

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062884.D
 Acq On : 6 Jun 2019 15:54
 Operator : FY/SY
 Sample : K3211-05RE
 Misc : 5.45g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-5124RE

Quant Time: Jun 07 01:25:01 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	5.11	168	818	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.92	114	74	50.00	ug/l	0.11
63) Chlorobenzene-d5	10.11	117	216	50.00	ug/l	0.18
72) 1,4-Dichlorobenzene-d4	12.73	152	326	50.00	ug/l	0.10

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.06	65	1230	217.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	434.90%	
35) Dibromofluoromethane	4.41	113	160	286.13	ug/l	0.07
Spiked Amount	50.000		Recovery	=	572.26%	
50) Toluene-d8	7.87	98	272	192.36	ug/l	0.13
Spiked Amount	50.000		Recovery	=	384.72%	
62) 4-Bromofluorobenzene	11.72	95	192	377.47	ug/l	0.21
Spiked Amount	50.000		Recovery	=	754.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.03	85	286	29.100	ug/l	92
3) Chloromethane	1.21	50	865	102.199	ug/l	93
4) Vinyl Chloride	1.21	62	252	29.961	ug/l #	1
5) Bromomethane	1.43	94	517	107.782	ug/l	97
6) Chloroethane	1.49	64	169	53.741	ug/l #	84
7) Trichlorofluoromethane	1.60	101	134	11.254	ug/l	85
8) Diethyl Ether	1.73	74	230	98.181	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	1.96	101	329	43.949	ug/l #	60
10) Methyl Iodide	2.00	142	278	18.521	ug/l #	32
11) Tert butyl alcohol	2.70	59	458	1336.576	ug/l #	1
12) 1,1-Dichloroethene	1.87	96	1220	179.475	ug/l #	12
13) Acrolein	1.96	56	652	4915.555	ug/l	87
14) Allyl chloride	2.23	41	743	140.892	ug/l #	38
15) Acrylonitrile	3.11	53	761	591.023	ug/l #	43
16) Acetone	2.39	43	300	231.723	ug/l #	52
17) Carbon Disulfide	1.92	76	547	27.532	ug/l #	1
18) Methyl Acetate	2.36	43	715	316.037	ug/l	95
19) Methyl tert-butyl Ether	2.56	73	236	19.163	ug/l #	58
20) Methylene Chloride	2.35	84	73	8.799	ug/l #	12
21) trans-1,2-Dichloroethene	2.46	96	1134	166.382	ug/l #	17
22) Diisopropyl ether	2.97	45	672	44.852	ug/l #	61
23) Vinyl Acetate	3.39	43	690	67.270	ug/l #	73
24) 1,1-Dichloroethane	3.05	63	176	15.733	ug/l #	1
25) 2-Butanone	4.62	43	630	208.959	ug/l	98
26) 2,2-Dichloropropane	3.91	77	893	140.590	ug/l	97
27) cis-1,2-Dichloroethene	3.72	96	372	32.470	ug/l	32
28) Bromochloromethane	3.94	49	400	65.736	ug/l #	28
29) Tetrahydrofuran	4.30	42	1011	876.742	ug/l #	52
30) Chloroform	4.12	83	121	7.675	ug/l #	15
31) Cyclohexane	3.94	56	359	23.704	ug/l #	13
32) 1,1,1-Trichloroethane	4.31	97	138	15.033	ug/l #	58
36) 1,1-Dichloropropene	4.42	75	449	659.094	ug/l	88
37) Ethyl Acetate	4.44	43	1015	3897.655	ug/l #	44
38) Carbon Tetrachloride	4.30	117	124	269.327	ug/l #	11

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

39) Methylcyclohexane	5.79	83	552	651.047	ug/l #	1
40) Benzene	4.98	78	607	306.156	ug/l	98
41) Methacrylonitrile	5.09	41	1246	8606.811	ug/l #	40
42) 1,2-Dichloroethane	5.31	62	234	620.550	ug/l	69
43) Isopropyl Acetate	7.29	43	624	1813.911	ug/l #	76
44) Trichloroethene	5.83	130	117	209.097	ug/l	3
45) 1,2-Dichloropropane	6.59	63	143	287.415	ug/l #	44
46) Dibromomethane	6.43	93	79	271.960	ug/l #	61
47) Bromodichloromethane	6.71	83	69	116.635	ug/l #	23
48) Methyl methacrylate	7.02	41	741	4179.600	ug/l #	33
49) 1,4-Dioxane	7.30	88	252	107836.214	ug/l	86
51) 4-Methyl-2-Pentanone	8.69	43	629	2561.062	ug/l	87
52) Toluene	7.97	92	67	62.741	ug/l #	1
53) t-1,3-Dichloropropene	8.60	75	368	750.683	ug/l #	1
54) cis-1,3-Dichloropropene	7.65	75	733	1032.973	ug/l #	1
55) 1,1,2-Trichloroethane	8.82	97	606	1899.524	ug/l #	28
56) Ethyl methacrylate	8.94	69	647	1890.116	ug/l #	1
57) 1,3-Dichloropropane	9.17	76	272	522.097	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.63	63	549	4589.057	ug/l #	51
59) 2-Hexanone	9.68	43	1222	6980.596	ug/l	80
60) Dibromochloromethane	9.10	129	81	205.077	ug/l #	12
61) 1,2-Dibromoethane	9.32	107	238	718.321	ug/l #	1
64) Tetrachloroethene	8.31	164	64	38.558	ug/l #	5
65) Chlorobenzene	9.92	112	69	16.542	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.07	131	287	172.761	ug/l #	6
67) Ethyl Benzene	9.90	91	496	69.292	ug/l	94
68) m/p-Xylenes	10.30	106	183	66.809	ug/l #	1
69) o-Xylene	10.79	106	73	26.322	ug/l	72
70) Styrene	10.92	104	692	169.290	ug/l #	59
71) Bromoform	10.89	173	166	208.299	ug/l #	28
73) Isopropylbenzene	11.27	105	420	18.464	ug/l #	1
74) N-amyl acetate	11.43	43	1376	214.629	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	11.78	83	263	54.141	ug/l #	25
76) 1,2,3-Trichloropropane	11.97	75	401	124.537	ug/l	75
77) Bromobenzene	11.58	156	189	33.069	ug/l	66
78) n-propylbenzene	11.61	91	493	17.950	ug/l	97
79) 2-Chlorotoluene	11.76	91	341	21.698	ug/l	83
80) 1,3,5-Trimethylbenzene	11.95	105	690	37.092	ug/l	80
81) trans-1,4-Dichloro-2-buten	11.97	75	401	294.156	ug/l #	85
82) 4-Chlorotoluene	11.89	91	489	31.662	ug/l	86
83) tert-Butylbenzene	12.19	119	237	12.858	ug/l #	71
84) 1,2,4-Trimethylbenzene	12.13	105	195	11.056	ug/l	80
85) sec-Butylbenzene	12.39	105	106	4.364	ug/l #	55
86) p-Isopropyltoluene	12.56	119	247	12.218	ug/l #	12
87) 1,3-Dichlorobenzene	12.54	146	159	15.774	ug/l #	27
88) 1,4-Dichlorobenzene	12.68	146	262	27.852	ug/l #	23
89) n-Butylbenzene	13.02	91	273	13.424	ug/l	89
90) Hexachloroethane	13.03	117	681	138.113	ug/l #	10
91) 1,2-Dichlorobenzene	13.03	146	103	11.626	ug/l #	69
92) 1,2-Dibromo-3-Chloropropan	13.71	75	176	332.561	ug/l #	35

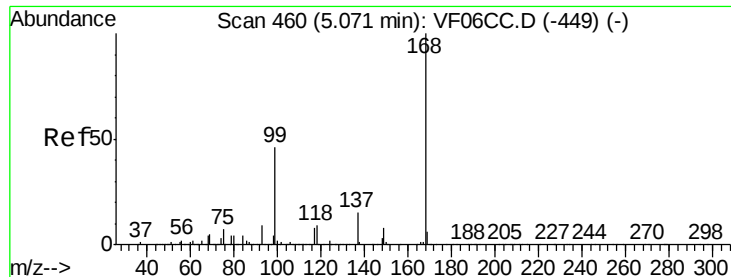
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.28	180	231	37.974	ug/l #	10
94) Hexachlorobutadiene	14.24	225	63	14.970	ug/l #	19
95) Naphthalene	14.50	128	607	60.908	ug/l #	12
96) 1,2,3-Trichlorobenzene	14.66	180	84	15.128	ug/l #	60

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.11 min Scan# 464

Delta R.T. 0.03 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

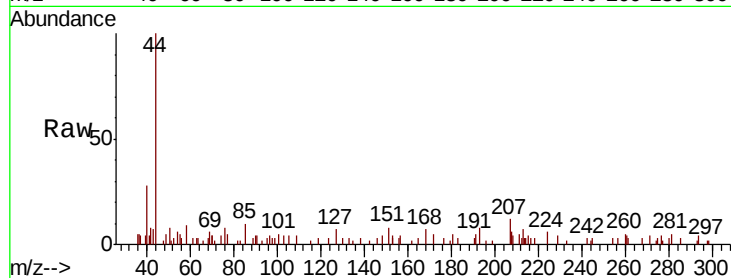
RT-5124RE

Tot Ion:168 Resp: 818

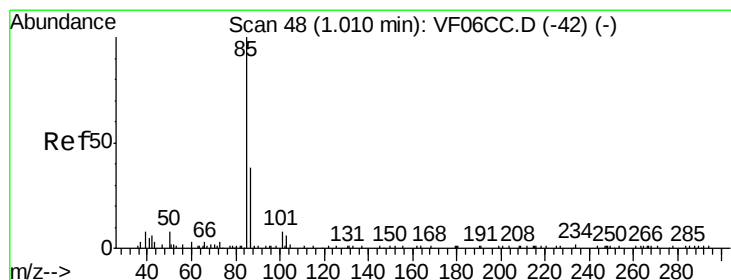
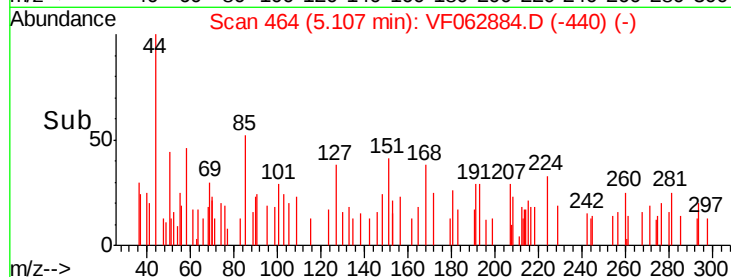
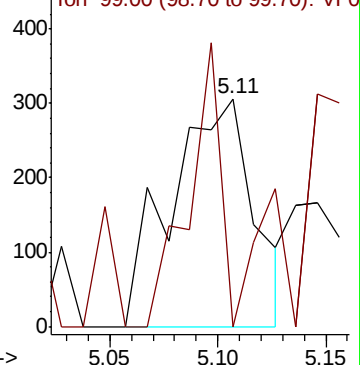
Ion Ratio Lower Upper

168 100

99 0.0 39.1 58.7#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 29.100 ug/l

RT: 1.03 min Scan# 50

Delta R.T. 0.01 min

Lab File: VF062884.D

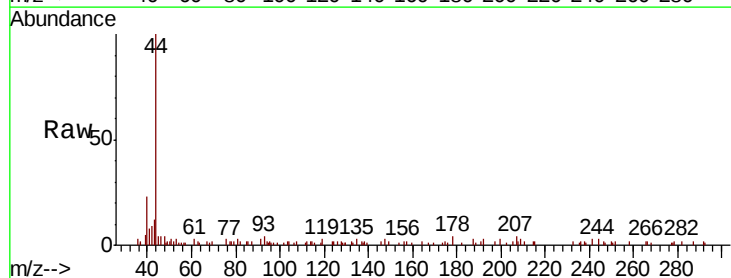
Acq: 6 Jun 2019 15:54

Tgt Ion: 85 Resp: 286

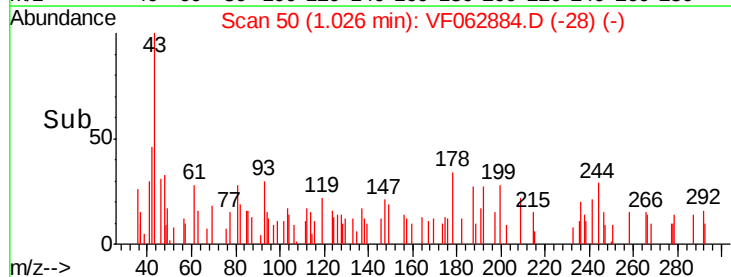
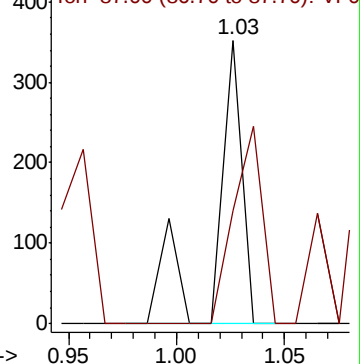
Ion Ratio Lower Upper

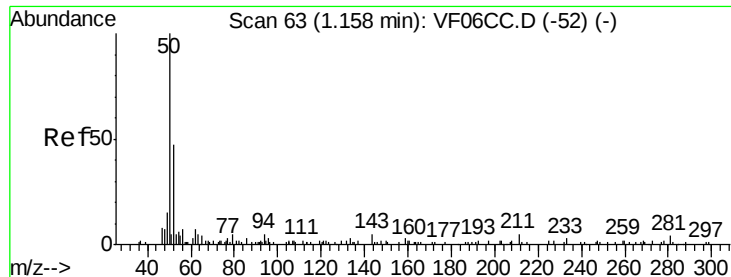
85 100

87 39.8 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 102.199 ug/l

RT: 1.21 min Scan# 69

Delta R.T. 0.06 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

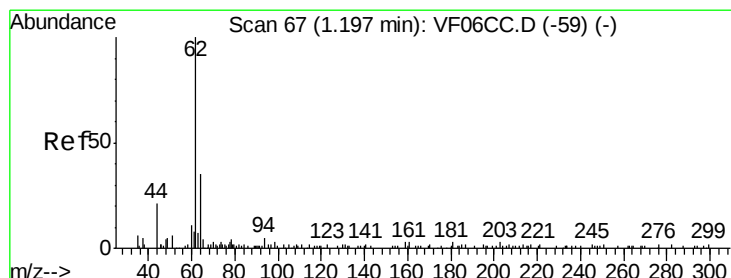
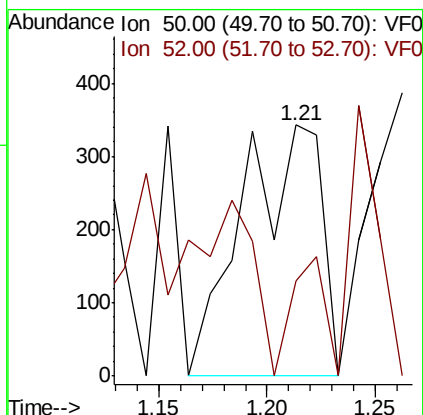
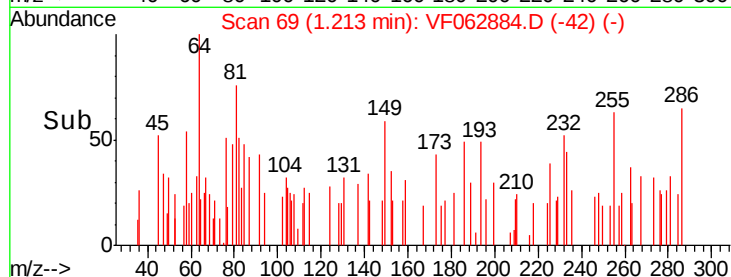
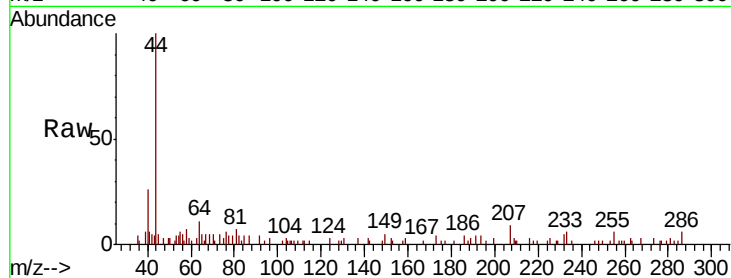
RT-5124RE

Tot Ion: 50 Resp: 865

Ion Ratio Lower Upper

50 100

52 37.9 27.0 40.4



#4

Vinyl Chloride

Concen: 29.961 ug/l

RT: 1.21 min Scan# 69

Delta R.T. 0.01 min

Lab File: VF062884.D

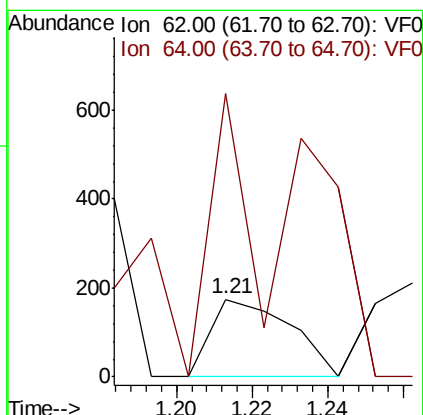
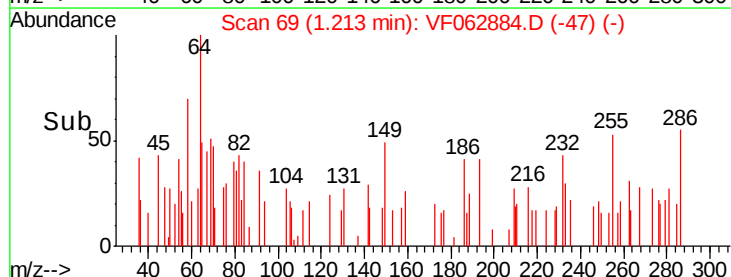
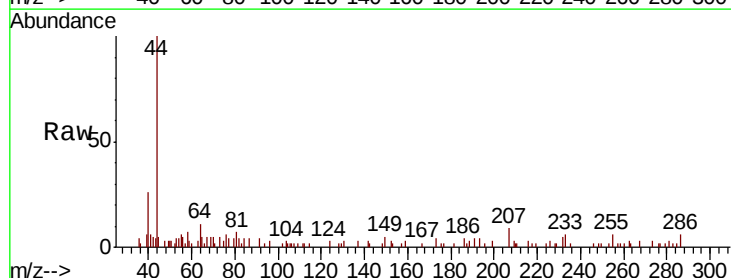
Acq: 6 Jun 2019 15:54

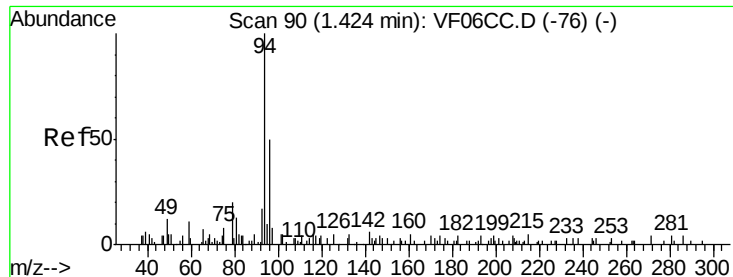
Tgt Ion: 62 Resp: 252

Ion Ratio Lower Upper

62 100

64 366.1 26.2 39.2#





#5

Bromomethane

Concen: 107.782 ug/l

RT: 1.43 min Scan# 91

Delta R.T. 0.02 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

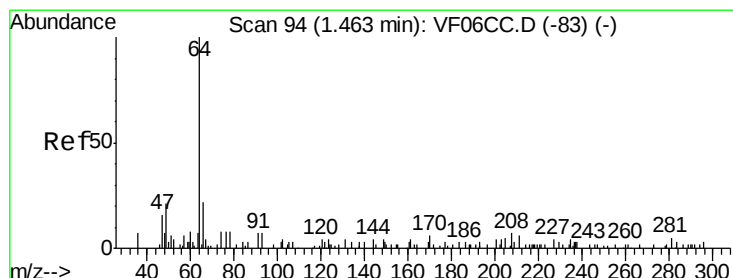
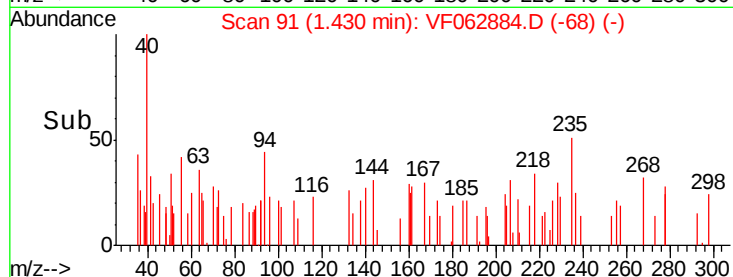
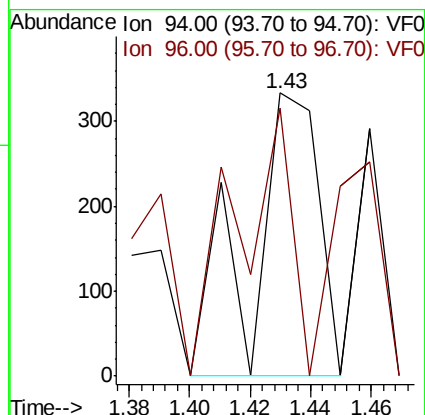
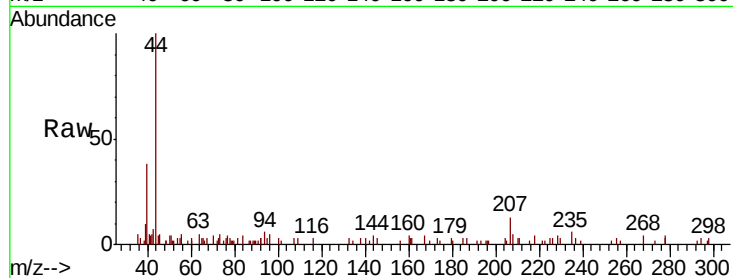
RT-5124RE

Tot Ion: 94 Resp: 517

Ion Ratio Lower Upper

94 100

96 94.6 73.8 110.6



#6

Chloroethane

Concen: 53.741 ug/l

RT: 1.49 min Scan# 97

Delta R.T. 0.02 min

Lab File: VF062884.D

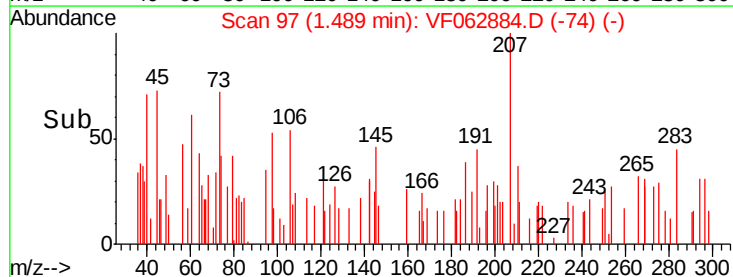
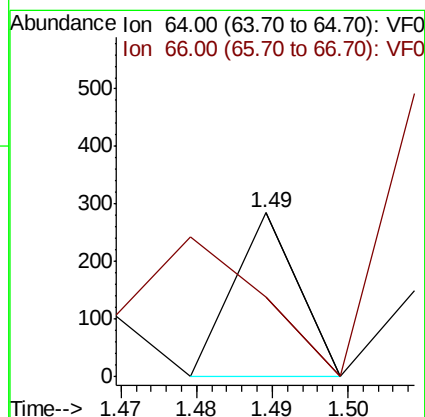
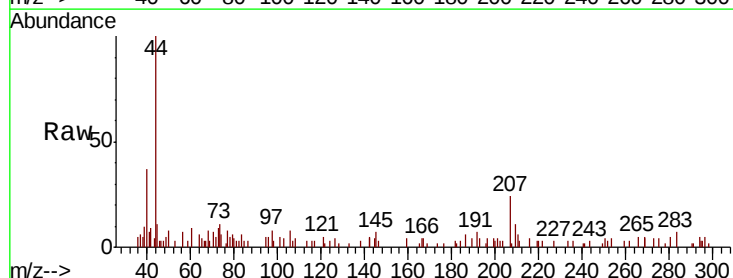
Acq: 6 Jun 2019 15:54

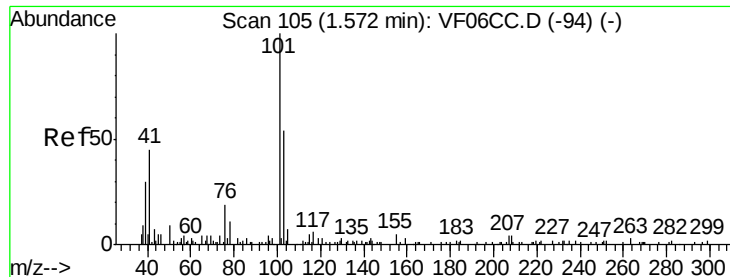
Tgt Ion: 64 Resp: 169

Ion Ratio Lower Upper

64 100

66 48.4 31.0 46.4#



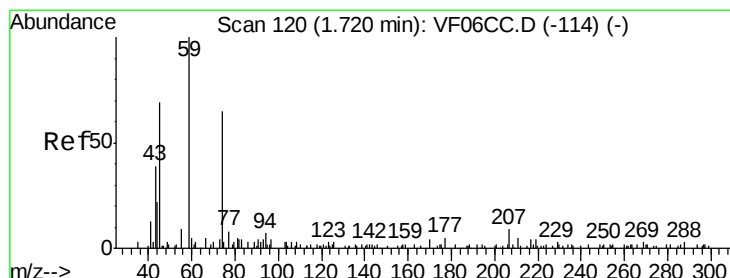
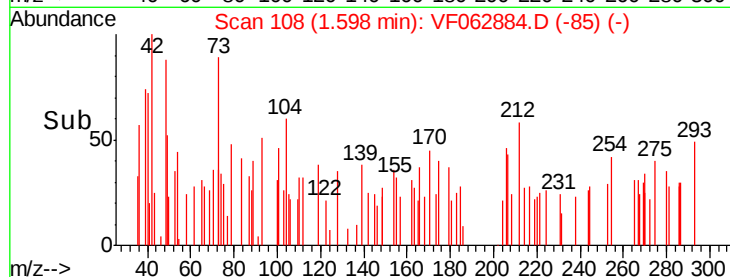
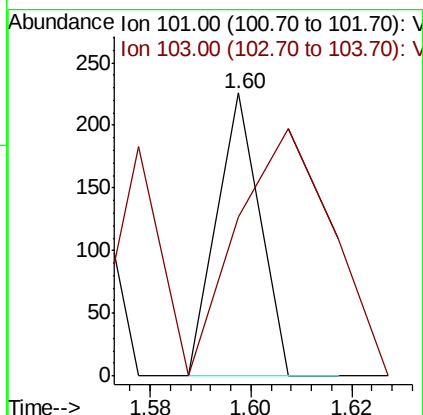
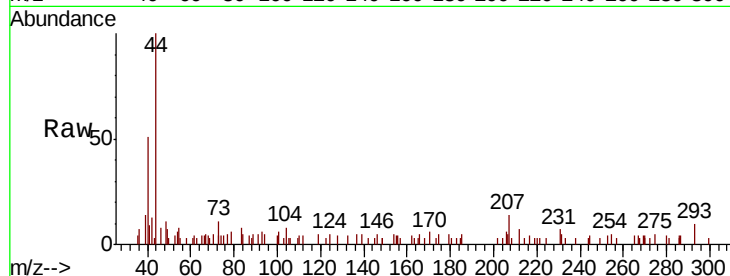


#7

Trichlorofluoromethane
Concen: 11.254 ug/l
RT: 1.60 min Scan# 108
Delta R.T. 0.02 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

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ClientSampleId :
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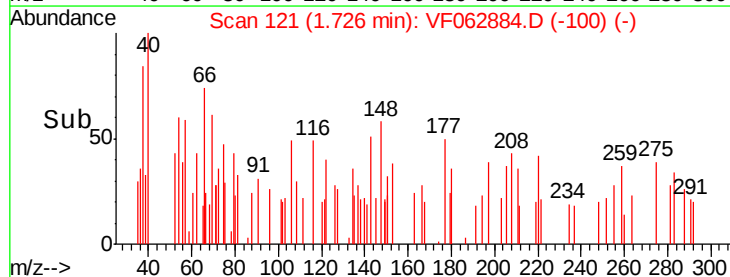
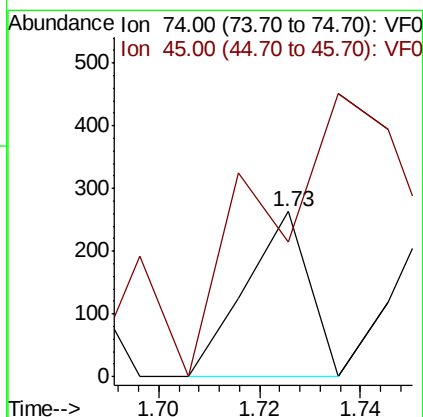
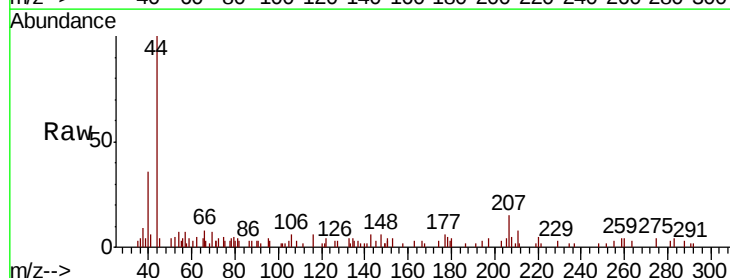
Tot Ion:101 Resp: 134
Ion Ratio Lower Upper
101 100
103 56.2 54.6 82.0

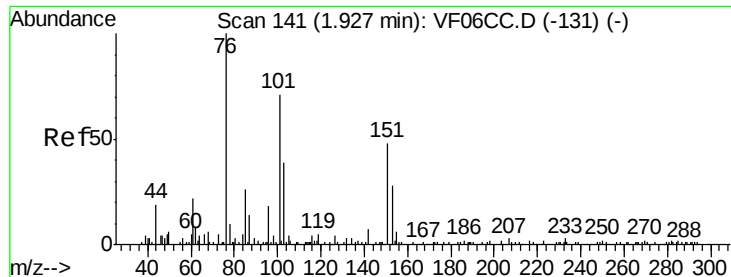


#8

Diethyl Ether
Concen: 98.181 ug/l
RT: 1.73 min Scan# 121
Delta R.T. 0.00 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion: 74 Resp: 230
Ion Ratio Lower Upper
74 100
45 81.7 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.949 ug/l

RT: 1.96 min Scan# 145

Delta R.T. 0.02 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

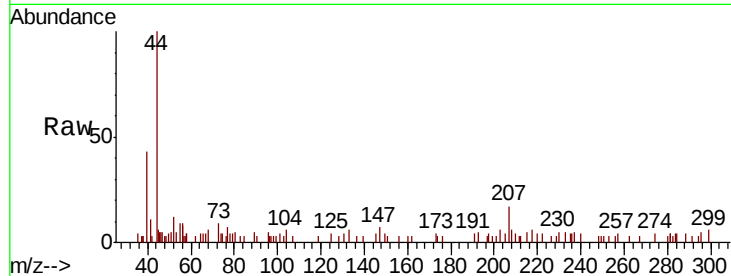
Tot Ion:101 Resp: 329

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

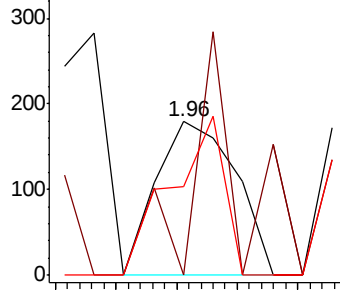
151 57.5 60.3 90.5#



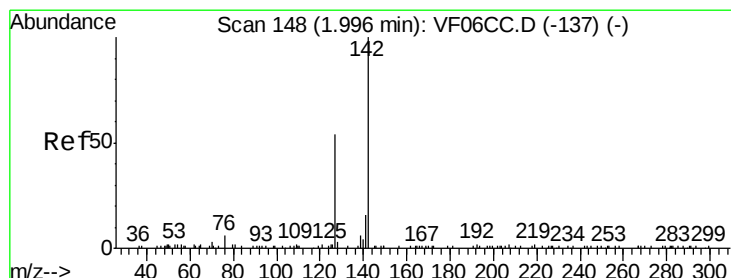
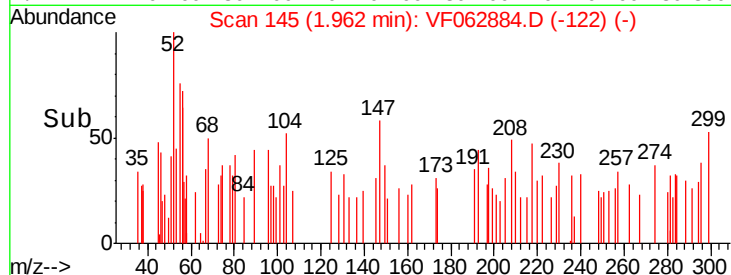
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



Time-->



#10

Methyl Iodide

Concen: 18.521 ug/l

RT: 2.00 min Scan# 149

Delta R.T. -0.02 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

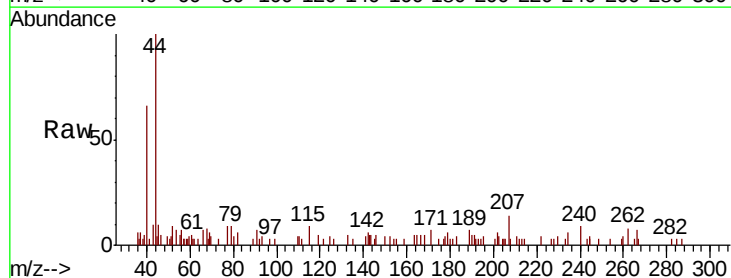
Tgt Ion:142 Resp: 278

Ion Ratio Lower Upper

142 100

127 0.0 39.4 59.2#

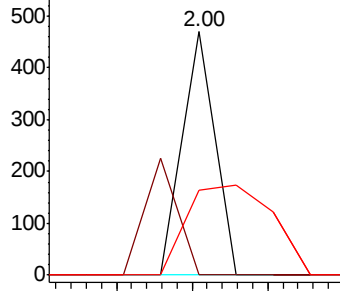
141 34.7 10.6 15.8#



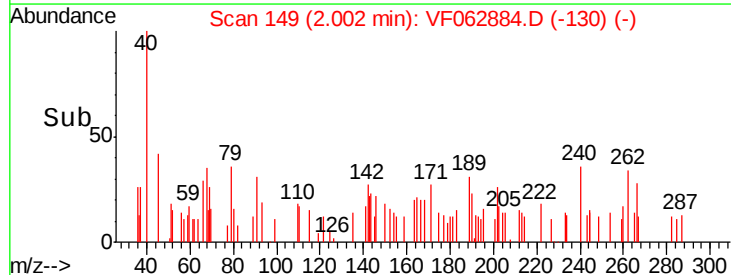
Abundance Ion 142.00 (141.70 to 142.70): V

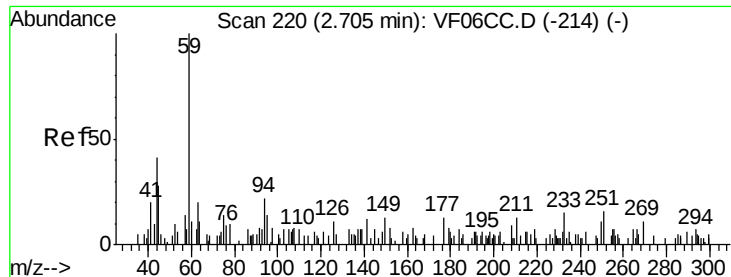
Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



Time-->



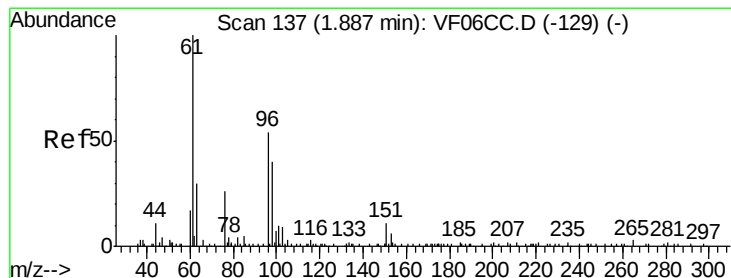
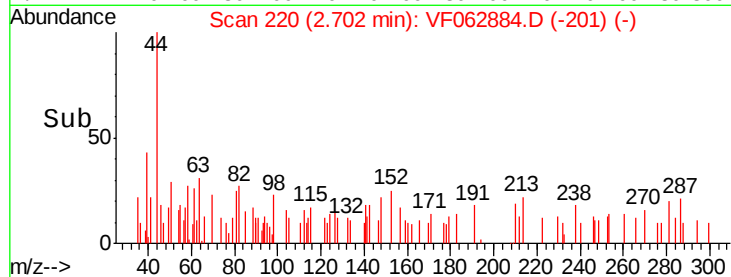
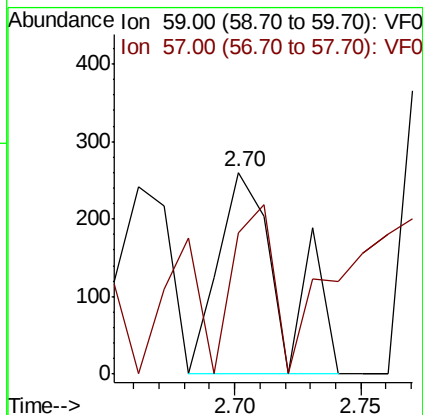
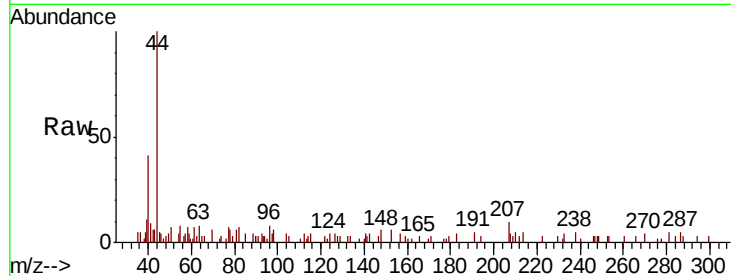


#11

Tert butyl alcohol
 Concen: 1336.576 ug/l
 RT: 2.70 min Scan# 220
 Delta R.T. -0.02 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-5124RE

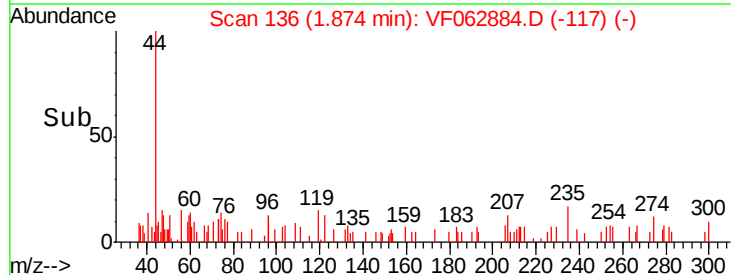
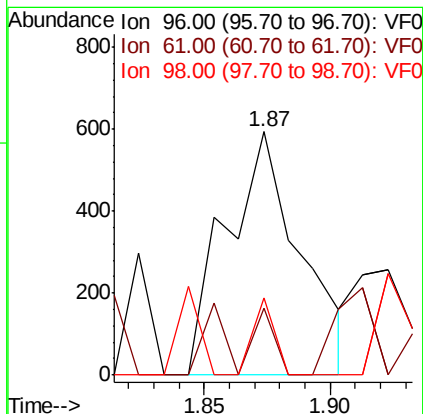
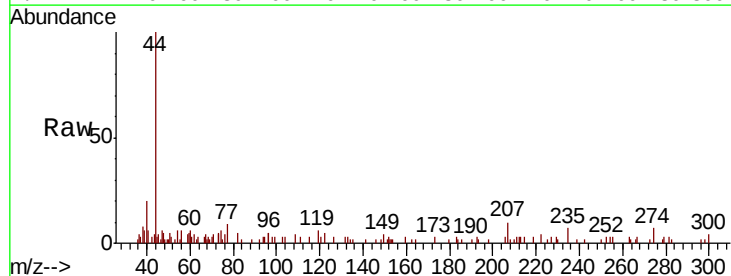
Tot Ion: 59 Resp: 458
 Ion Ratio Lower Upper
 59 100
 57 70.4 9.2 13.8#

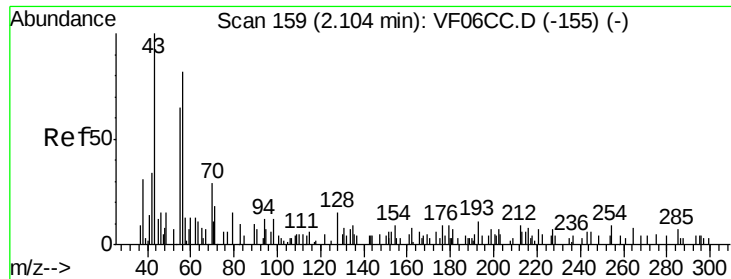


#12

1,1-Dichloroethene
 Concen: 179.475 ug/l
 RT: 1.87 min Scan# 136
 Delta R.T. -0.02 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Tgt Ion: 96 Resp: 1220
 Ion Ratio Lower Upper
 96 100
 61 27.3 139.4 209.2#
 98 31.5 50.3 75.5#

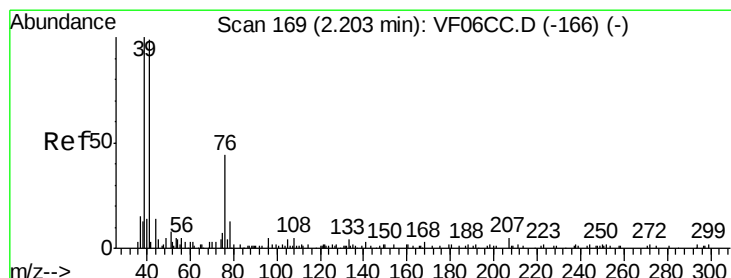
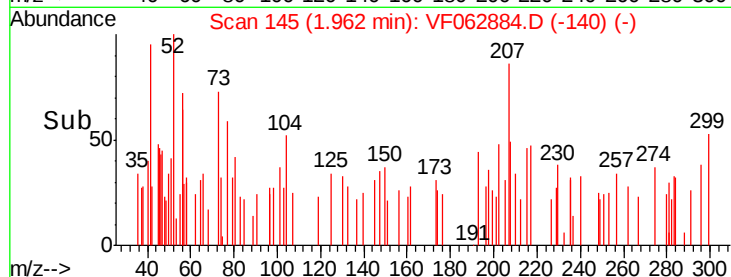
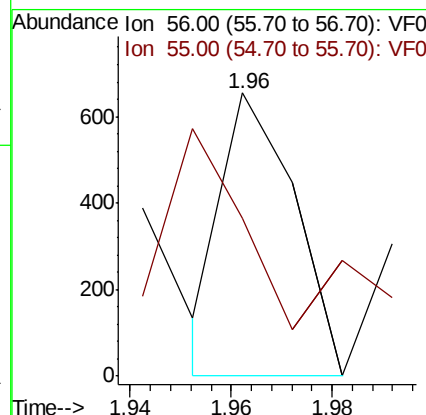
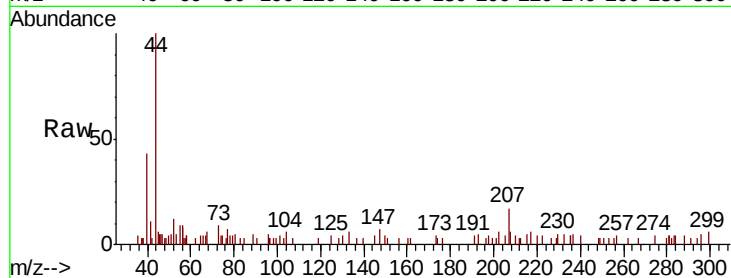




#13
Acrolein
Concen: 4915.555 ug/l
RT: 1.96 min Scan# 145
Delta R.T. -0.15 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

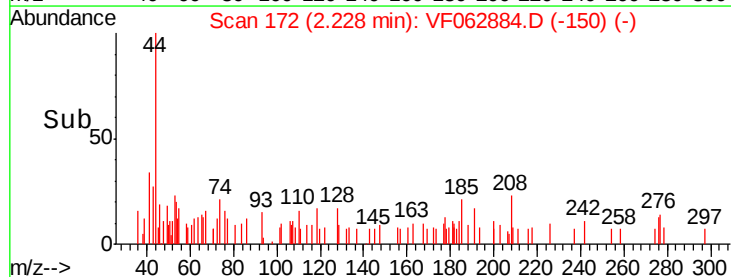
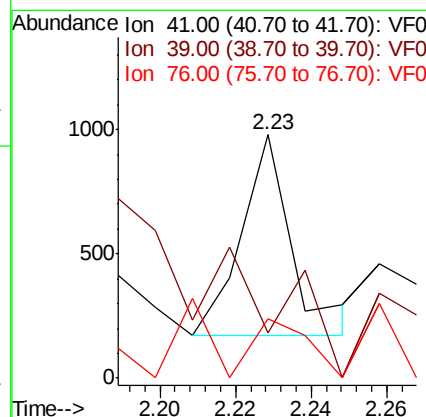
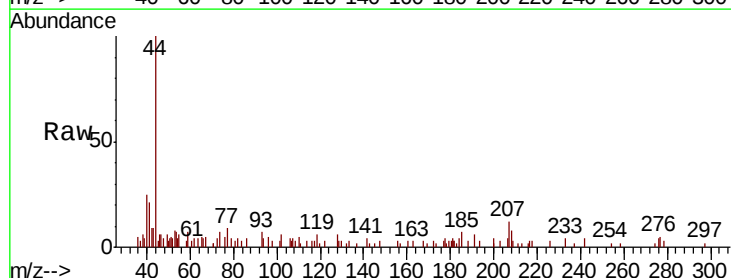
Instrument :
MSVOA_F
ClientSampleId :
RT-5124RE

Tot Ion: 56 Resp: 652
Ion Ratio Lower Upper
56 100
55 56.0 52.9 79.3



#14
Allyl chloride
Concen: 140.892 ug/l
RT: 2.23 min Scan# 172
Delta R.T. 0.01 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion: 41 Resp: 743
Ion Ratio Lower Upper
41 100
39 18.7 71.9 107.9#
76 24.4 39.6 59.4#





#15

Acrylonitrile

Concen: 591.023 ug/l

RT: 3.11 min Scan# 261

Delta R.T. -0.01 min

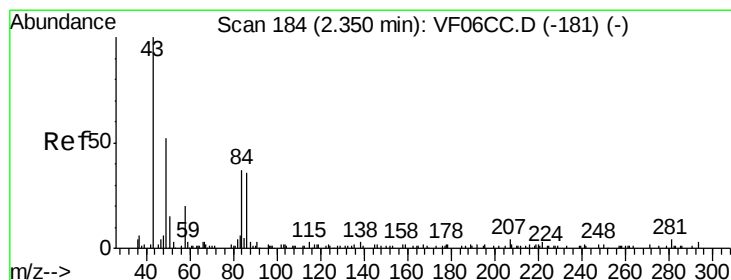
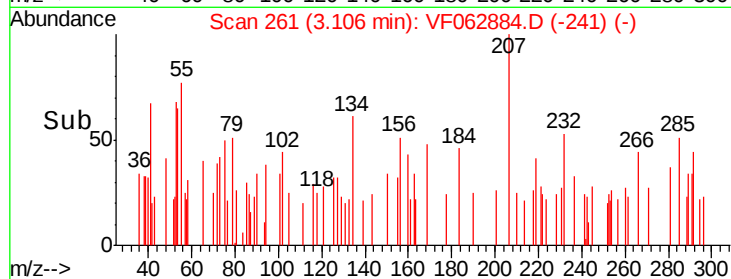
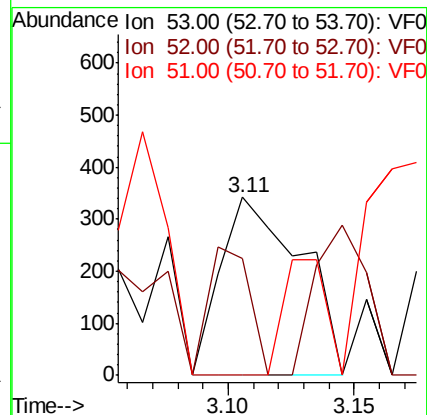
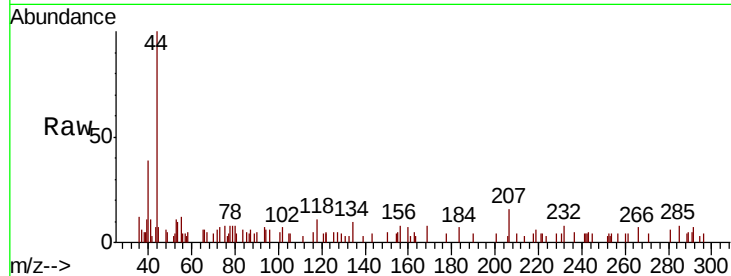
Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :
MSVOA_F
ClientSampled :
RT-5124RE

Tot Ion: 53 Resp: 761

Ion	Ratio	Lower	Upper
53	100		
52	33.6	68.1	102.1#
51	0.0	27.7	41.5#



#16

Acetone

Concen: 231.723 ug/l

RT: 2.39 min Scan# 188

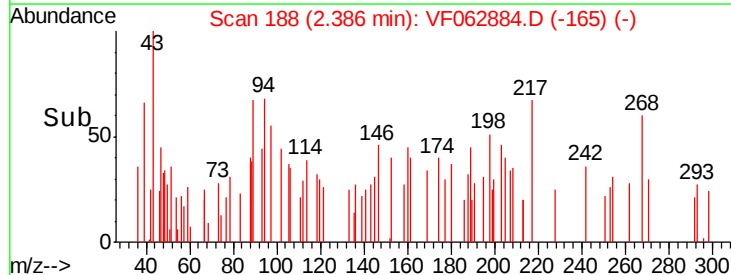
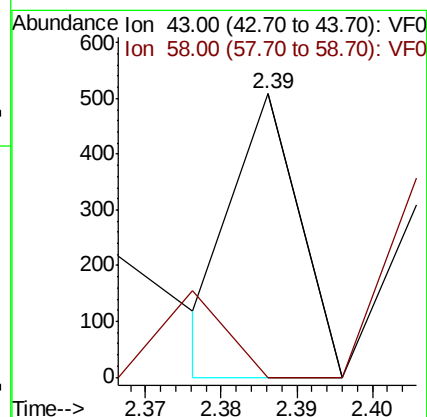
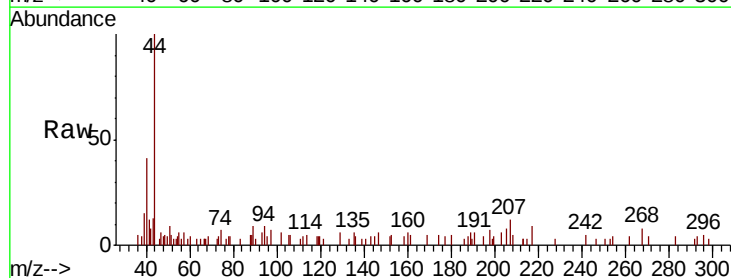
Delta R.T. 0.02 min

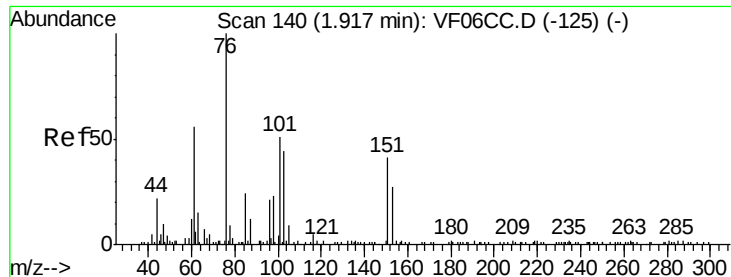
Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Tgt Ion: 43 Resp: 300

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.0	28.4#





#17

Carbon Disulfide

Concen: 27.532 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

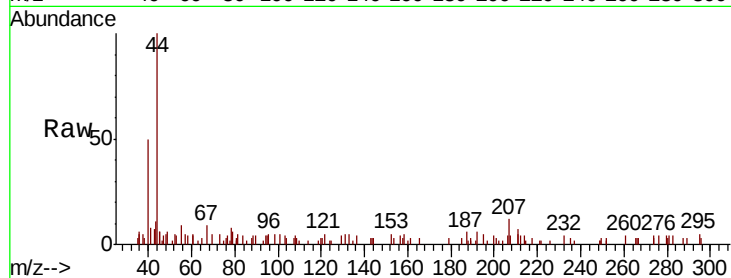
RT-5124RE

Tot Ion: 76 Resp: 547

Ion Ratio Lower Upper

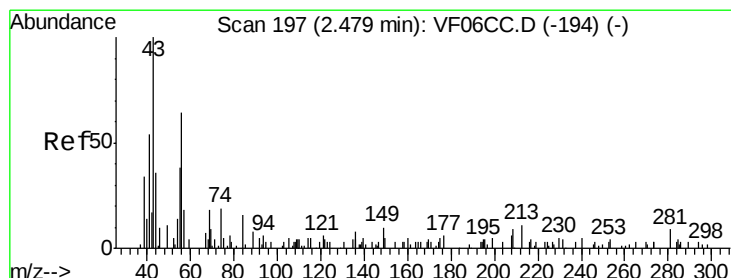
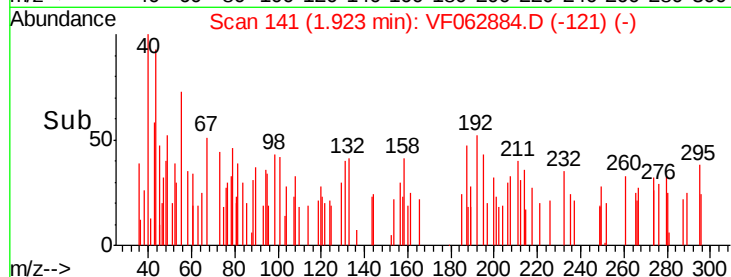
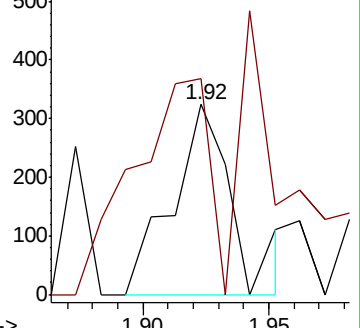
76 100

78 113.6 9.4 14.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 316.037 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.12 min

Lab File: VF062884.D

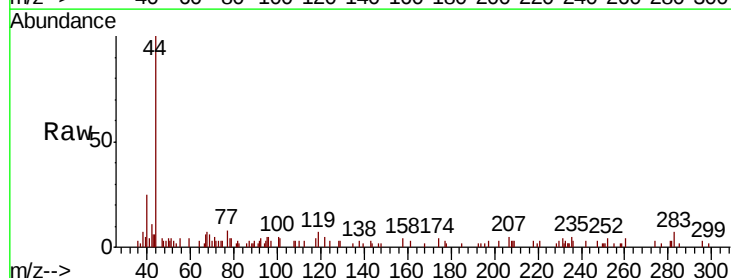
Acq: 6 Jun 2019 15:54

Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

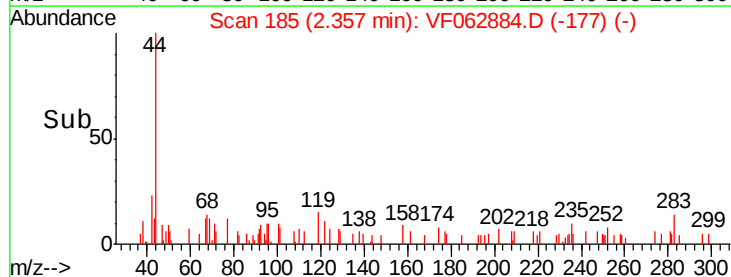
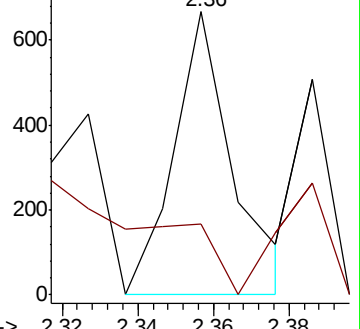
43 100

74 25.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



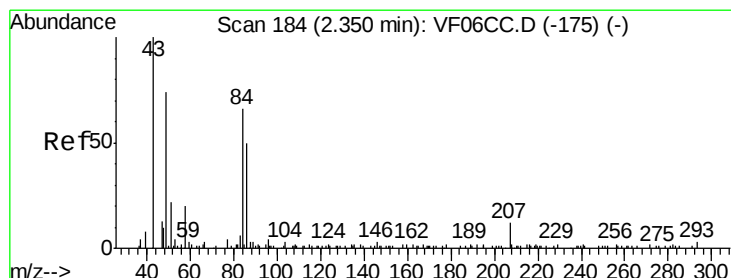
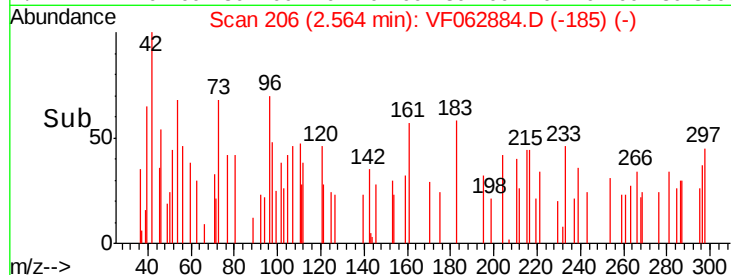
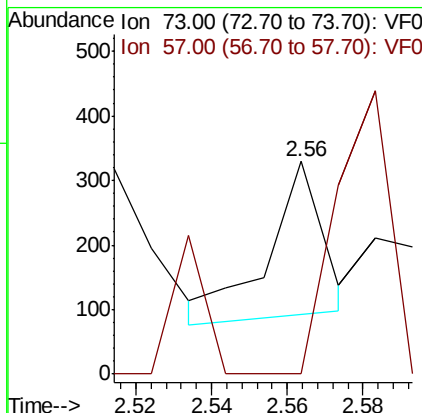
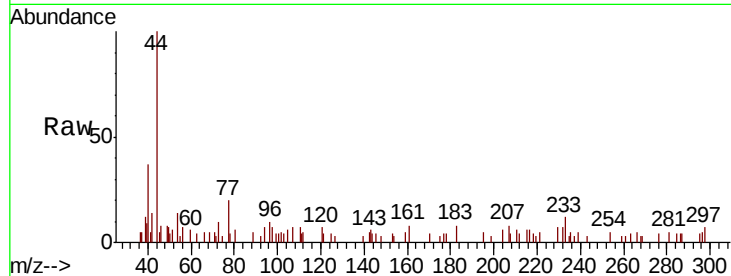


#19

Methyl tert-butyl Ether
 Concen: 19.163 ug/l
 RT: 2.56 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-5124RE

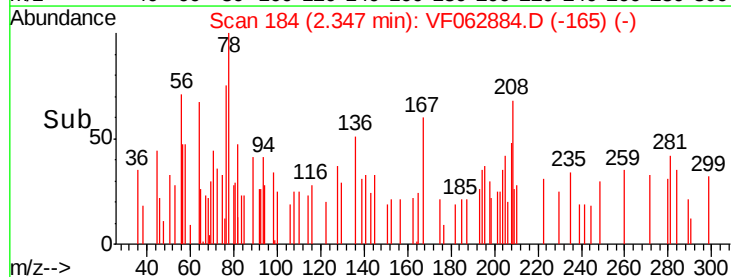
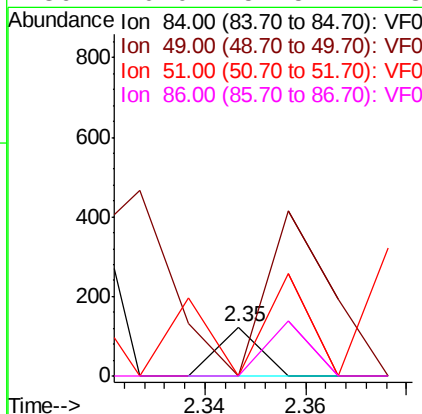
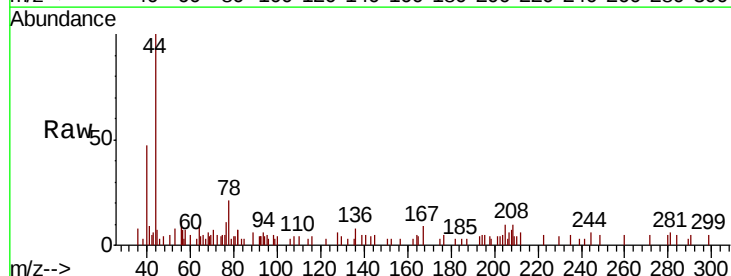
Tot Ion: 73 Resp: 236
 Ion Ratio Lower Upper
 73 100
 57 0.0 15.1 22.7#

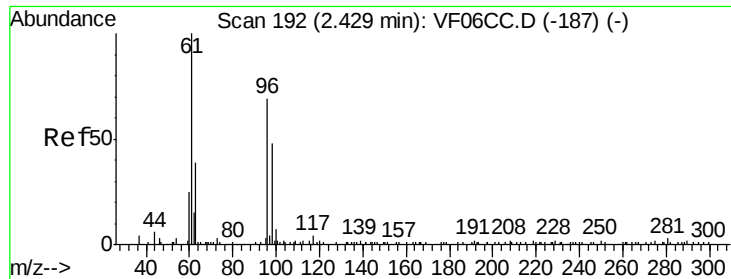


#20

Methylene Chloride
 Concen: 8.799 ug/l
 RT: 2.35 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Tgt Ion: 84 Resp: 73
 Ion Ratio Lower Upper
 84 100
 49 0.0 82.6 123.8#
 51 0.0 25.0 37.4#
 86 0.0 51.5 77.3#





#21

trans-1,2-Dichloroethene

Concen: 166.382 ug/l

RT: 2.46 min Scan# 195

Delta R.T. 0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

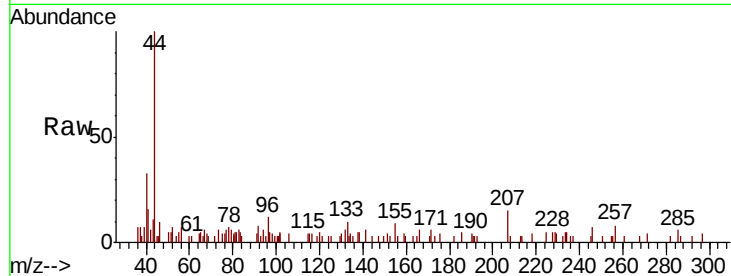
Tot Ion: 96 Resp: 1134

Ion Ratio Lower Upper

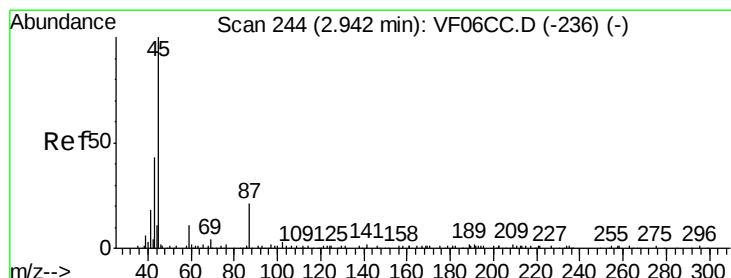
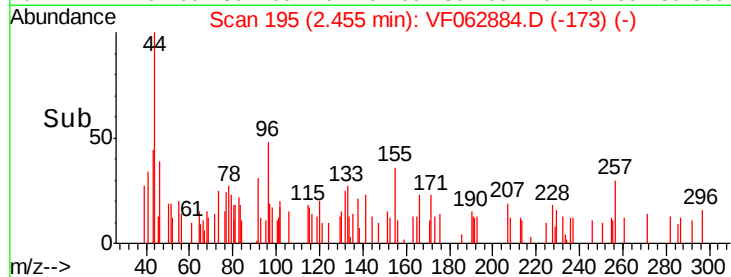
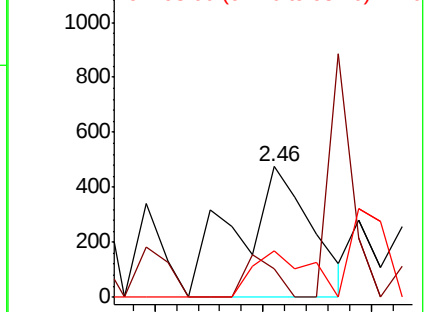
96 100

61 15.3 105.0 157.6#

98 25.7 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: 44.852 ug/l

RT: 2.97 min Scan# 247

Delta R.T. 0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Tgt Ion: 45 Resp: 672

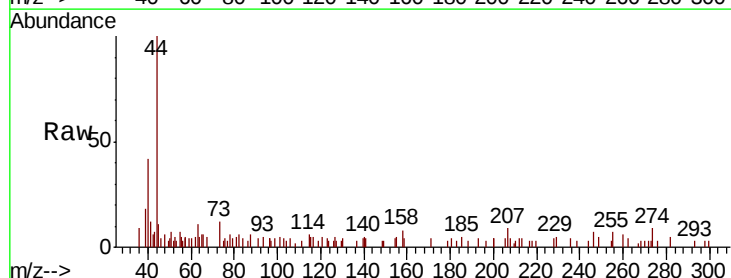
Ion Ratio Lower Upper

45 100

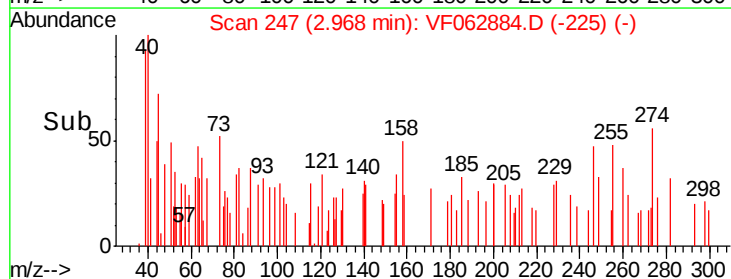
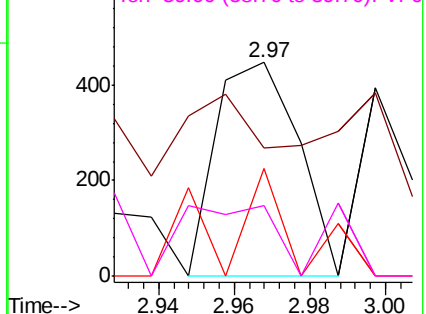
43 59.7 34.3 51.5#

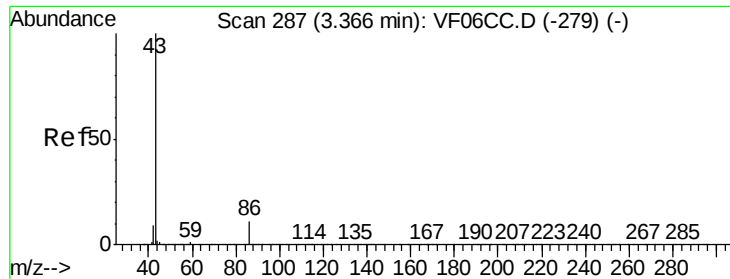
87 50.6 19.0 28.4#

59 33.3 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

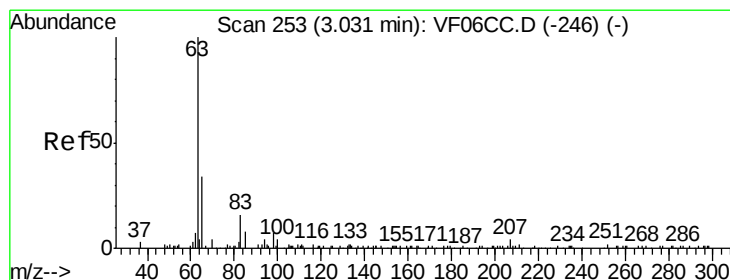
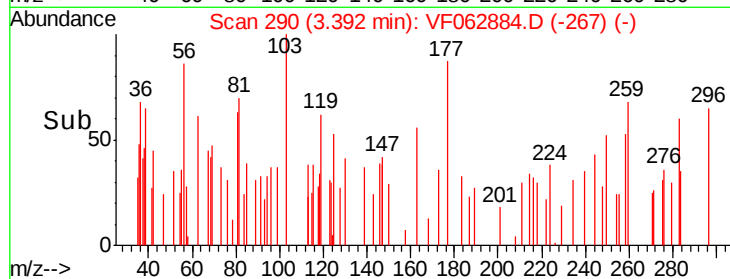
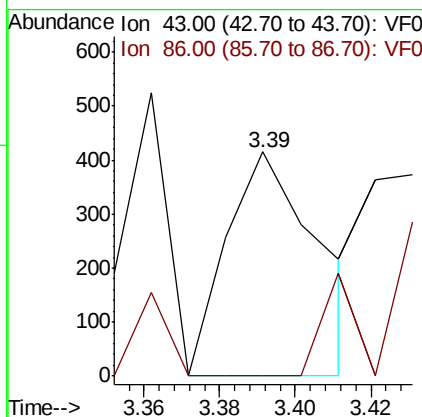
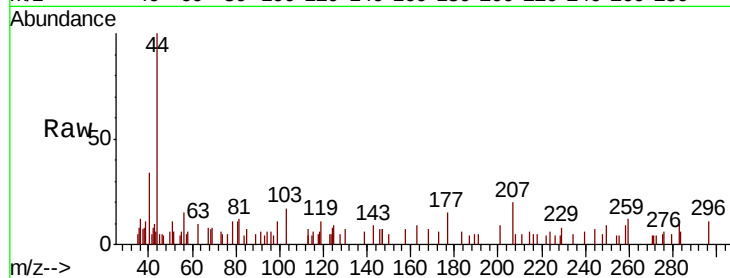




#23
 Vinyl Acetate
 Concen: 67.270 ug/l
 RT: 3.39 min Scan# 290
 Delta R.T. 0.02 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

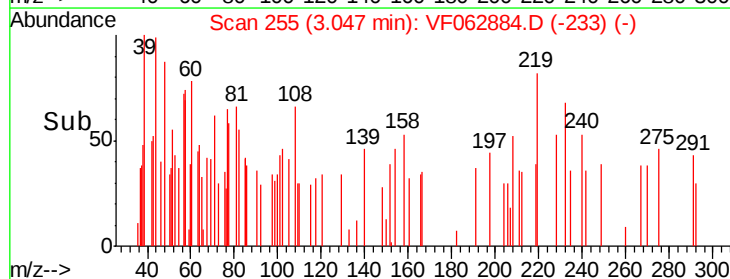
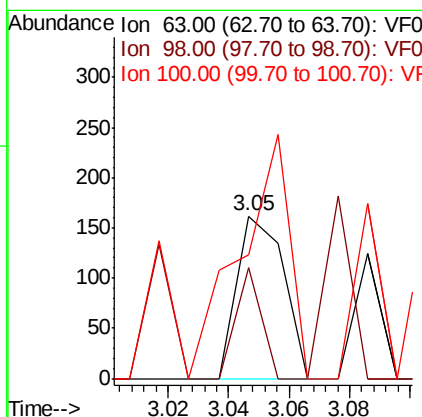
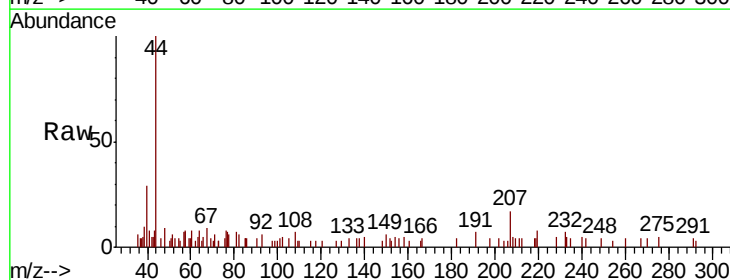
Instrument :
 MSVOA_F
 ClientSampleID :
 RT-5124RE

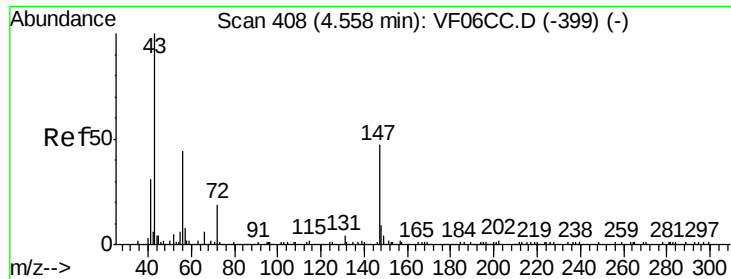
Tot Ion: 43 Resp: 690
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 15.733 ug/l
 RT: 3.05 min Scan# 255
 Delta R.T. 0.01 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Tgt Ion: 63 Resp: 176
 Ion Ratio Lower Upper
 63 100
 98 67.9 2.4 7.1#
 100 75.9 1.5 4.5#





#25

2-Butanone

Concen: 208.959 ug/l

RT: 4.62 min Scan# 415

Delta R.T. 0.07 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

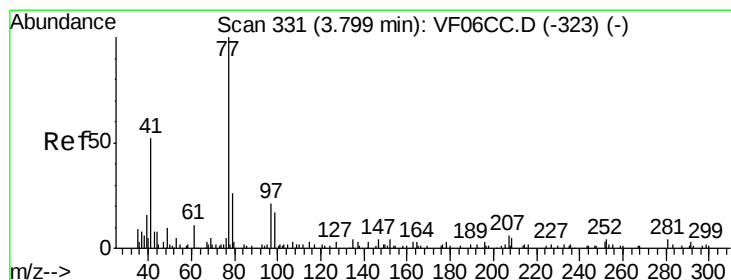
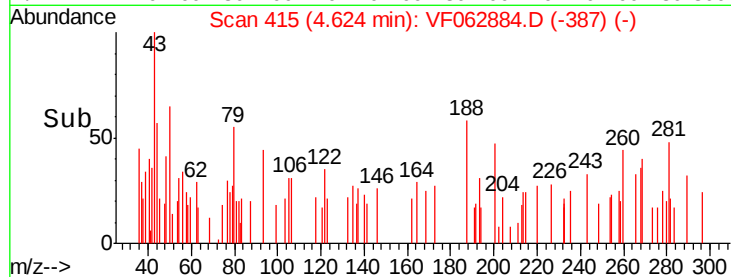
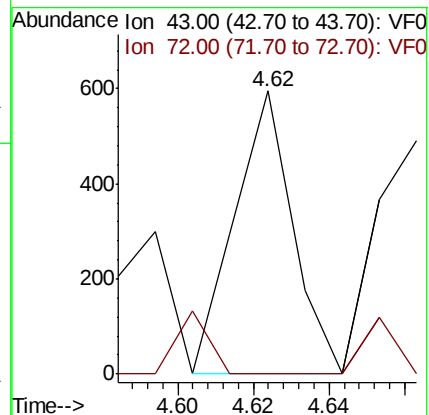
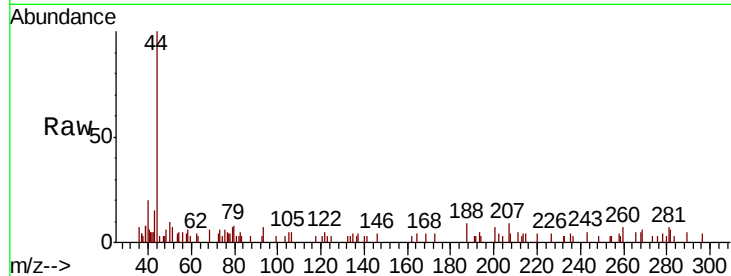
Instrument :
MSVOA_F
ClientSampleId :
RT-5124RE

Tot Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

72 27.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 140.590 ug/l

RT: 3.91 min Scan# 343

Delta R.T. 0.11 min

Lab File: VF062884.D

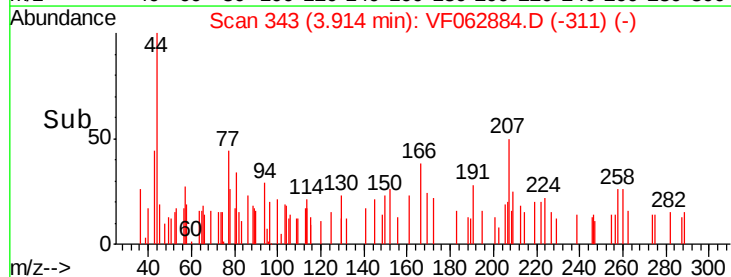
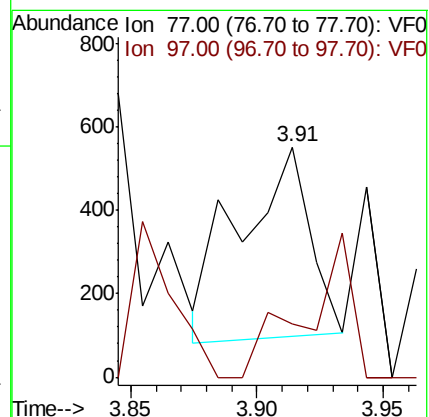
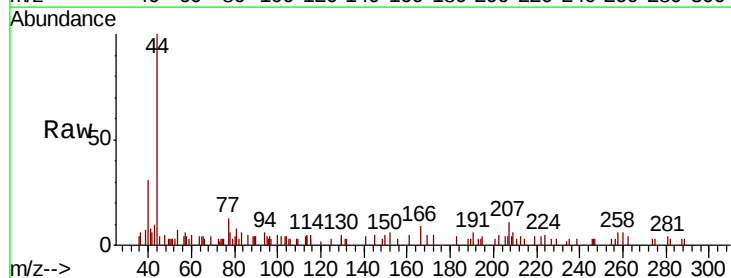
Acq: 6 Jun 2019 15:54

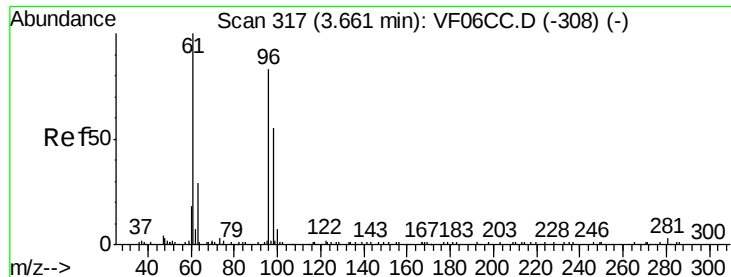
Tgt Ion: 77 Resp: 893

Ion Ratio Lower Upper

77 100

97 23.3 12.4 37.4



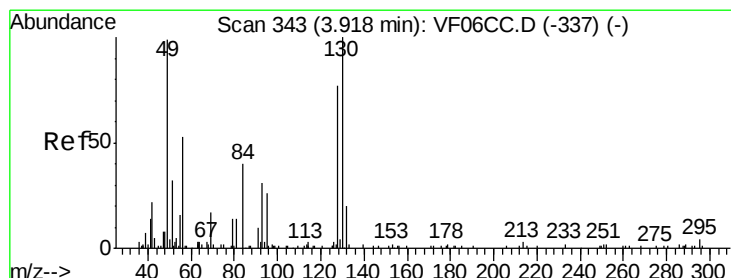
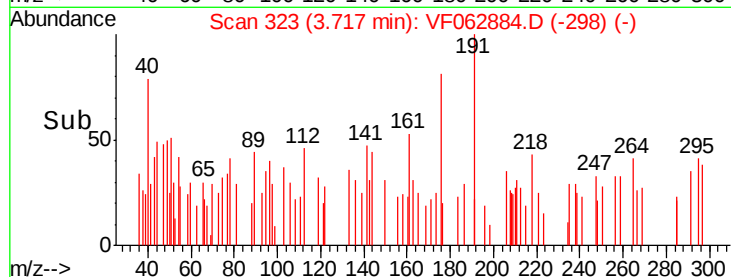
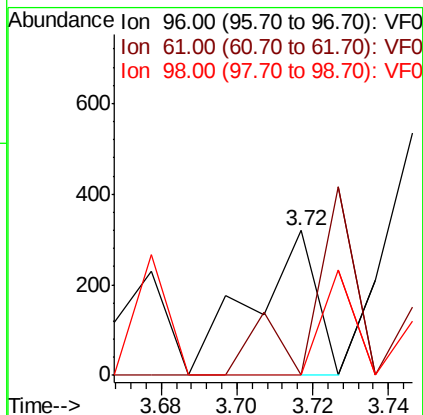
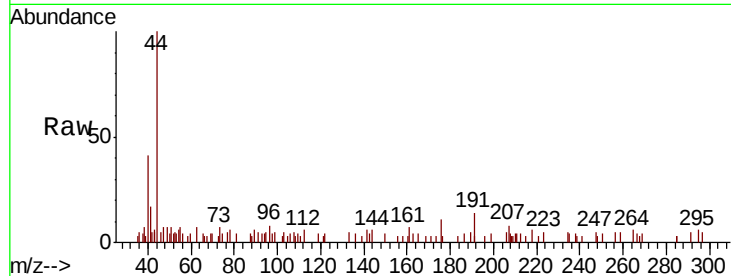


#27

cis-1,2-Dichloroethene
Concen: 32.470 ug/l
RT: 3.72 min Scan# 323
Delta R.T. 0.04 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Instrument :
MSVOA_F
ClientSampleId :
RT-5124RE

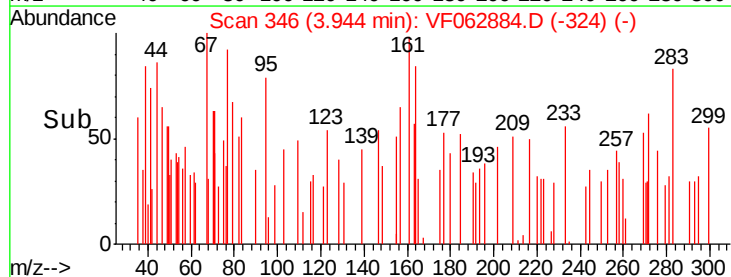
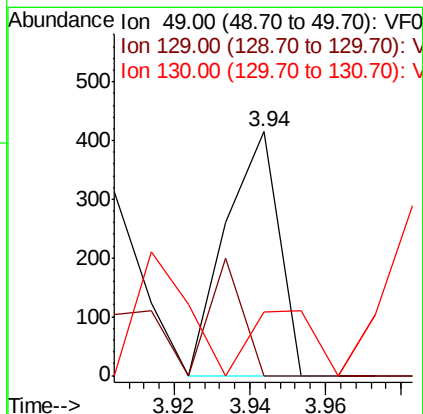
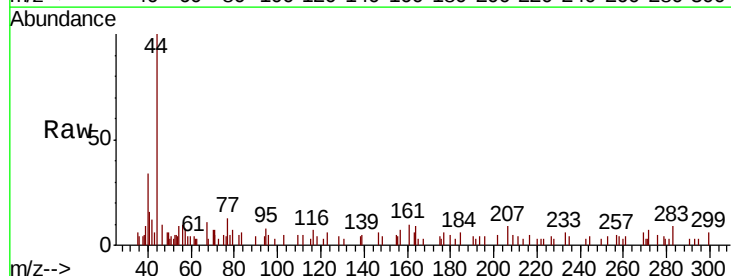
Tot Ion: 96 Resp: 372
Ion Ratio Lower Upper
96 100
61 0.0 0.0 213.8
98 55.9 0.0 127.0

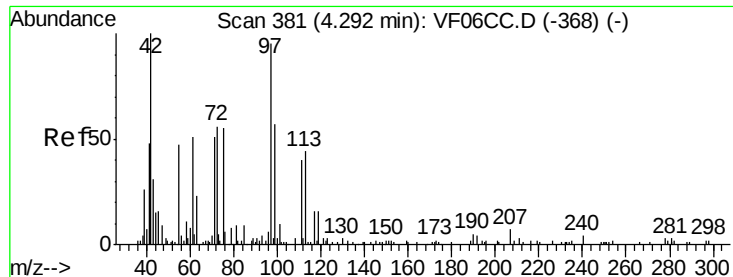


#28

Bromochloromethane
Concen: 65.736 ug/l
RT: 3.94 min Scan# 346
Delta R.T. 0.01 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion: 49 Resp: 400
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.4
130 25.8 79.2 118.8#

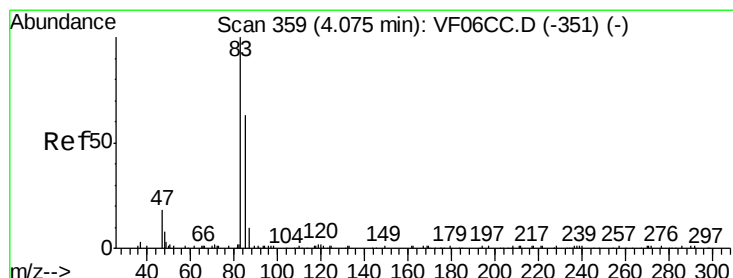
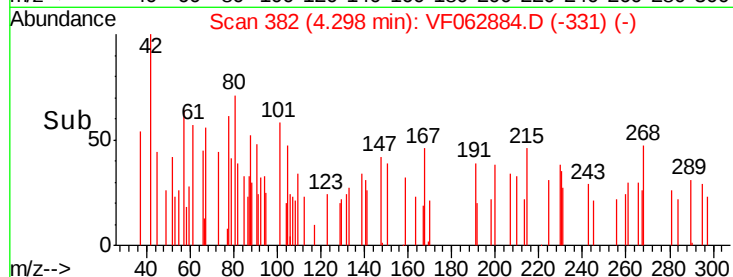
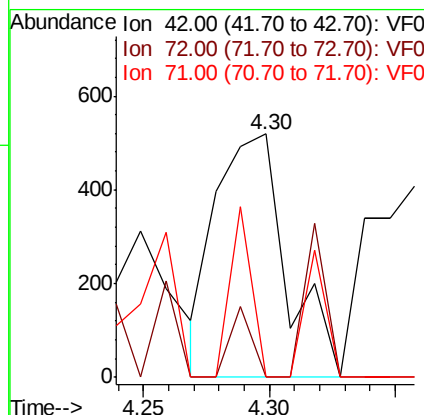
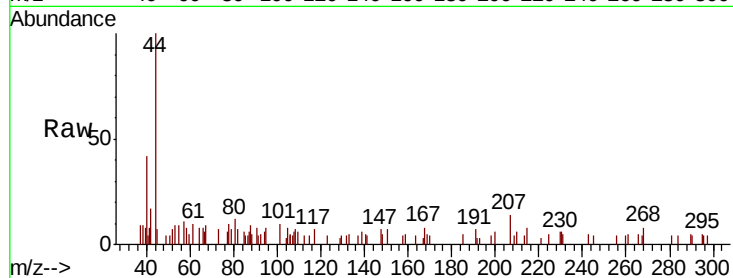




#29
Tetrahydrofuran
Concen: 876.742 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

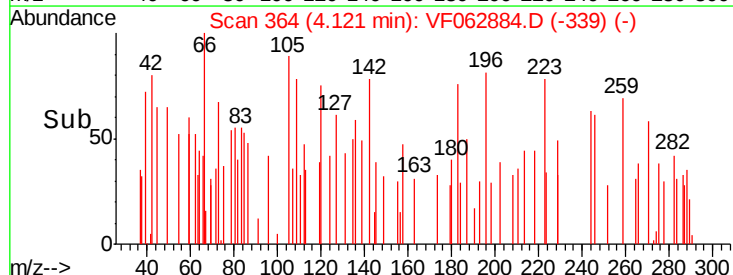
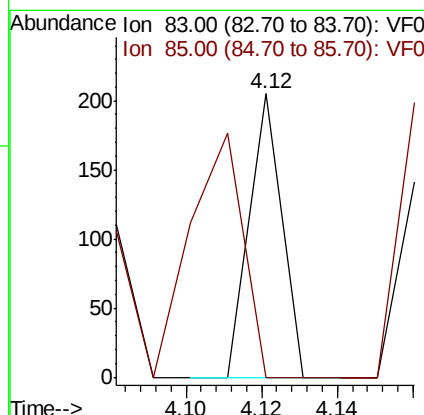
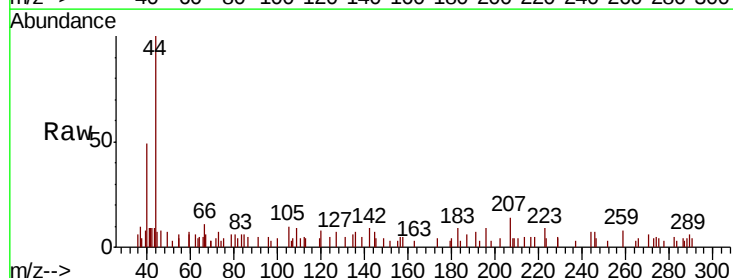
Instrument :
MSVOA_F
ClientSampleID :
RT-5124RE

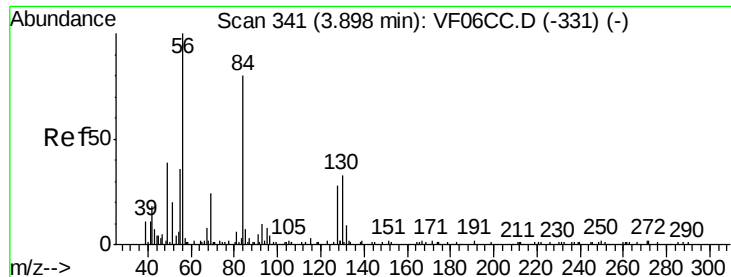
Tot Ion: 42 Resp: 1011
Ion Ratio Lower Upper
42 100
72 8.9 39.0 58.6#
71 21.3 36.9 55.3#



#30
Chloroform
Concen: 7.675 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.04 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion: 83 Resp: 121
Ion Ratio Lower Upper
83 100
85 0.0 55.0 82.6#

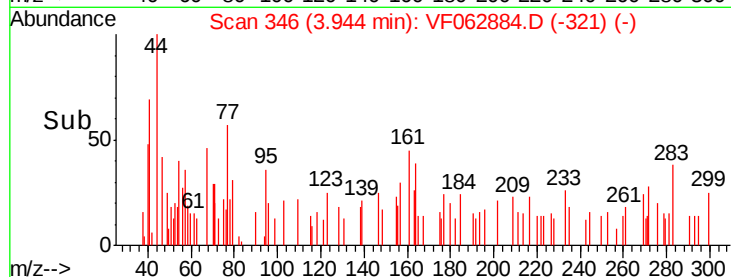
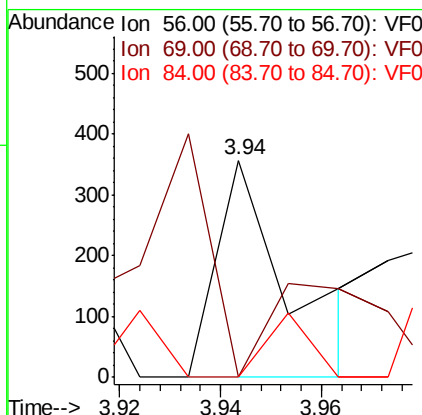
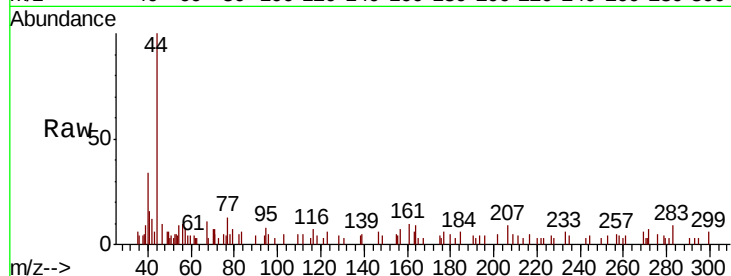




#31
Cyclohexane
Concen: 23.704 ug/l
RT: 3.94 min Scan# 346
Delta R.T. 0.04 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

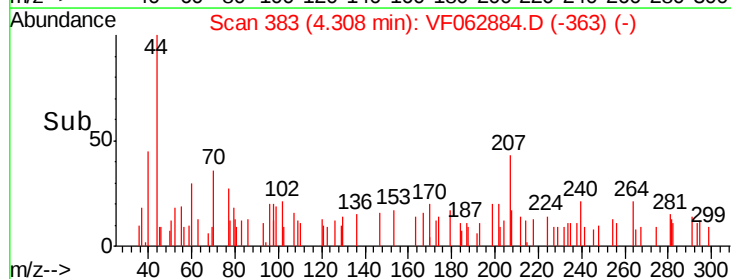
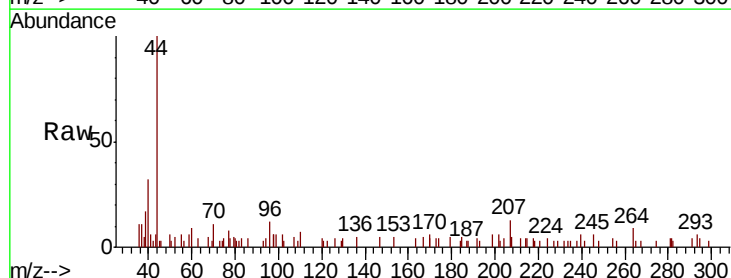
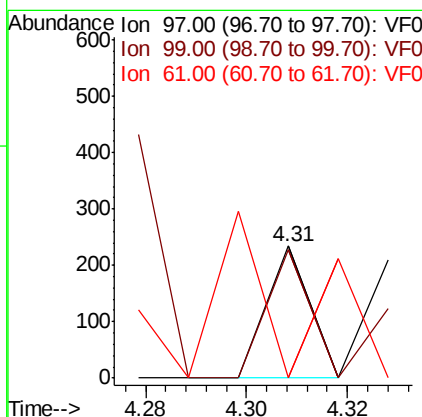
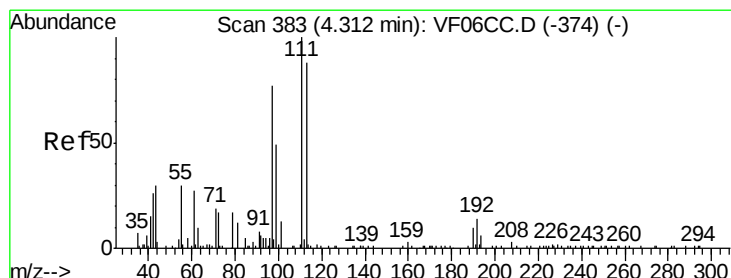
Instrument :
MSVOA_F
ClientSampleId :
RT-5124RE

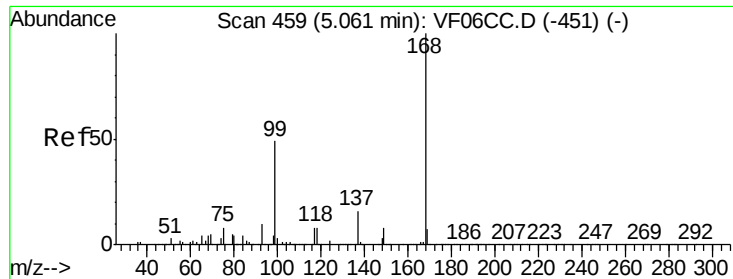
Tot Ion: 56 Resp: 359
Ion Ratio Lower Upper
56 100
69 0.0 26.7 40.1#
84 0.0 74.3 111.5#



#32
1,1,1-Trichloroethane
Concen: 15.033 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.01 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion: 97 Resp: 138
Ion Ratio Lower Upper
97 100
99 48.5 51.7 77.5#
61 0.0 38.9 58.3#

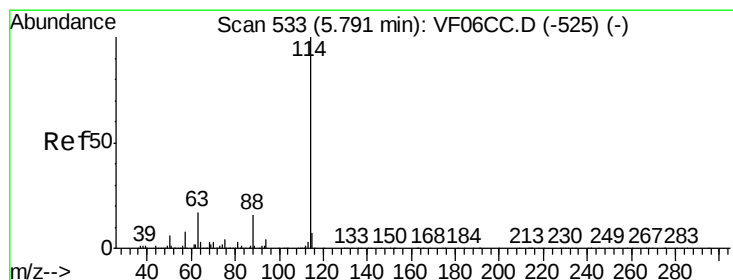
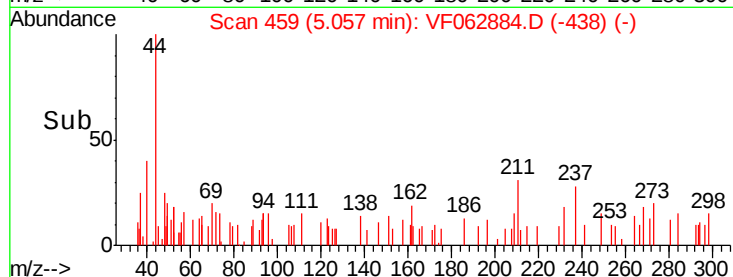
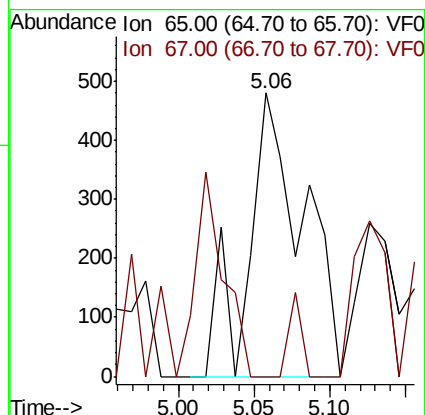
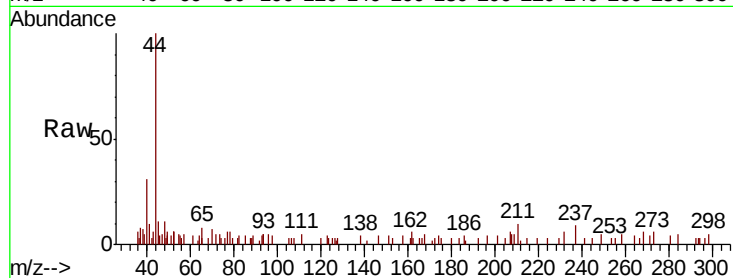




#33
 1,2-Dichloroethane-d4
 Concen: 217.448 ug/l
 RT: 5.06 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

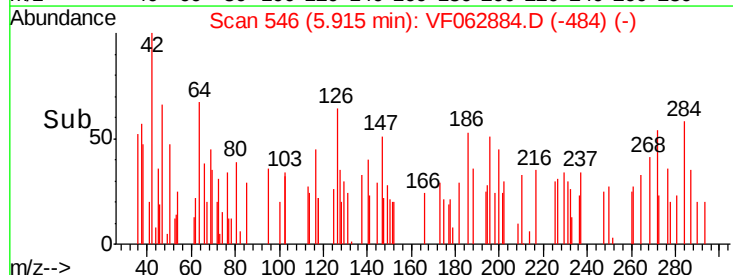
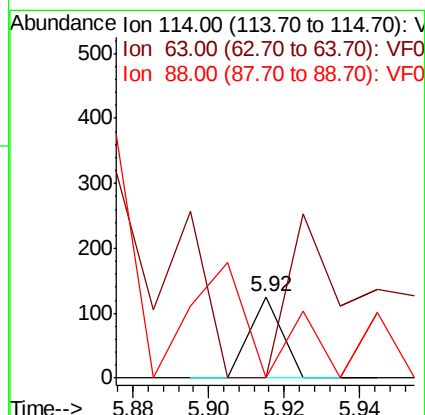
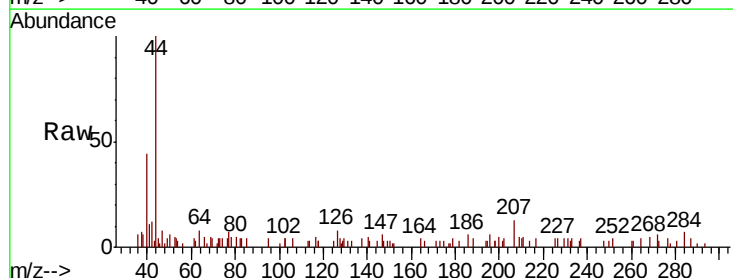
Instrument :
 MSVOA_F
 ClientSampleId :
 RT-5124RE

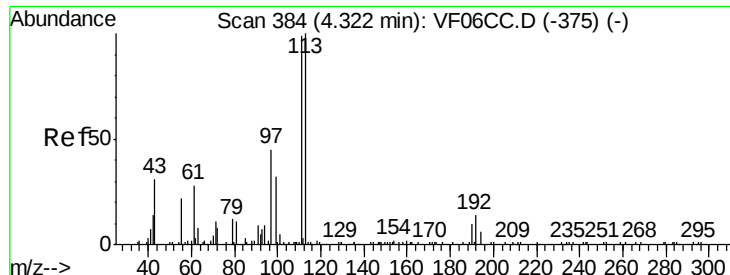
Tot Ion: 65 Resp: 1230
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.92 min Scan# 546
 Delta R.T. 0.11 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Tgt Ion: 114 Resp: 74
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 34.2
 88 0.0 0.0 31.2

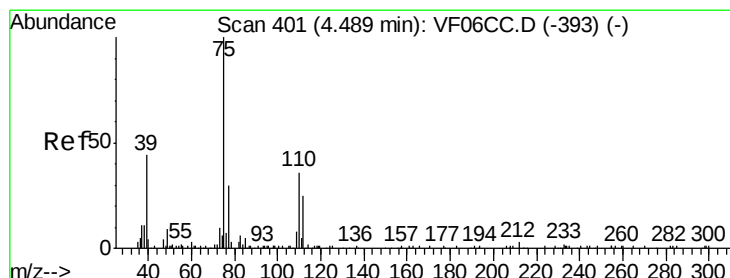
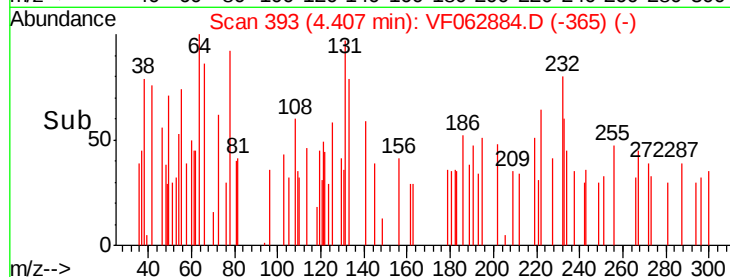
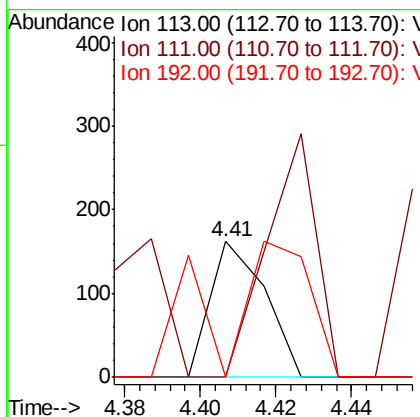
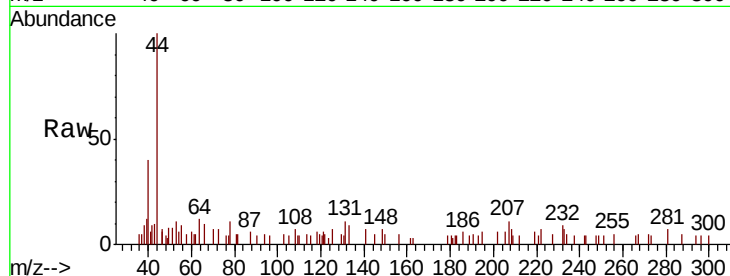




#35
Dibromofluoromethane
Concen: 286.132 ug/l
RT: 4.41 min Scan# 393
Delta R.T. 0.07 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

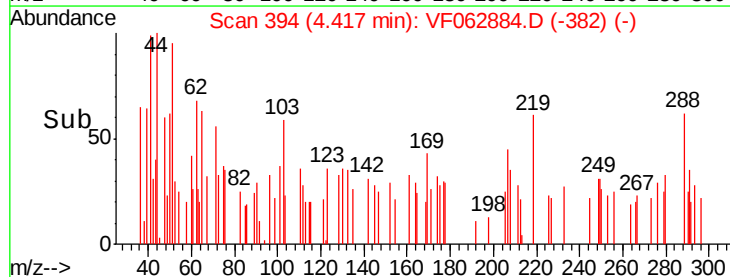
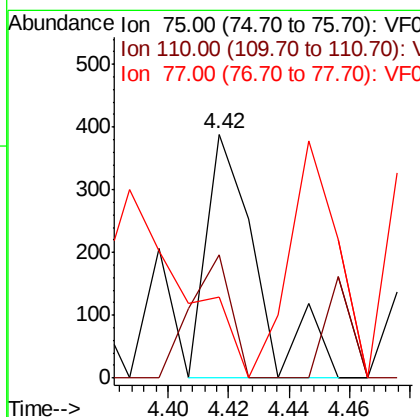
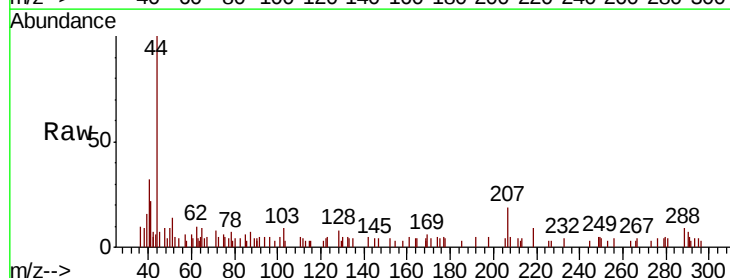
Instrument :
MSVOA_F
ClientSampled :
RT-5124RE

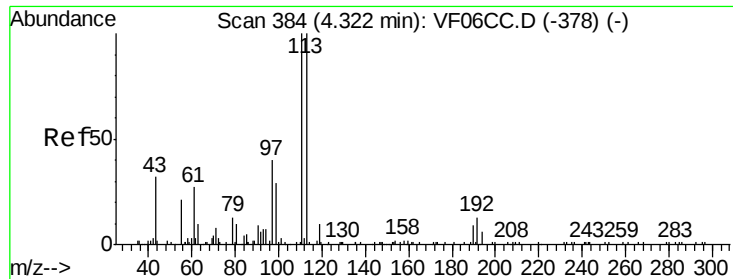
Tot Ion:113 Resp: 160
Ion Ratio Lower Upper
113 100
111 0.0 81.9 122.9#
192 0.0 15.1 22.7#



#36
1,1-Dichloropropene
Concen: 659.094 ug/l
RT: 4.42 min Scan# 394
Delta R.T. -0.08 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion: 75 Resp: 449
Ion Ratio Lower Upper
75 100
110 50.5 19.4 58.1
77 33.2 25.4 38.2

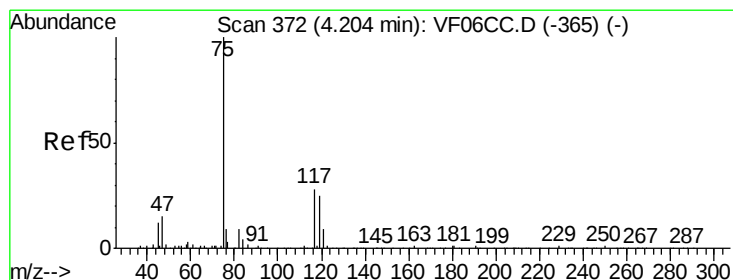
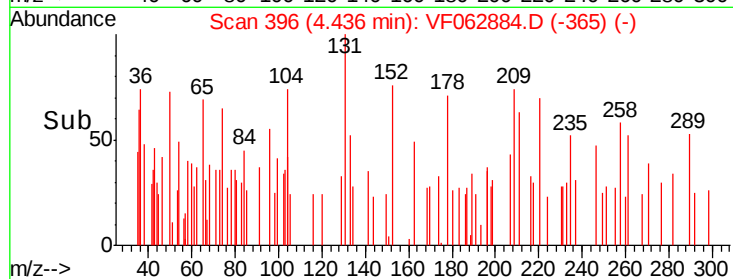
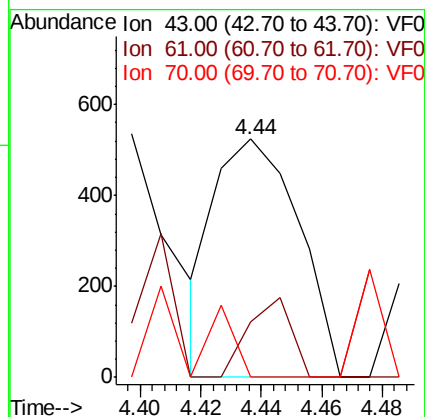
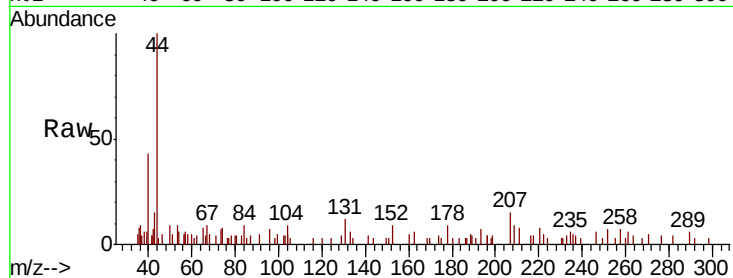




#37
Ethyl Acetate
Concen: 3897.655 ug/l
RT: 4.44 min Scan# 396
Delta R.T. 0.10 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

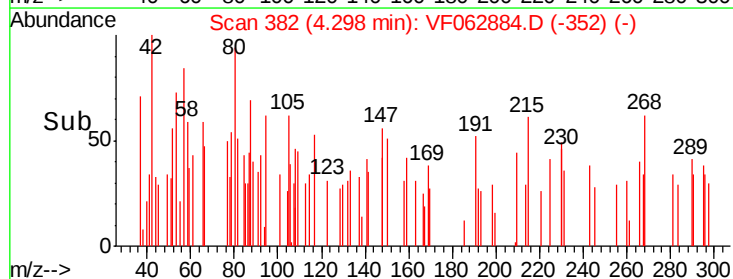
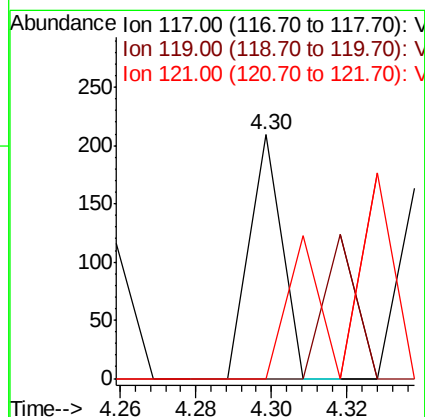
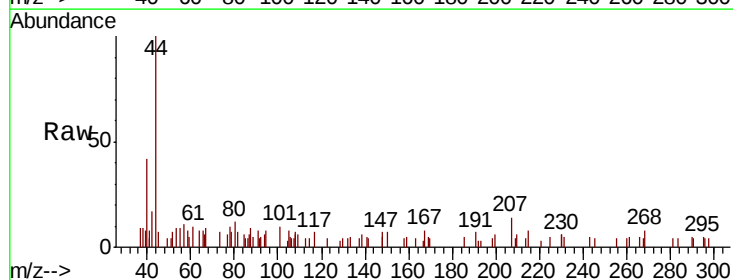
Instrument :
MSVOA_F
ClientSampleId :
RT-5124RE

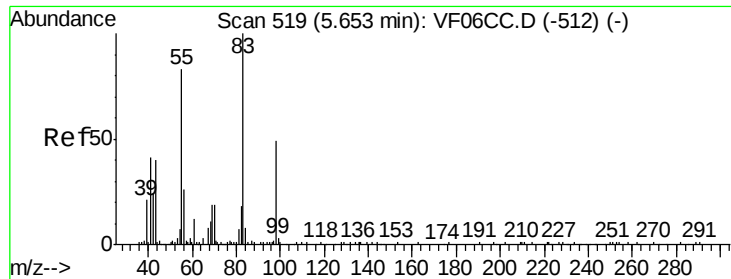
Tot Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
61 23.5 59.1 88.7#
70 0.0 10.1 15.1#



#38
Carbon Tetrachloride
Concen: 269.327 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.09 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion: 117 Resp: 124
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 28.2 42.2#

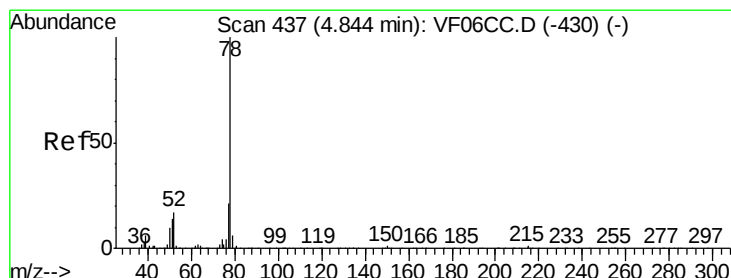
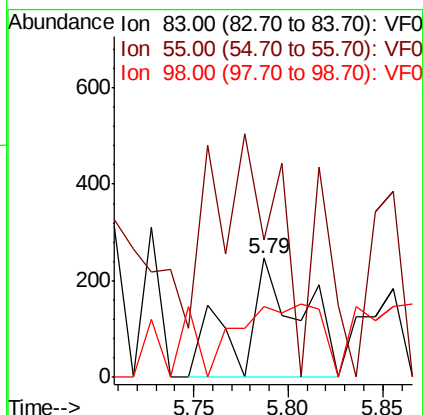
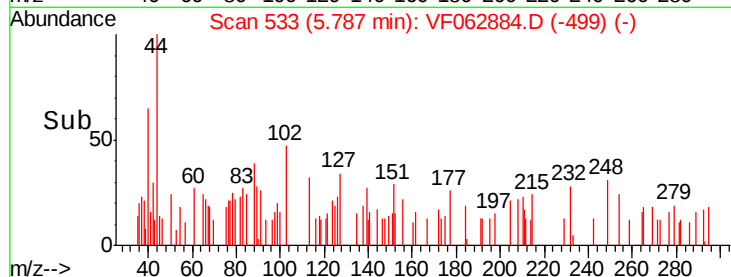
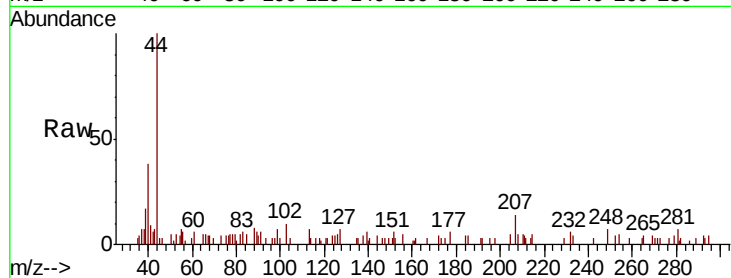




#39
Methylcyclohexane
Concen: 651.047 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.13 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

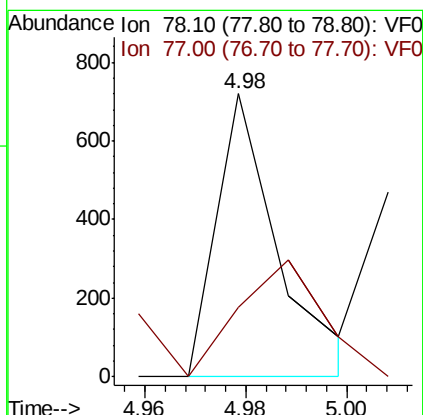
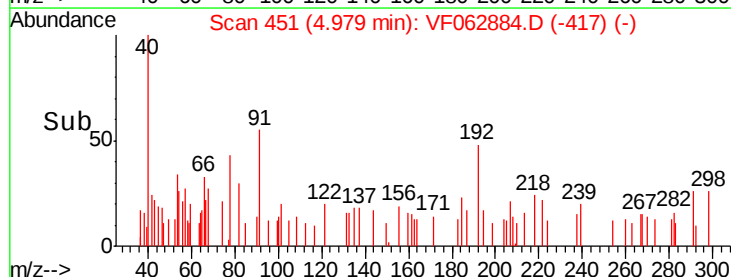
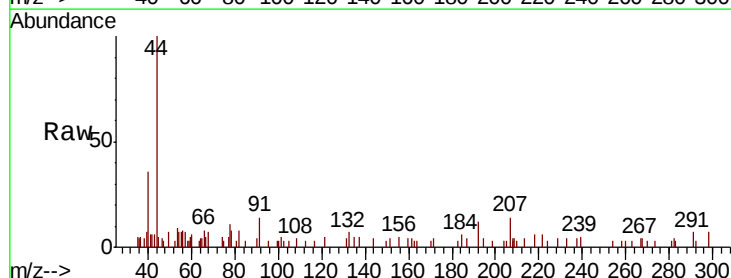
Instrument :
MSVOA_F
ClientSampleID :
RT-5124RE

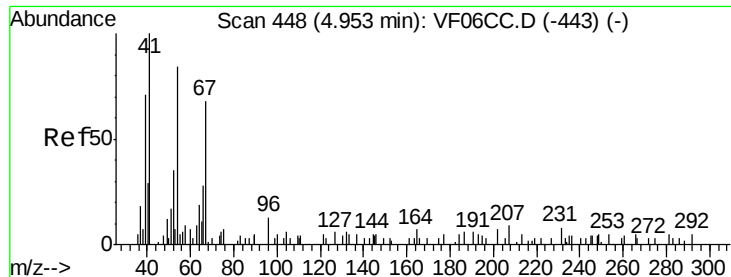
Tot Ion: 83 Resp: 552
Ion Ratio Lower Upper
83 100
55 226.7 61.6 92.4#
98 59.1 37.4 56.2#



#40
Benzene
Concen: 306.156 ug/l
RT: 4.98 min Scan# 451
Delta R.T. 0.13 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion: 78 Resp: 607
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3

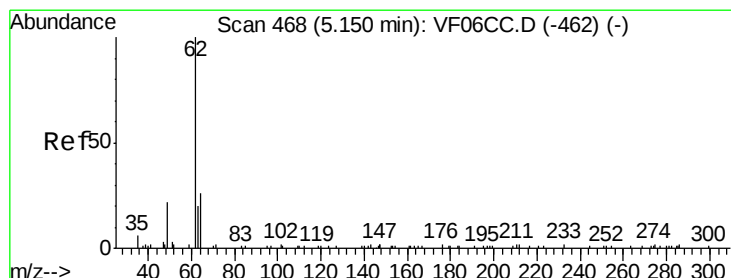
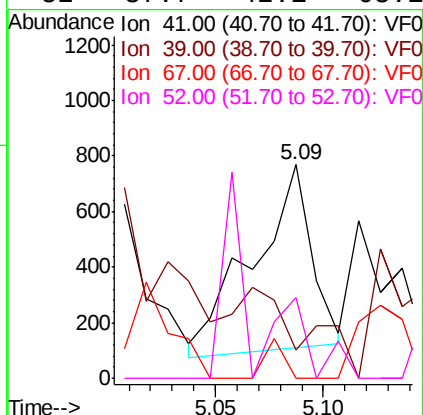
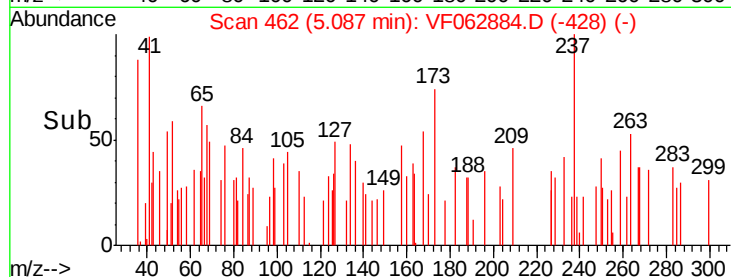
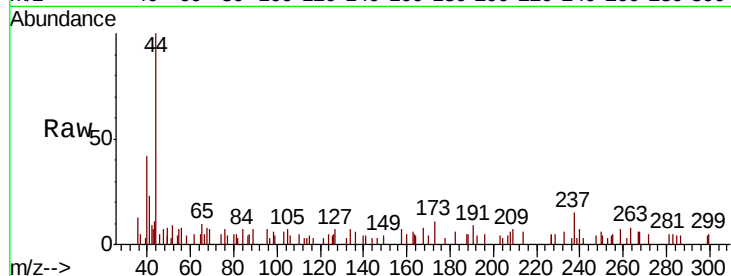




#41
Methacrylonitrile
Concen: 8606.811 ug/l
RT: 5.09 min Scan# 462
Delta R.T. 0.13 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

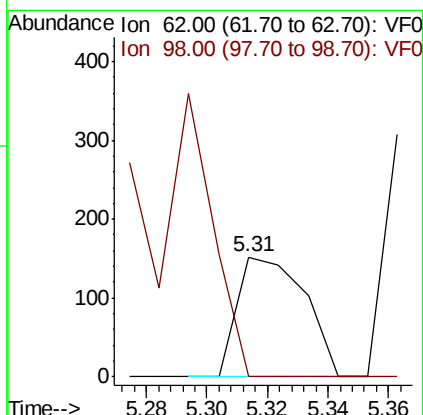
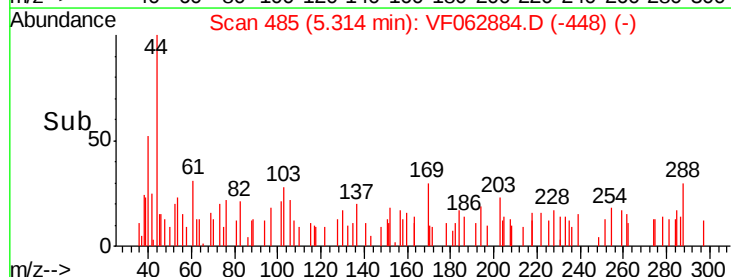
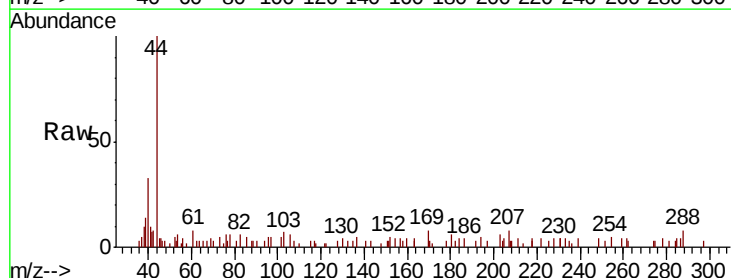
Instrument :
MSVOA_F
ClientSampleId :
RT-5124RE

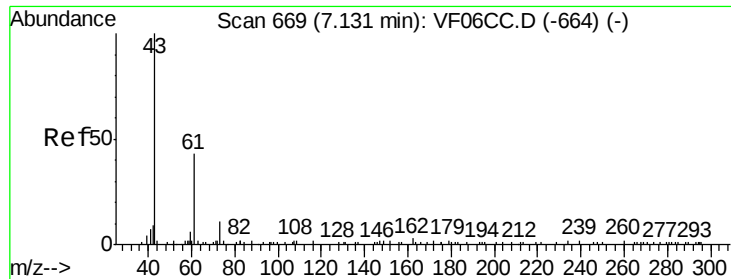
Tot Ion:	41	Resp:	1246
Ion	Ratio	Lower	Upper
41	100		
39	13.0	42.0	63.0#
67	0.0	61.4	92.0#
52	37.7	42.1	63.1#



#42
1,2-Dichloroethane
Concen: 620.550 ug/l
RT: 5.31 min Scan# 485
Delta R.T. 0.16 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion:	62	Resp:	234
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	24.0



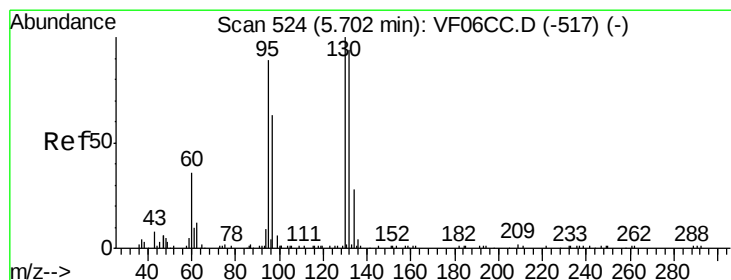
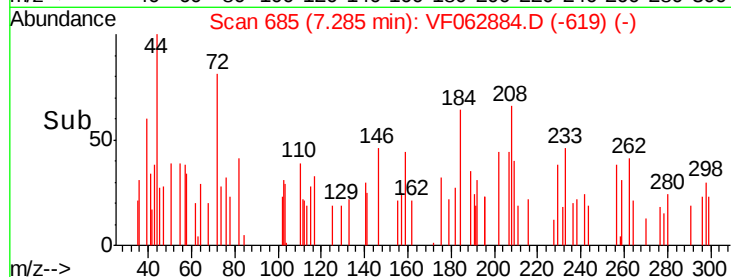
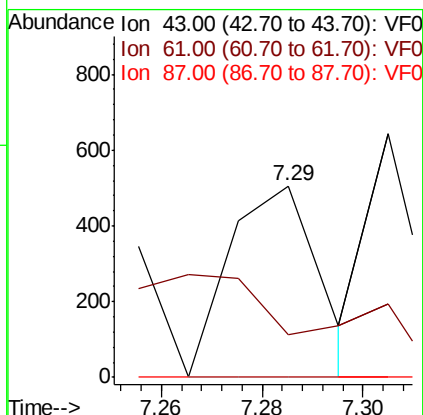
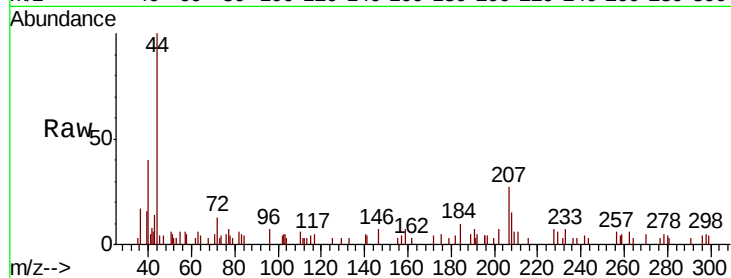


#43

Isopropyl Acetate
 Concen: 1813.911 ug/l
 RT: 7.29 min Scan# 685
 Delta R.T. 0.15 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-5124RE

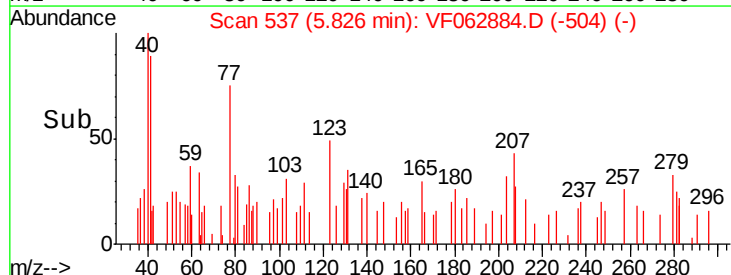
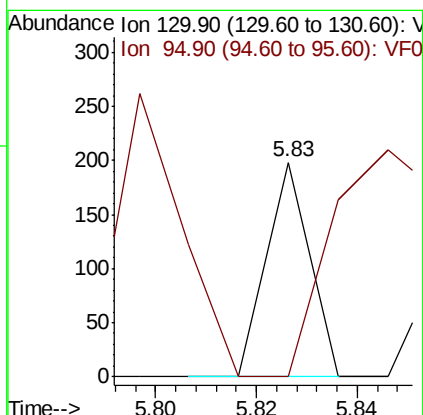
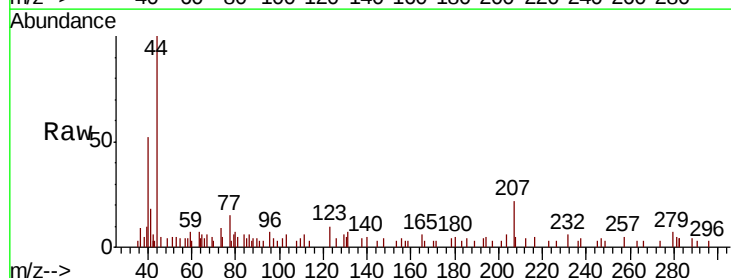
Tot Ion: 43 Resp: 624
 Ion Ratio Lower Upper
 43 100
 61 22.5 29.8 44.6#
 87 0.0 0.3 0.5#

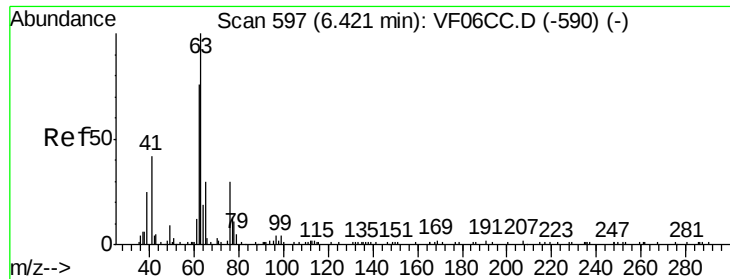


#44

Trichloroethene
 Concen: 209.097 ug/l
 RT: 5.83 min Scan# 537
 Delta R.T. 0.12 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Tgt Ion: 130 Resp: 117
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 287.415 ug/l

RT: 6.59 min Scan# 614

Delta R.T. 0.15 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

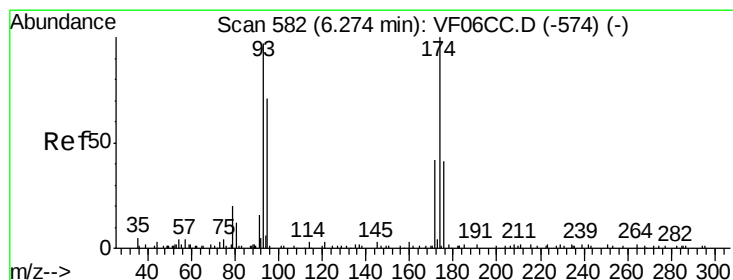
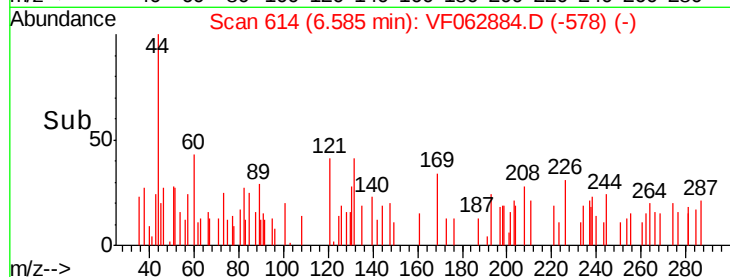
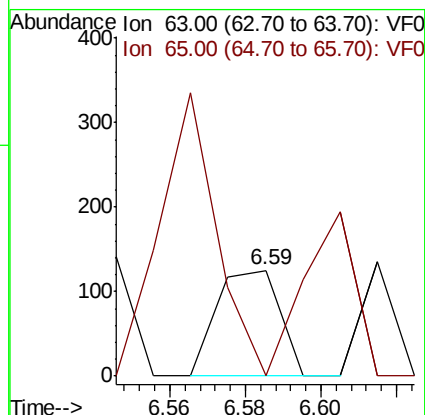
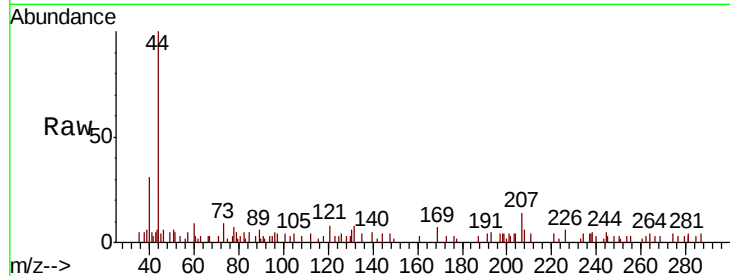
RT-5124RE

Tot Ion: 63 Resp: 143

Ion Ratio Lower Upper

63 100

65 0.0 24.2 36.2#



#46

Dibromomethane

Concen: 271.960 ug/l

RT: 6.43 min Scan# 598

Delta R.T. 0.14 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

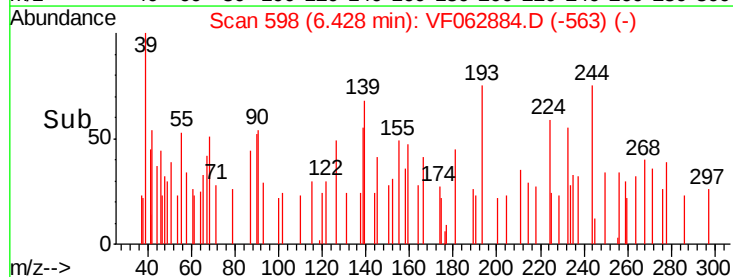
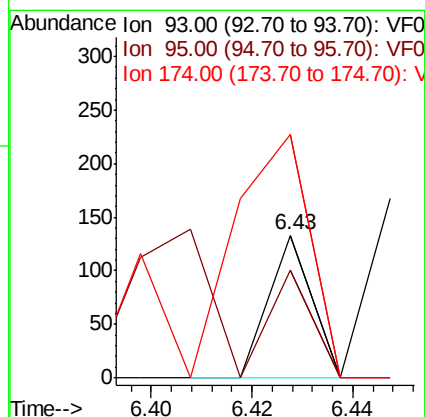
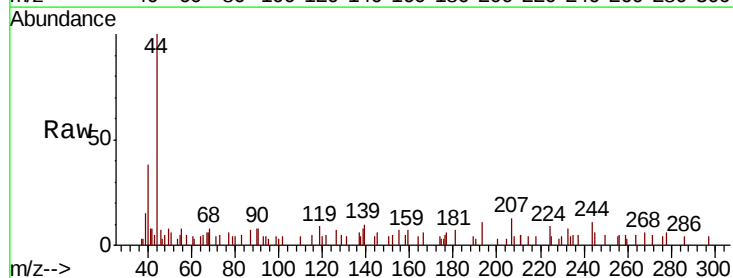
Tgt Ion: 93 Resp: 79

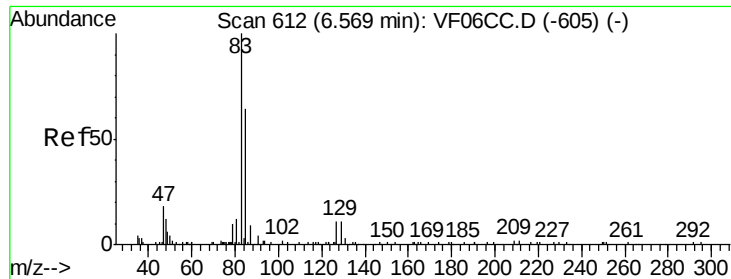
Ion Ratio Lower Upper

93 100

95 75.9 67.9 101.9

174 170.7 85.0 127.4#





#47

Bromodichloromethane

Concen: 116.635 ug/l

RT: 6.71 min Scan# 627

Delta R.T. 0.13 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

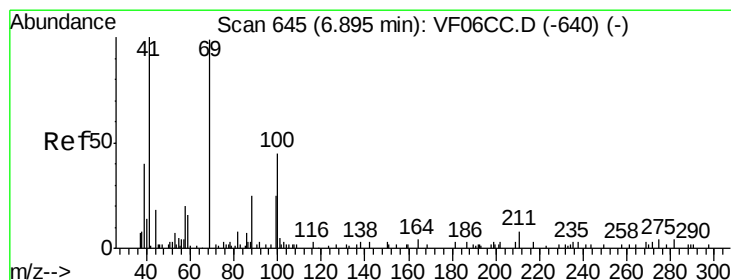
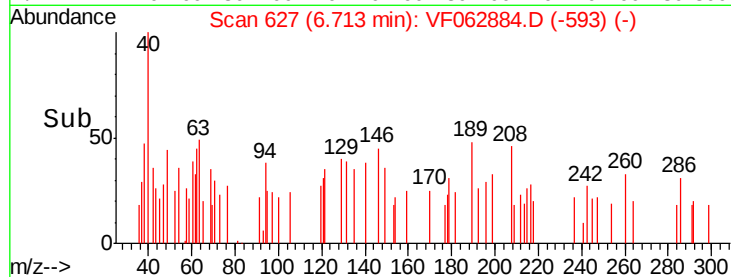
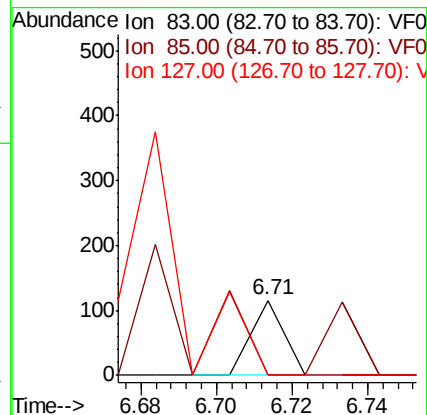
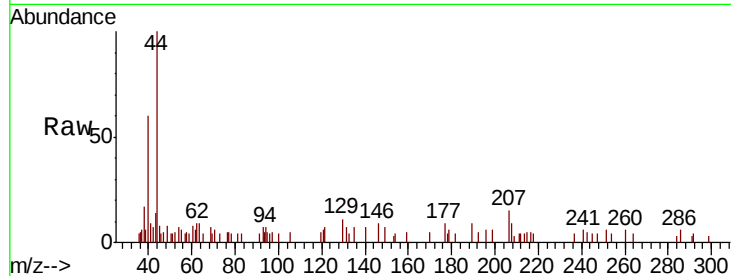
Tot Ion: 83 Resp: 69

Ion Ratio Lower Upper

83 100

85 0.0 54.2 81.4#

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 4179.600 ug/l

RT: 7.02 min Scan# 658

Delta R.T. 0.12 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

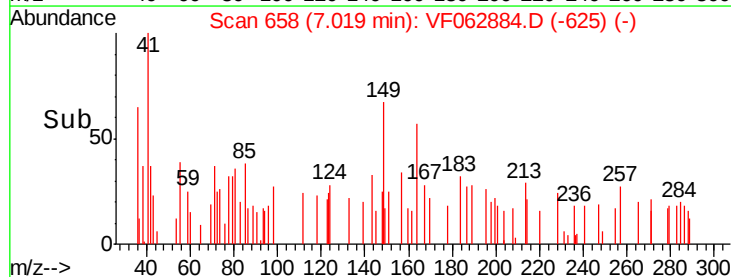
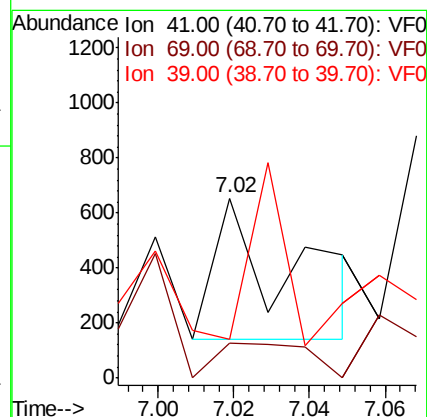
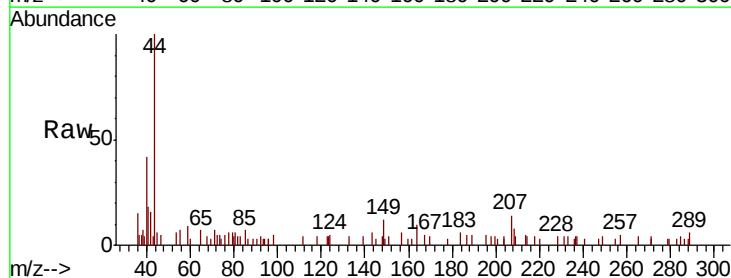
Tgt Ion: 41 Resp: 741

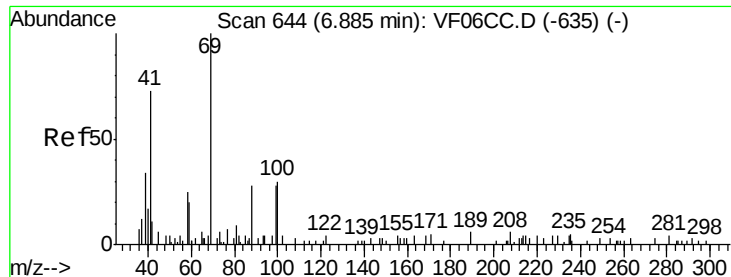
Ion Ratio Lower Upper

41 100

69 19.3 79.4 119.2#

39 21.9 39.8 59.6#





#49

1,4-Dioxane

Concen: 107836.214 ug/l

RT: 7.30 min Scan# 686

Delta R.T. 0.41 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

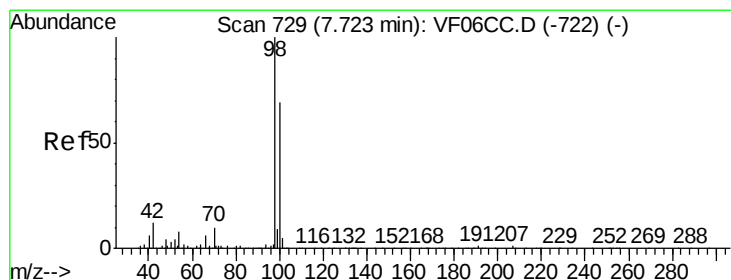
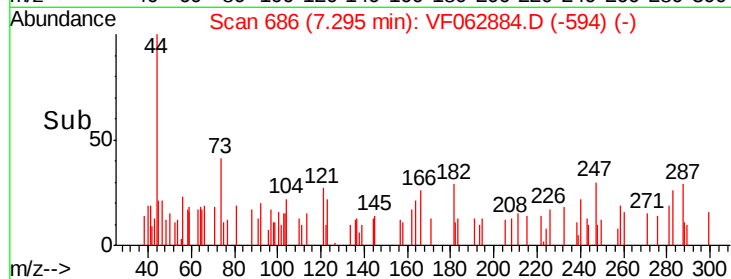
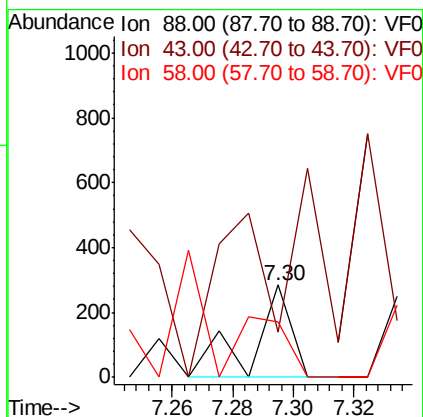
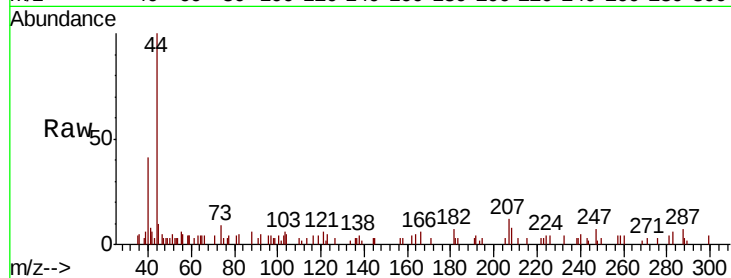
Tot Ion: 88 Resp: 252

Ion Ratio Lower Upper

88 100

43 48.6 34.8 52.2

58 60.2 59.9 89.9



#50

Toluene-d8

Concen: 192.356 ug/l

RT: 7.87 min Scan# 744

Delta R.T. 0.13 min

Lab File: VF062884.D

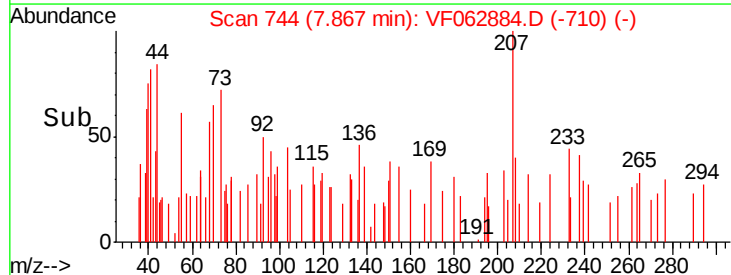
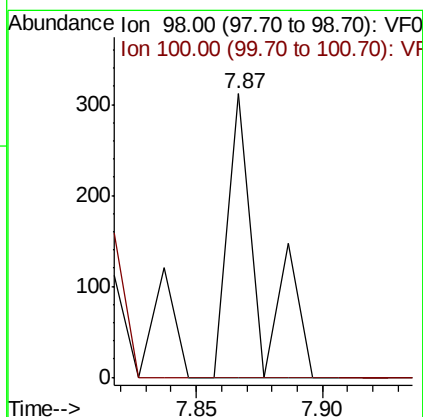
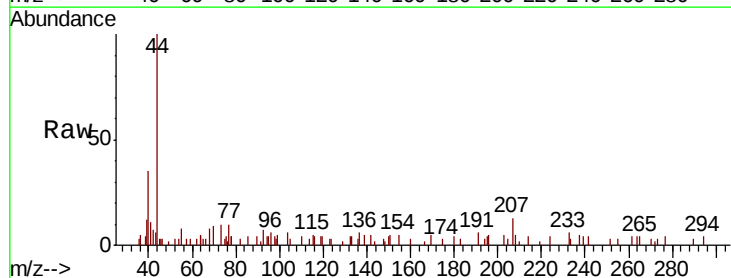
Acq: 6 Jun 2019 15:54

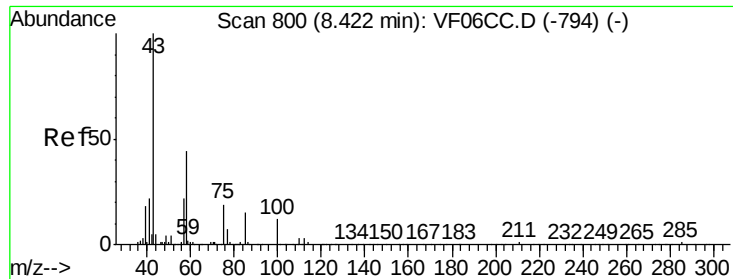
Tgt Ion: 98 Resp: 272

Ion Ratio Lower Upper

98 100

100 0.0 59.8 89.8#

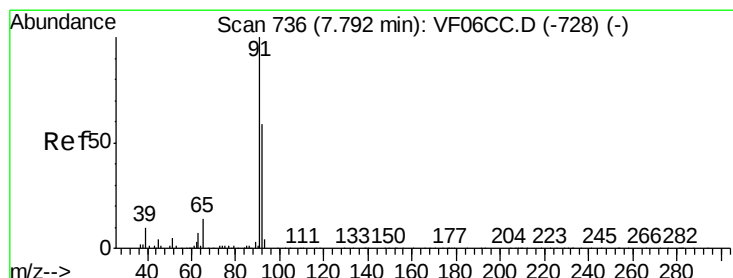
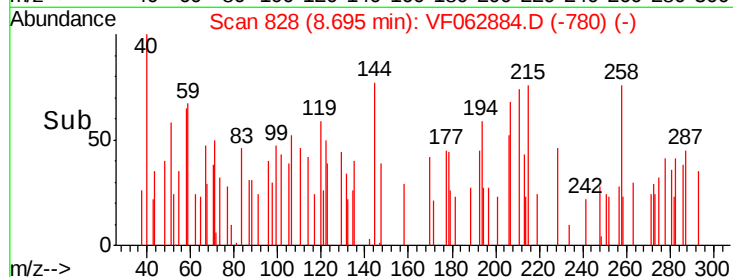
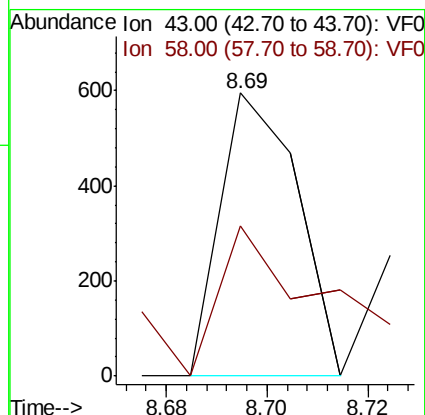
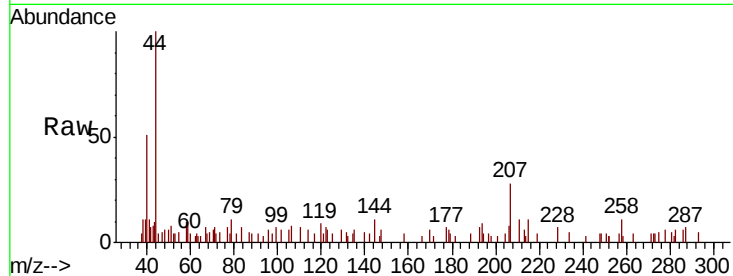




#51
4-Methyl-2-Pentanone
Concen: 2561.062 ug/l
RT: 8.69 min Scan# 828
Delta R.T. 0.27 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

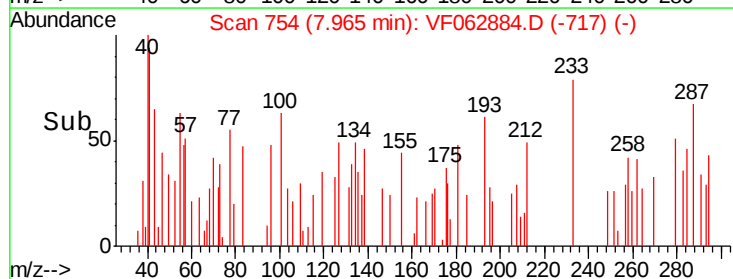
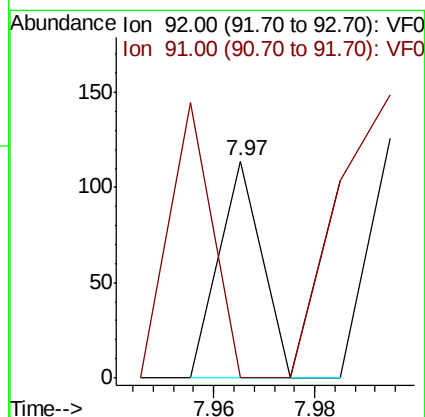
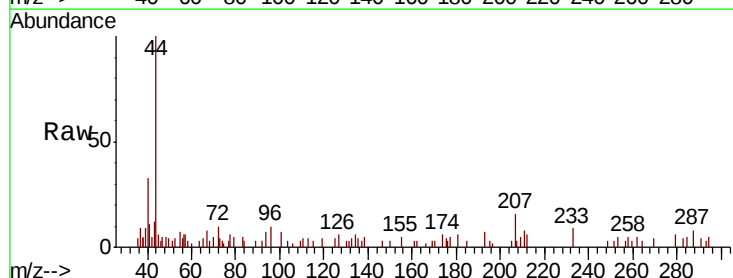
Instrument :
MSVOA_F
ClientSampleID :
RT-5124RE

Tot Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 52.9 35.5 53.3



#52
Toluene
Concen: 62.741 ug/l
RT: 7.97 min Scan# 754
Delta R.T. 0.16 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion: 92 Resp: 67
Ion Ratio Lower Upper
92 100
91 0.0 123.2 184.8#

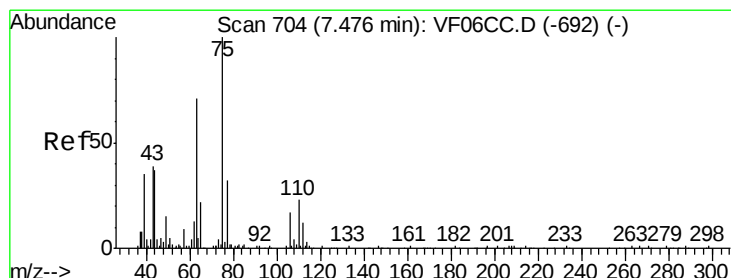
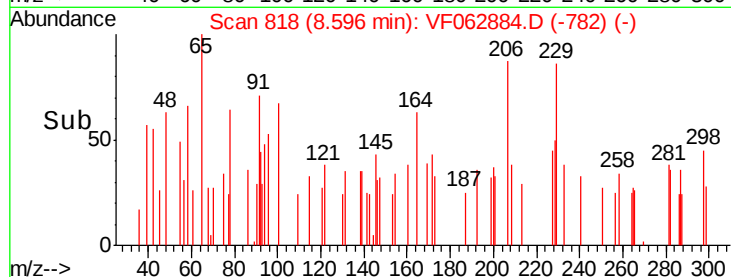
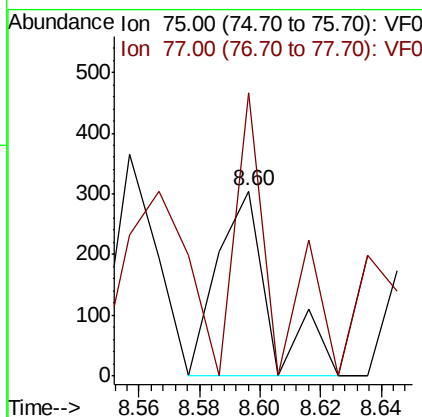
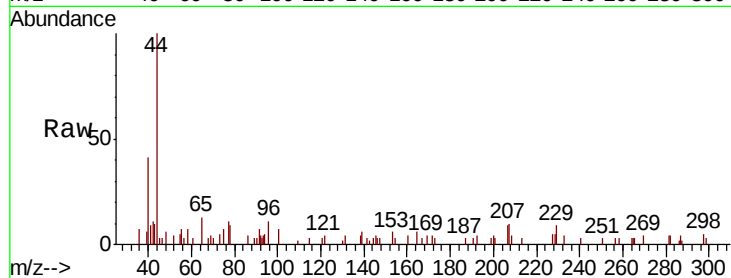




#53
 t-1,3-Dichloropropene
 Concen: 750.683 ug/l
 RT: 8.60 min Scan# 818
 Delta R.T. 0.15 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

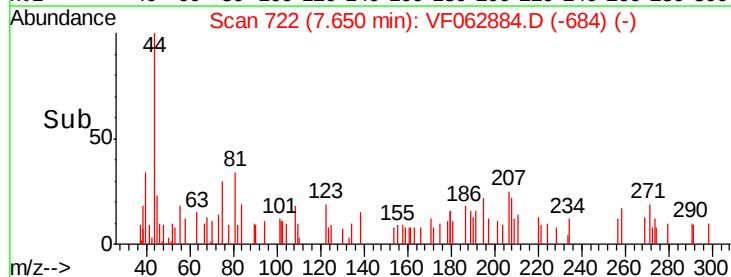
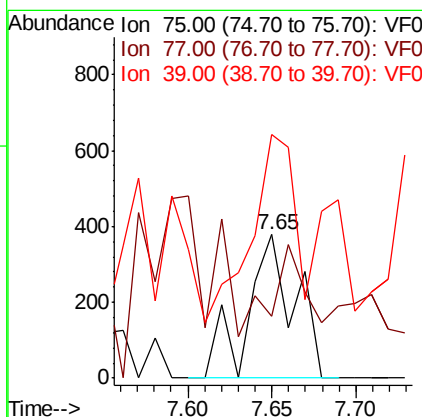
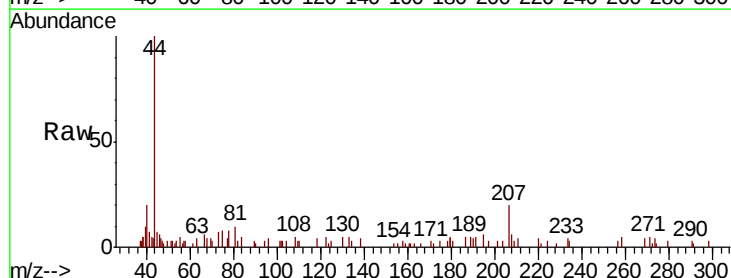
Instrument :
 MSVOA_F
 ClientSampleId :
 RT-5124RE

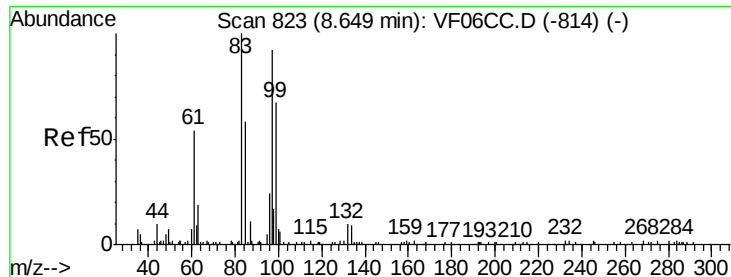
Tot Ion: 75 Resp: 368
 Ion Ratio Lower Upper
 75 100
 77 152.8 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 1032.973 ug/l
 RT: 7.65 min Scan# 722
 Delta R.T. 0.17 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Tgt Ion: 75 Resp: 733
 Ion Ratio Lower Upper
 75 100
 77 42.7 25.8 38.8#
 39 169.4 28.4 42.6#





#55

1,1,2-Trichloroethane

Concen: 1899.524 ug/l

RT: 8.82 min Scan# 841

Delta R.T. 0.17 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

Tot Ion: 97 Resp: 606

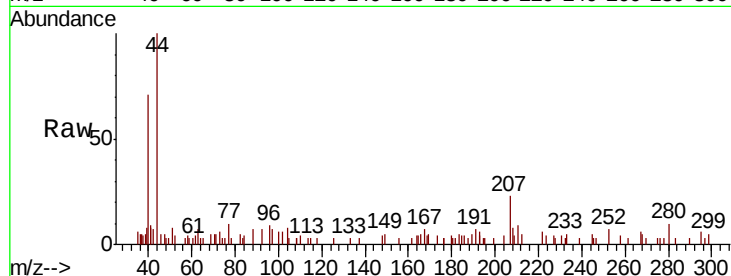
Ion Ratio Lower Upper

97 100

83 36.1 72.0 108.0#

85 0.0 47.5 71.3#

99 0.0 54.1 81.1#



Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0

800

600

400

200

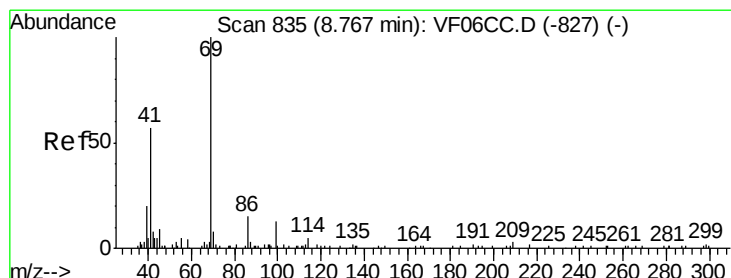
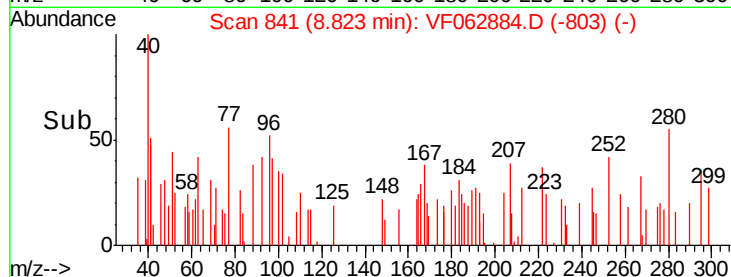
0

8.80

8.82

8.85

Time-->



#56

Ethyl methacrylate

Concen: 1890.116 ug/l

RT: 8.94 min Scan# 853

Delta R.T. 0.16 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

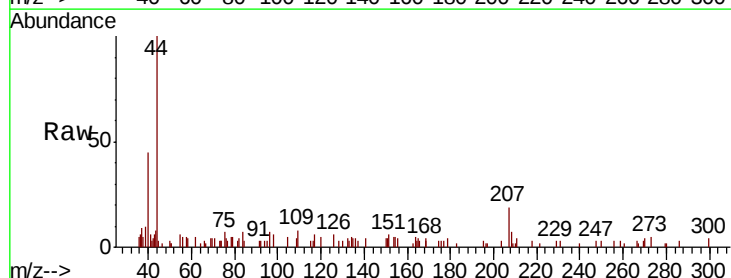
Tgt Ion: 69 Resp: 647

Ion Ratio Lower Upper

69 100

41 116.2 46.6 69.8#

39 121.4 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

1000

800

600

400

200

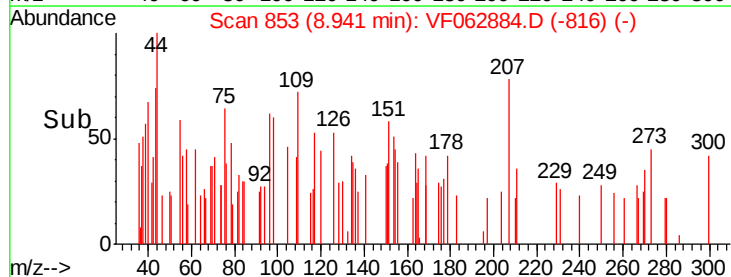
0

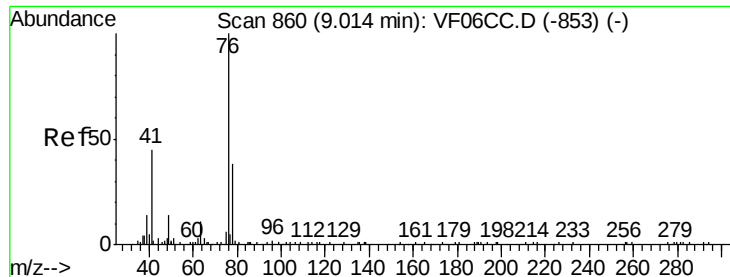
8.90

8.94

9.00

Time-->





#57

1,3-Dichloropropane

Concen: 522.097 ug/l

RT: 9.17 min Scan# 876

Delta R.T. 0.15 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleID :

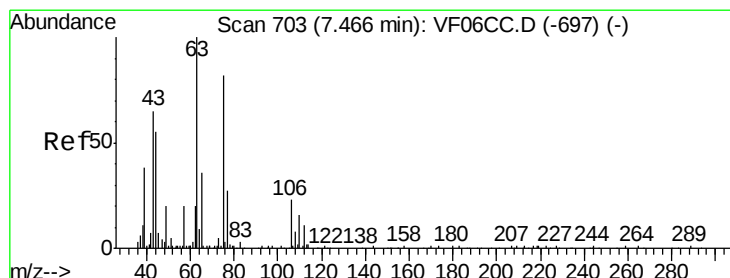
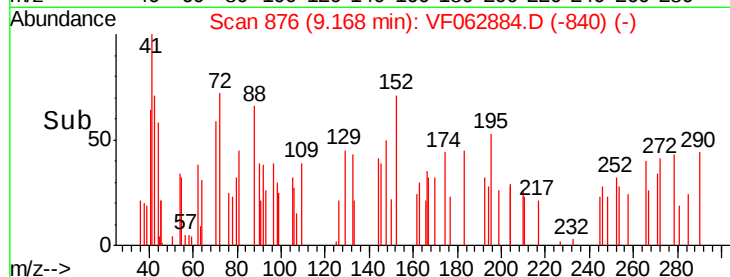
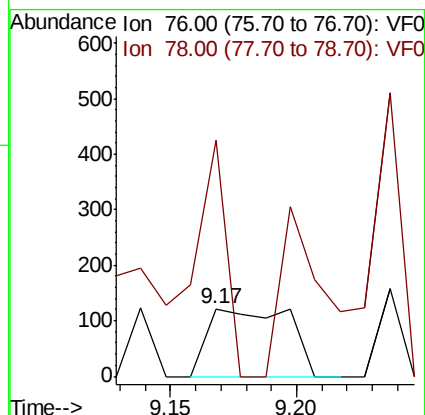
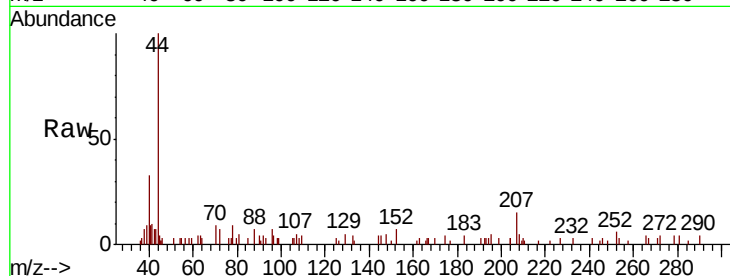
RT-5124RE

Tot Ion: 76 Resp: 272

Ion Ratio Lower Upper

76 100

78 349.2 26.8 40.2#



#58

2-Chloroethyl Vinyl ether

Concen: 4589.057 ug/l

RT: 7.63 min Scan# 720

Delta R.T. 0.16 min

Lab File: VF062884.D

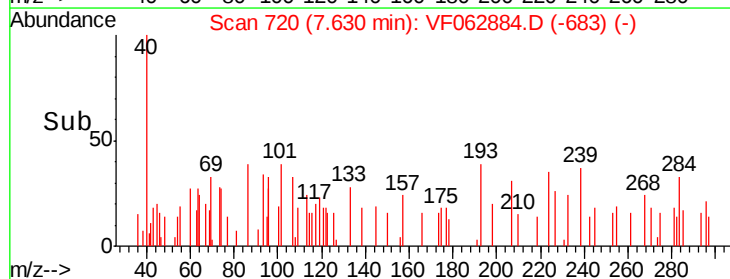
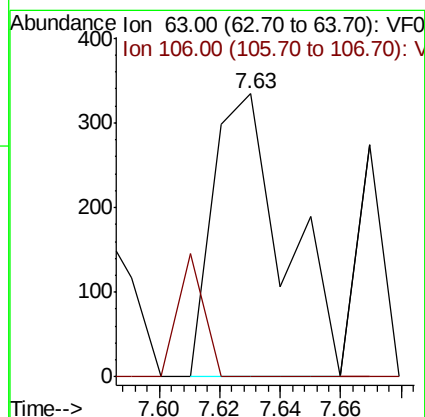
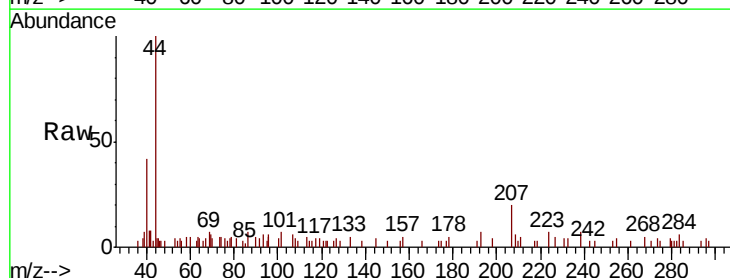
Acq: 6 Jun 2019 15:54

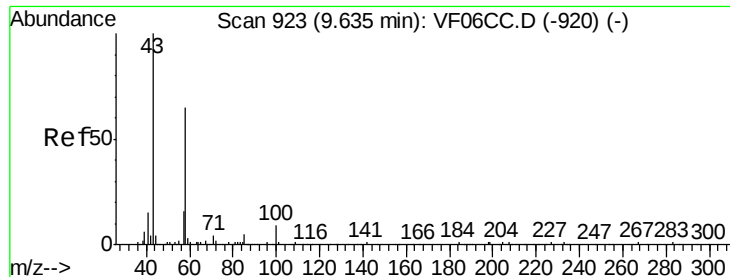
Tgt Ion: 63 Resp: 549

Ion Ratio Lower Upper

63 100

106 0.0 19.5 29.3#

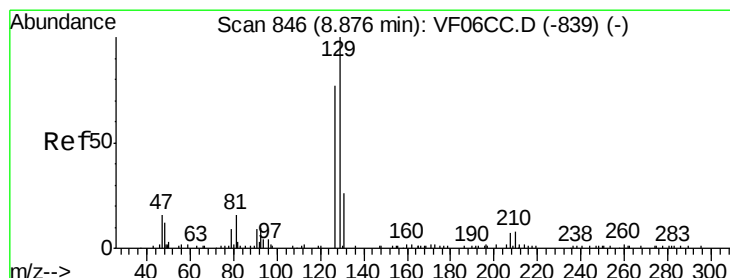
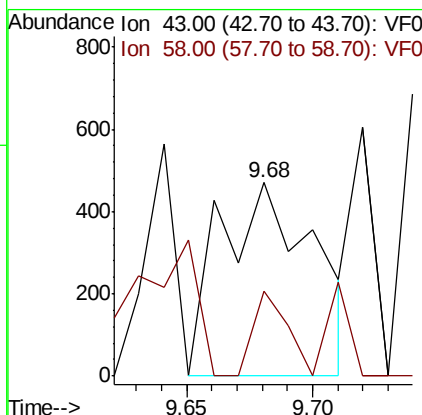
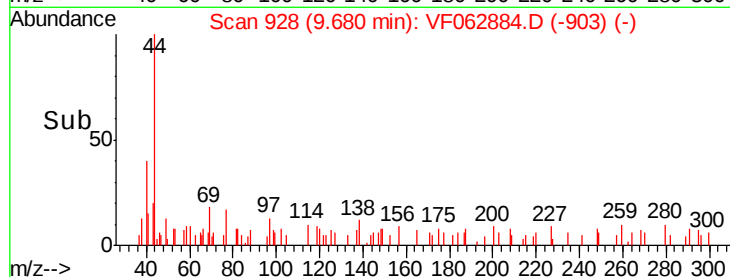
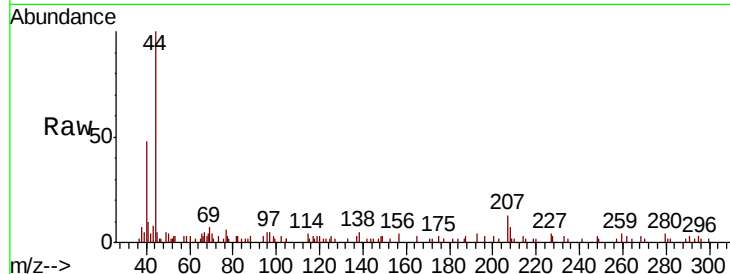




#59
2-Hexanone
Concen: 6980.596 ug/l
RT: 9.68 min Scan# 928
Delta R.T. 0.04 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

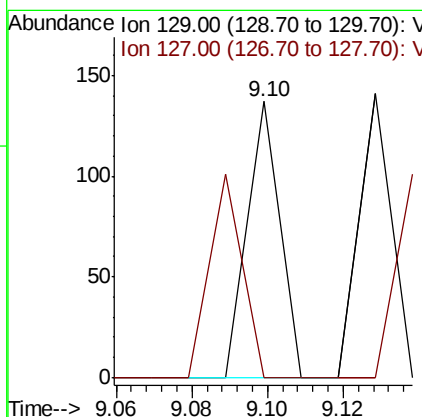
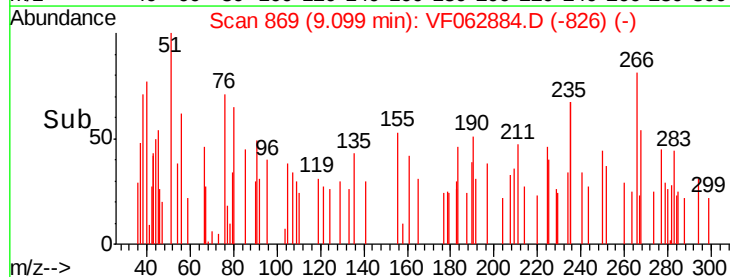
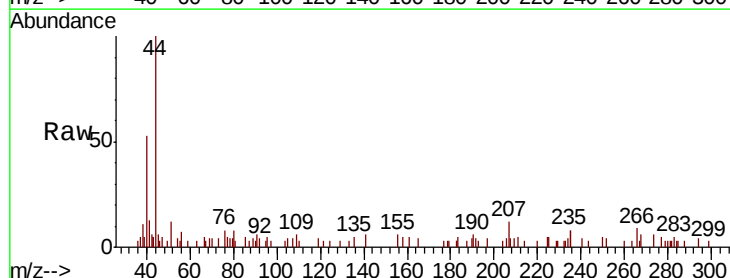
Instrument :
MSVOA_F
ClientSampleId :
RT-5124RE

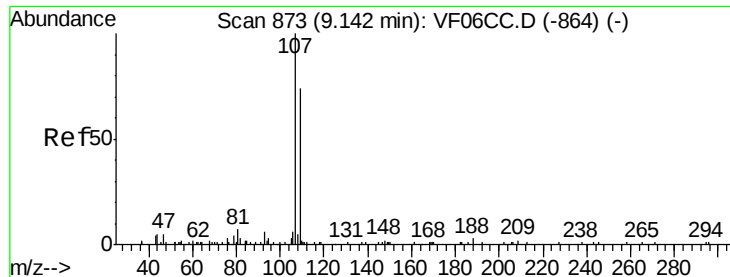
Tot Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 43.7 29.3 87.9



#60
Dibromochloromethane
Concen: 205.077 ug/l
RT: 9.10 min Scan# 869
Delta R.T. 0.22 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion:129 Resp: 81
Ion Ratio Lower Upper
129 100
127 0.0 37.1 111.3#





#61

1,2-Dibromoethane

Concen: 718.321 ug/l

RT: 9.32 min Scan# 891

Delta R.T. 0.16 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

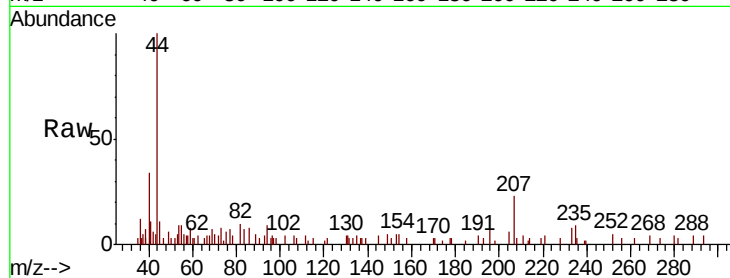
RT-5124RE

Tot Ion:107 Resp: 238

Ion Ratio Lower Upper

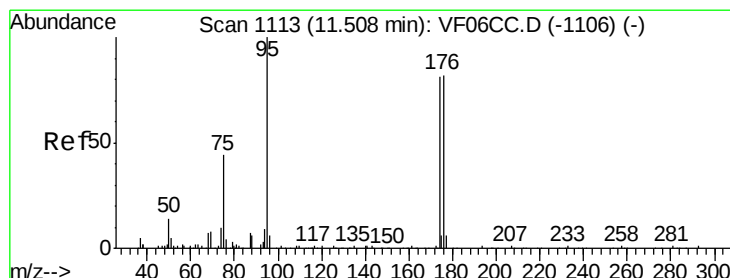
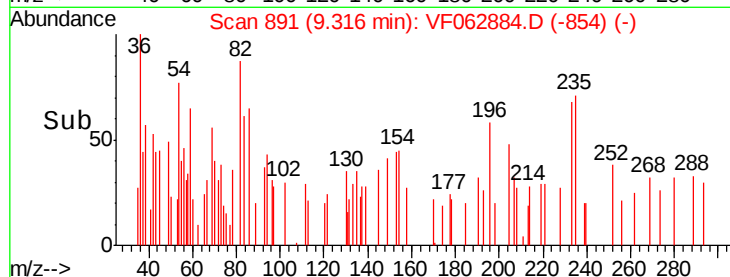
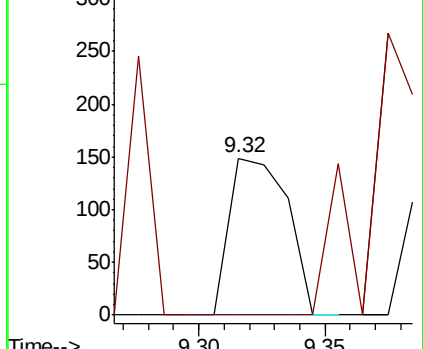
107 100

109 0.0 78.1 117.1#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 377.471 ug/l

RT: 11.72 min Scan# 1135

Delta R.T. 0.21 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

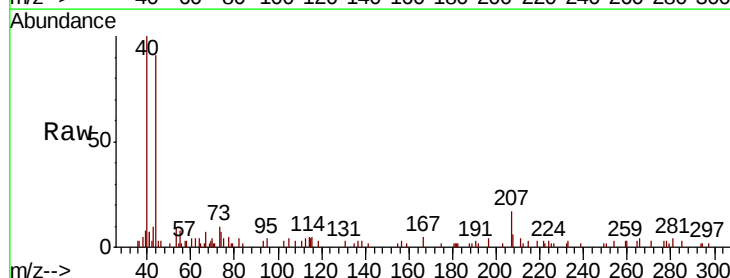
Tgt Ion: 95 Resp: 192

Ion Ratio Lower Upper

95 100

174 60.8 0.0 170.6

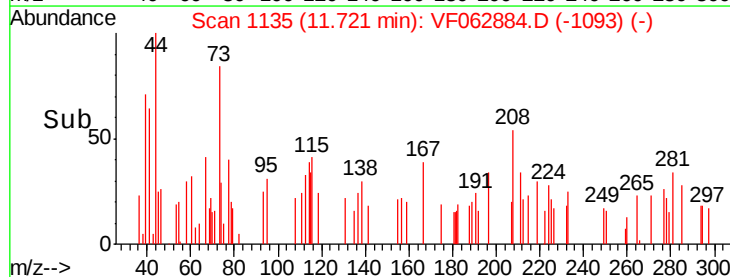
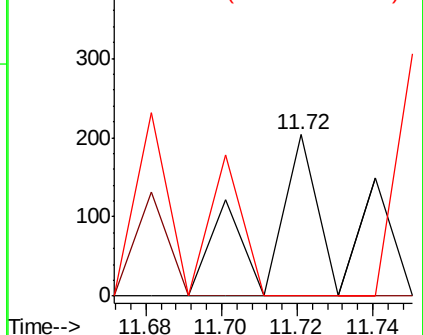
176 0.0 0.0 170.6

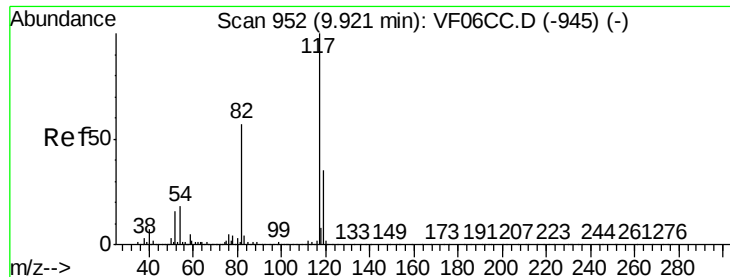


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

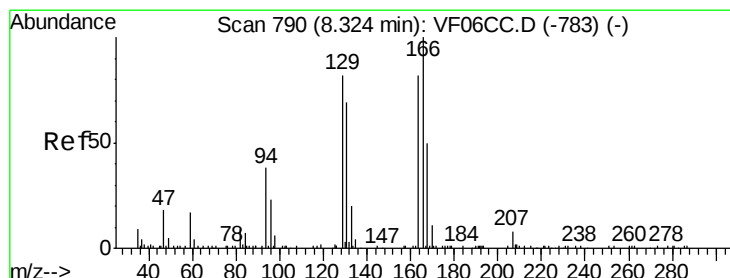
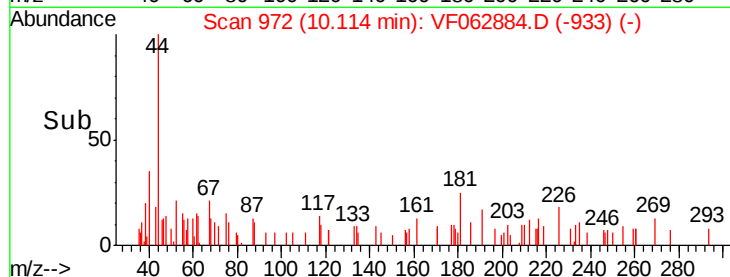
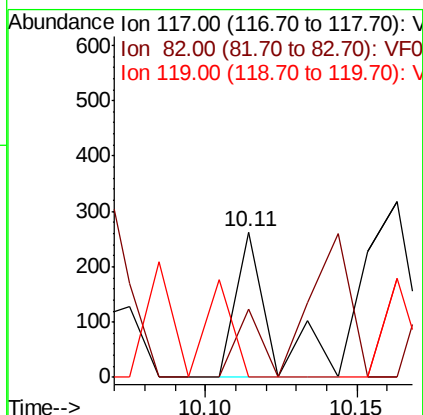
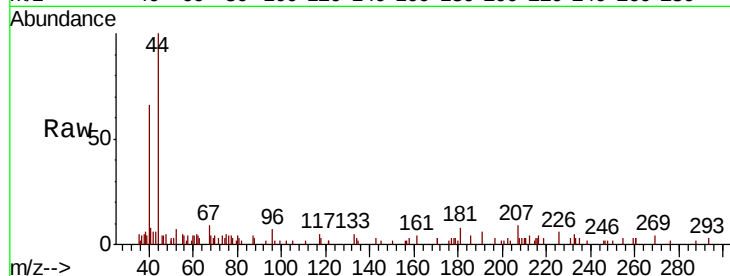




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 972
Delta R.T. 0.18 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

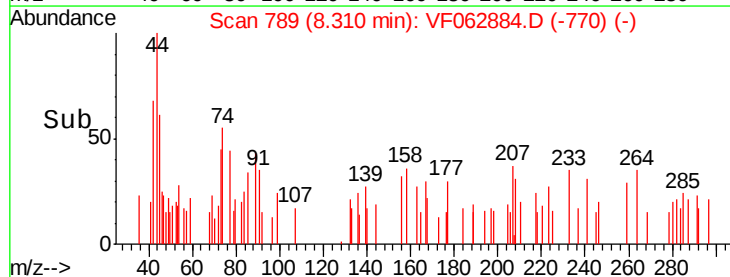
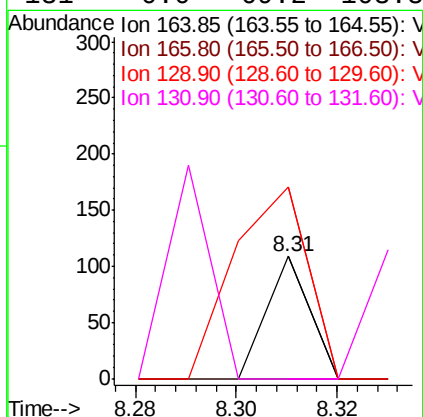
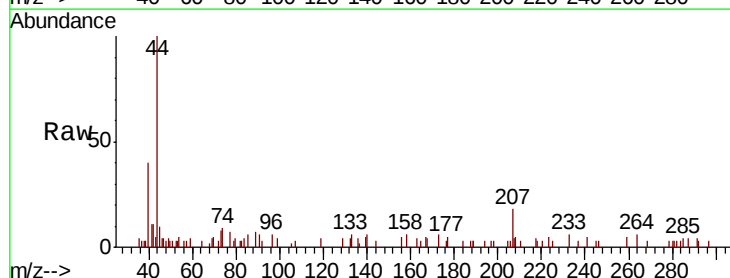
Instrument :
MSVOA_F
ClientSampled :
RT-5124RE

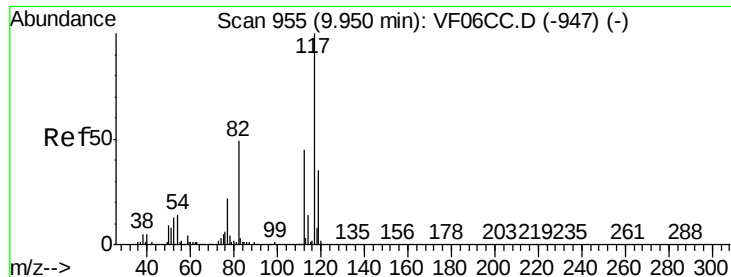
Tot Ion:117 Resp: 216
Ion Ratio Lower Upper
117 100
82 47.1 42.4 63.6
119 0.0 27.1 40.7#



#64
Tetrachloroethene
Concen: 38.558 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.02 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion:164 Resp: 64
Ion Ratio Lower Upper
164 100
166 0.0 99.1 148.7#
129 156.9 69.5 104.3#
131 0.0 69.2 103.8#





#65

Chlorobenzene

Concen: 16.542 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.04 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

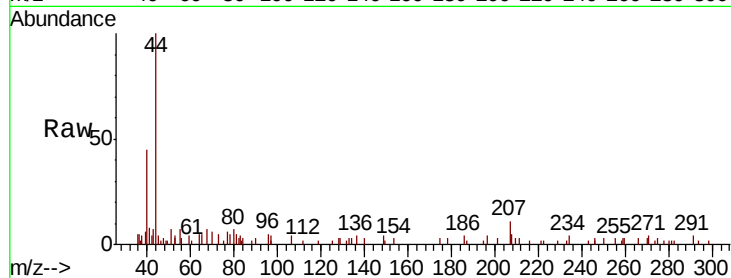
RT-5124RE

Tot Ion:112 Resp: 69

Ion Ratio Lower Upper

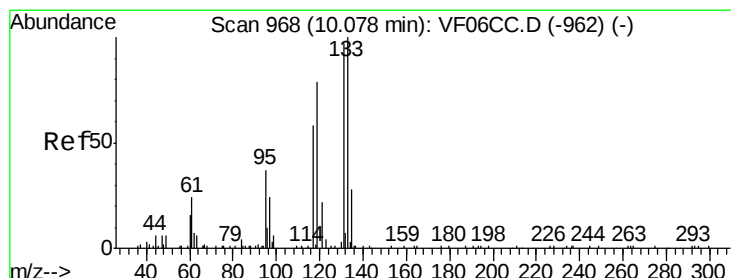
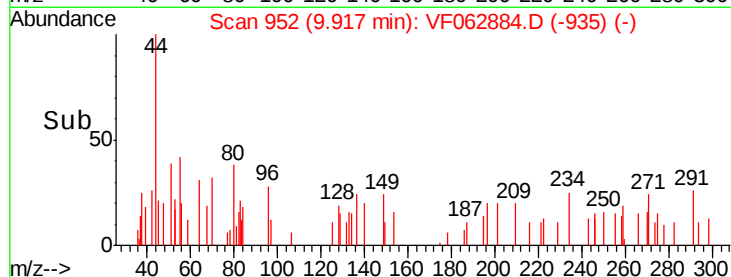
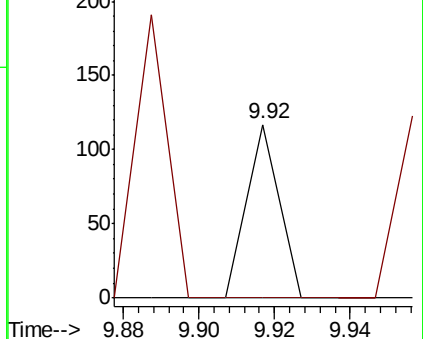
112 100

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



#66

1,1,1,2-Tetrachloroethane

Concen: 172.761 ug/l

RT: 10.07 min Scan# 968

Delta R.T. -0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

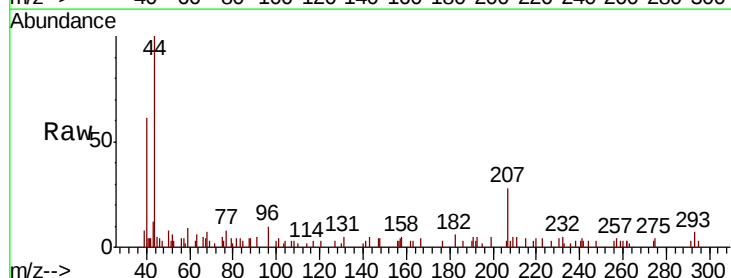
Tgt Ion:131 Resp: 287

Ion Ratio Lower Upper

131 100

133 0.0 48.9 146.7#

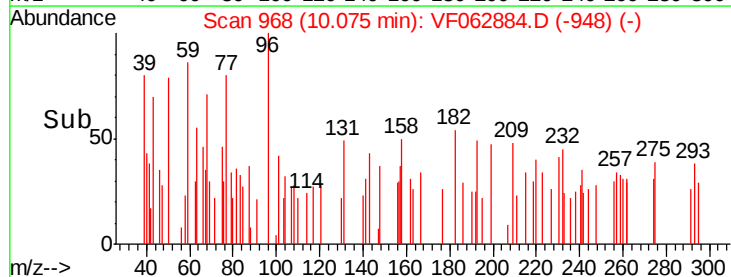
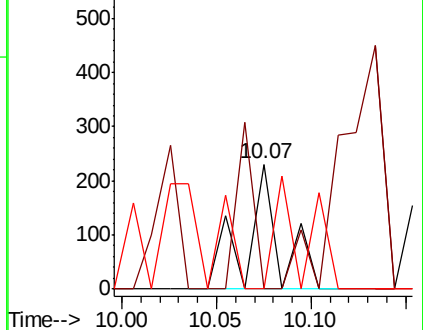
119 0.0 38.0 114.0#

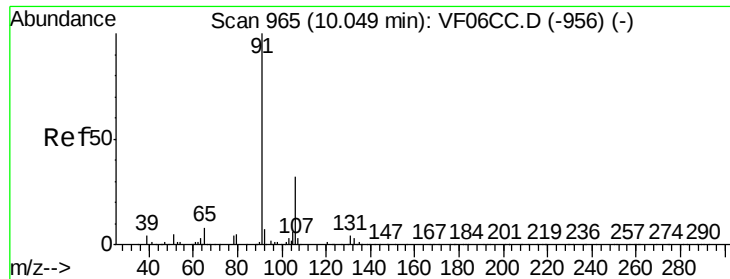


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 69.292 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.15 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

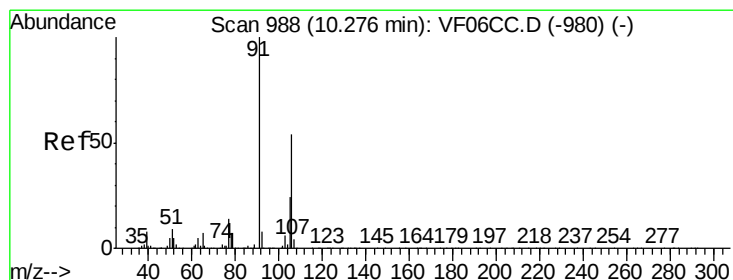
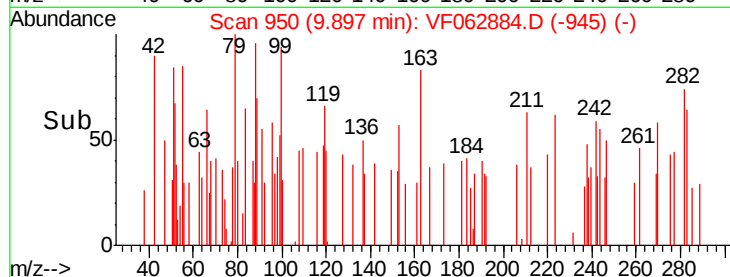
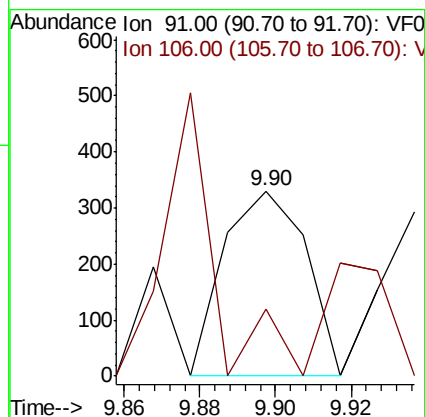
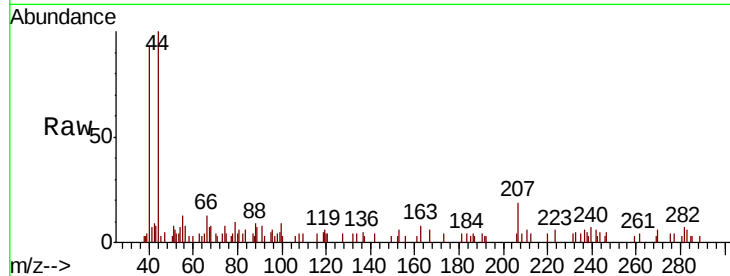
RT-5124RE

Tot Ion: 91 Resp: 496

Ion Ratio Lower Upper

91 100

106 36.1 26.0 39.0



#68

m/p-Xylenes

Concen: 66.809 ug/l

RT: 10.30 min Scan# 991

Delta R.T. 0.02 min

Lab File: VF062884.D

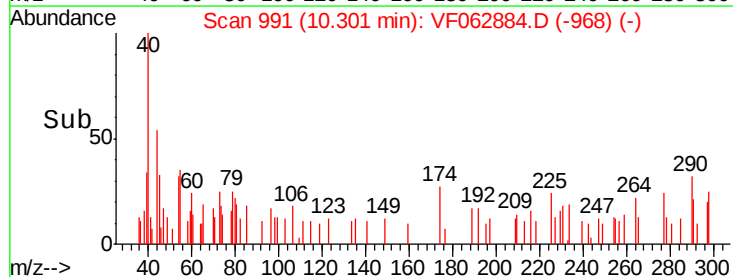
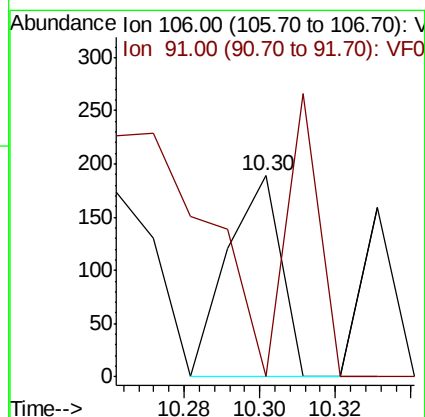
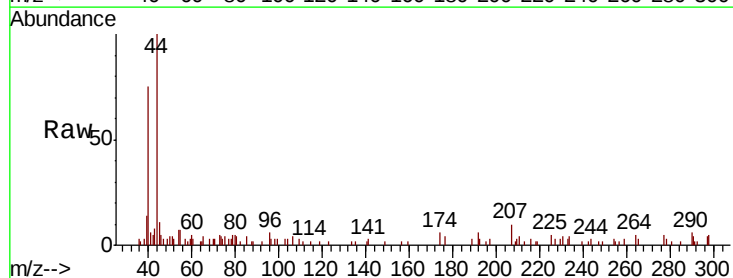
Acq: 6 Jun 2019 15:54

Tgt Ion: 106 Resp: 183

Ion Ratio Lower Upper

106 100

91 0.0 136.2 204.4#

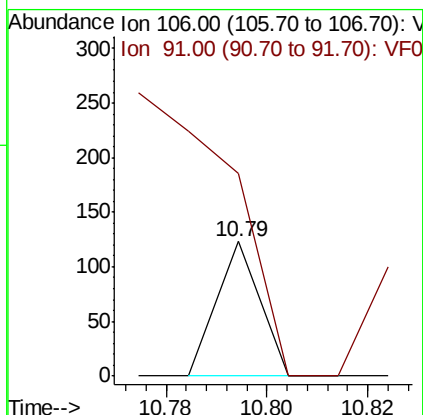
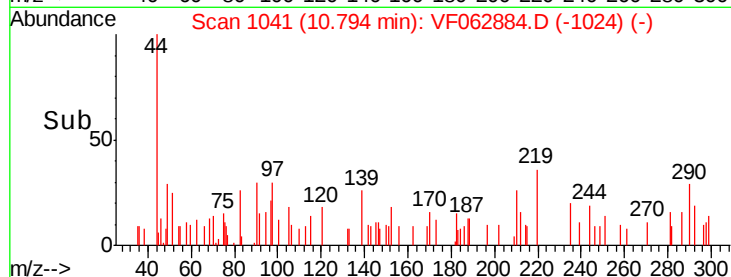
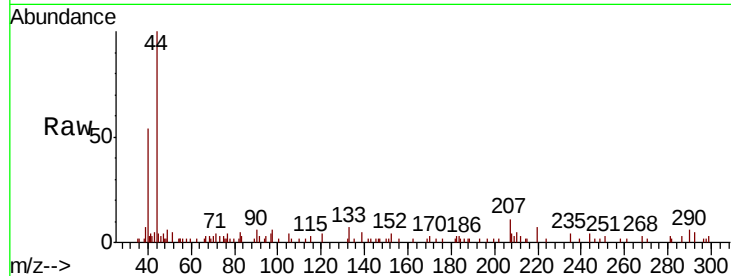




#69
o-Xylene
Concen: 26.322 ug/l
RT: 10.79 min Scan# 1041
Delta R.T. -0.04 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

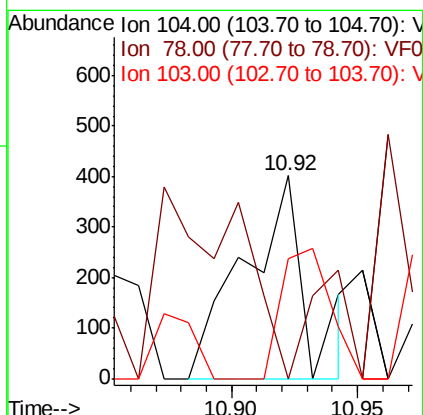
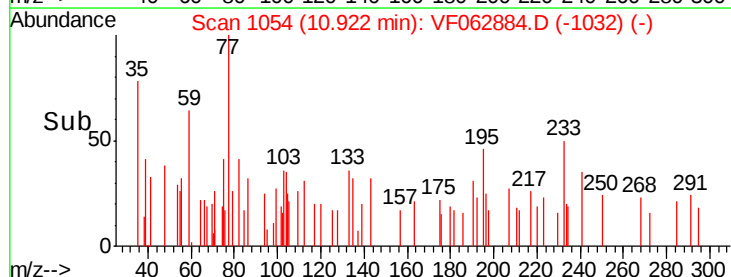
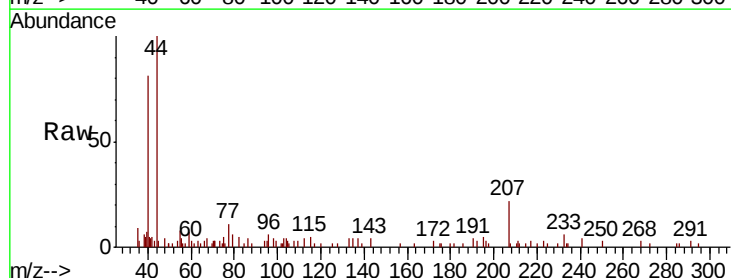
Instrument :
MSVOA_F
ClientSampleId :
RT-5124RE

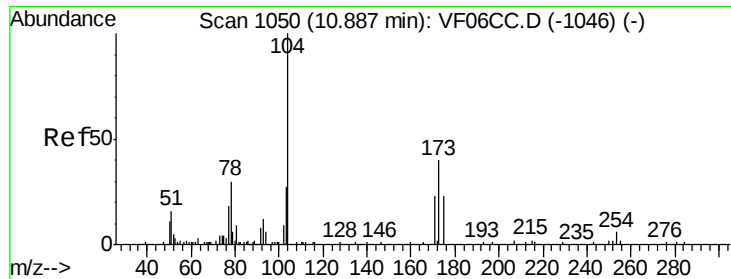
Tot Ion:106 Resp: 73
Ion Ratio Lower Upper
106 100
91 151.2 96.6 289.8



#70
Styrene
Concen: 169.290 ug/l
RT: 10.92 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VF062884.D
Acq: 6 Jun 2019 15:54

Tgt Ion:104 Resp: 692
Ion Ratio Lower Upper
104 100
78 0.0 30.8 46.2#
103 59.4 35.8 53.6#





#71

Bromoform

Concen: 208.299 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

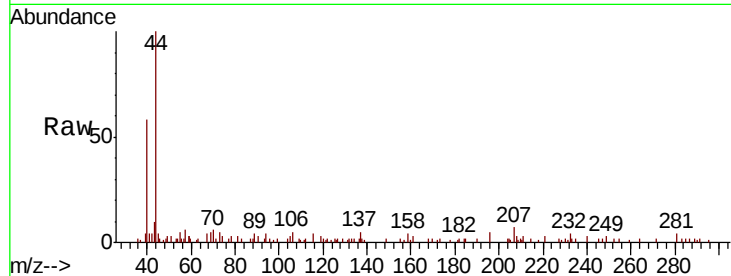
Tot Ion:173 Resp: 166

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

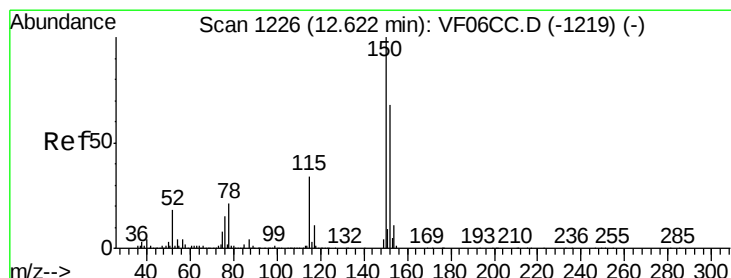
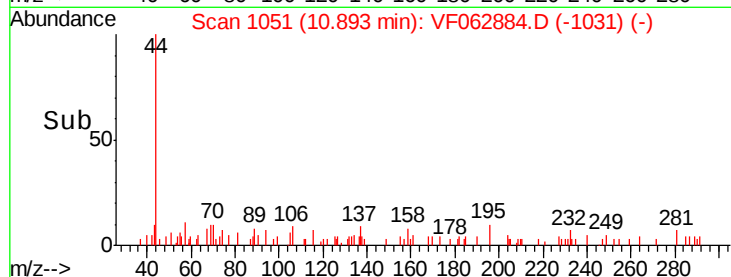
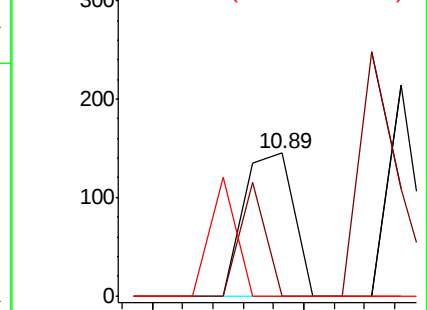
254 0.0 0.1 0.1#



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: 12.73 min Scan# 1237

Delta R.T. 0.10 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

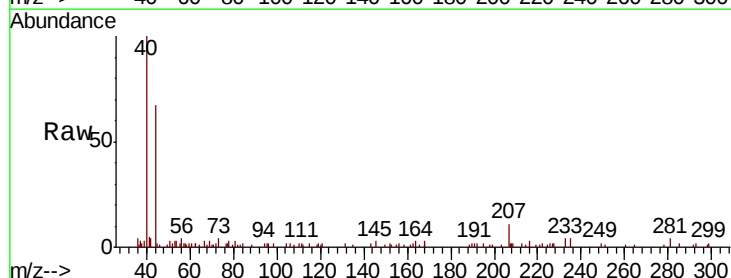
Tgt Ion:152 Resp: 326

Ion Ratio Lower Upper

152 100

115 58.6 24.6 74.0

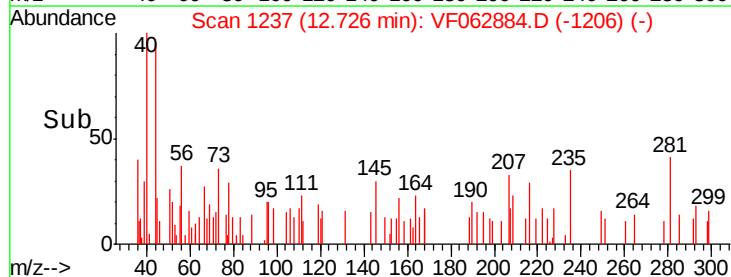
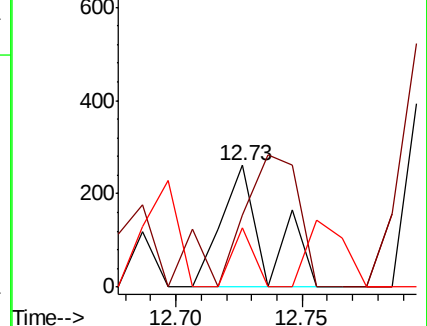
150 48.7 0.0 290.6

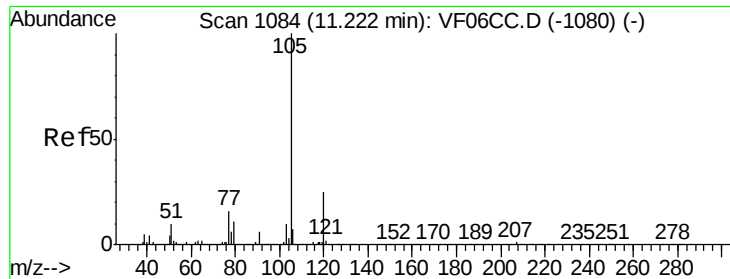


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 18.464 ug/l

RT: 11.27 min Scan# 1089

Delta R.T. 0.03 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

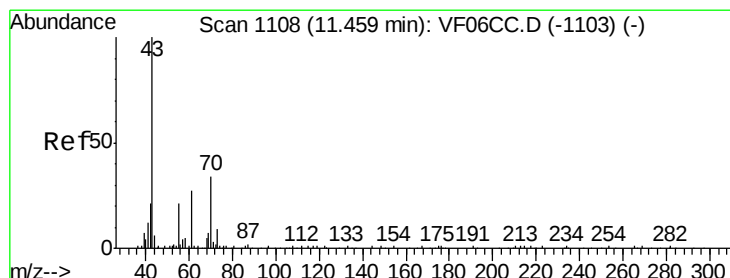
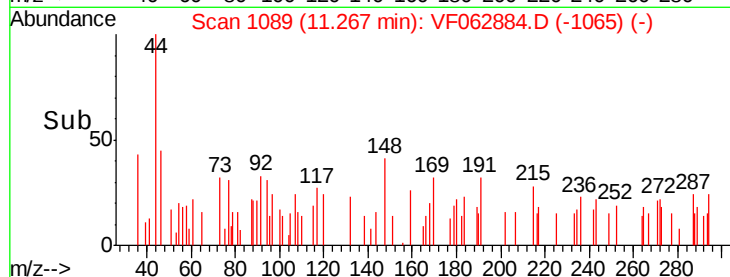
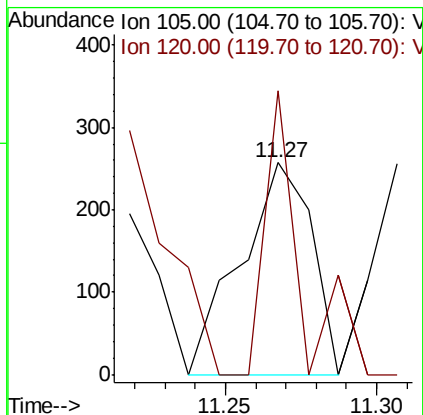
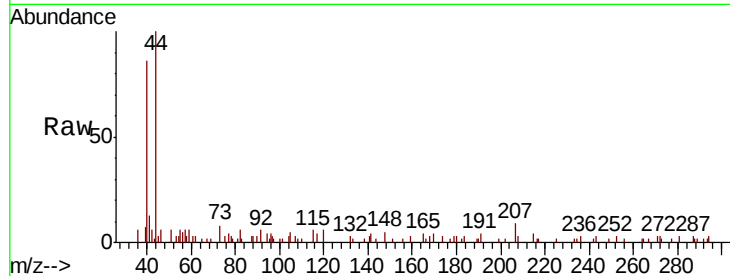
RT-5124RE

Tot Ion:105 Resp: 420

Ion Ratio Lower Upper

105 100

120 133.9 15.1 45.3#



#74

N-ethyl acetate

Concen: 214.629 ug/l

RT: 11.43 min Scan# 1105

Delta R.T. -0.04 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Tgt Ion: 43 Resp: 1376

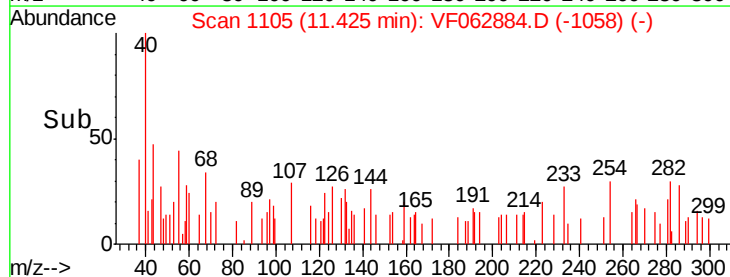
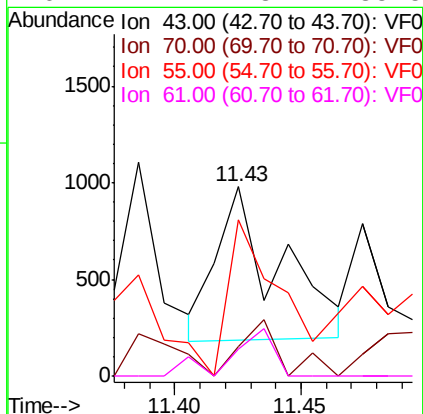
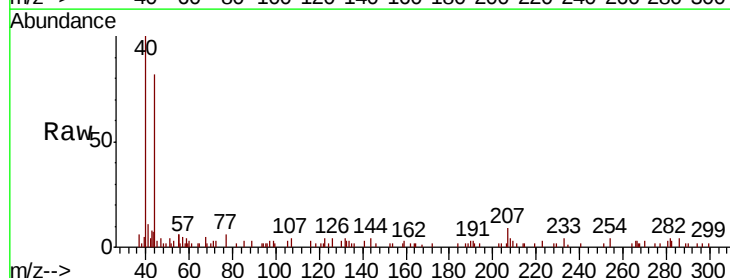
Ion Ratio Lower Upper

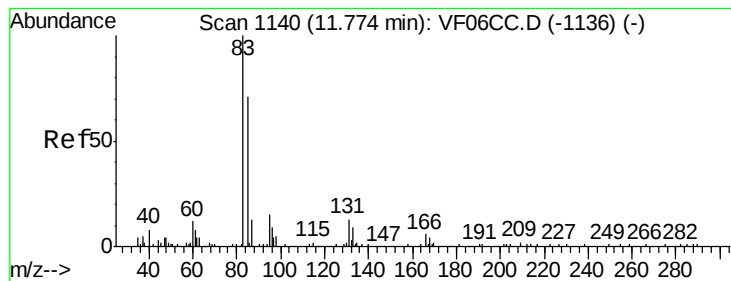
43 100

70 15.4 32.9 49.3#

55 82.5 17.3 25.9#

61 14.1 23.7 35.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 54.141 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

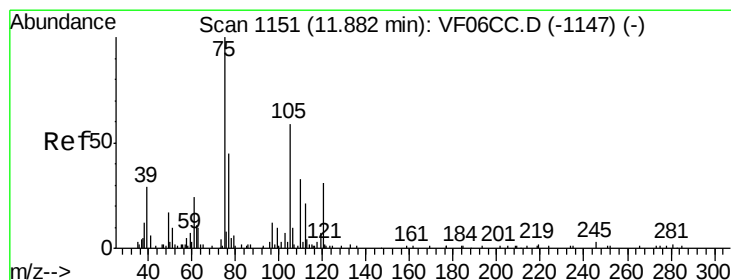
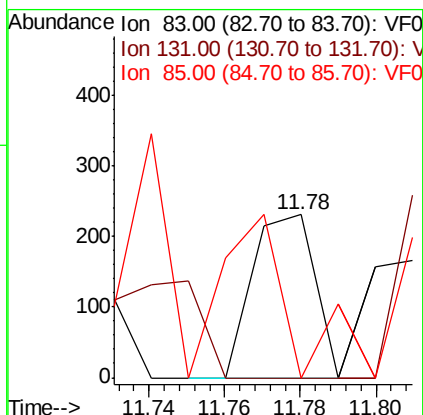
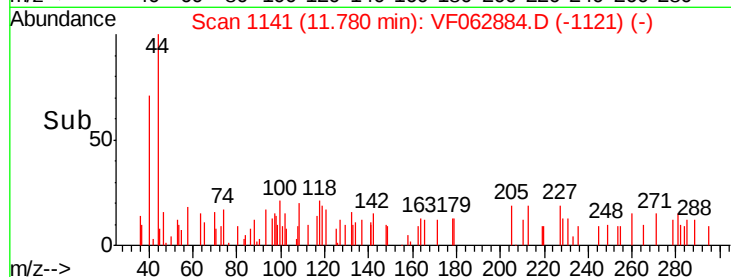
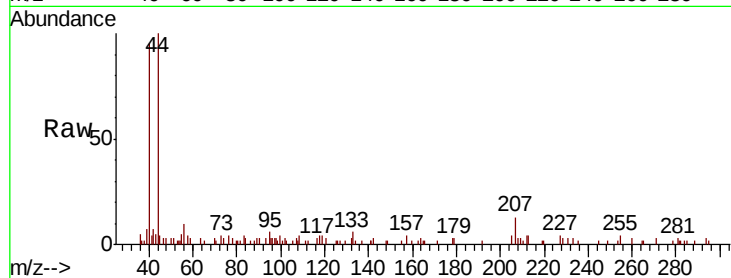
Tot Ion: 83 Resp: 263

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 124.537 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.08 min

Lab File: VF062884.D

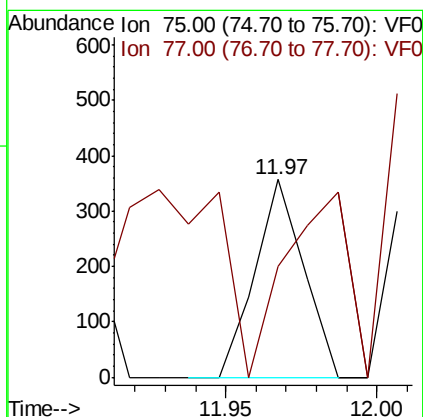
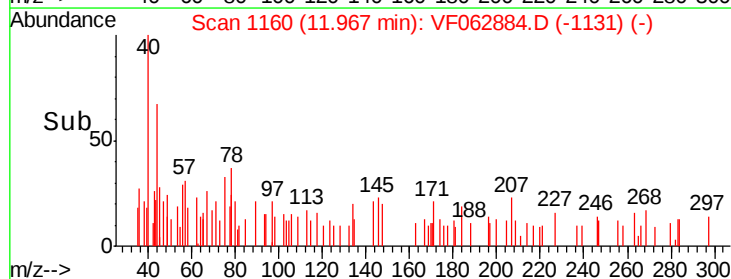
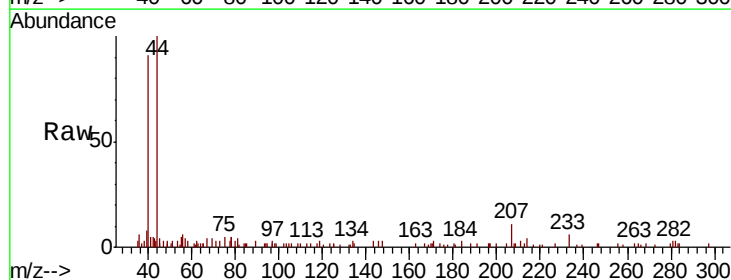
Acq: 6 Jun 2019 15:54

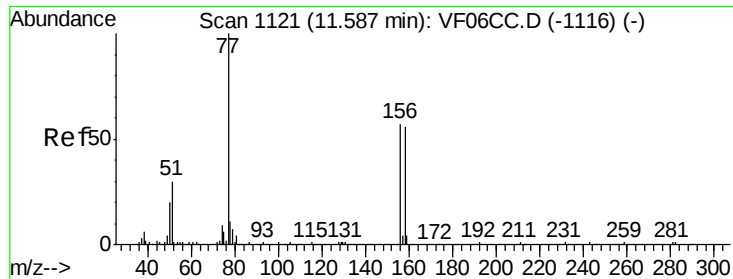
Tgt Ion: 75 Resp: 401

Ion Ratio Lower Upper

75 100

77 55.7 20.1 60.2





#77

Bromobenzene

Concen: 33.069 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.02 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

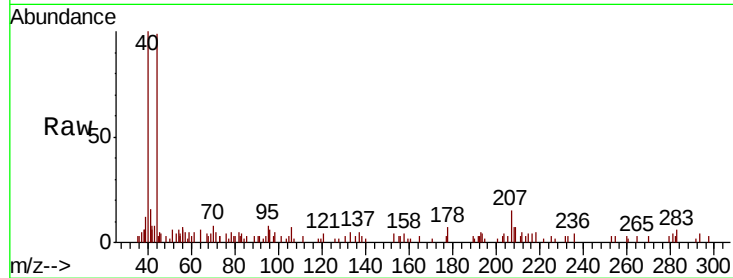
Tot Ion:156 Resp: 189

Ion Ratio Lower Upper

156 100

77 65.7 64.2 192.6

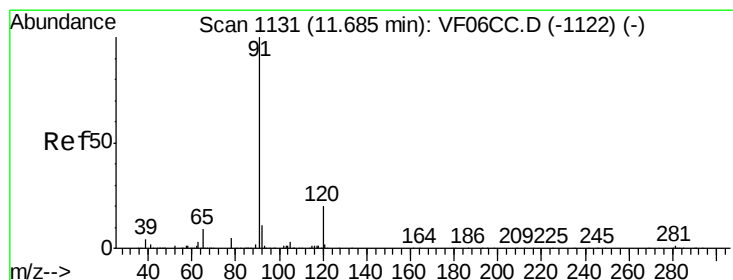
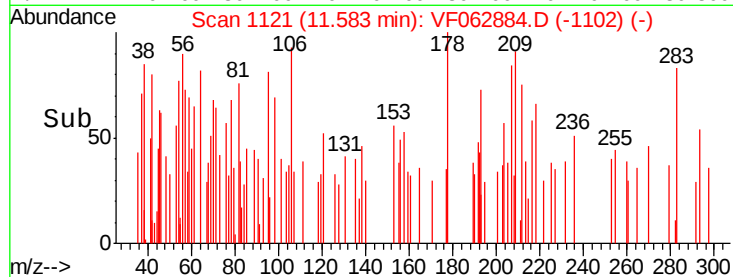
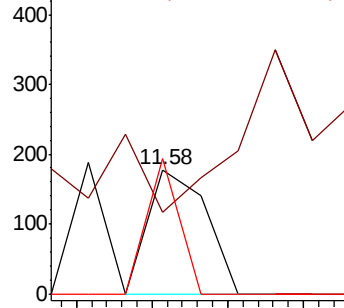
158 109.0 50.3 151.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 17.950 ug/l

RT: 11.61 min Scan# 1124

Delta R.T. -0.07 min

Lab File: VF062884.D

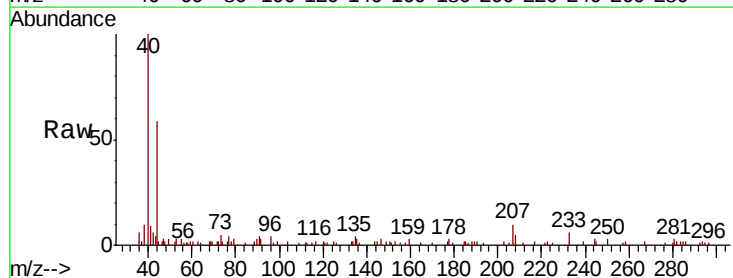
Acq: 6 Jun 2019 15:54

Tgt Ion: 91 Resp: 493

Ion Ratio Lower Upper

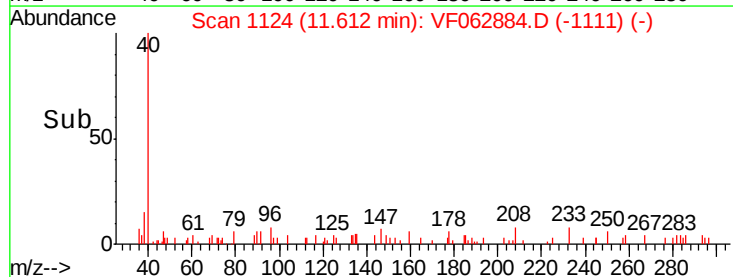
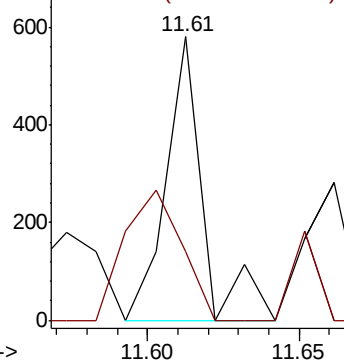
91 100

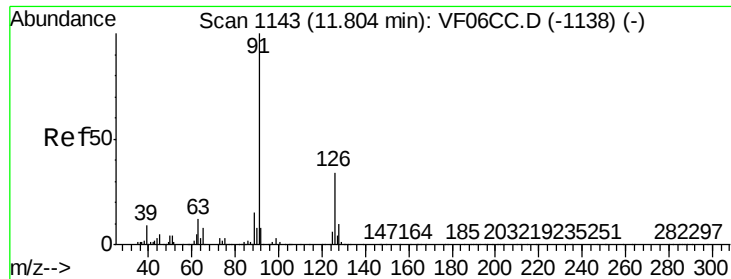
120 24.3 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

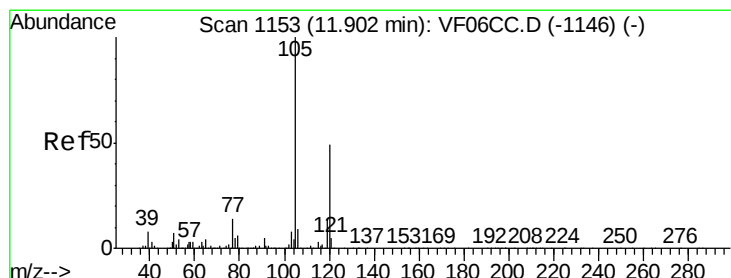
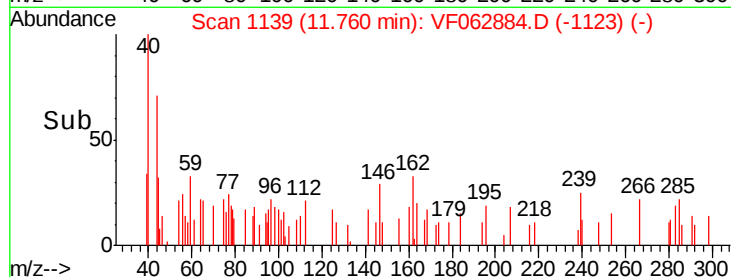
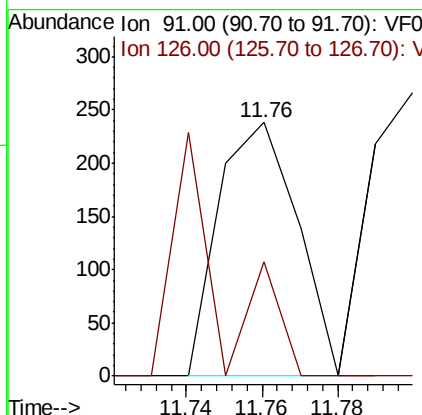
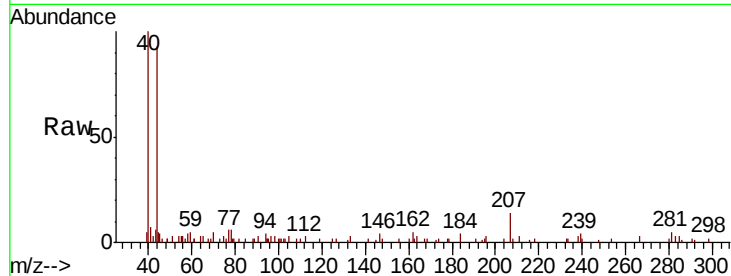




#79
 2-Chlorotoluene
 Concen: 21.698 ug/l
 RT: 11.76 min Scan# 1139
 Delta R.T. -0.05 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

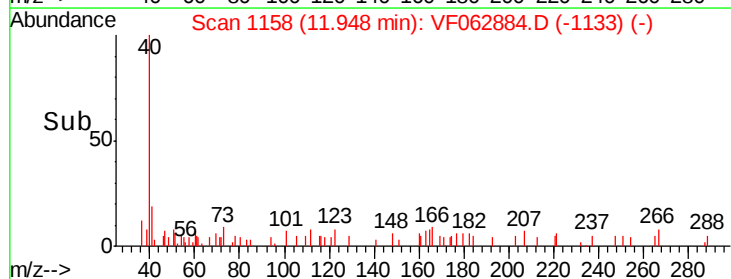
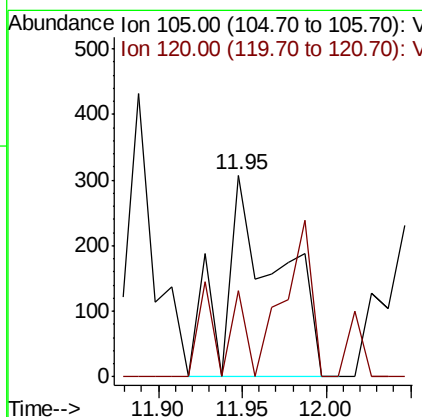
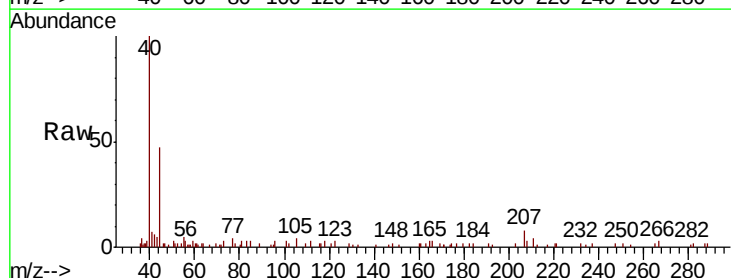
Instrument :
 MSVOA_F
 ClientSampleID :
 RT-5124RE

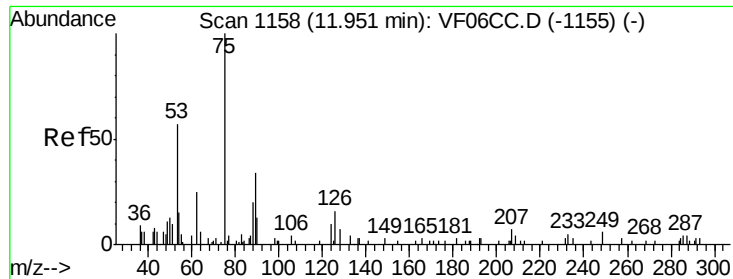
Tot Ion: 91 Resp: 341
 Ion Ratio Lower Upper
 91 100
 126 45.4 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 37.092 ug/l
 RT: 11.95 min Scan# 1158
 Delta R.T. 0.04 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Tgt Ion: 105 Resp: 690
 Ion Ratio Lower Upper
 105 100
 120 42.5 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 294.156 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

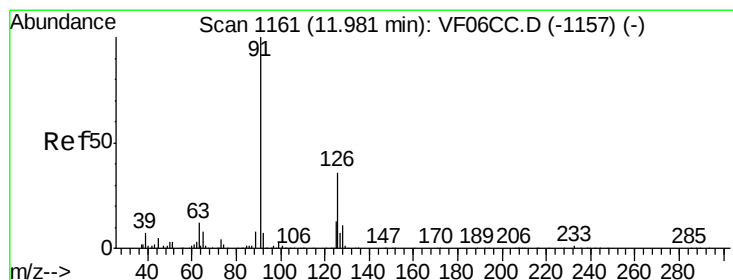
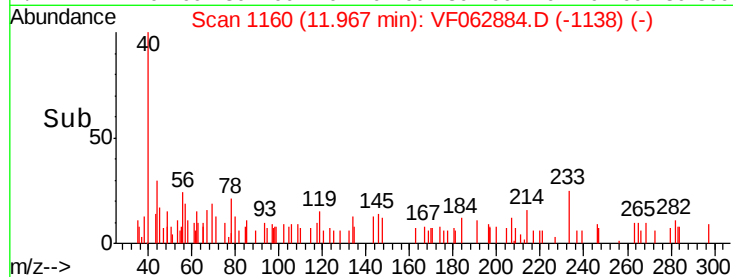
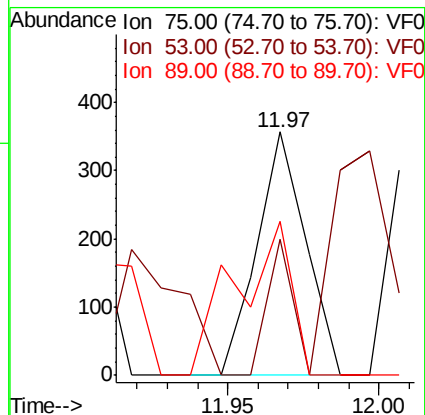
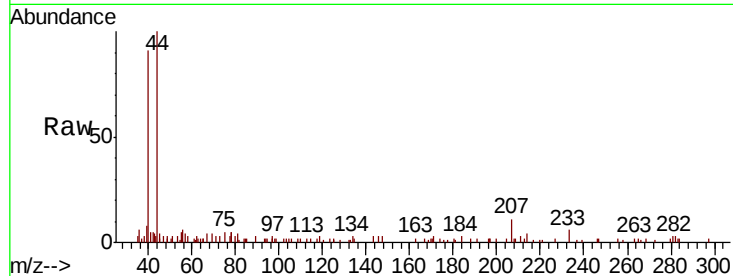
Tot Ion: 75 Resp: 401

Ion Ratio Lower Upper

75 100

53 55.7 43.5 65.3

89 63.3 34.3 51.5#



#82

4-Chlorotoluene

Concen: 31.662 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. -0.09 min

Lab File: VF062884.D

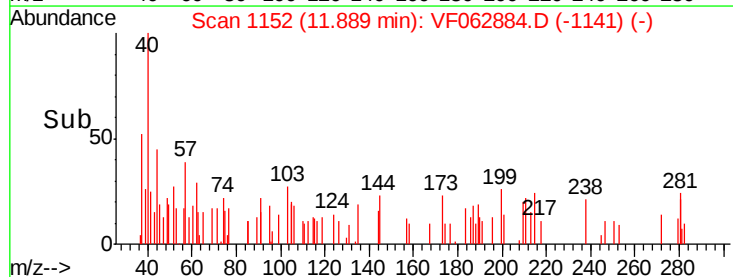
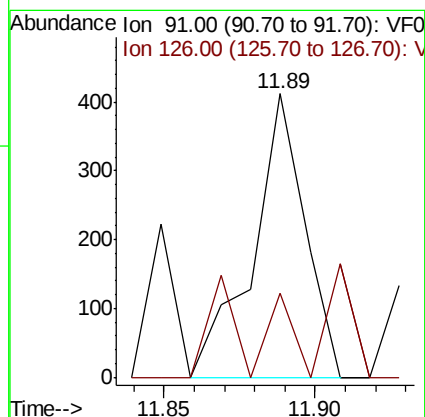
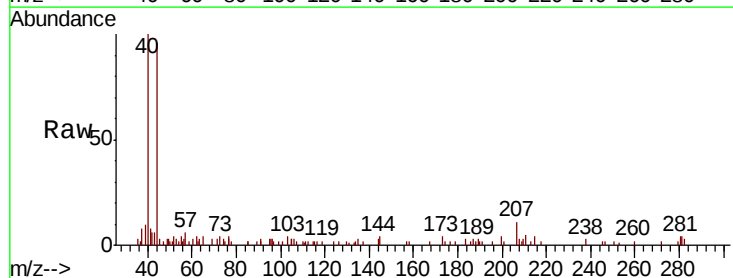
Acq: 6 Jun 2019 15:54

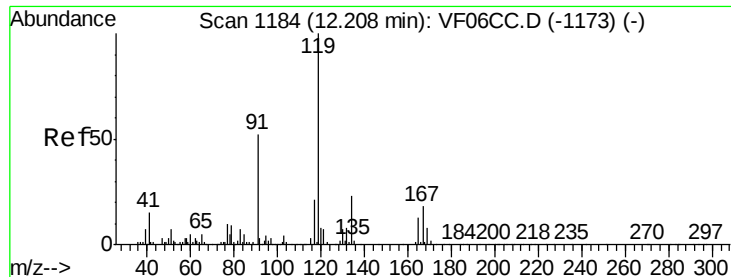
Tgt Ion: 91 Resp: 489

Ion Ratio Lower Upper

91 100

126 29.6 19.1 57.1





#83

tert-Butylbenzene

Concen: 12.858 ug/l

RT: 12.19 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

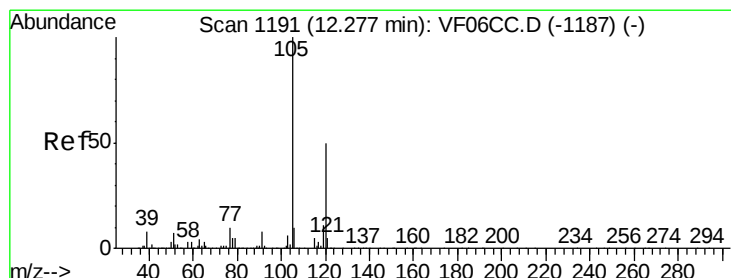
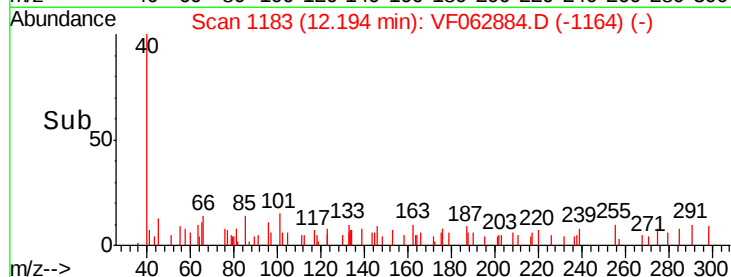
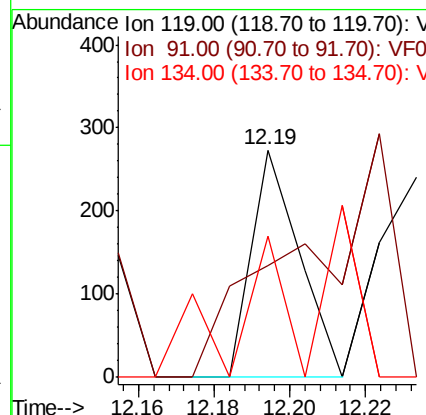
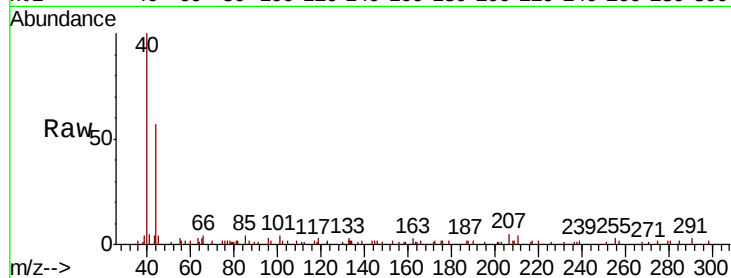
Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

Tot Ion:	119	Resp:	237
Ion	Ratio	Lower	Upper
119	100		
91	49.1	28.9	86.7
134	61.9	14.3	42.9#



#84

1,2,4-Trimethylbenzene

Concen: 11.056 ug/l

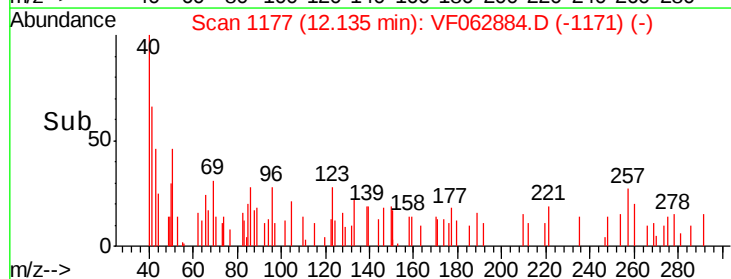
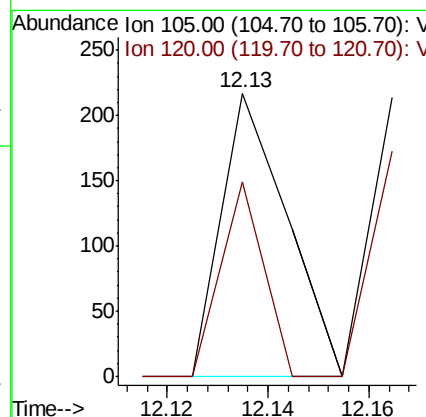
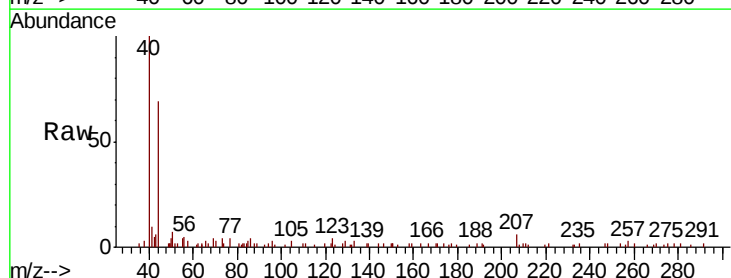
RT: 12.13 min Scan# 1177

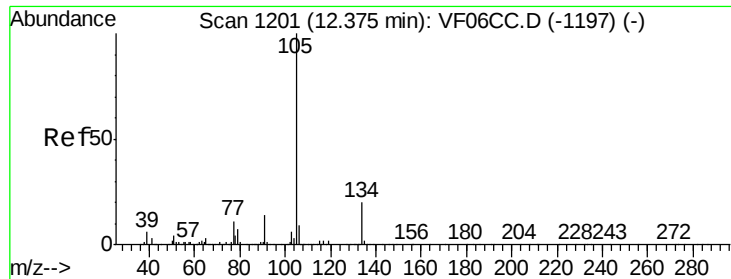
Delta R.T. -0.14 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Tgt Ion:	105	Resp:	195
Ion	Ratio	Lower	Upper
105	100		
120	68.7	27.1	81.3





#85

sec-Butylbenzene

Concen: 4.364 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

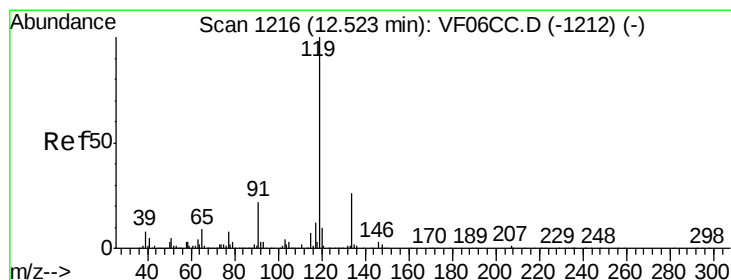
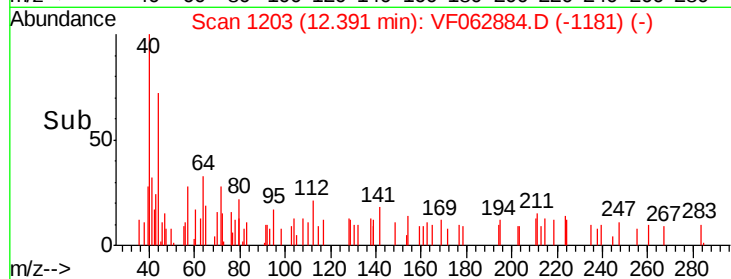
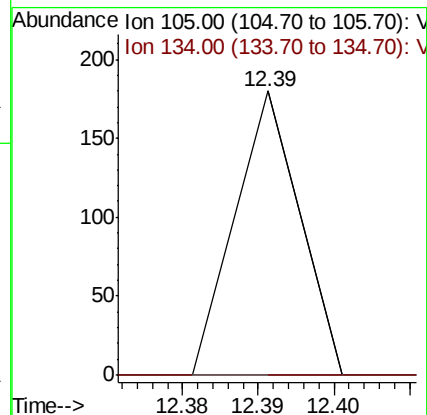
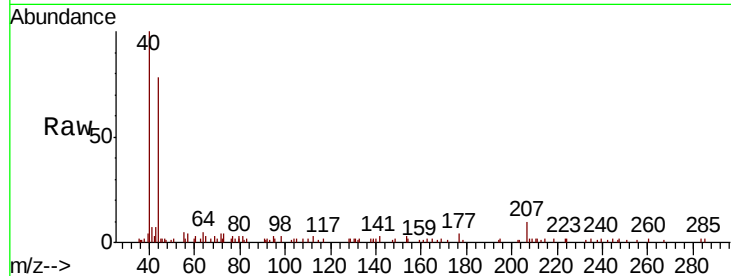
RT-5124RE

Tot Ion:105 Resp: 106

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 12.218 ug/l

RT: 12.56 min Scan# 1220

Delta R.T. 0.02 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

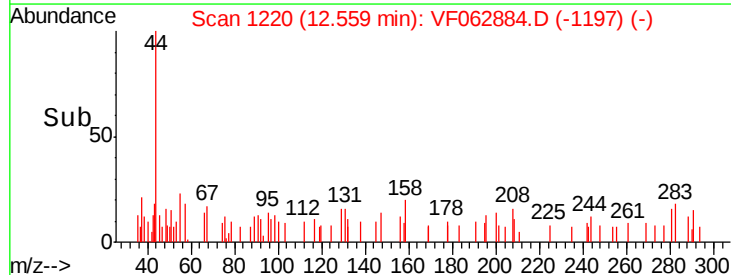
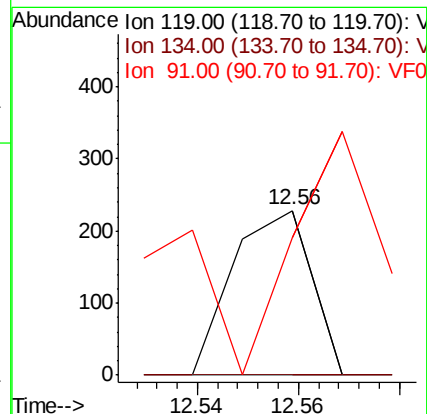
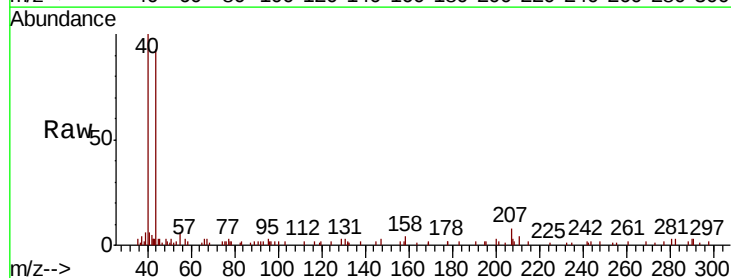
Tgt Ion:119 Resp: 247

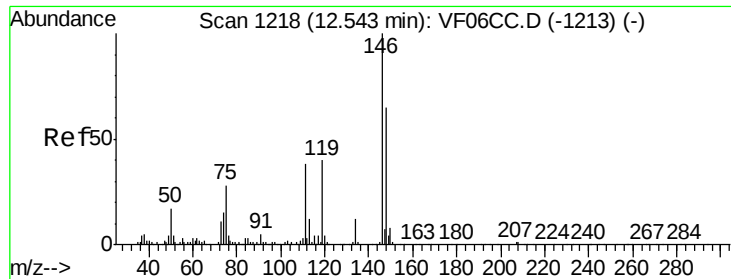
Ion Ratio Lower Upper

119 100

134 0.0 15.5 46.5#

91 83.8 10.3 30.9#





#87

1,3-Dichlorobenzene

Concen: 15.774 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.01 min

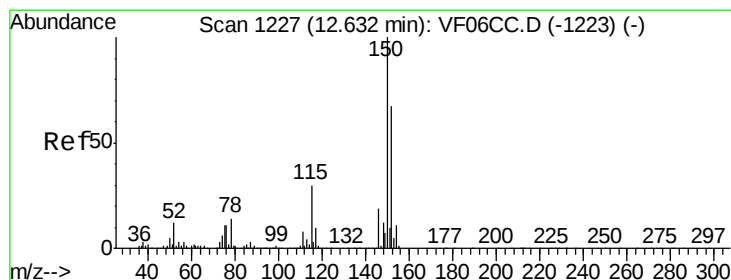
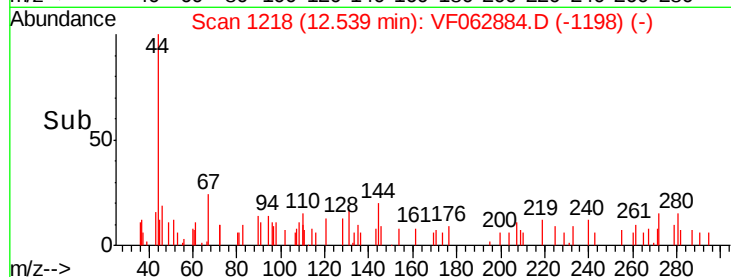
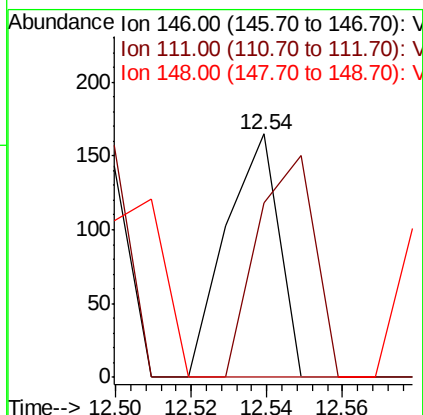
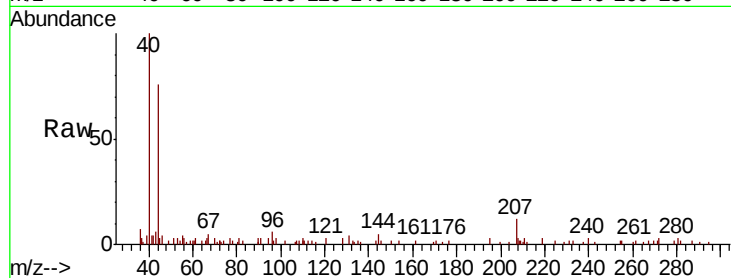
Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :
MSVOA_F
ClientSampleId :
RT-5124RE

Tot Ion:146 Resp: 159

Ion	Ratio	Lower	Upper
146	100		
111	71.5	19.6	58.8#
148	0.0	34.2	102.5#



#88

1,4-Dichlorobenzene

Concen: 27.852 ug/l

RT: 12.68 min Scan# 1232

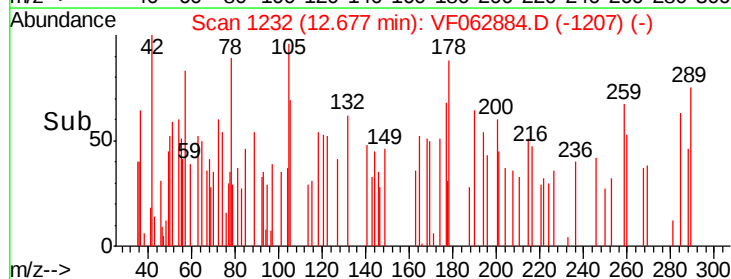
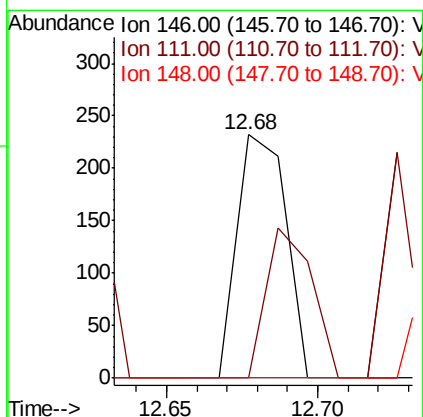
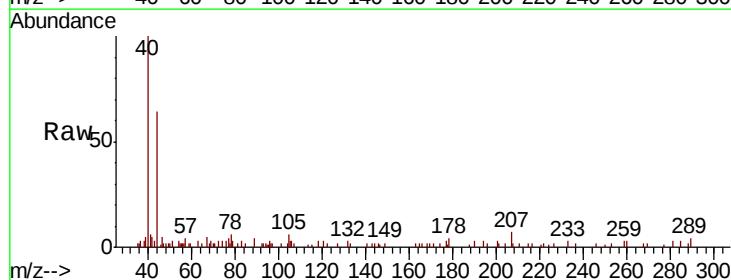
Delta R.T. 0.04 min

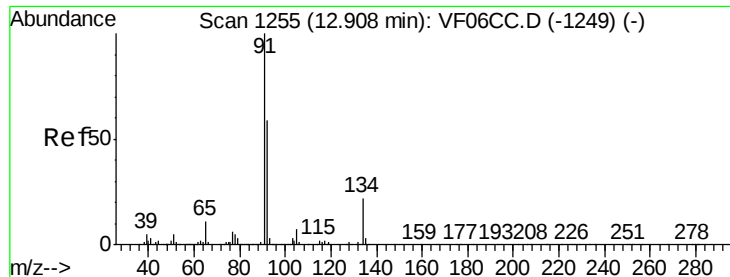
Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Tgt Ion:146 Resp: 262

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.9#
148	0.0	34.0	101.8#





#89

n-Butylbenzene

Concen: 13.424 ug/l

RT: 13.02 min Scan# 1267

Delta R.T. 0.11 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

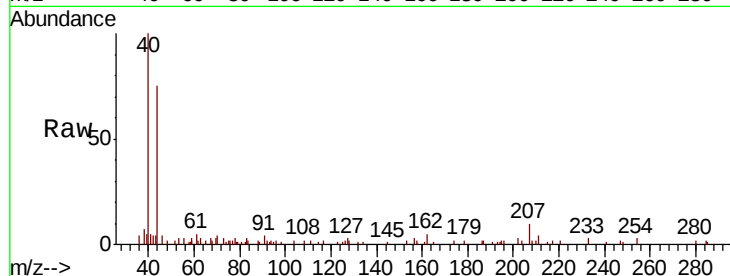
Tot Ion: 91 Resp: 273

Ion Ratio Lower Upper

91 100

92 57.8 34.2 102.6

134 34.7 15.8 47.3

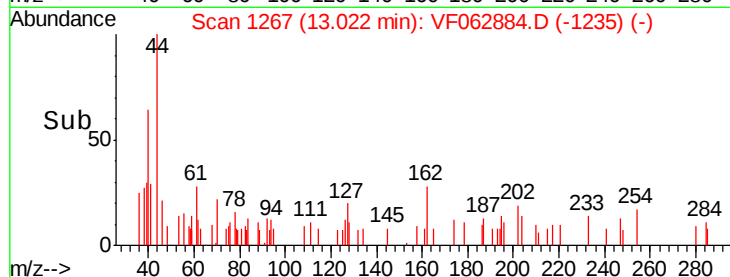


Abundance Ion 91.00 (90.70 to 91.70): VF0

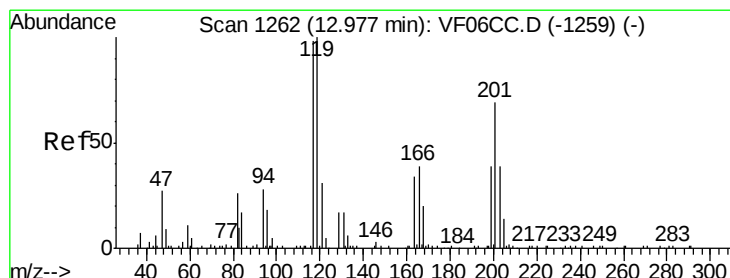
Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

Time-->



Time-->



#90

Hexachloroethane

Concen: 138.113 ug/l

RT: 13.03 min Scan# 1268

Delta R.T. 0.04 min

Lab File: VF062884.D

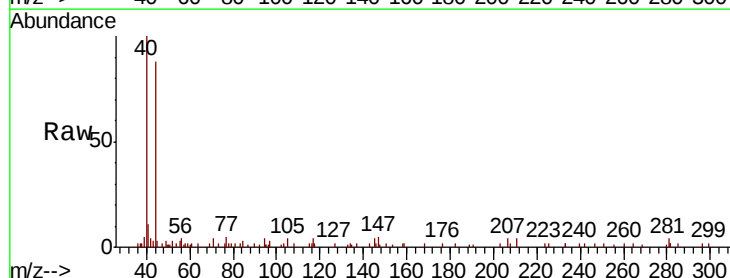
Acq: 6 Jun 2019 15:54

Tgt Ion: 117 Resp: 681

Ion Ratio Lower Upper

117 100

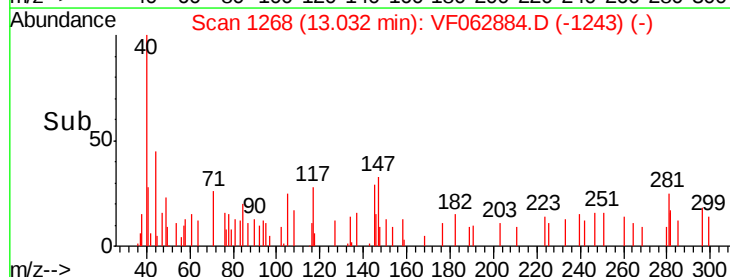
201 0.0 38.9 116.7#



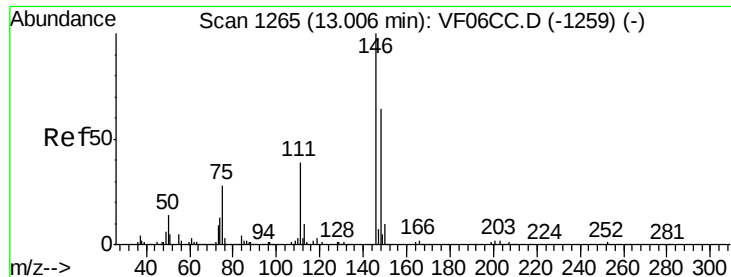
Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

Time-->



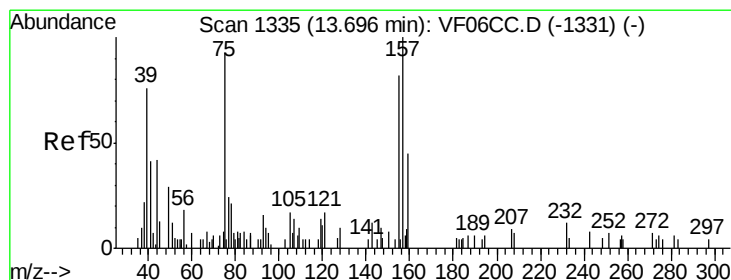
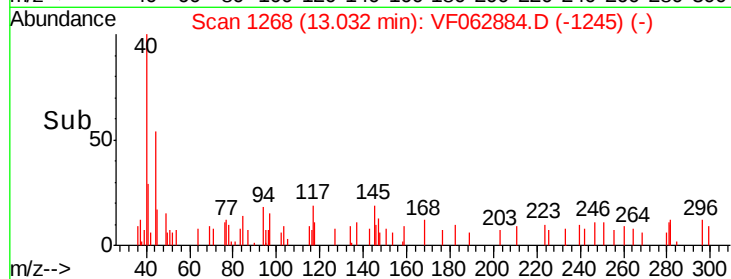
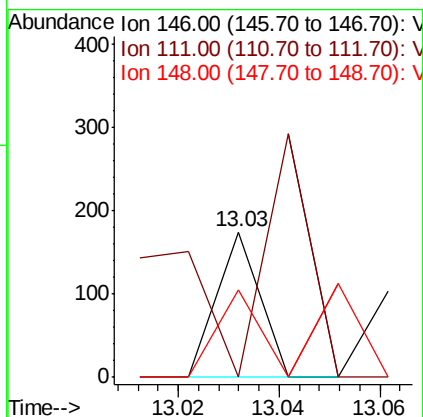
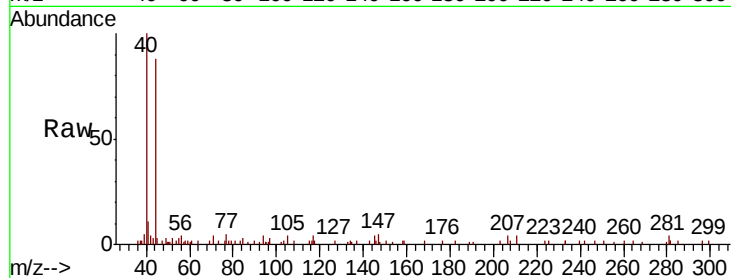
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 11.626 ug/l
 RT: 13.03 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

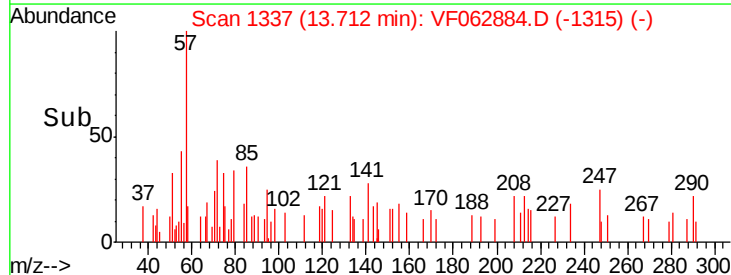
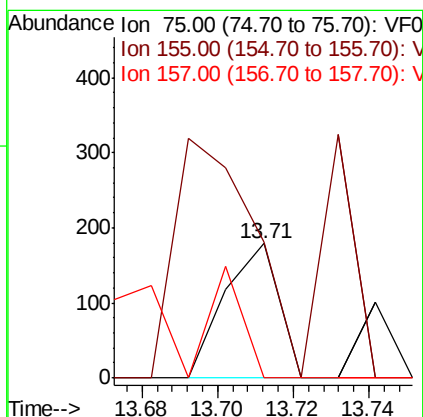
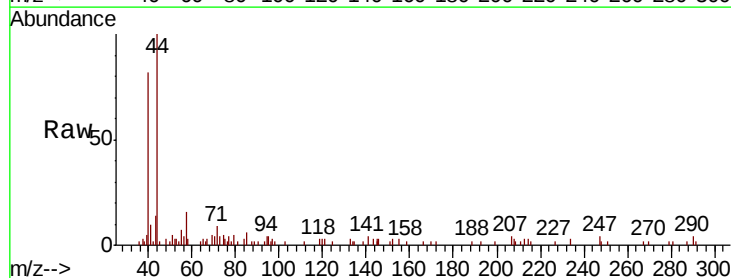
Instrument :
 MSVOA_F
 ClientSampleId :
 RT-5124RE

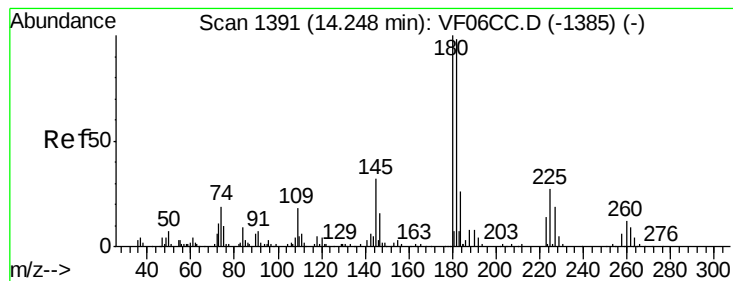
Tot Ion:146 Resp: 103
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.4 61.3#
 148 60.3 34.1 102.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 332.561 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: VF062884.D
 Acq: 6 Jun 2019 15:54

Tgt Ion: 75 Resp: 176
 Ion Ratio Lower Upper
 75 100
 155 101.1 51.7 155.1
 157 0.0 66.8 200.6#





#93

1,2,4-Trichlorobenzene

Concen: 37.974 ug/l

RT: 14.28 min Scan# 1395

Delta R.T. 0.03 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-5124RE

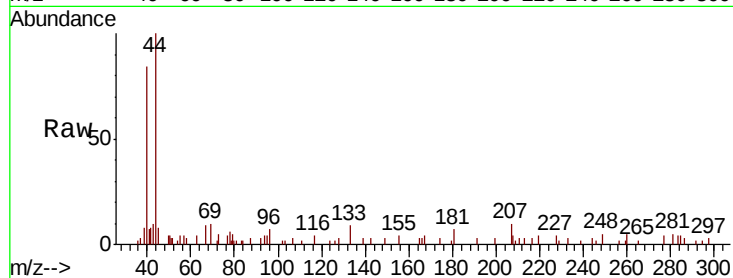
Tot Ion:180 Resp: 231

Ion Ratio Lower Upper

180 100

182 0.0 50.3 150.9#

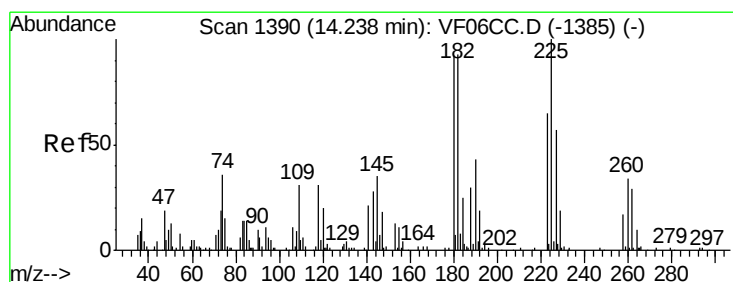
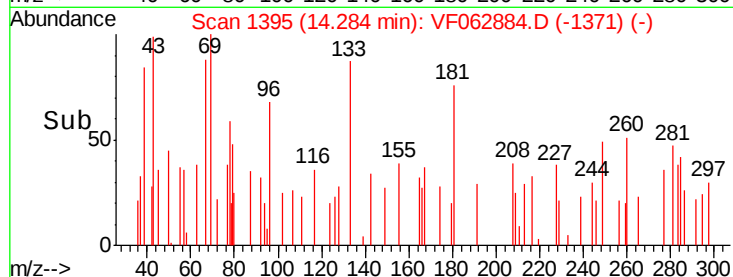
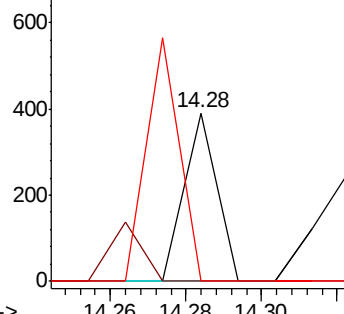
145 0.0 15.4 46.2#



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



#94

Hexachlorobutadiene

Concen: 14.970 ug/l

RT: 14.24 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

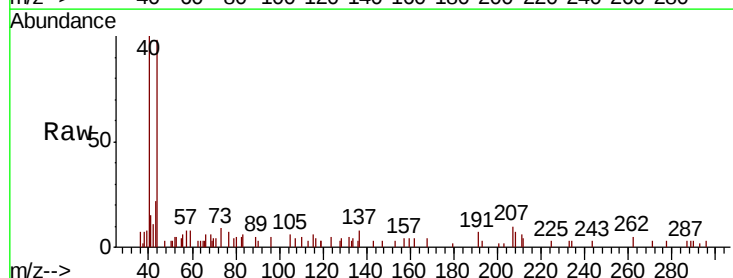
Tgt Ion:225 Resp: 63

Ion Ratio Lower Upper

225 100

223 0.0 30.8 92.4#

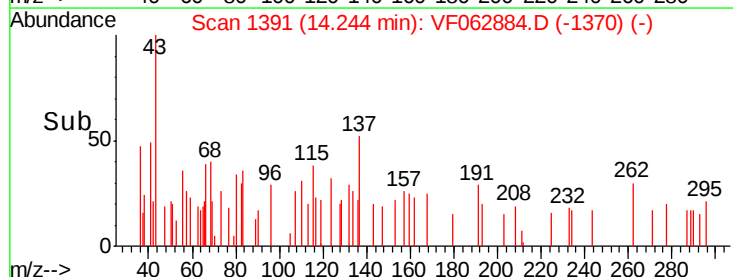
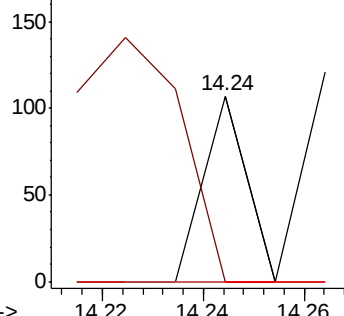
227 0.0 31.9 95.5#

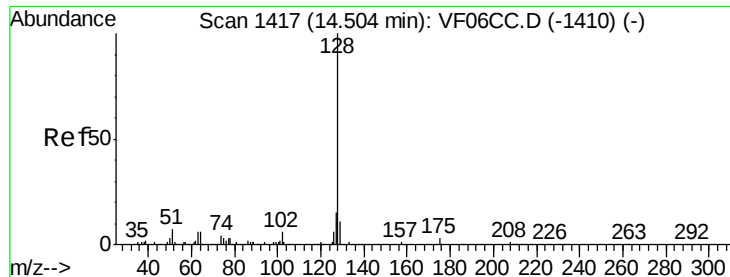


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 60.908 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

Instrument :

MSVOA_F

ClientSampled :

RT-5124RE

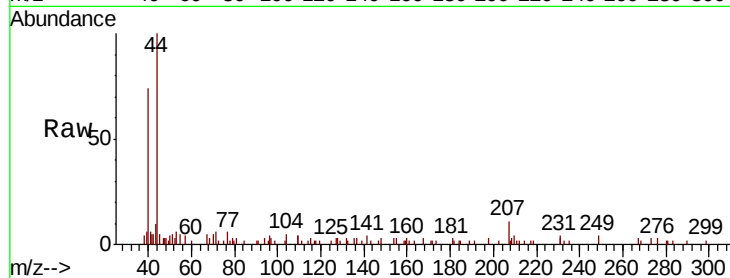
Tot Ion:128 Resp: 607

Ion Ratio Lower Upper

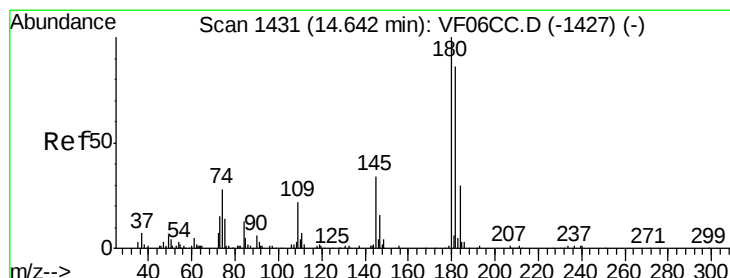
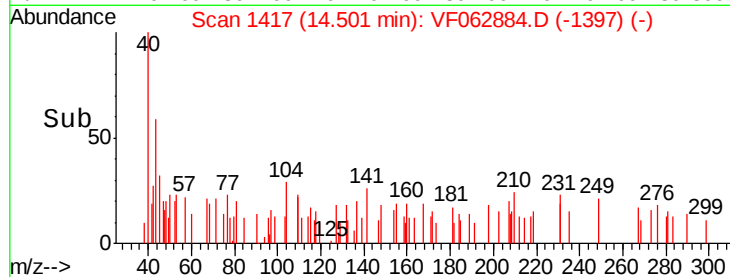
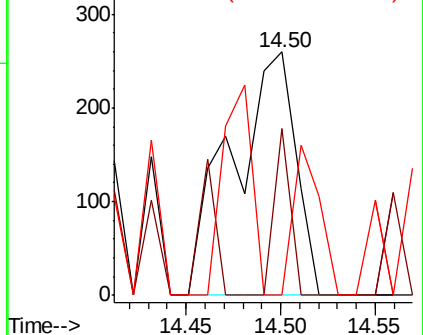
128 100

127 68.5 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: 15.128 ug/l

RT: 14.66 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VF062884.D

Acq: 6 Jun 2019 15:54

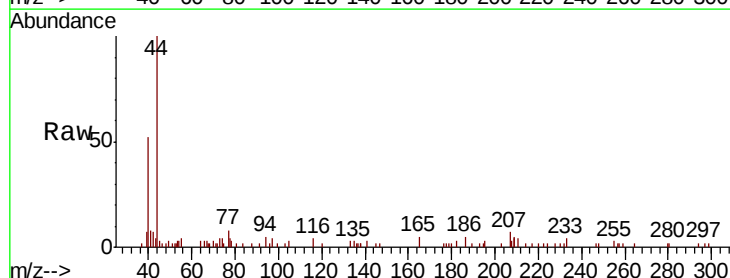
Tgt Ion:180 Resp: 84

Ion Ratio Lower Upper

180 100

182 122.5 48.6 145.9

145 77.5 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

