

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062828.D
 Acq On : 3 Jun 2019 14:56
 Operator : FY/SY
 Sample : K3097-08
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 0428-HR-8(HACKENSACK)

Quant Time: Jun 04 08:52:12 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	5.09	168	63	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.89	114	165	50.00	ug/l	0.09
63) Chlorobenzene-d5	10.04	117	272	50.00	ug/l	0.11
72) 1,4-Dichlorobenzene-d4	12.61	152	262	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.07	65	552	1267.07	ug/l	0.02
Spiked Amount				50.000		
			Recovery	= 2534.14%		
35) Dibromofluoromethane	4.40	113	266	213.34	ug/l	0.07
Spiked Amount				50.000		
			Recovery	= 426.68%		
50) Toluene-d8	7.77	98	279	88.49	ug/l	0.04
Spiked Amount				50.000		
			Recovery	= 176.98%		
62) 4-Bromofluorobenzene	11.65	95	368	324.47	ug/l	0.14
Spiked Amount				50.000		
			Recovery	= 648.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.00	85	287	435.849	ug/l #	1
3) Chloromethane	1.11	50	649	995.604	ug/l	100
4) Vinyl Chloride	1.20	62	145	223.841	ug/l #	42
5) Bromomethane	1.50	94	110	297.757	ug/l	82
6) Chloroethane	1.52	64	284	1172.594	ug/l	89
7) Trichlorofluoromethane	1.57	101	211	230.087	ug/l	87
8) Diethyl Ether	1.69	74	223	1235.991	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.96	101	401	695.516	ug/l #	15
10) Methyl Iodide	2.02	142	203	175.602	ug/l #	25
11) Tert butyl alcohol	2.72	59	105	3978.599	ug/l #	70
12) 1,1-Dichloroethene	1.92	96	439	838.534	ug/l #	29
13) Acrolein	2.16	56	196	19210.973	ug/l #	80
14) Allyl chloride	2.22	41	939	2311.929	ug/l #	74
15) Acrylonitrile	3.11	53	521	5253.760	ug/l #	83
16) Acetone	2.40	43	1173	11764.088	ug/l	99
17) Carbon Disulfide	1.92	76	119	77.770	ug/l #	1
18) Methyl Acetate	2.50	43	983	5641.552	ug/l	95
19) Methyl tert-butyl Ether	2.58	73	349	367.949	ug/l #	28
20) Methylene Chloride	2.36	84	383	812.601	ug/l #	53
21) trans-1,2-Dichloroethene	2.47	96	343	653.431	ug/l #	24
22) Diisopropyl ether	2.96	45	569	493.101	ug/l #	30
23) Vinyl Acetate	3.34	43	513	649.381	ug/l #	56
24) 1,1-Dichloroethane	3.06	63	203	235.617	ug/l #	88
25) 2-Butanone	4.67	43	552	2377.234	ug/l	98
26) 2,2-Dichloropropane	3.80	77	739	1510.632	ug/l #	50
27) cis-1,2-Dichloroethene	3.71	96	348	394.395	ug/l	5
28) Bromochloromethane	3.96	49	619	1320.820	ug/l #	1
29) Tetrahydrofuran	4.27	42	433	4875.522	ug/l #	78
30) Chloroform	4.11	83	196	161.415	ug/l #	51
31) Cyclohexane	3.93	56	192	164.604	ug/l #	13
32) 1,1,1-Trichloroethane	4.30	97	319	451.216	ug/l #	83
36) 1,1-Dichloropropene	4.57	75	209	137.593	ug/l #	1
37) Ethyl Acetate	4.42	43	611	1052.268	ug/l #	14
38) Carbon Tetrachloride	4.26	117	153	149.038	ug/l #	11

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.76	83	667	352.815	ug/l #	18
40) Benzene	4.91	78	289	65.373	ug/l #	1
41) Methacrylonitrile	5.01	41	1268	3928.179	ug/l #	34
42) 1,2-Dichloroethane	5.23	62	191	227.165	ug/l	69
43) Isopropyl Acetate	7.26	43	875	1140.741	ug/l #	38
44) Trichloroethene	5.80	130	115	92.174	ug/l	72
45) 1,2-Dichloropropane	6.44	63	793	714.816	ug/l	92
46) Dibromomethane	6.34	93	265	409.139	ug/l #	2
47) Bromodichloromethane	6.69	83	160	121.296	ug/l #	53
48) Methyl methacrylate	6.98	41	597	1510.215	ug/l #	59
49) 1,4-Dioxane	7.00	88	166	31858.106	ug/l #	1
51) 4-Methyl-2-Pentanone	8.46	43	1144	2089.023	ug/l	90
52) Toluene	7.91	92	59	24.779	ug/l #	1
53) t-1,3-Dichloropropene	8.60	75	518	473.900	ug/l #	43
54) cis-1,3-Dichloropropene	7.60	75	188	118.820	ug/l #	23
55) 1,1,2-Trichloroethane	8.76	97	426	598.866	ug/l #	59
56) Ethyl methacrylate	8.89	69	208	272.518	ug/l #	1
57) 1,3-Dichloropropane	9.16	76	191	164.423	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.60	63	95	356.141	ug/l #	1
59) 2-Hexanone	9.73	43	414	1060.643	ug/l	66
60) Dibromochloromethane	9.04	129	164	186.218	ug/l #	12
61) 1,2-Dibromoethane	9.27	107	160	216.576	ug/l #	1
64) Tetrachloroethene	8.32	164	329	157.405	ug/l #	1
65) Chlorobenzene	9.93	112	131	24.939	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.06	131	251	119.984	ug/l #	15
67) Ethyl Benzene	10.03	91	187	20.746	ug/l #	42
68) m/p-Xylenes	10.34	106	476	137.999	ug/l #	1
69) o-Xylene	10.89	106	158	45.242	ug/l	62
70) Styrene	10.94	104	197	38.272	ug/l #	53
71) Bromoform	10.89	173	134	133.527	ug/l #	28
73) Isopropylbenzene	11.19	105	353	19.309	ug/l #	59
74) N-amyl acetate	11.48	43	548	106.357	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.79	83	156	39.959	ug/l #	5
76) 1,2,3-Trichloropropane	11.85	75	340	131.386	ug/l #	1
77) Bromobenzene	11.59	156	81	17.634	ug/l #	1
78) n-propylbenzene	11.70	91	338	15.313	ug/l #	49
79) 2-Chlorotoluene	11.87	91	487	38.558	ug/l	76
80) 1,3,5-Trimethylbenzene	11.86	105	172	11.505	ug/l	69
81) trans-1,4-Dichloro-2-buten	11.93	75	614	560.426	ug/l #	62
82) 4-Chlorotoluene	12.05	91	771	62.115	ug/l	75
83) tert-Butylbenzene	12.21	119	77	5.198	ug/l #	30
84) 1,2,4-Trimethylbenzene	12.28	105	111	7.831	ug/l #	24
85) sec-Butylbenzene	12.36	105	103	5.277	ug/l #	55
86) p-Isopropyltoluene	12.50	119	318	19.572	ug/l #	48
87) 1,3-Dichlorobenzene	12.57	146	142	17.529	ug/l #	40
88) 1,4-Dichlorobenzene	12.65	146	91	12.037	ug/l #	23
89) n-Butylbenzene	12.94	91	363	22.210	ug/l #	48
90) Hexachloroethane	12.85	117	67	16.907	ug/l	82
91) 1,2-Dichlorobenzene	13.01	146	88	12.359	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.70	75	130	305.645	ug/l #	1

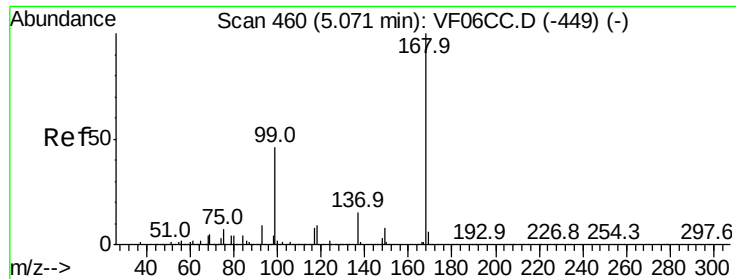
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	112	22.909	ug/l #	11
94) Hexachlorobutadiene	14.37	225	197	58.248	ug/l #	47
95) Naphthalene	14.52	128	83	10.363	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.63	180	75	16.806	ug/l #	1

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

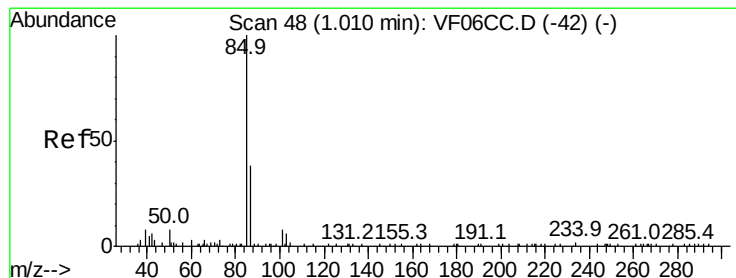
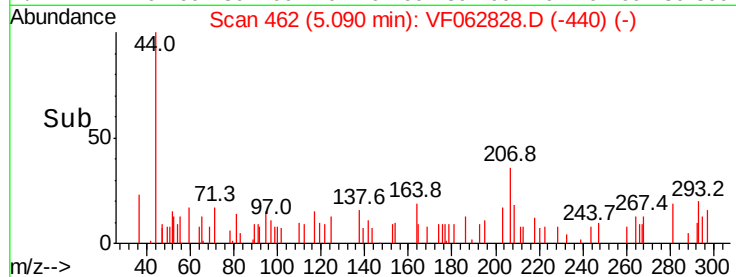
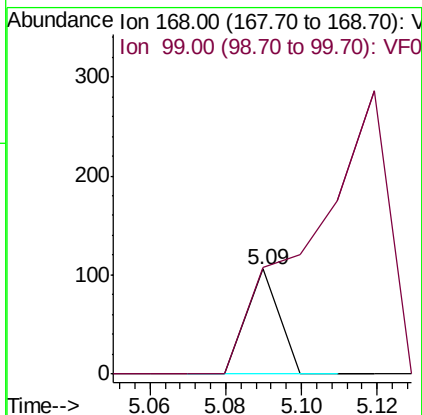
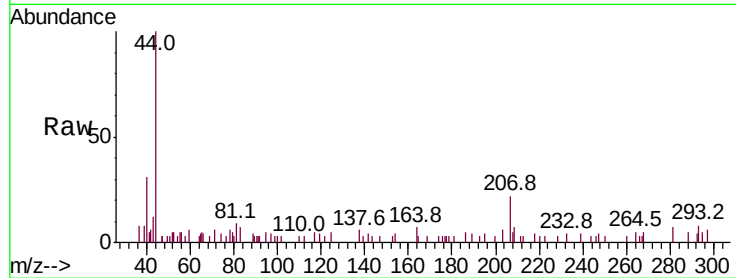


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.09 min Scan# 462
 Delta R.T. 0.02 min
 Lab File: VF062828.D
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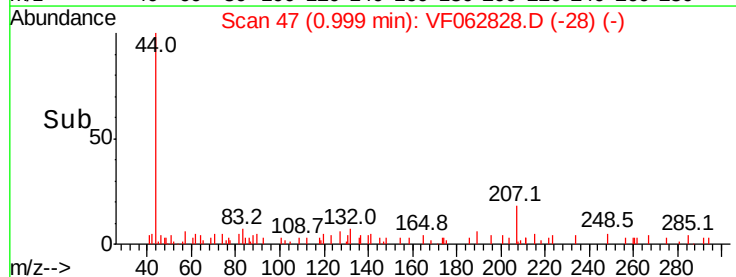
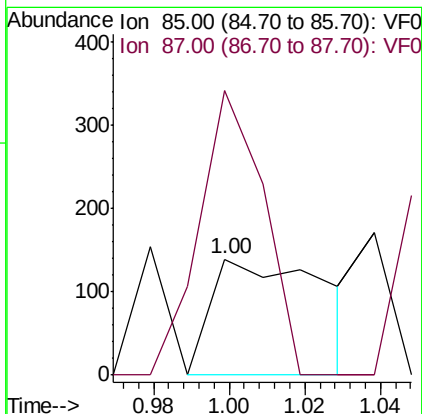
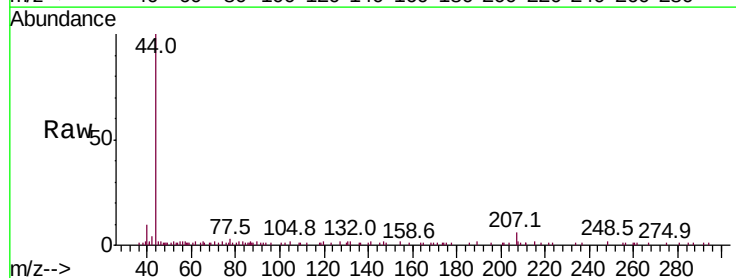
Tot Ion:168 Resp: 63
 Ion Ratio Lower Upper
 168 100
 99 212.3 39.1 58.7#

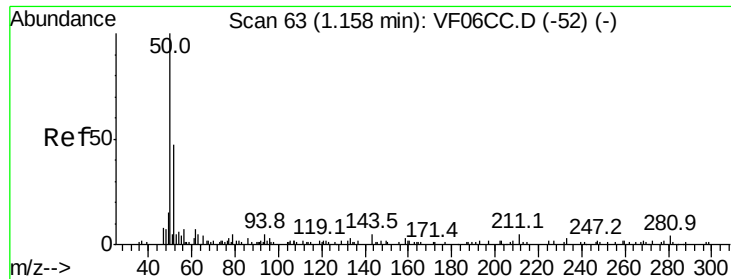


#2

Dichlorodifluoromethane
 Concen: 435.849 ug/l
 RT: 1.00 min Scan# 47
 Delta R.T. -0.01 min
 Lab File: VF062828.D
 Acq: 3 Jun 2019 14:56

Tgt Ion: 85 Resp: 287
 Ion Ratio Lower Upper
 85 100
 87 371.0 17.6 52.9#

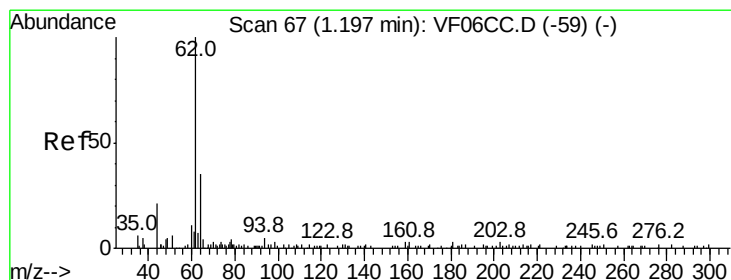
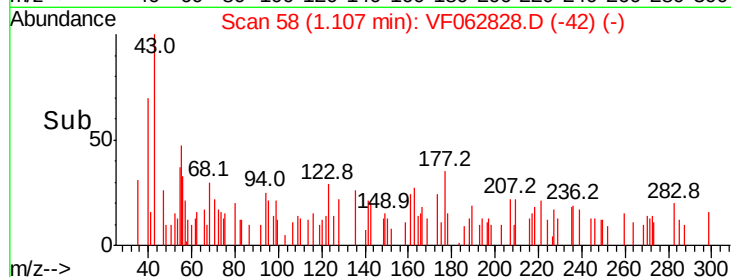
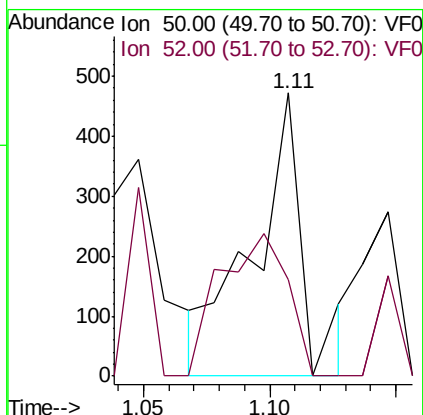
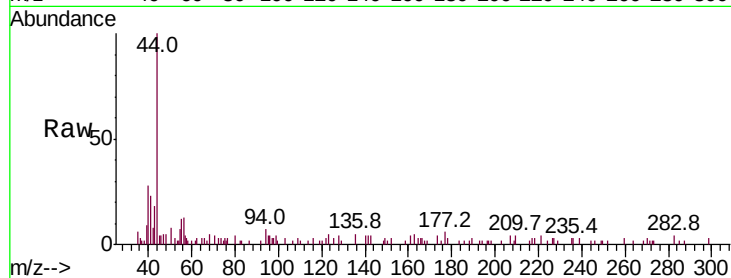




#3
Chloromethane
Concen: 995.604 ug/l
RT: 1.11 min Scan# 58
Delta R.T. -0.04 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

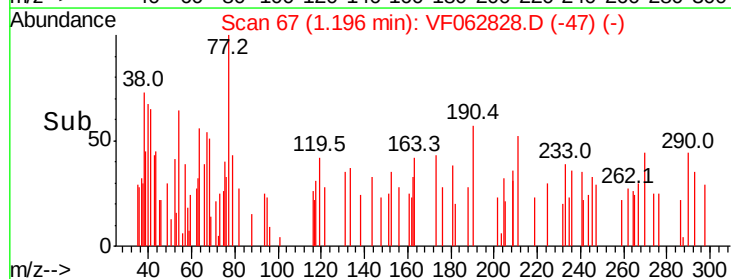
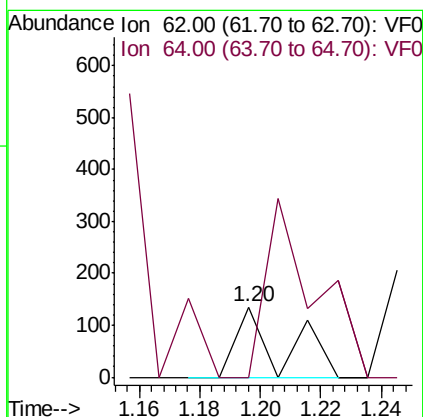
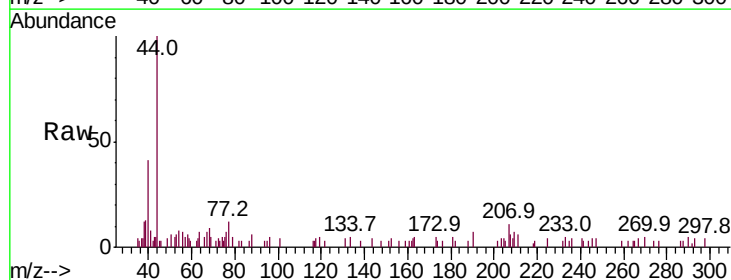
Instrument :
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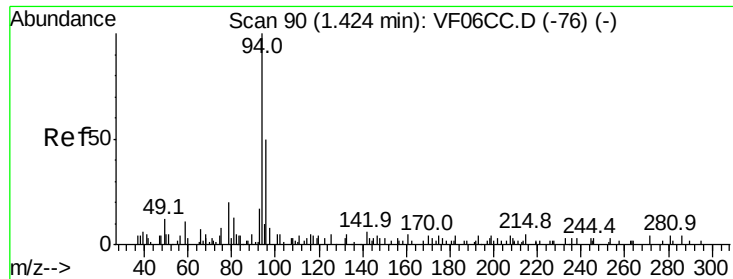
Tot Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 33.9 27.0 40.4



#4
Vinyl Chloride
Concen: 223.841 ug/l
RT: 1.20 min Scan# 67
Delta R.T. -0.00 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 62 Resp: 145
Ion Ratio Lower Upper
62 100
64 0.0 26.2 39.2#





#5

Bromomethane

Concen: 297.757 ug/l

RT: 1.50 min Scan# 98

Delta R.T. 0.10 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

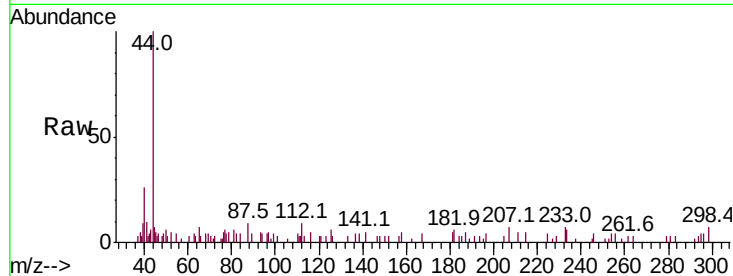
0428-HR-8(HACKENSACK)

Tot Ion: 94 Resp: 110

Ion Ratio Lower Upper

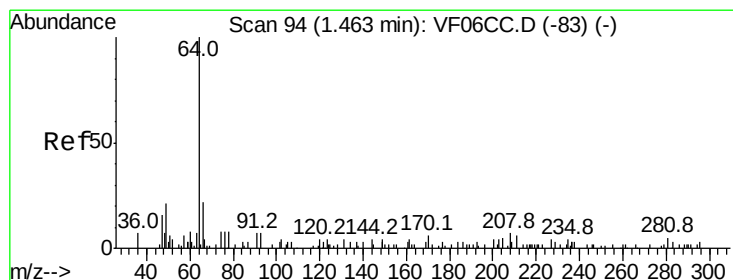
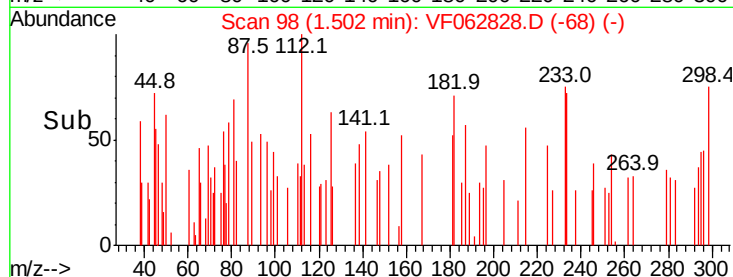
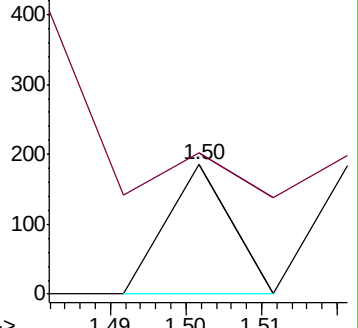
94 100

96 109.2 73.8 110.6



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 1172.594 ug/l

RT: 1.52 min Scan# 100

Delta R.T. 0.06 min

Lab File: VF062828.D

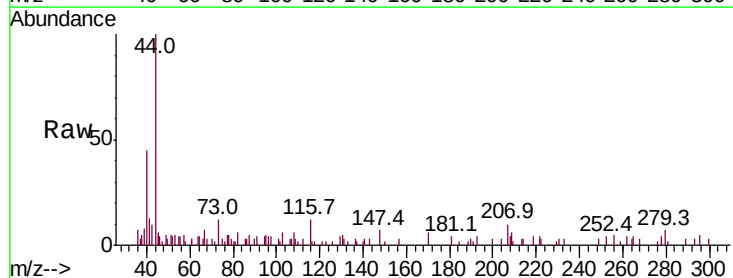
Acq: 3 Jun 2019 14:56

Tgt Ion: 64 Resp: 284

Ion Ratio Lower Upper

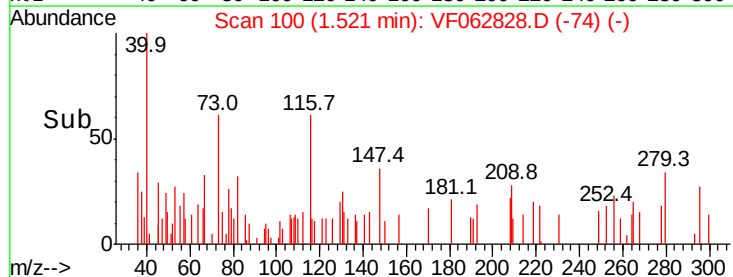
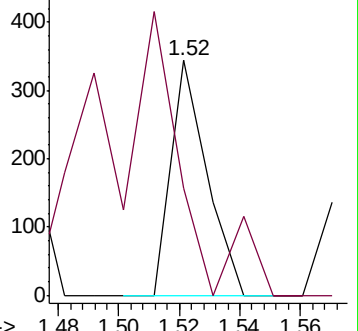
64 100

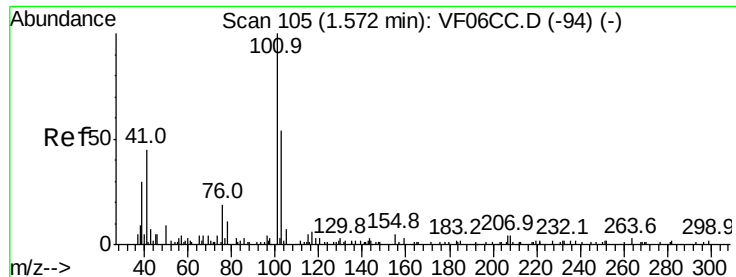
66 45.6 31.0 46.4



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



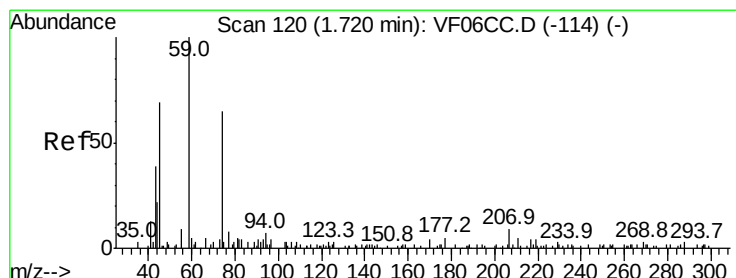
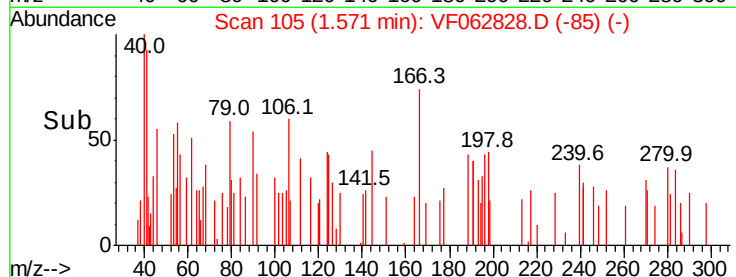
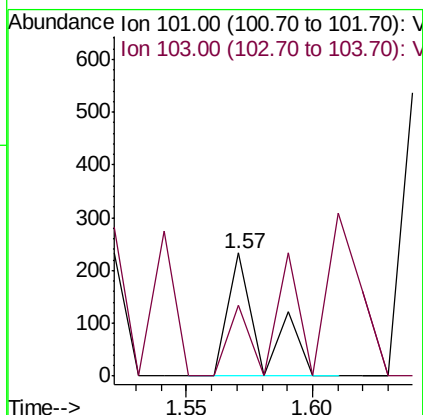
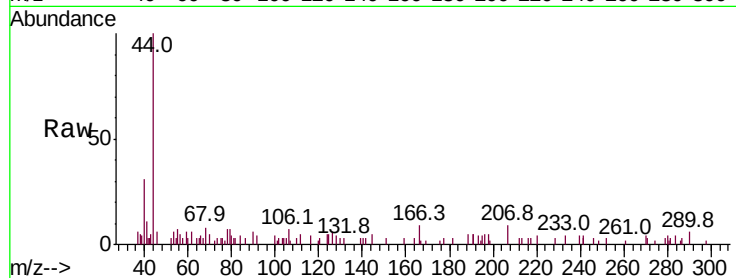


#7

Trichlorofluoromethane
Concen: 230.087 ug/l
RT: 1.57 min Scan# 105
Delta R.T. -0.00 min
Lab File: VF062828.D
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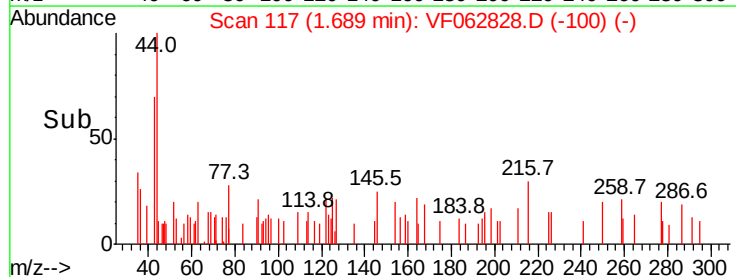
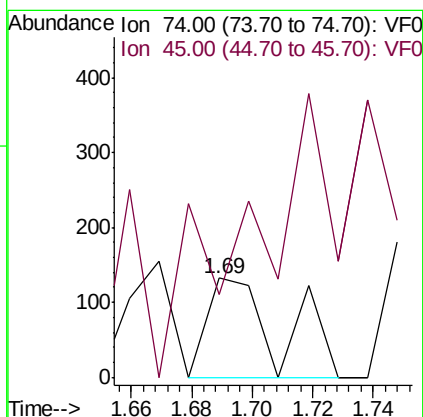
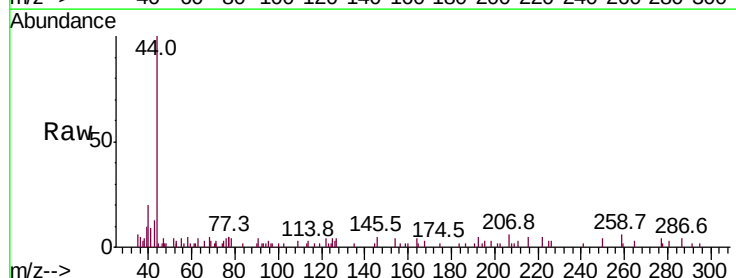
Tot Ion:101 Resp: 211
Ion Ratio Lower Upper
101 100
103 57.5 54.6 82.0

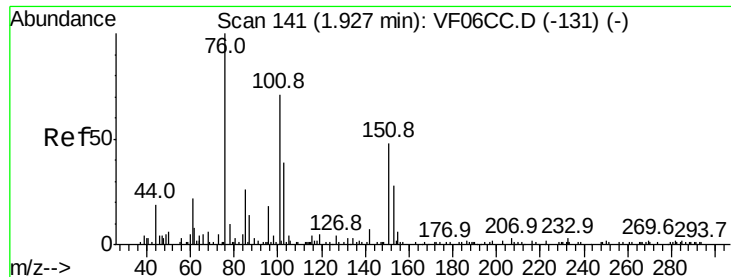


#8

Diethyl Ether
Concen: 1235.991 ug/l
RT: 1.69 min Scan# 117
Delta R.T. -0.03 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 74 Resp: 223
Ion Ratio Lower Upper
74 100
45 83.3 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 695.516 ug/l

RT: 1.96 min Scan# 144

Delta R.T. 0.02 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

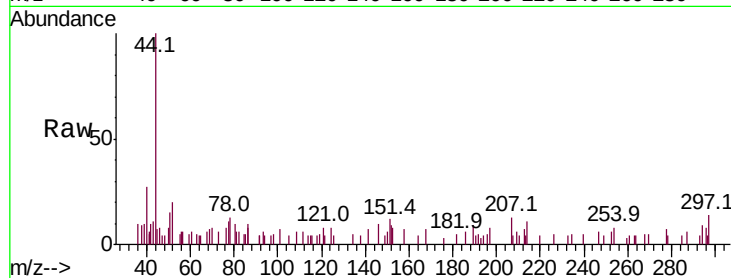
Tot Ion:101 Resp: 401

Ion Ratio Lower Upper

101 100

85 71.7 37.1 55.7#

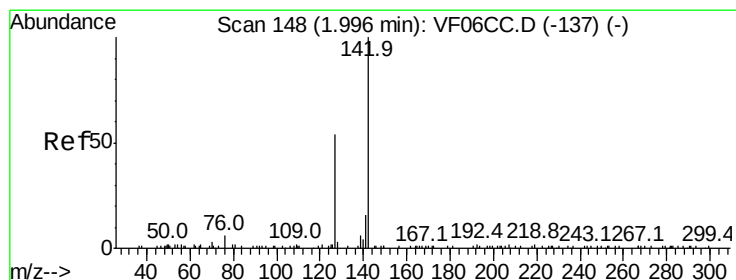
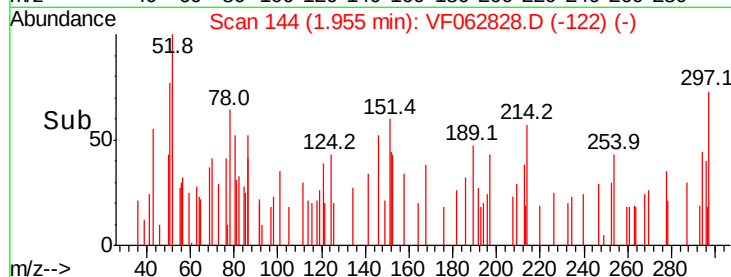
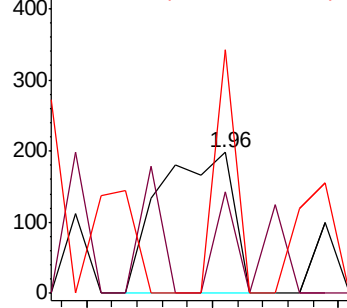
151 172.7 60.3 90.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 175.602 ug/l

RT: 2.02 min Scan# 151

Delta R.T. 0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

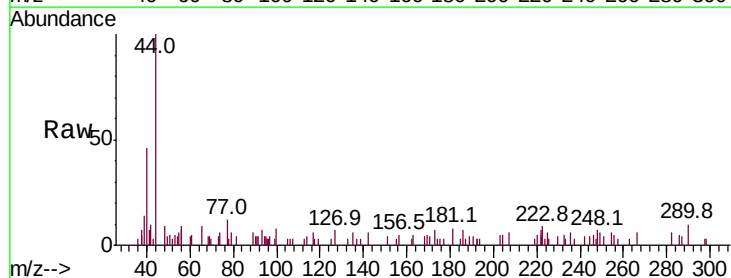
Tgt Ion:142 Resp: 203

Ion Ratio Lower Upper

142 100

127 108.2 39.4 59.2#

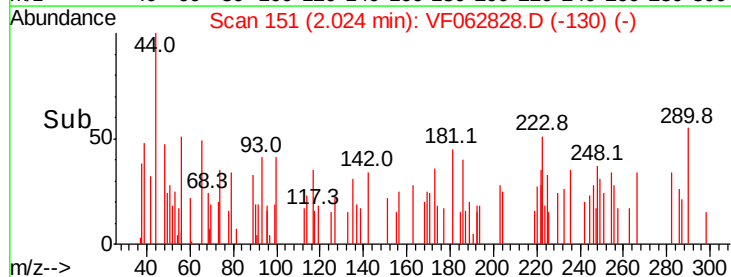
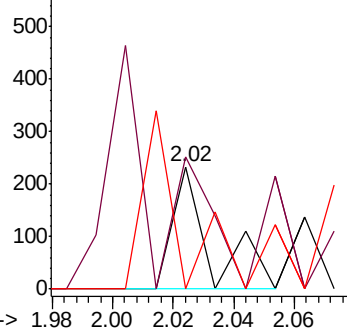
141 0.0 10.6 15.8#

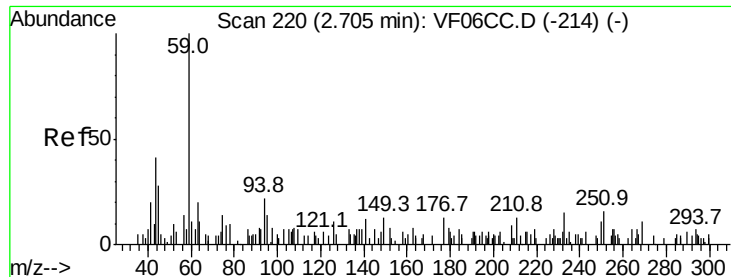


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



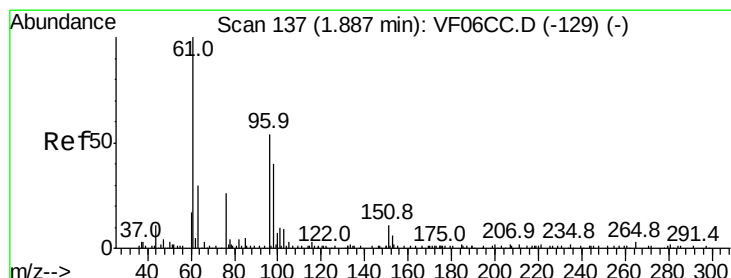
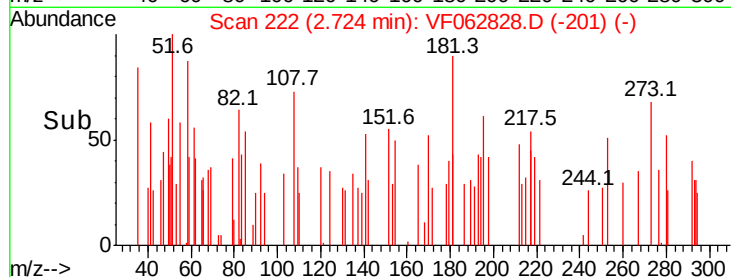
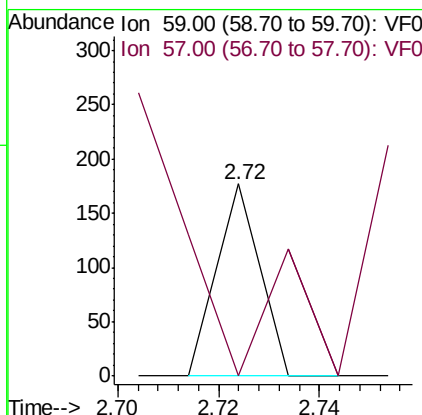
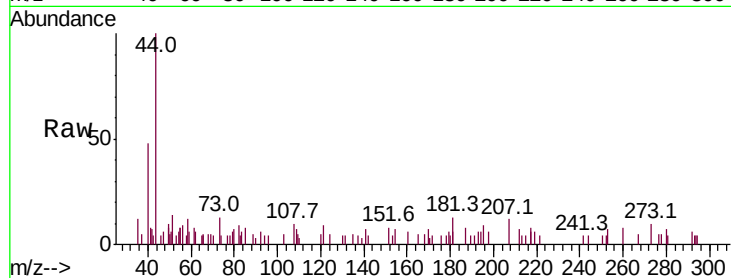


#11

Tert butyl alcohol
Concen: 3978.599 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

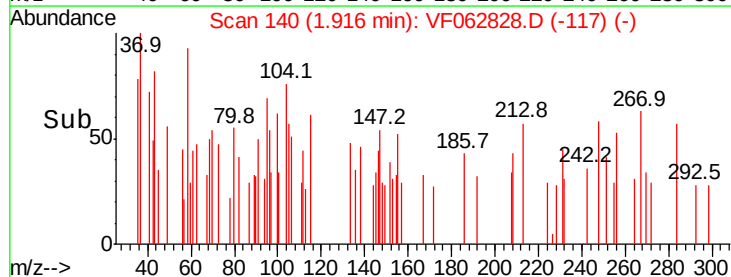
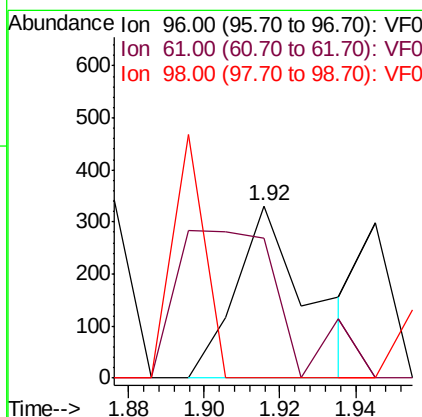
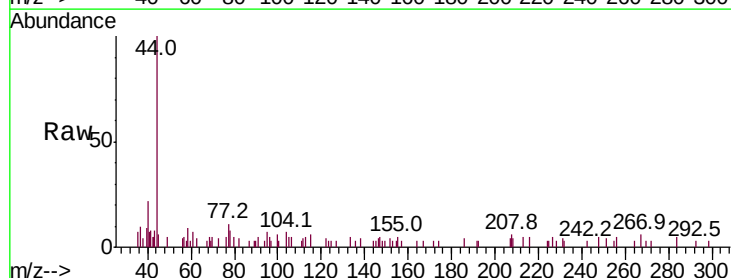
Tot Ion: 59 Resp: 105
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

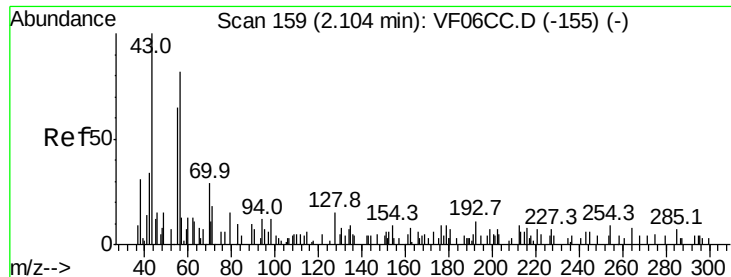


#12

1,1-Dichloroethene
Concen: 838.534 ug/l
RT: 1.92 min Scan# 140
Delta R.T. 0.03 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 96 Resp: 439
Ion Ratio Lower Upper
96 100
61 81.3 139.4 209.2#
98 0.0 50.3 75.5#

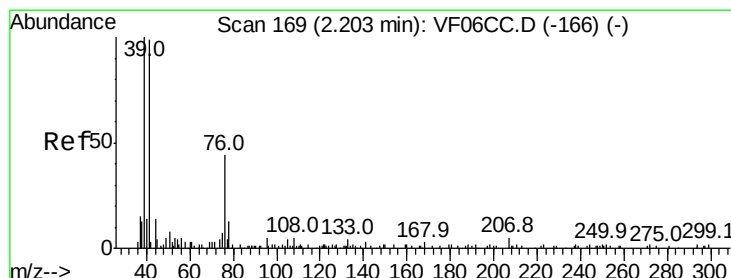
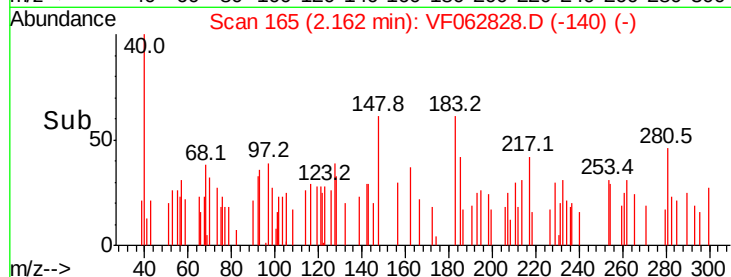
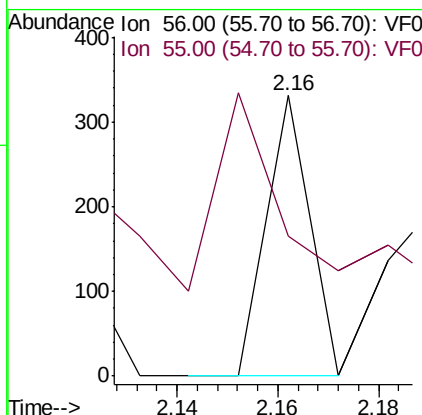
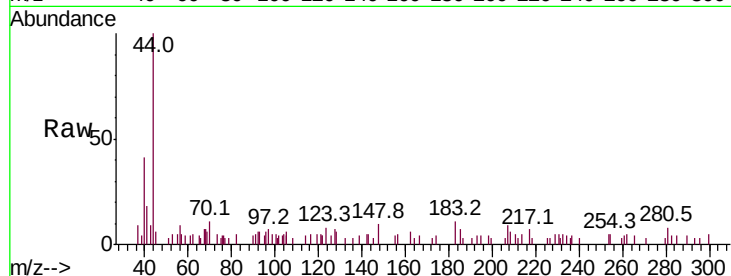




#13
Acrolein
Concen: 19210.973 ug/l
RT: 2.16 min Scan# 165
Delta R.T. 0.05 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

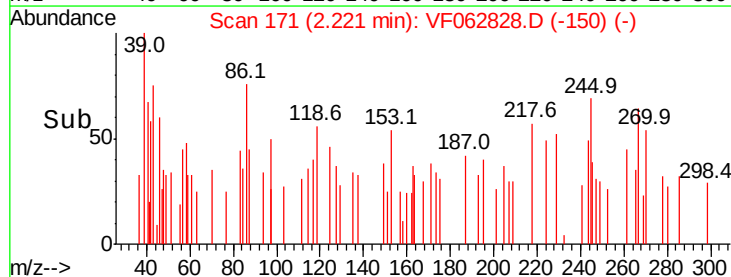
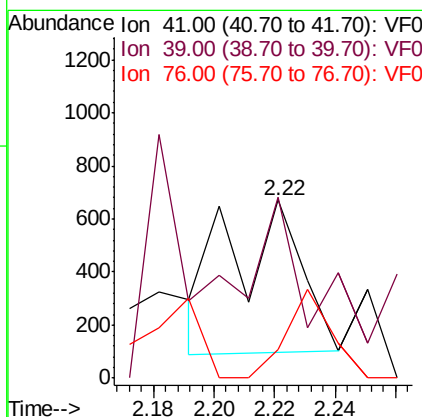
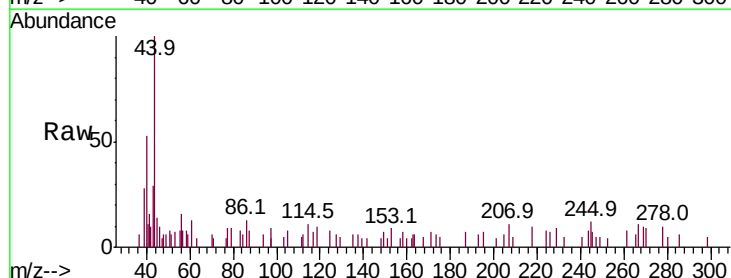
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

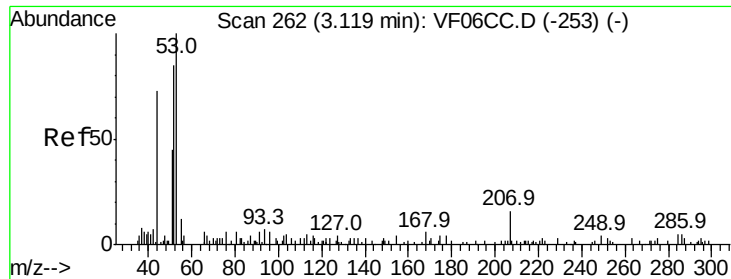
Tot Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
55 50.2 52.9 79.3#



#14
Allyl chloride
Concen: 2311.929 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.01 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 41 Resp: 939
Ion Ratio Lower Upper
41 100
39 101.9 71.9 107.9
76 15.9 39.6 59.4#





#15

Acrylonitrile

Concen: 5253.760 ug/l

RT: 3.11 min Scan# 261

Delta R.T. -0.00 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

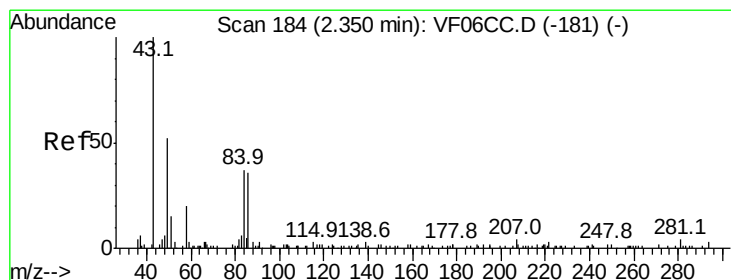
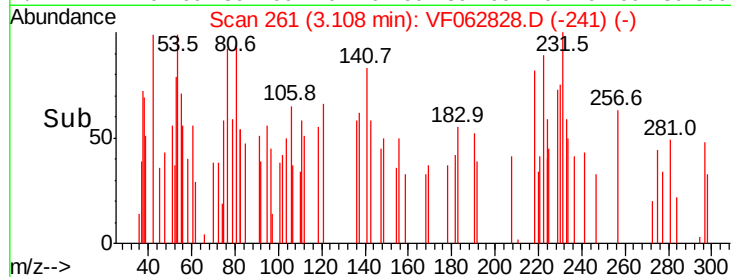
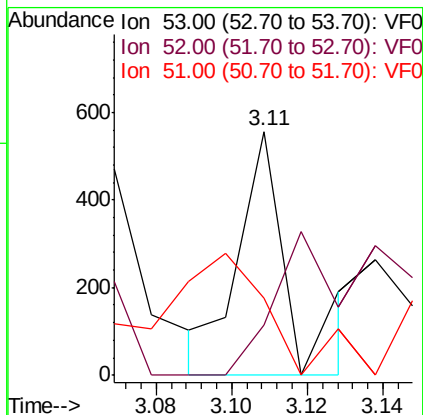
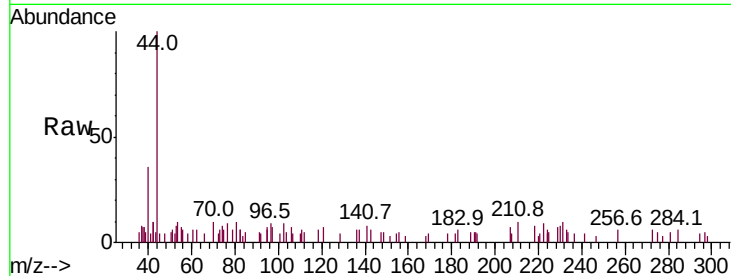
Tot Ion: 53 Resp: 521

Ion Ratio Lower Upper

53 100

52 65.1 68.1 102.1#

51 31.5 27.7 41.5



#16

Acetone

Concen: 11764.088 ug/l

RT: 2.40 min Scan# 189

Delta R.T. 0.04 min

Lab File: VF062828.D

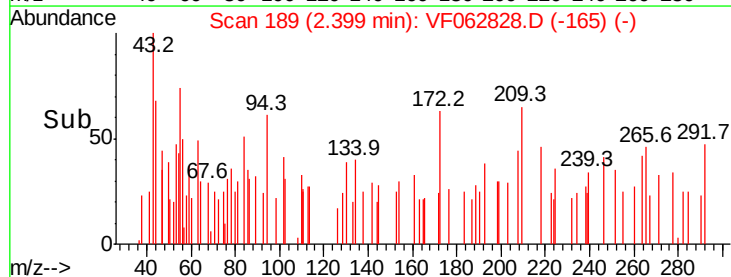
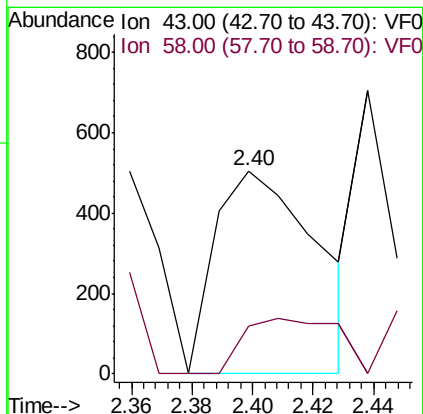
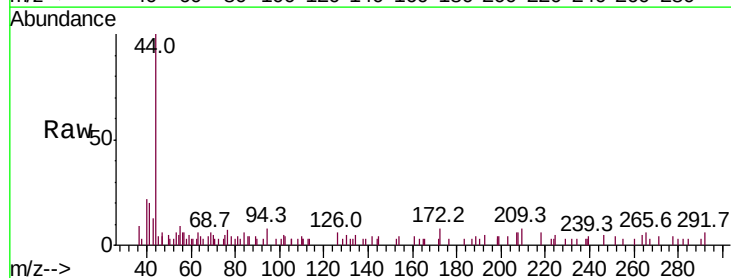
Acq: 3 Jun 2019 14:56

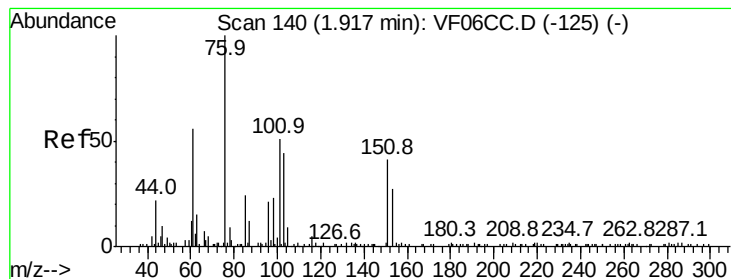
Tgt Ion: 43 Resp: 1173

Ion Ratio Lower Upper

43 100

58 23.3 19.0 28.4





#17

Carbon Disulfide

Concen: 77.770 ug/l

RT: 1.92 min Scan# 140

Delta R.T. -0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

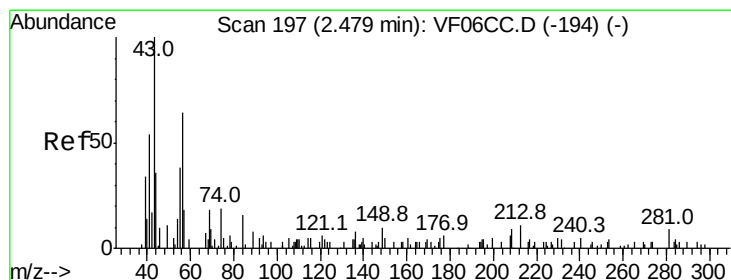
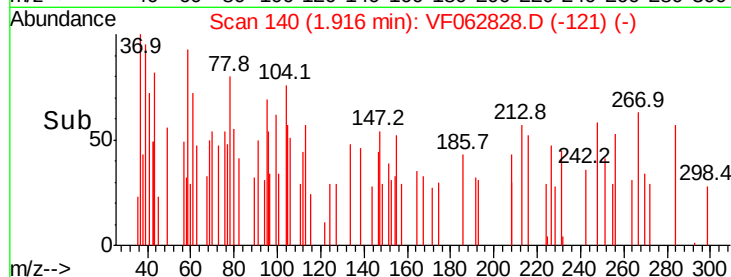
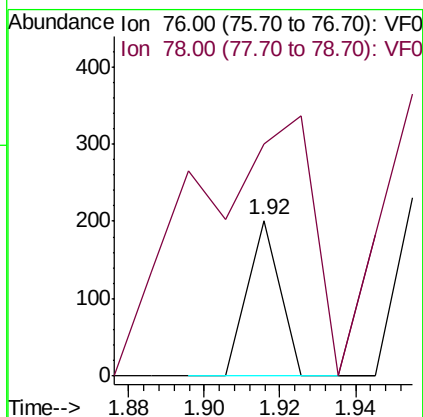
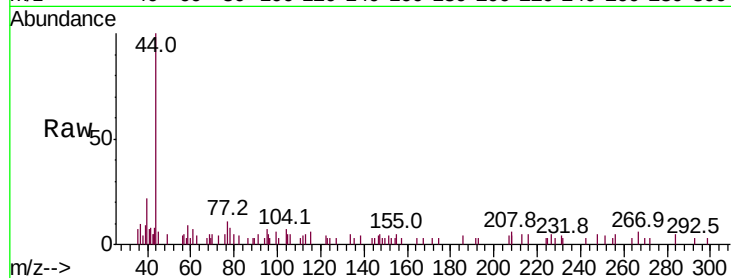
0428-HR-8(HACKENSACK)

Tot Ion: 76 Resp: 119

Ion Ratio Lower Upper

76 100

78 149.3 9.4 14.2#



#18

Methyl Acetate

Concen: 5641.552 ug/l

RT: 2.50 min Scan# 199

Delta R.T. 0.02 min

Lab File: VF062828.D

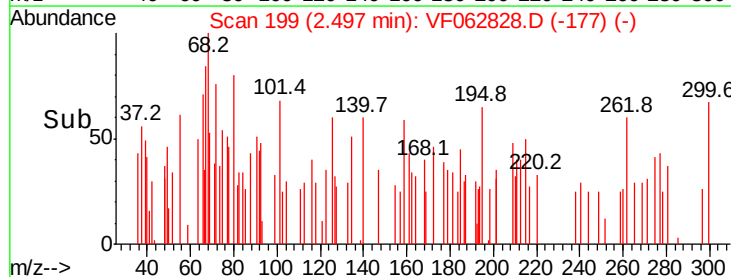
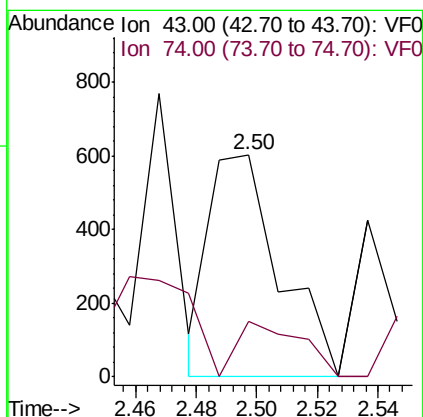
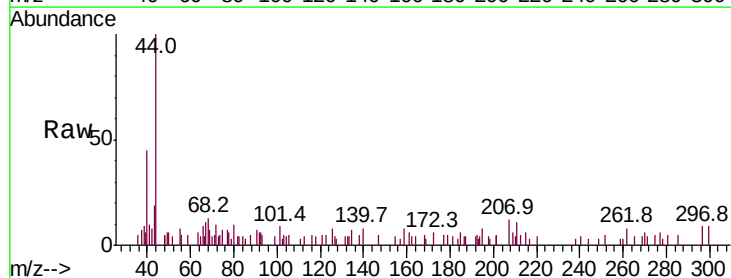
Acq: 3 Jun 2019 14:56

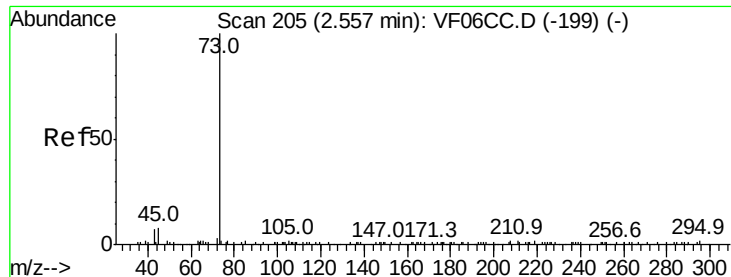
Tgt Ion: 43 Resp: 983

Ion Ratio Lower Upper

43 100

74 25.0 22.1 33.1

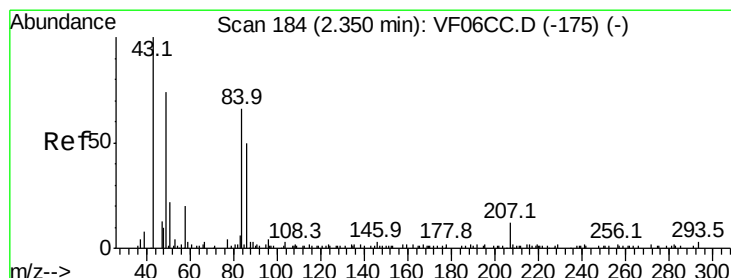
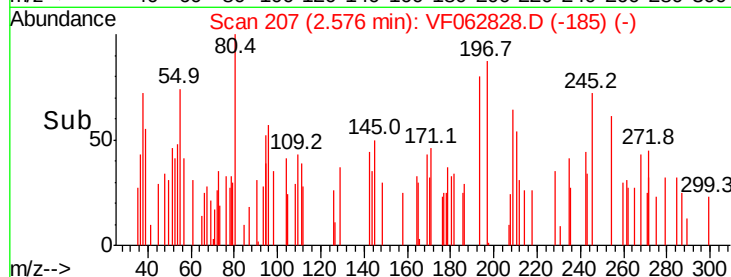
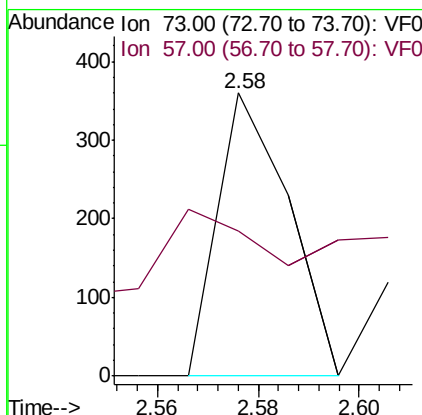
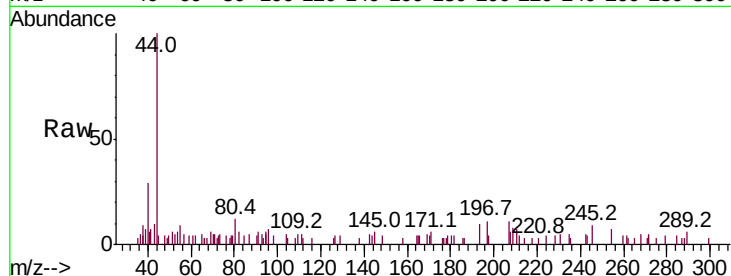




#19
Methyl tert-butyl Ether
Concen: 367.949 ug/l
RT: 2.58 min Scan# 207
Delta R.T. 0.02 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

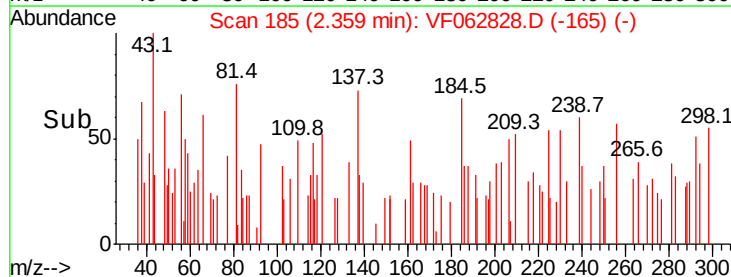
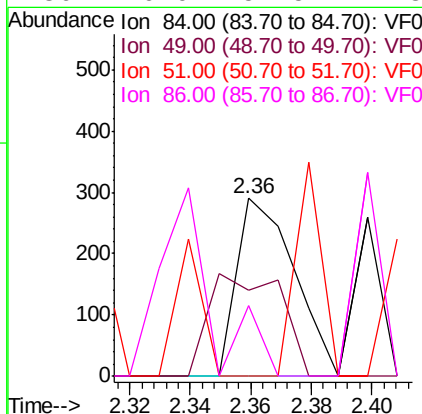
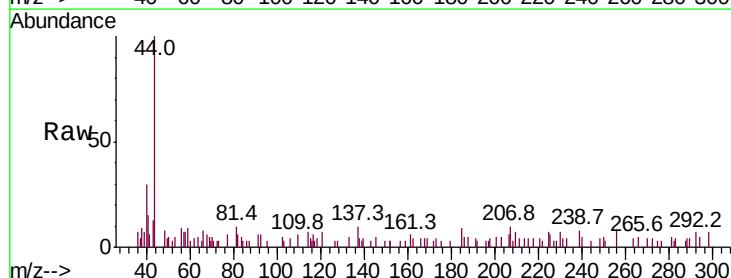
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

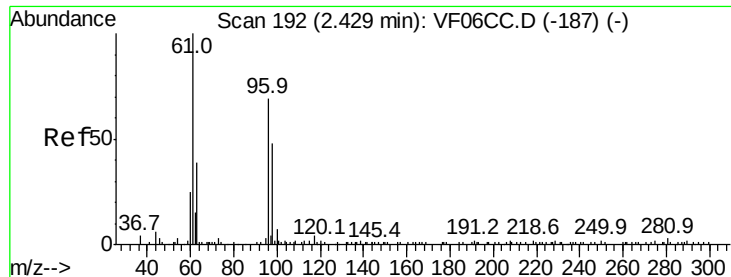
Tot Ion: 73 Resp: 349
Ion Ratio Lower Upper
73 100
57 51.1 15.1 22.7#



#20
Methylene Chloride
Concen: 812.601 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.00 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 48.6 82.6 123.8#
51 0.0 25.0 37.4#
86 40.0 51.5 77.3#





#21

trans-1,2-Dichloroethene

Concen: 653.431 ug/l

RT: 2.47 min Scan# 196

Delta R.T. 0.03 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

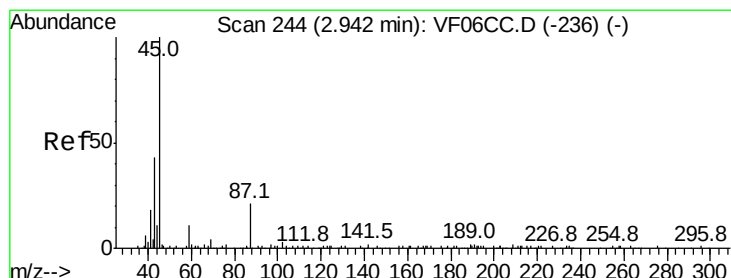
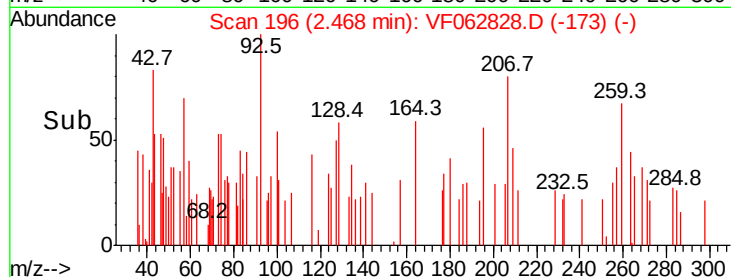
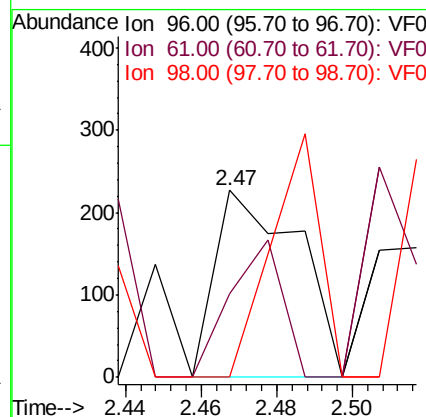
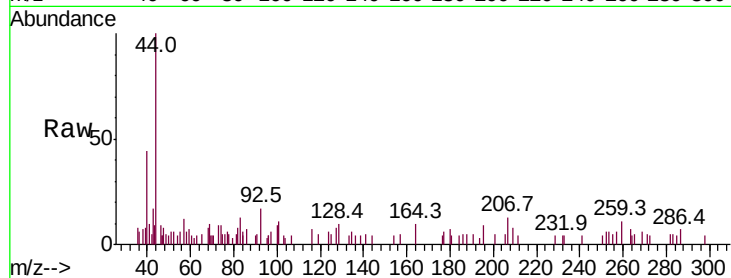
Tot Ion: 96 Resp: 343

Ion Ratio Lower Upper

96 100

61 44.9 105.0 157.6#

98 0.0 51.1 76.7#



#22

Diisopropyl ether

Concen: 493.101 ug/l

RT: 2.96 min Scan# 246

Delta R.T. 0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Tgt Ion: 45 Resp: 569

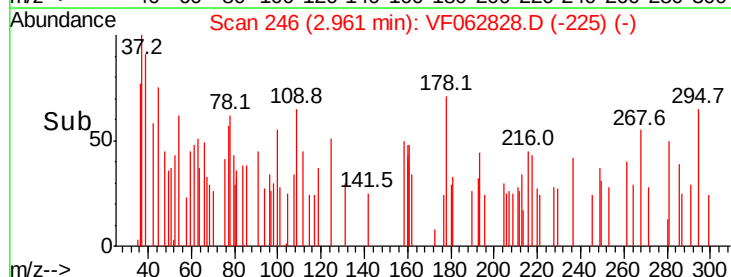
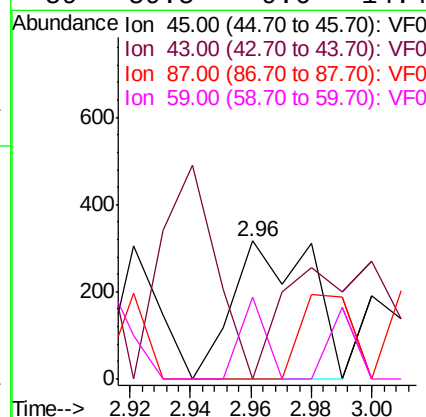
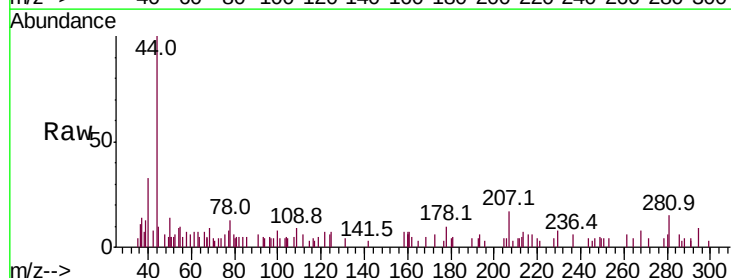
Ion Ratio Lower Upper

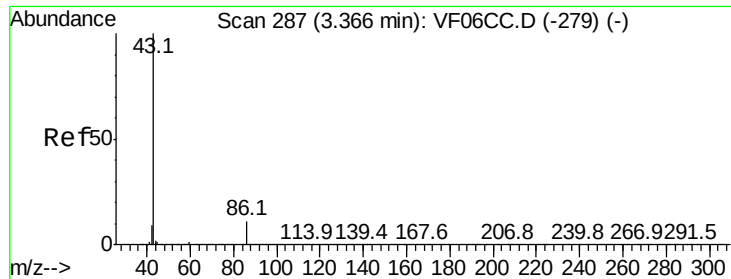
45 100

43 0.0 34.3 51.5#

87 0.0 19.0 28.4#

59 59.5 9.6 14.4#





#23

Vinyl Acetate

Concen: 649.381 ug/l

RT: 3.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

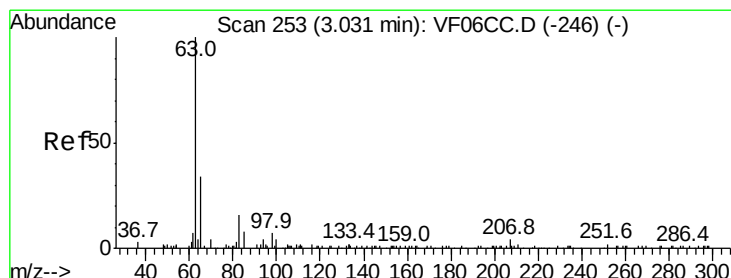
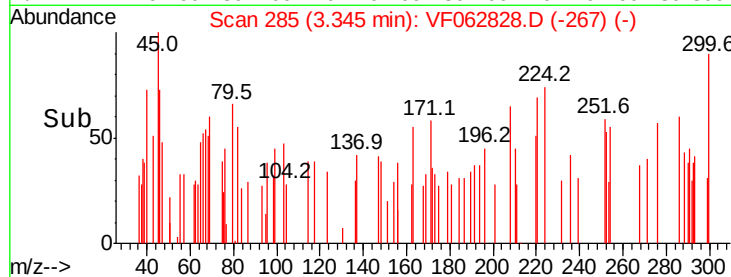
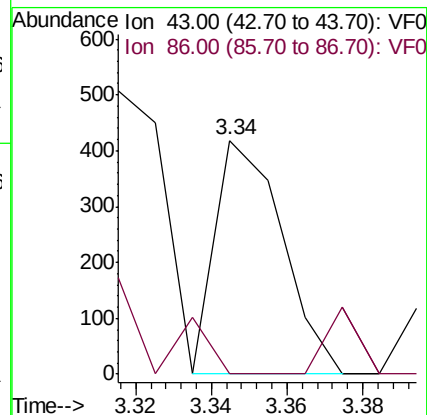
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

Tot Ion: 43 Resp: 513

Ion Ratio Lower Upper

43 100

86 26.6 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 235.617 ug/l

RT: 3.06 min Scan# 256

Delta R.T. 0.03 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

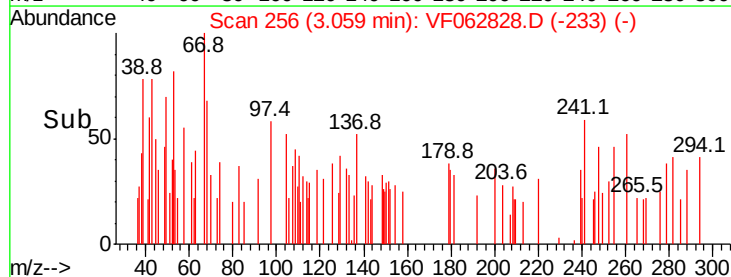
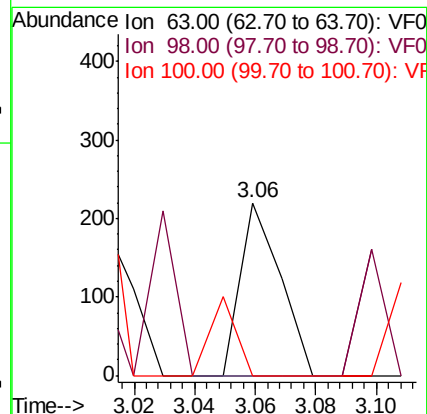
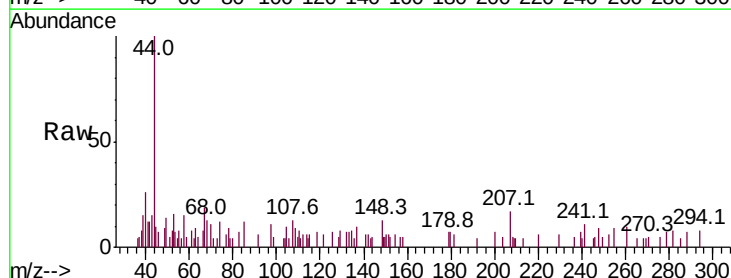
Tgt Ion: 63 Resp: 203

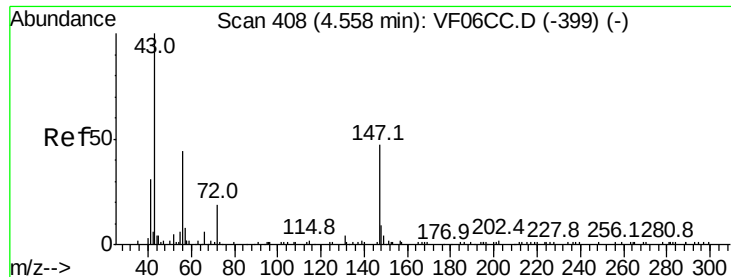
Ion Ratio Lower Upper

63 100

98 0.0 2.4 7.1#

100 0.0 1.5 4.5#

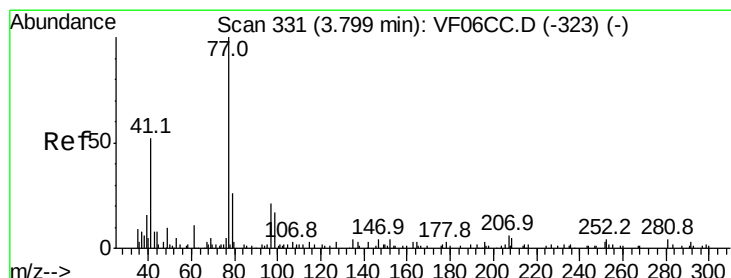
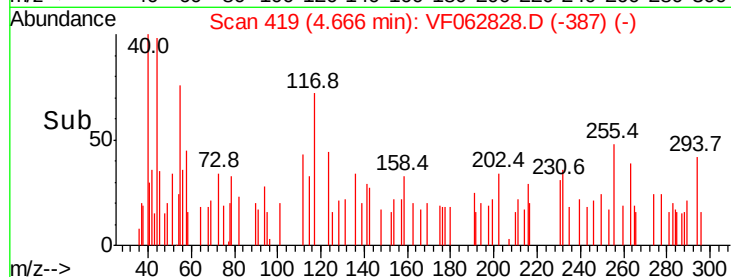
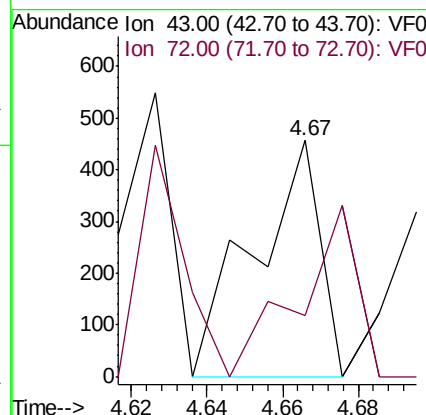
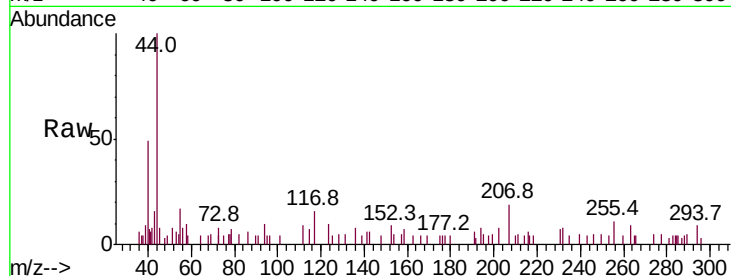




#25
2-Butanone
Concen: 2377.234 ug/l
RT: 4.67 min Scan# 419
Delta R.T. 0.12 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

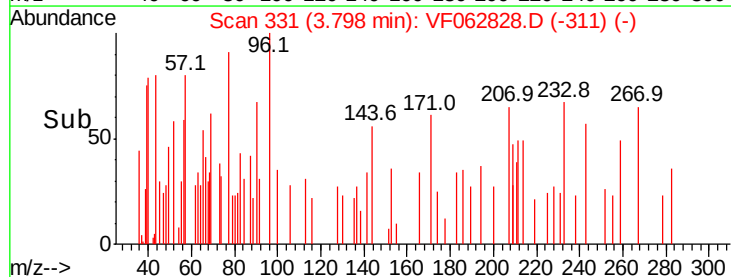
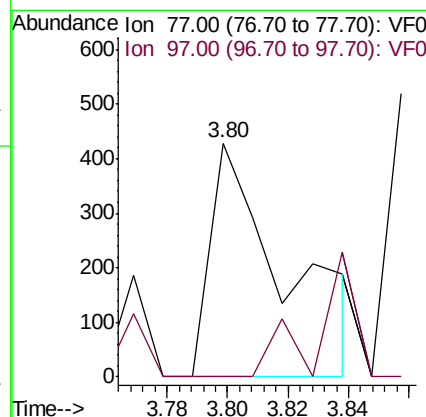
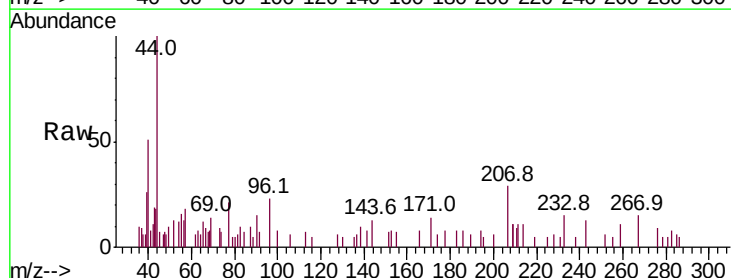
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

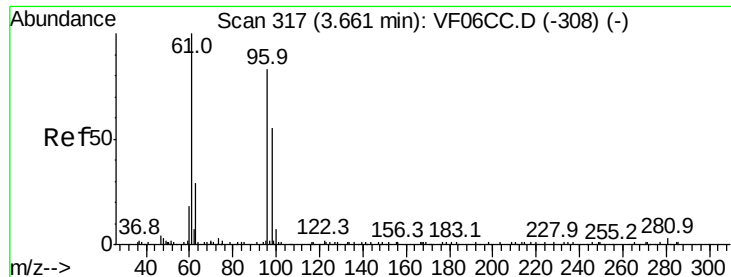
Tot Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
72 25.6 21.4 32.0



#26
2,2-Dichloropropane
Concen: 1510.632 ug/l
RT: 3.80 min Scan# 331
Delta R.T. -0.00 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 77 Resp: 739
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



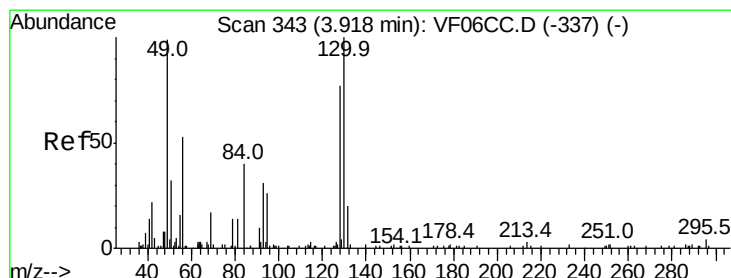
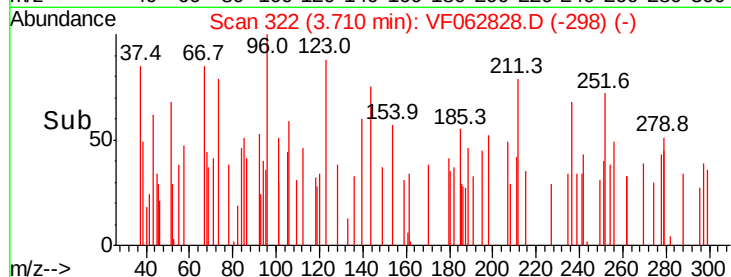
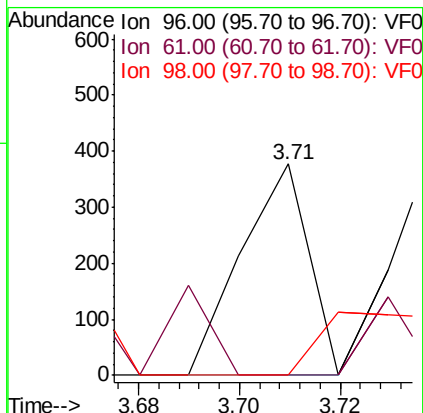
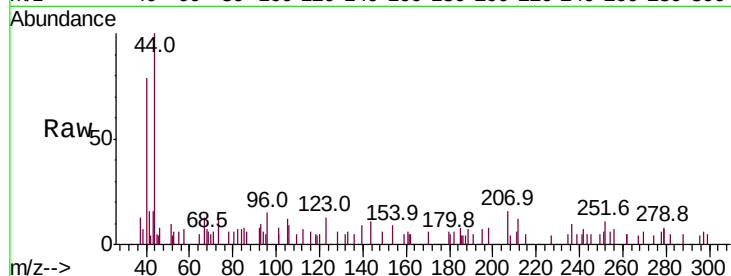


#27

cis-1,2-Dichloroethene
Concen: 394.395 ug/l
RT: 3.71 min Scan# 322
Delta R.T. 0.04 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

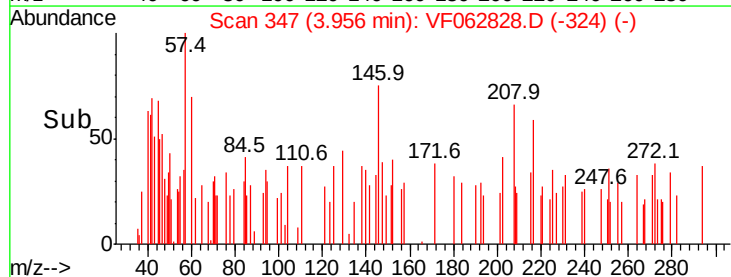
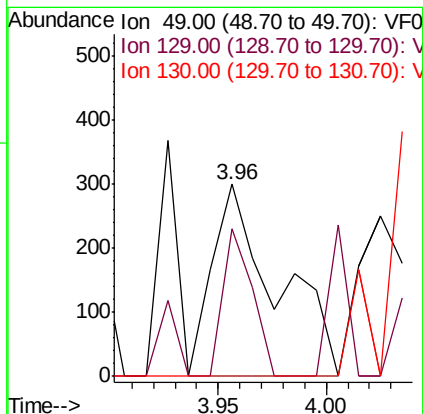
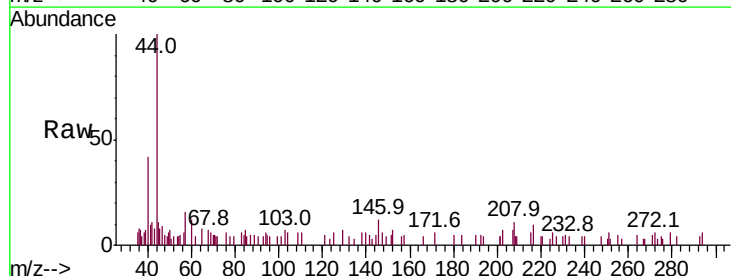
Tot Ion: 96 Resp: 348
Ion Ratio Lower Upper
96 100
61 0.0 0.0 213.8
98 0.0 0.0 127.0

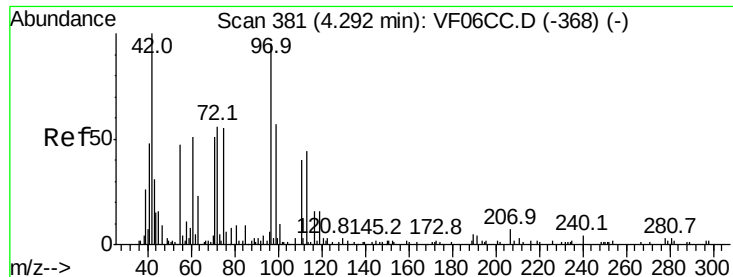


#28

Bromochloromethane
Concen: 1320.820 ug/l
RT: 3.96 min Scan# 347
Delta R.T. 0.03 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 49 Resp: 619
Ion Ratio Lower Upper
49 100
129 76.9 0.0 5.4#
130 0.0 79.2 118.8#





#29

Tetrahydrofuran

Concen: 4875.522 ug/l

RT: 4.27 min Scan# 379

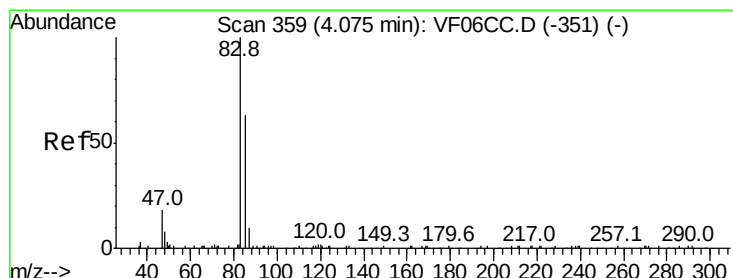
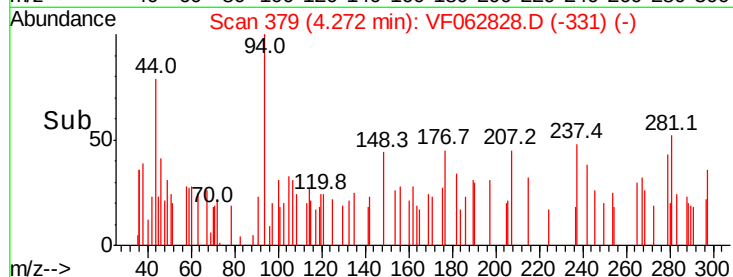
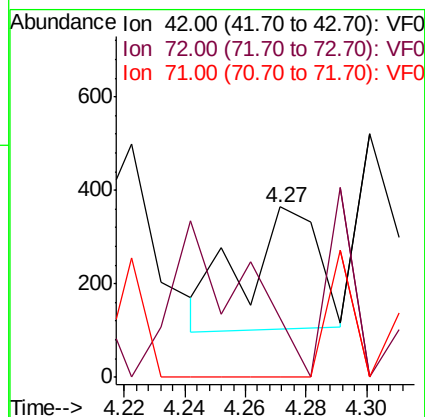
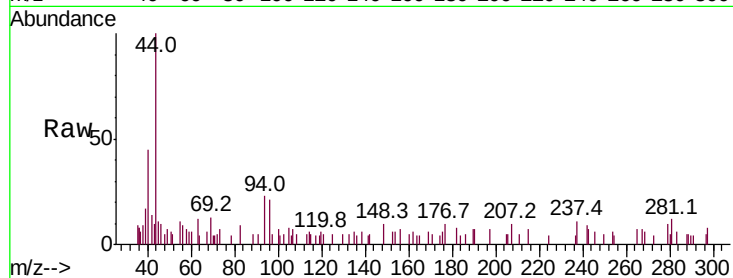
Delta R.T. -0.02 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

Tot Ion:	42	Resp:	433
Ion	Ratio	Lower	Upper
42	100		
72	69.3	39.0	58.6#
71	37.2	36.9	55.3



#30

Chloroform

Concen: 161.415 ug/l

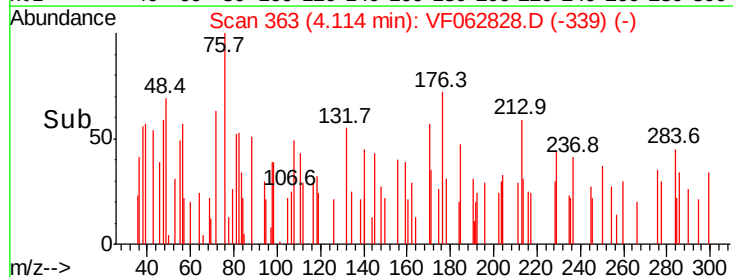
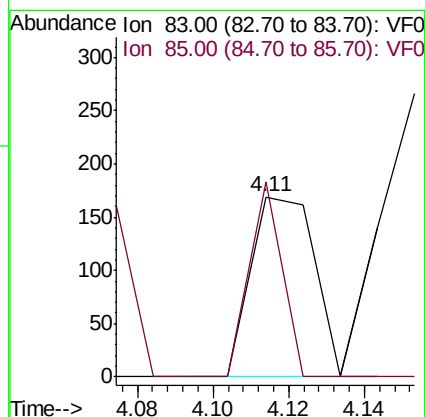
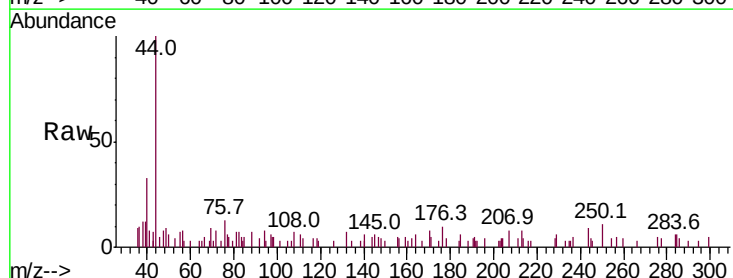
RT: 4.11 min Scan# 363

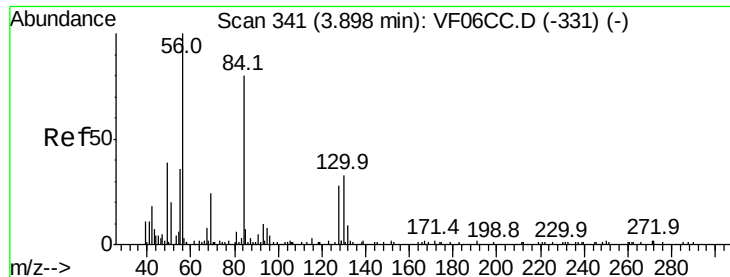
Delta R.T. 0.04 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Tgt Ion:	83	Resp:	196
Ion	Ratio	Lower	Upper
83	100		
85	108.3	55.0	82.6#

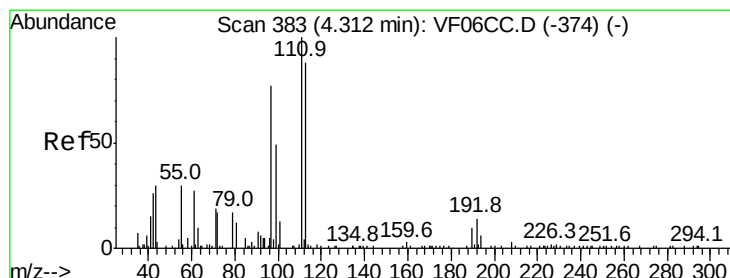
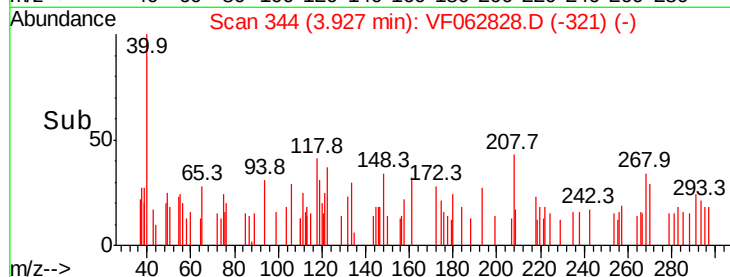
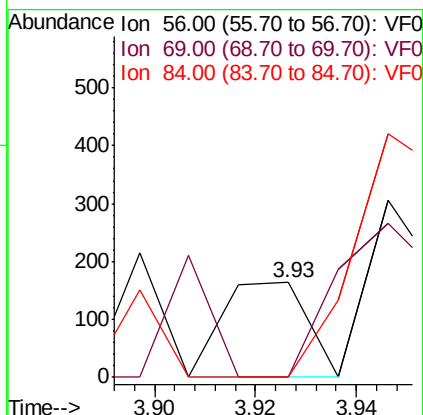
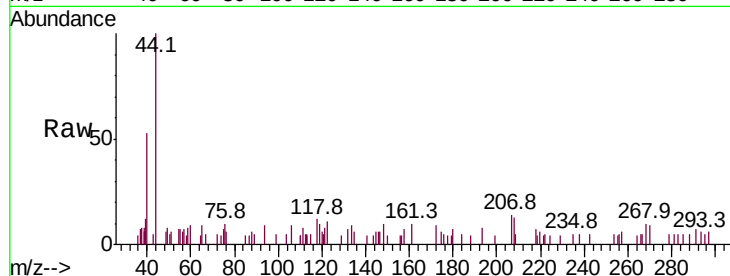




#31
Cyclohexane
Concen: 164.604 ug/l
RT: 3.93 min Scan# 344
Delta R.T. 0.03 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

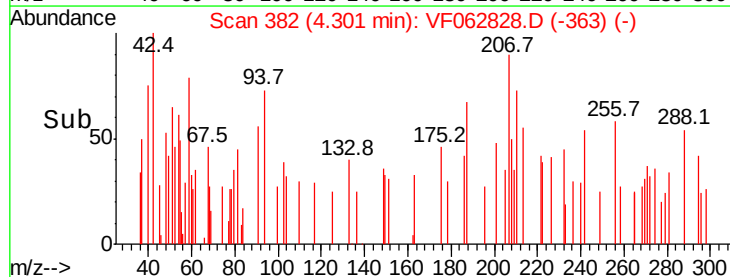
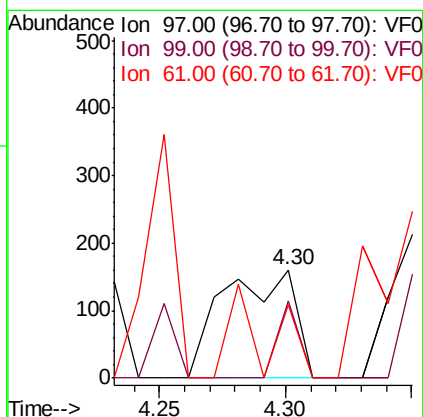
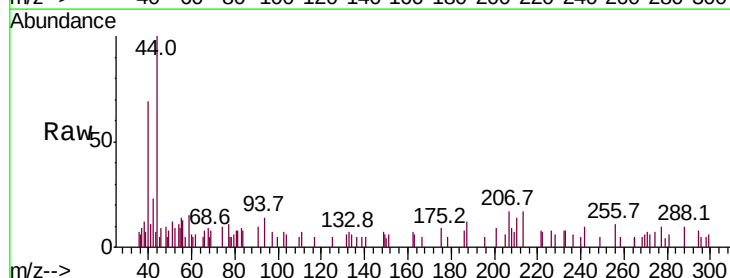
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

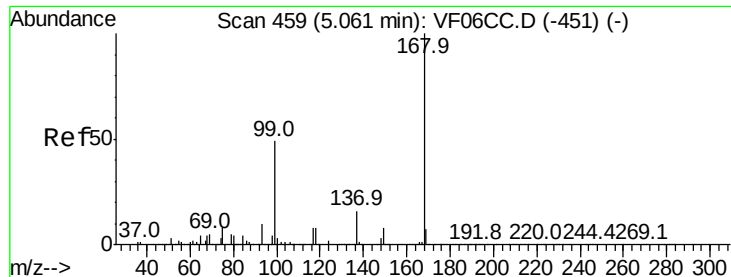
Tot Ion: 56 Resp: 192
Ion Ratio Lower Upper
56 100
69 0.0 26.7 40.1#
84 0.0 74.3 111.5#



#32
1,1,1-Trichloroethane
Concen: 451.216 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 97 Resp: 319
Ion Ratio Lower Upper
97 100
99 71.3 51.7 77.5
61 68.1 38.9 58.3#

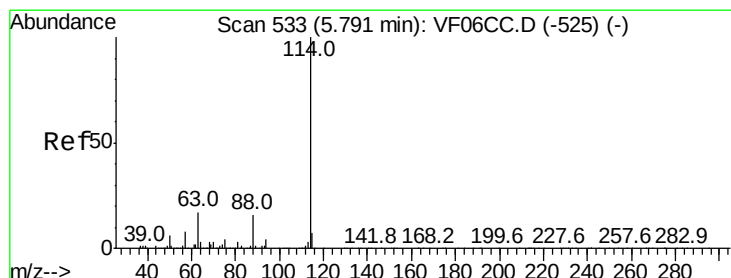
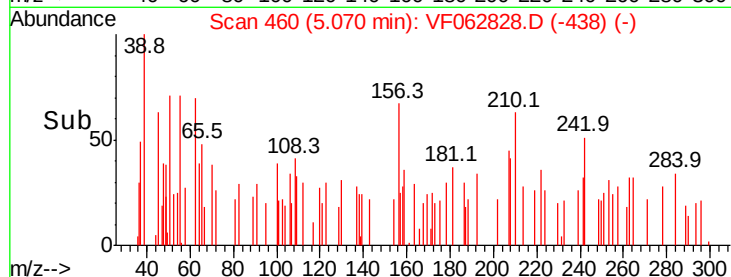
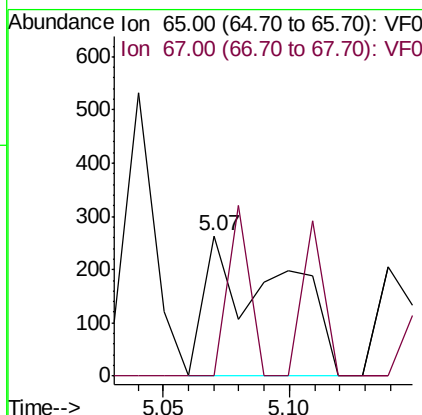
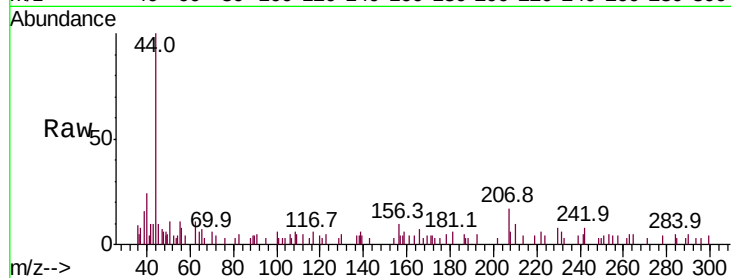




#33
 1,2-Dichloroethane-d4
 Concen: 1267.075 ug/l
 RT: 5.07 min Scan# 460
 Delta R.T. 0.02 min
 Lab File: VF062828.D
 Acq: 3 Jun 2019 14:56

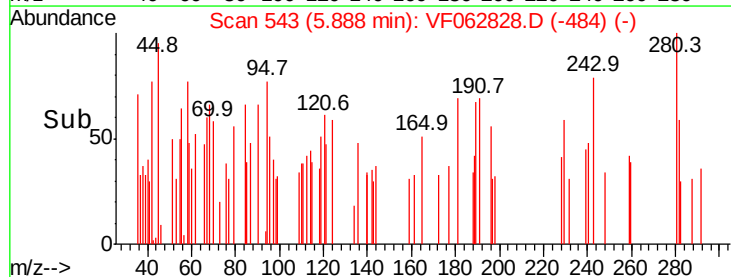
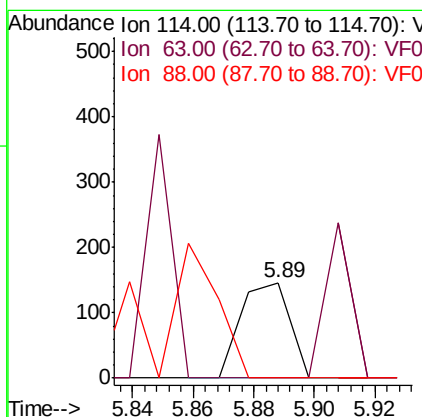
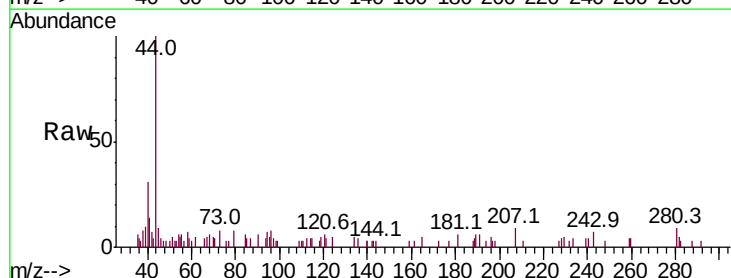
Instrument :
 MSVOA_F
 ClientSampleId :
 0428-HR-8(HACKENSACK)

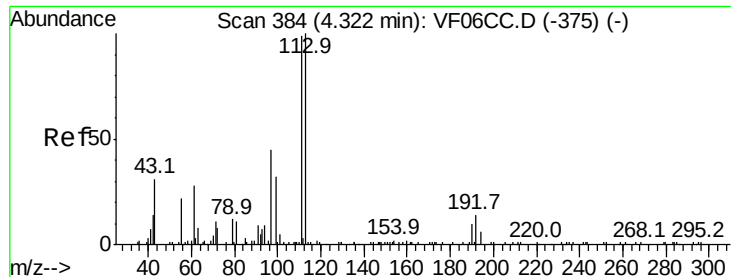
Tot Ion: 65 Resp: 552
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 543
 Delta R.T. 0.09 min
 Lab File: VF062828.D
 Acq: 3 Jun 2019 14:56

Tgt Ion: 114 Resp: 165
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 34.2
 88 0.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 213.342 ug/l

RT: 4.40 min Scan# 392

Delta R.T. 0.07 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

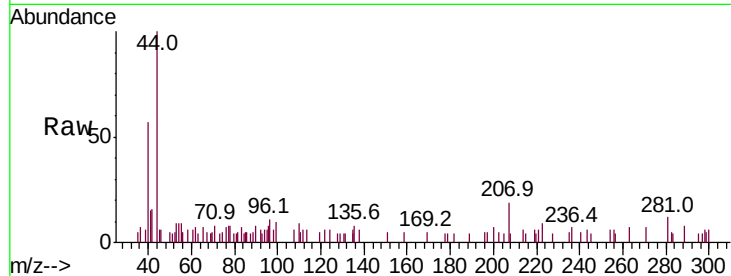
Tot Ion:113 Resp: 266

Ion Ratio Lower Upper

113 100

111 97.6 81.9 122.9

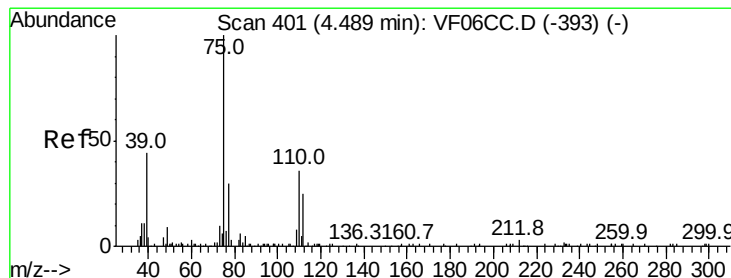
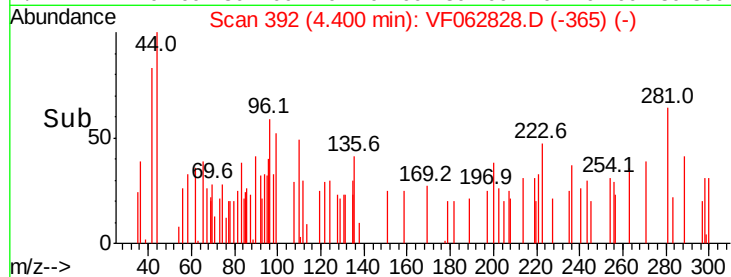
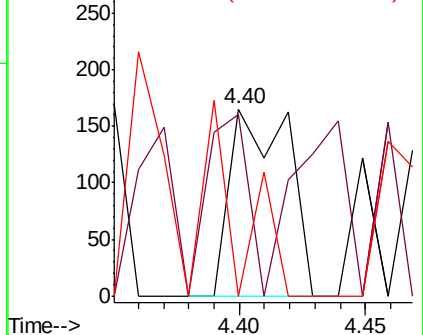
192 0.0 15.1 22.7#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 137.593 ug/l

RT: 4.57 min Scan# 409

Delta R.T. 0.07 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

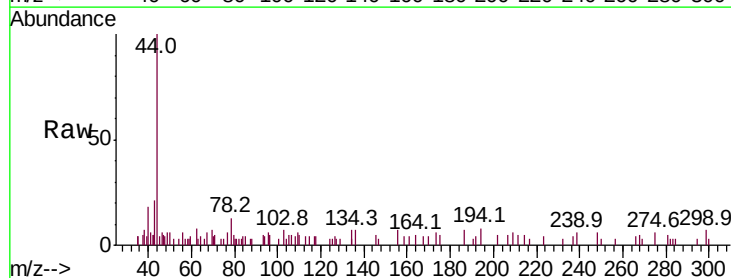
Tgt Ion: 75 Resp: 209

Ion Ratio Lower Upper

75 100

110 135.9 19.4 58.1#

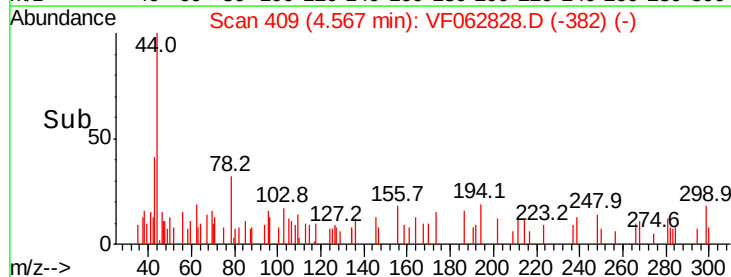
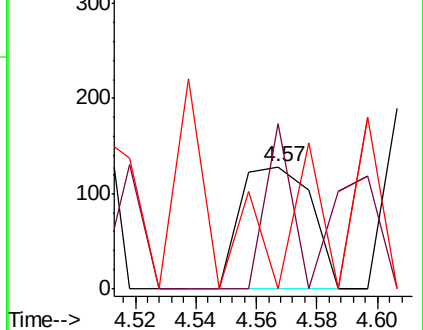
77 0.0 25.4 38.2#

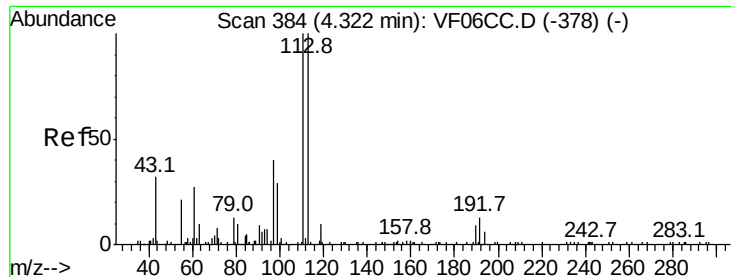


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

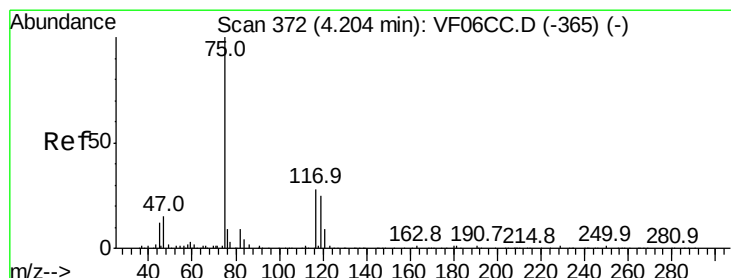
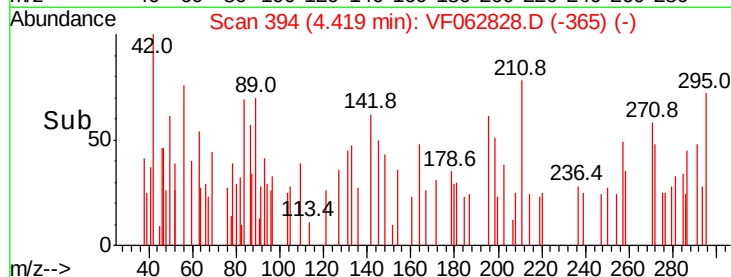
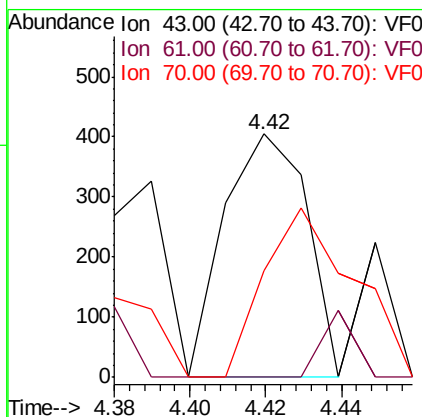
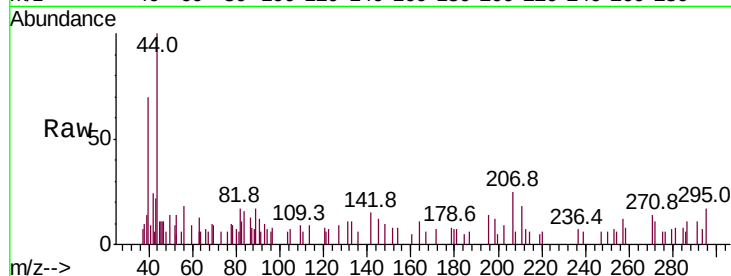




#37
Ethyl Acetate
Concen: 1052.268 ug/l
RT: 4.42 min Scan# 394
Delta R.T. 0.09 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

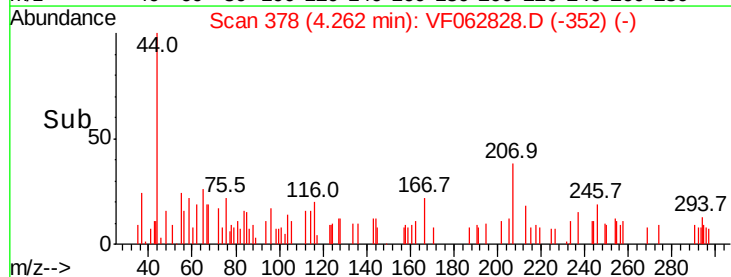
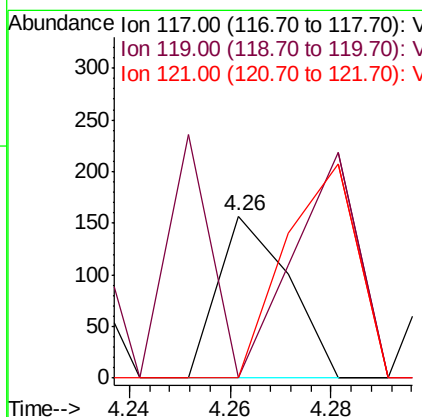
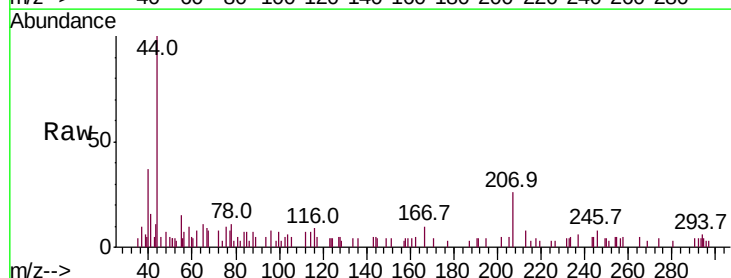
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

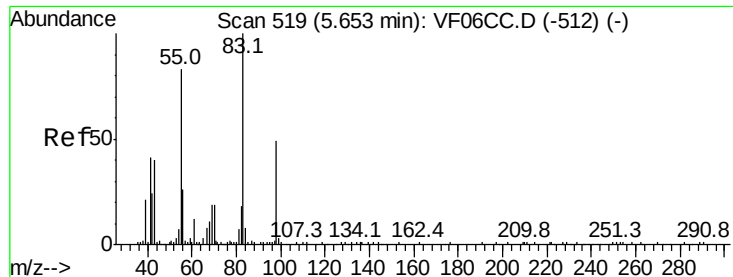
Tot Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
61 0.0 59.1 88.7#
70 43.7 10.1 15.1#



#38
Carbon Tetrachloride
Concen: 149.038 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.06 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 117 Resp: 153
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 28.2 42.2#

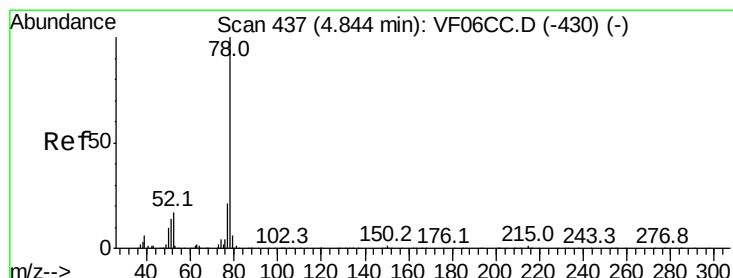
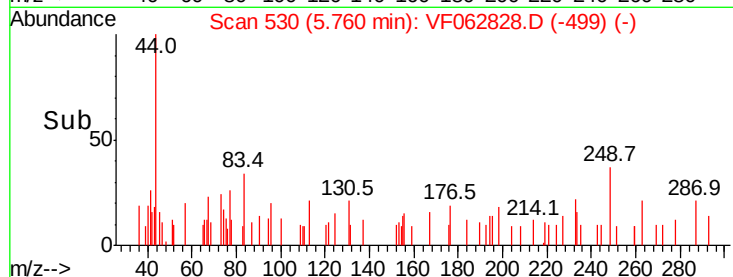
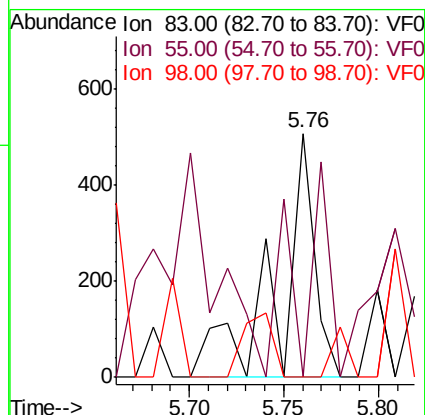
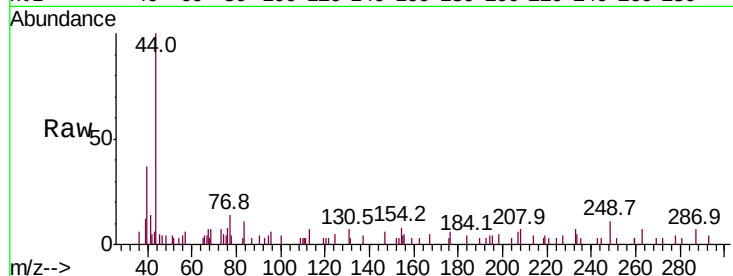




#39
Methylcyclohexane
Concen: 352.815 ug/l
RT: 5.76 min Scan# 530
Delta R.T. 0.11 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

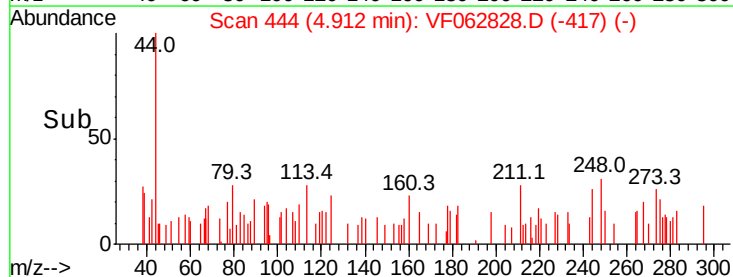
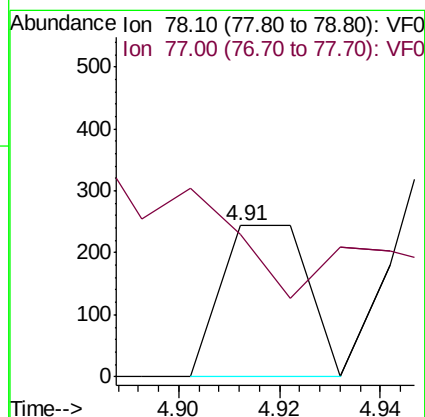
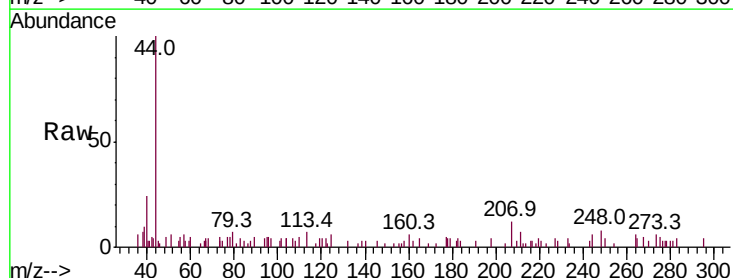
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

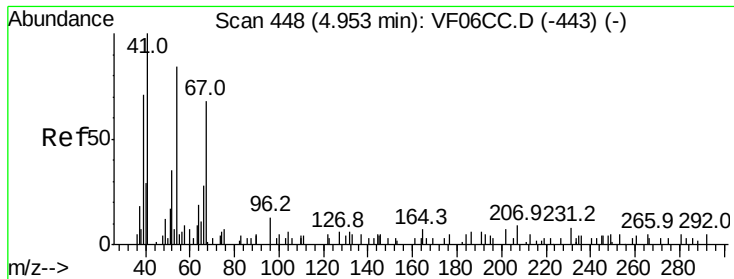
Tot Ion: 83 Resp: 667
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.0 37.4 56.2#



#40
Benzene
Concen: 65.373 ug/l
RT: 4.91 min Scan# 444
Delta R.T. 0.07 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 78 Resp: 289
Ion Ratio Lower Upper
78 100
77 93.9 18.9 28.3#





#41

Methacrylonitrile

Concen: 3928.179 ug/l

RT: 5.01 min Scan# 454

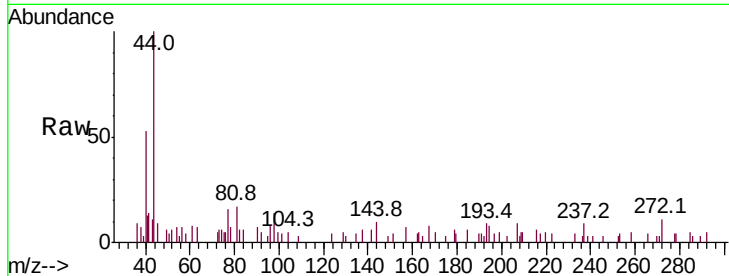
Delta R.T. 0.06 min

Lab File: VF062828.D

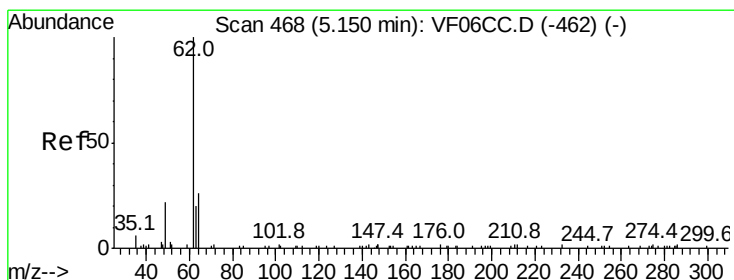
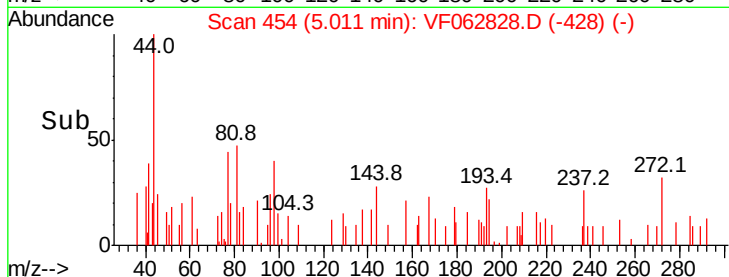
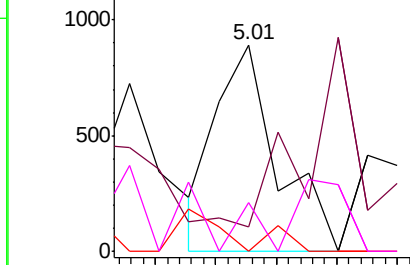
Acq: 3 Jun 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

Tot Ion:	41	Resp:	1268
Ion	Ratio	Lower	Upper
41	100		
39	11.5	42.0	63.0#
67	0.0	61.4	92.0#
52	23.7	42.1	63.1#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 227.165 ug/l

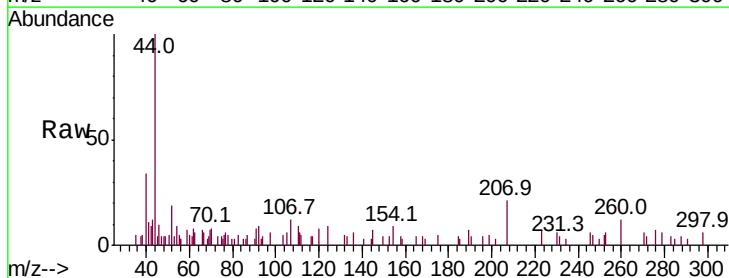
RT: 5.23 min Scan# 476

Delta R.T. 0.08 min

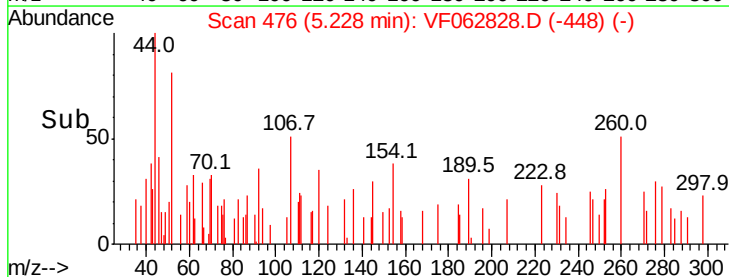
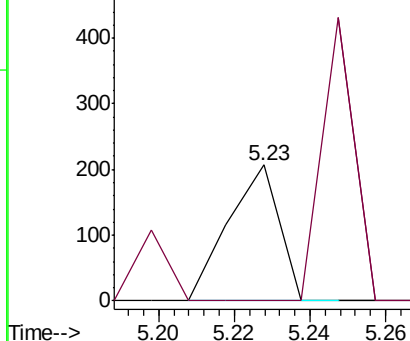
Lab File: VF062828.D

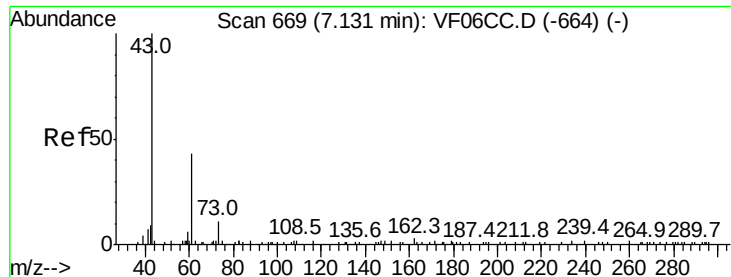
Acq: 3 Jun 2019 14:56

Tgt Ion:	62	Resp:	191
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	24.0



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 1140.741 ug/l

RT: 7.26 min Scan# 682

Delta R.T. 0.12 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

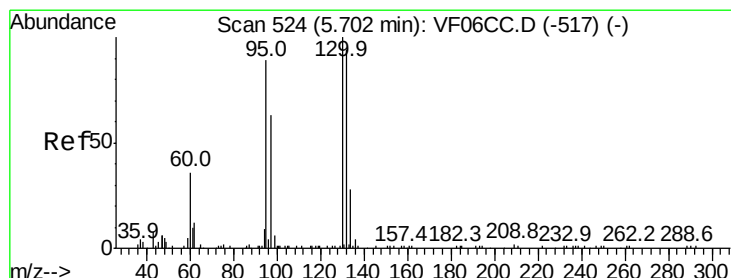
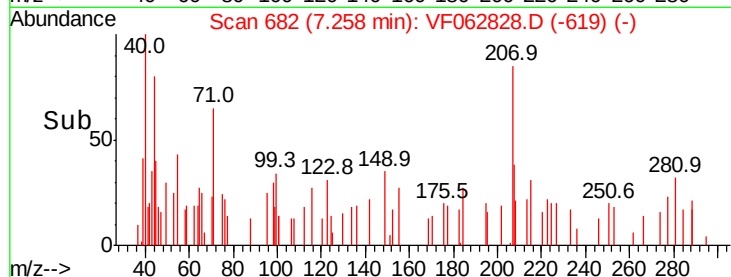
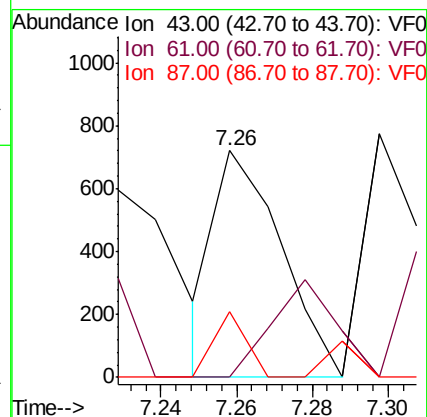
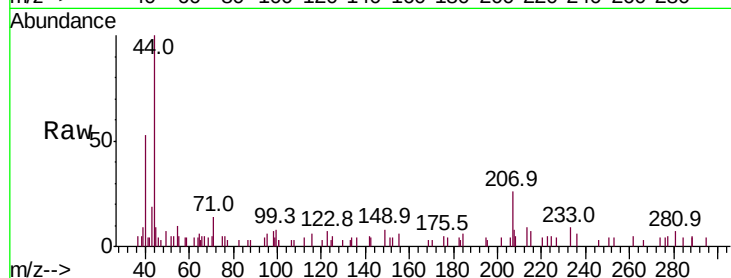
Tot Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

61 0.0 29.8 44.6#

87 29.3 0.3 0.5#



#44

Trichloroethene

Concen: 92.174 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.10 min

Lab File: VF062828.D

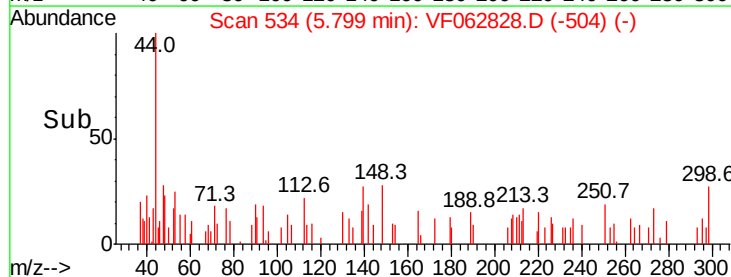
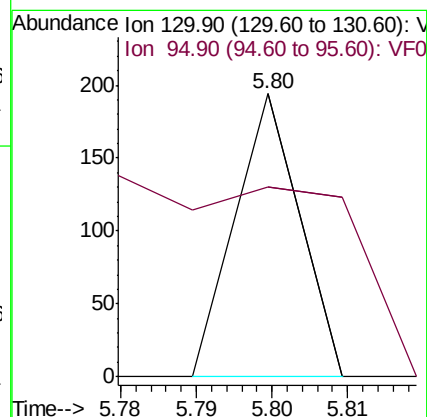
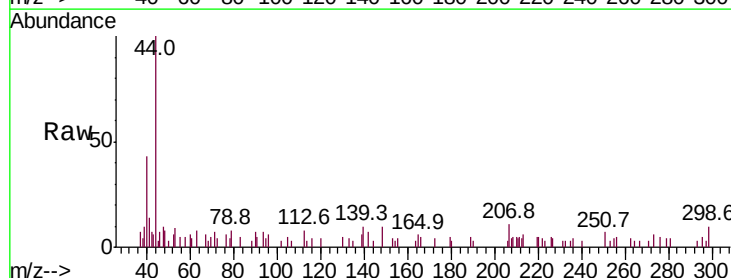
Acq: 3 Jun 2019 14:56

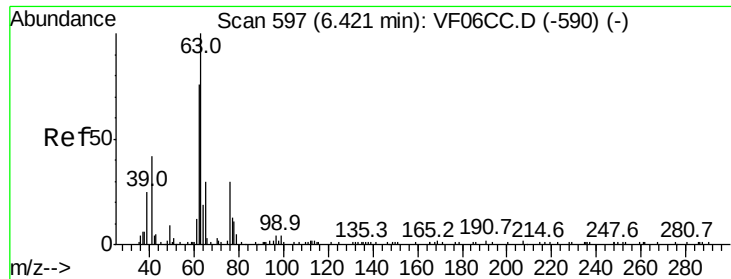
Tgt Ion:130 Resp: 115

Ion Ratio Lower Upper

130 100

95 67.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 714.816 ug/l

RT: 6.44 min Scan# 599

Delta R.T. 0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

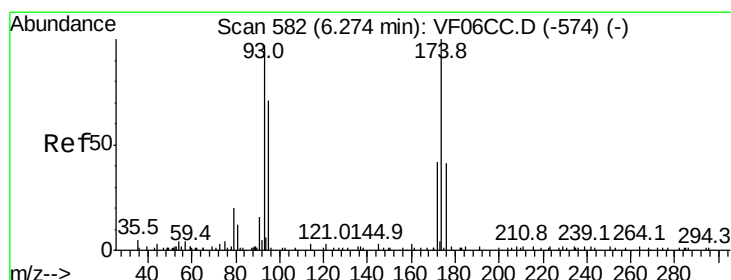
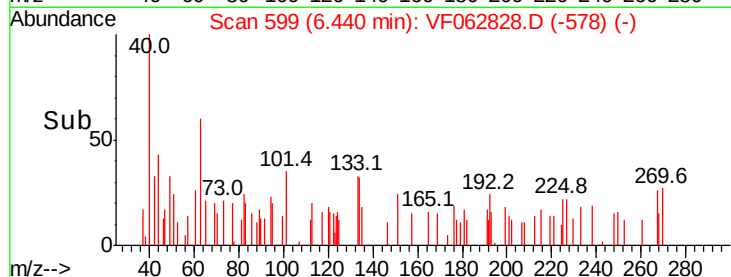
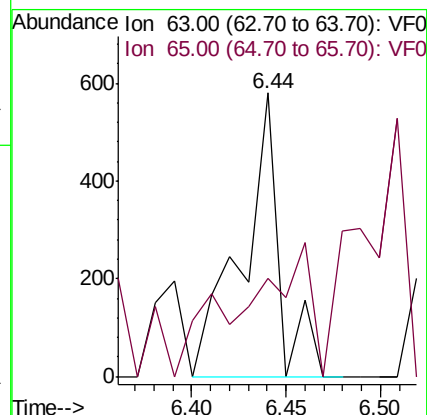
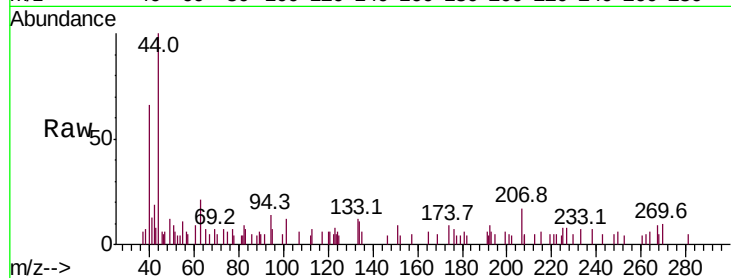
0428-HR-8(HACKENSACK)

Tot Ion: 63 Resp: 793

Ion Ratio Lower Upper

63 100

65 34.7 24.2 36.2



#46

Dibromomethane

Concen: 409.139 ug/l

RT: 6.34 min Scan# 589

Delta R.T. 0.06 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

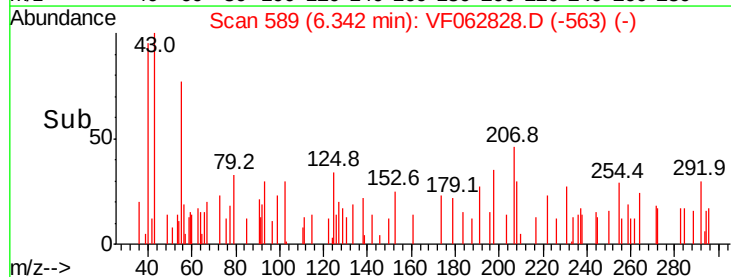
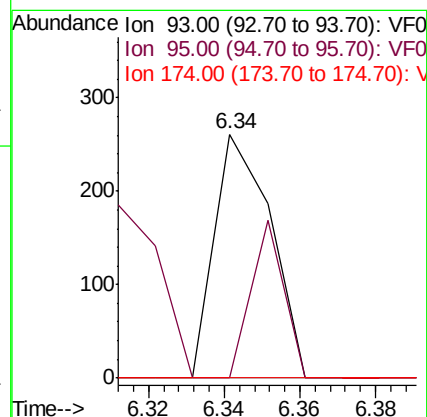
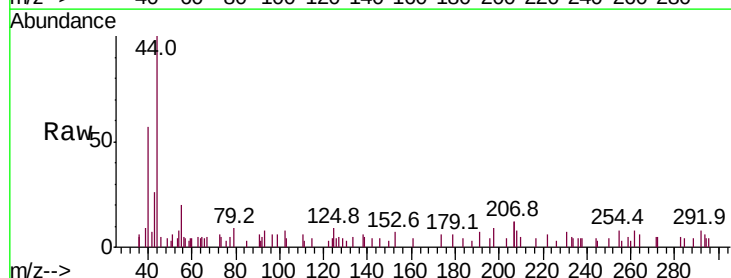
Tgt Ion: 93 Resp: 265

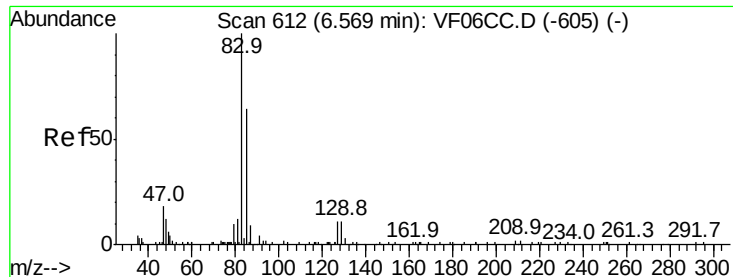
Ion Ratio Lower Upper

93 100

95 0.0 67.9 101.9#

174 0.0 85.0 127.4#





#47

Bromodichloromethane

Concen: 121.296 ug/l

RT: 6.69 min Scan# 624

Delta R.T. 0.11 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

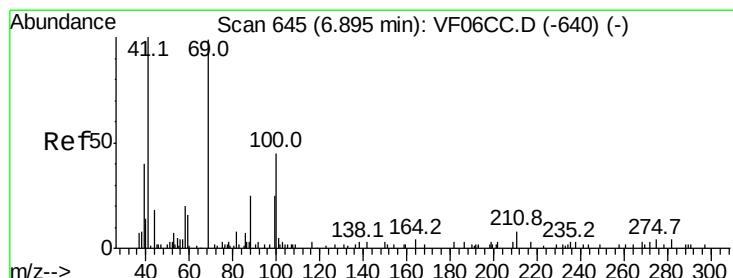
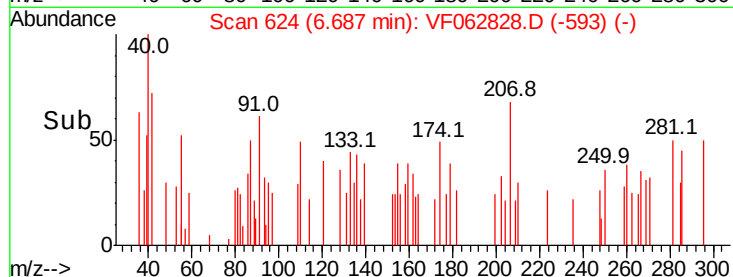
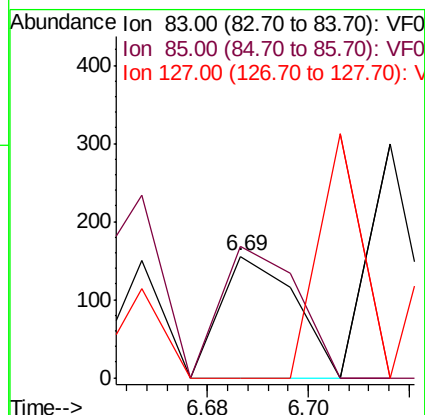
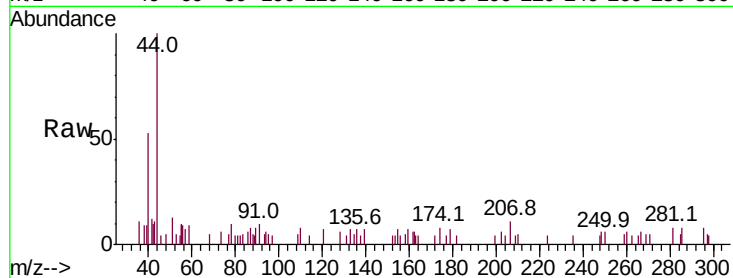
Tot Ion: 83 Resp: 160

Ion Ratio Lower Upper

83 100

85 108.4 54.2 81.4#

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 1510.215 ug/l

RT: 6.98 min Scan# 654

Delta R.T. 0.09 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

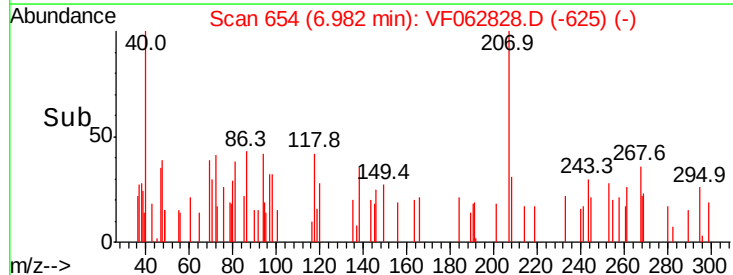
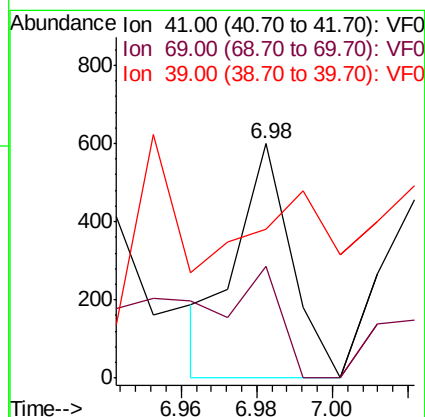
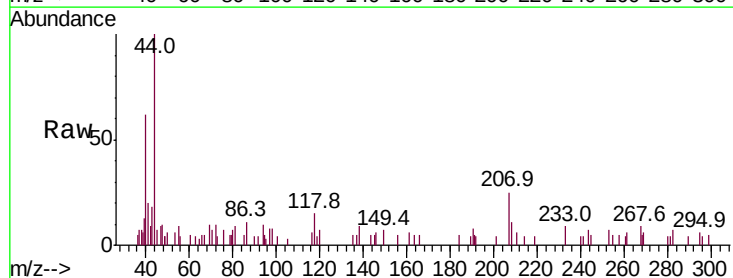
Tgt Ion: 41 Resp: 597

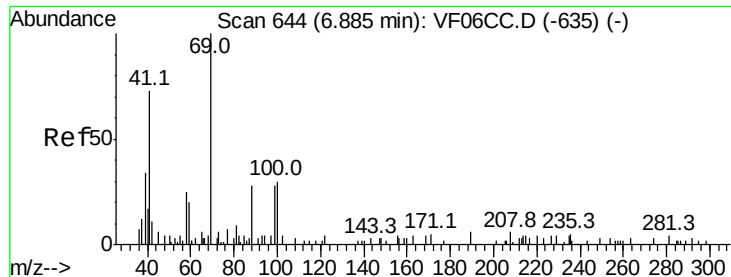
Ion Ratio Lower Upper

41 100

69 47.8 79.4 119.2#

39 63.7 39.8 59.6#





#49

1,4-Dioxane

Concen: 31858.106 ug/l

RT: 7.00 min Scan# 656

Delta R.T. 0.12 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

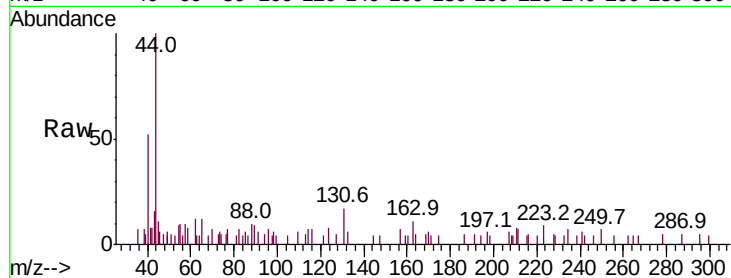
Tot Ion: 88 Resp: 166

Ion Ratio Lower Upper

88 100

43 163.9 34.8 52.2#

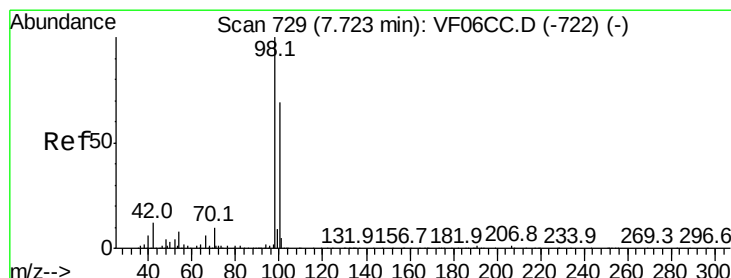
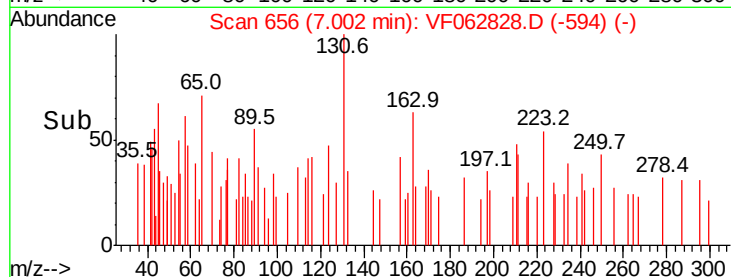
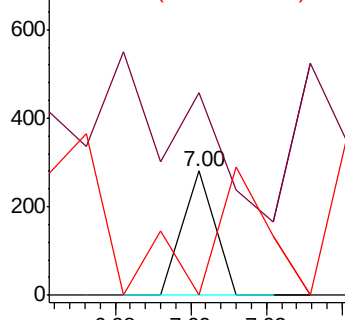
58 0.0 59.9 89.9#



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 88.489 ug/l

RT: 7.77 min Scan# 734

Delta R.T. 0.04 min

Lab File: VF062828.D

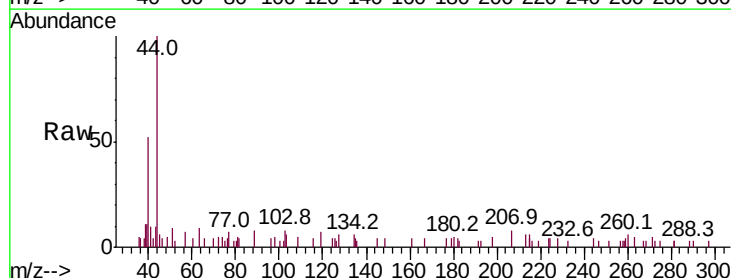
Acq: 3 Jun 2019 14:56

Tgt Ion: 98 Resp: 279

Ion Ratio Lower Upper

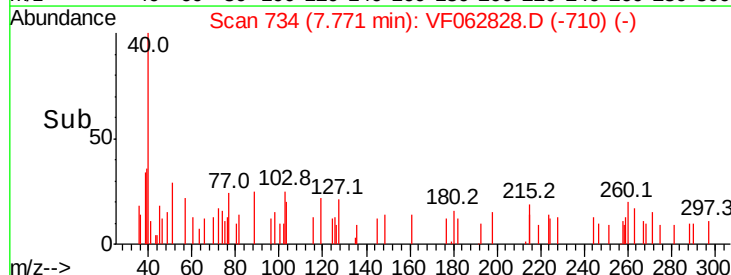
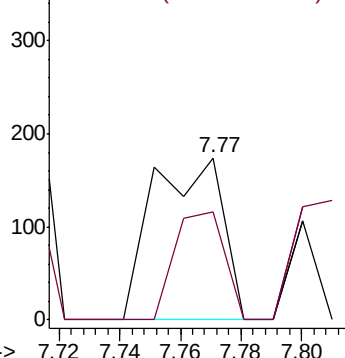
98 100

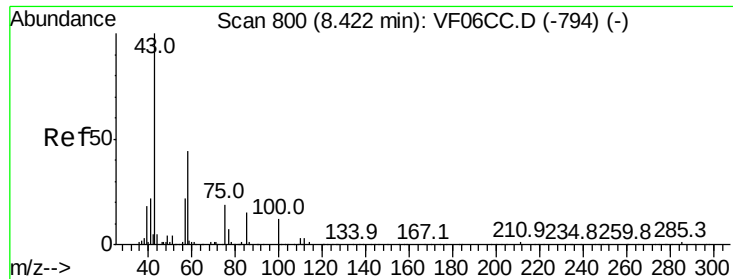
100 66.7 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 2089.023 ug/l

RT: 8.46 min Scan# 804

Delta R.T. 0.04 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

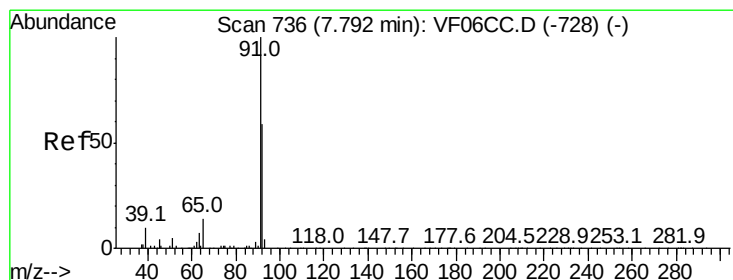
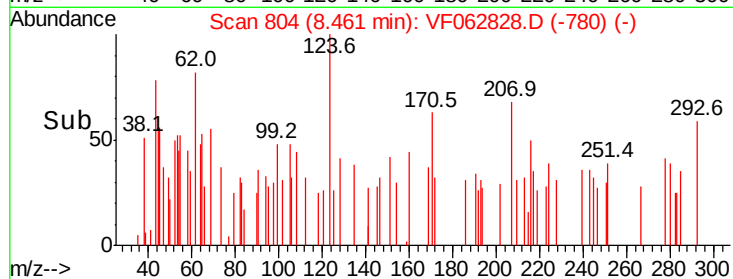
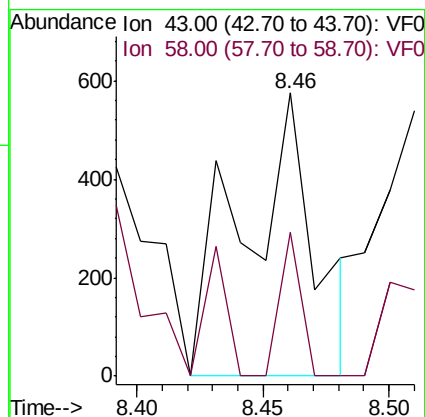
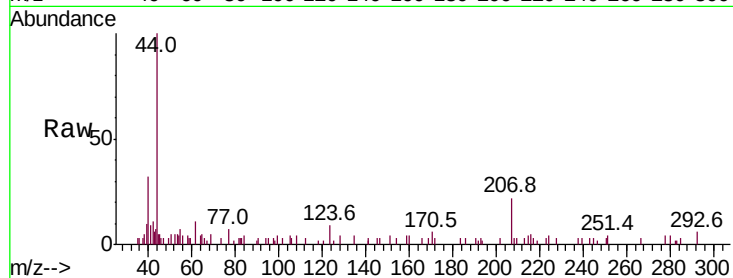
0428-HR-8(HACKENSACK)

Tot Ion: 43 Resp: 1144

Ion Ratio Lower Upper

43 100

58 51.0 35.5 53.3



#52

Toluene

Concen: 24.779 ug/l

RT: 7.91 min Scan# 748

Delta R.T. 0.11 min

Lab File: VF062828.D

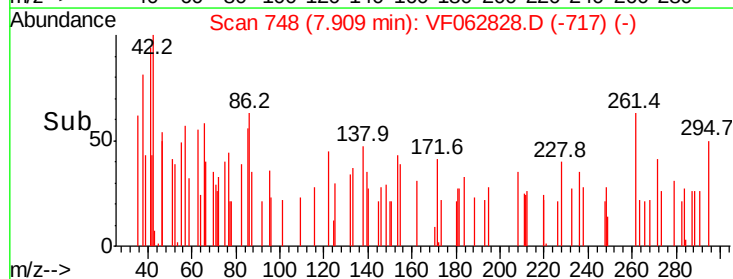
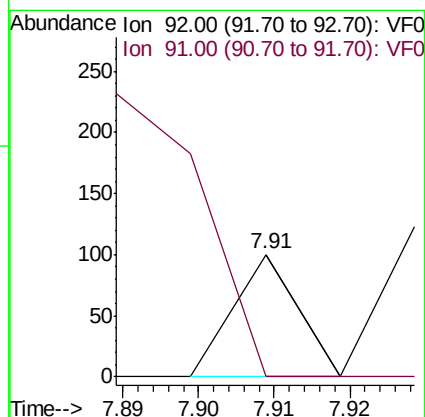
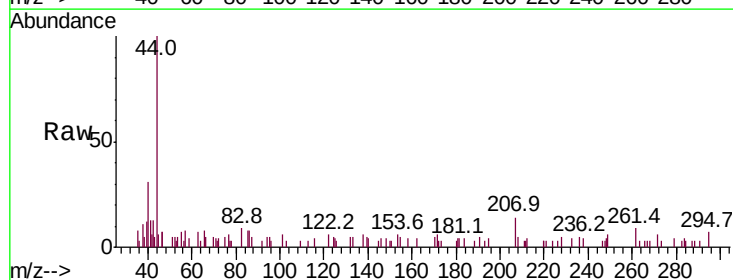
Acq: 3 Jun 2019 14:56

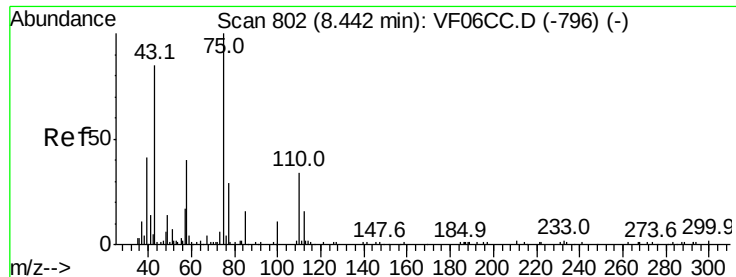
Tgt Ion: 92 Resp: 59

Ion Ratio Lower Upper

92 100

91 0.0 123.2 184.8#

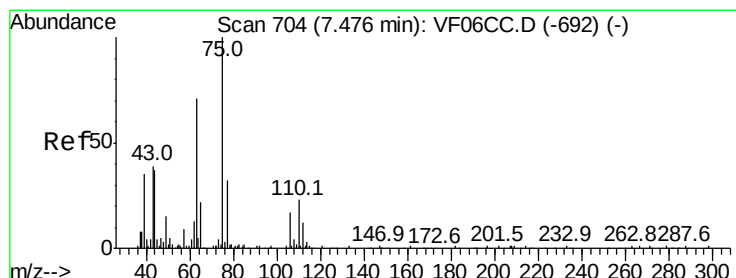
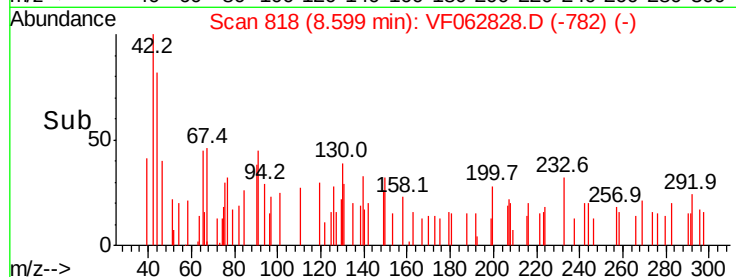
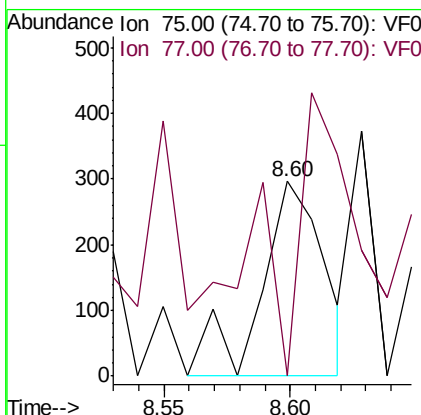
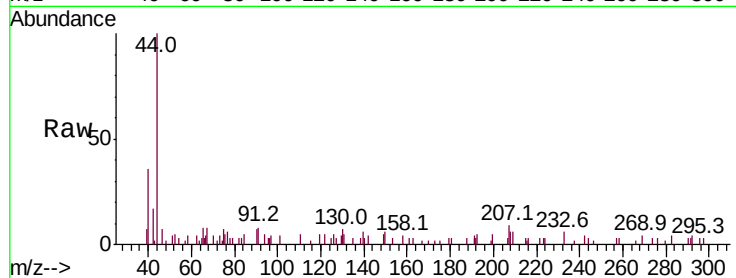




#53
 t-1,3-Dichloropropene
 Concen: 473.900 ug/l
 RT: 8.60 min Scan# 818
 Delta R.T. 0.15 min
 Lab File: VF062828.D
 Acq: 3 Jun 2019 14:56

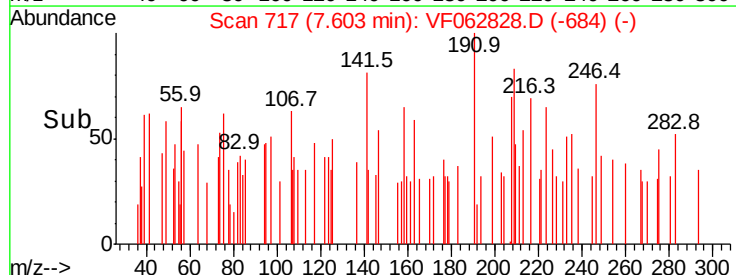
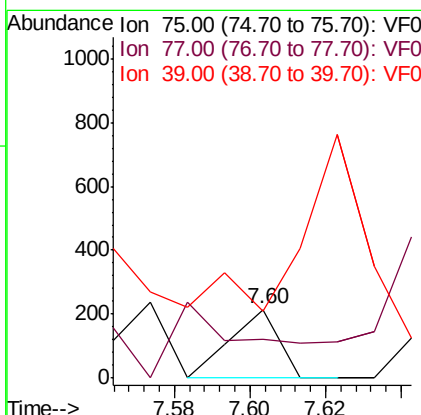
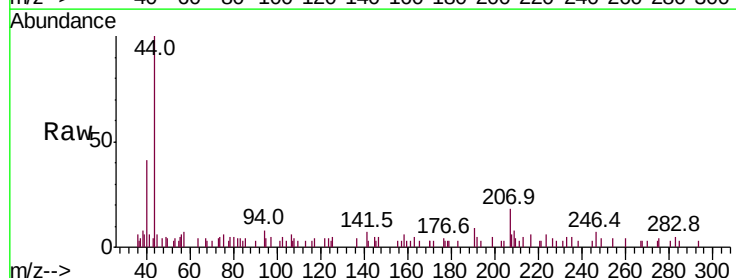
Instrument :
 MSVOA_F
 ClientSampleId :
 0428-HR-8(HACKENSACK)

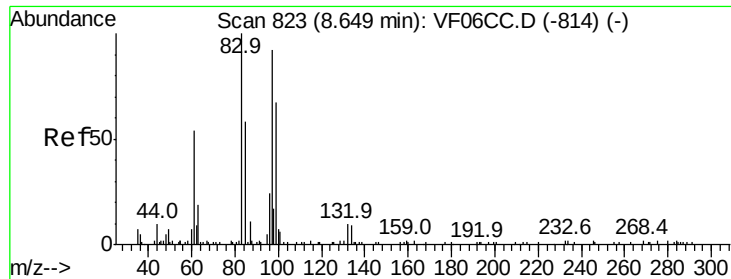
Tot Ion: 75 Resp: 518
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 118.820 ug/l
 RT: 7.60 min Scan# 717
 Delta R.T. 0.12 min
 Lab File: VF062828.D
 Acq: 3 Jun 2019 14:56

Tgt Ion: 75 Resp: 188
 Ion Ratio Lower Upper
 75 100
 77 56.5 25.8 38.8#
 39 98.6 28.4 42.6#





#55

1,1,2-Trichloroethane

Concen: 598.866 ug/l

RT: 8.76 min Scan# 834

Delta R.T. 0.11 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

Tot Ion: 97 Resp: 426

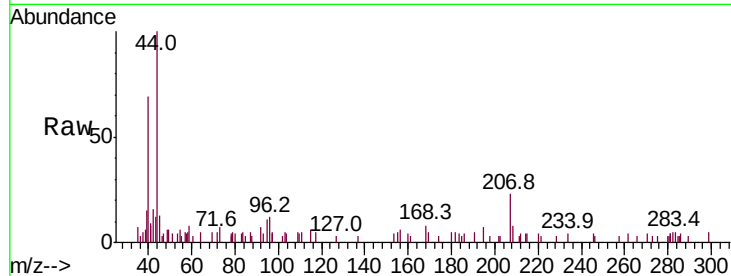
Ion Ratio Lower Upper

97 100

83 100.9 72.0 108.0

85 32.2 47.5 71.3#

99 0.0 54.1 81.1#

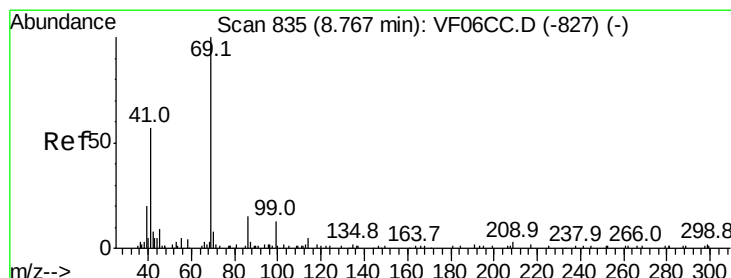
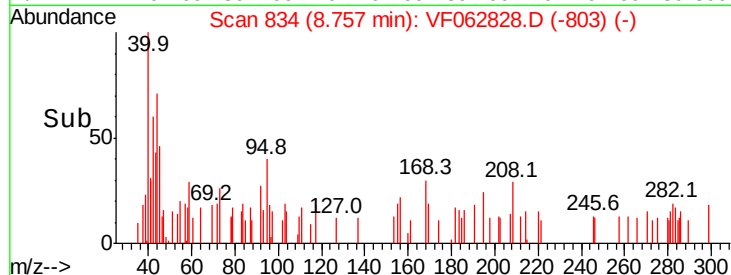
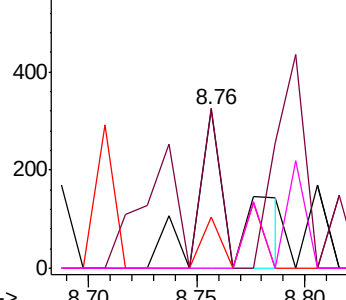


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 272.518 ug/l

RT: 8.89 min Scan# 848

Delta R.T. 0.12 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

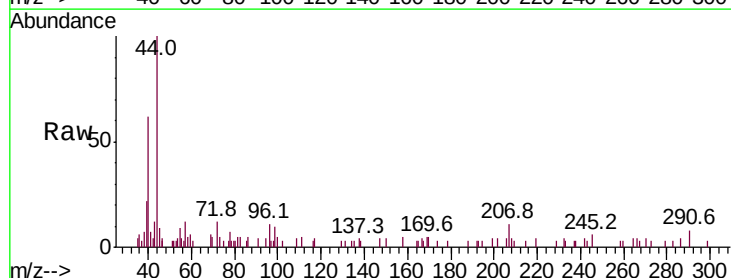
Tgt Ion: 69 Resp: 208

Ion Ratio Lower Upper

69 100

41 64.8 46.6 69.8

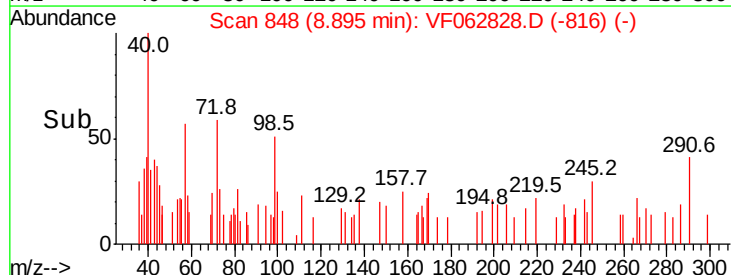
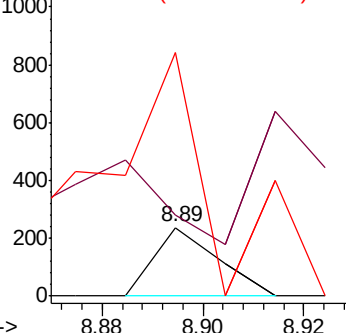
39 194.9 19.6 29.4#

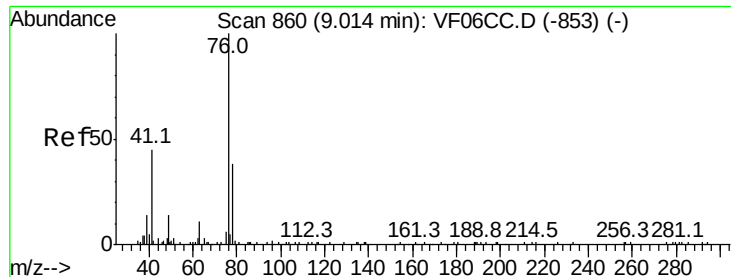


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 164.423 ug/l

RT: 9.16 min Scan# 875

Delta R.T. 0.14 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

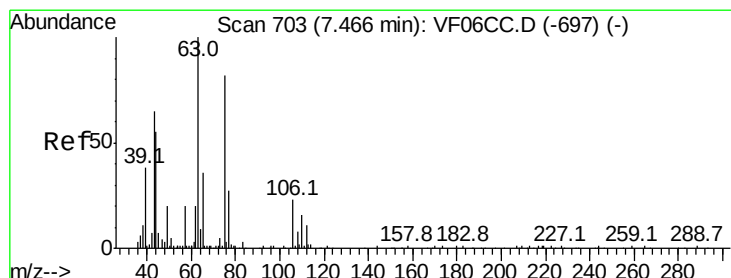
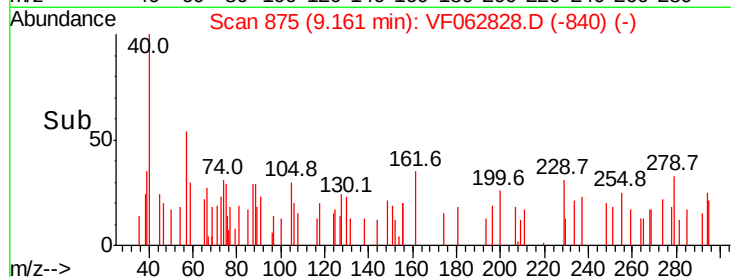
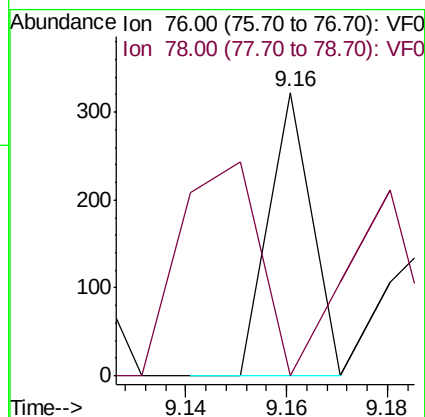
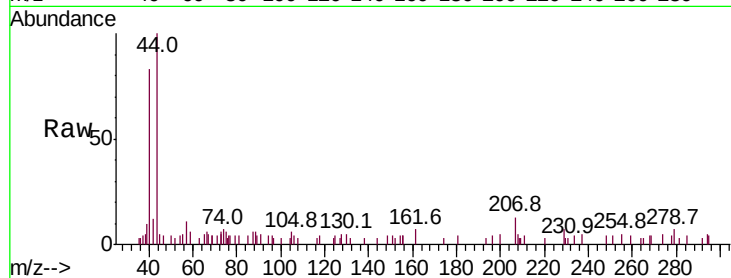
0428-HR-8(HACKENSACK)

Tot Ion: 76 Resp: 191

Ion Ratio Lower Upper

76 100

78 0.0 26.8 40.2#



#58

2-Chloroethyl Vinyl ether

Concen: 356.141 ug/l

RT: 7.60 min Scan# 717

Delta R.T. 0.13 min

Lab File: VF062828.D

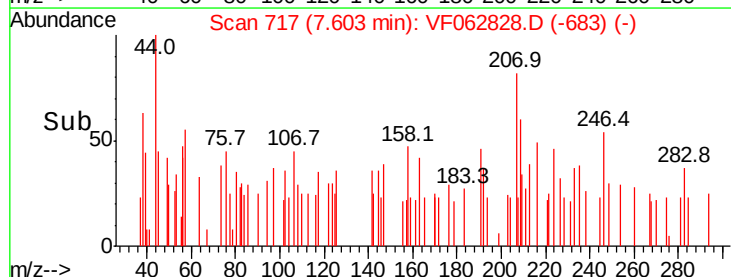
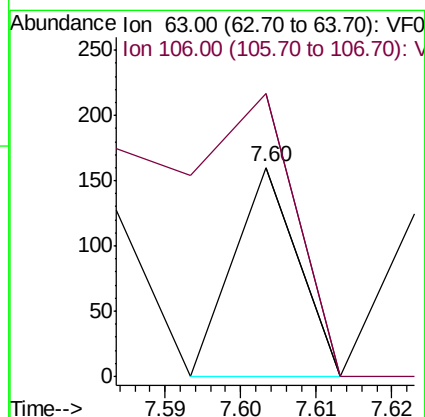
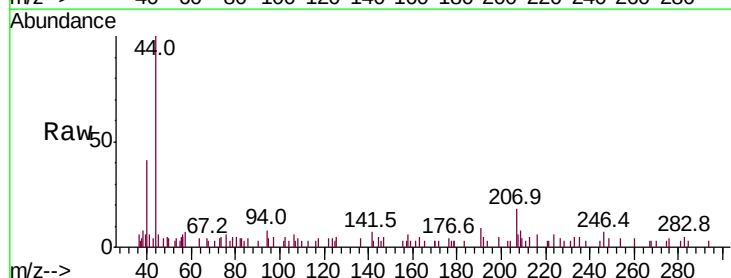
Acq: 3 Jun 2019 14:56

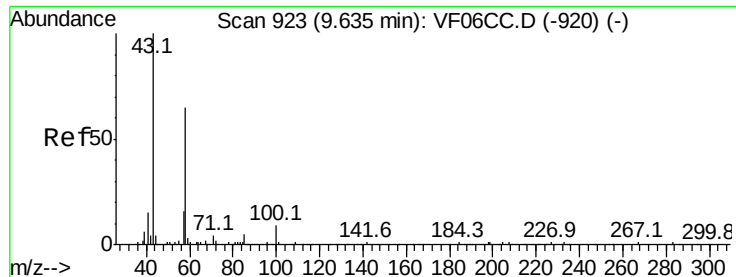
Tgt Ion: 63 Resp: 95

Ion Ratio Lower Upper

63 100

106 135.6 19.5 29.3#

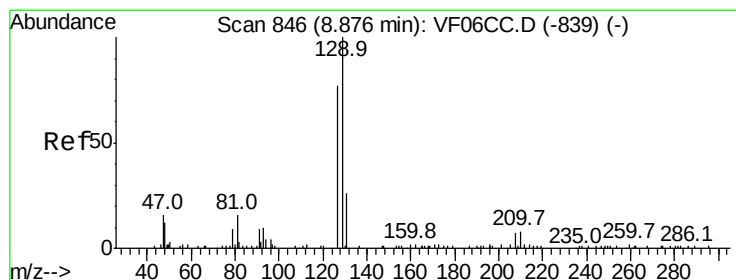
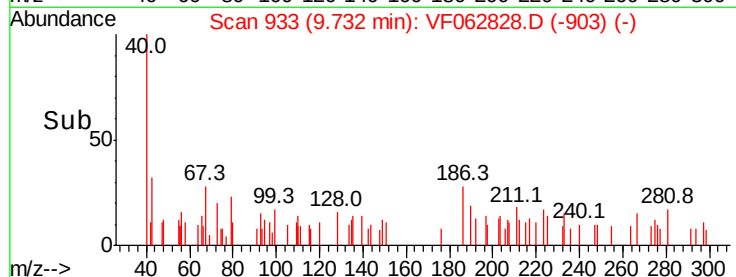
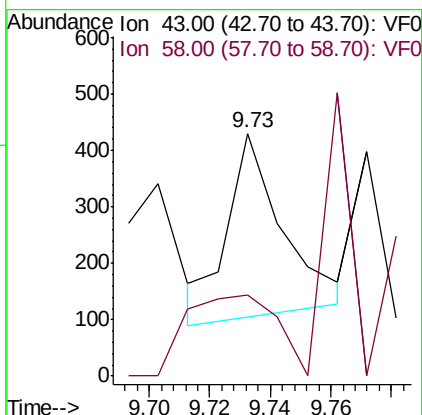
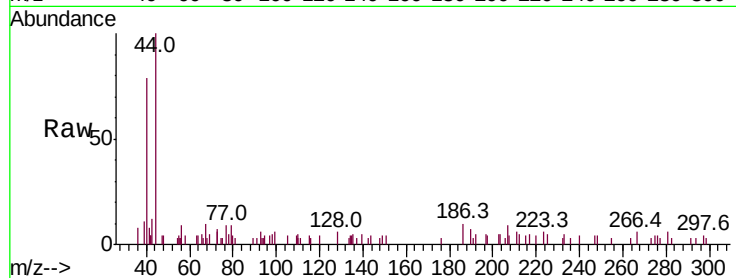




#59
2-Hexanone
Concen: 1060.643 ug/l
RT: 9.73 min Scan# 933
Delta R.T. 0.10 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

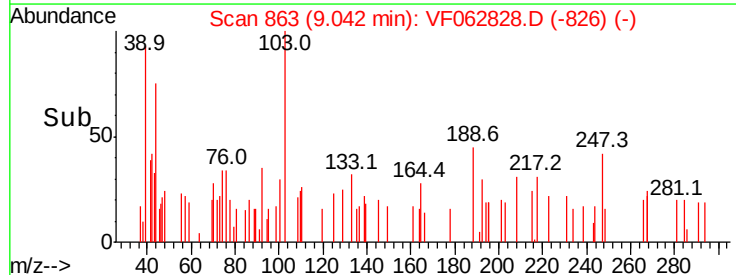
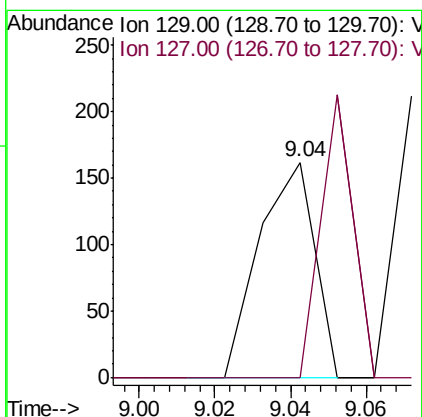
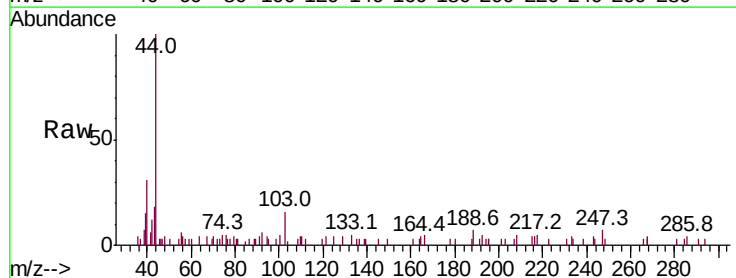
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

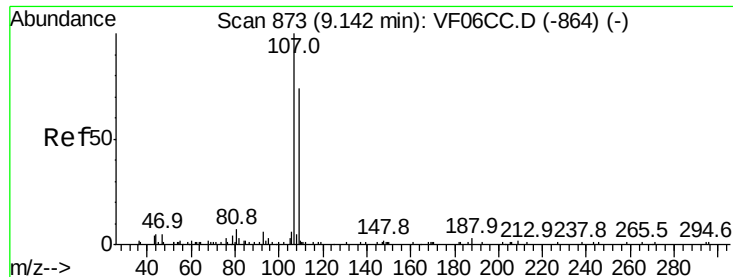
Tot Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
58 33.3 29.3 87.9



#60
Dibromochloromethane
Concen: 186.218 ug/l
RT: 9.04 min Scan# 863
Delta R.T. 0.16 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 129 Resp: 164
Ion Ratio Lower Upper
129 100
127 0.0 37.1 111.3#





#61

1,2-Dibromoethane

Concen: 216.576 ug/l

RT: 9.27 min Scan# 886

Delta R.T. 0.12 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

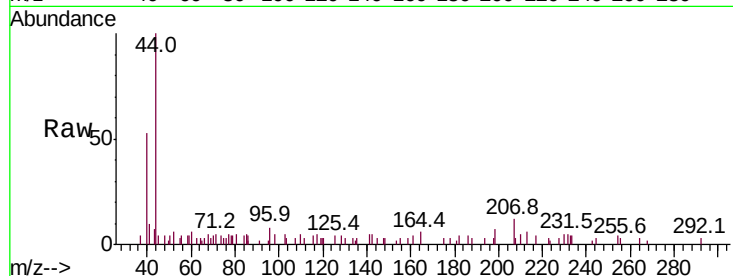
0428-HR-8(HACKENSACK)

Tot Ion:107 Resp: 160

Ion Ratio Lower Upper

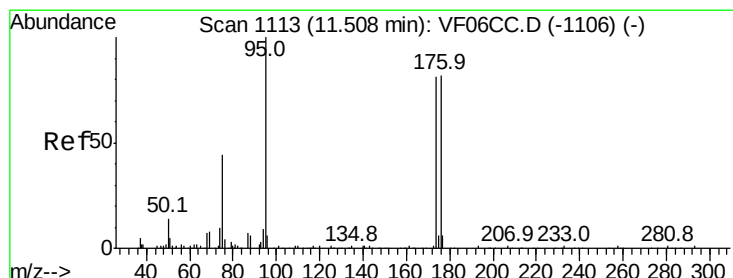
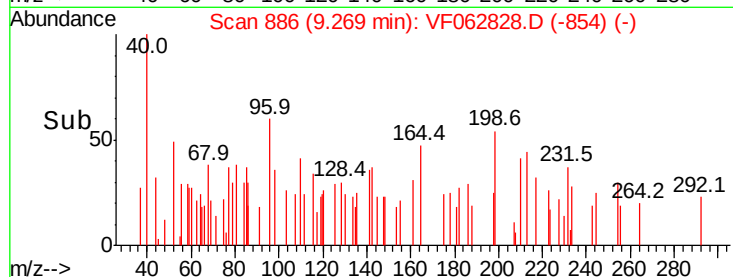
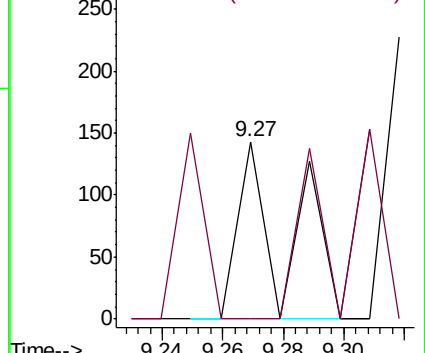
107 100

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: 324.473 ug/l

RT: 11.65 min Scan# 1128

Delta R.T. 0.14 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

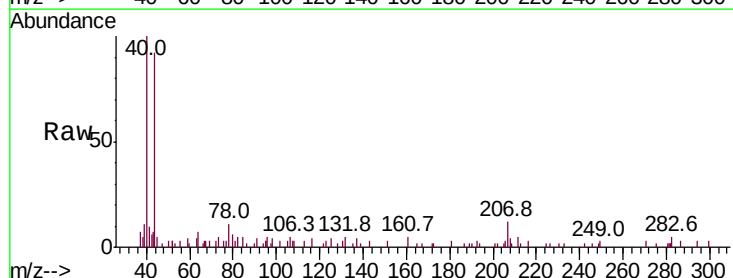
Tgt Ion: 95 Resp: 368

Ion Ratio Lower Upper

95 100

174 0.0 0.0 170.6

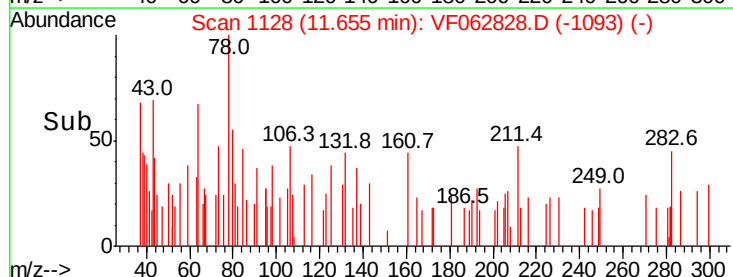
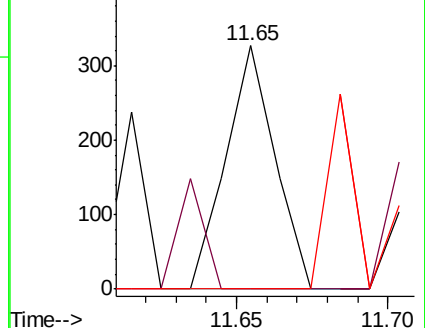
176 0.0 0.0 170.6

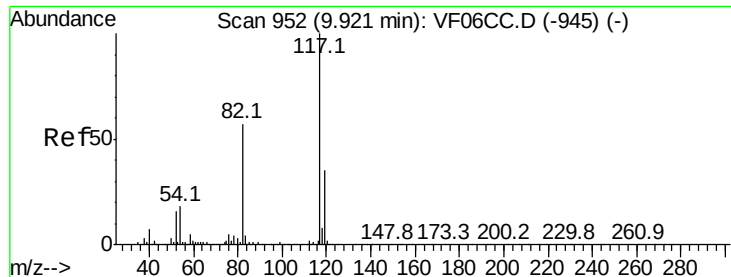


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

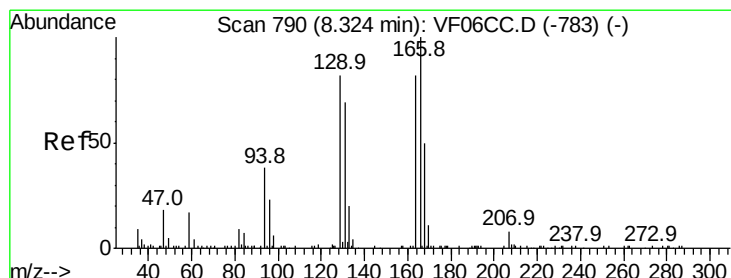
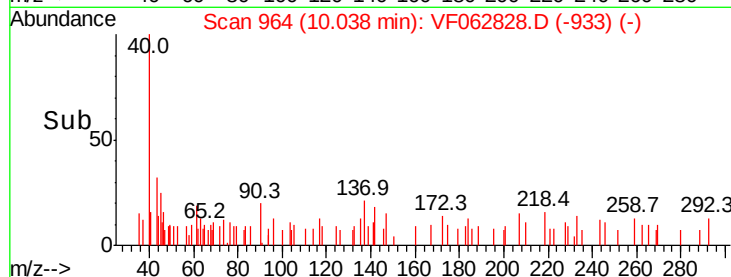
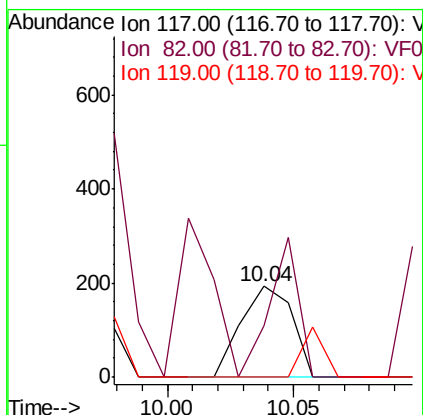
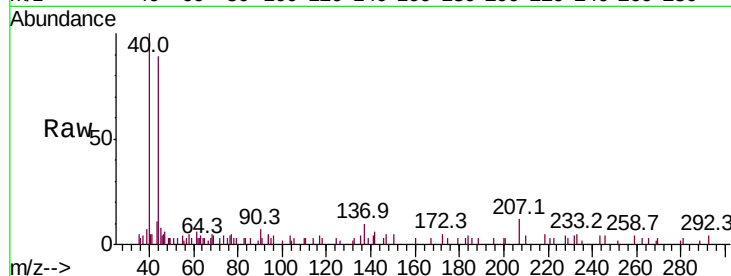




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.04 min Scan# 964
Delta R.T. 0.11 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

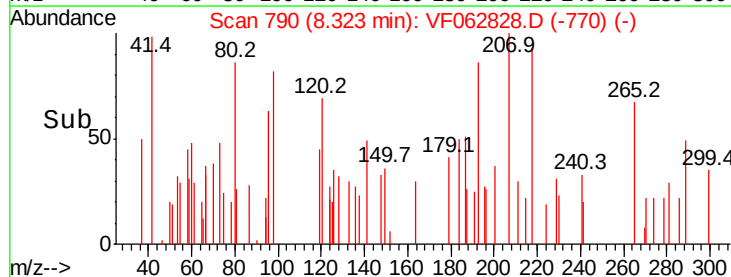
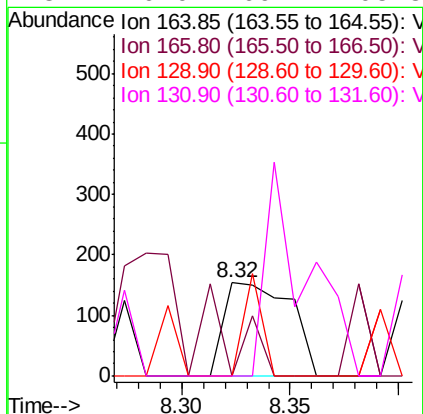
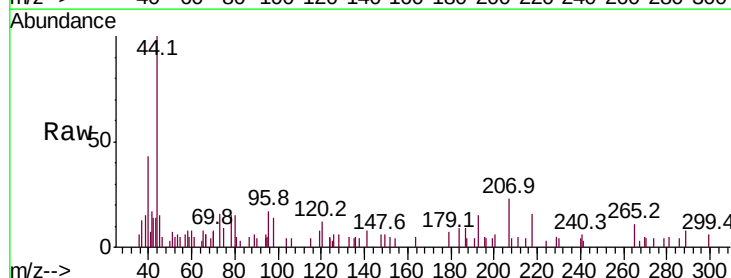
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

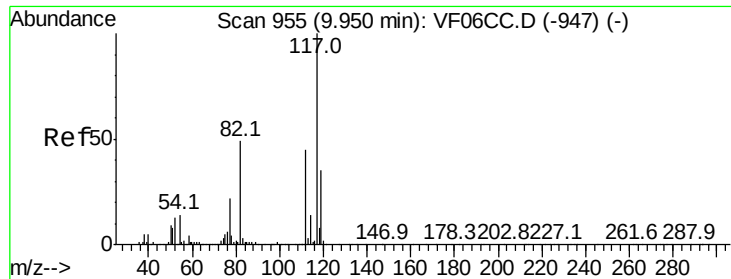
Tot Ion:117 Resp: 272
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 0.0 27.1 40.7#



#64
Tetrachloroethene
Concen: 157.405 ug/l
RT: 8.32 min Scan# 790
Delta R.T. -0.00 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion:164 Resp: 329
Ion Ratio Lower Upper
164 100
166 0.0 99.1 148.7#
129 0.0 69.5 104.3#
131 0.0 69.2 103.8#

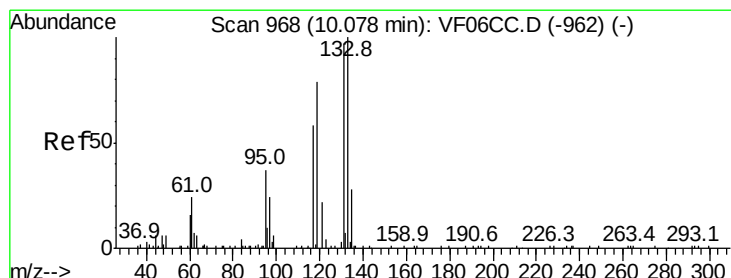
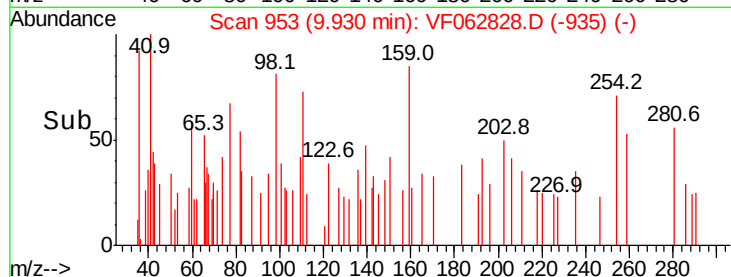
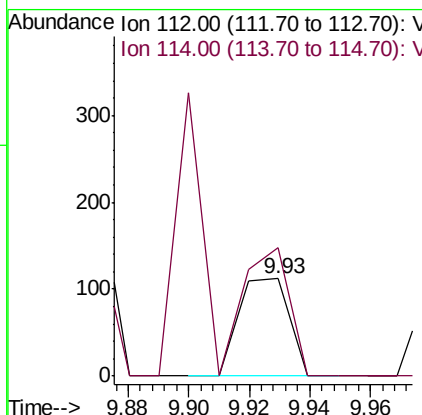
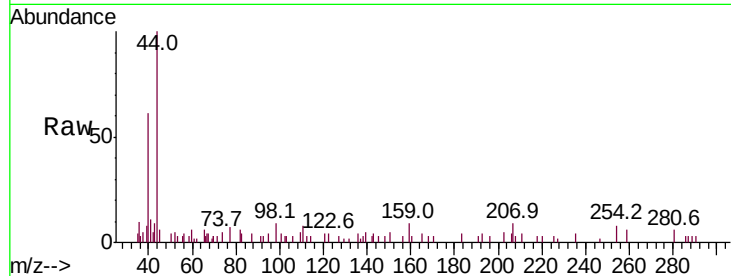




#65
Chlorobenzene
Concen: 24.939 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.02 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

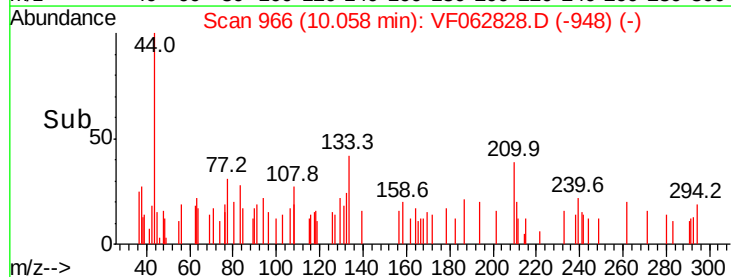
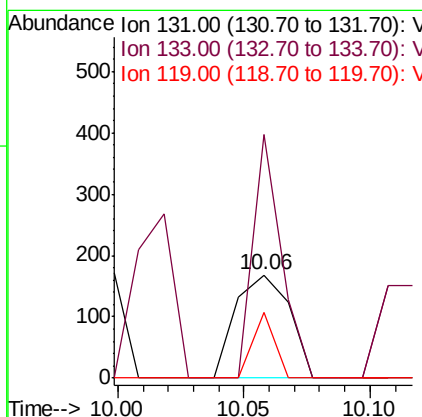
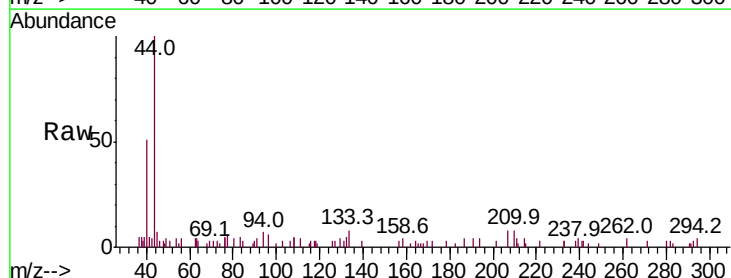
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

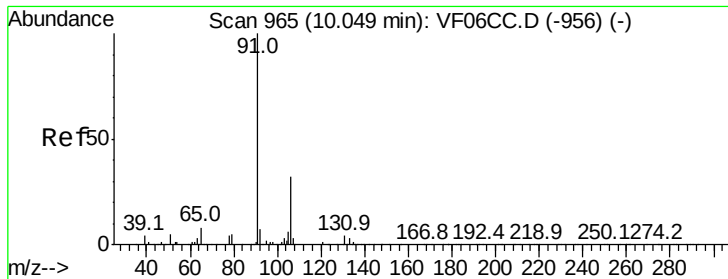
Tot Ion:112 Resp: 131
Ion Ratio Lower Upper
112 100
114 132.1 27.4 41.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 119.984 ug/l
RT: 10.06 min Scan# 966
Delta R.T. -0.02 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion:131 Resp: 251
Ion Ratio Lower Upper
131 100
133 236.3 48.9 146.7#
119 63.7 38.0 114.0





#67

Ethyl Benzene

Concen: 20.746 ug/l

RT: 10.03 min Scan# 963

Delta R.T. -0.02 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

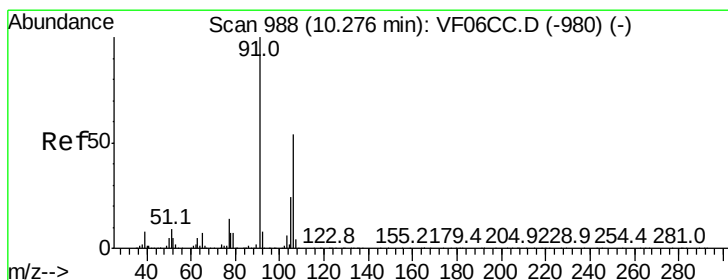
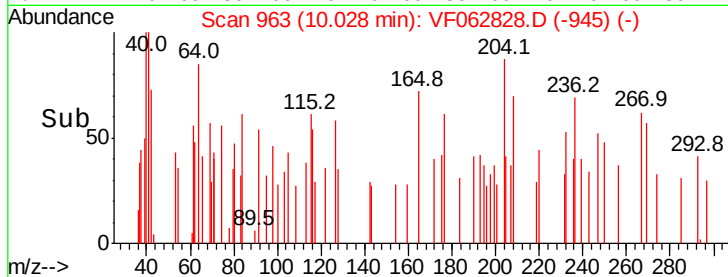
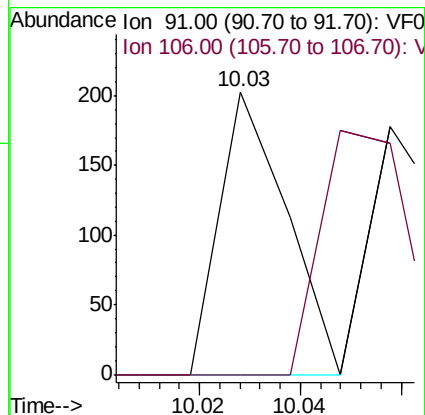
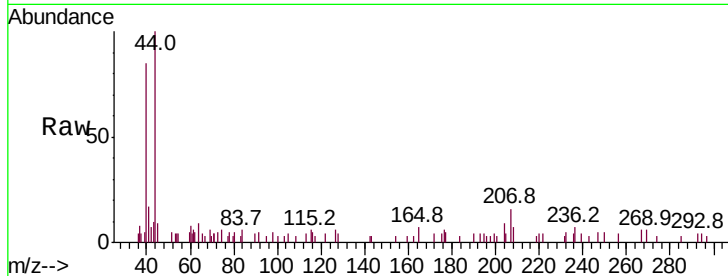
0428-HR-8(HACKENSACK)

Tot Ion: 91 Resp: 187

Ion Ratio Lower Upper

91 100

106 0.0 26.0 39.0#



#68

m/p-Xylenes

Concen: 137.999 ug/l

RT: 10.34 min Scan# 995

Delta R.T. 0.07 min

Lab File: VF062828.D

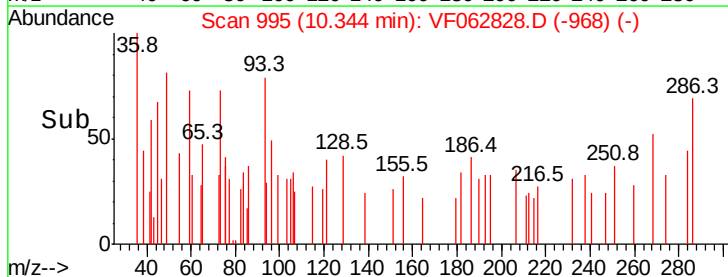
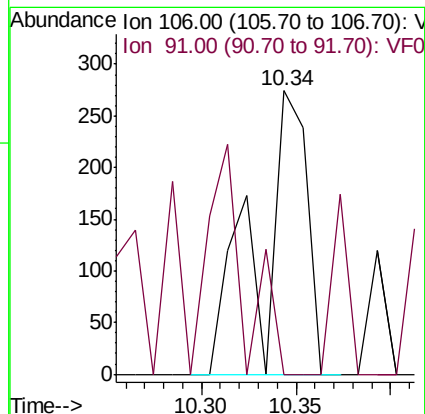
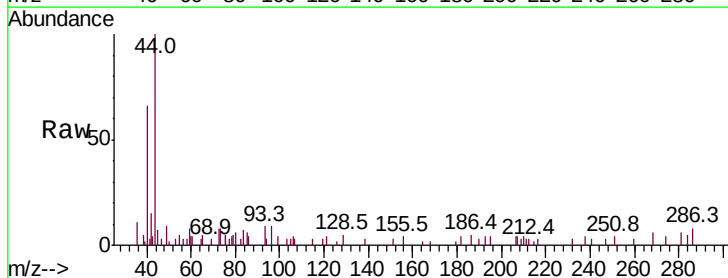
Acq: 3 Jun 2019 14:56

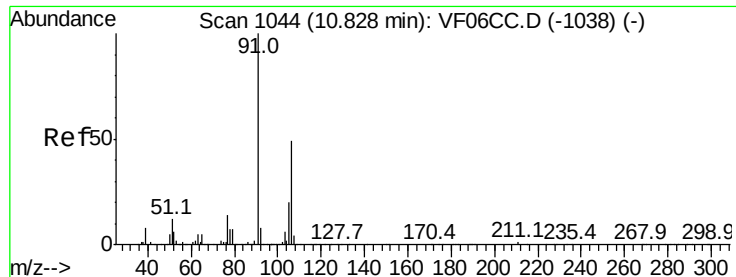
Tgt Ion: 106 Resp: 476

Ion Ratio Lower Upper

106 100

91 0.0 136.2 204.4#

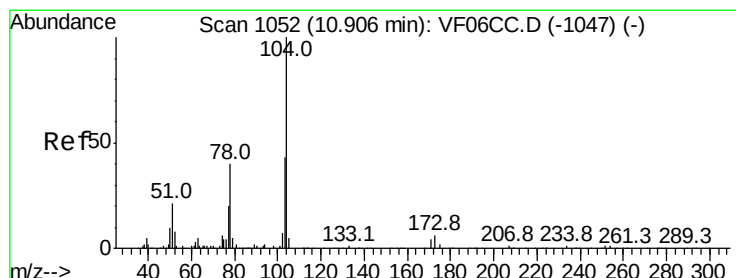
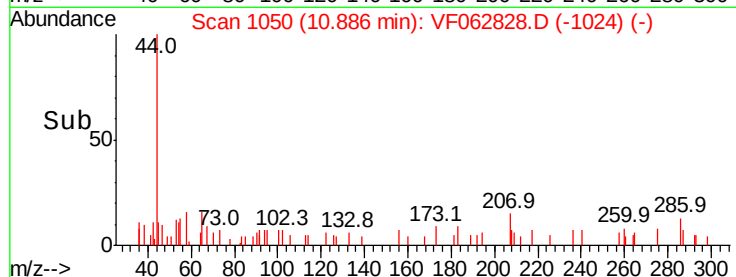
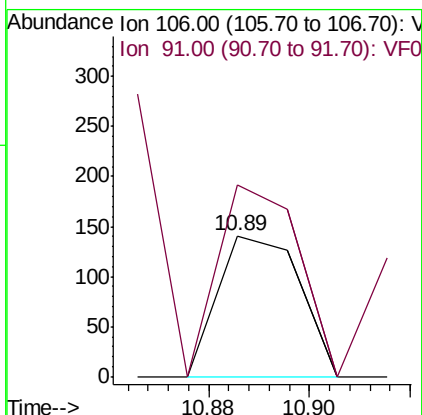
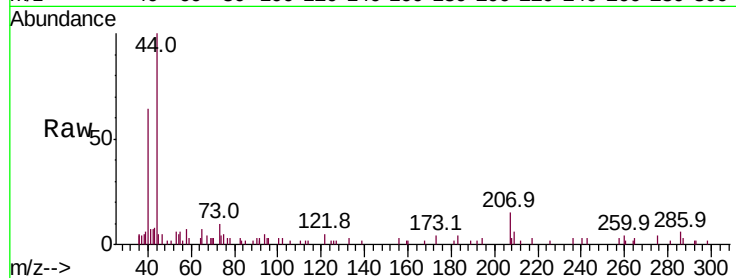




#69
o-Xylene
Concen: 45.242 ug/l
RT: 10.89 min Scan# 1050
Delta R.T. 0.06 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

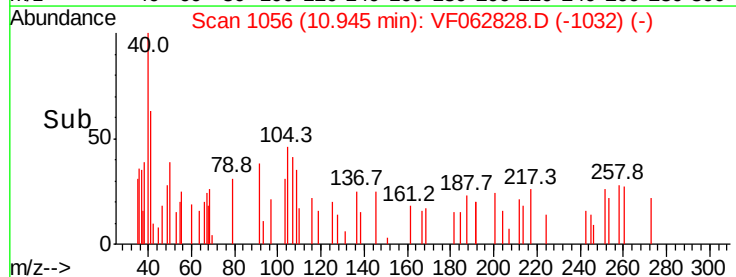
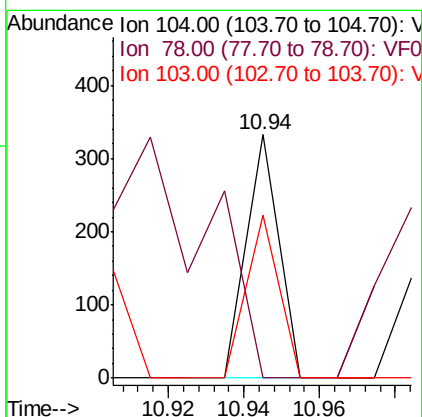
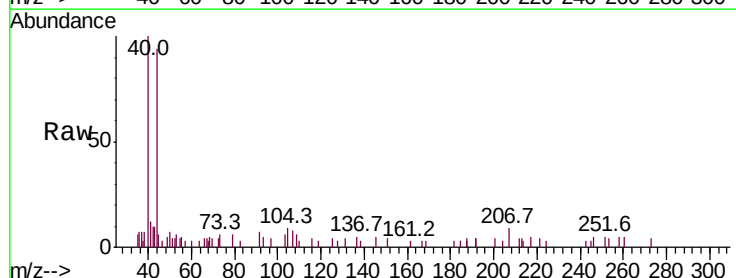
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

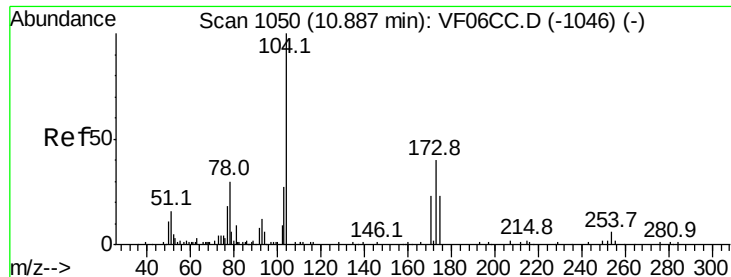
Tot Ion:106 Resp: 158
Ion Ratio Lower Upper
106 100
91 136.2 96.6 289.8



#70
Styrene
Concen: 38.272 ug/l
RT: 10.94 min Scan# 1056
Delta R.T. 0.04 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion:104 Resp: 197
Ion Ratio Lower Upper
104 100
78 0.0 30.8 46.2#
103 66.7 35.8 53.6#





#71

Bromoform

Concen: 133.527 ug/l

RT: 10.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

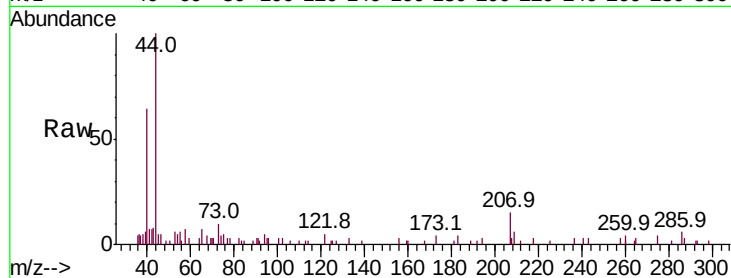
Tot Ion:173 Resp: 134

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

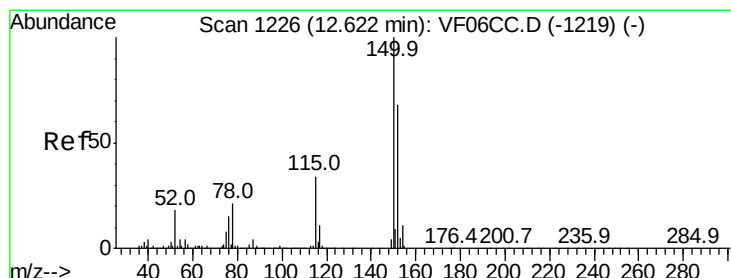
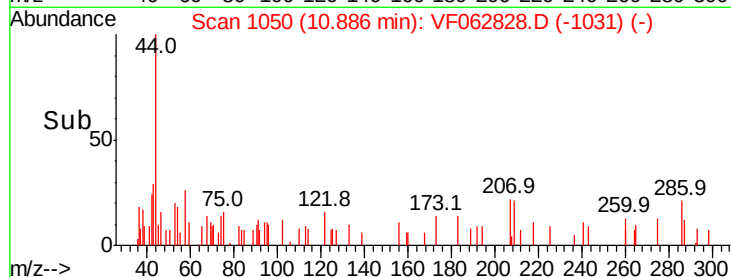
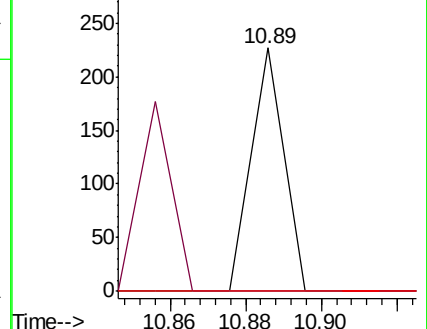
254 0.0 0.1 0.1#



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: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

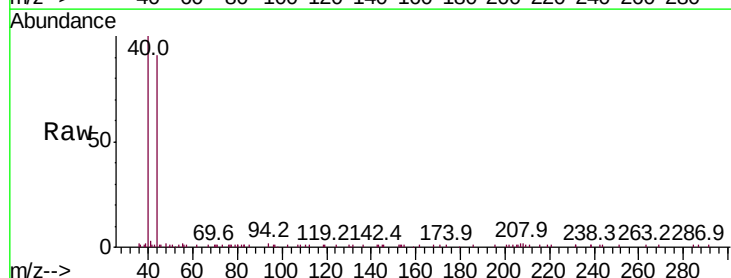
Tgt Ion:152 Resp: 262

Ion Ratio Lower Upper

152 100

115 0.0 24.6 74.0#

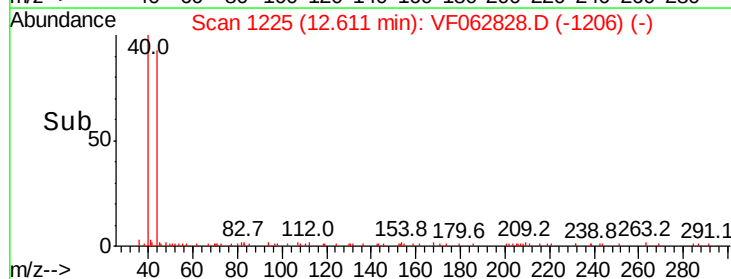
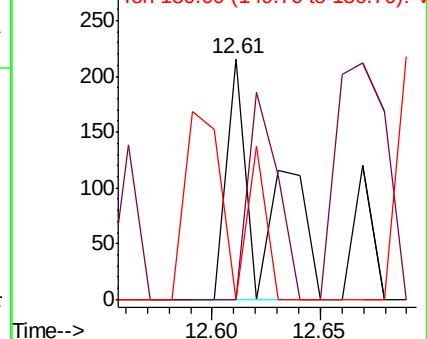
150 0.0 0.0 290.6

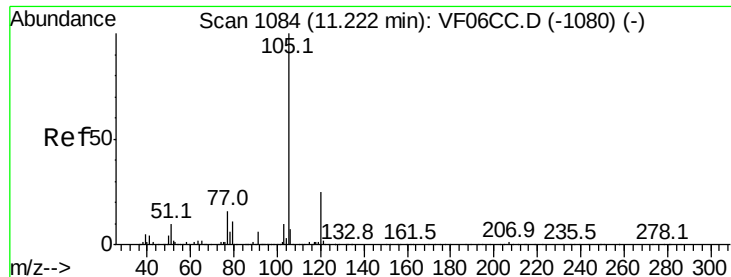


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 19.309 ug/l

RT: 11.19 min Scan# 1081

Delta R.T. -0.04 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

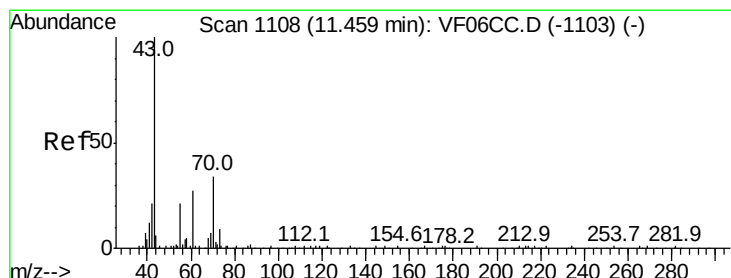
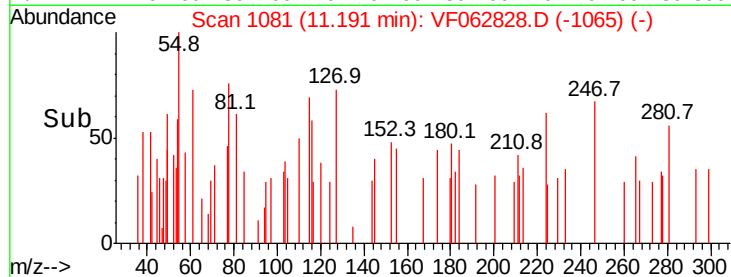
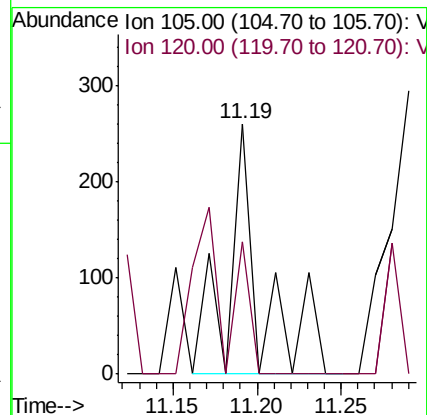
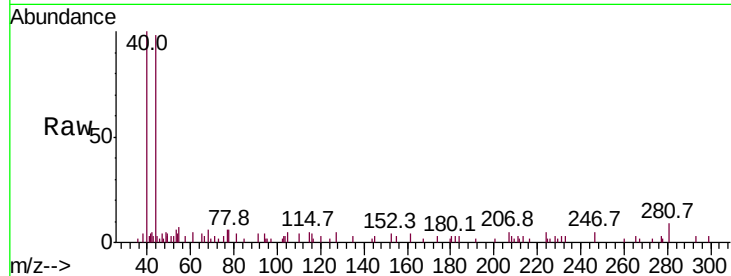
0428-HR-8(HACKENSACK)

Tot Ion:105 Resp: 353

Ion Ratio Lower Upper

105 100

120 52.7 15.1 45.3#



#74

N-ethyl acetate

Concen: 106.357 ug/l

RT: 11.48 min Scan# 1110

Delta R.T. 0.02 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Tgt Ion: 43 Resp: 548

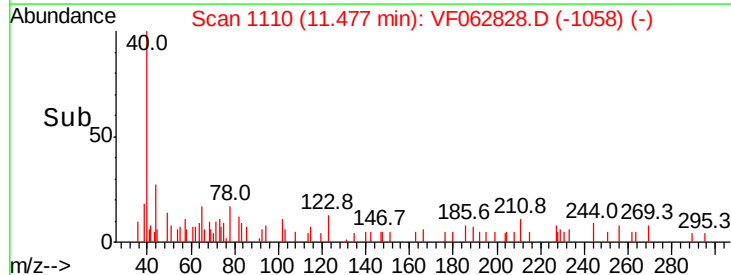
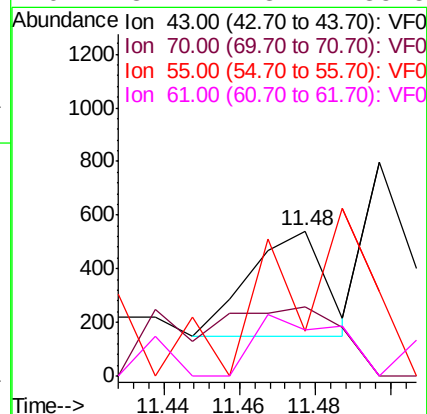
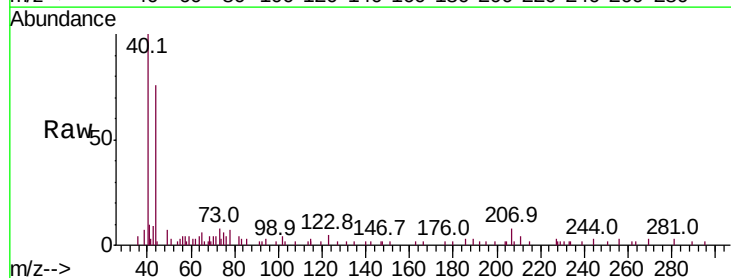
Ion Ratio Lower Upper

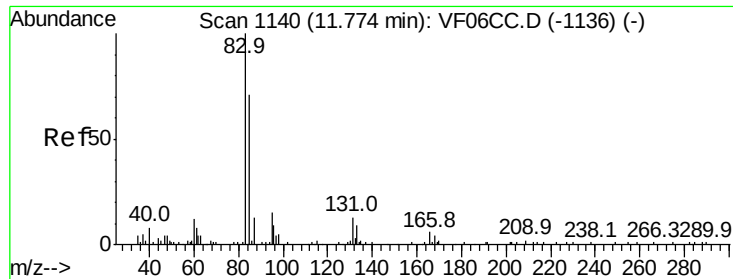
43 100

70 47.2 32.9 49.3

55 30.4 17.3 25.9#

61 32.1 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 39.959 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

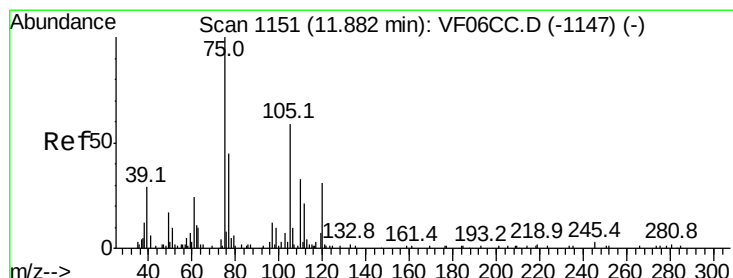
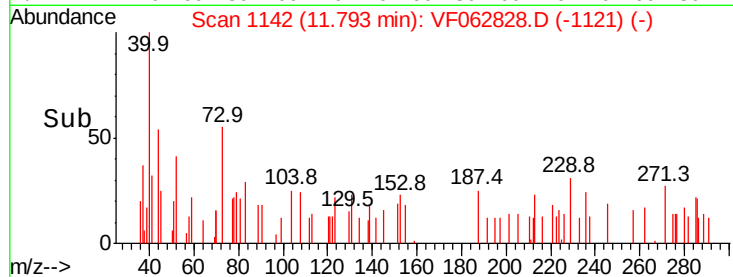
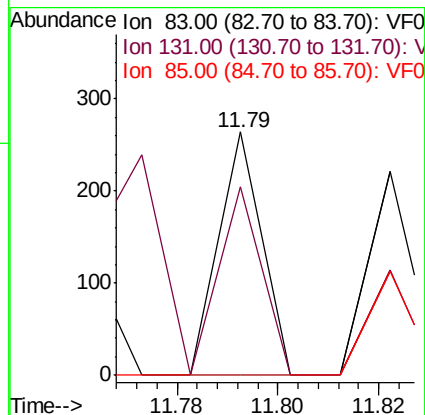
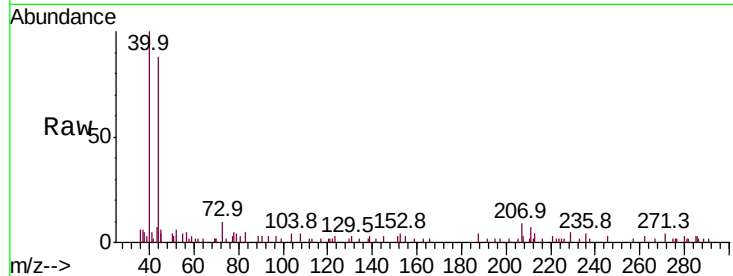
Tot Ion: 83 Resp: 156

Ion Ratio Lower Upper

83 100

131 77.7 4.9 14.7#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 131.386 ug/l

RT: 11.85 min Scan# 1148

Delta R.T. -0.03 min

Lab File: VF062828.D

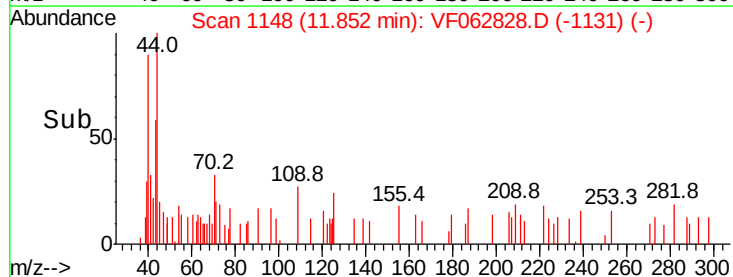
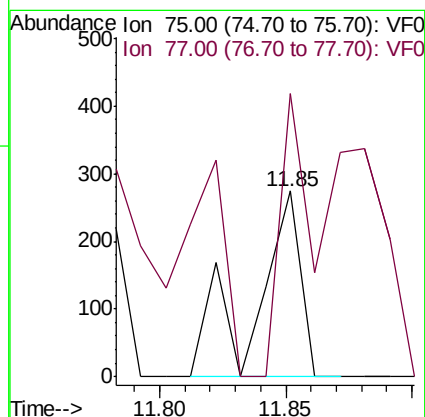
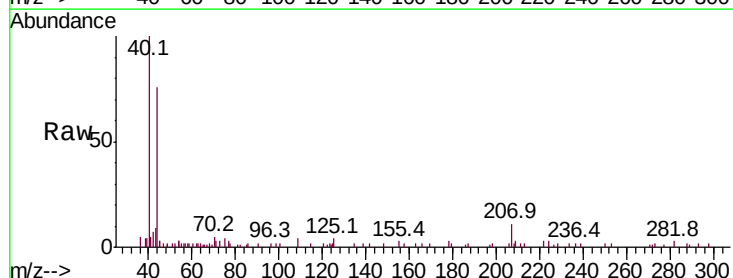
Acq: 3 Jun 2019 14:56

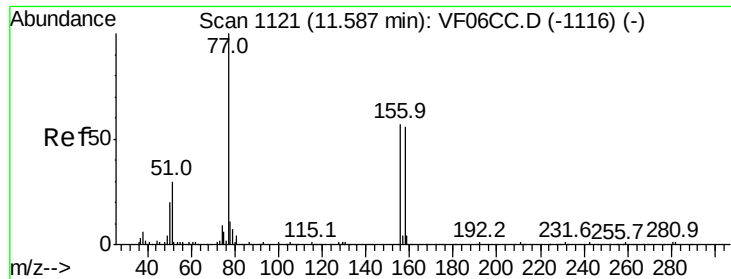
Tgt Ion: 75 Resp: 340

Ion Ratio Lower Upper

75 100

77 152.6 20.1 60.2#





#77

Bromobenzene

Concen: 17.634 ug/l

RT: 11.59 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

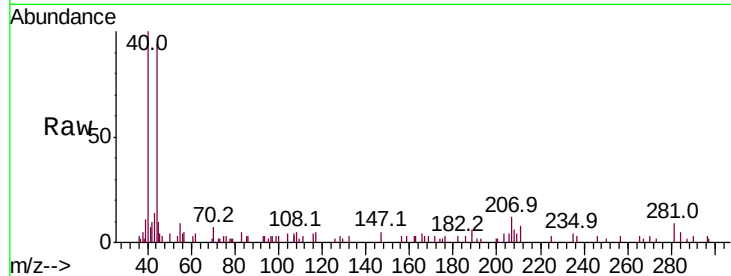
Tot Ion:156 Resp: 81

Ion Ratio Lower Upper

156 100

77 0.0 64.2 192.6#

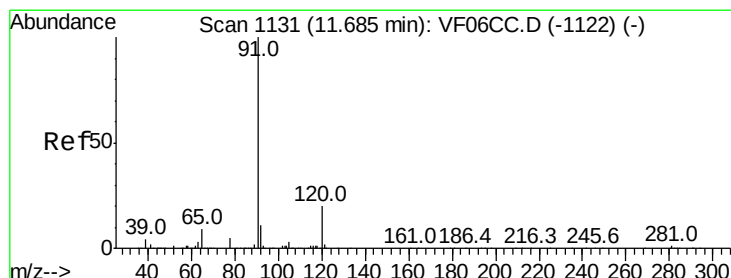
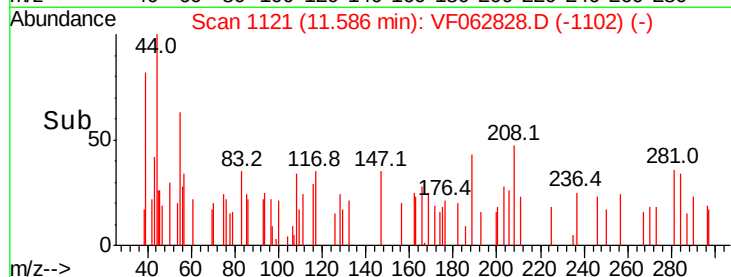
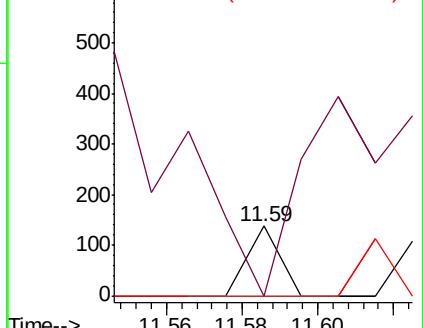
158 0.0 50.3 151.0#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 15.313 ug/l

RT: 11.70 min Scan# 1133

Delta R.T. 0.02 min

Lab File: VF062828.D

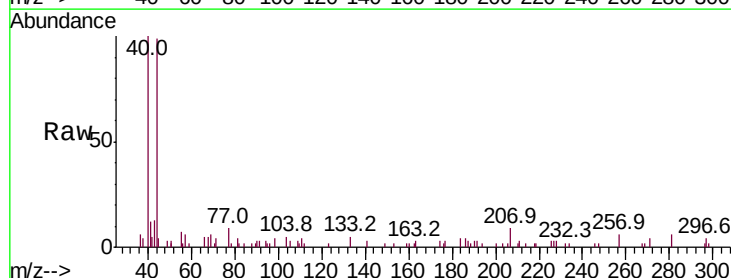
Acq: 3 Jun 2019 14:56

Tgt Ion: 91 Resp: 338

Ion Ratio Lower Upper

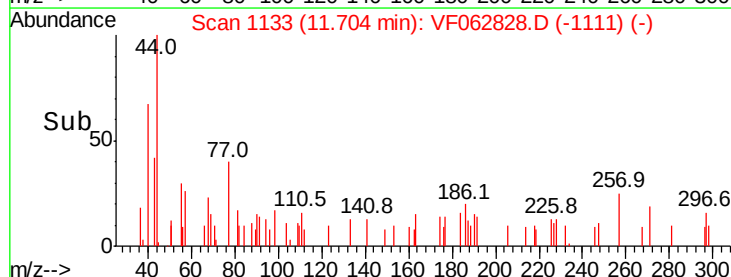
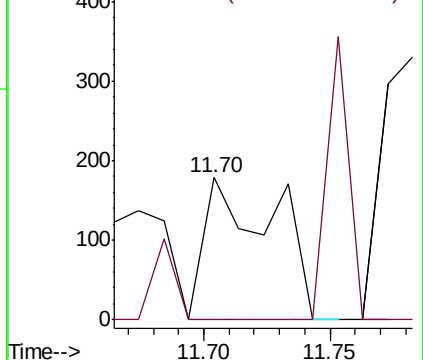
91 100

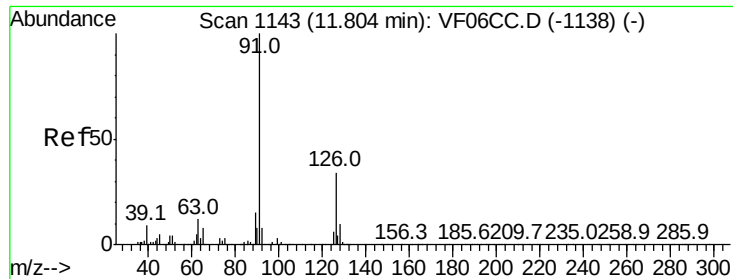
120 0.0 12.8 38.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

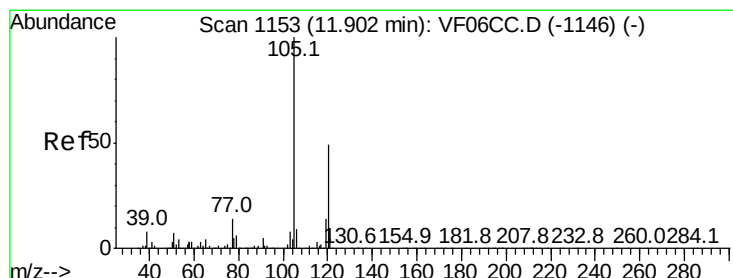
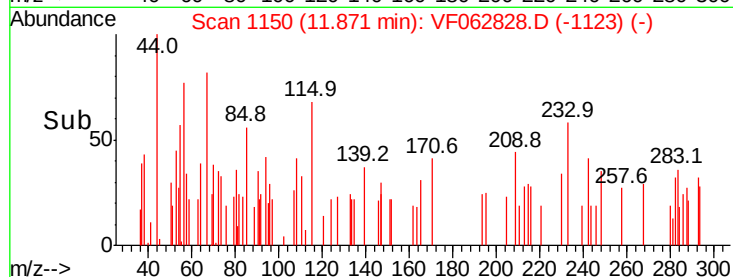
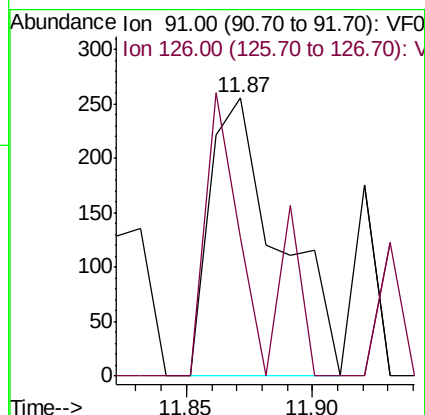
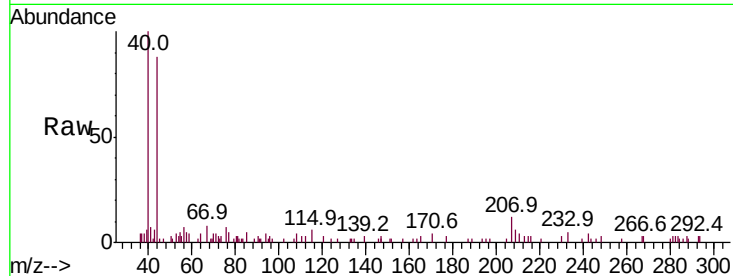




#79
2-Chlorotoluene
Concen: 38.558 ug/l
RT: 11.87 min Scan# 1150
Delta R.T. 0.07 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

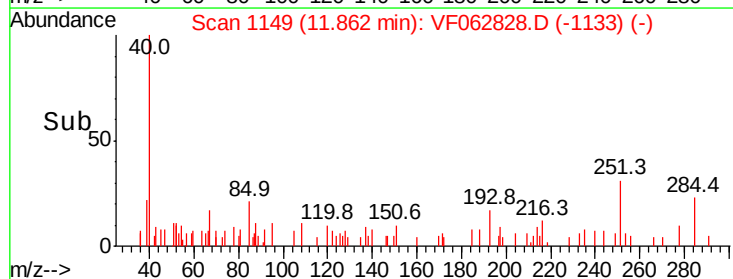
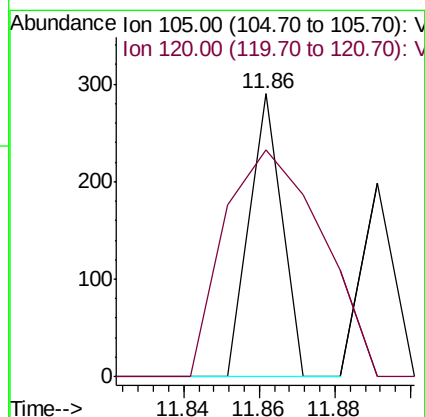
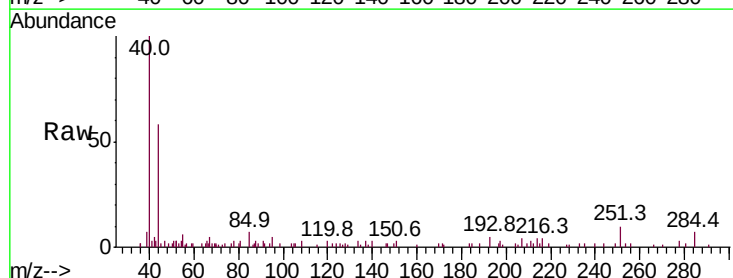
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

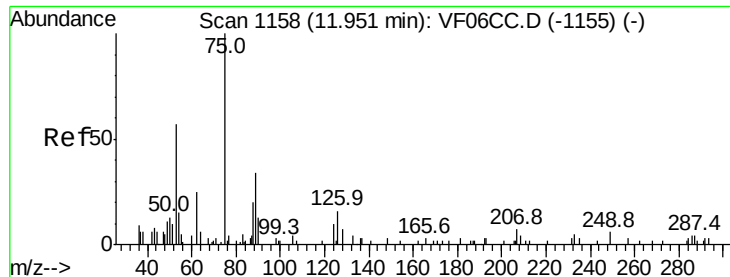
Tot Ion: 91 Resp: 487
Ion Ratio Lower Upper
91 100
126 49.6 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 11.505 ug/l
RT: 11.86 min Scan# 1149
Delta R.T. -0.04 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 105 Resp: 172
Ion Ratio Lower Upper
105 100
120 80.3 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 560.426 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.02 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

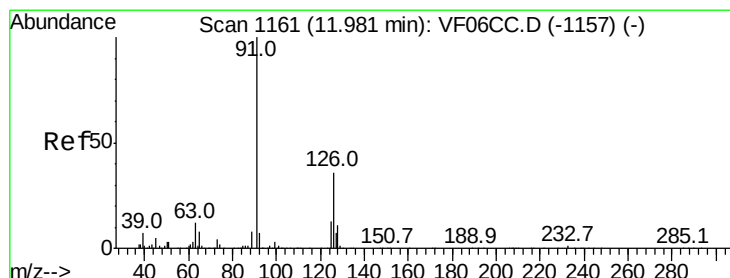
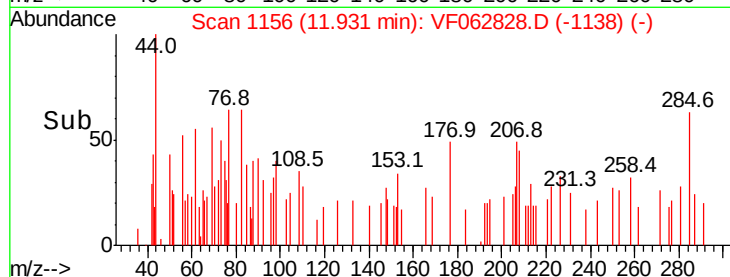
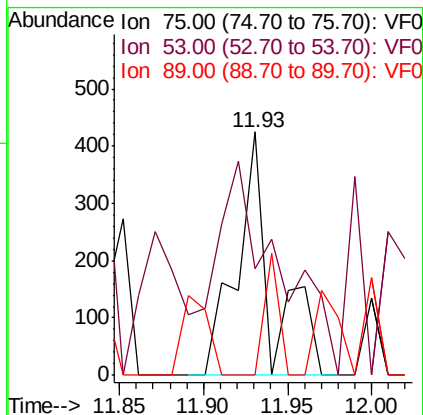
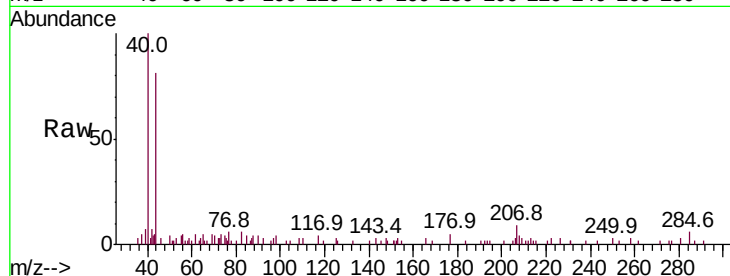
Tot Ion: 75 Resp: 614

Ion Ratio Lower Upper

75 100

53 43.5 43.5 65.3

89 0.0 34.3 51.5#



#82

4-Chlorotoluene

Concen: 62.115 ug/l

RT: 12.05 min Scan# 1168

Delta R.T. 0.07 min

Lab File: VF062828.D

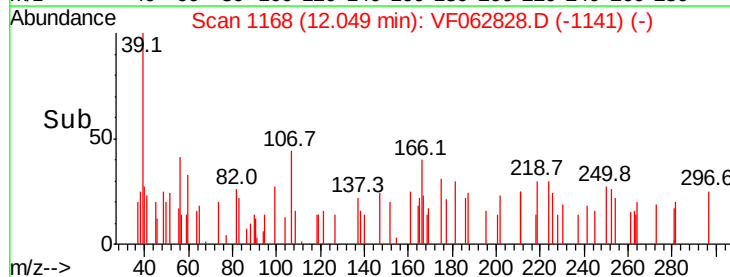
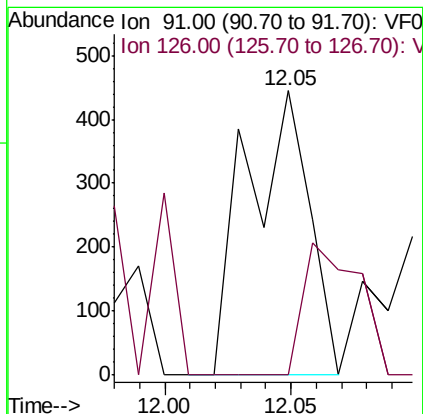
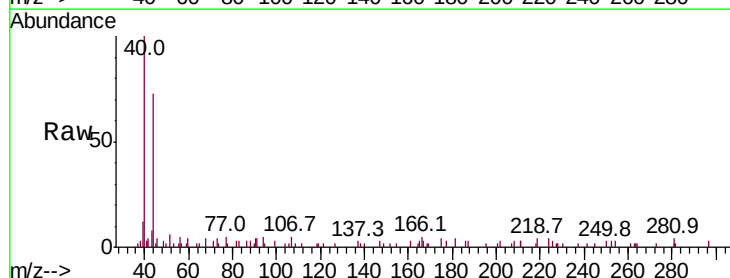
Acq: 3 Jun 2019 14:56

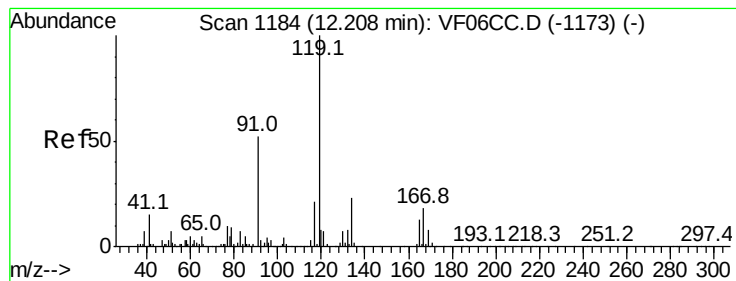
Tgt Ion: 91 Resp: 771

Ion Ratio Lower Upper

91 100

126 23.1 19.1 57.1





#83

tert-Butylbenzene

Concen: 5.198 ug/l

RT: 12.21 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

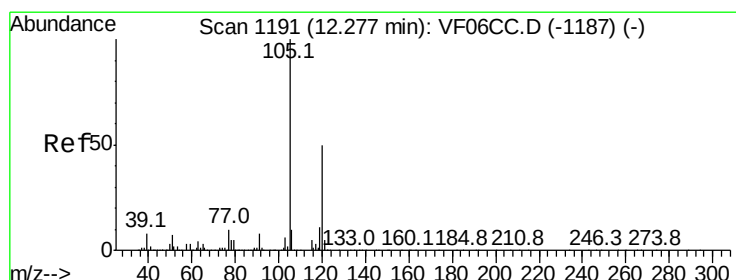
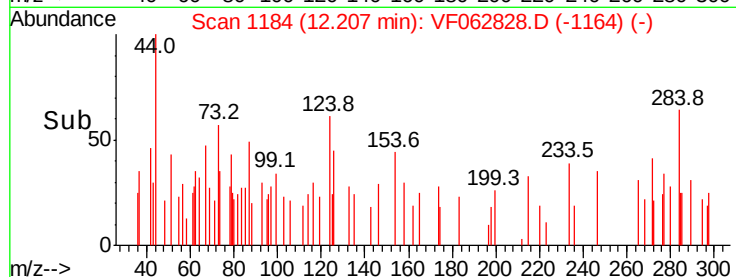
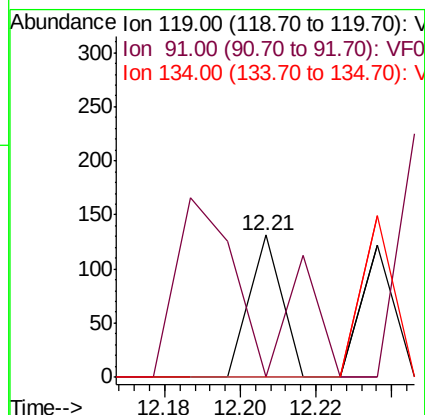
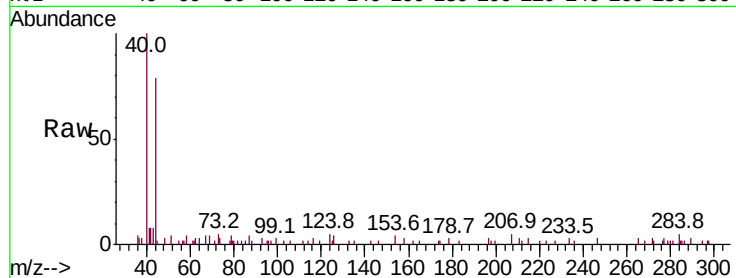
Tot Ion:119 Resp: 77

Ion Ratio Lower Upper

119 100

91 0.0 28.9 86.7#

134 0.0 14.3 42.9#



#84

1,2,4-Trimethylbenzene

Concen: 7.831 ug/l

RT: 12.28 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VF062828.D

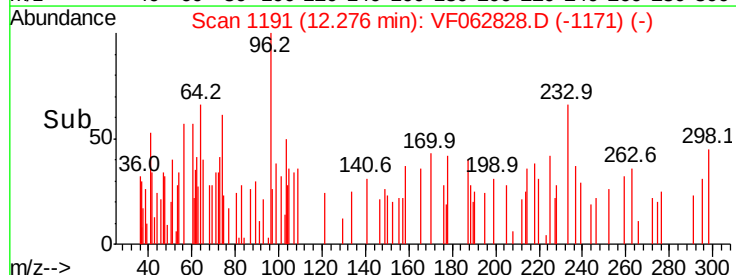
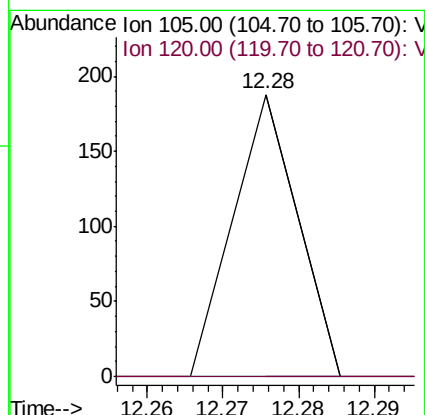
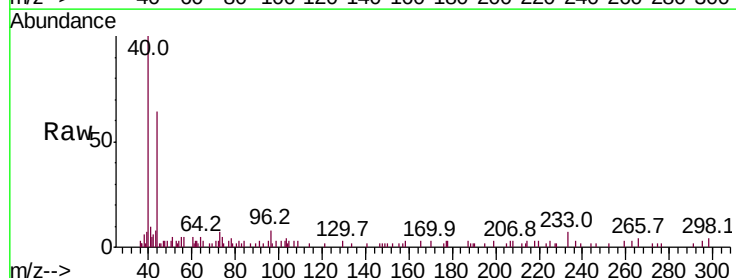
Acq: 3 Jun 2019 14:56

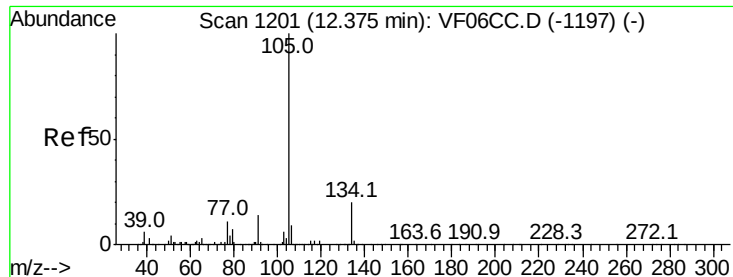
Tgt Ion:105 Resp: 111

Ion Ratio Lower Upper

105 100

120 0.0 27.1 81.3#





#85

sec-Butylbenzene

Concen: 5.277 ug/l

RT: 12.36 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

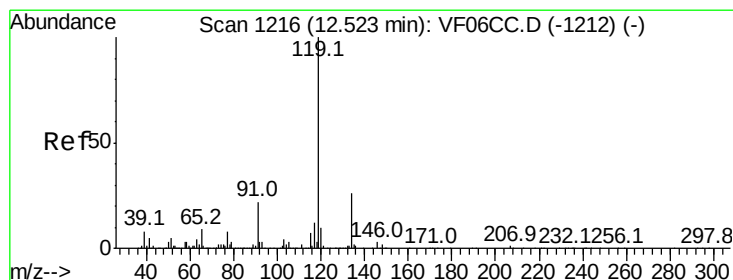
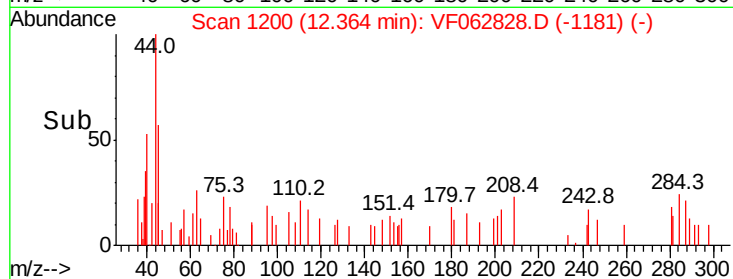
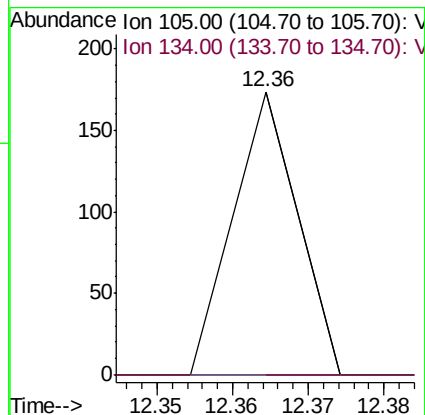
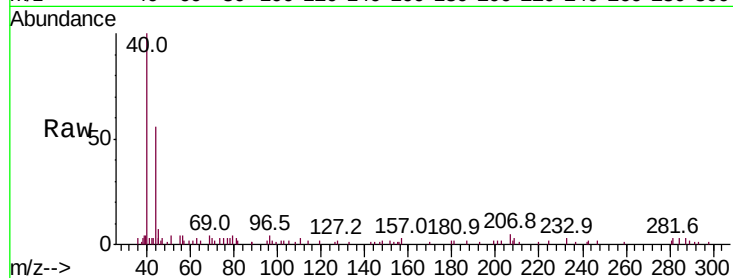
0428-HR-8(HACKENSACK)

Tot Ion:105 Resp: 103

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 19.572 ug/l

RT: 12.50 min Scan# 1214

Delta R.T. -0.03 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

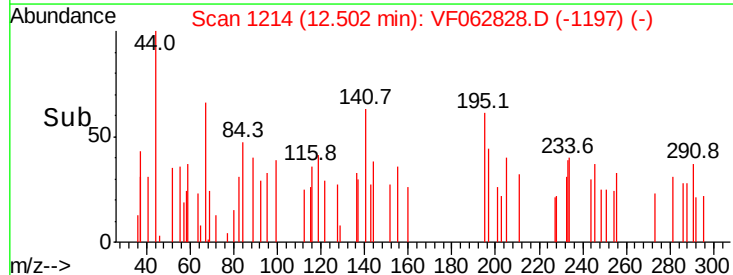
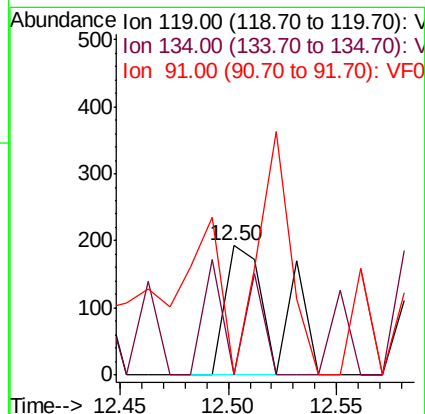
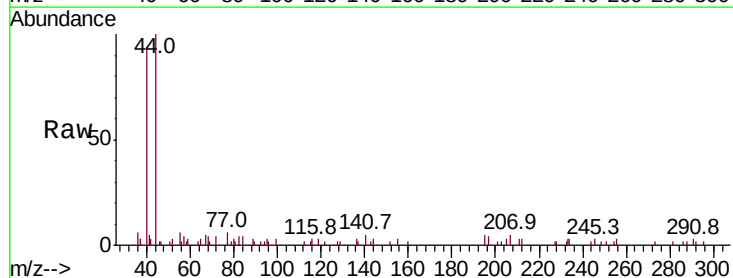
Tgt Ion:119 Resp: 318

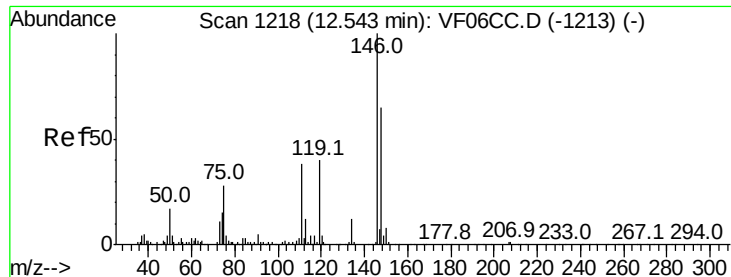
Ion Ratio Lower Upper

119 100

134 0.0 15.5 46.5#

91 0.0 10.3 30.9#

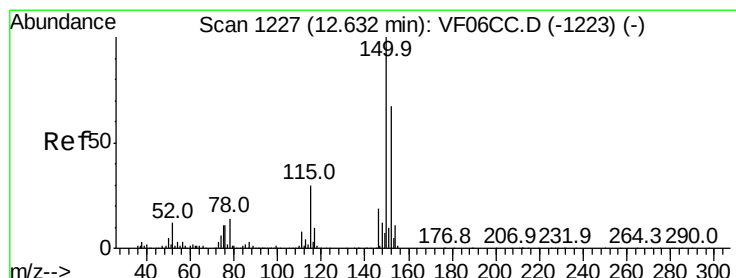
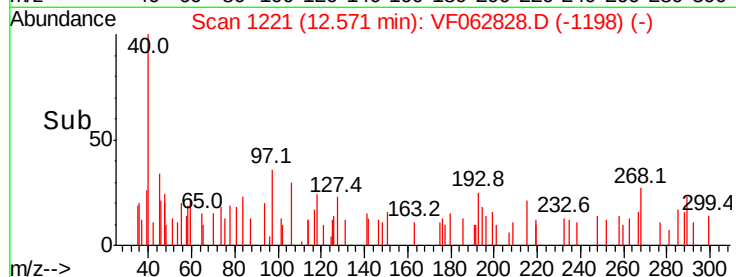
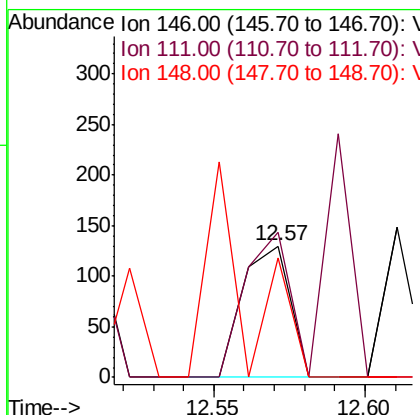
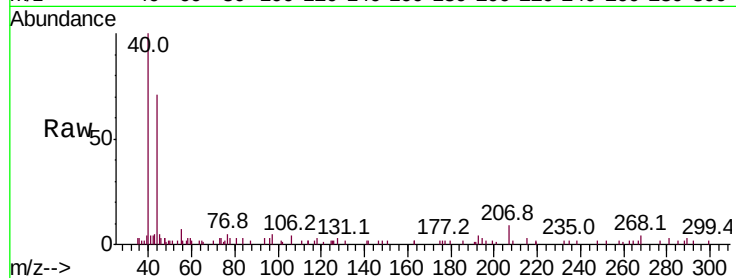




#87
 1,3-Dichlorobenzene
 Concen: 17.529 ug/l
 RT: 12.57 min Scan# 1221
 Delta R.T. 0.03 min
 Lab File: VF062828.D
 Acq: 3 Jun 2019 14:56

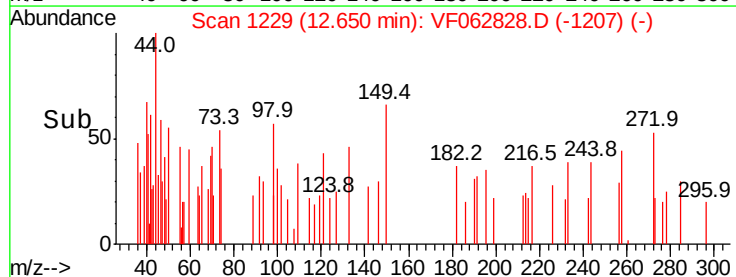
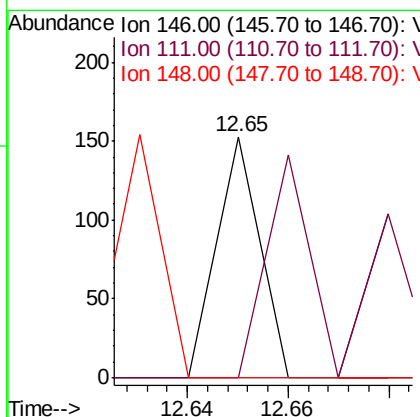
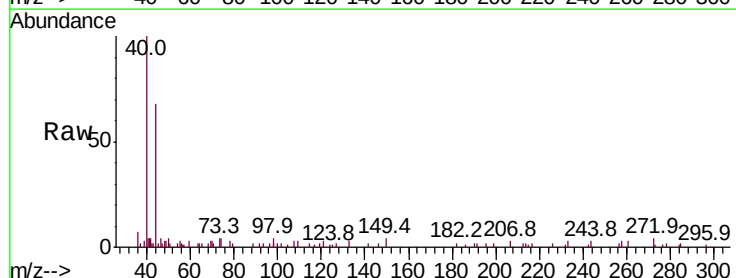
Instrument :
 MSVOA_F
 ClientSampleId :
 0428-HR-8(HACKENSACK)

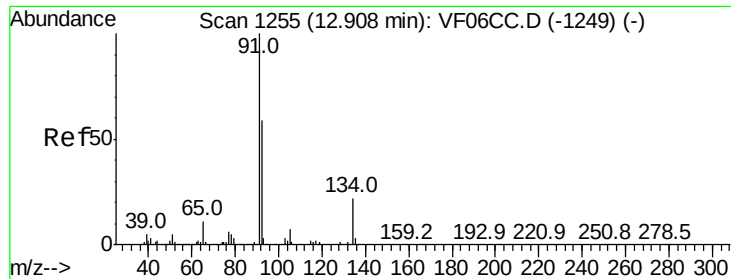
Tot Ion:146 Resp: 142
 Ion Ratio Lower Upper
 146 100
 111 110.0 19.6 58.8#
 148 90.8 34.2 102.5



#88
 1,4-Dichlorobenzene
 Concen: 12.037 ug/l
 RT: 12.65 min Scan# 1229
 Delta R.T. 0.02 min
 Lab File: VF062828.D
 Acq: 3 Jun 2019 14:56

Tgt Ion:146 Resp: 91
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.3 60.9#
 148 0.0 34.0 101.8#

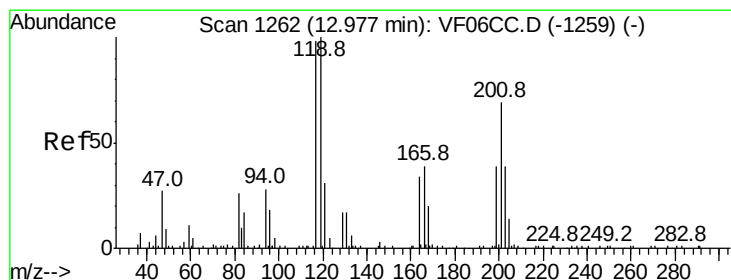
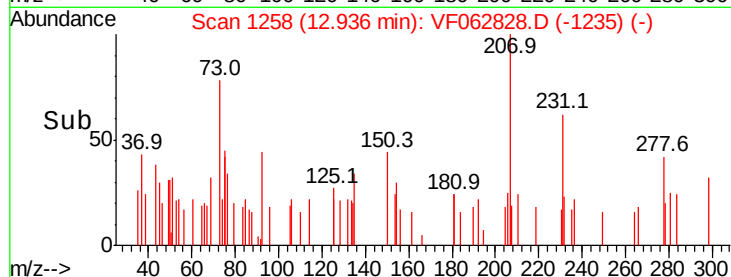
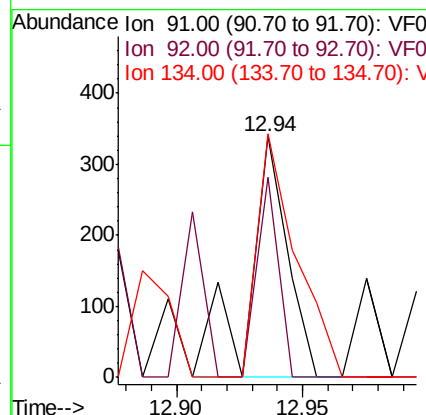
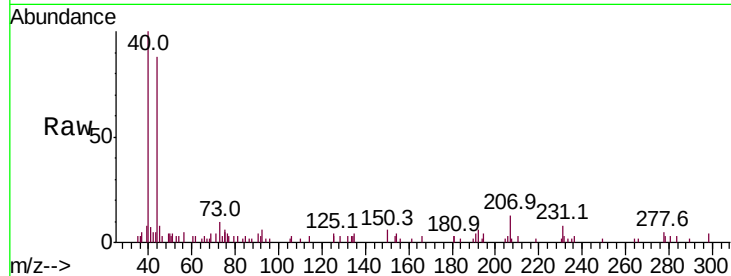




#89
n-Butylbenzene
Concen: 22.210 ug/l
RT: 12.94 min Scan# 1258
Delta R.T. 0.03 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

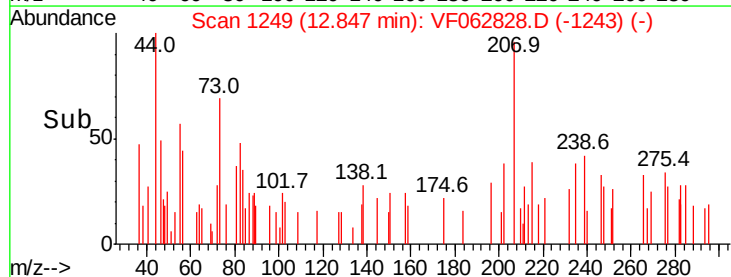
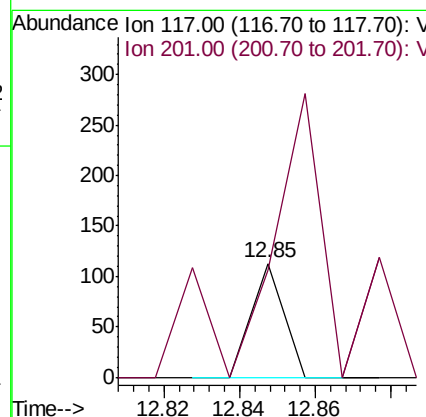
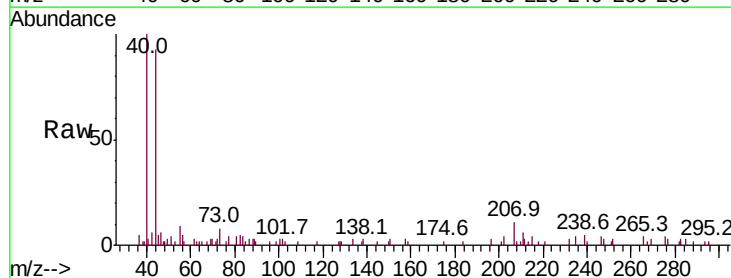
Instrument :
MSVOA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

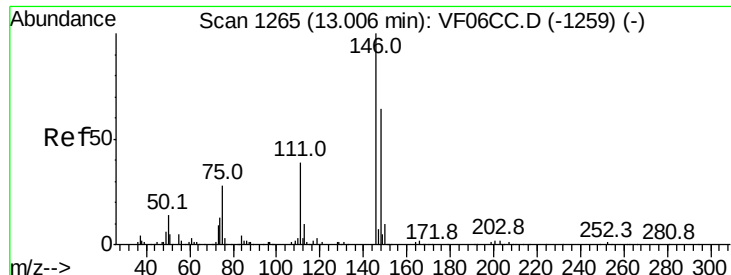
Tot Ion: 91 Resp: 363
Ion Ratio Lower Upper
91 100
92 83.2 34.2 102.6
134 101.2 15.8 47.3#



#90
Hexachloroethane
Concen: 16.907 ug/l
RT: 12.85 min Scan# 1249
Delta R.T. -0.14 min
Lab File: VF062828.D
Acq: 3 Jun 2019 14:56

Tgt Ion: 117 Resp: 67
Ion Ratio Lower Upper
117 100
201 93.8 38.9 116.7





#91

1,2-Dichlorobenzene

Concen: 12.359 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

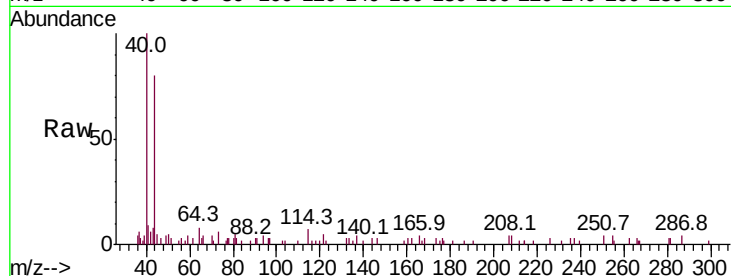
Tot Ion:146 Resp: 88

Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.3#

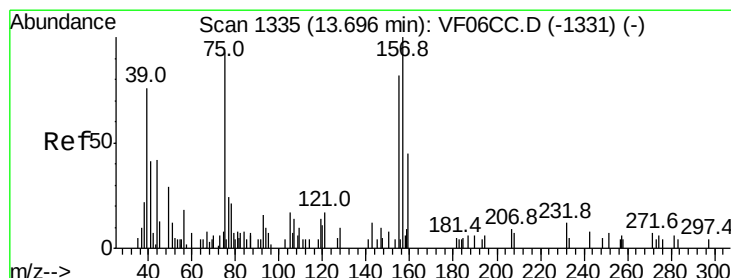
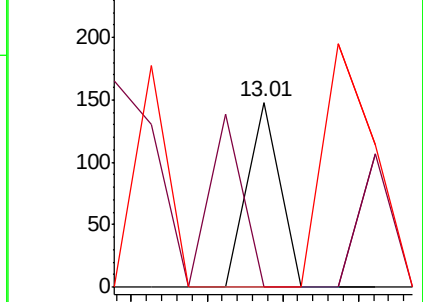
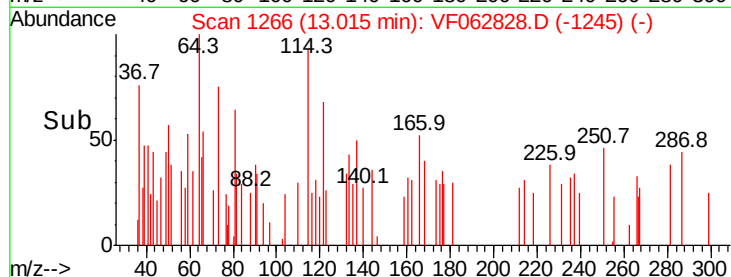
148 0.0 34.1 102.3#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 305.645 ug/l

RT: 13.70 min Scan# 1336

Delta R.T. 0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

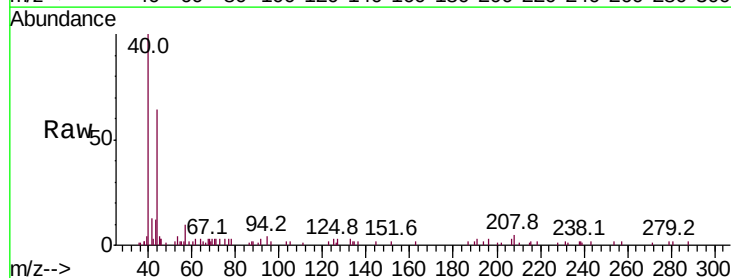
Tgt Ion: 75 Resp: 130

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.1#

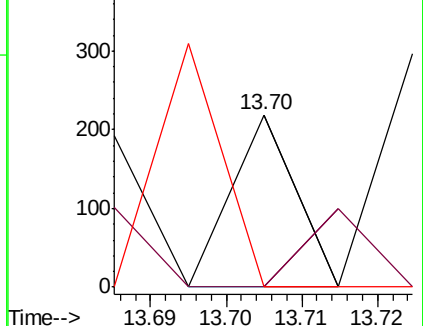
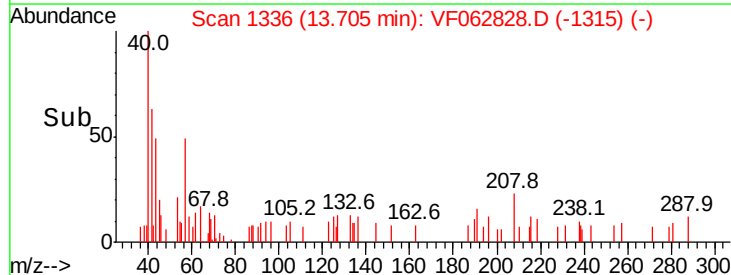
157 0.0 66.8 200.6#

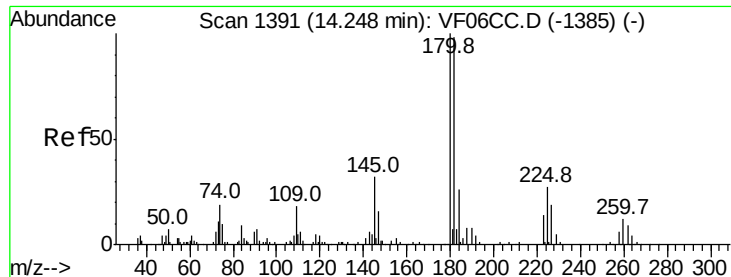


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#93

1,2,4-Trichlorobenzene

Concen: 22.909 ug/l

RT: 14.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

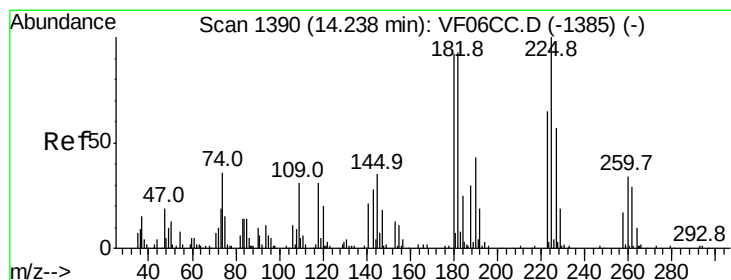
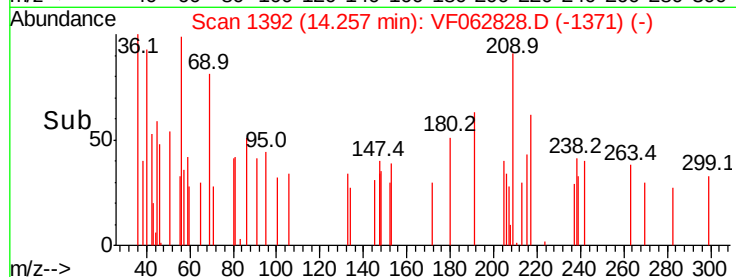
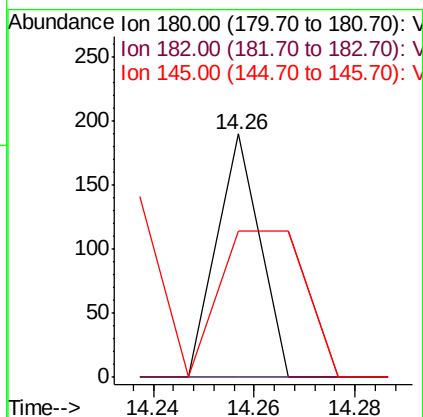
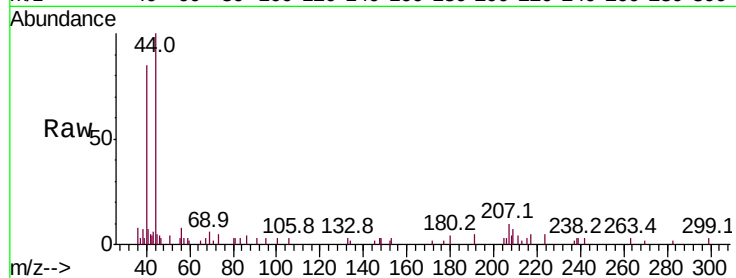
Tot Ion:180 Resp: 112

Ion Ratio Lower Upper

180 100

182 0.0 50.3 150.9#

145 60.0 15.4 46.2#



#94

Hexachlorobutadiene

Concen: 58.248 ug/l

RT: 14.37 min Scan# 1403

Delta R.T. 0.13 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

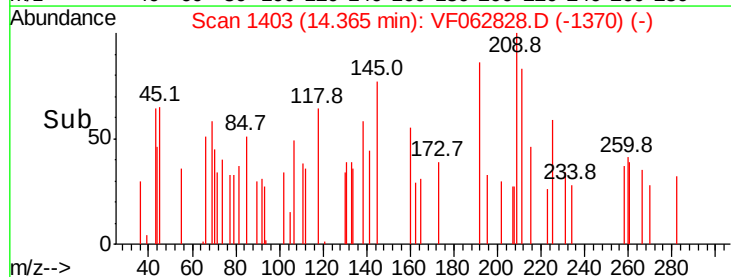
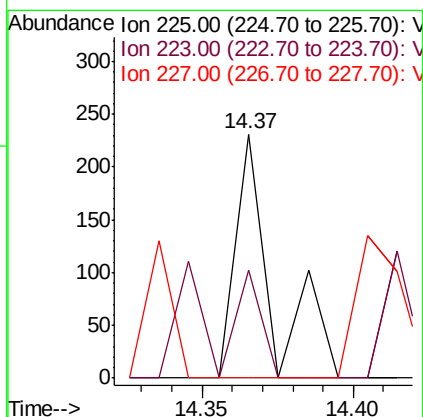
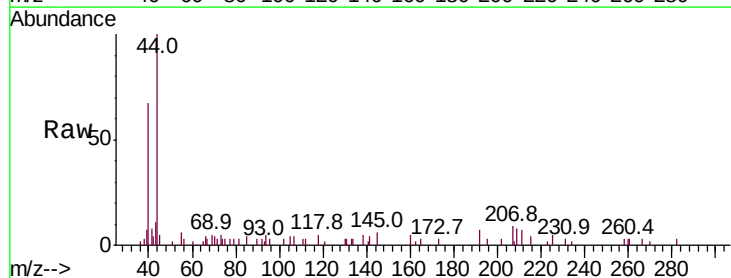
Tgt Ion:225 Resp: 197

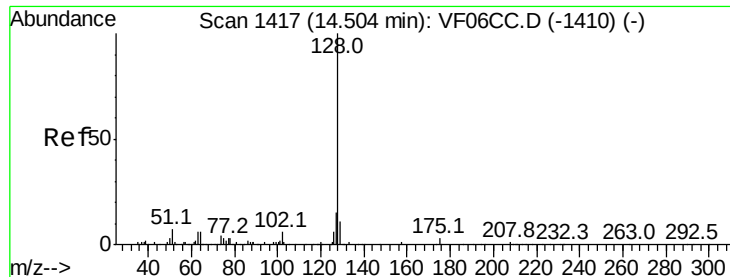
Ion Ratio Lower Upper

225 100

223 44.2 30.8 92.4

227 0.0 31.9 95.5#





#95

Naphthalene

Concen: 10.363 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.02 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

0428-HR-8(HACKENSACK)

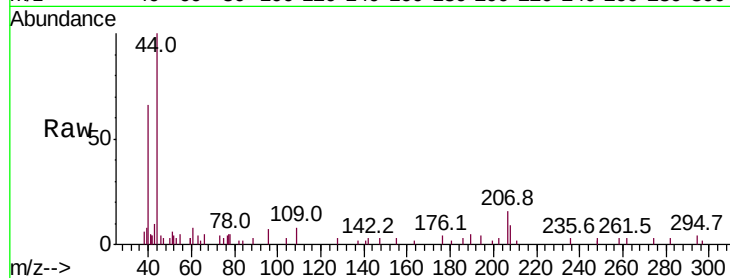
Tot Ion:128 Resp: 83

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

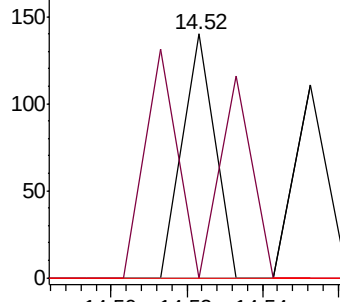
129 0.0 9.4 14.2#



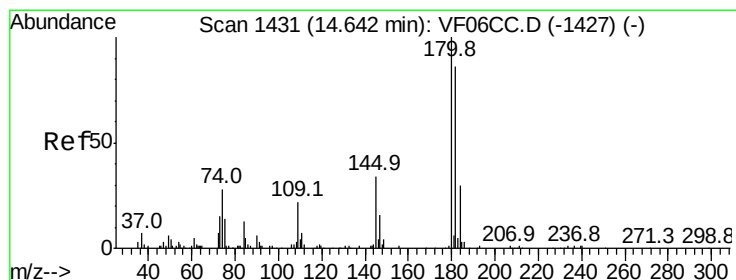
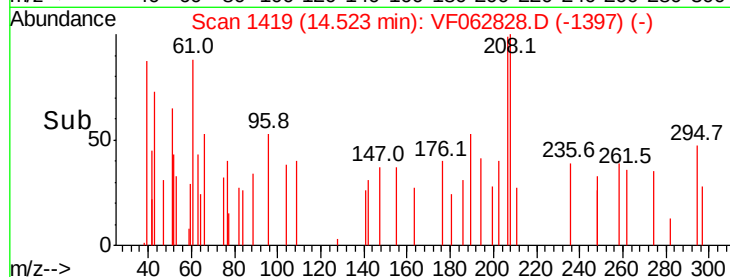
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 16.806 ug/l

RT: 14.63 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VF062828.D

Acq: 3 Jun 2019 14:56

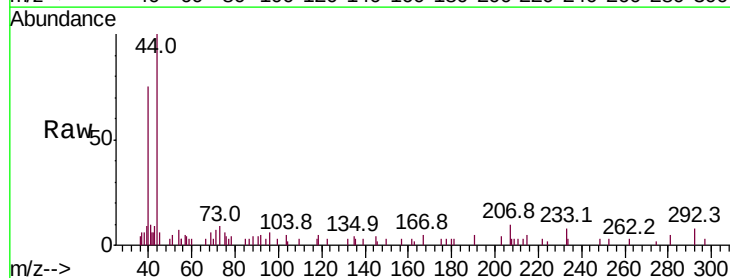
Tgt Ion:180 Resp: 75

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

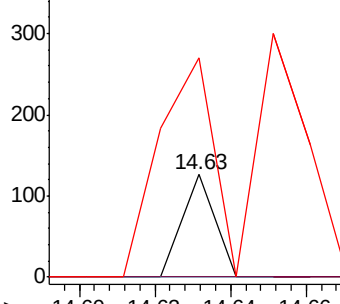
145 215.1 15.7 47.0#



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



Time-->

