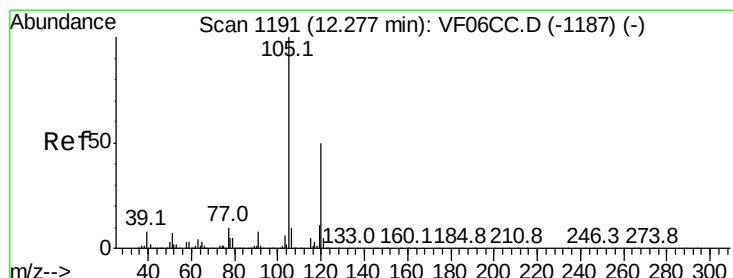
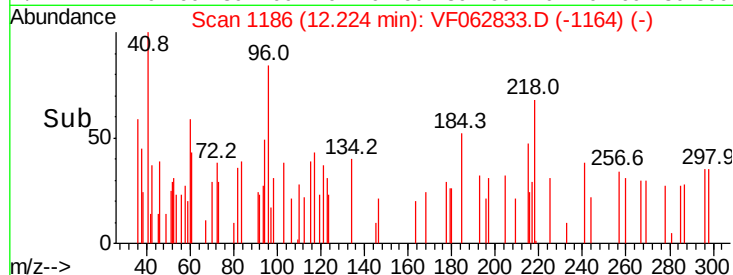
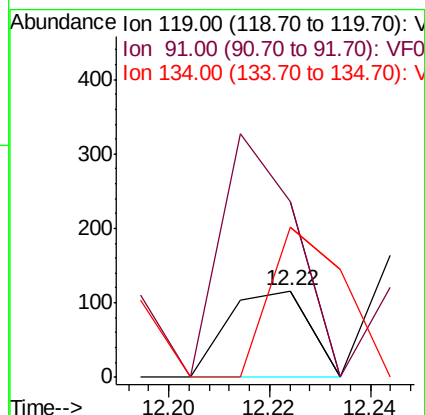
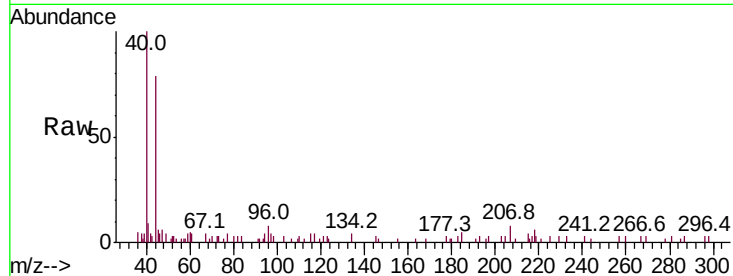




#83
tert-Butylbenzene
Concen: 8.067 ug/l
RT: 12.22 min Scan# 1186
Delta R.T. 0.01 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

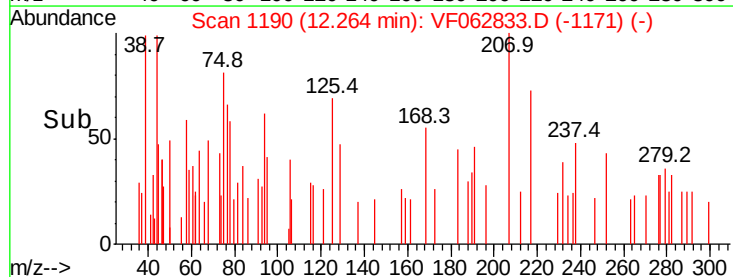
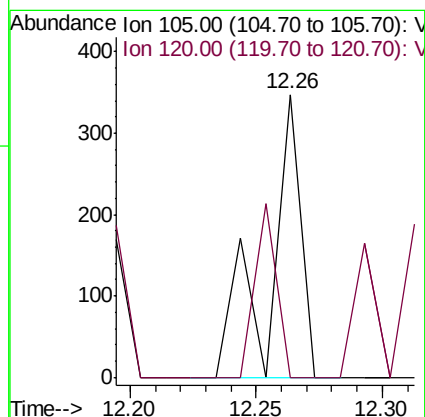
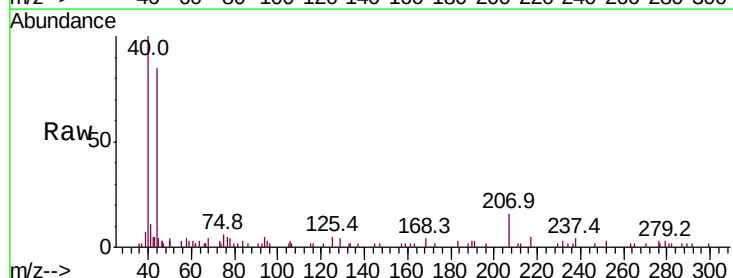
Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

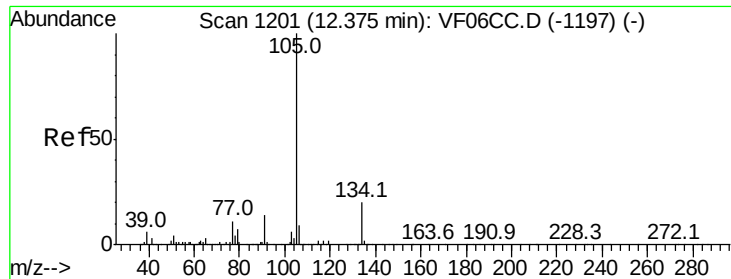
Tot Ion:119 Resp: 130
Ion Ratio Lower Upper
119 100
91 203.4 28.9 86.7#
134 174.1 14.3 42.9#



#84
1,2,4-Trimethylbenzene
Concen: 19.910 ug/l
RT: 12.26 min Scan# 1190
Delta R.T. -0.02 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion:105 Resp: 307
Ion Ratio Lower Upper
105 100
120 0.0 27.1 81.3#

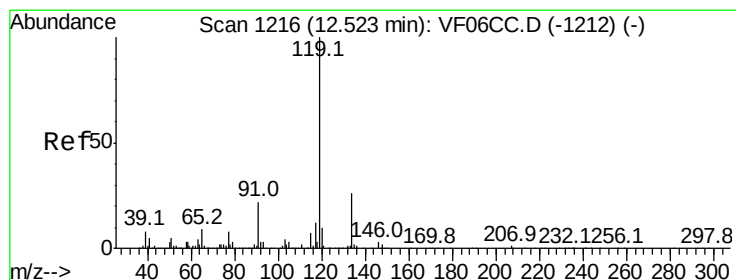
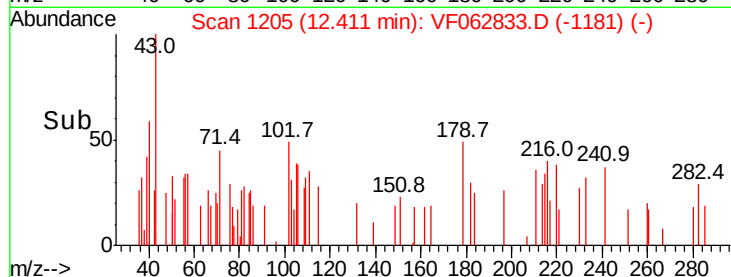
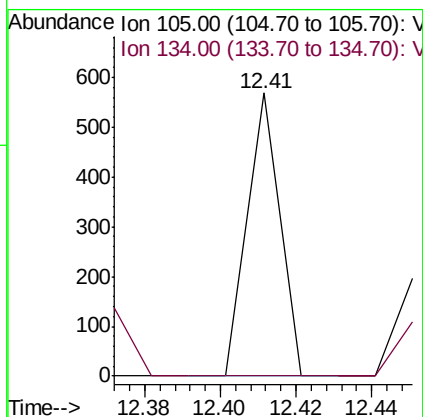
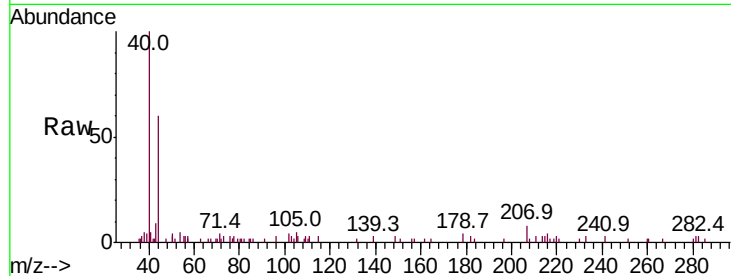




#85
 sec-Butylbenzene
 Concen: 15.824 ug/l
 RT: 12.41 min Scan# 1205
 Delta R.T. 0.03 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

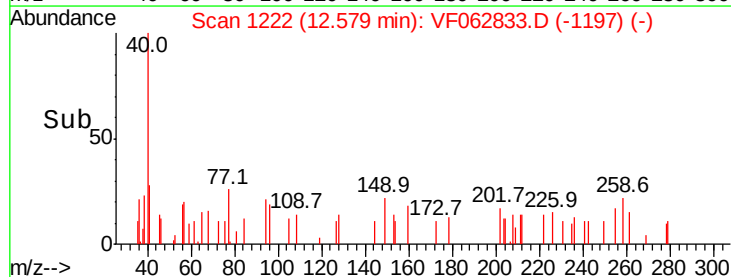
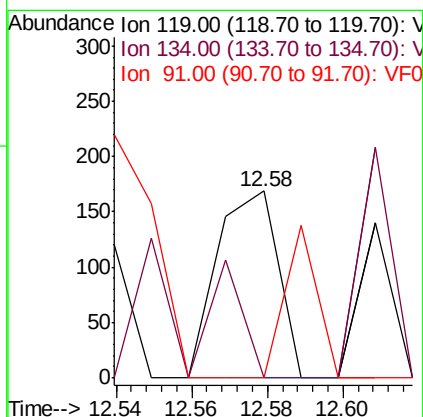
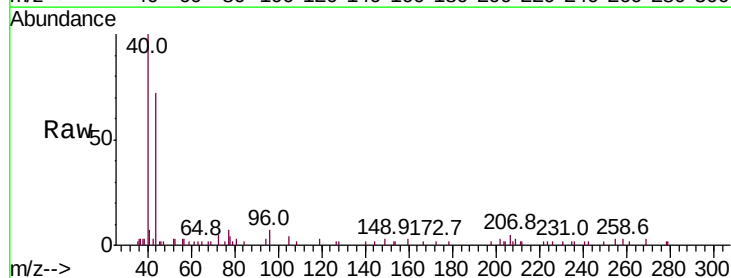
Instrument :
 MSVOA_F
 ClientSampleId :
 B-09-1.5-2.0RE

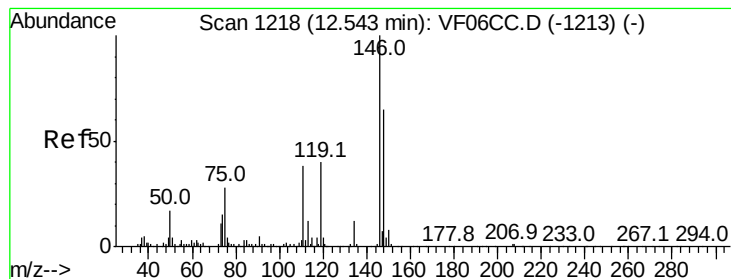
Tot Ion:105 Resp: 336
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.6#



#86
 p-Isopropyltoluene
 Concen: 10.524 ug/l
 RT: 12.58 min Scan# 1222
 Delta R.T. 0.04 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

Tgt Ion:119 Resp: 186
 Ion Ratio Lower Upper
 119 100
 134 0.0 15.5 46.5#
 91 0.0 10.3 30.9#





#87

1,3-Dichlorobenzene

Concen: 10.213 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

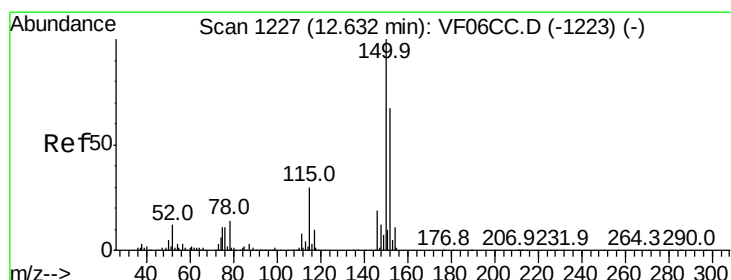
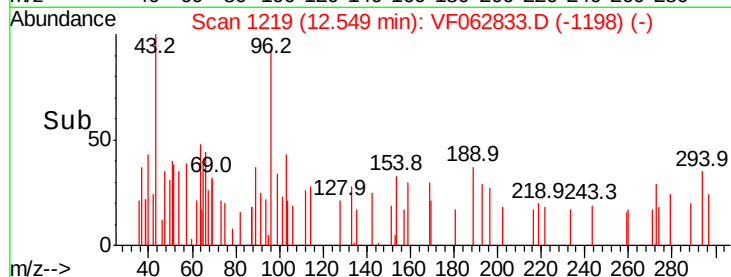
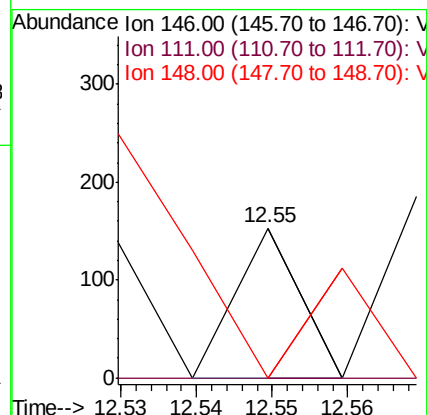
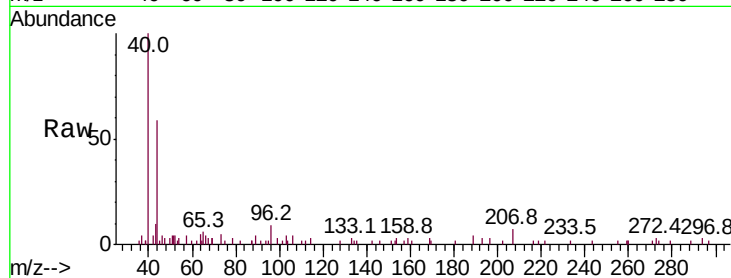
Tot Ion:146 Resp: 90

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.8#

148 0.0 34.2 102.5#



#88

1,4-Dichlorobenzene

Concen: 9.363 ug/l

RT: 12.69 min Scan# 1233

Delta R.T. 0.05 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

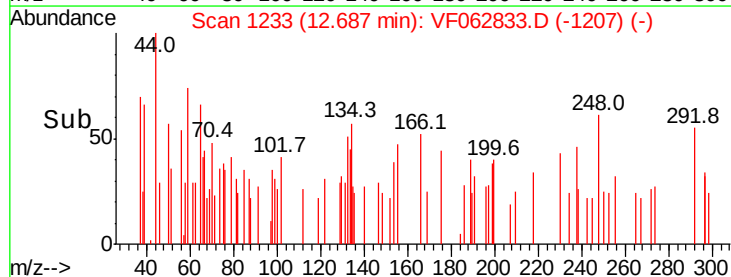
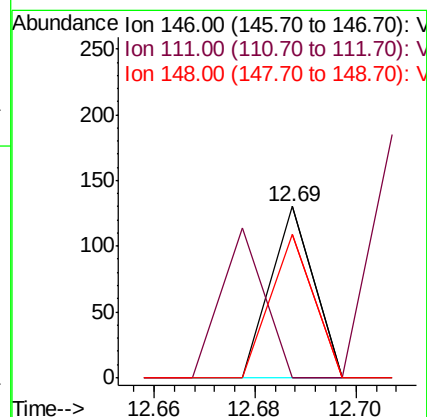
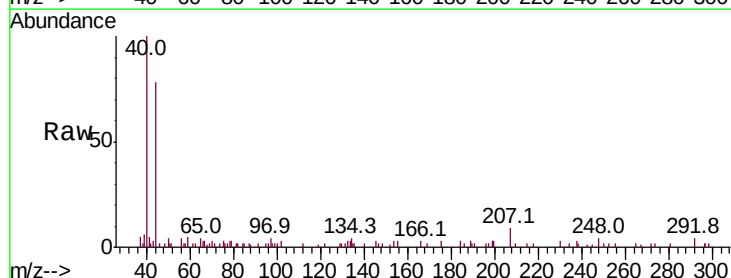
Tgt Ion:146 Resp: 77

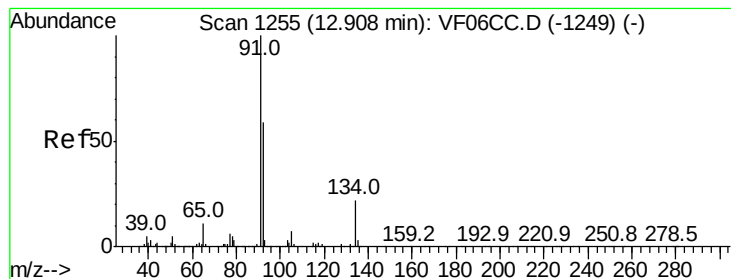
Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.9#

148 83.8 34.0 101.8





#89

n-Butylbenzene

Concen: 9.899 ug/l

RT: 12.89 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

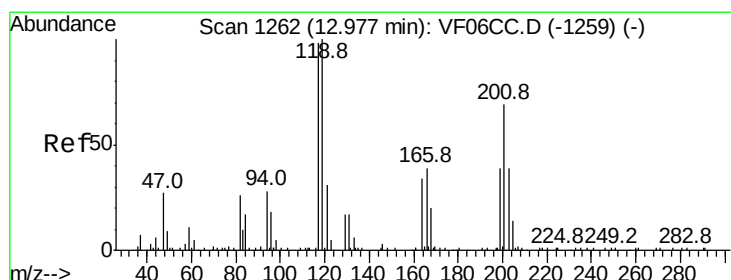
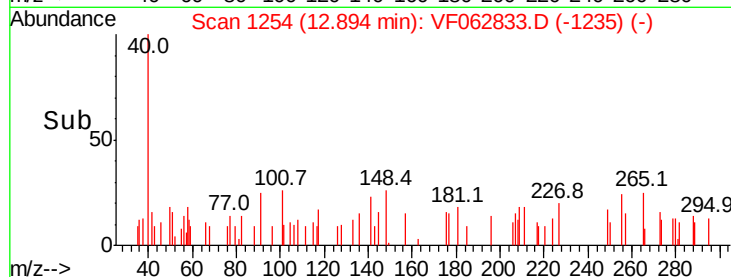
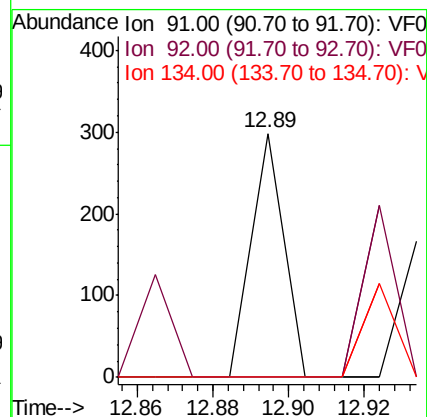
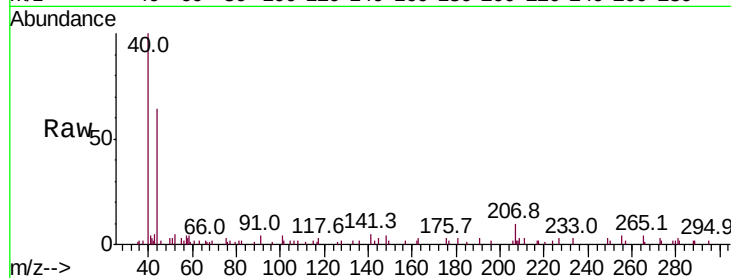
Tot Ion: 91 Resp: 176

Ion Ratio Lower Upper

91 100

92 0.0 34.2 102.6#

134 0.0 15.8 47.3#



#90

Hexachloroethane

Concen: 19.951 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VF062833.D

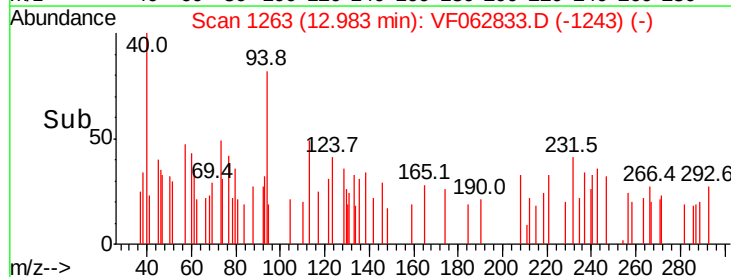
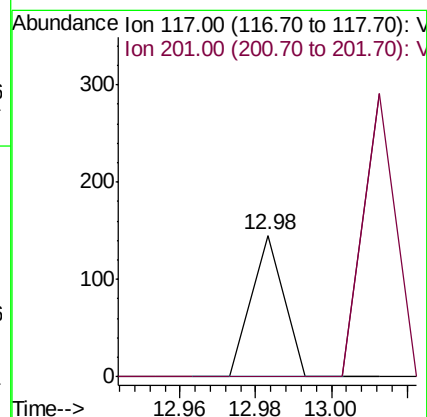
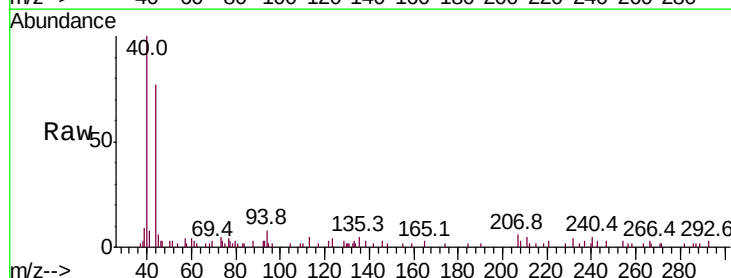
Acq: 3 Jun 2019 17:23

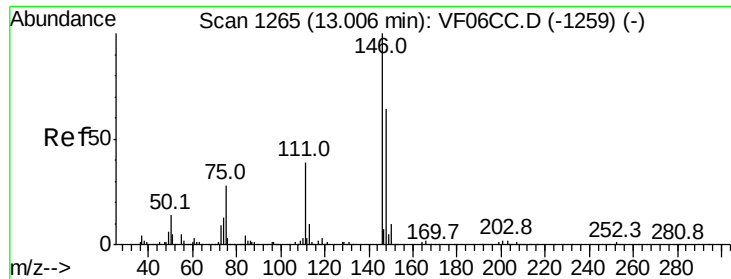
Tgt Ion: 117 Resp: 86

Ion Ratio Lower Upper

117 100

201 0.0 38.9 116.7#





#91

1,2-Dichlorobenzene

Concen: 12.007 ug/l

RT: 13.06 min Scan# 1271

Delta R.T. 0.05 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

B-09-1.5-2.0RE

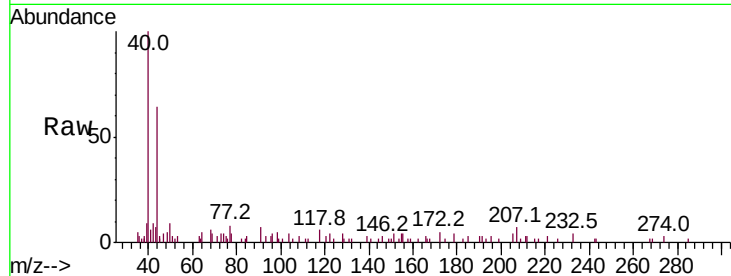
Tot Ion:146 Resp: 93

Ion Ratio Lower Upper

146 100

111 91.1 20.4 61.3#

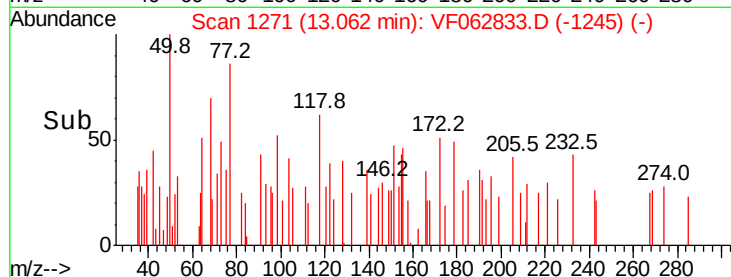
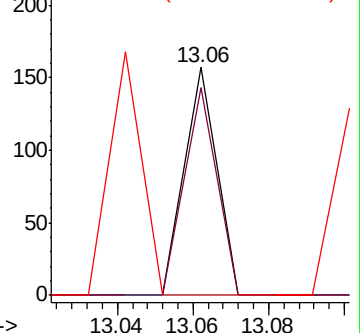
148 0.0 34.1 102.3#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 434.437 ug/l

RT: 13.68 min Scan# 1334

Delta R.T. -0.02 min

Lab File: VF062833.D

Acq: 3 Jun 2019 17:23

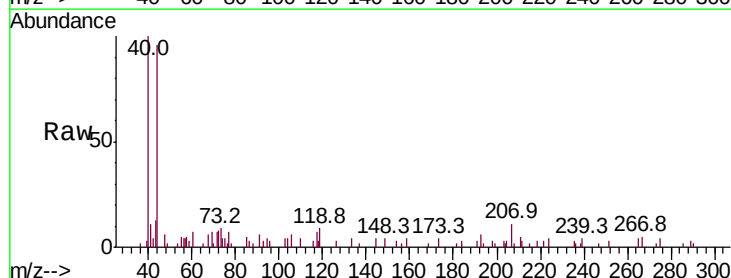
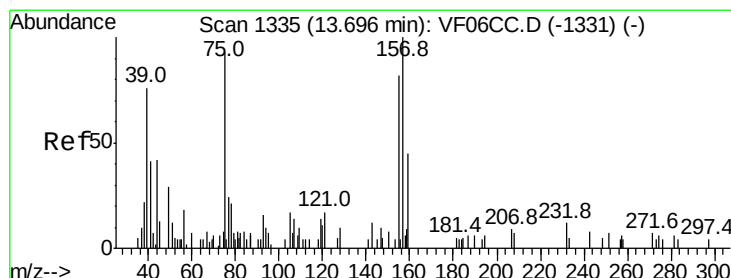
Tgt Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.1#

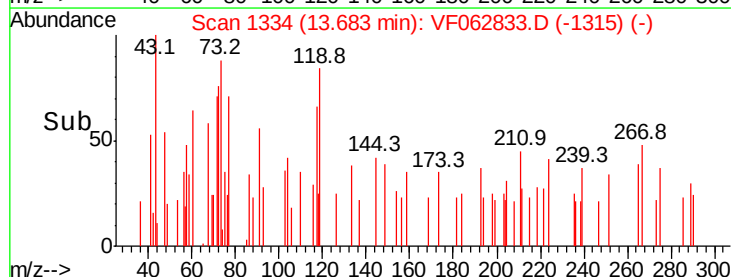
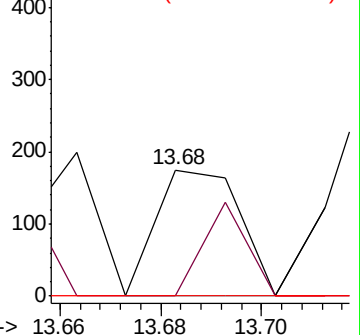
157 0.0 66.8 200.6#

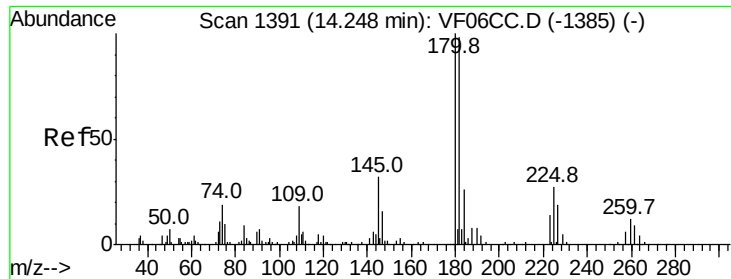


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

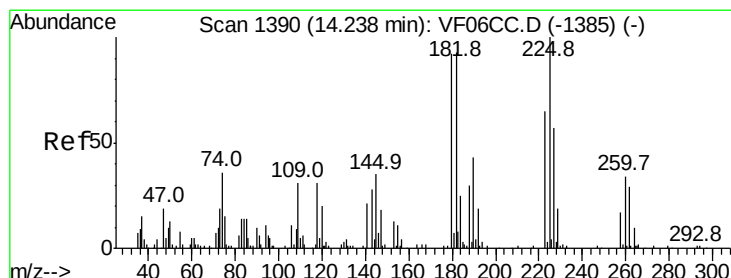
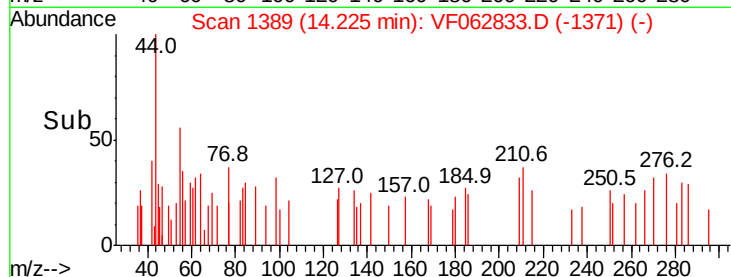
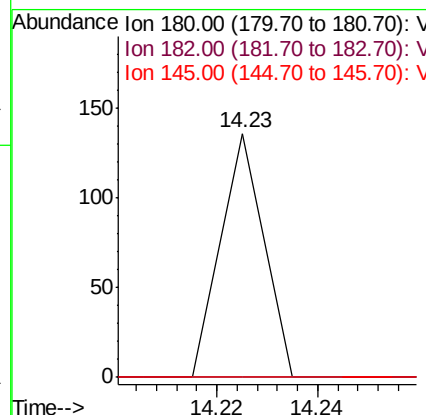
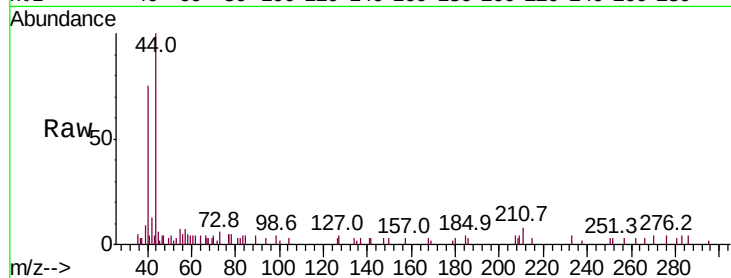




#93
 1,2,4-Trichlorobenzene
 Concen: 15.043 ug/l
 RT: 14.23 min Scan# 1389
 Delta R.T. -0.03 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

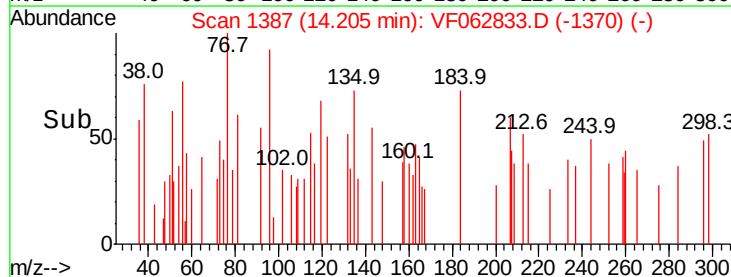
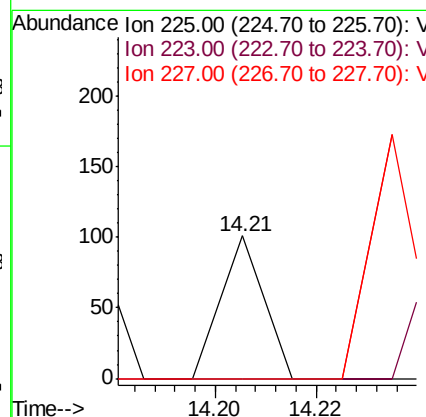
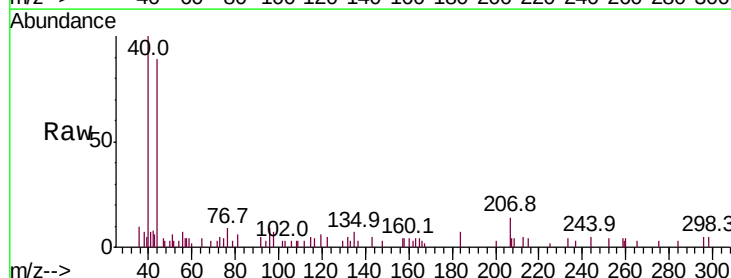
Instrument :
 MSVOA_F
 ClientSampleId :
 B-09-1.5-2.0RE

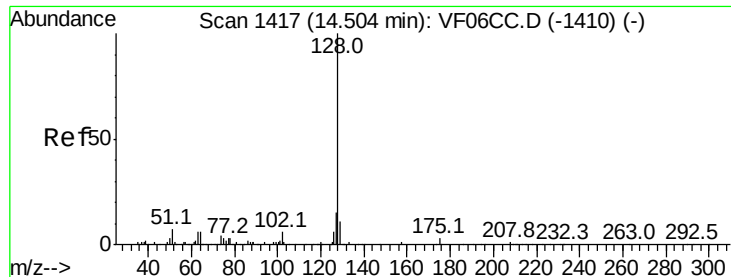
Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	50.3	150.9#
145	0.0	15.4	46.2#



#94
 Hexachlorobutadiene
 Concen: 16.309 ug/l
 RT: 14.21 min Scan# 1387
 Delta R.T. -0.03 min
 Lab File: VF062833.D
 Acq: 3 Jun 2019 17:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.8	92.4#
227	0.0	31.9	95.5#

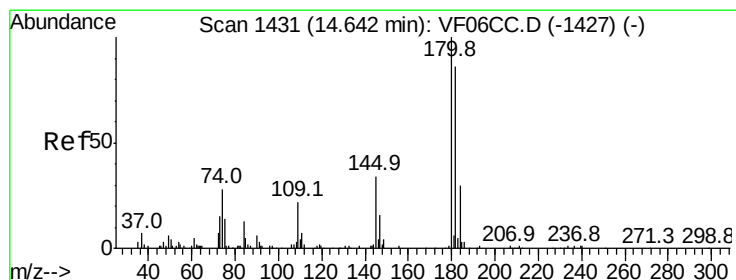
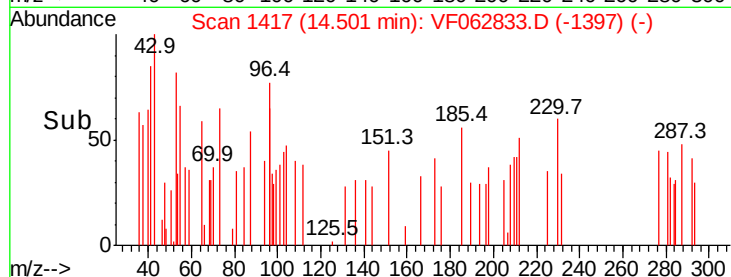
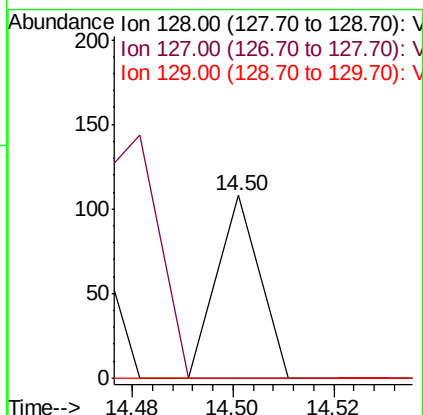
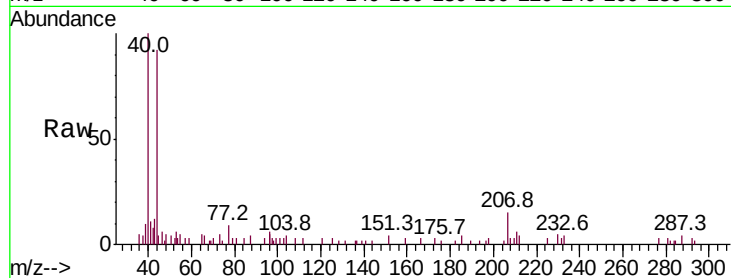




#95
Naphthalene
Concen: 7.346 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Instrument :
MSVOA_F
ClientSampleId :
B-09-1.5-2.0RE

Tot Ion:128 Resp: 64
Ion Ratio Lower Upper
128 100
127 0.0 9.7 14.5#
129 0.0 9.4 14.2#



#96
1,2,3-Trichlorobenzene
Concen: 15.656 ug/l
RT: 14.57 min Scan# 1424
Delta R.T. -0.07 min
Lab File: VF062833.D
Acq: 3 Jun 2019 17:23

Tgt Ion:180 Resp: 76
Ion Ratio Lower Upper
180 100
182 90.6 48.6 145.9
145 0.0 15.7 47.0#

