

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062848.D
 Acq On : 4 Jun 2019 19:33
 Operator : FY/SY
 Sample : K3182-01
 Misc : 5.08g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-06-2.5-3.0

Quant Time: Jun 05 05:23:50 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	5.08	168	1056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.00	114	62	50.00	ug/l	0.20
63) Chlorobenzene-d5	10.29	117	93	50.00	ug/l	0.36
72) 1,4-Dichlorobenzene-d4	12.64	152	160	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	748	102.43	ug/l	0.00
Spiked Amount						
			Recovery	=	204.86%	
35) Dibromofluoromethane	4.48	113	287	612.59	ug/l	0.14
Spiked Amount						
			Recovery	=	1225.18%	
50) Toluene-d8	7.98	98	160	135.05	ug/l	0.25
Spiked Amount						
			Recovery	=	270.10%	
62) 4-Bromofluorobenzene	11.91	95	403	945.64	ug/l	0.40
Spiked Amount						
			Recovery	=	1891.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	77	2.339	ug/l #	39
3) Chloromethane	1.17	50	681	62.325	ug/l	95
4) Vinyl Chloride	1.18	62	667	61.429	ug/l #	42
5) Bromomethane	1.37	94	404	65.242	ug/l	97
6) Chloroethane	1.46	64	725	178.585	ug/l #	87
7) Trichlorofluoromethane	1.61	101	353	22.965	ug/l #	16
8) Diethyl Ether	1.69	74	224	74.069	ug/l	67
9) 1,1,2-Trichlorotrifluoroet	1.95	101	177	18.315	ug/l #	40
10) Methyl Iodide	2.03	142	67	3.458	ug/l #	36
11) Tert butyl alcohol	2.73	59	310	700.776	ug/l #	6
12) 1,1-Dichloroethene	1.86	96	777	88.543	ug/l #	1
13) Acrolein	2.15	56	218	1266.856	ug/l #	1
14) Allyl chloride	2.21	41	436	64.043	ug/l #	32
15) Acrylonitrile	3.14	53	364	218.983	ug/l #	58
16) Acetone	2.34	43	519	310.530	ug/l	99
17) Carbon Disulfide	1.88	76	258	10.059	ug/l #	34
18) Methyl Acetate	2.43	43	701	240.016	ug/l	96
19) Methyl tert-butyl Ether	2.54	73	967	60.823	ug/l #	76
20) Methylene Chloride	2.36	84	315	36.852	ug/l #	66
21) trans-1,2-Dichloroethene	2.43	96	1219	138.543	ug/l #	24
22) Diisopropyl ether	2.94	45	768	39.707	ug/l #	1
23) Vinyl Acetate	3.38	43	859	64.871	ug/l #	73
24) 1,1-Dichloroethane	3.05	63	580	40.162	ug/l #	62
25) 2-Butanone	4.51	43	627	161.093	ug/l #	48
26) 2,2-Dichloropropane	3.70	77	521	63.537	ug/l	92
27) cis-1,2-Dichloroethene	3.71	96	354	23.935	ug/l	5
28) Bromochloromethane	3.94	49	158	20.113	ug/l #	3
29) Tetrahydrofuran	4.29	42	652	437.983	ug/l #	49
30) Chloroform	4.16	83	638	31.346	ug/l	89
31) Cyclohexane	3.88	56	1027	52.527	ug/l #	13
32) 1,1,1-Trichloroethane	4.42	97	168	14.177	ug/l	85
36) 1,1-Dichloropropene	4.70	75	242	423.991	ug/l	81
37) Ethyl Acetate	4.48	43	476	2181.646	ug/l #	63
38) Carbon Tetrachloride	4.33	117	66	171.097	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.84	83	381	536.337	ug/l #	85
40) Benzene	5.02	78	474	285.346	ug/l #	66
41) Methacrylonitrile	5.16	41	586	4831.276	ug/l #	48
42) 1,2-Dichloroethane	5.31	62	297	940.064	ug/l	69
43) Isopropyl Acetate	7.38	43	648	2248.259	ug/l #	81
44) Trichloroethene	5.95	130	60	127.983	ug/l	72
45) 1,2-Dichloropropane	6.67	63	287	688.487	ug/l #	1
46) Dibromomethane	6.49	93	112	460.188	ug/l #	28
47) Bromodichloromethane	6.83	83	519	1047.095	ug/l #	23
48) Methyl methacrylate	7.14	41	994	6691.800	ug/l #	64
49) 1,4-Dioxane	7.10	88	134	68439.830	ug/l #	7
51) 4-Methyl-2-Pentanone	8.71	43	1231	5982.290	ug/l	88
52) Toluene	8.08	92	73	81.591	ug/l #	59
53) t-1,3-Dichloropropene	8.86	75	194	472.336	ug/l	90
54) cis-1,3-Dichloropropene	7.75	75	193	324.625	ug/l #	1
55) 1,1,2-Trichloroethane	8.95	97	170	636.006	ug/l #	18
56) Ethyl methacrylate	9.09	69	273	951.890	ug/l #	1
57) 1,3-Dichloropropane	9.32	76	437	1001.161	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.74	63	90	897.912	ug/l #	51
59) 2-Hexanone	9.86	43	345	2352.233	ug/l	83
60) Dibromochloromethane	9.12	129	78	235.703	ug/l	75
61) 1,2-Dibromoethane	9.46	107	358	1289.629	ug/l #	38
64) Tetrachloroethene	8.30	164	75	104.947	ug/l #	1
65) Chlorobenzene	9.95	112	76	42.317	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.04	131	161	225.093	ug/l	79
67) Ethyl Benzene	10.07	91	140	45.426	ug/l #	42
68) m/p-Xylenes	10.30	106	303	256.919	ug/l #	1
69) o-Xylene	10.81	106	83	69.511	ug/l	40
70) Styrene	10.89	104	63	35.796	ug/l #	1
71) Bromoform	10.92	173	108	314.755	ug/l #	28
73) Isopropylbenzene	11.22	105	273	24.453	ug/l #	44
74) N-amyl acetate	11.47	43	1134	360.396	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	11.79	83	461	193.362	ug/l #	14
76) 1,2,3-Trichloropropane	11.71	75	457	289.179	ug/l	95
77) Bromobenzene	11.71	156	108	38.501	ug/l	71
78) n-propylbenzene	11.68	91	151	11.202	ug/l #	1
79) 2-Chlorotoluene	11.79	91	277	35.913	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.89	105	253	27.711	ug/l #	22
81) trans-1,4-Dichloro-2-buten	11.97	75	502	750.301	ug/l #	83
82) 4-Chlorotoluene	12.08	91	386	50.923	ug/l	76
83) tert-Butylbenzene	12.19	119	466	51.511	ug/l #	15
84) 1,2,4-Trimethylbenzene	12.29	105	72	8.318	ug/l #	24
85) sec-Butylbenzene	12.37	105	310	26.005	ug/l #	55
86) p-Isopropyltoluene	12.55	119	149	15.017	ug/l #	71
87) 1,3-Dichlorobenzene	12.54	146	213	43.056	ug/l #	23
88) 1,4-Dichlorobenzene	12.60	146	70	15.162	ug/l #	23
89) n-Butylbenzene	12.92	91	134	13.425	ug/l #	24
90) Hexachloroethane	13.04	117	128	52.893	ug/l #	10
91) 1,2-Dichlorobenzene	13.01	146	213	48.985	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.72	75	98	377.296	ug/l #	52

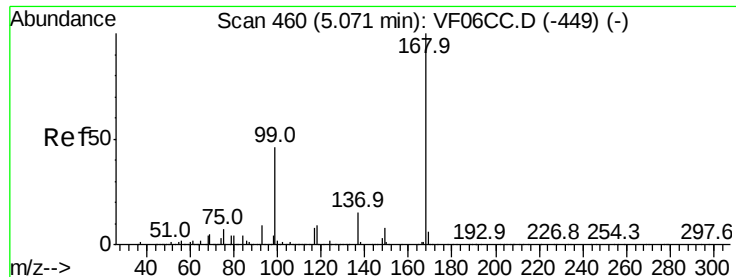
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	211	70.674	ug/l #	10
94) Hexachlorobutadiene	14.21	225	82	39.701	ug/l #	19
95) Naphthalene	14.52	128	185	37.823	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.69	180	72	26.419	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

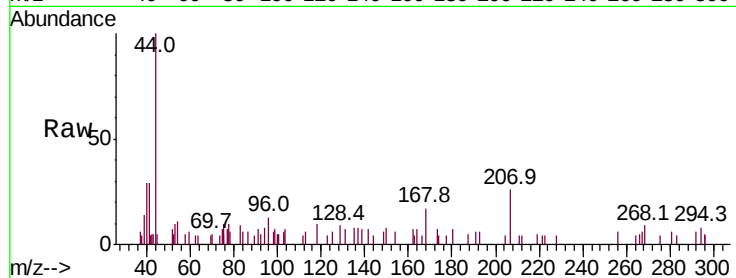
B-06-2.5-3.0

Tot Ion:168 Resp: 1056

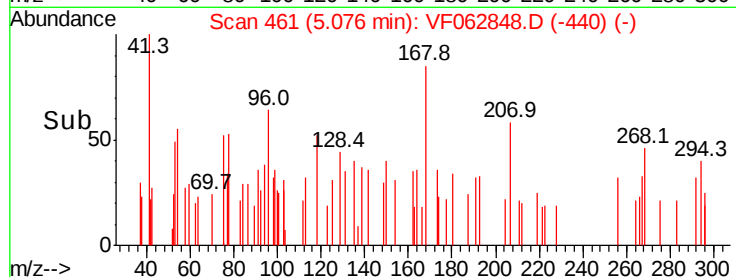
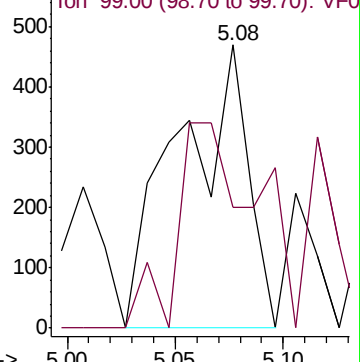
Ion Ratio Lower Upper

168 100

99 72.5 39.1 58.7#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 2.339 ug/l

RT: 0.99 min Scan# 46

Delta R.T. -0.03 min

Lab File: VF062848.D

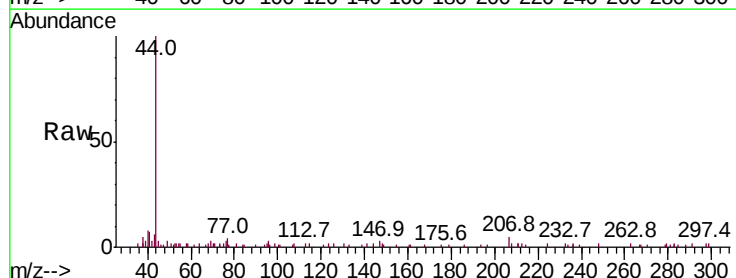
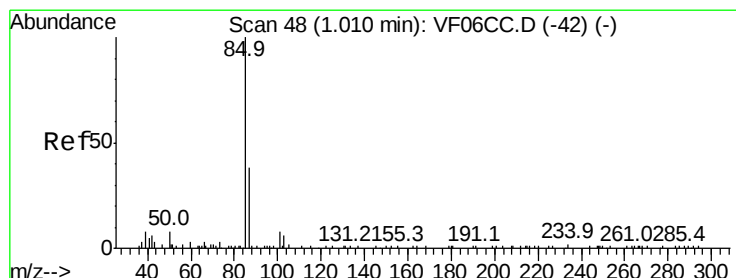
Acq: 4 Jun 2019 19:33

Tgt Ion: 85 Resp: 77

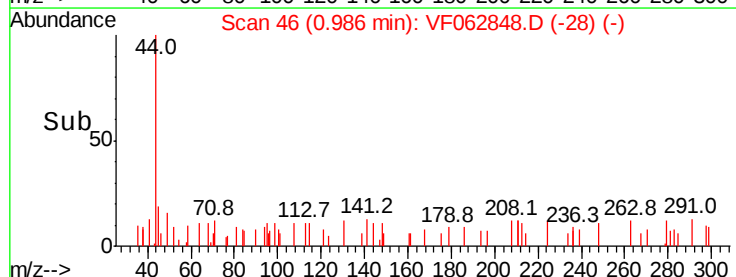
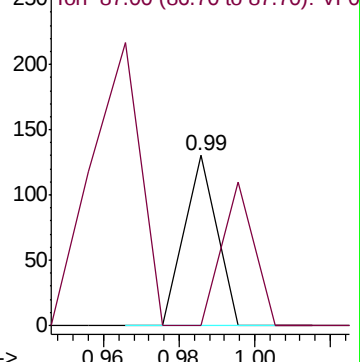
Ion Ratio Lower Upper

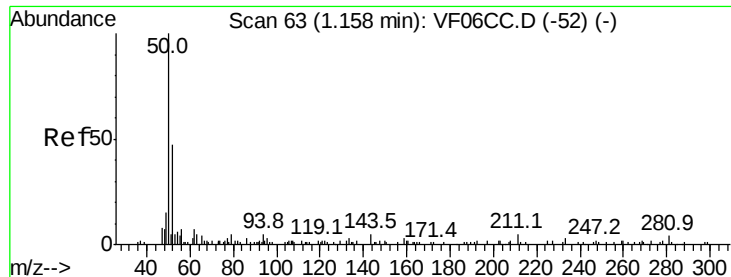
85 100

87 0.0 17.6 52.9#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 62.325 ug/l

RT: 1.17 min Scan# 65

Delta R.T. 0.02 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

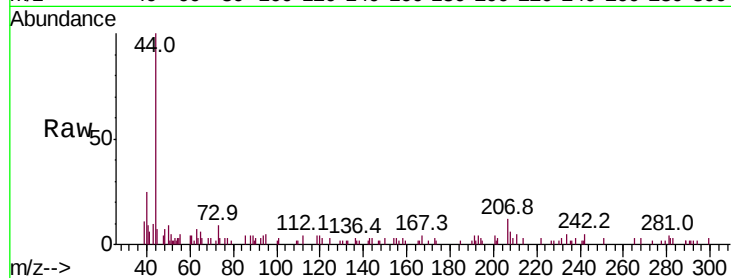
B-06-2.5-3.0

Tot Ion: 50 Resp: 681

Ion Ratio Lower Upper

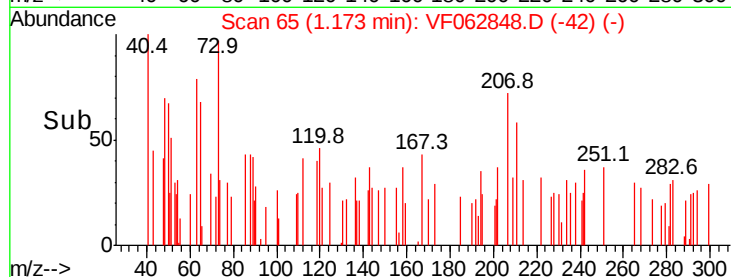
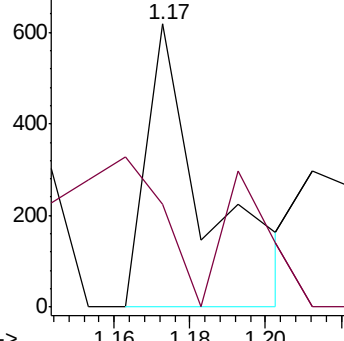
50 100

52 36.4 27.0 40.4

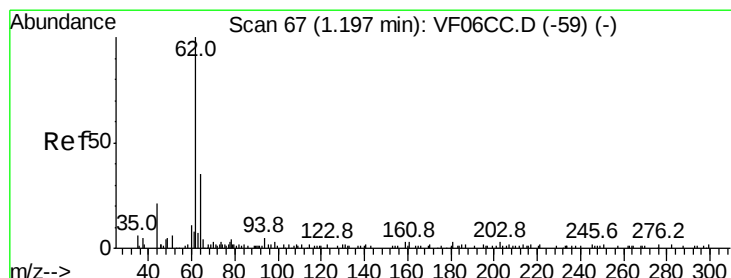


Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->



#4

Vinyl Chloride

Concen: 61.429 ug/l

RT: 1.18 min Scan# 66

Delta R.T. -0.02 min

Lab File: VF062848.D

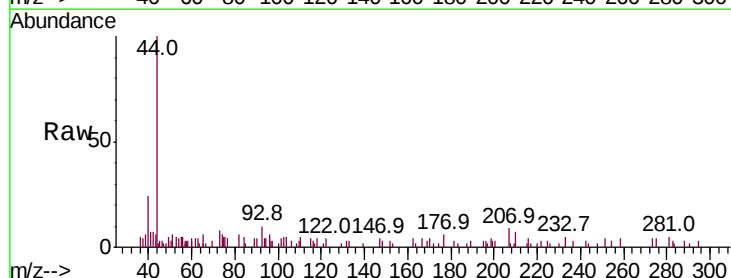
Acq: 4 Jun 2019 19:33

Tgt Ion: 62 Resp: 667

Ion Ratio Lower Upper

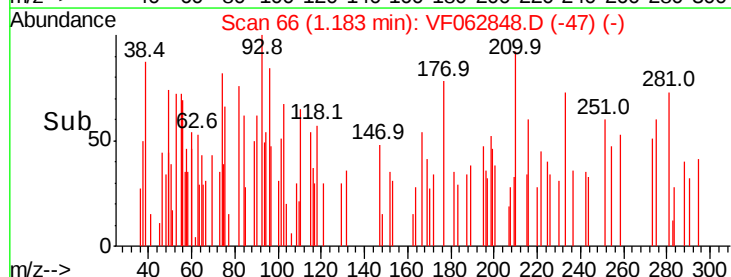
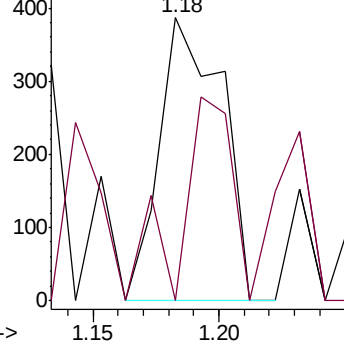
62 100

64 0.0 26.2 39.2#

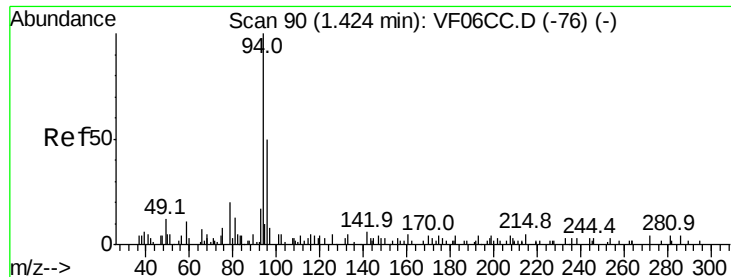


Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0



Time-->



#5

Bromomethane

Concen: 65.242 ug/l

RT: 1.37 min Scan# 85

Delta R.T. -0.04 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

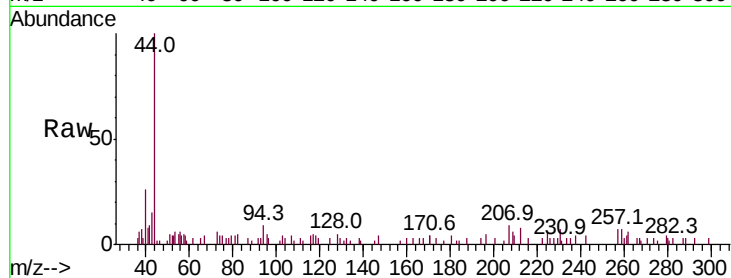
B-06-2.5-3.0

Tot Ion: 94 Resp: 404

Ion Ratio Lower Upper

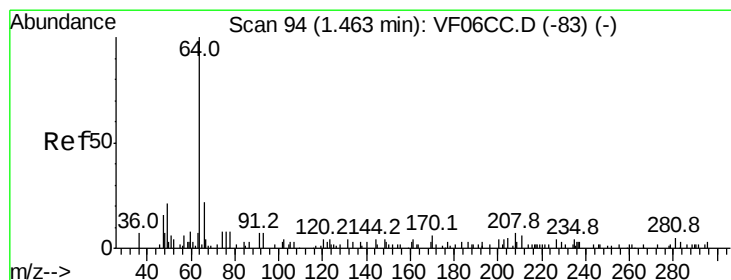
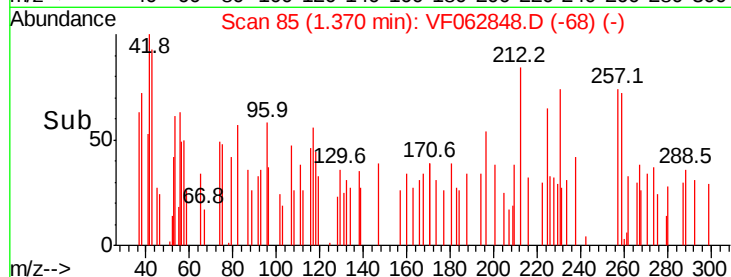
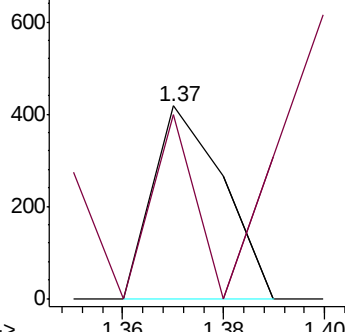
94 100

96 95.2 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: 178.585 ug/l

RT: 1.46 min Scan# 94

Delta R.T. -0.01 min

Lab File: VF062848.D

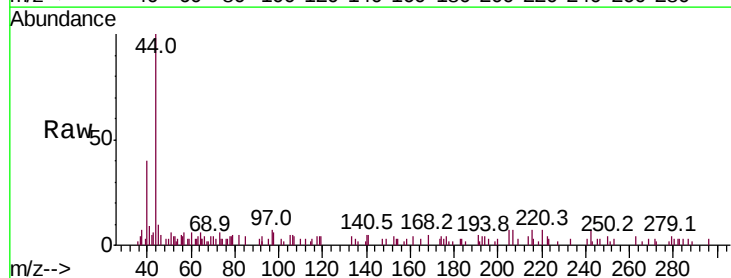
Acq: 4 Jun 2019 19:33

Tgt Ion: 64 Resp: 725

Ion Ratio Lower Upper

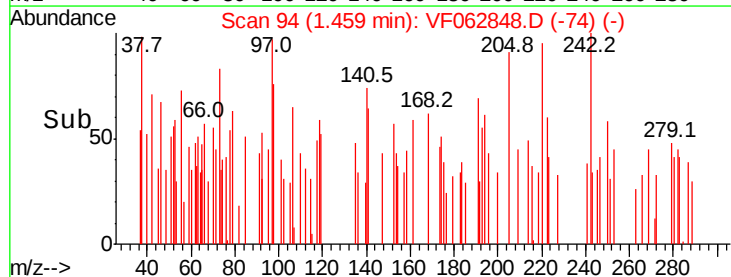
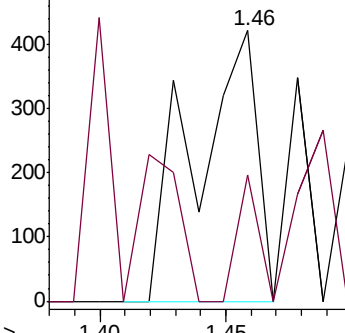
64 100

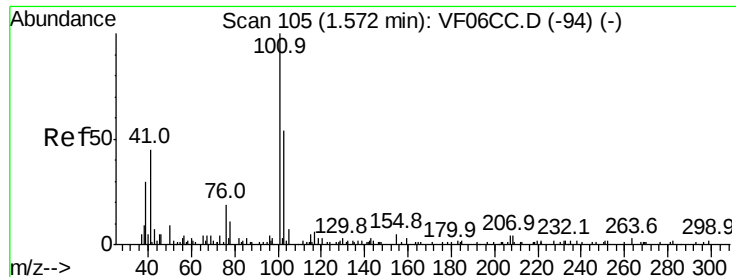
66 46.7 31.0 46.4#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



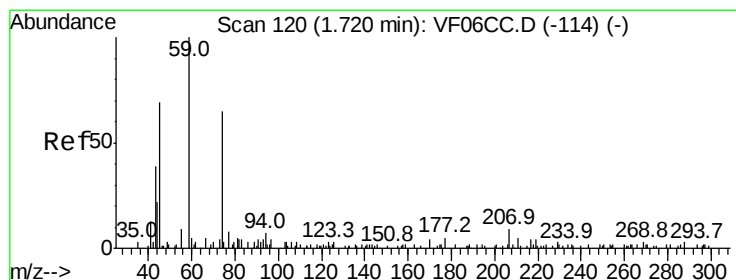
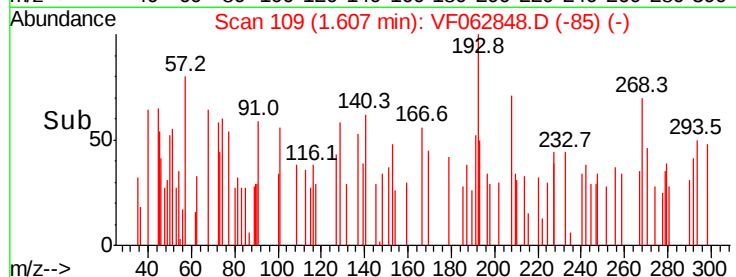
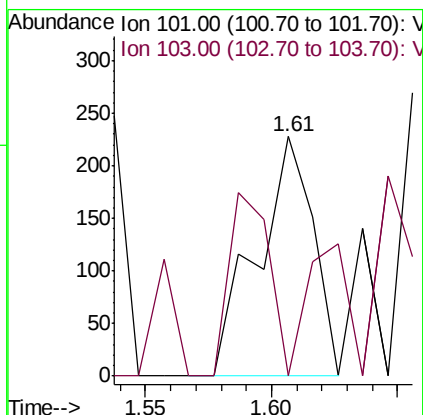
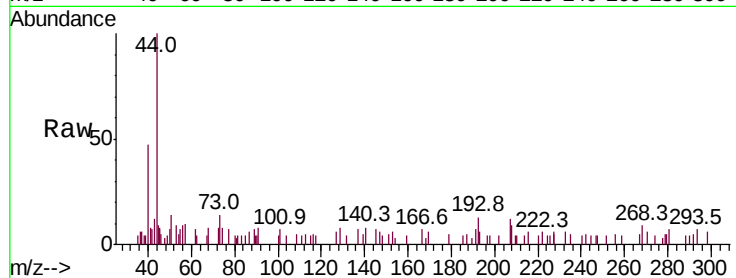


#7

Trichlorofluoromethane
 Concen: 22.965 ug/l
 RT: 1.61 min Scan# 109
 Delta R.T. 0.03 min
 Lab File: VF062848.D
 Acq: 4 Jun 2019 19:33

Instrument :
 MSVOA_F
 ClientSampled :
 B-06-2.5-3.0

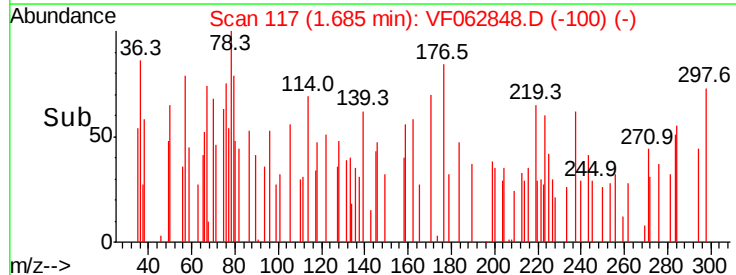
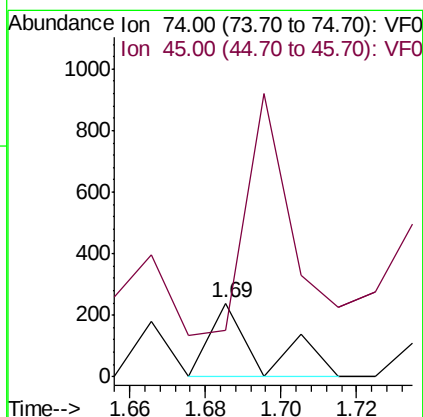
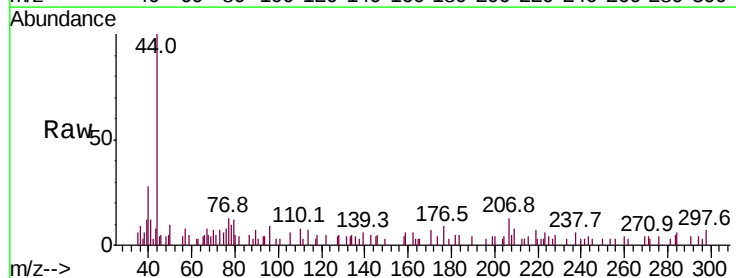
Tot Ion:101 Resp: 353
 Ion Ratio Lower Upper
 101 100
 103 0.0 54.6 82.0#

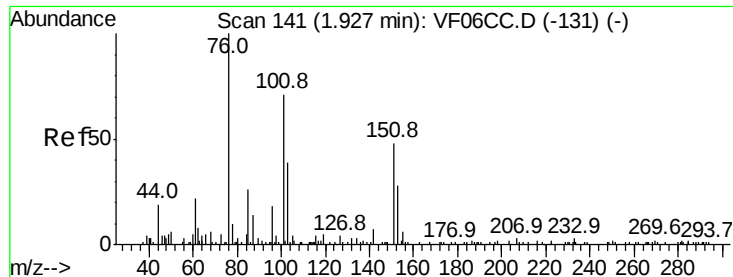


#8

Diethyl Ether
 Concen: 74.069 ug/l
 RT: 1.69 min Scan# 117
 Delta R.T. -0.04 min
 Lab File: VF062848.D
 Acq: 4 Jun 2019 19:33

Tgt Ion: 74 Resp: 224
 Ion Ratio Lower Upper
 74 100
 45 63.2 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.315 ug/l

RT: 1.95 min Scan# 144

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

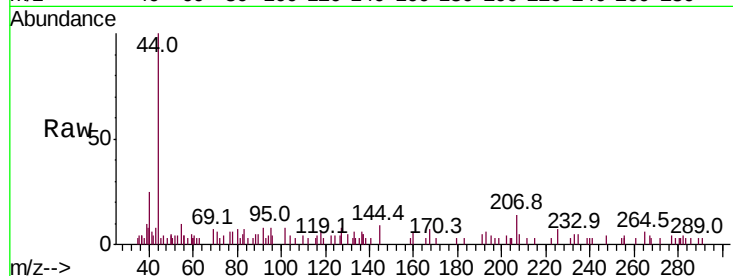
Tot Ion:101 Resp: 177

Ion Ratio Lower Upper

101 100

85 37.5 37.1 55.7

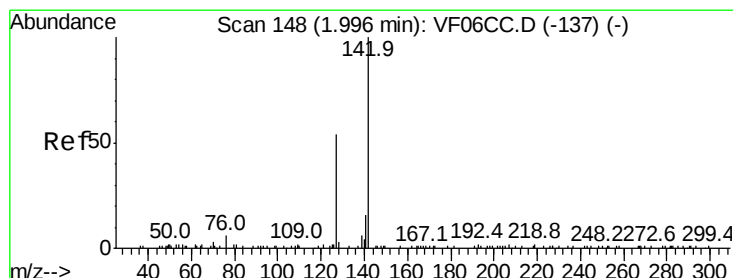
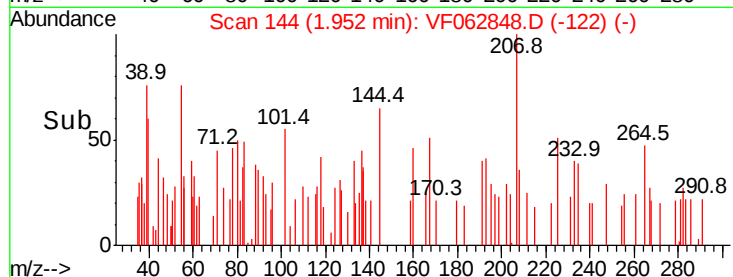
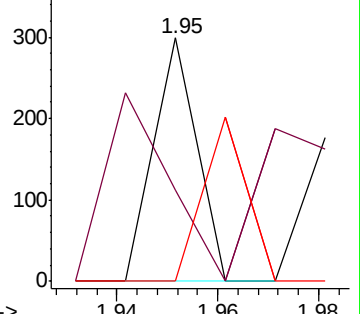
151 0.0 60.3 90.5#



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: 3.458 ug/l

RT: 2.03 min Scan# 152

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

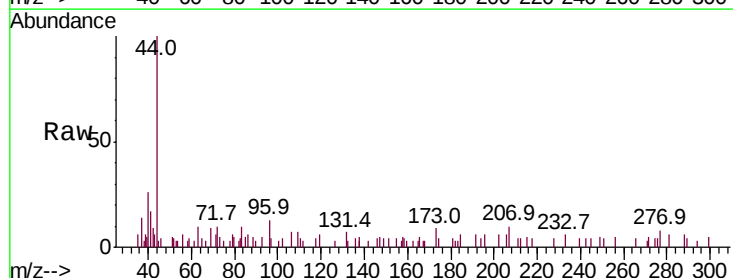
Tgt Ion:142 Resp: 67

Ion Ratio Lower Upper

142 100

127 0.0 39.4 59.2#

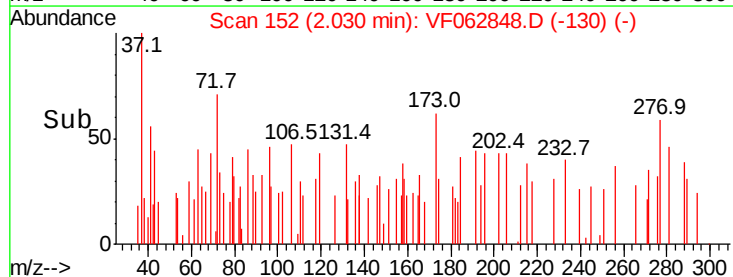
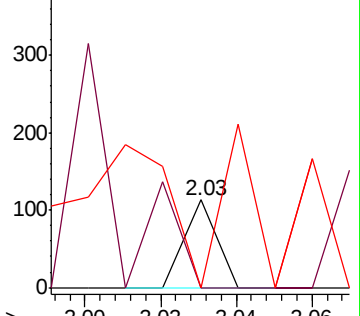
141 0.0 10.6 15.8#

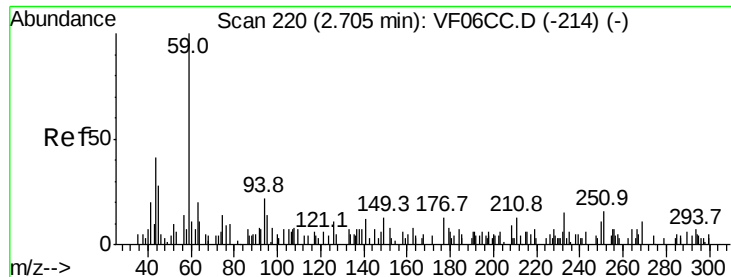


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

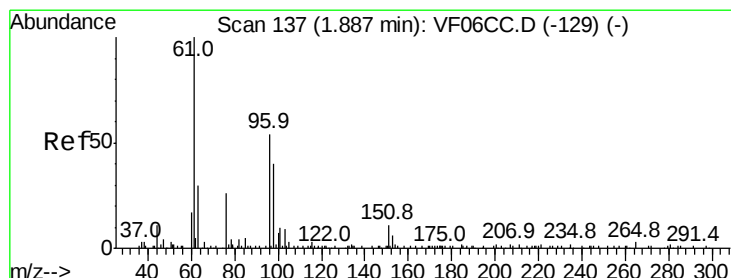
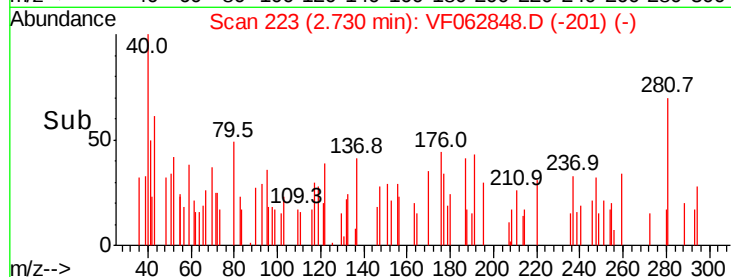
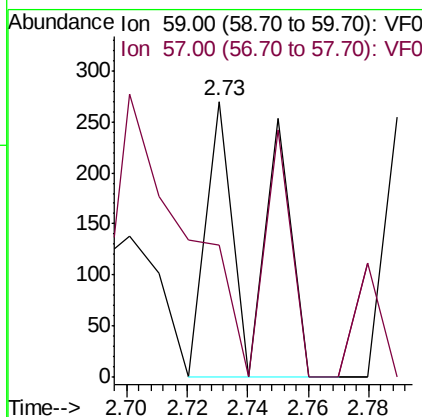
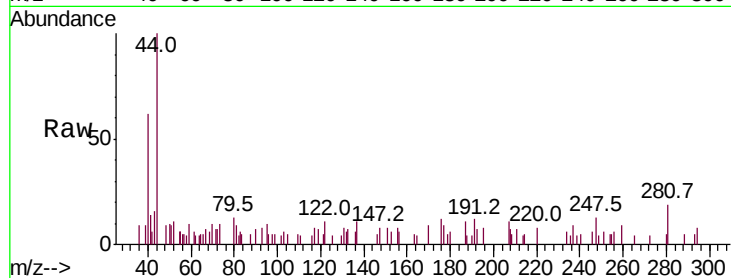




#11
Tert butyl alcohol
Concen: 700.776 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.01 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

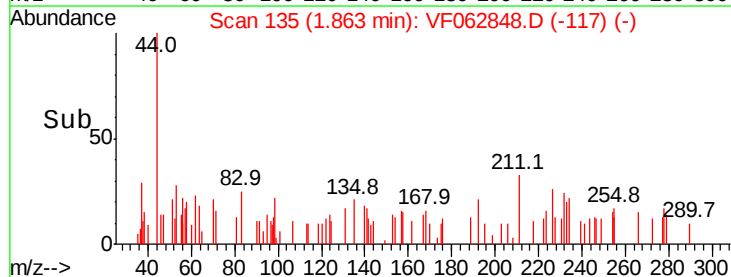
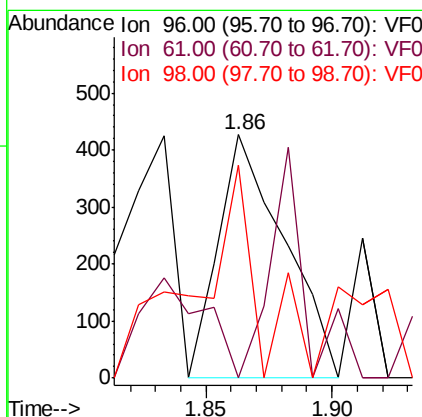
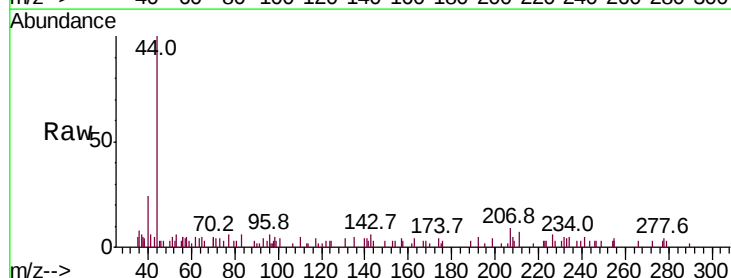
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

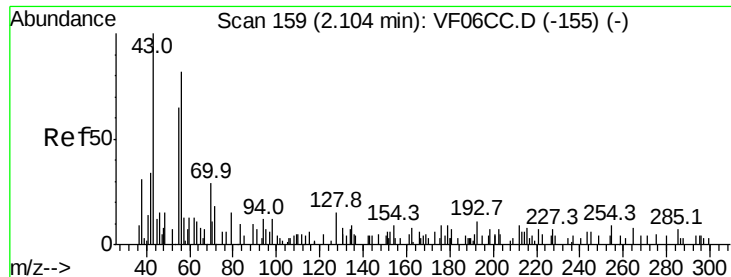
Tot Ion: 59 Resp: 310
Ion Ratio Lower Upper
59 100
57 47.8 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 88.543 ug/l
RT: 1.86 min Scan# 135
Delta R.T. -0.03 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 96 Resp: 777
Ion Ratio Lower Upper
96 100
61 0.0 139.4 209.2#
98 87.6 50.3 75.5#

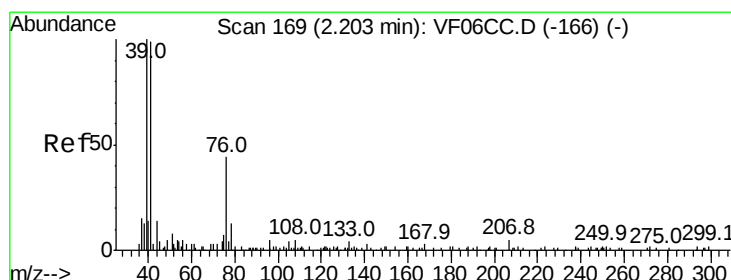
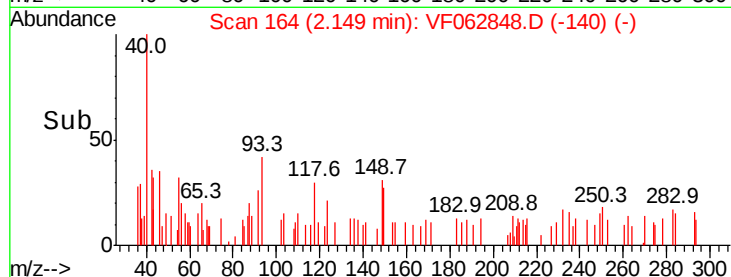
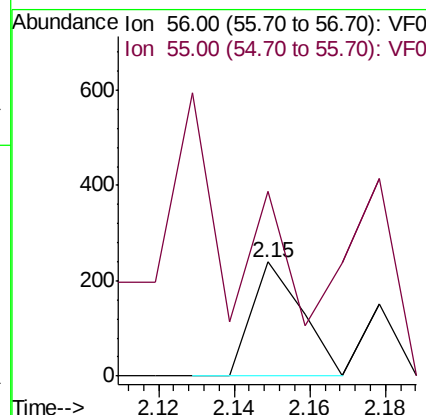
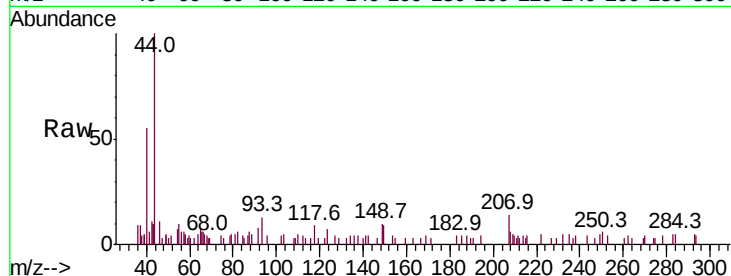




#13
Acrolein
Concen: 1266.856 ug/l
RT: 2.15 min Scan# 164
Delta R.T. 0.03 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

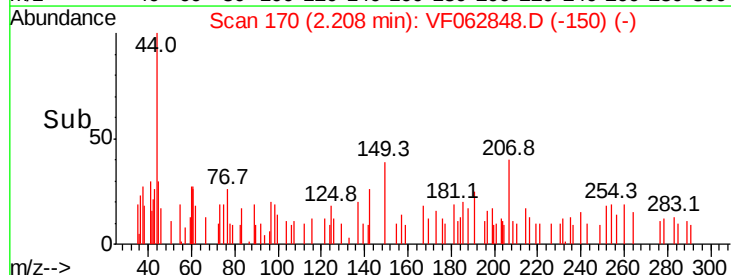
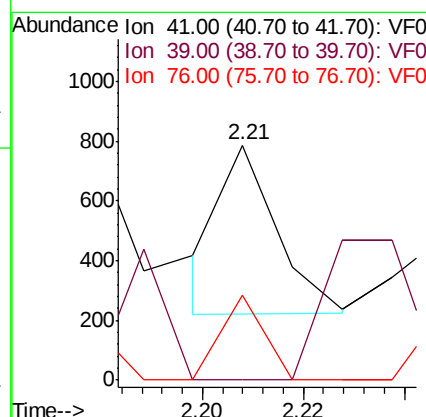
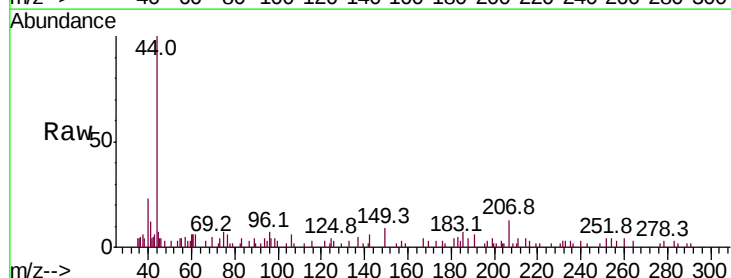
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

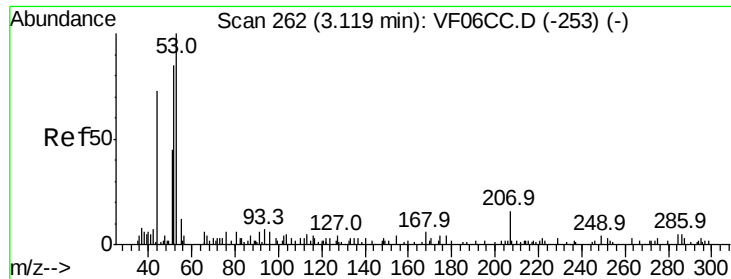
Tot Ion: 56 Resp: 218
Ion Ratio Lower Upper
56 100
55 161.2 52.9 79.3#



#14
Allyl chloride
Concen: 64.043 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 41 Resp: 436
Ion Ratio Lower Upper
41 100
39 0.0 71.9 107.9#
76 36.3 39.6 59.4#





#15

Acrylonitrile

Concen: 218.983 ug/l

RT: 3.14 min Scan# 265

Delta R.T. 0.03 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

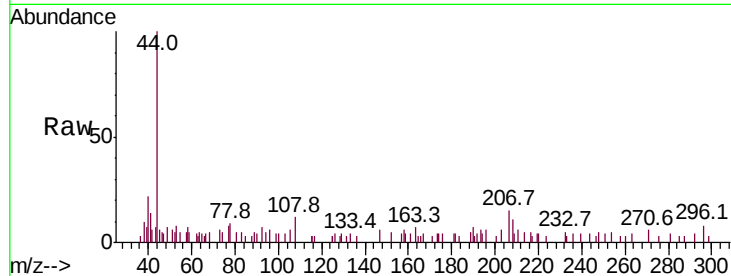
Tot Ion: 53 Resp: 364

Ion Ratio Lower Upper

53 100

52 53.7 68.1 102.1#

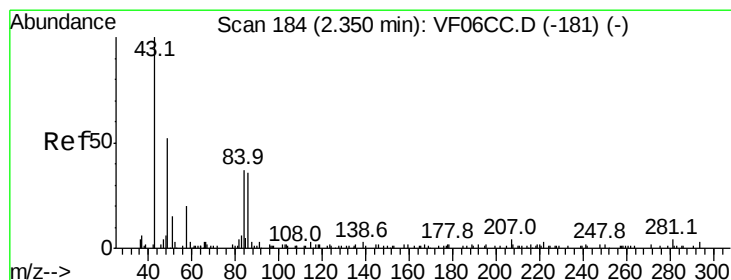
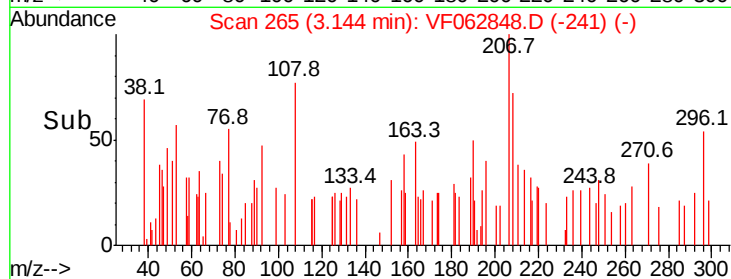
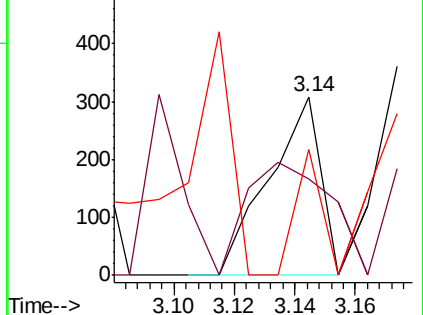
51 70.6 27.7 41.5#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 310.530 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.03 min

Lab File: VF062848.D

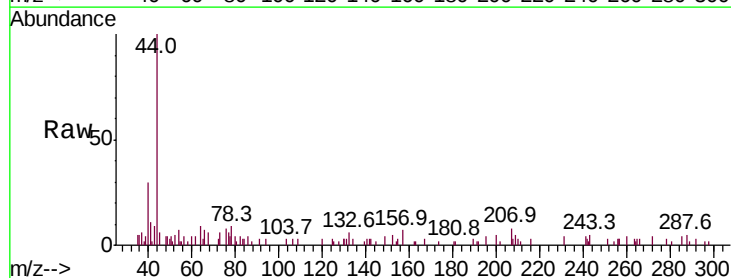
Acq: 4 Jun 2019 19:33

Tgt Ion: 43 Resp: 519

Ion Ratio Lower Upper

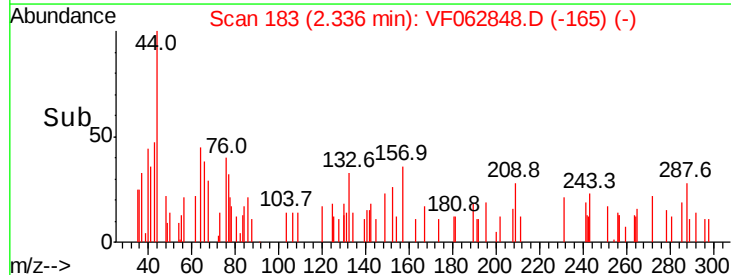
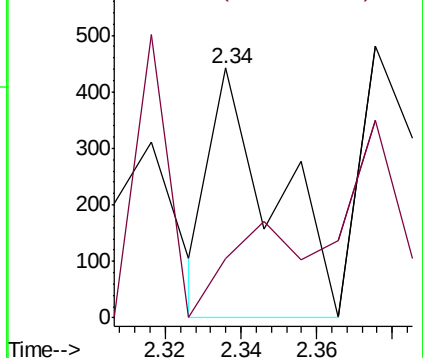
43 100

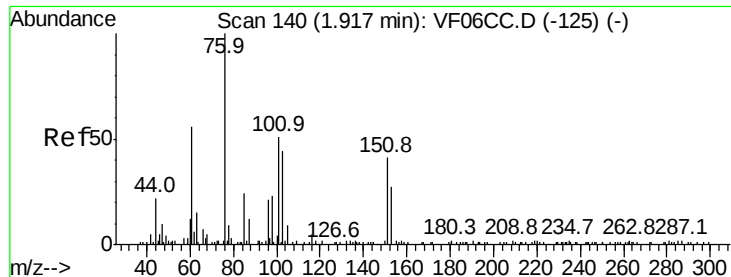
58 24.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

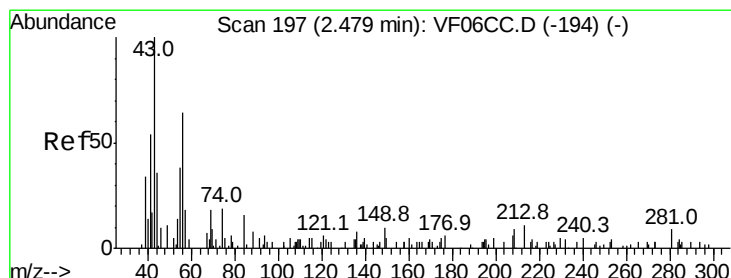
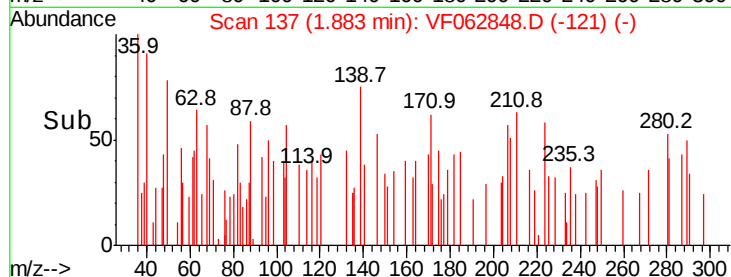
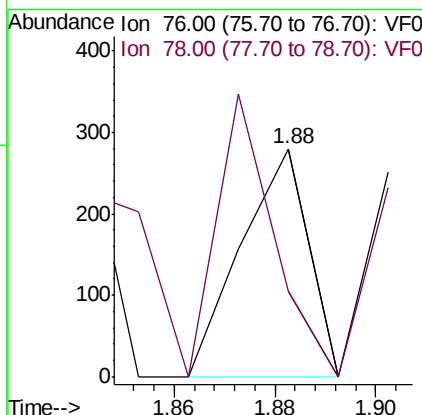
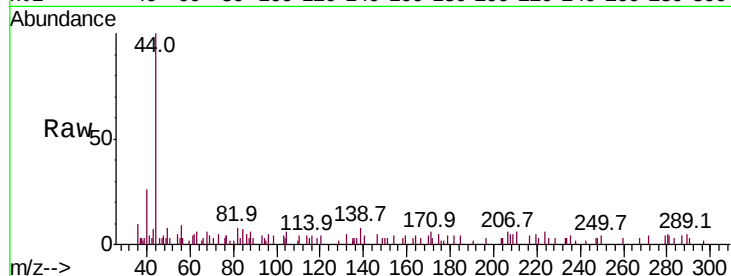




#17
Carbon Disulfide
Concen: 10.059 ug/l
RT: 1.88 min Scan# 137
Delta R.T. -0.05 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

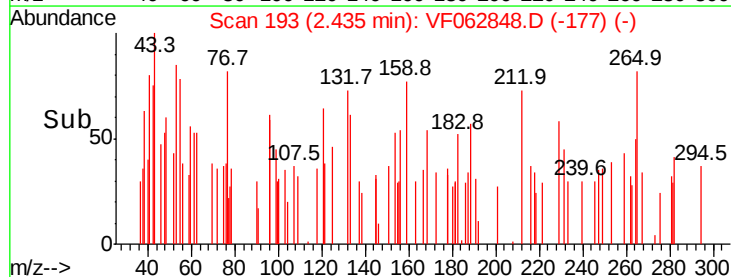
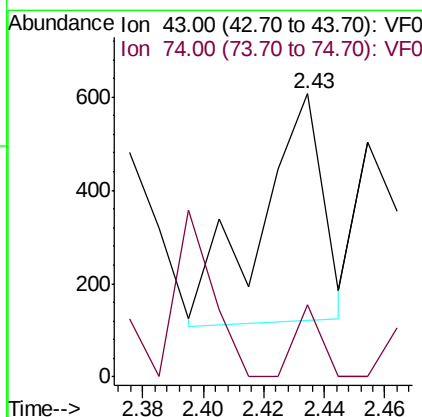
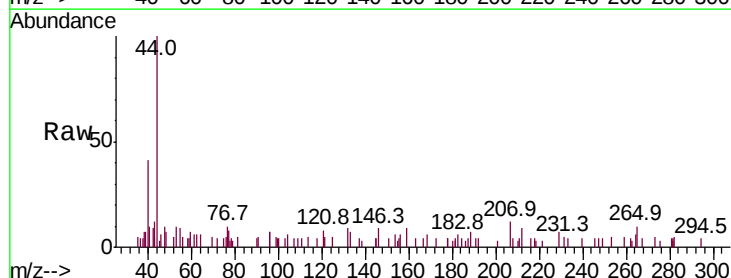
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

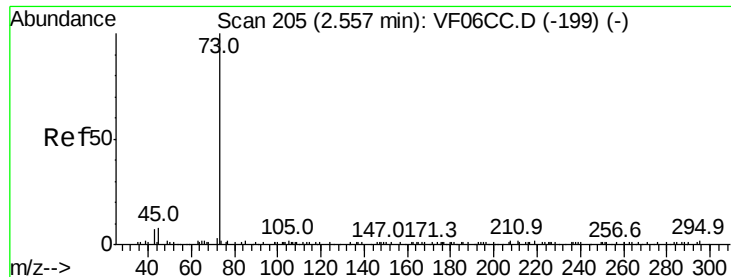
Tot Ion: 76 Resp: 258
Ion Ratio Lower Upper
76 100
78 37.5 9.4 14.2#



#18
Methyl Acetate
Concen: 240.016 ug/l
RT: 2.43 min Scan# 193
Delta R.T. -0.05 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
74 25.4 22.1 33.1



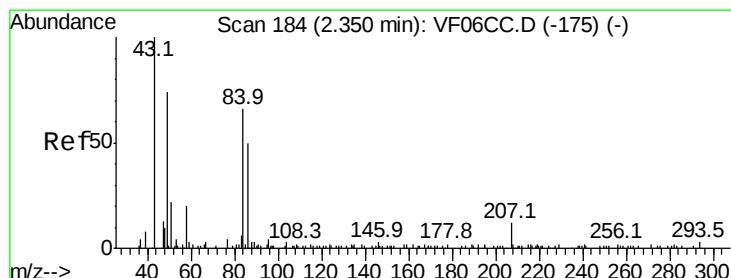
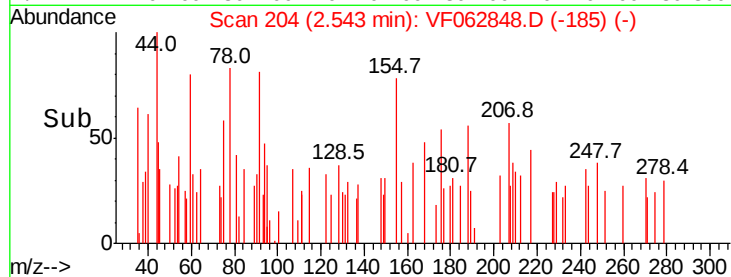
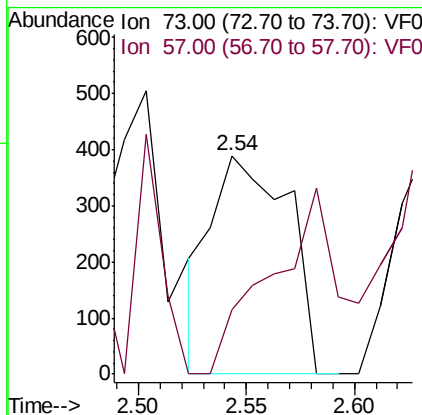
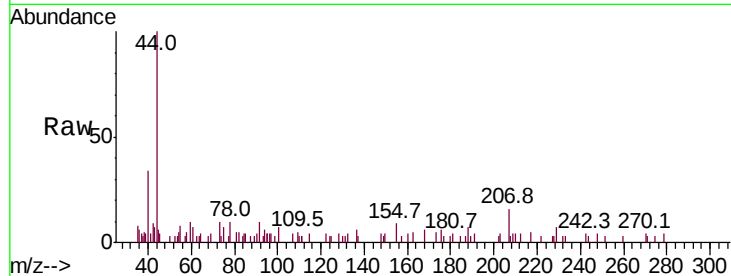


#19

Methyl tert-butyl Ether
 Concen: 60.823 ug/l
 RT: 2.54 min Scan# 204
 Delta R.T. -0.02 min
 Lab File: VF062848.D
 Acq: 4 Jun 2019 19:33

Instrument :
 MSVOA_F
 ClientSampled :
 B-06-2.5-3.0

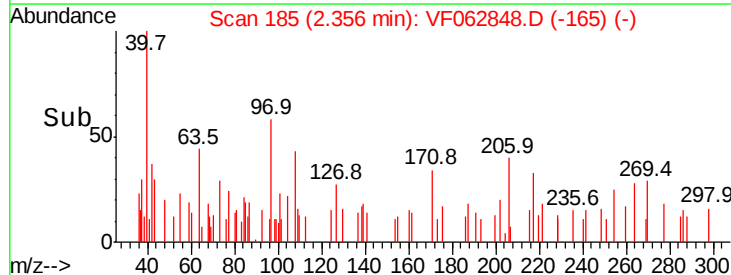
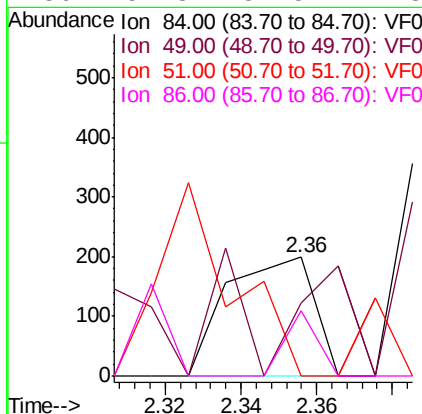
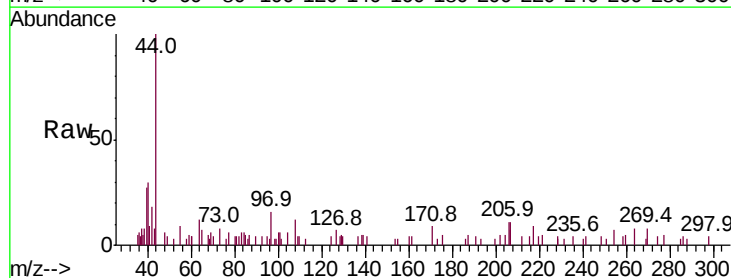
Tot Ion: 73 Resp: 967
 Ion Ratio Lower Upper
 73 100
 57 29.6 15.1 22.7#

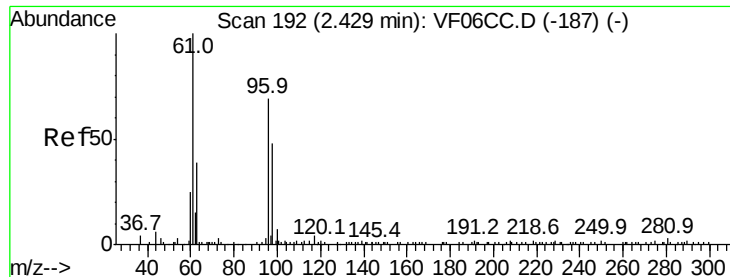


#20

Methylene Chloride
 Concen: 36.852 ug/l
 RT: 2.36 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VF062848.D
 Acq: 4 Jun 2019 19:33

Tgt Ion: 84 Resp: 315
 Ion Ratio Lower Upper
 84 100
 49 61.3 82.6 123.8#
 51 0.0 25.0 37.4#
 86 54.8 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 138.543 ug/l

RT: 2.43 min Scan# 193

Delta R.T. -0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

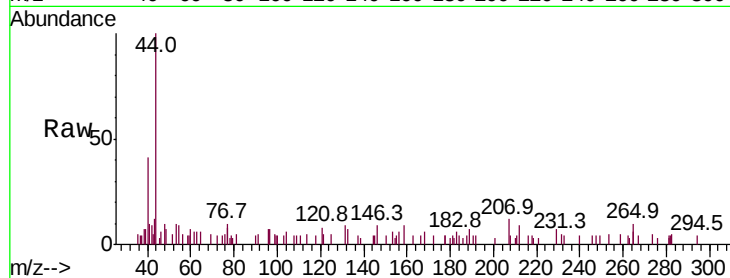
Tot Ion: 96 Resp: 1219

Ion Ratio Lower Upper

96 100

61 44.7 105.0 157.6#

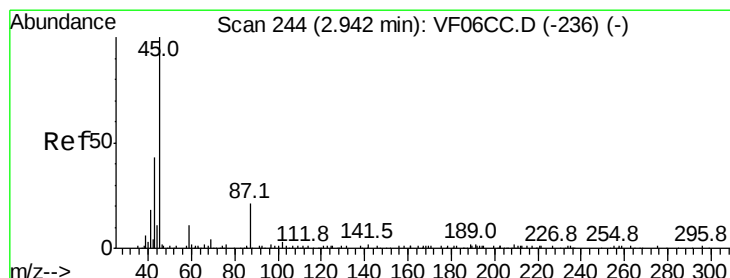
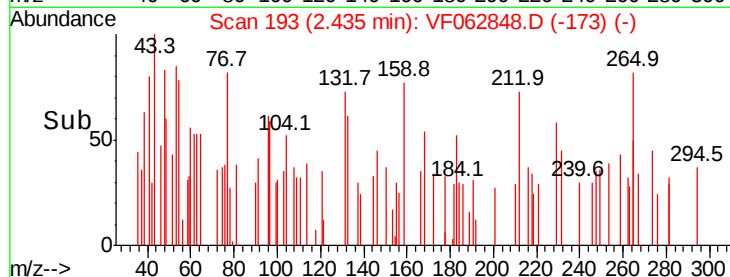
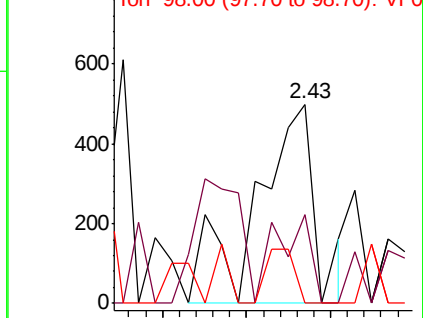
98 0.0 51.1 76.7#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 39.707 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.02 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Tgt Ion: 45 Resp: 768

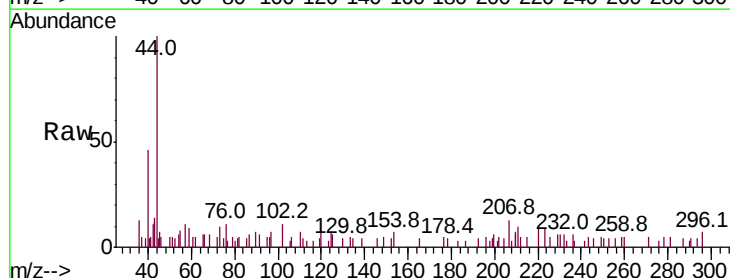
Ion Ratio Lower Upper

45 100

43 239.3 34.3 51.5#

87 0.0 19.0 28.4#

59 80.5 9.6 14.4#

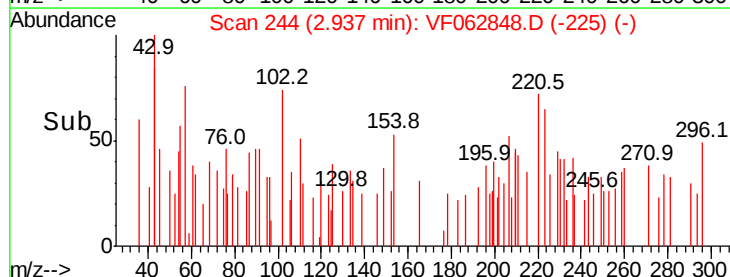
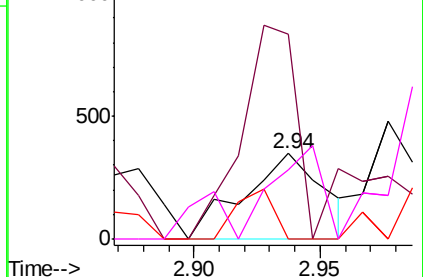


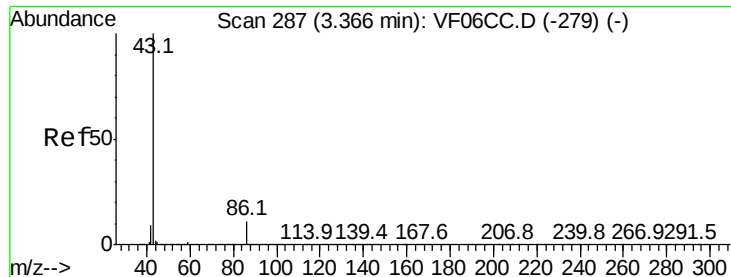
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 64.871 ug/l

RT: 3.38 min Scan# 289

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampled :

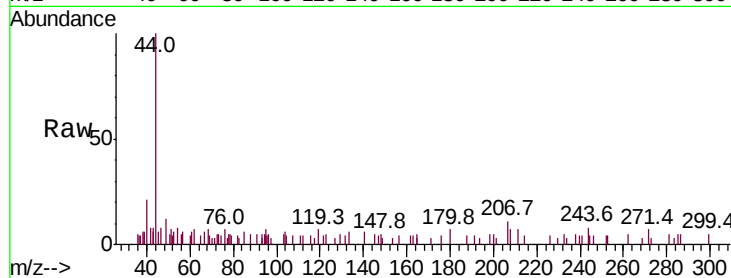
B-06-2.5-3.0

Tot Ion: 43 Resp: 859

Ion Ratio Lower Upper

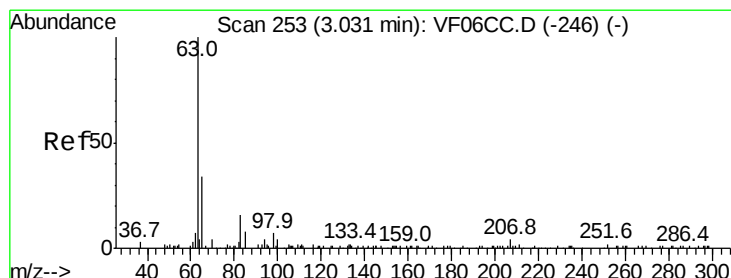
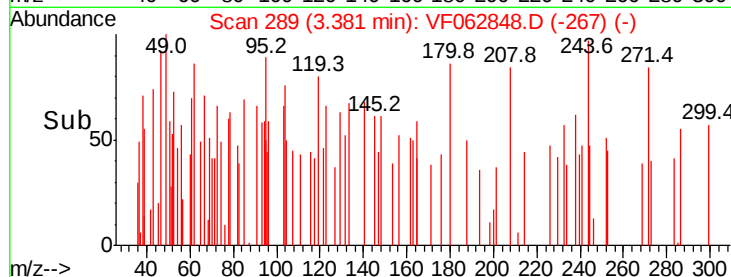
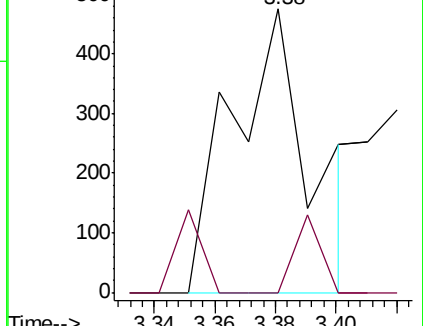
43 100

86 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 40.162 ug/l

RT: 3.05 min Scan# 255

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

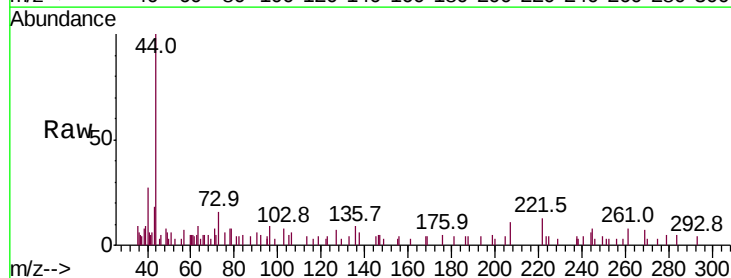
Tgt Ion: 63 Resp: 580

Ion Ratio Lower Upper

63 100

98 23.4 2.4 7.1#

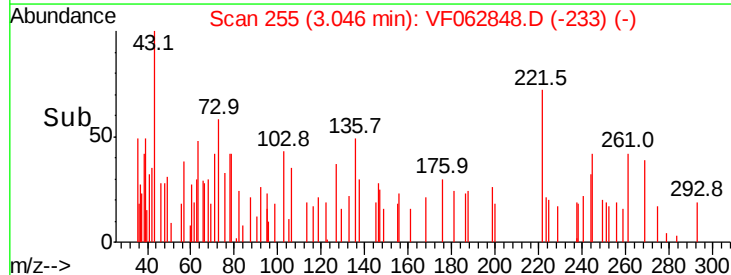
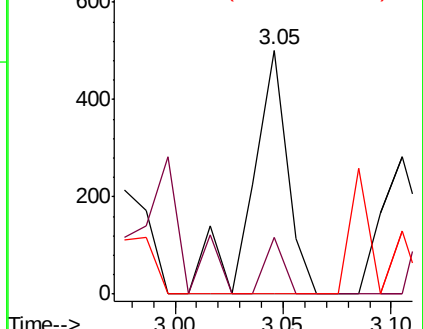
100 0.0 1.5 4.5#

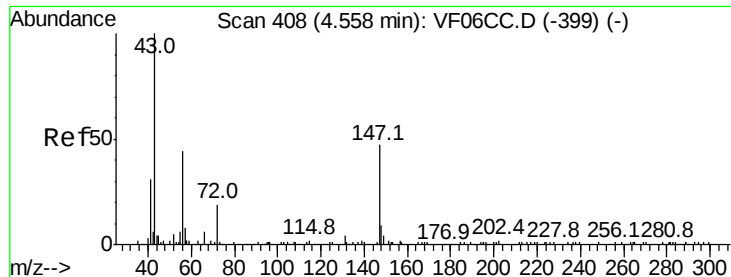


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

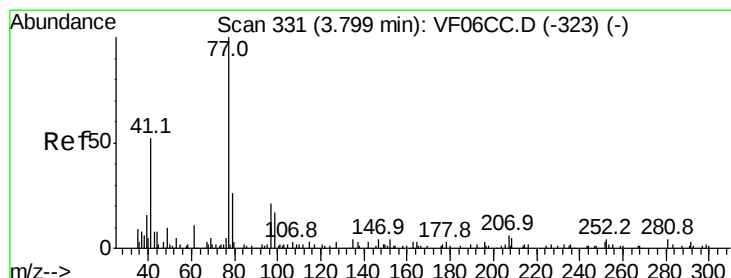
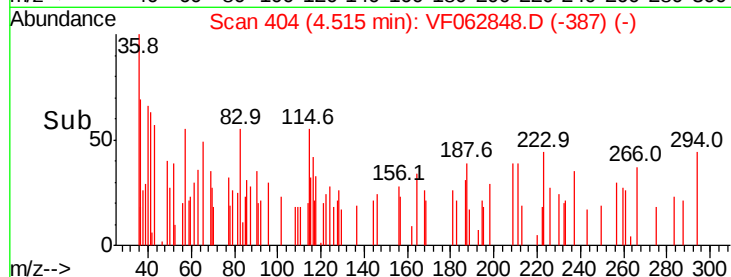
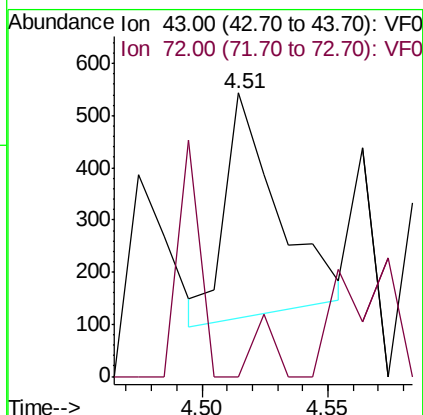
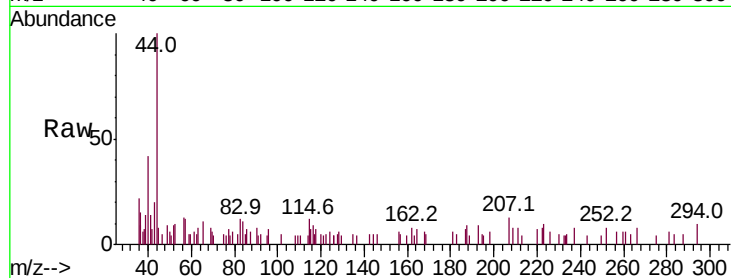




#25
2-Butanone
Concen: 161.093 ug/l
RT: 4.51 min Scan# 404
Delta R.T. -0.04 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

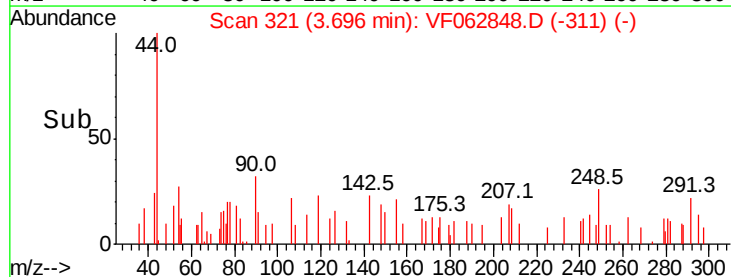
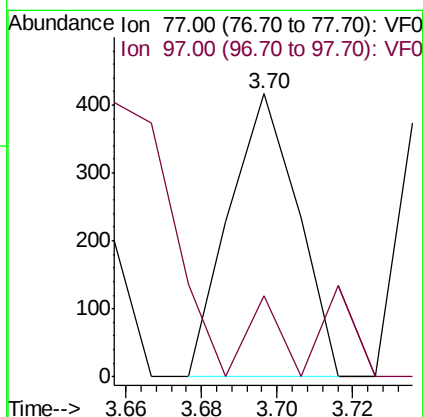
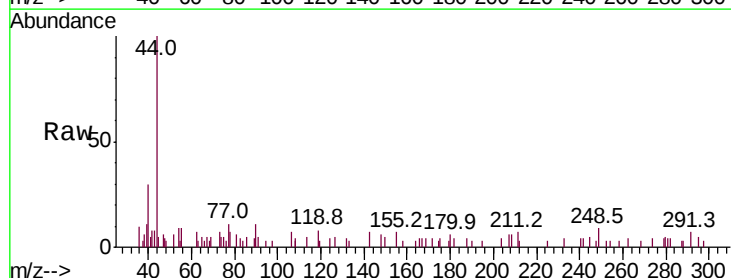
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

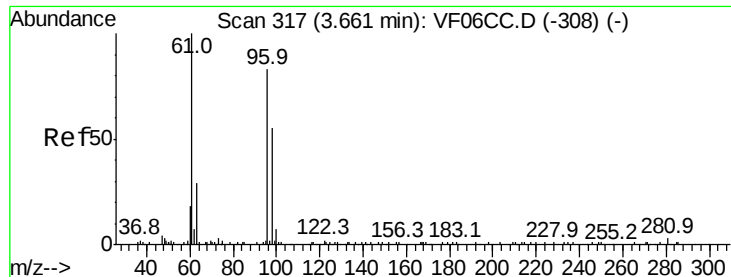
Tot Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#26
2,2-Dichloropropane
Concen: 63.537 ug/l
RT: 3.70 min Scan# 321
Delta R.T. -0.11 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 77 Resp: 521
Ion Ratio Lower Upper
77 100
97 28.8 12.4 37.4





#27

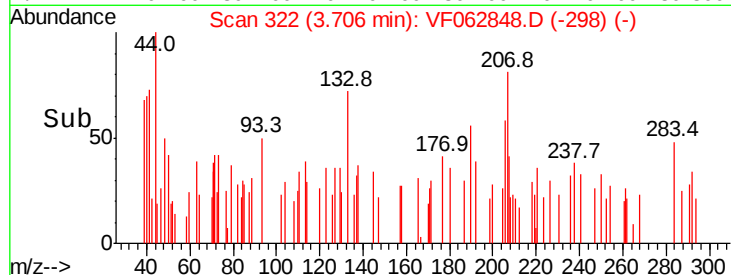
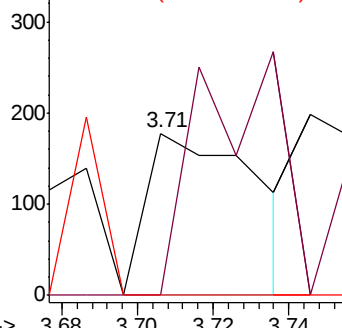
cis-1,2-Dichloroethene
Concen: 23.935 ug/l
RT: 3.71 min Scan# 322
Delta R.T. 0.03 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

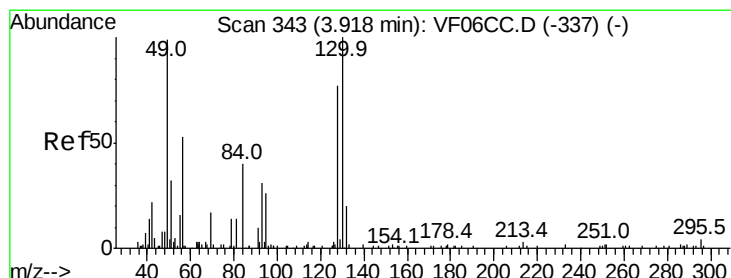
Tot Ion: 96 Resp: 354
Ion Ratio Lower Upper
96 100
61 0.0 0.0 213.8
98 0.0 0.0 127.0



Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



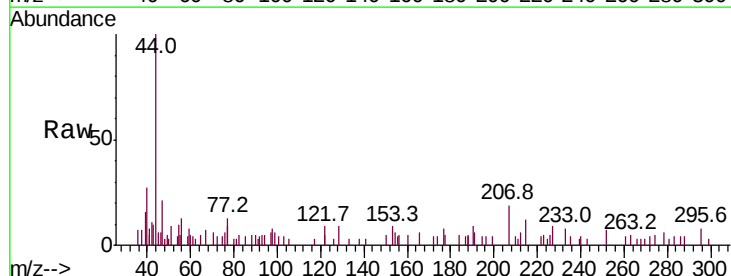
Time-->



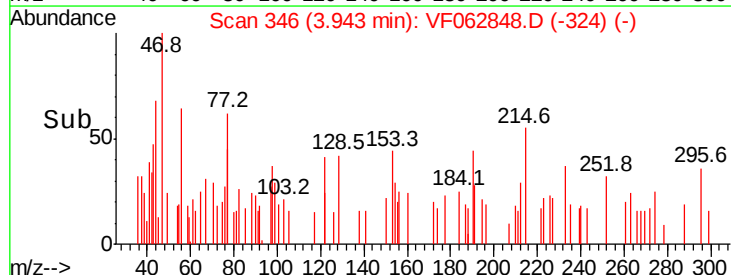
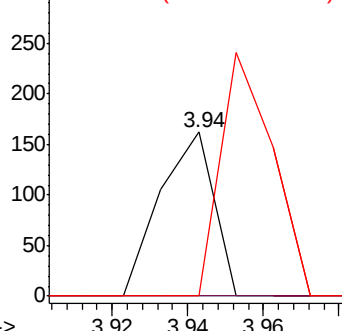
#28

Bromochloromethane
Concen: 20.113 ug/l
RT: 3.94 min Scan# 346
Delta R.T. 0.01 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

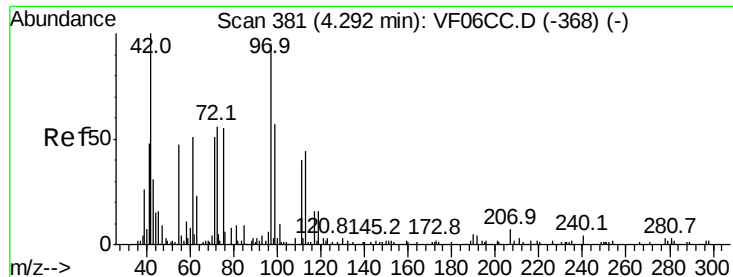
Tgt Ion: 49 Resp: 158
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.4
130 0.0 79.2 118.8#



Abundance Ion 49.00 (48.70 to 49.70): VF0
Ion 129.00 (128.70 to 129.70): V
Ion 130.00 (129.70 to 130.70): V



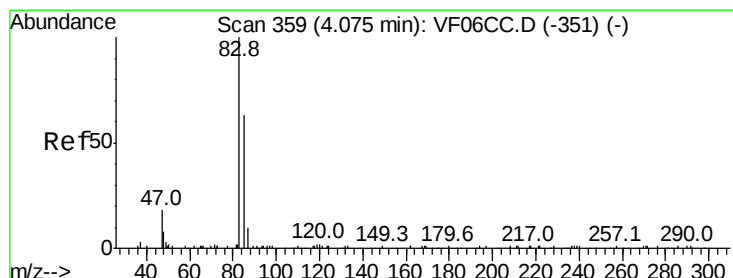
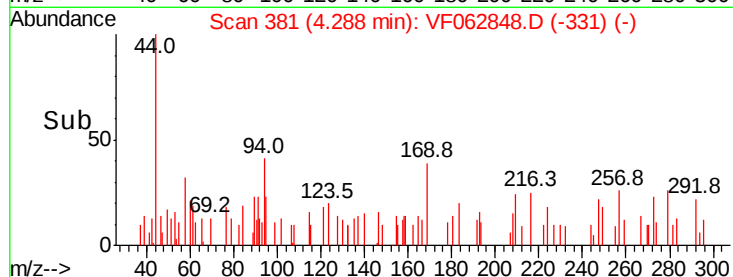
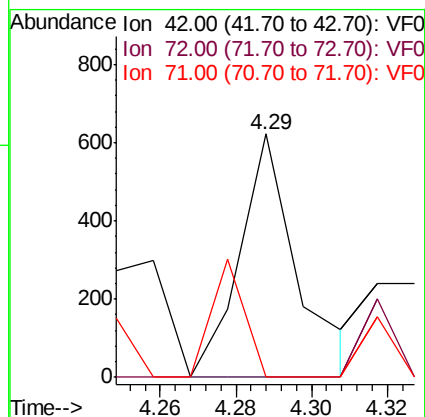
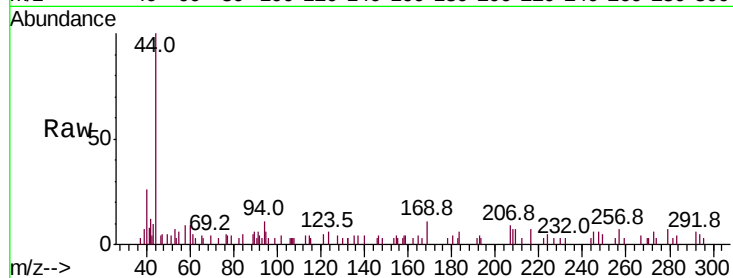
Time-->



#29
Tetrahydrofuran
Concen: 437.983 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

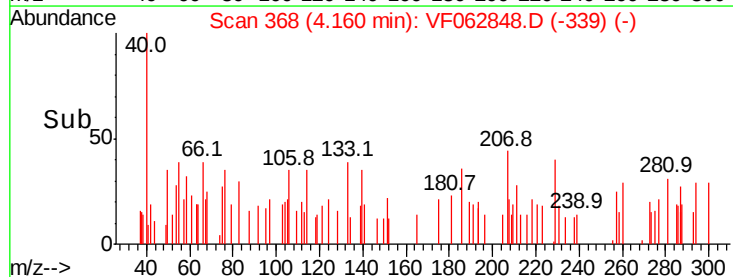
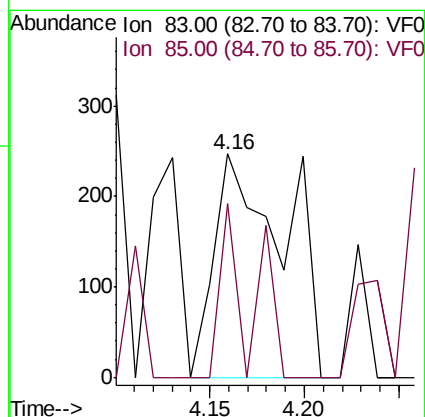
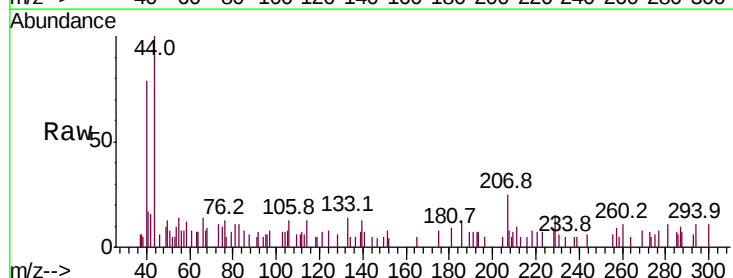
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

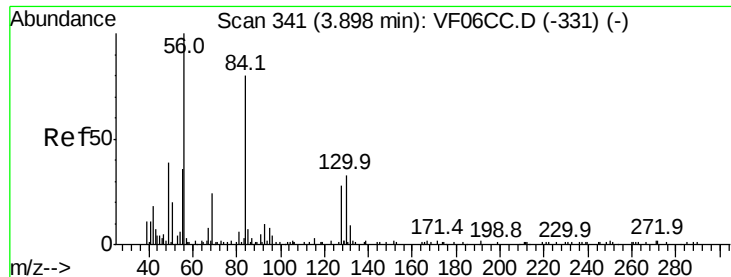
Tot Ion: 42 Resp: 652
Ion Ratio Lower Upper
42 100
72 0.0 39.0 58.6#
71 27.3 36.9 55.3#



#30
Chloroform
Concen: 31.346 ug/l
RT: 4.16 min Scan# 368
Delta R.T. 0.08 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 83 Resp: 638
Ion Ratio Lower Upper
83 100
85 77.7 55.0 82.6

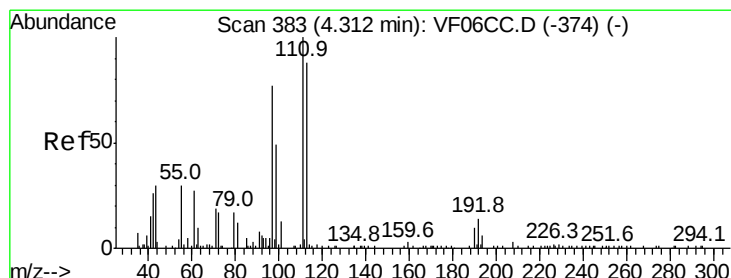
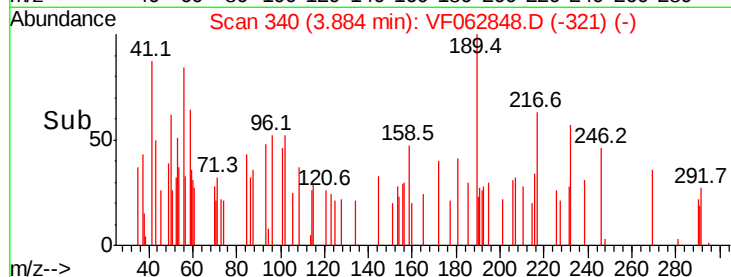
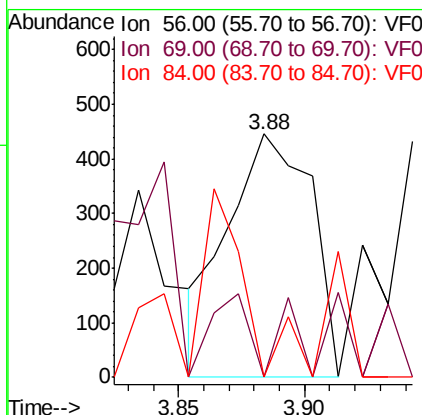
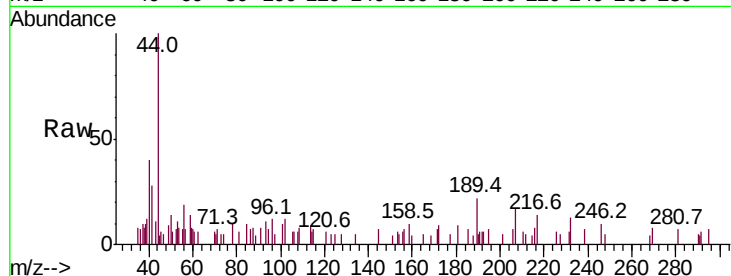




#31
Cyclohexane
Concen: 52.527 ug/l
RT: 3.88 min Scan# 340
Delta R.T. -0.02 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

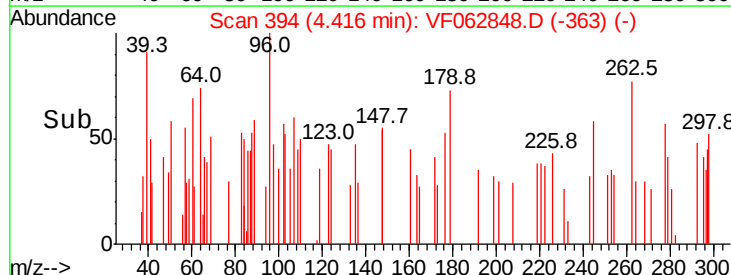
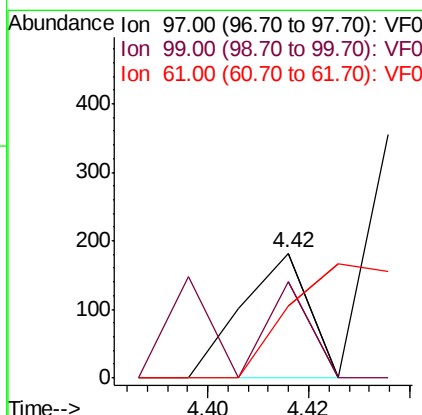
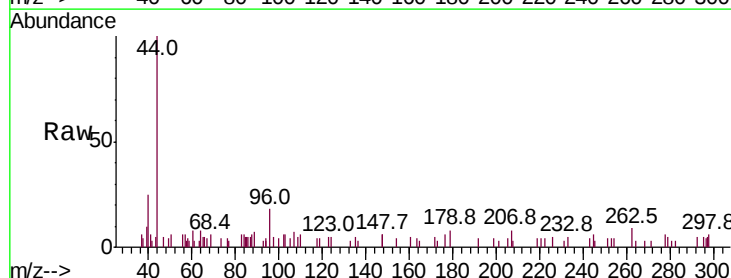
Instrument :
MSVOA_F
ClientSampled :
B-06-2.5-3.0

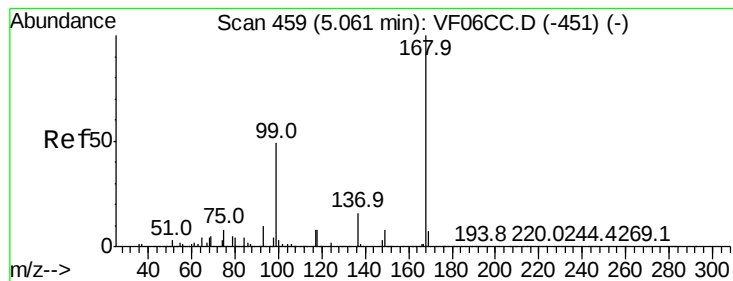
Tot Ion: 56 Resp: 1027
Ion Ratio Lower Upper
56 100
69 0.0 26.7 40.1#
84 0.0 74.3 111.5#



#32
1,1,1-Trichloroethane
Concen: 14.177 ug/l
RT: 4.42 min Scan# 394
Delta R.T. 0.10 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 97 Resp: 168
Ion Ratio Lower Upper
97 100
99 77.5 51.7 77.5
61 57.7 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 102.433 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampled :

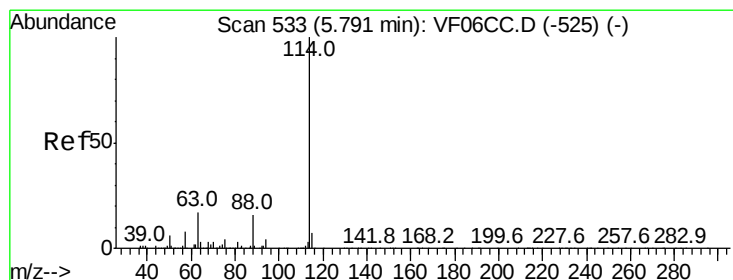
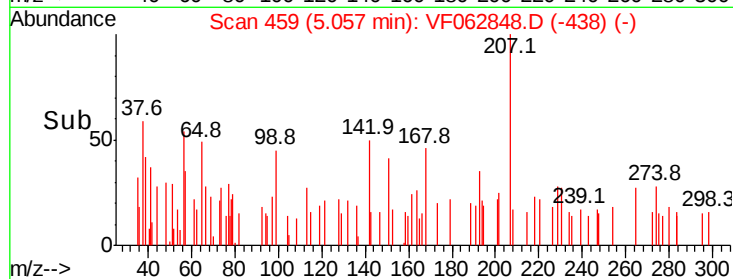
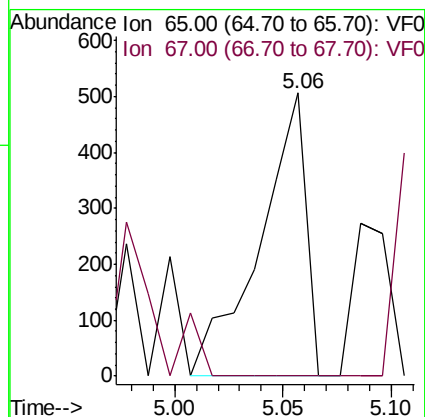
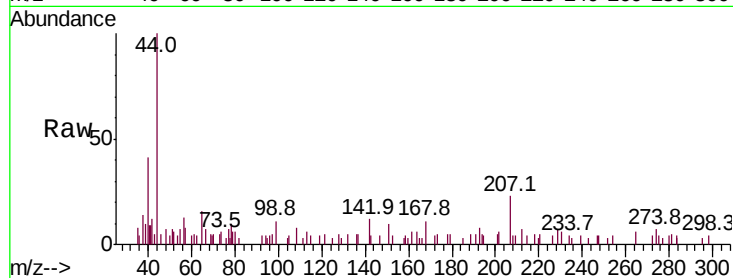
B-06-2.5-3.0

Tot Ion: 65 Resp: 748

Ion Ratio Lower Upper

65 100

67 0.0 0.0 121.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.00 min Scan# 555

Delta R.T. 0.20 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

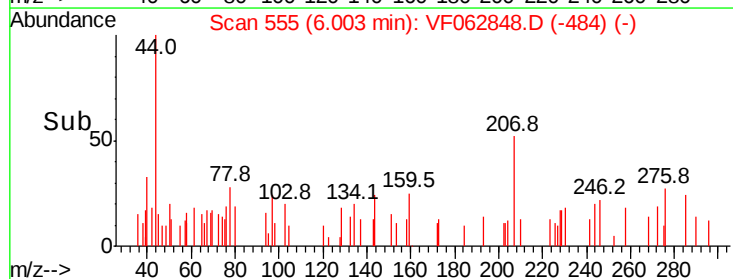
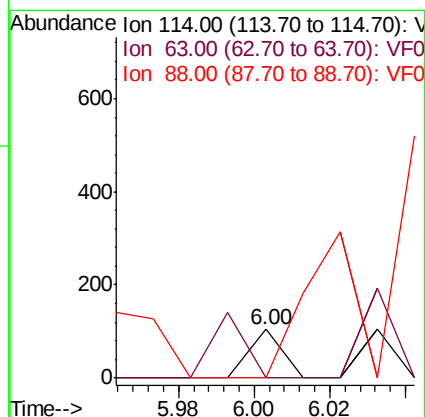
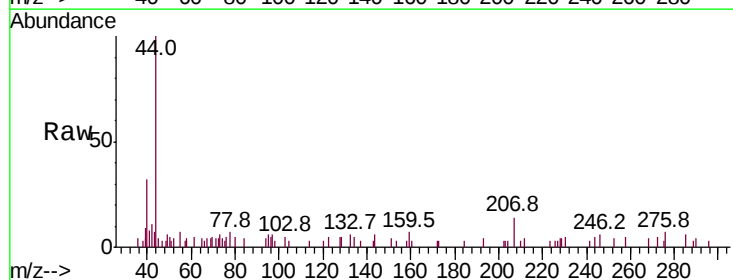
Tgt Ion: 114 Resp: 62

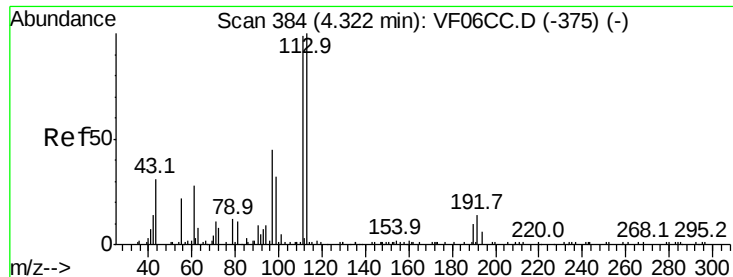
Ion Ratio Lower Upper

114 100

63 0.0 0.0 34.2

88 0.0 0.0 31.2

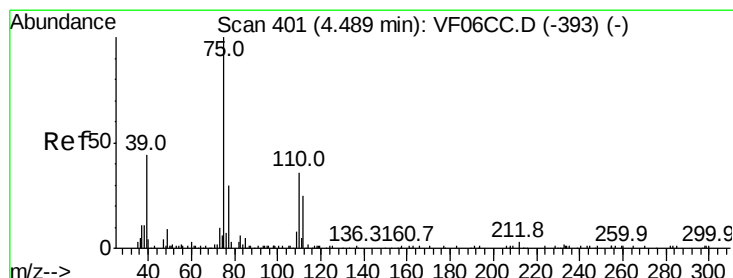
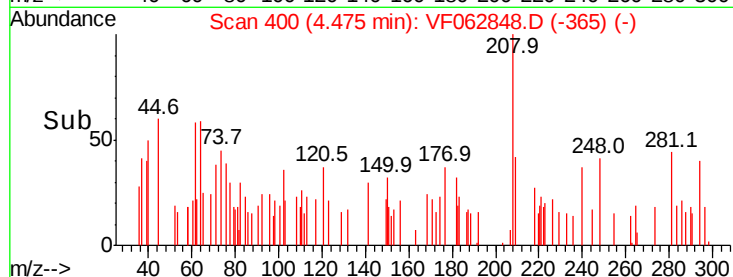
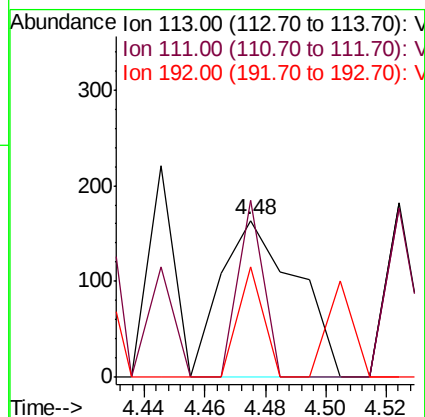
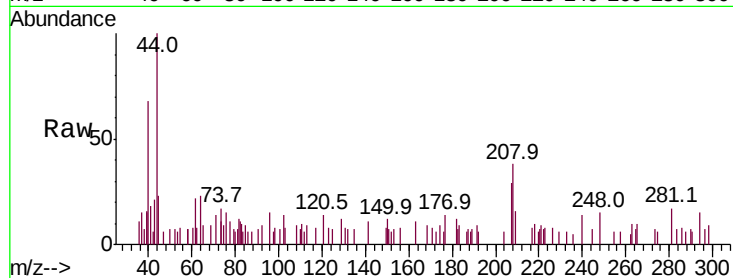




#35
Dibromofluoromethane
Concen: 612.588 ug/l
RT: 4.48 min Scan# 400
Delta R.T. 0.14 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

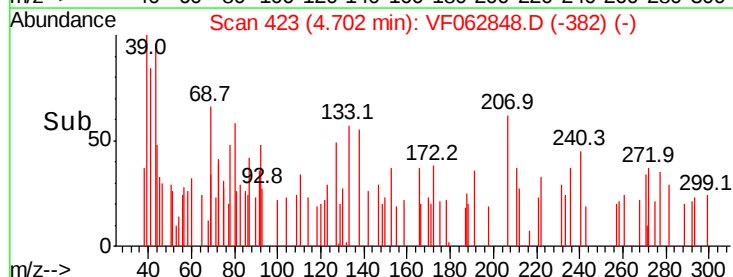
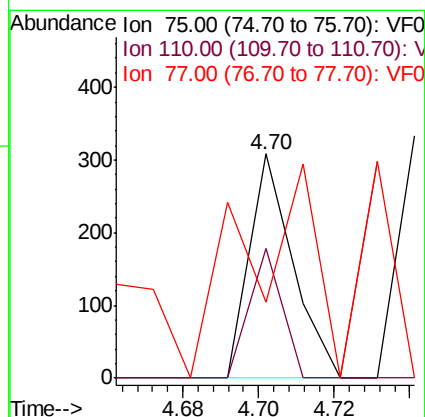
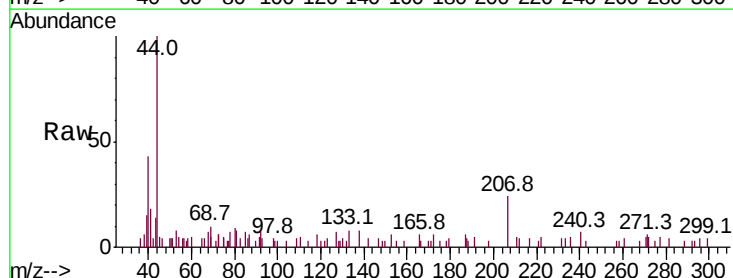
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

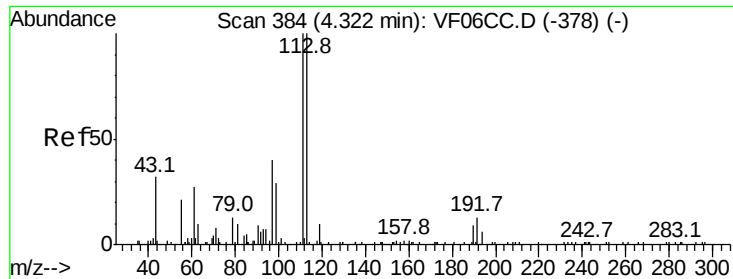
Tot Ion:113 Resp: 287
Ion Ratio Lower Upper
113 100
111 112.8 81.9 122.9
192 70.1 15.1 22.7#



#36
1,1-Dichloropropene
Concen: 423.991 ug/l
RT: 4.70 min Scan# 423
Delta R.T. 0.20 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 75 Resp: 242
Ion Ratio Lower Upper
75 100
110 57.8 19.4 58.1
77 34.1 25.4 38.2

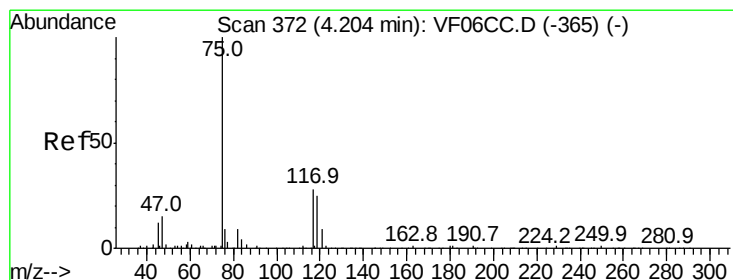
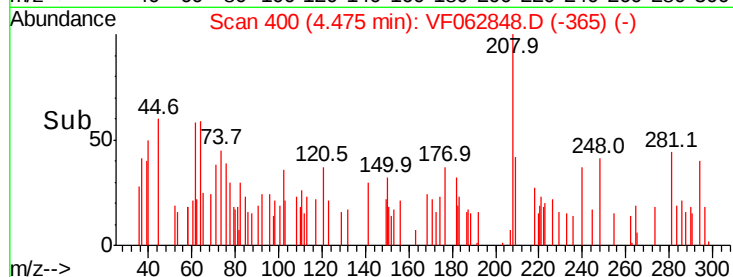
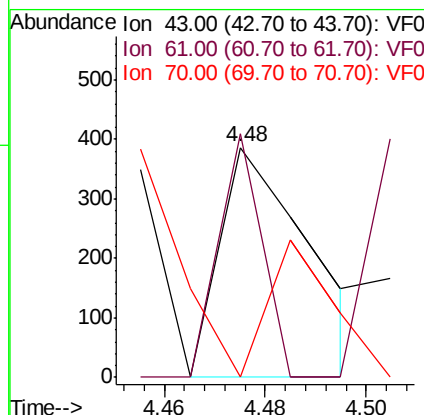
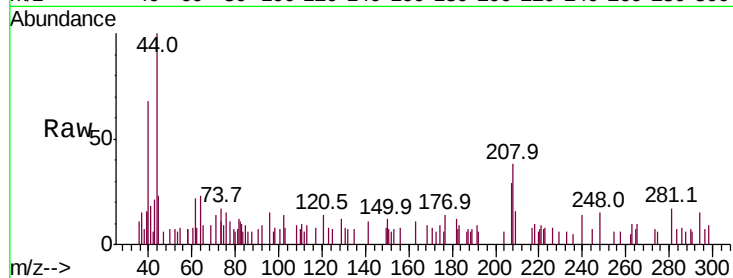




#37
Ethyl Acetate
Concen: 2181.646 ug/l
RT: 4.48 min Scan# 400
Delta R.T. 0.14 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

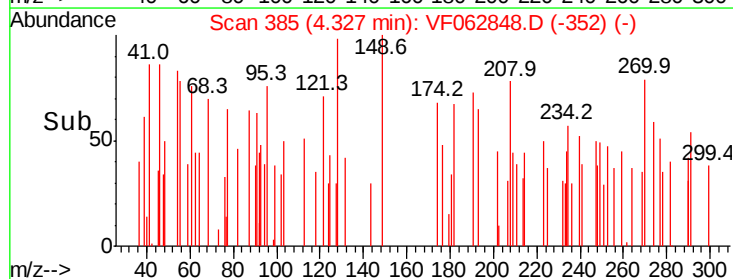
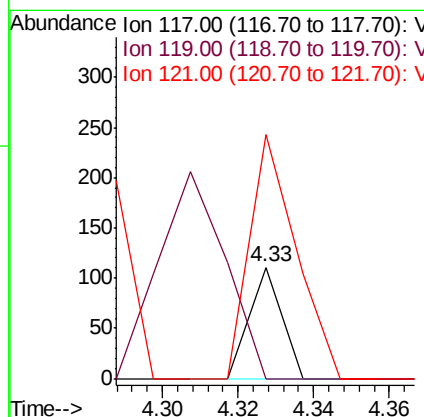
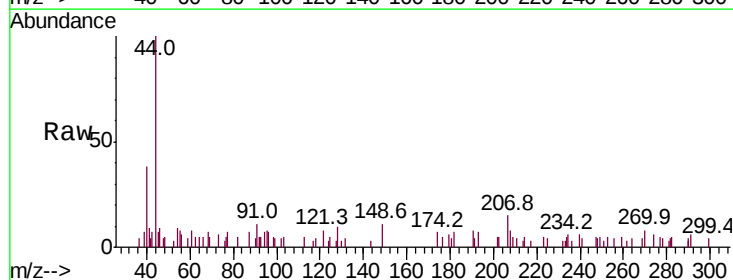
Instrument :
MSVOA_F
ClientSampled :
B-06-2.5-3.0

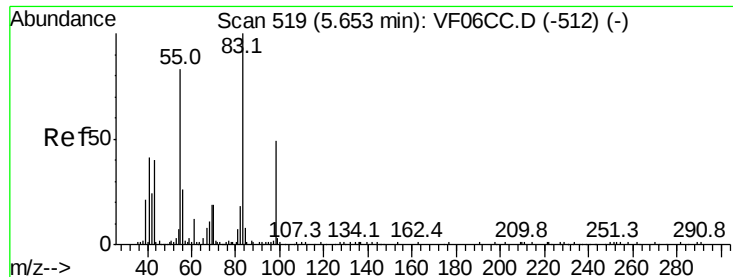
Tot Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
61 106.0 59.1 88.7#
70 0.0 10.1 15.1#



#38
Carbon Tetrachloride
Concen: 171.097 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.12 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 117 Resp: 66
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 218.9 28.2 42.2#

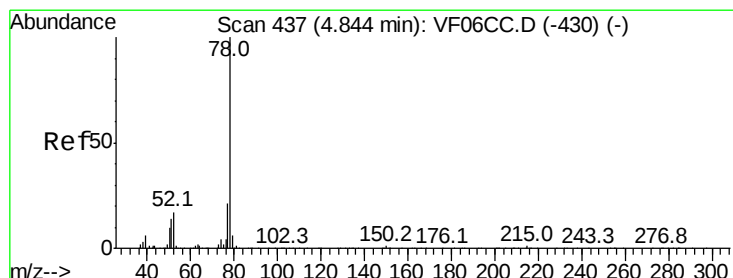
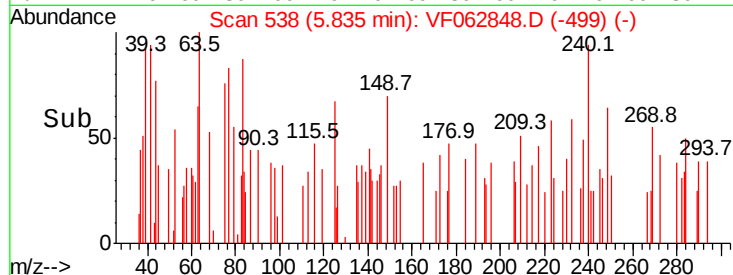
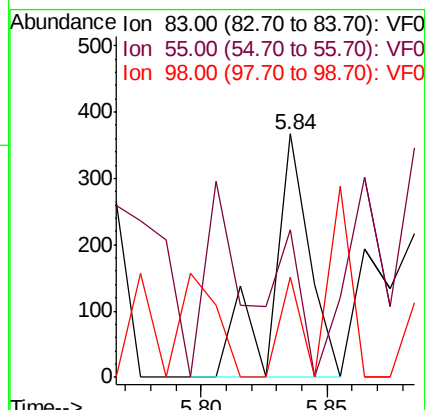
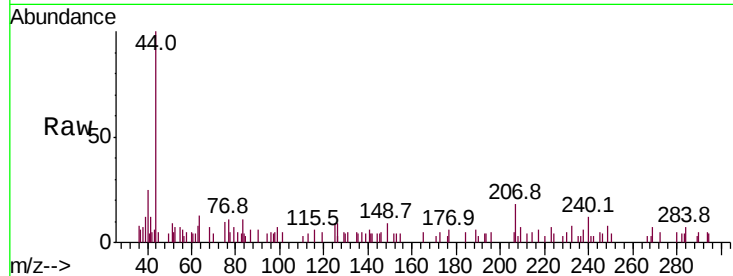




#39
Methylcyclohexane
Concen: 536.337 ug/l
RT: 5.84 min Scan# 538
Delta R.T. 0.18 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

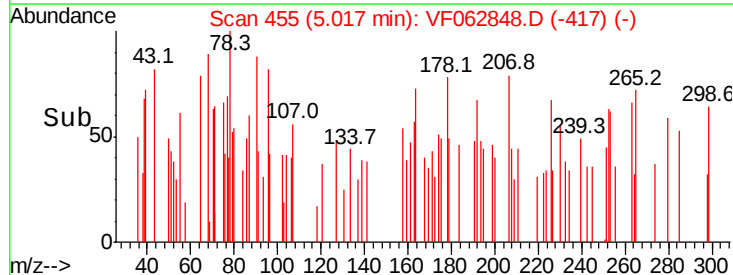
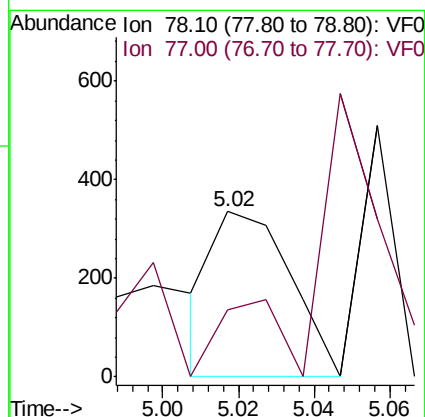
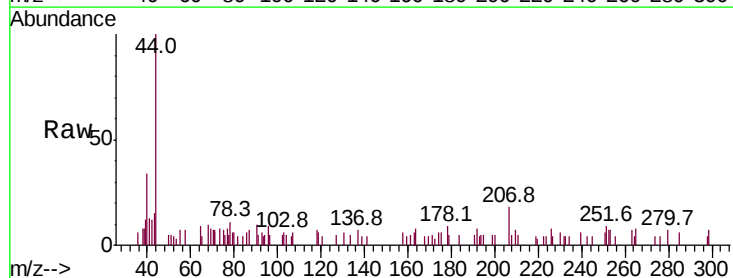
Instrument :
MSVOA_F
ClientSampled :
B-06-2.5-3.0

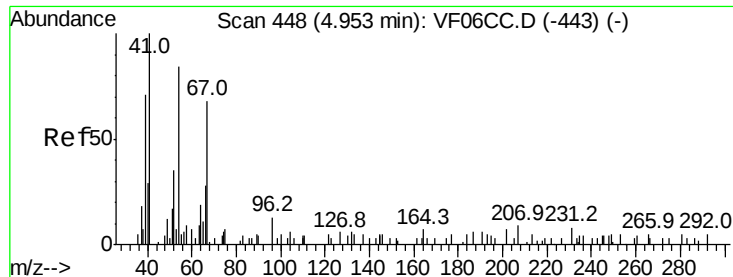
Tot Ion: 83 Resp: 381
Ion Ratio Lower Upper
83 100
55 60.8 61.6 92.4#
98 41.1 37.4 56.2



#40
Benzene
Concen: 285.346 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.17 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 78 Resp: 474
Ion Ratio Lower Upper
78 100
77 40.3 18.9 28.3#





#41

Methacrylonitrile

Concen: 4831.276 ug/l

RT: 5.16 min Scan# 469

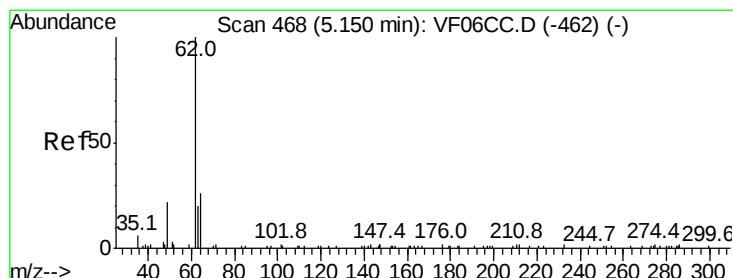
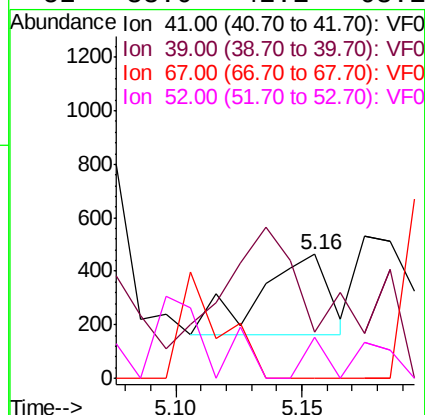
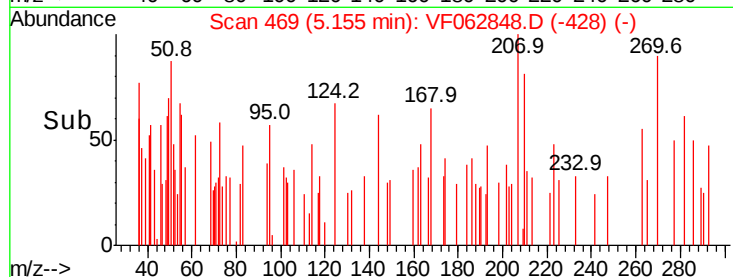
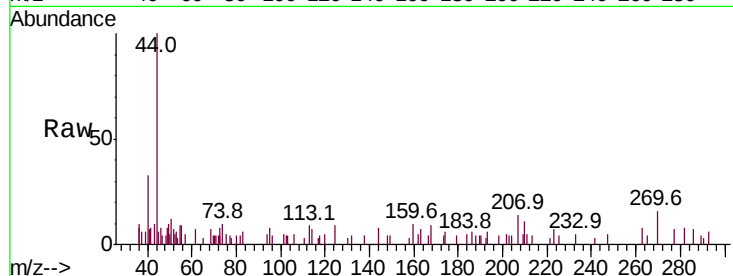
Delta R.T. 0.20 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

Tot Ion:	41	Resp:	586
Ion	Ratio	Lower	Upper
41	100		
39	37.5	42.0	63.0#
67	0.0	61.4	92.0#
52	33.0	42.1	63.1#



#42

1,2-Dichloroethane

Concen: 940.064 ug/l

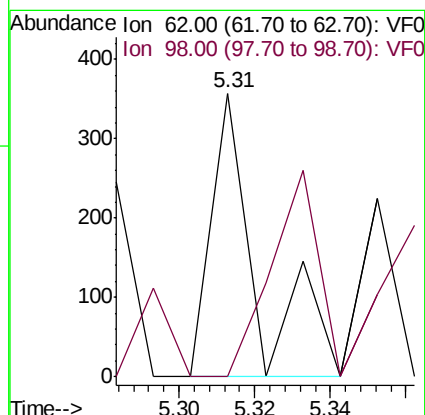
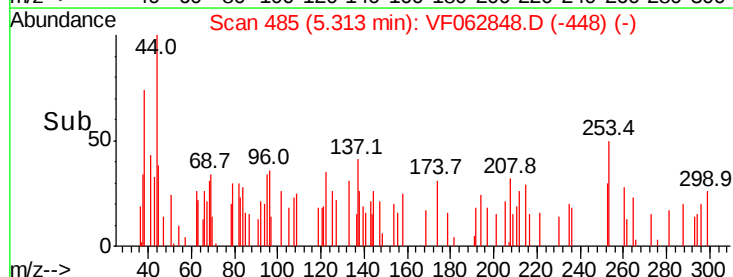
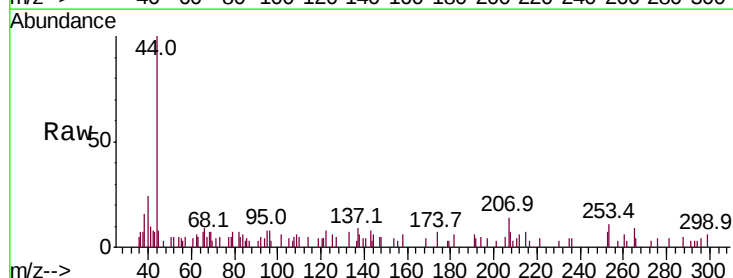
RT: 5.31 min Scan# 485

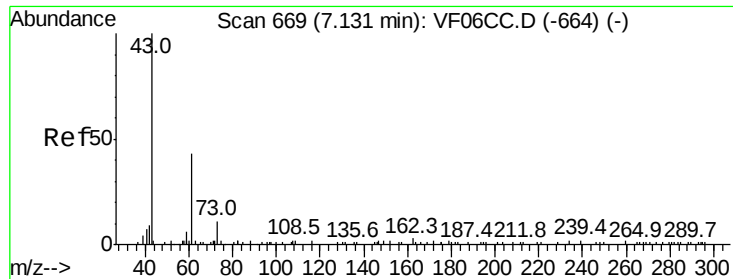
Delta R.T. 0.16 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Tgt Ion:	62	Resp:	297
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	24.0



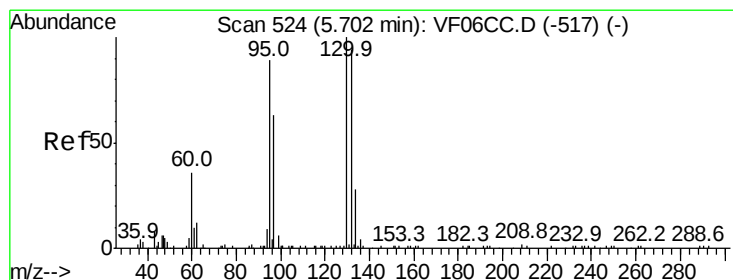
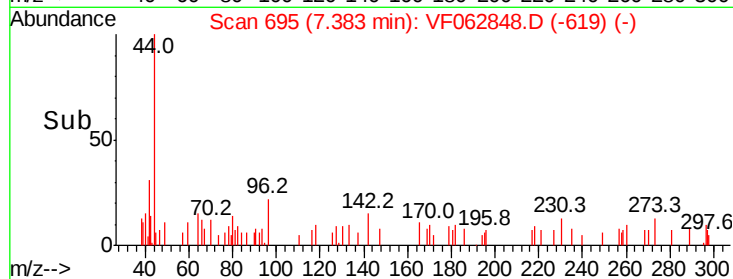
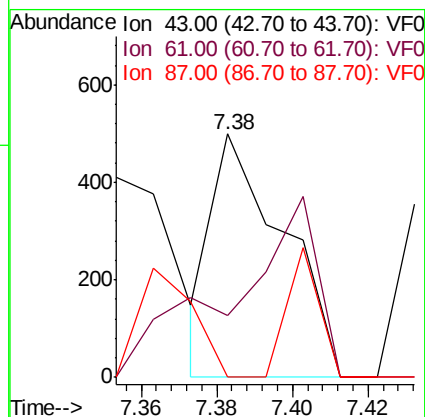
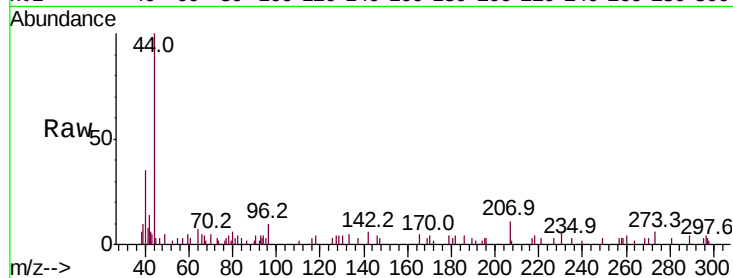


#43

Isopropyl Acetate
 Concen: 2248.259 ug/l
 RT: 7.38 min Scan# 695
 Delta R.T. 0.25 min
 Lab File: VF062848.D
 Acq: 4 Jun 2019 19:33

Instrument :
 MSVOA_F
 ClientSampleId :
 B-06-2.5-3.0

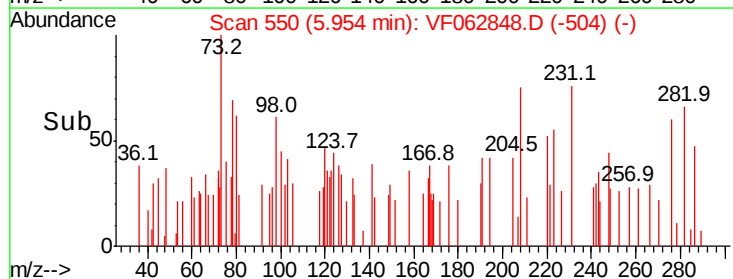
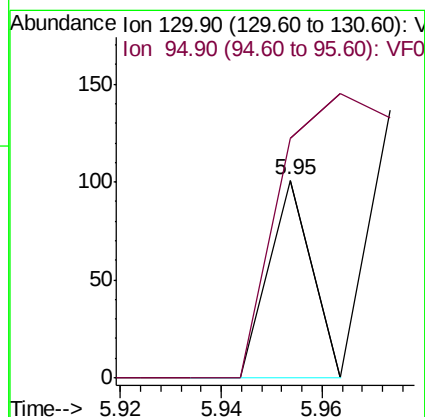
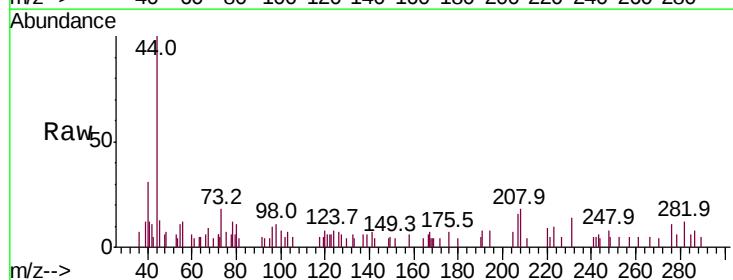
Tot Ion: 43 Resp: 648
 Ion Ratio Lower Upper
 43 100
 61 25.5 29.8 44.6#
 87 0.0 0.3 0.5#

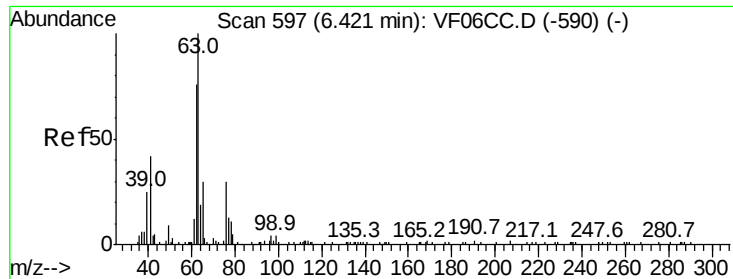


#44

Trichloroethene
 Concen: 127.983 ug/l
 RT: 5.95 min Scan# 550
 Delta R.T. 0.25 min
 Lab File: VF062848.D
 Acq: 4 Jun 2019 19:33

Tgt Ion:130 Resp: 60
 Ion Ratio Lower Upper
 130 100
 95 120.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 688.487 ug/l

RT: 6.67 min Scan# 623

Delta R.T. 0.24 min

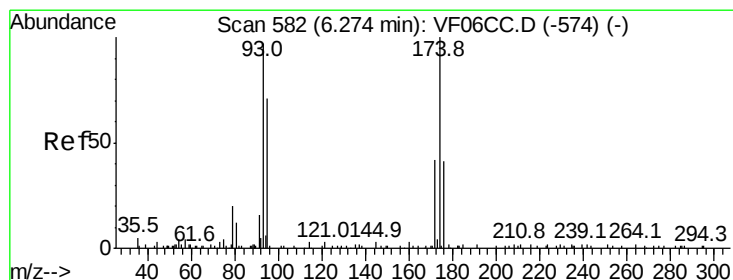
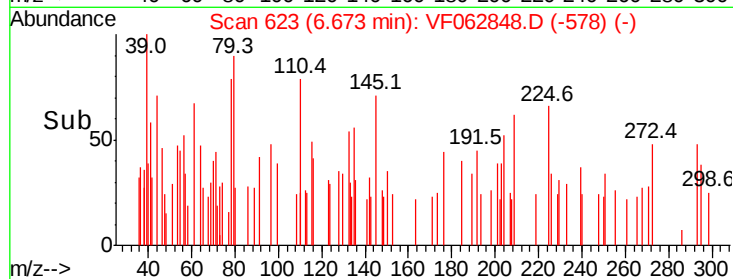
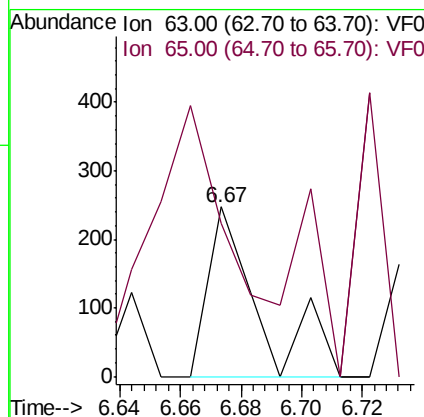
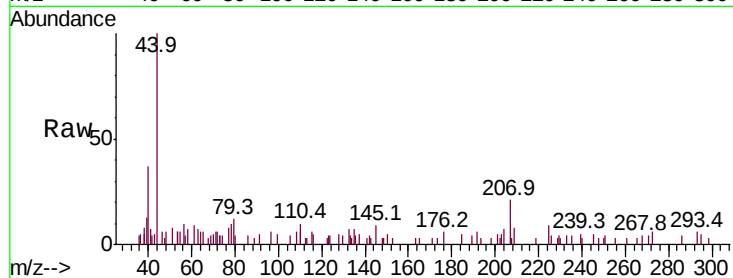
Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

Tot Ion: 63 Resp: 287

Ion	Ratio	Lower	Upper
63	100		
65	90.3	24.2	36.2#



#46

Dibromomethane

Concen: 460.188 ug/l

RT: 6.49 min Scan# 604

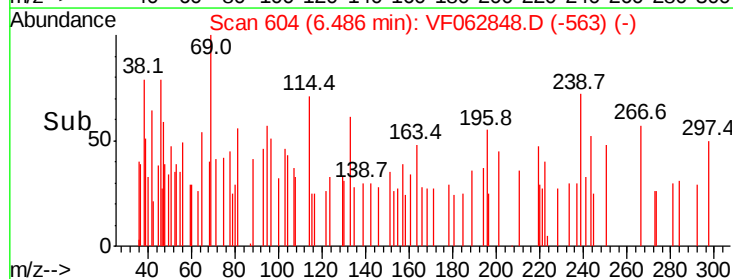
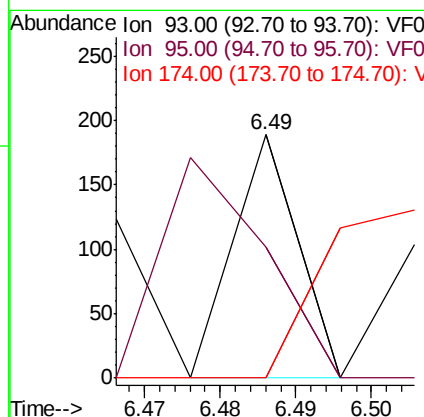
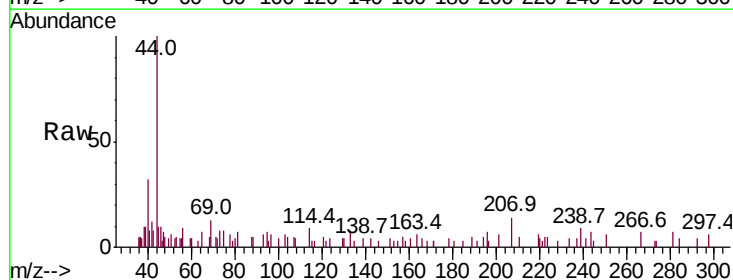
Delta R.T. 0.20 min

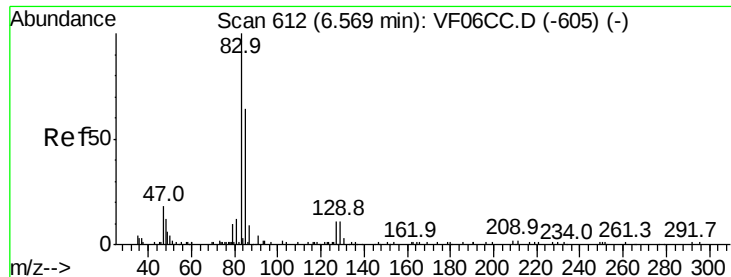
Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Tgt Ion: 93 Resp: 112

Ion	Ratio	Lower	Upper
93	100		
95	54.0	67.9	101.9#
174	0.0	85.0	127.4#





#47

Bromodichloromethane

Concen: 1047.095 ug/l

RT: 6.83 min Scan# 639

Delta R.T. 0.25 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

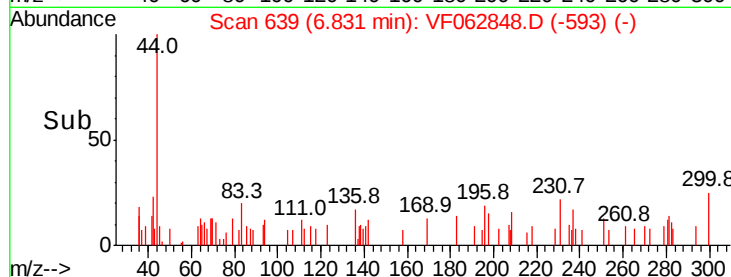
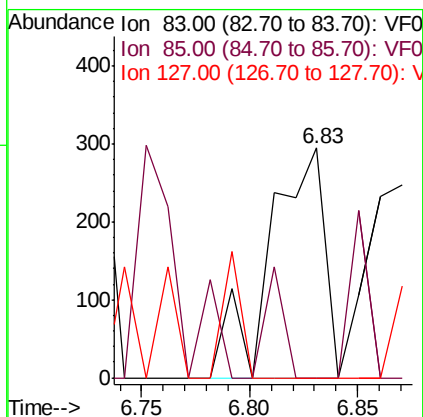
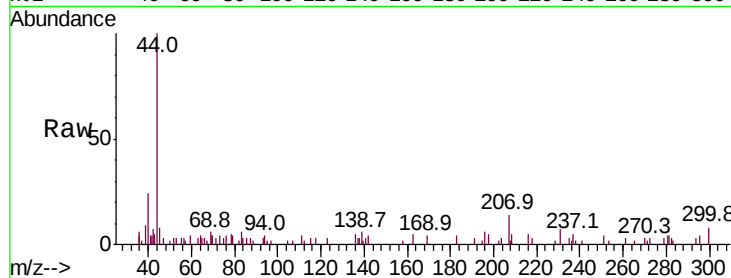
Tot Ion: 83 Resp: 519

Ion Ratio Lower Upper

83 100

85 0.0 54.2 81.4#

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 6691.800 ug/l

RT: 7.14 min Scan# 670

Delta R.T. 0.24 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

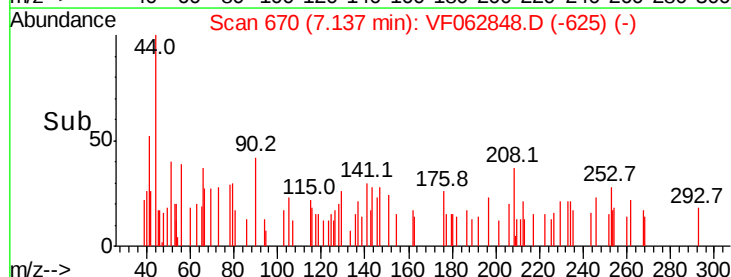
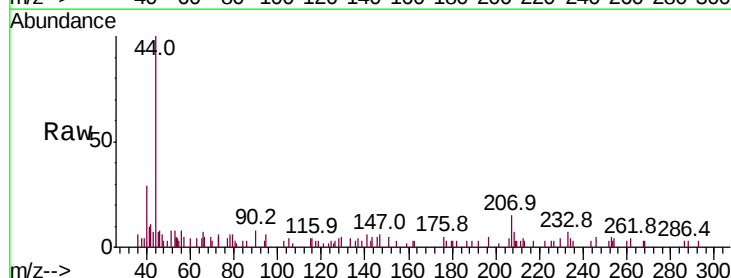
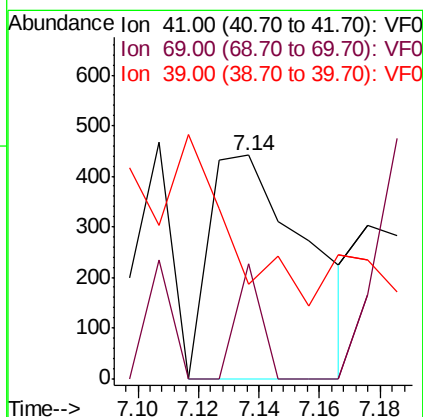
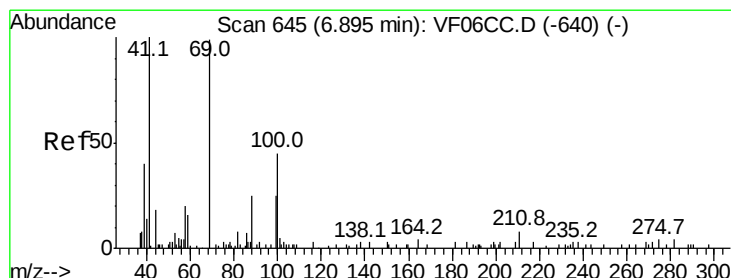
Tgt Ion: 41 Resp: 994

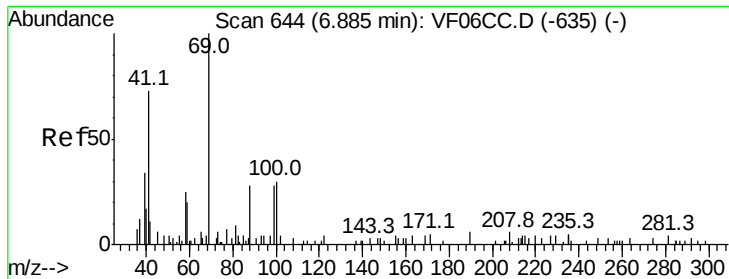
Ion Ratio Lower Upper

41 100

69 51.2 79.4 119.2#

39 42.4 39.8 59.6





#49

1,4-Dioxane

Concen: 68439.830 ug/l

RT: 7.10 min Scan# 666

Delta R.T. 0.21 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

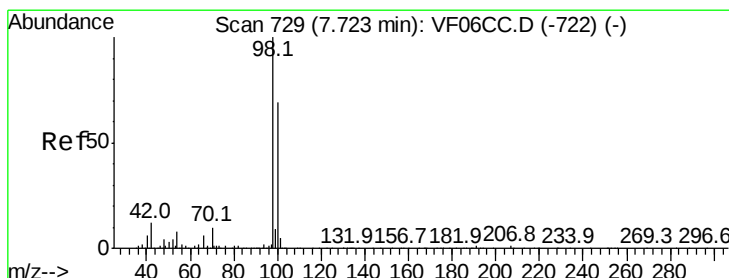
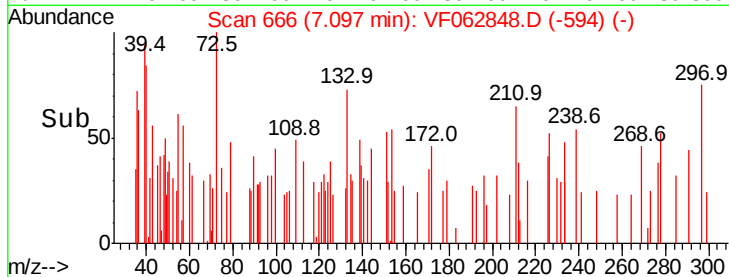
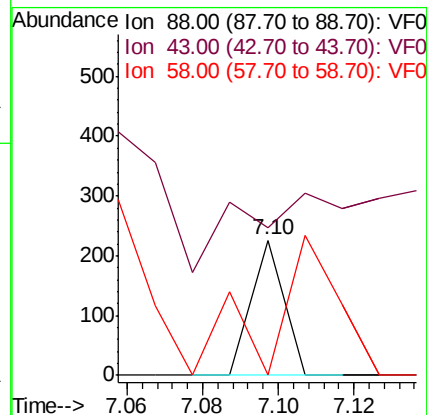
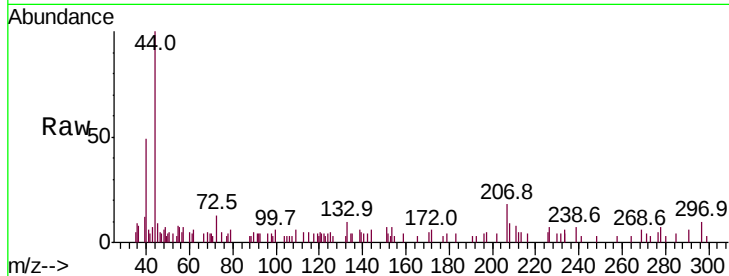
Tot Ion: 88 Resp: 134

Ion Ratio Lower Upper

88 100

43 109.3 34.8 52.2#

58 0.0 59.9 89.9#



#50

Toluene-d8

Concen: 135.051 ug/l

RT: 7.98 min Scan# 756

Delta R.T. 0.25 min

Lab File: VF062848.D

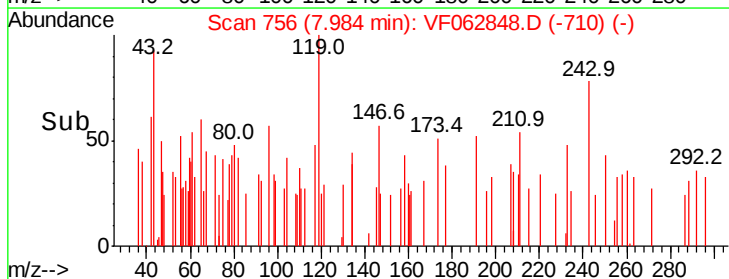
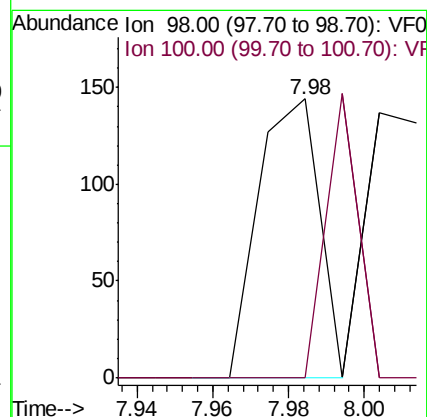
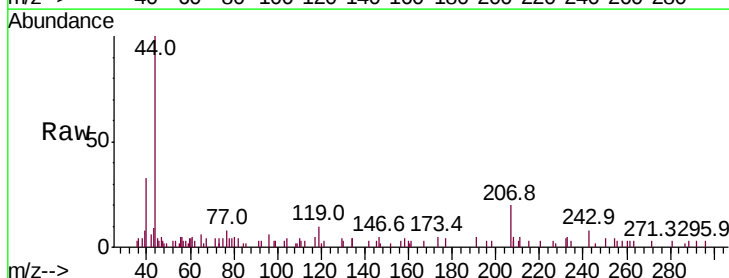
Acq: 4 Jun 2019 19:33

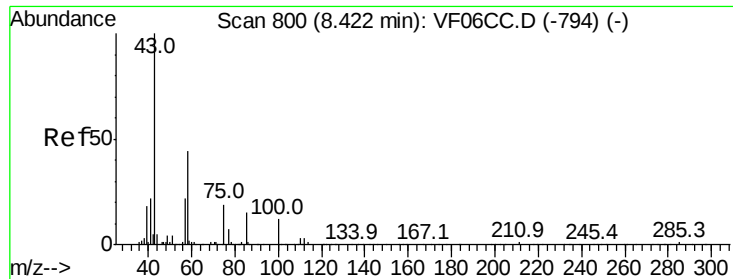
Tgt Ion: 98 Resp: 160

Ion Ratio Lower Upper

98 100

100 0.0 59.8 89.8#

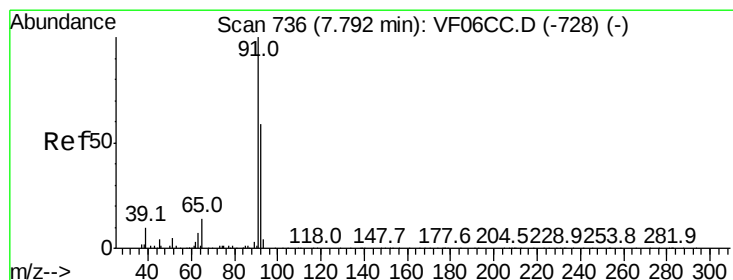
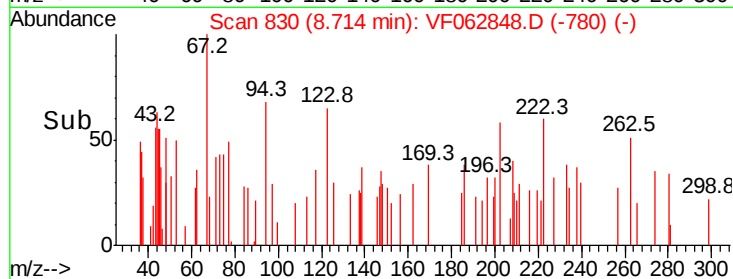
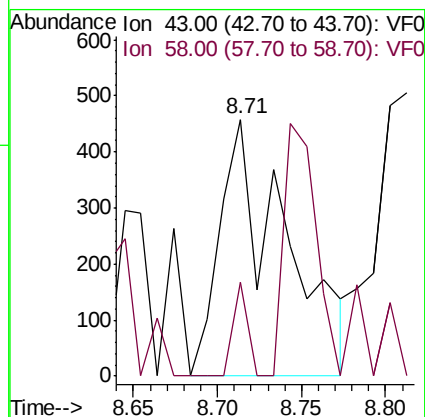
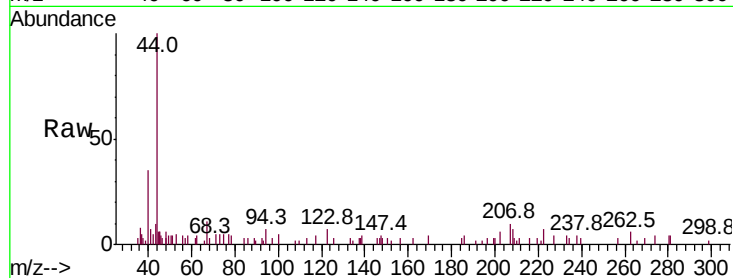




#51
4-Methyl-2-Pentanone
Concen: 5982.290 ug/l
RT: 8.71 min Scan# 830
Delta R.T. 0.29 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

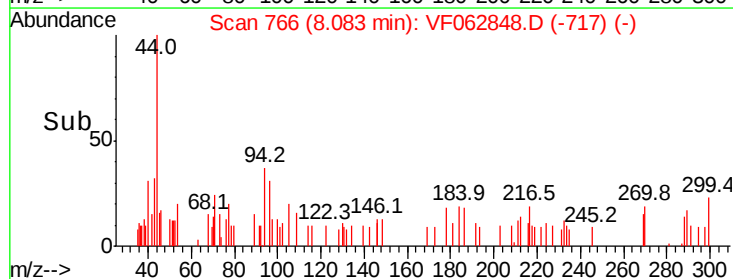
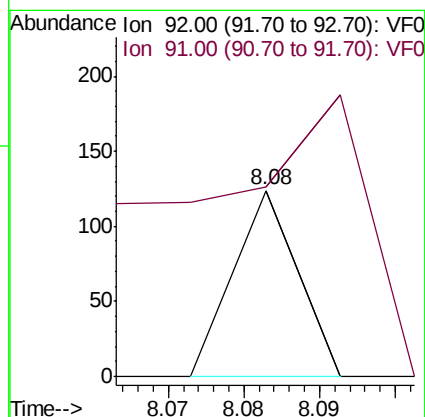
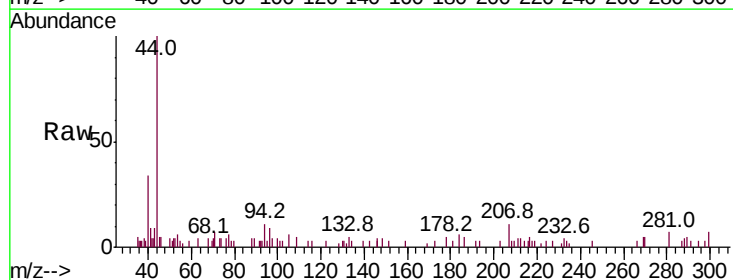
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

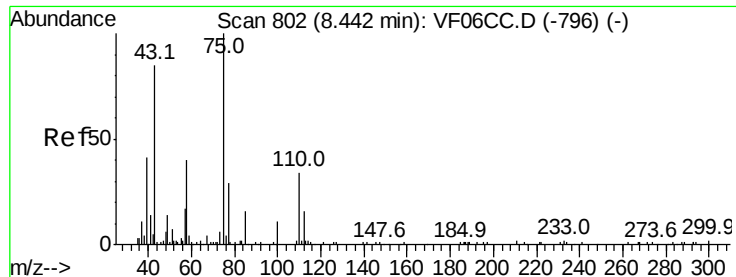
Tot Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 36.7 35.5 53.3



#52
Toluene
Concen: 81.591 ug/l
RT: 8.08 min Scan# 766
Delta R.T. 0.28 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 92 Resp: 73
Ion Ratio Lower Upper
92 100
91 101.6 123.2 184.8#

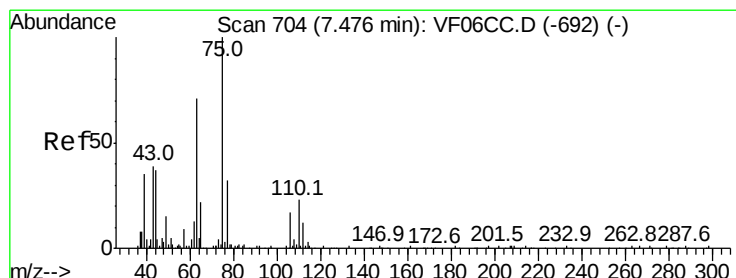
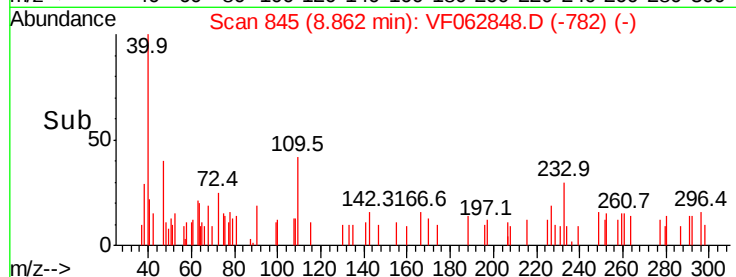
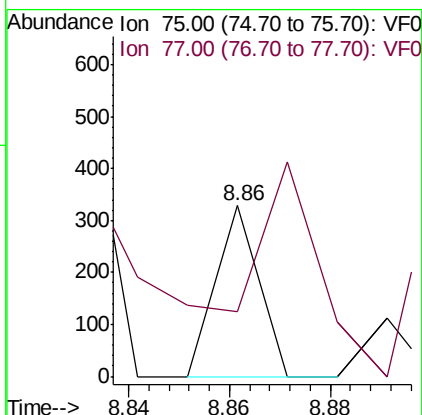
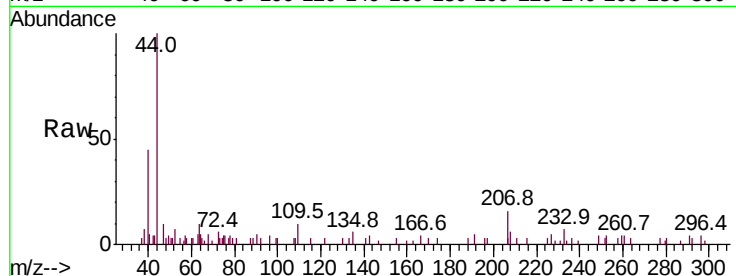




#53
 t-1,3-Dichloropropene
 Concen: 472.336 ug/l
 RT: 8.86 min Scan# 845
 Delta R.T. 0.42 min
 Lab File: VF062848.D
 Acq: 4 Jun 2019 19:33

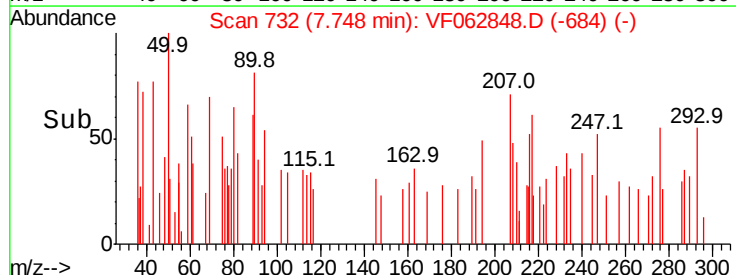
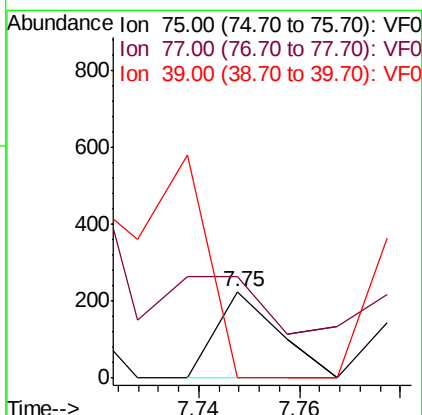
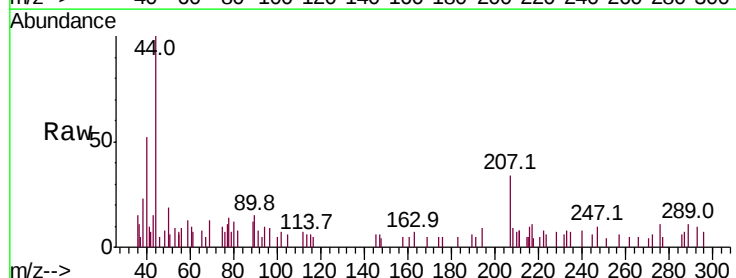
Instrument :
 MSVOA_F
 ClientSampleId :
 B-06-2.5-3.0

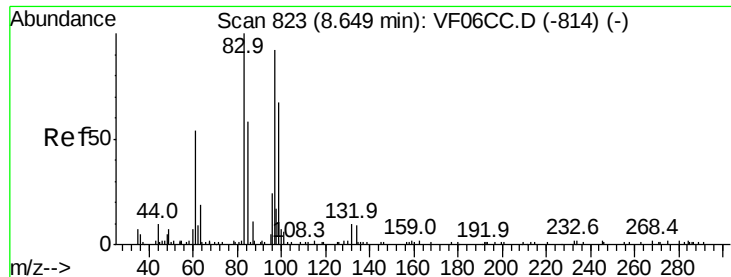
Tot Ion: 75 Resp: 194
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 324.625 ug/l
 RT: 7.75 min Scan# 732
 Delta R.T. 0.27 min
 Lab File: VF062848.D
 Acq: 4 Jun 2019 19:33

Tgt Ion: 75 Resp: 193
 Ion Ratio Lower Upper
 75 100
 77 117.9 25.8 38.8#
 39 0.0 28.4 42.6#





#55

1,1,2-Trichloroethane

Concen: 636.006 ug/l

RT: 8.95 min Scan# 854

Delta R.T. 0.30 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

Tot Ion: 97 Resp: 170

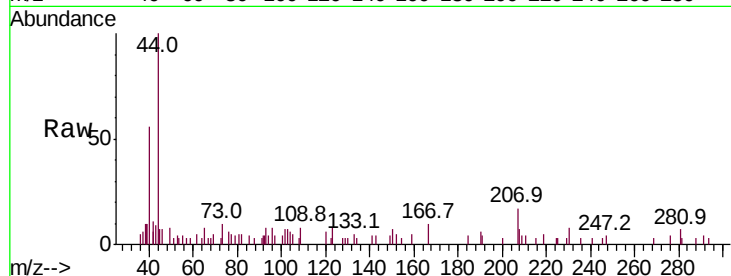
Ion Ratio Lower Upper

97 100

83 0.0 72.0 108.0#

85 104.8 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

400

300

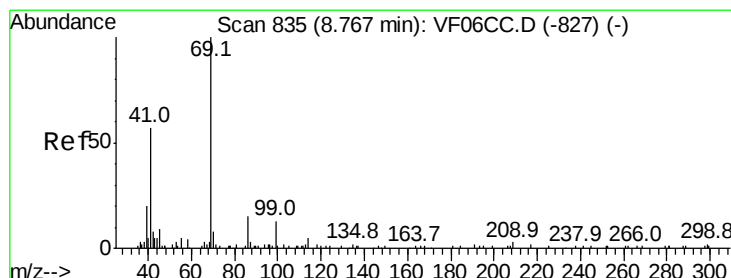
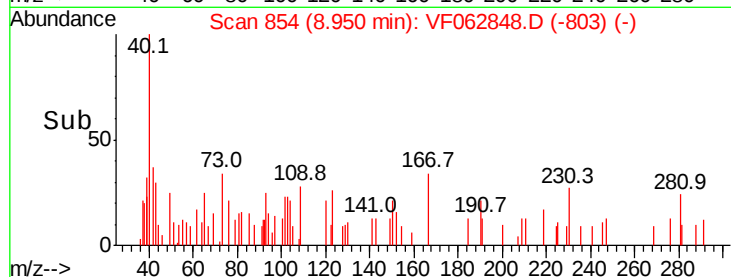
200

100

0

8.92 8.94 8.96 8.98

Time-->



#56

Ethyl methacrylate

Concen: 951.890 ug/l

RT: 9.09 min Scan# 868

Delta R.T. 0.31 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

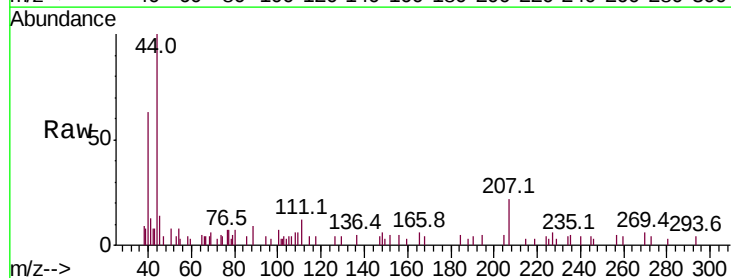
Tgt Ion: 69 Resp: 273

Ion Ratio Lower Upper

69 100

41 223.3 46.6 69.8#

39 135.7 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

600

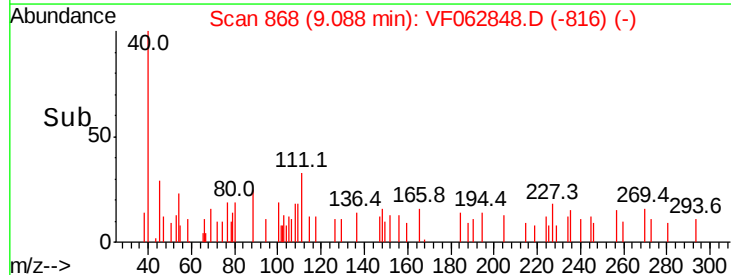
400

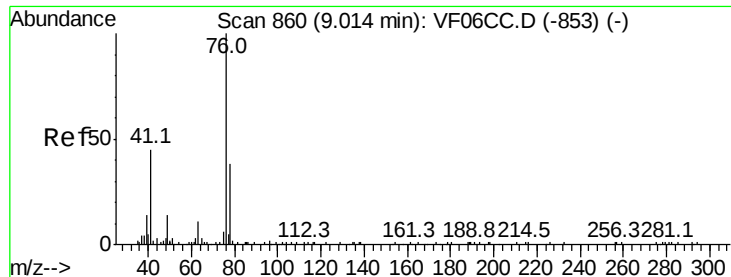
200

0

9.06 9.08 9.10 9.12

Time-->





#57

1,3-Dichloropropane

Concen: 1001.161 ug/l

RT: 9.32 min Scan# 892

Delta R.T. 0.31 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampled :

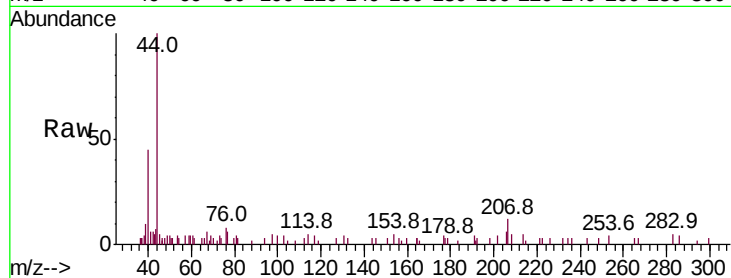
B-06-2.5-3.0

Tot Ion: 76 Resp: 437

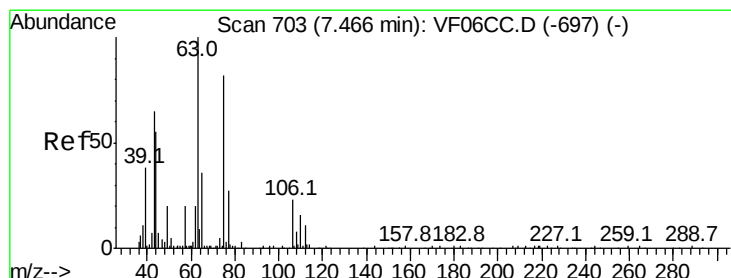
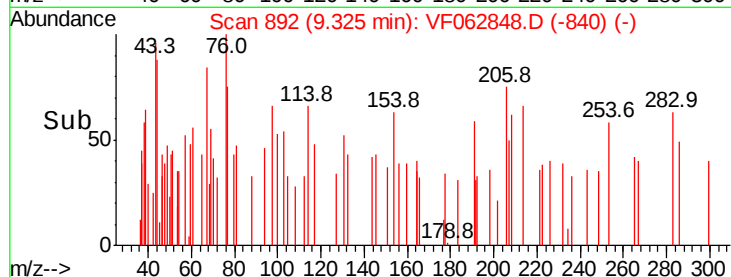
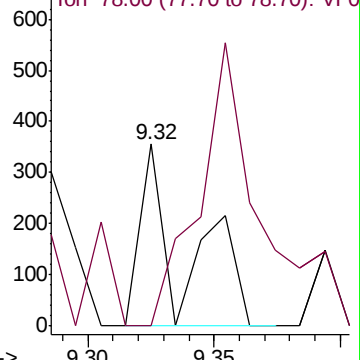
Ion Ratio Lower Upper

76 100

78 0.0 26.8 40.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 897.912 ug/l

RT: 7.74 min Scan# 731

Delta R.T. 0.27 min

Lab File: VF062848.D

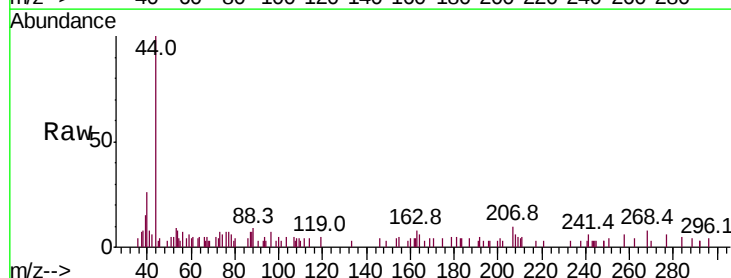
Acq: 4 Jun 2019 19:33

Tgt Ion: 63 Resp: 90

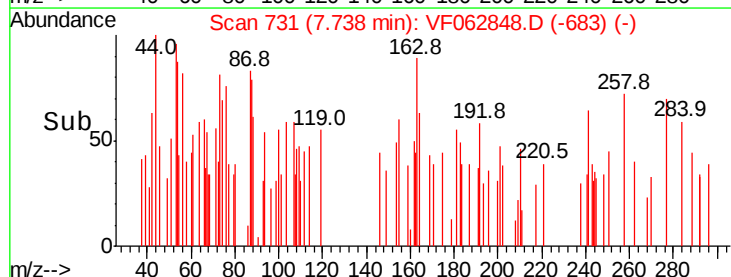
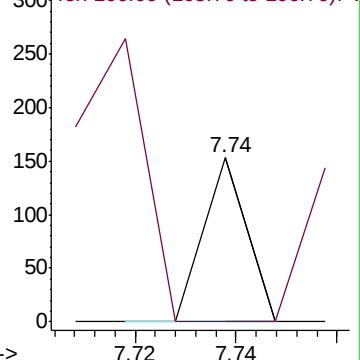
Ion Ratio Lower Upper

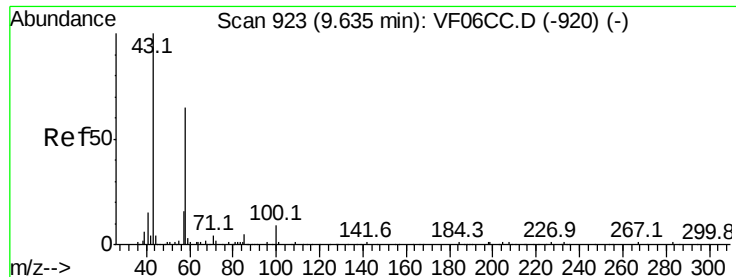
63 100

106 0.0 19.5 29.3#



Abundance Ion 63.00 (62.70 to 63.70): VF0

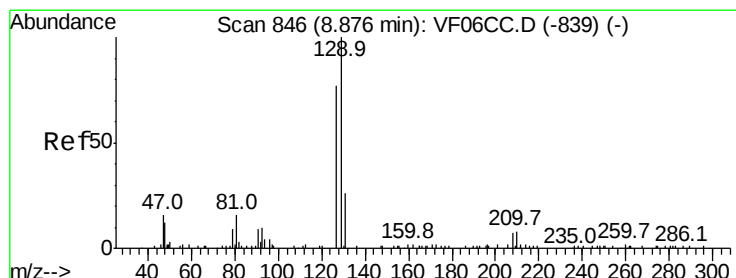
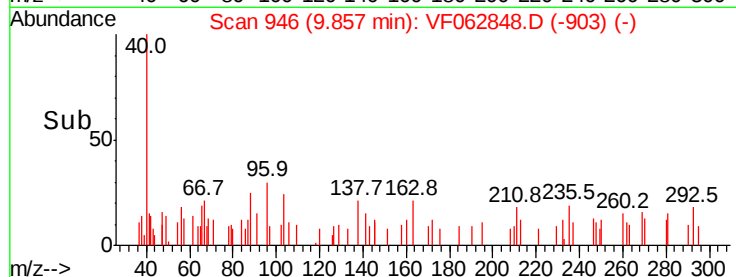
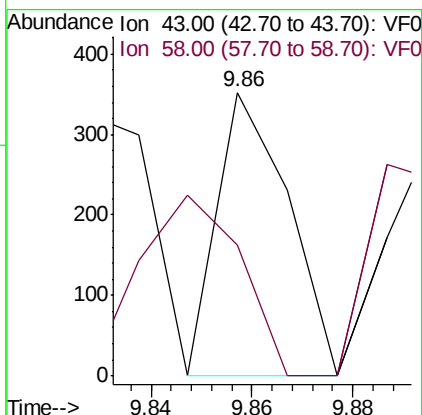
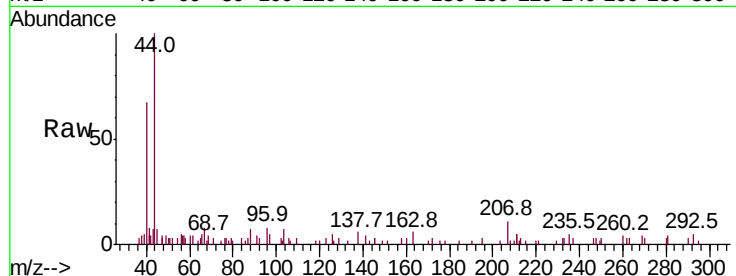




#59
2-Hexanone
Concen: 2352.233 ug/l
RT: 9.86 min Scan# 946
Delta R.T. 0.22 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

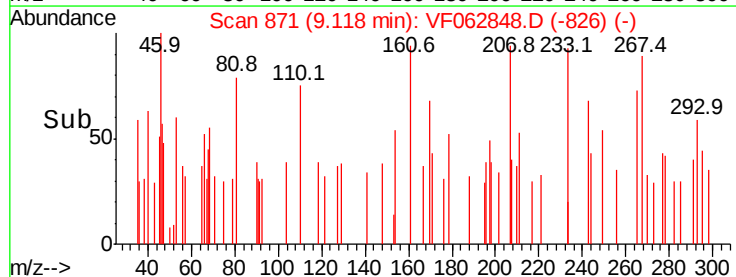
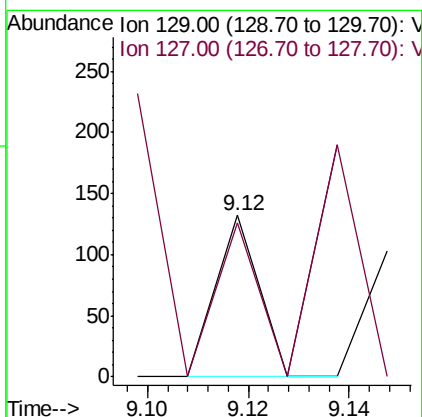
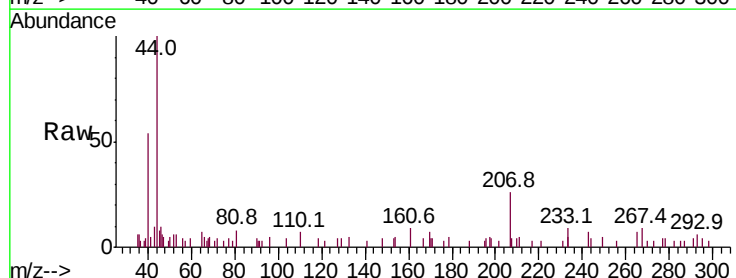
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

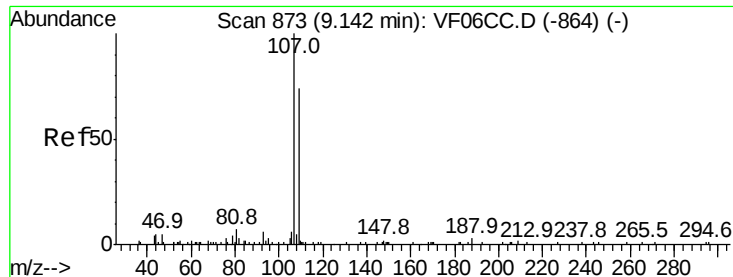
Tot Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
58 46.0 29.3 87.9



#60
Dibromochloromethane
Concen: 235.703 ug/l
RT: 9.12 min Scan# 871
Delta R.T. 0.24 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 129 Resp: 78
Ion Ratio Lower Upper
129 100
127 95.5 37.1 111.3





#61

1,2-Dibromoethane

Concen: 1289.629 ug/l

RT: 9.46 min Scan# 906

Delta R.T. 0.31 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

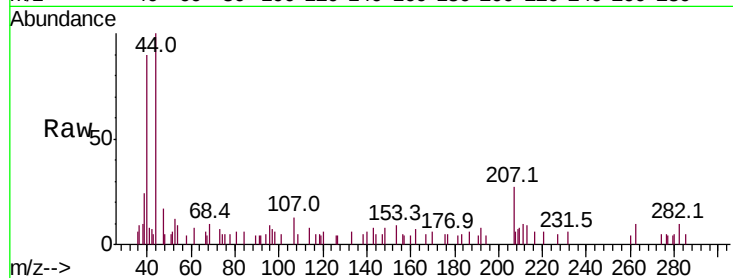
B-06-2.5-3.0

Tot Ion: 107 Resp: 358

Ion Ratio Lower Upper

107 100

109 36.3 78.1 117.1#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.46

300

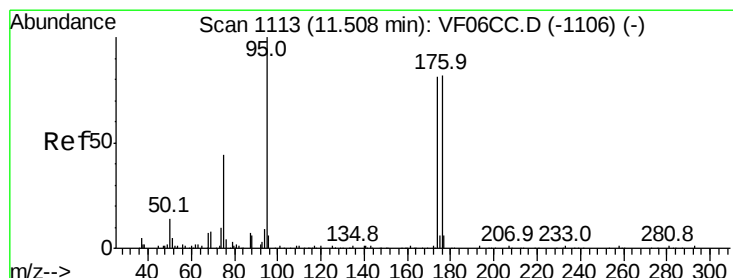
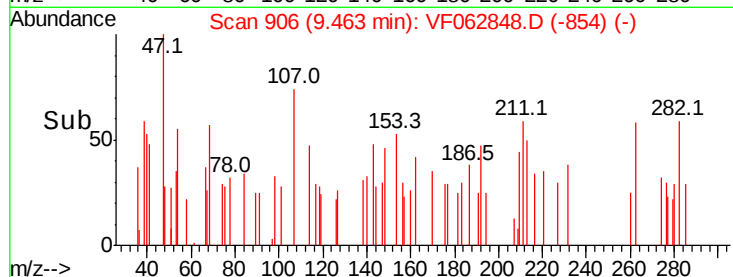
200

100

0

9.40 9.45 9.50

Time-->



#62

4-Bromofluorobenzene

Concen: 945.645 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.40 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

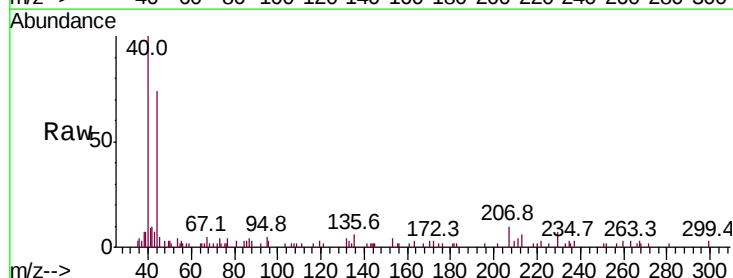
Tgt Ion: 95 Resp: 403

Ion Ratio Lower Upper

95 100

174 22.8 0.0 170.6

176 25.5 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

11.91

300

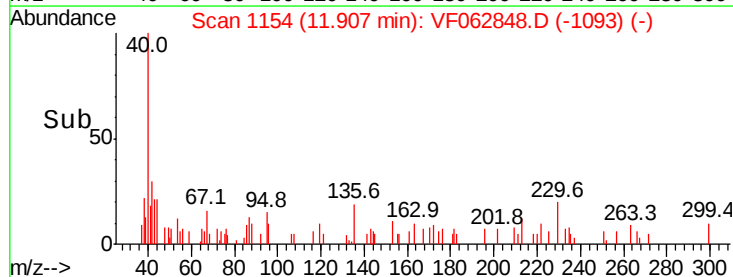
200

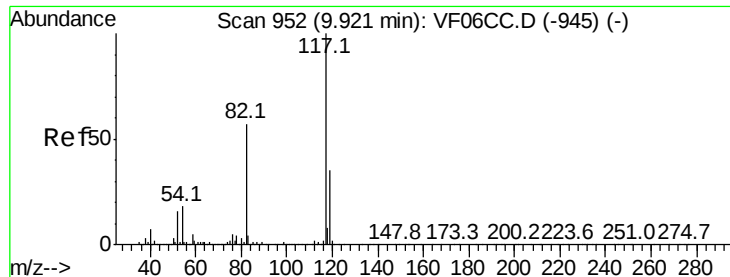
100

0

11.90 11.95

Time-->

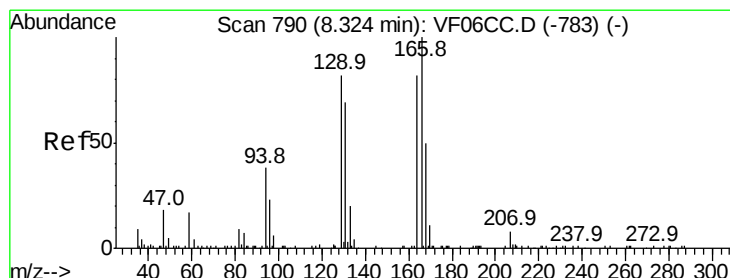
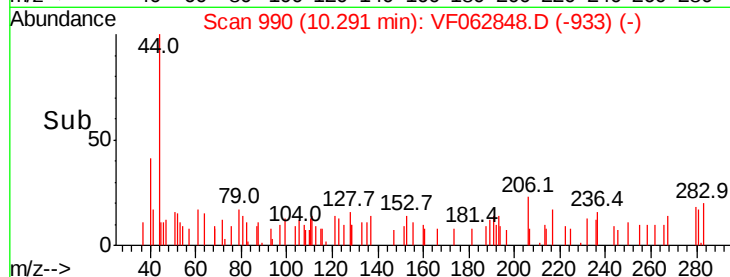
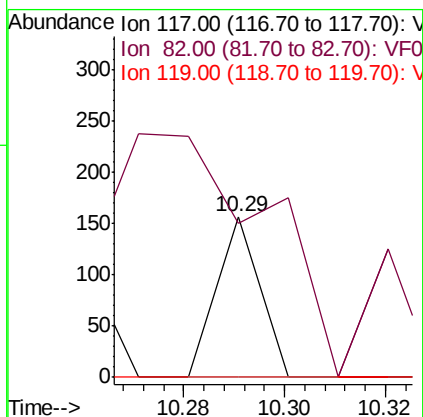
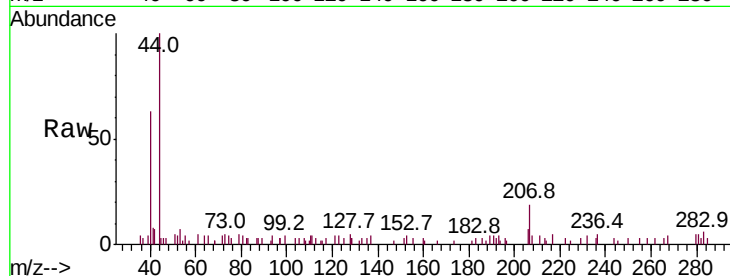




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.29 min Scan# 990
Delta R.T. 0.36 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

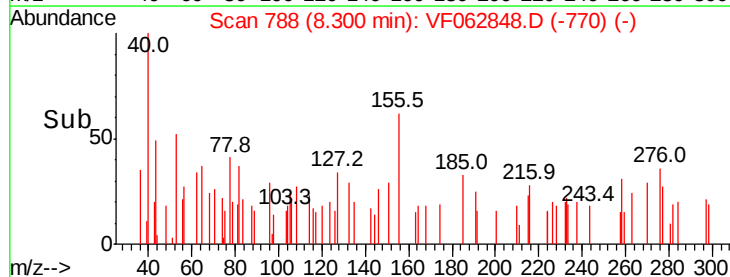
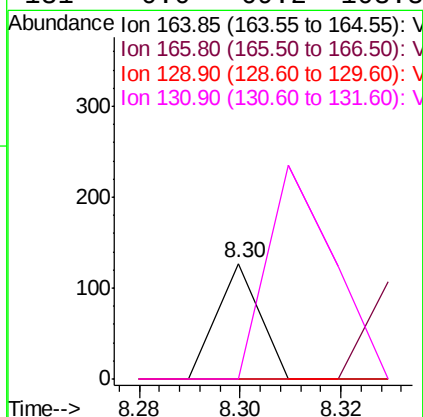
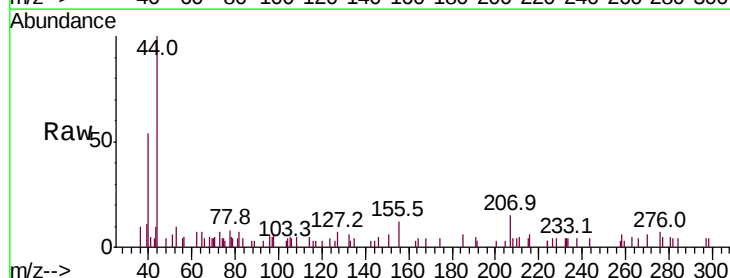
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

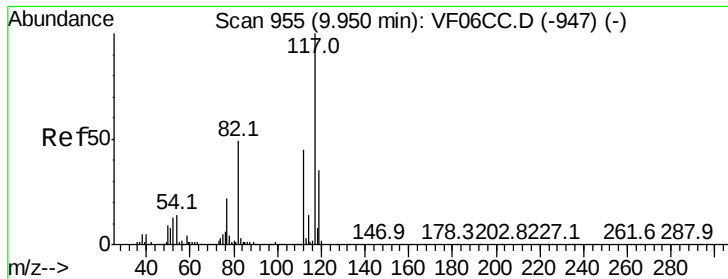
Tot Ion:117 Resp: 93
Ion Ratio Lower Upper
117 100
82 95.5 42.4 63.6#
119 0.0 27.1 40.7#



#64
Tetrachloroethene
Concen: 104.947 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.03 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion:164 Resp: 75
Ion Ratio Lower Upper
164 100
166 0.0 99.1 148.7#
129 0.0 69.5 104.3#
131 0.0 69.2 103.8#





#65

Chlorobenzene

Concen: 42.317 ug/l

RT: 9.95 min Scan# 955

Delta R.T. -0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

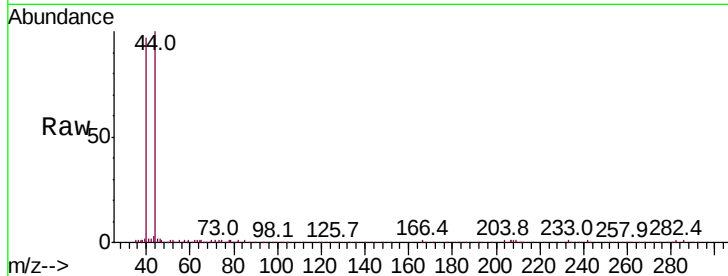
B-06-2.5-3.0

Tot Ion:112 Resp: 76

Ion Ratio Lower Upper

112 100

114 0.0 27.4 41.0#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

250

200

150

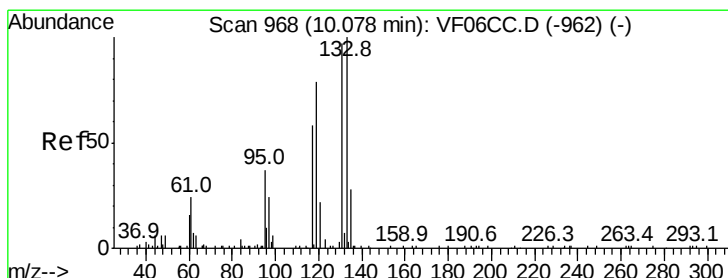
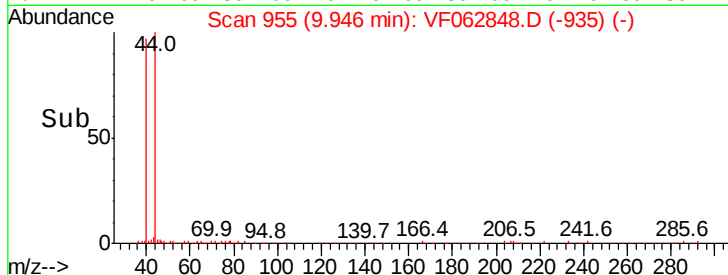
100

50

0

9.94 9.96

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 225.093 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.04 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

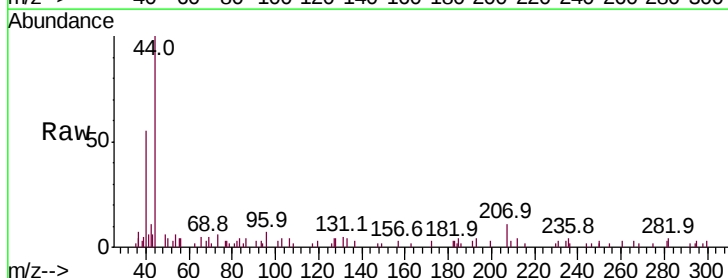
Tgt Ion:131 Resp: 161

Ion Ratio Lower Upper

131 100

133 73.3 48.9 146.7

119 61.9 38.0 114.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

500

400

300

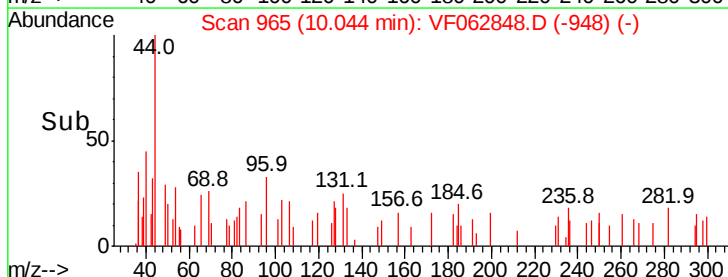
200

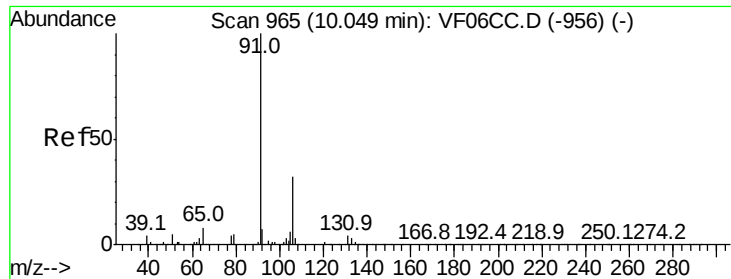
100

0

10.02 10.04 10.06

Time-->

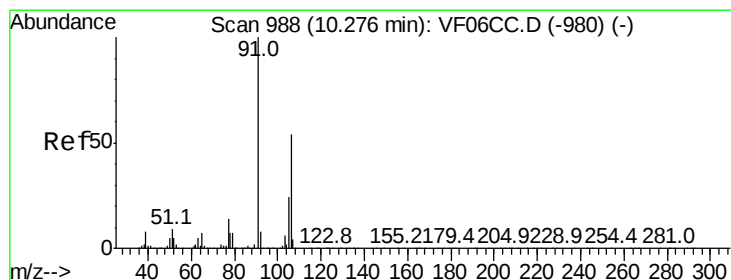
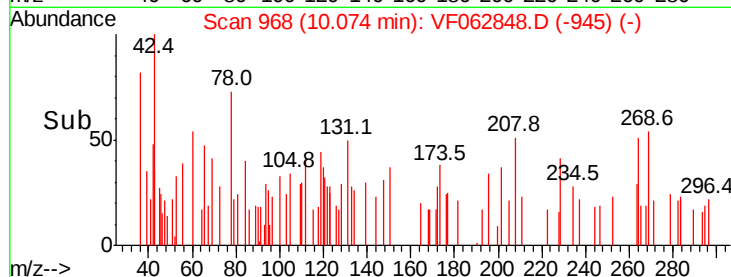
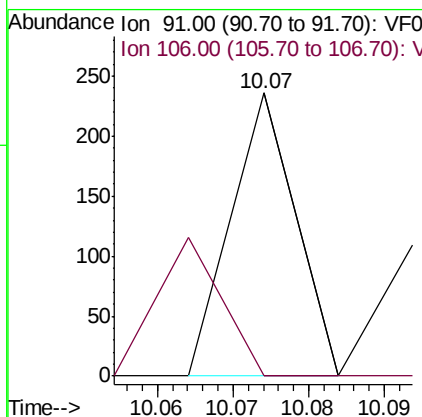
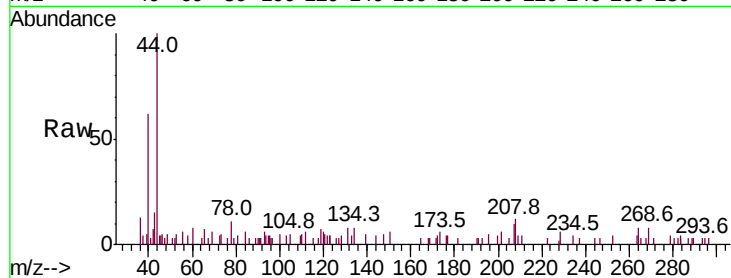




#67
Ethyl Benzene
Concen: 45.426 ug/l
RT: 10.07 min Scan# 968
Delta R.T. 0.02 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

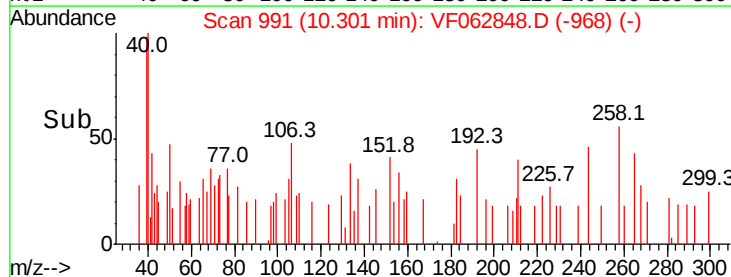
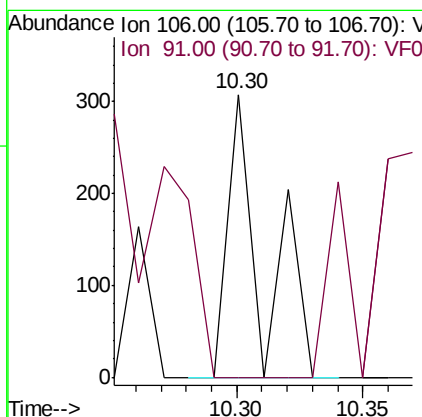
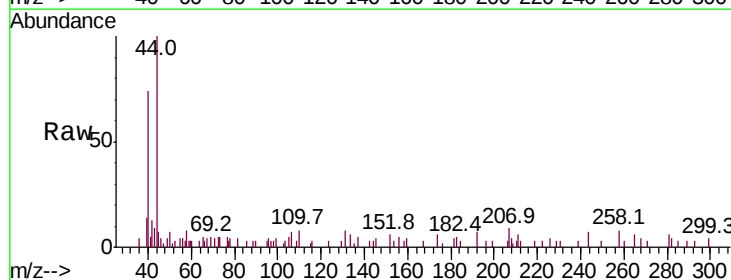
Instrument :
MSVOA_F
ClientSampled :
B-06-2.5-3.0

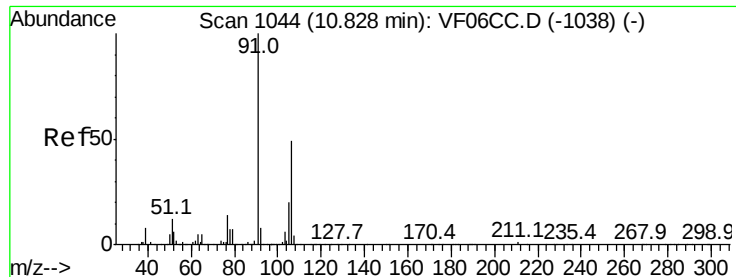
Tot Ion: 91 Resp: 140
Ion Ratio Lower Upper
91 100
106 0.0 26.0 39.0#



#68
m/p-Xylenes
Concen: 256.919 ug/l
RT: 10.30 min Scan# 991
Delta R.T. 0.02 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion: 106 Resp: 303
Ion Ratio Lower Upper
106 100
91 0.0 136.2 204.4#

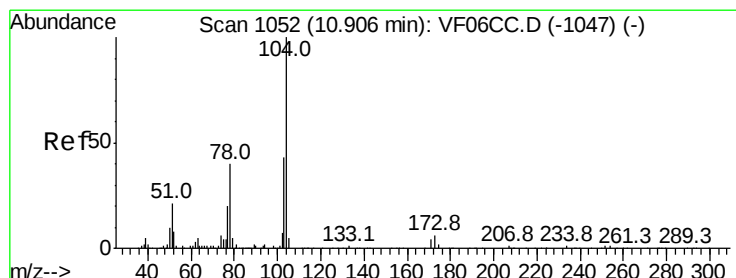
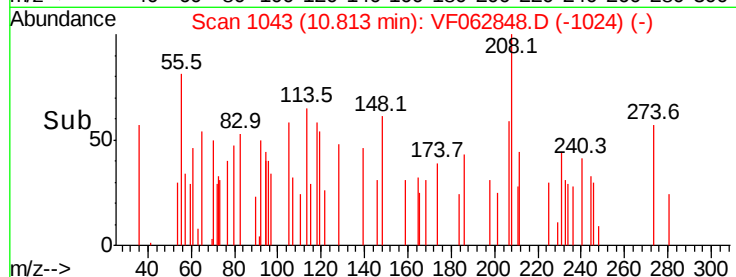
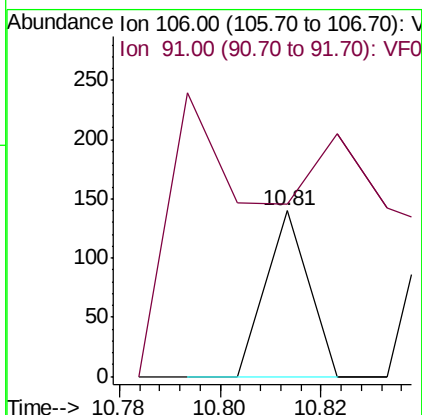
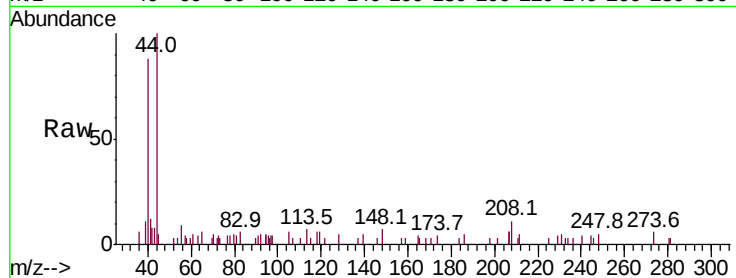




#69
o-Xylene
Concen: 69.511 ug/l
RT: 10.81 min Scan# 1043
Delta R.T. -0.02 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

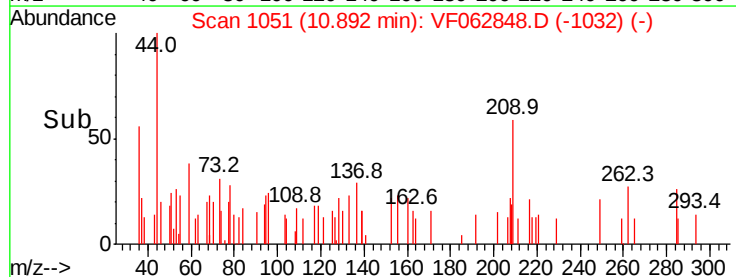
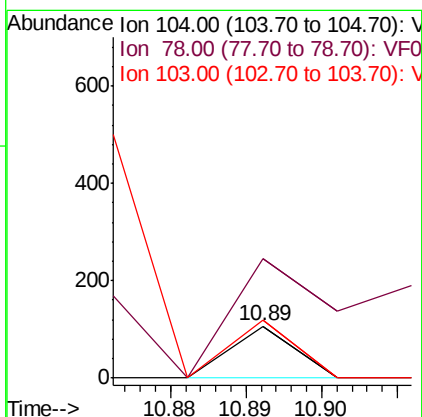
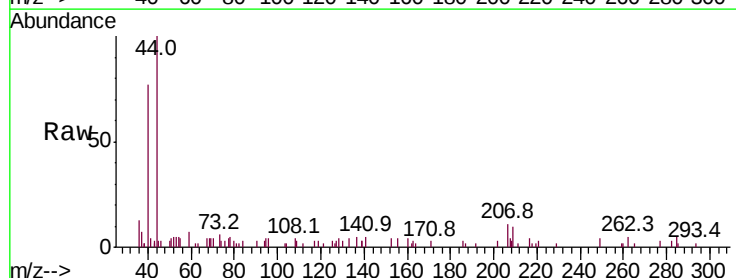
Instrument :
MSVOA_F
ClientSampleId :
B-06-2.5-3.0

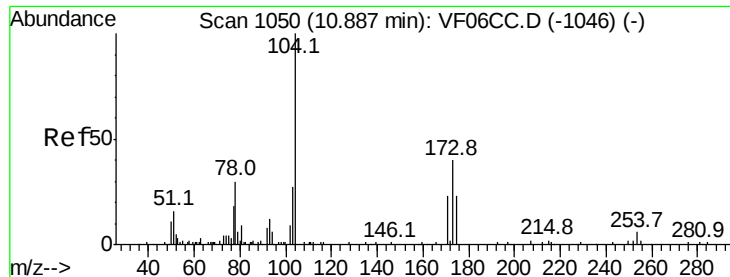
Tot Ion:106 Resp: 83
Ion Ratio Lower Upper
106 100
91 103.6 96.6 289.8



#70
Styrene
Concen: 35.796 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.02 min
Lab File: VF062848.D
Acq: 4 Jun 2019 19:33

Tgt Ion:104 Resp: 63
Ion Ratio Lower Upper
104 100
78 231.1 30.8 46.2#
103 112.3 35.8 53.6#





#71

Bromoform

Concen: 314.755 ug/l

RT: 10.92 min Scan# 1054

Delta R.T. 0.02 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

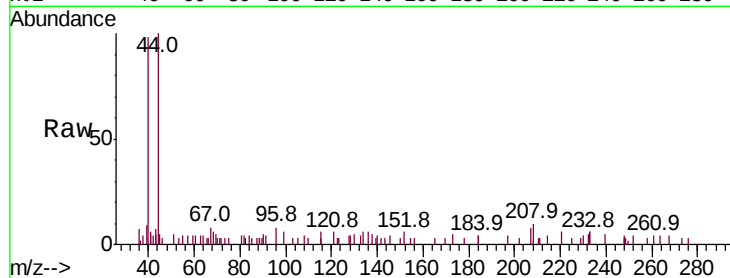
Tot Ion:173 Resp: 108

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

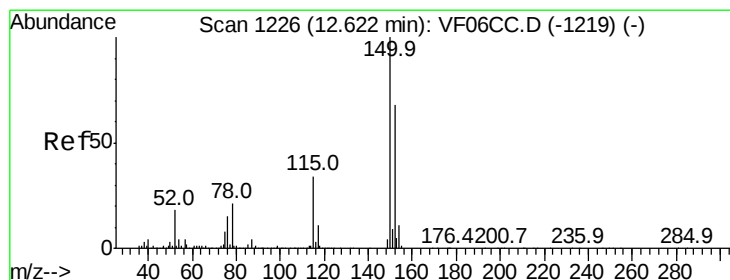
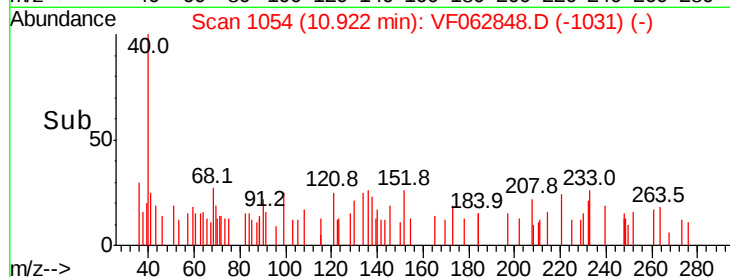
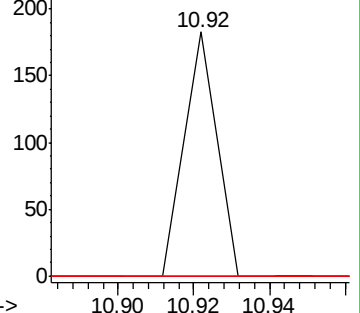
254 0.0 0.1 0.1#



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: 12.64 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

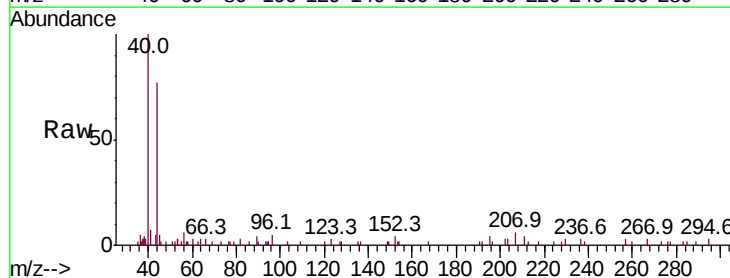
Tgt Ion:152 Resp: 160

Ion Ratio Lower Upper

152 100

115 0.0 24.6 74.0#

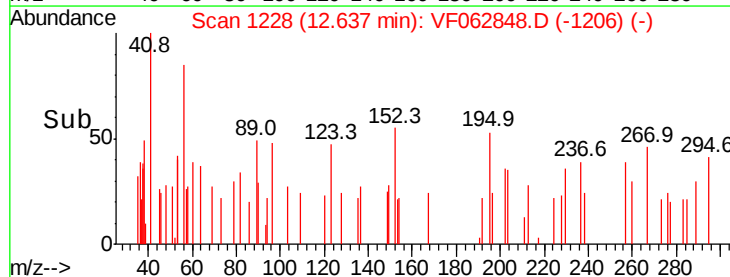
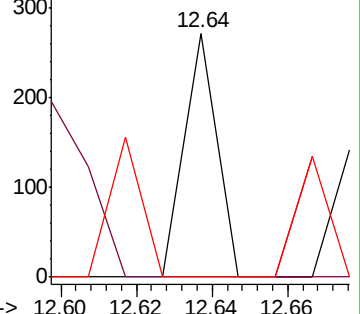
150 0.0 0.0 290.6

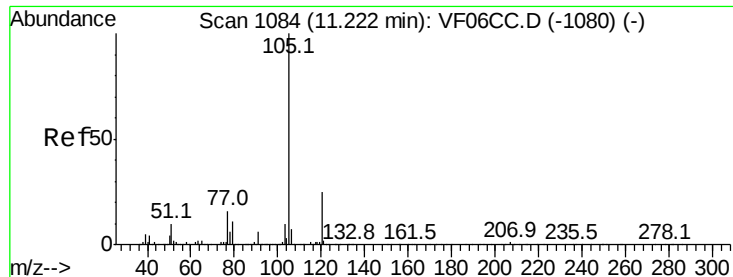


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 24.453 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

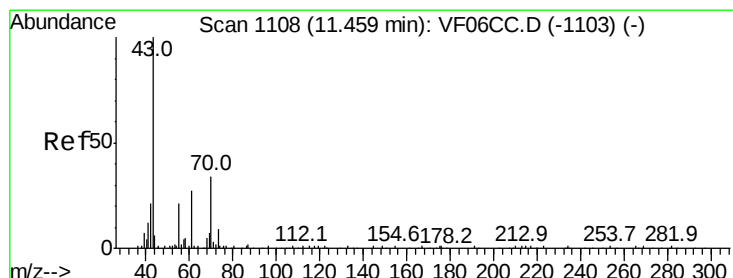
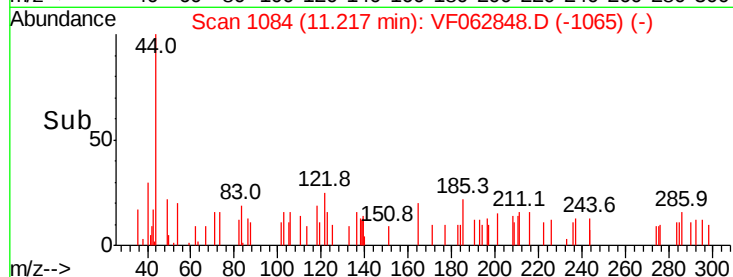
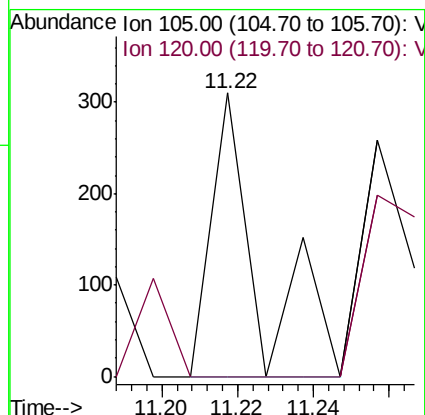
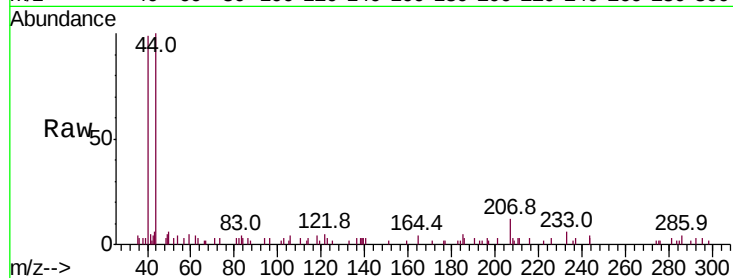
B-06-2.5-3.0

Tot Ion:105 Resp: 273

Ion Ratio Lower Upper

105 100

120 0.0 15.1 45.3#



#74

N-ethyl acetate

Concen: 360.396 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Tgt Ion: 43 Resp: 1134

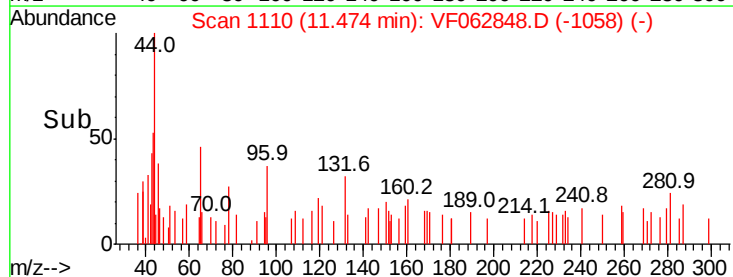
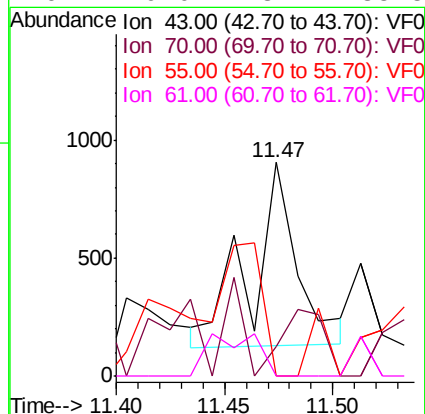
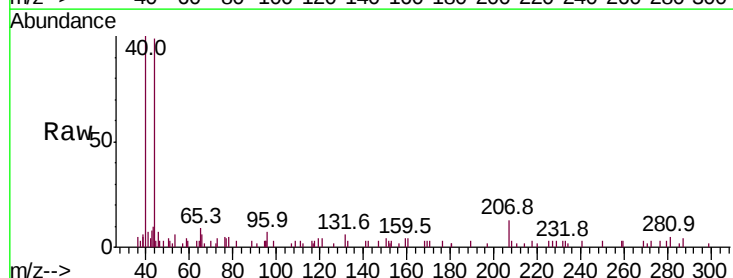
Ion Ratio Lower Upper

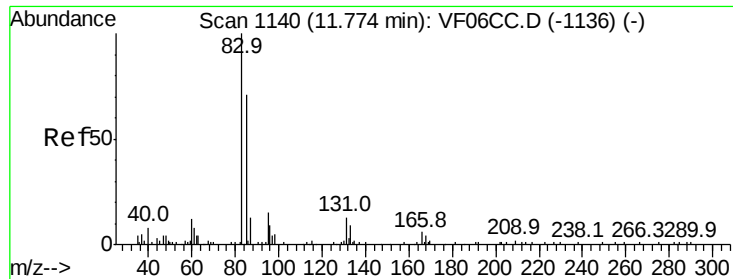
43 100

70 13.7 32.9 49.3#

55 0.0 17.3 25.9#

61 0.0 23.7 35.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 193.362 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

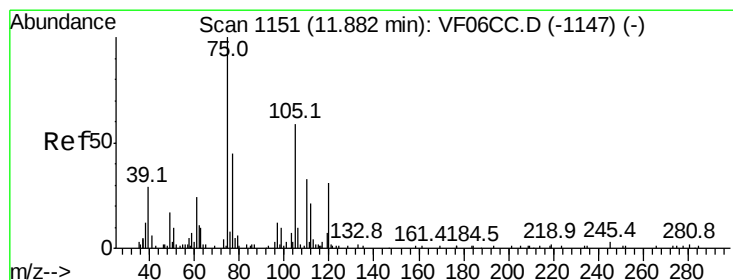
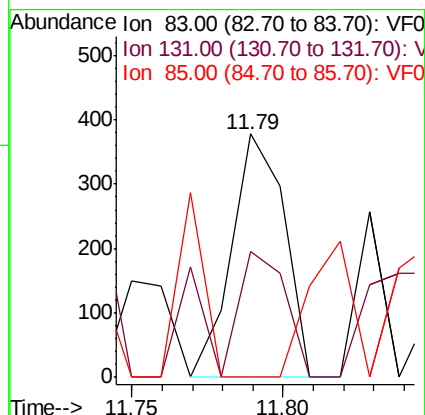
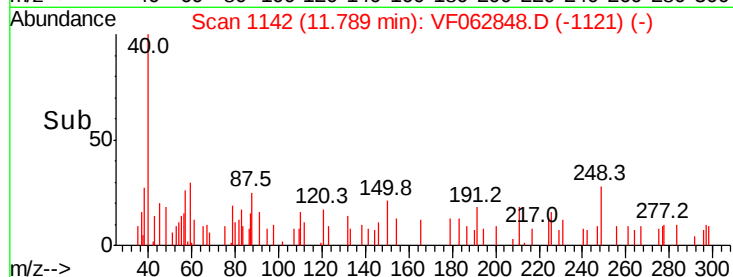
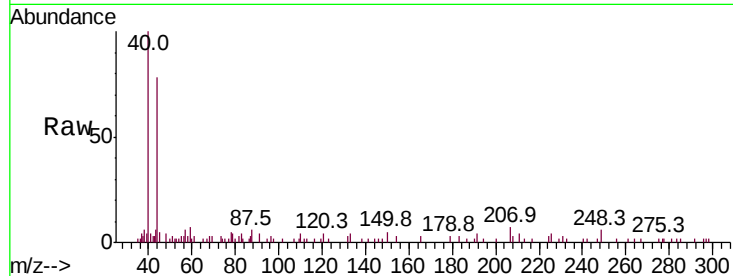
Tot Ion: 83 Resp: 461

Ion Ratio Lower Upper

83 100

131 51.6 4.9 14.7#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 289.179 ug/l

RT: 11.71 min Scan# 1134

Delta R.T. -0.17 min

Lab File: VF062848.D

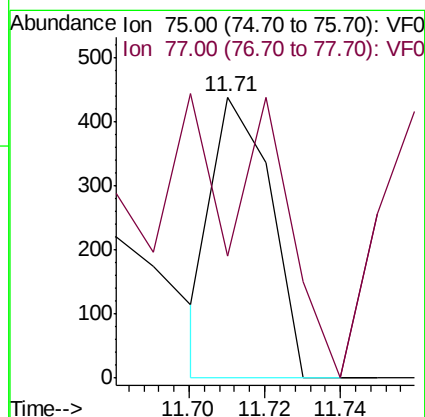
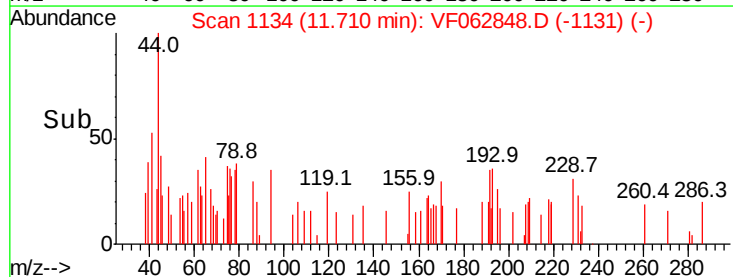
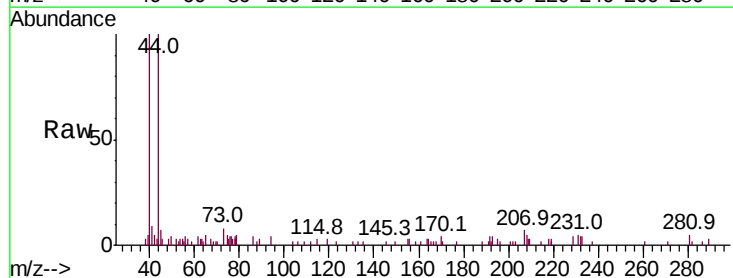
Acq: 4 Jun 2019 19:33

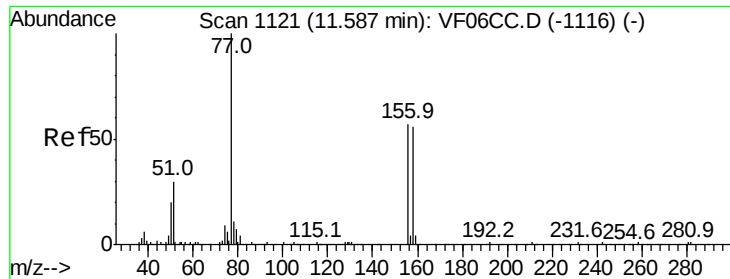
Tgt Ion: 75 Resp: 457

Ion Ratio Lower Upper

75 100

77 43.4 20.1 60.2





#77

Bromobenzene

Concen: 38.501 ug/l

RT: 11.71 min Scan# 1134

Delta R.T. 0.11 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

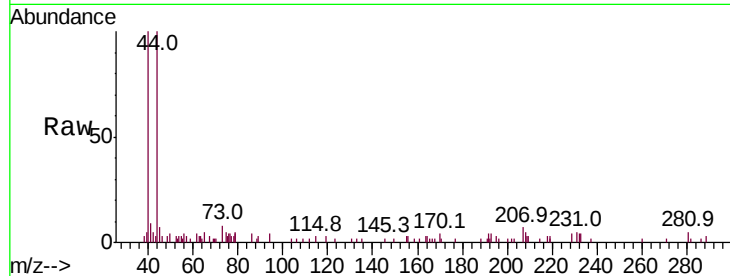
Tot Ion:156 Resp: 108

Ion Ratio Lower Upper

156 100

77 104.4 64.2 192.6

158 61.5 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

600

500

400

300

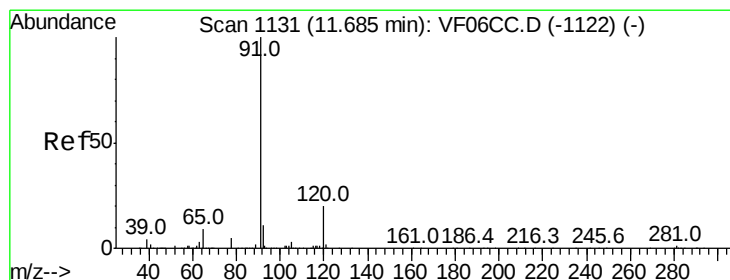
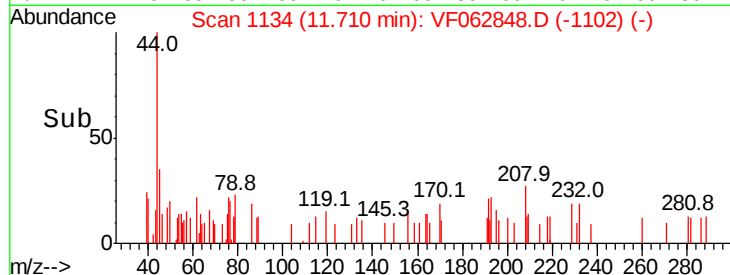
200

100

0

11.70 11.71 11.72

Time-->



#78

n-propylbenzene

Concen: 11.202 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF062848.D

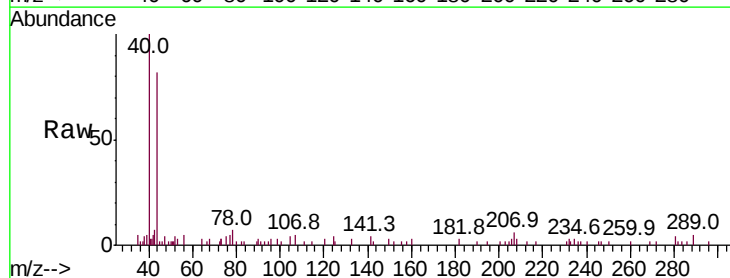
Acq: 4 Jun 2019 19:33

Tgt Ion: 91 Resp: 151

Ion Ratio Lower Upper

91 100

120 131.6 12.8 38.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

300

250

200

150

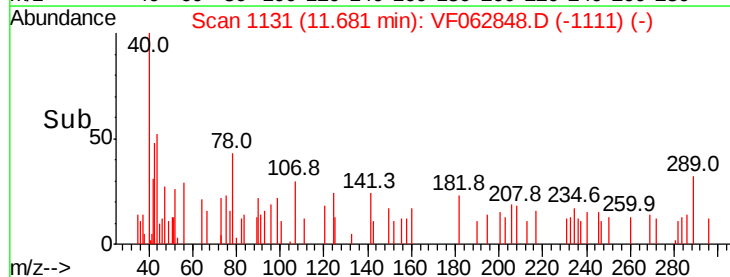
100

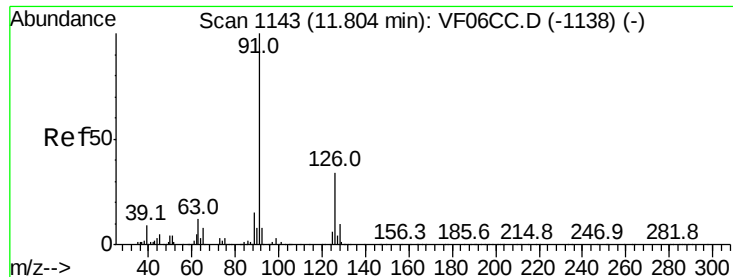
50

0

11.66 11.68 11.70

Time-->





#79

2-Chlorotoluene

Concen: 35.913 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.02 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

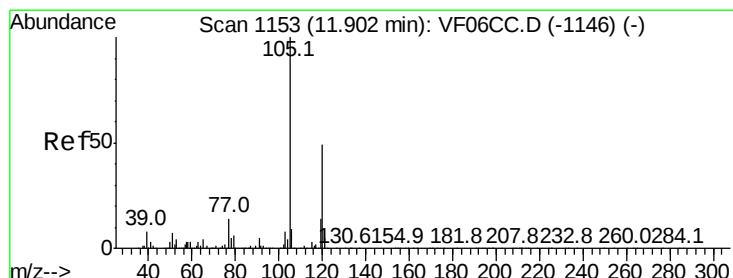
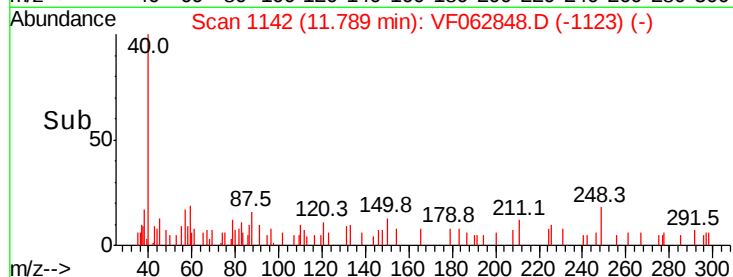
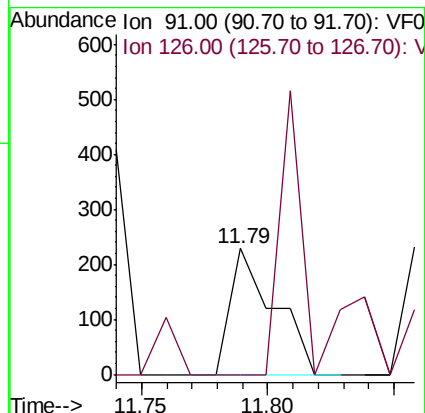
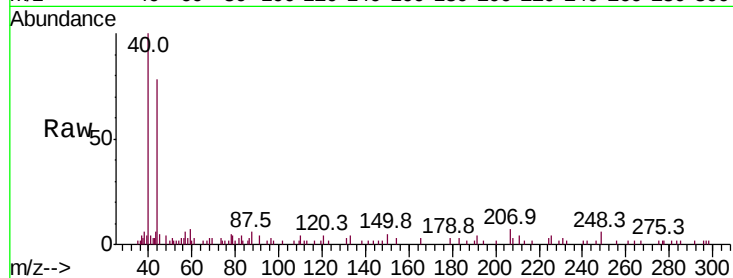
B-06-2.5-3.0

Tot Ion: 91 Resp: 277

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.3#



#80

1,3,5-Trimethylbenzene

Concen: 27.711 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. -0.02 min

Lab File: VF062848.D

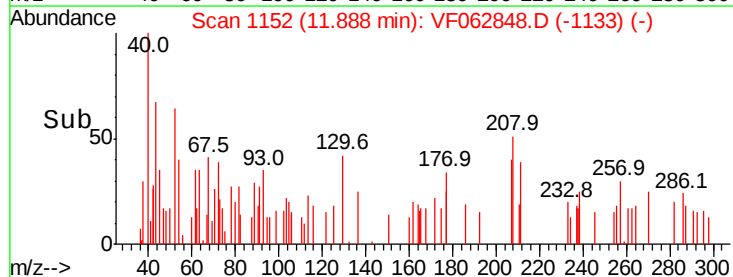
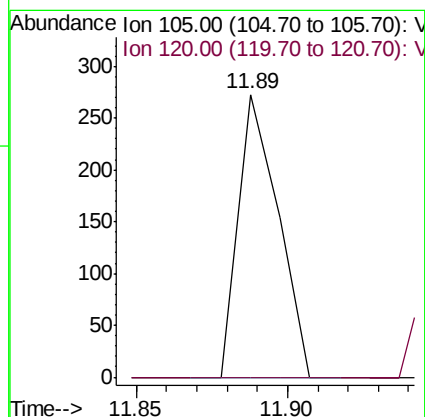
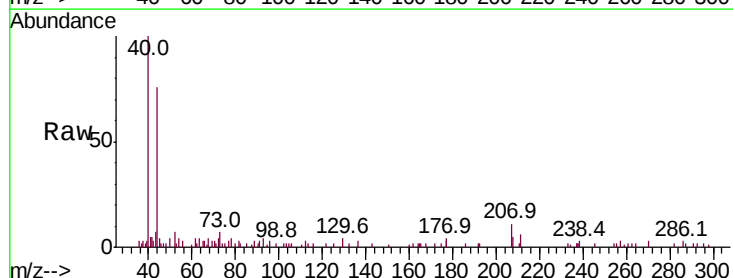
Acq: 4 Jun 2019 19:33

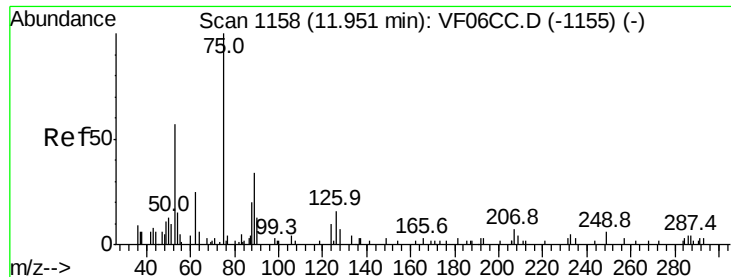
Tgt Ion: 105 Resp: 253

Ion Ratio Lower Upper

105 100

120 0.0 28.7 86.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 750.301 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

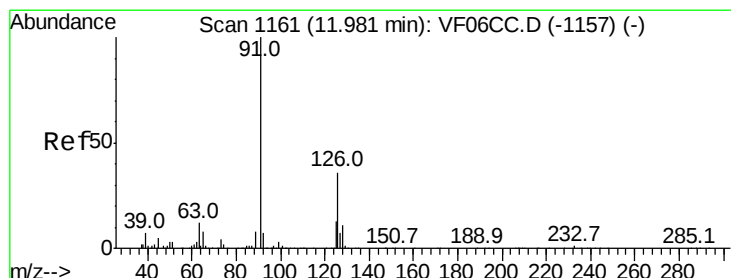
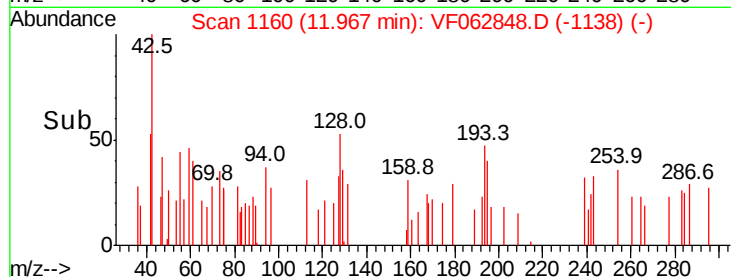
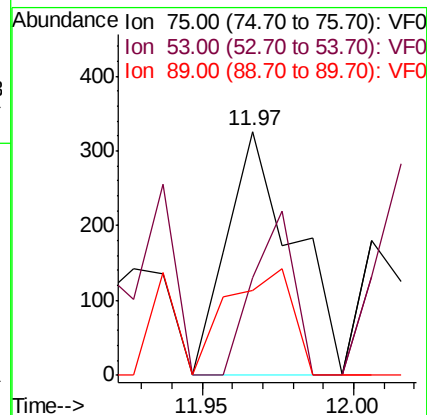
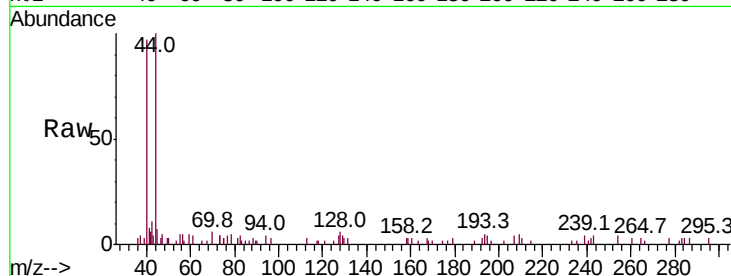
Tot Ion: 75 Resp: 502

Ion Ratio Lower Upper

75 100

53 39.9 43.5 65.3#

89 35.0 34.3 51.5



#82

4-Chlorotoluene

Concen: 50.923 ug/l

RT: 12.08 min Scan# 1172

Delta R.T. 0.10 min

Lab File: VF062848.D

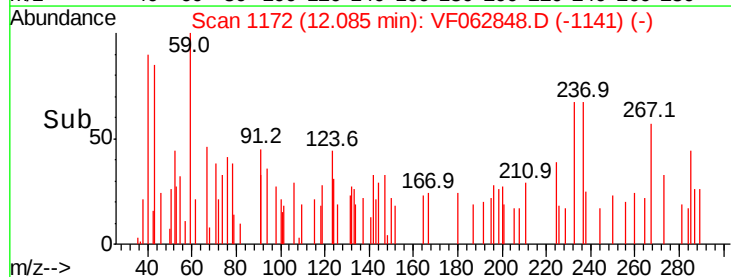
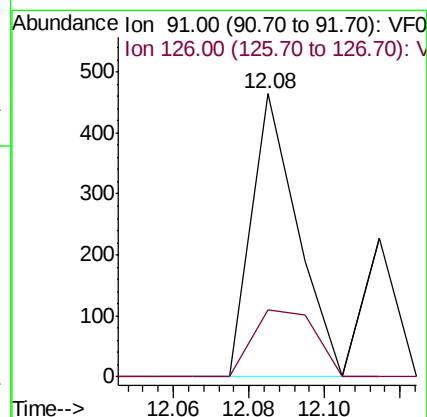
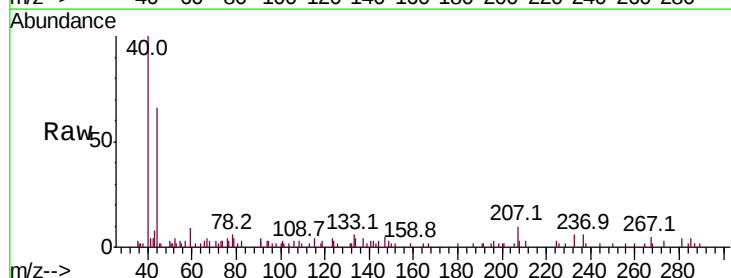
Acq: 4 Jun 2019 19:33

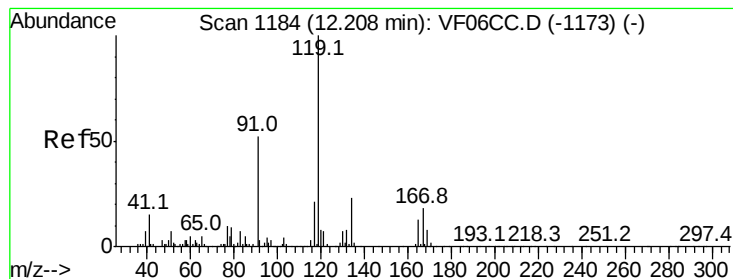
Tgt Ion: 91 Resp: 386

Ion Ratio Lower Upper

91 100

126 23.7 19.1 57.1





#83

tert-Butylbenzene

Concen: 51.511 ug/l

RT: 12.19 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampled :

B-06-2.5-3.0

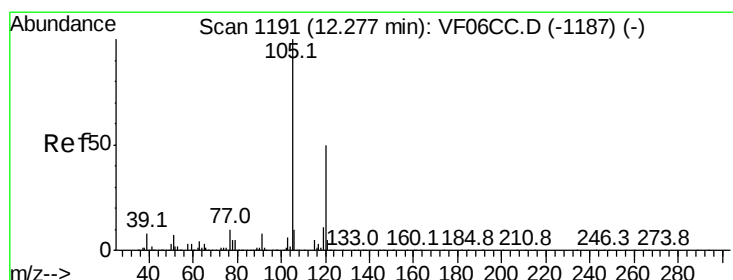
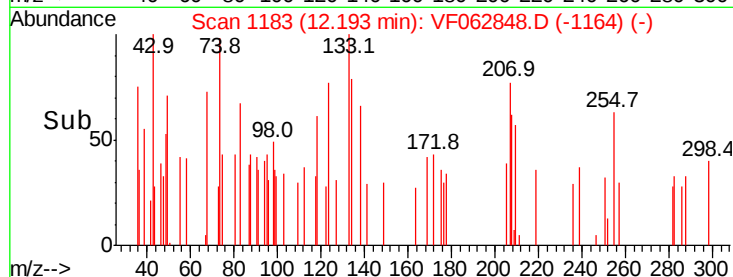
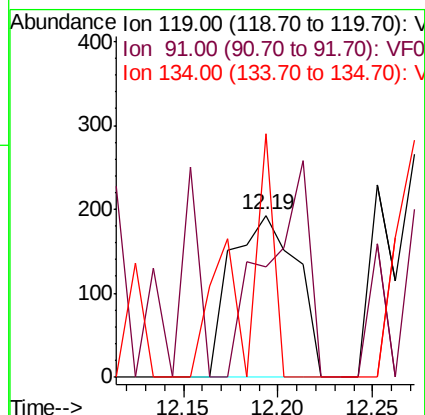
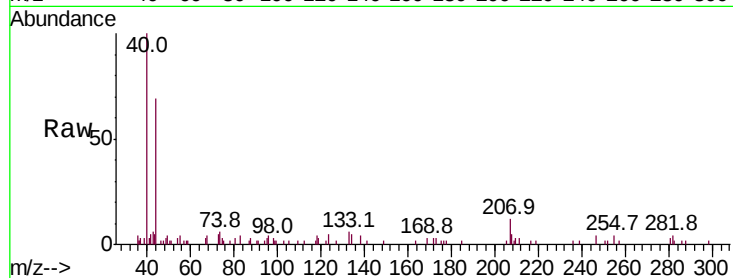
Tot Ion:119 Resp: 466

Ion Ratio Lower Upper

119 100

91 67.9 28.9 86.7

134 150.3 14.3 42.9#



#84

1,2,4-Trimethylbenzene

Concen: 8.318 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. 0.01 min

Lab File: VF062848.D

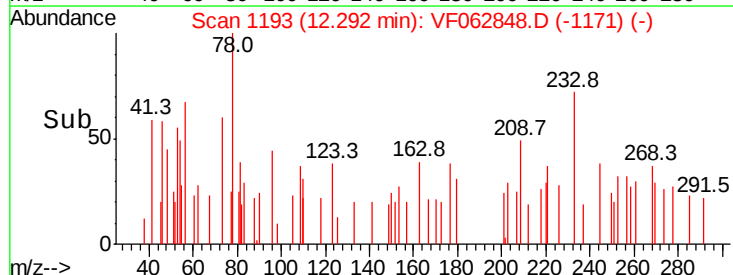
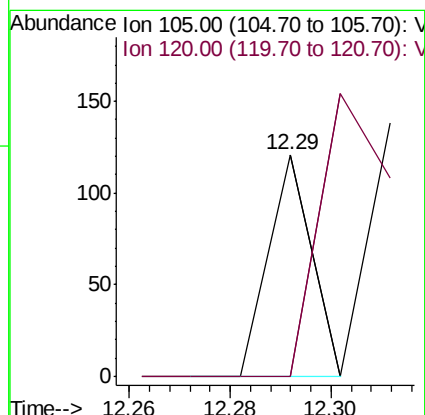
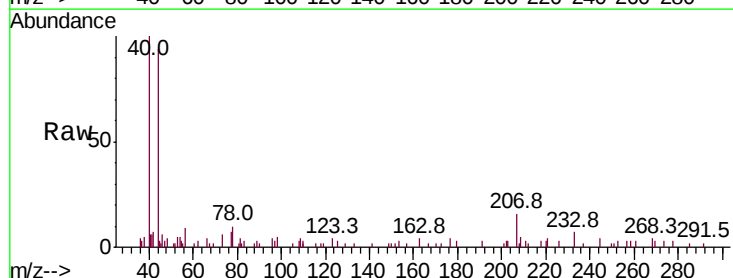
Acq: 4 Jun 2019 19:33

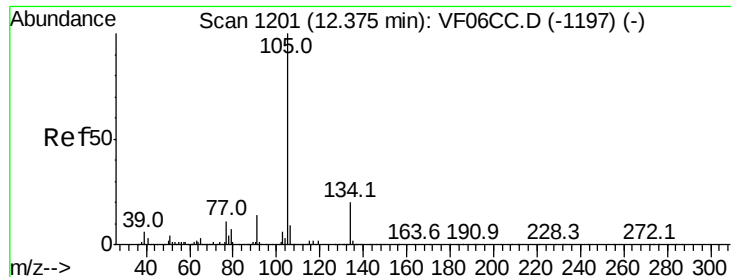
Tgt Ion:105 Resp: 72

Ion Ratio Lower Upper

105 100

120 0.0 27.1 81.3#





#85

sec-Butylbenzene

Concen: 26.005 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampled :

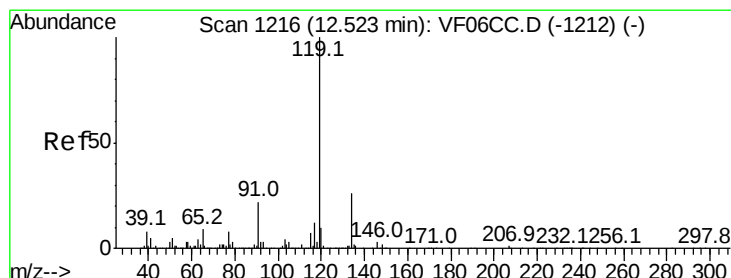
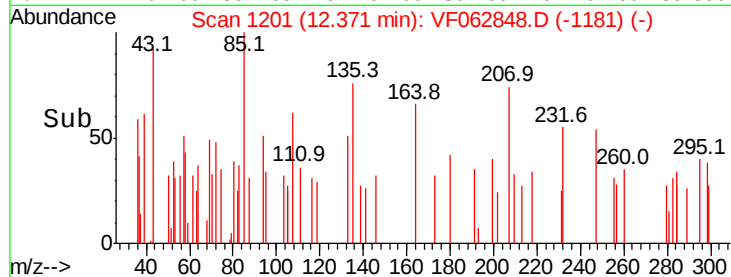
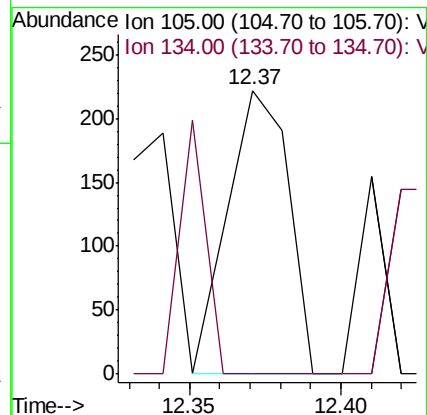
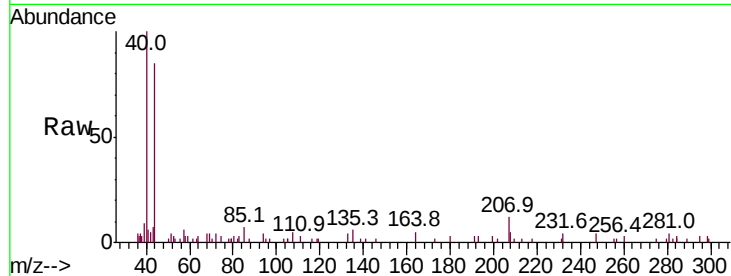
B-06-2.5-3.0

Tot Ion:105 Resp: 310

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 15.017 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

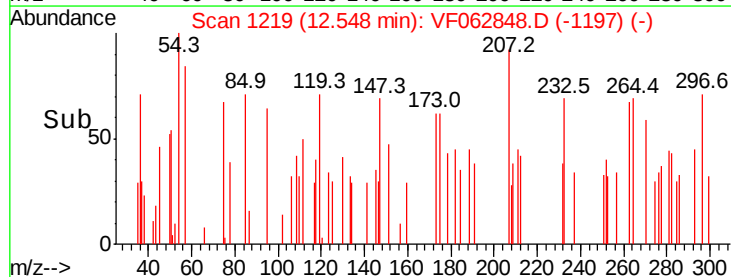
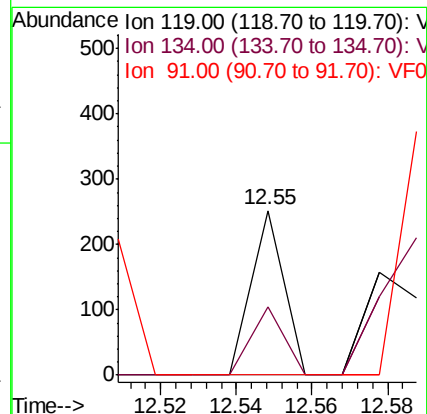
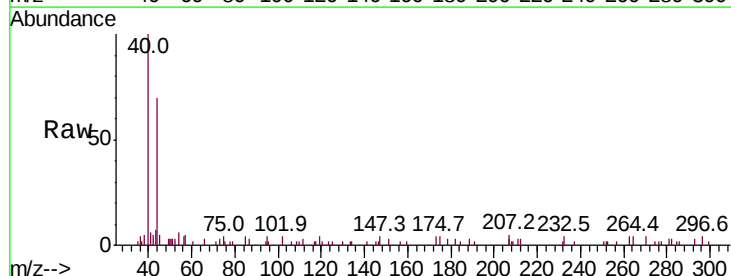
Tgt Ion:119 Resp: 149

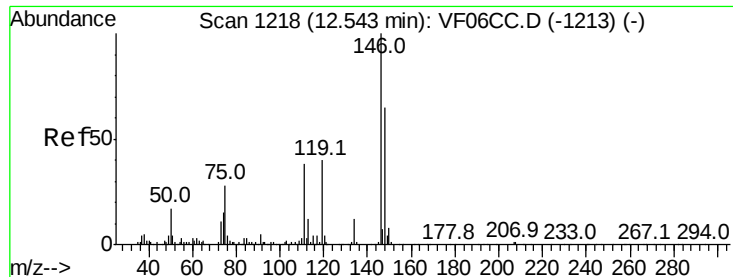
Ion Ratio Lower Upper

119 100

134 41.3 15.5 46.5

91 0.0 10.3 30.9#





#87

1,3-Dichlorobenzene

Concen: 43.056 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

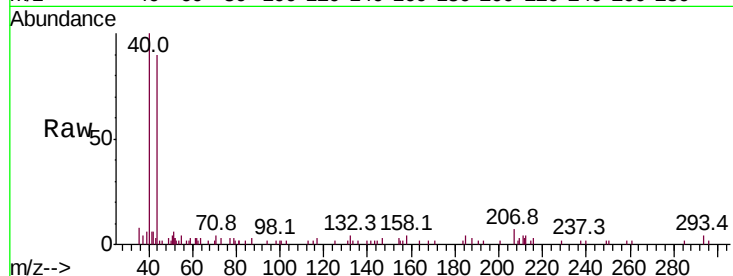
Tot Ion:146 Resp: 213

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.8#

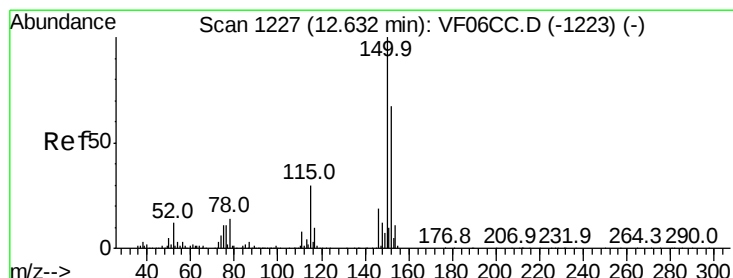
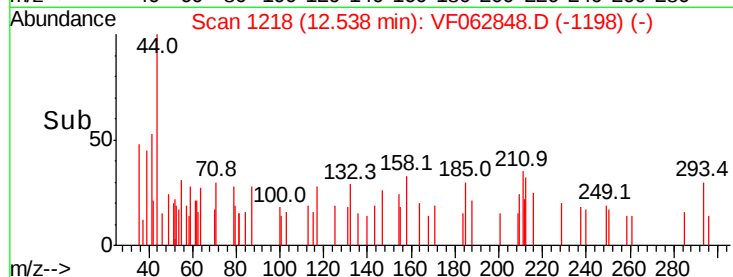
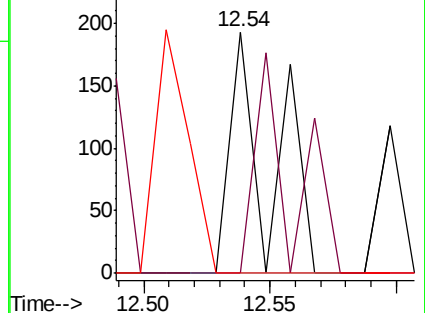
148 0.0 34.2 102.5#



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



#88

1,4-Dichlorobenzene

Concen: 15.162 ug/l

RT: 12.60 min Scan# 1224

Delta R.T. -0.04 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

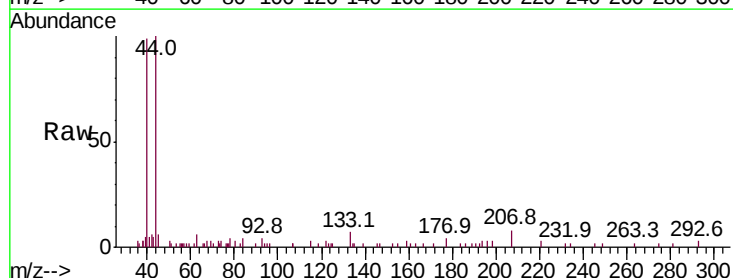
Tgt Ion:146 Resp: 70

Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.9#

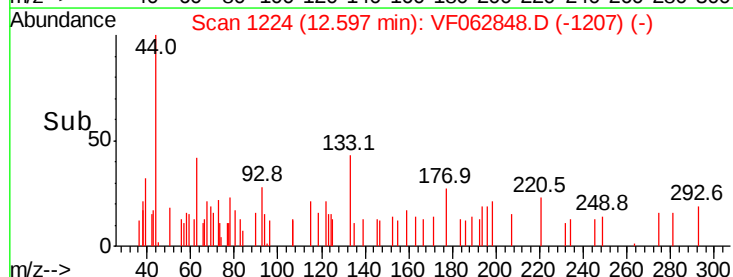
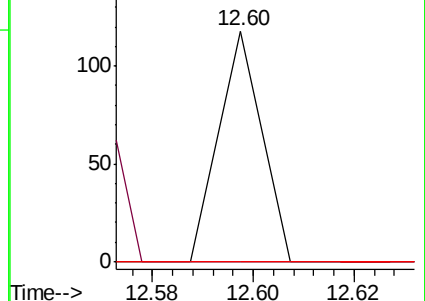
148 0.0 34.0 101.8#

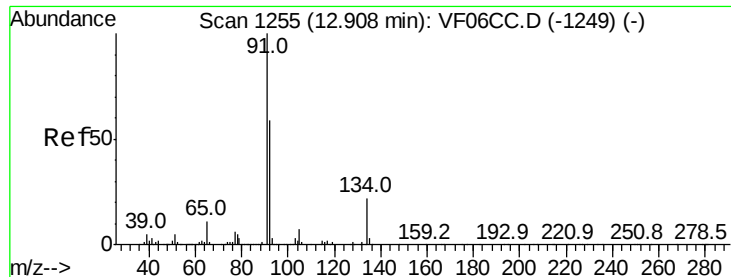


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 13.425 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampled :

B-06-2.5-3.0

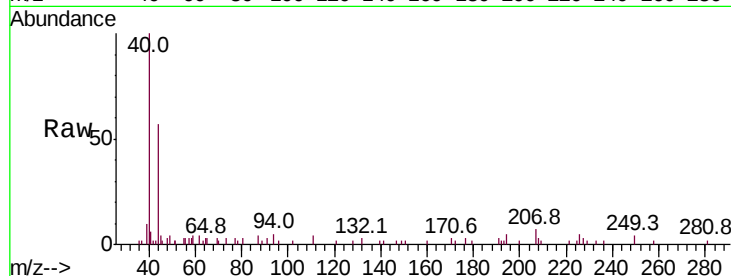
Tot Ion: 91 Resp: 134

Ion Ratio Lower Upper

91 100

92 0.0 34.2 102.6#

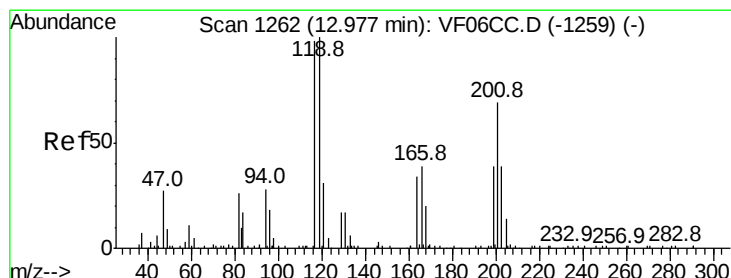
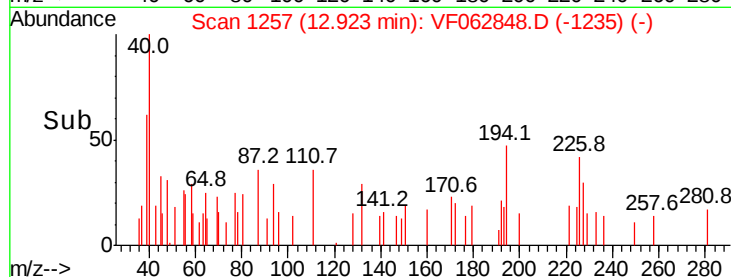
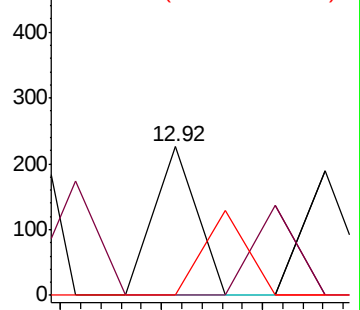
134 0.0 15.8 47.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.893 ug/l

RT: 13.04 min Scan# 1269

Delta R.T. 0.05 min

Lab File: VF062848.D

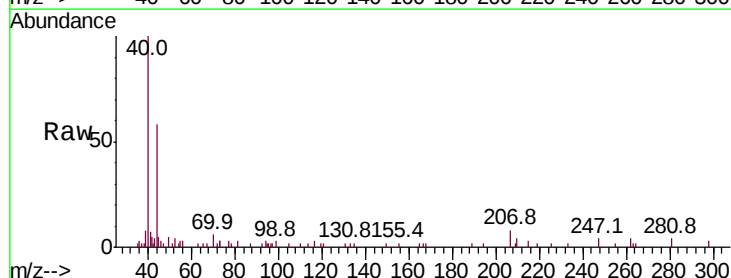
Acq: 4 Jun 2019 19:33

Tgt Ion: 117 Resp: 128

Ion Ratio Lower Upper

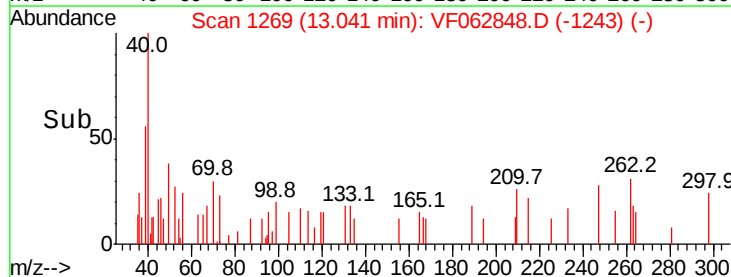
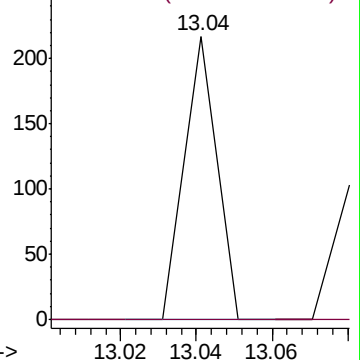
117 100

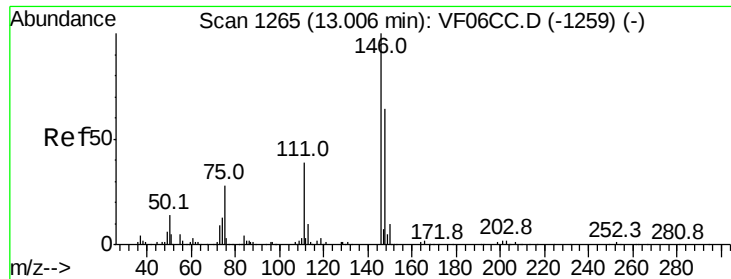
201 0.0 38.9 116.7#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 48.985 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

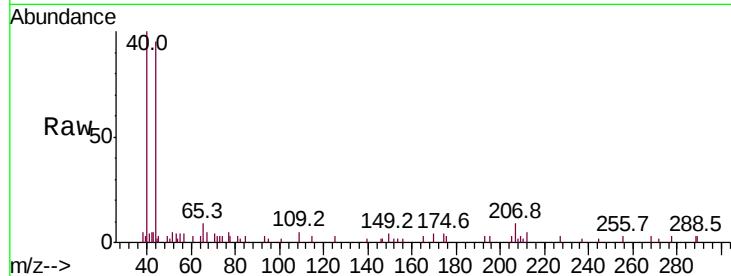
Tot Ion:146 Resp: 213

Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.3#

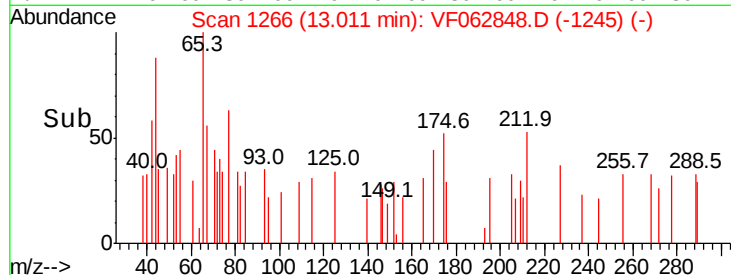
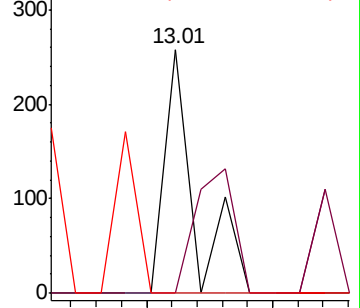
148 0.0 34.1 102.3#



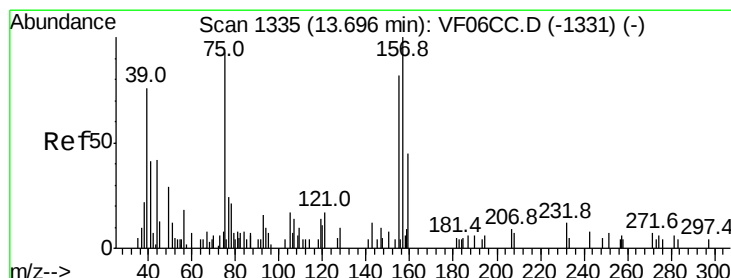
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 377.296 ug/l

RT: 13.72 min Scan# 1338

Delta R.T. 0.02 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

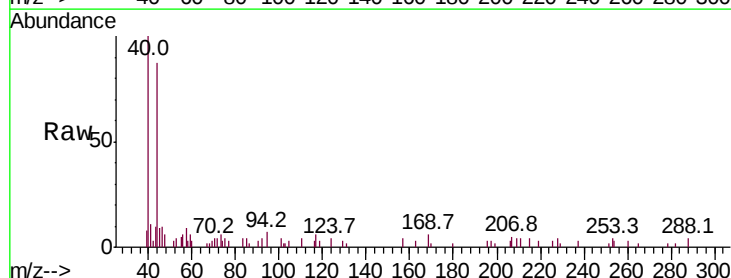
Tgt Ion: 75 Resp: 98

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.1#

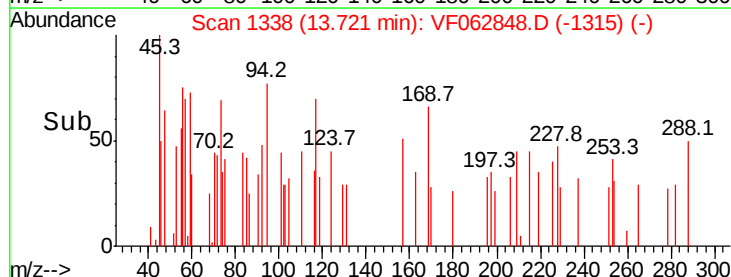
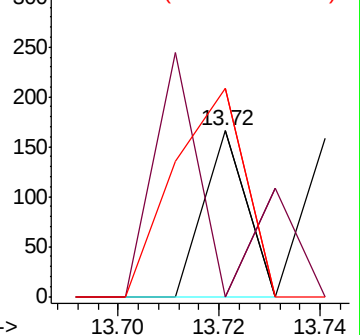
157 125.3 66.8 200.6



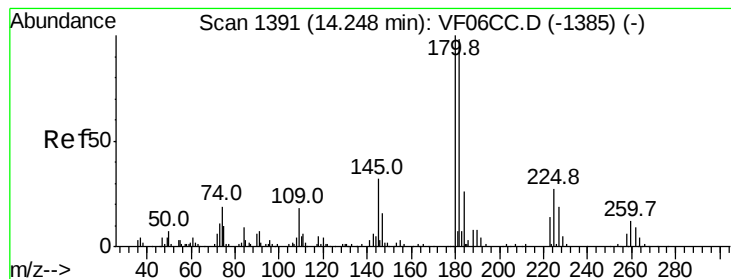
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 70.674 ug/l

RT: 14.23 min Scan# 1390

Delta R.T. -0.02 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

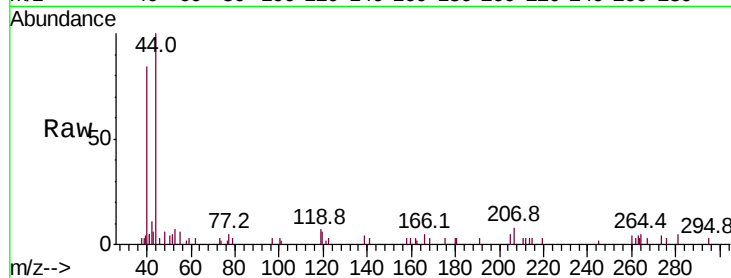
Tot Ion:180 Resp: 211

Ion Ratio Lower Upper

180 100

182 0.0 50.3 150.9#

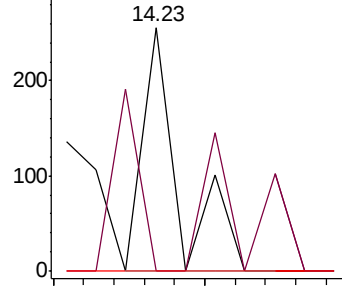
145 0.0 15.4 46.2#



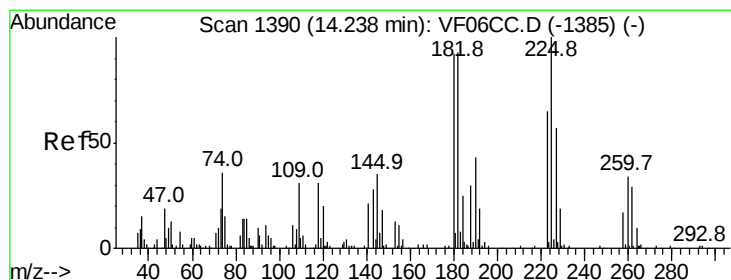
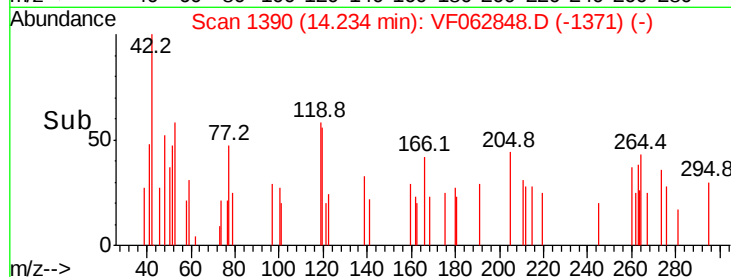
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



Time--> 14.20



#94

Hexachlorobutadiene

Concen: 39.701 ug/l

RT: 14.21 min Scan# 1388

Delta R.T. -0.03 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

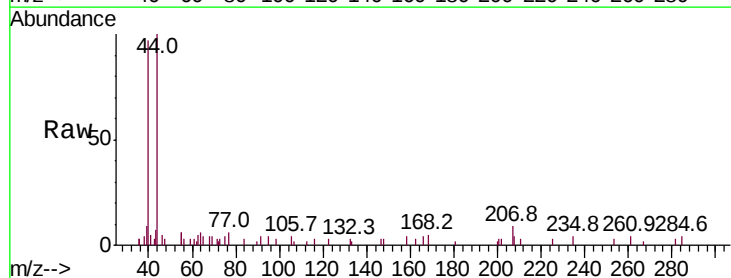
Tgt Ion:225 Resp: 82

Ion Ratio Lower Upper

225 100

223 0.0 30.8 92.4#

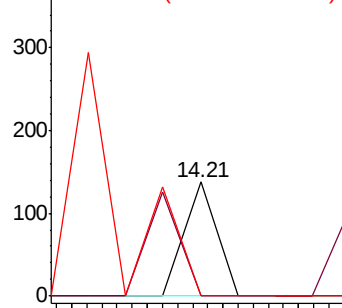
227 0.0 31.9 95.5#



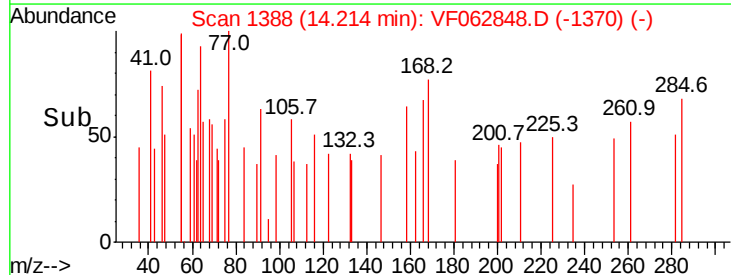
Abundance Ion 225.00 (224.70 to 225.70): V

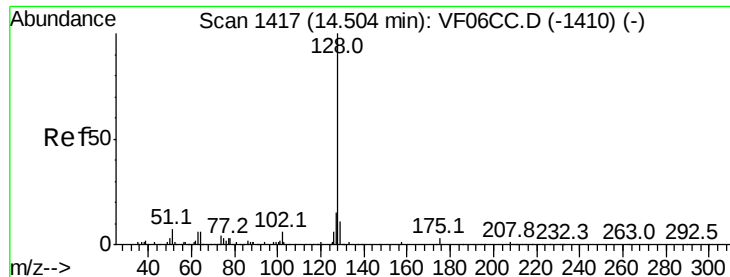
Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



Time--> 14.18





#95

Naphthalene

Concen: 37.823 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.01 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

B-06-2.5-3.0

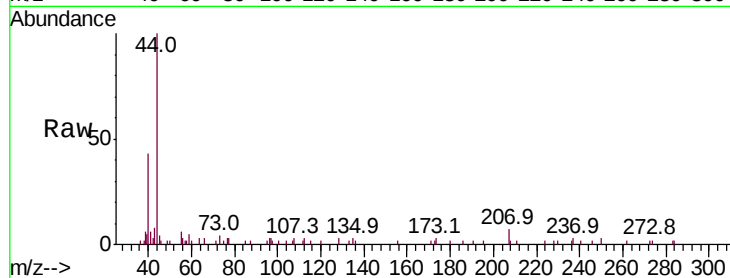
Tot Ion:128 Resp: 185

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

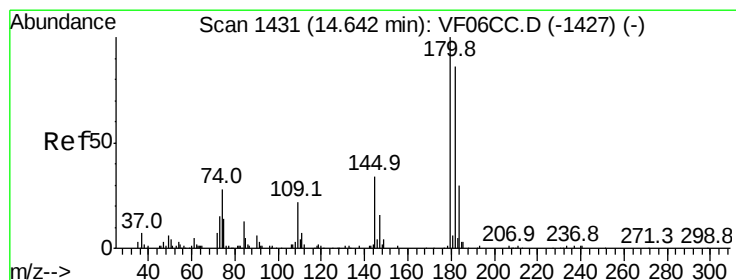
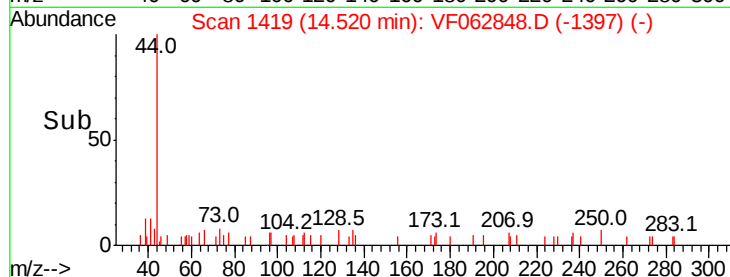
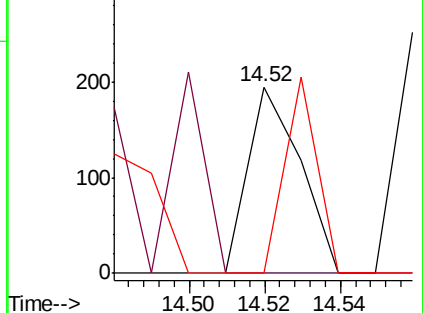
129 0.0 9.4 14.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 26.419 ug/l

RT: 14.69 min Scan# 1436

Delta R.T. 0.04 min

Lab File: VF062848.D

Acq: 4 Jun 2019 19:33

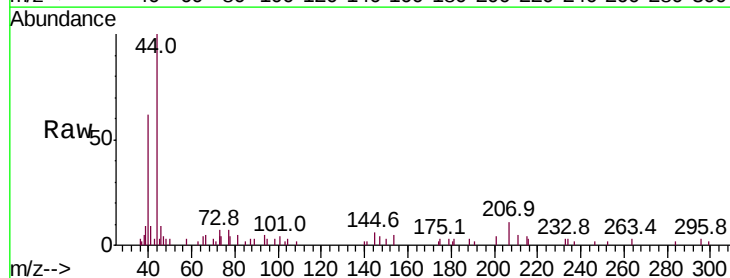
Tgt Ion:180 Resp: 72

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 0.0 15.7 47.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

