

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062885.D
 Acq On : 6 Jun 2019 16:27
 Operator : FY/SY
 Sample : K3097-15
 Misc : 5.01µ/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 0435-HR-15(HACKENSACK)

Quant Time: Jun 07 01:13:28 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	4.92	168	148	50.00	ug/l	-0.15
34) 1,4-Difluorobenzene	5.64	114	88	50.00	ug/l	-0.16
63) Chlorobenzene-d5	9.66	117	60	50.00	ug/l	-0.27
72) 1,4-Dichlorobenzene-d4	12.65	152	393	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.89	65	446	435.79	ug/l	-0.16
Spiked Amount				50.000		
			Recovery	=	871.58%	
35) Dibromofluoromethane	4.19	113	126	189.48	ug/l	-0.14
Spiked Amount				50.000		
			Recovery	=	378.96%	
50) Toluene-d8	7.53	98	313	186.14	ug/l	-0.20
Spiked Amount				50.000		
			Recovery	=	372.28%	
62) 4-Bromofluorobenzene	11.18	95	386	638.14	ug/l	-0.33
Spiked Amount				50.000		
			Recovery	=	1276.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	75	44.295	ug/l #	1
3) Chloromethane	1.14	50	729	476.045	ug/l	91
4) Vinyl Chloride	1.06	62	447	293.737	ug/l	96
5) Bromomethane	1.31	94	627	722.464	ug/l	93
6) Chloroethane	1.44	64	413	725.869	ug/l #	36
7) Trichlorofluoromethane	1.53	101	154	71.484	ug/l #	66
8) Diethyl Ether	1.68	74	149	351.541	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	1.75	101	772	569.979	ug/l	88
10) Methyl Iodide	1.98	142	196	72.172	ug/l #	91
11) Tert butyl alcohol	2.65	59	200	3225.891	ug/l #	1
12) 1,1-Dichloroethene	1.81	96	1226	996.839	ug/l #	9
13) Acrolein	2.03	56	465	19401.126	ug/l	96
14) Allyl chloride	2.19	41	968	1014.526	ug/l #	38
15) Acrylonitrile	3.05	53	463	1987.432	ug/l #	16
16) Acetone	2.29	43	593	2531.592	ug/l #	83
17) Carbon Disulfide	1.86	76	444	123.517	ug/l #	1
18) Methyl Acetate	2.42	43	921	2250.005	ug/l #	47
19) Methyl tert-butyl Ether	2.50	73	615	276.004	ug/l #	1
20) Methylene Chloride	2.31	84	87	75.705	ug/l #	48
21) trans-1,2-Dichloroethene	2.34	96	351	284.637	ug/l #	1
22) Diisopropyl ether	2.89	45	514	189.612	ug/l #	56
23) Vinyl Acetate	3.26	43	702	378.267	ug/l #	73
24) 1,1-Dichloroethane	2.89	63	256	126.482	ug/l #	14
25) 2-Butanone	4.44	43	775	1420.736	ug/l #	27
26) 2,2-Dichloropropane	3.56	77	1221	1062.450	ug/l	98
27) cis-1,2-Dichloroethene	3.56	96	1018	491.110	ug/l	34
28) Bromochloromethane	3.80	49	268	243.426	ug/l #	74
29) Tetrahydrofuran	4.20	42	486	2329.423	ug/l #	57
30) Chloroform	3.94	83	191	66.958	ug/l #	15
31) Cyclohexane	3.81	56	244	89.044	ug/l #	21
32) 1,1,1-Trichloroethane	4.19	97	393	236.627	ug/l #	22
36) 1,1-Dichloropropene	4.25	75	650	802.349	ug/l	87
37) Ethyl Acetate	4.23	43	777	2509.039	ug/l #	58
38) Carbon Tetrachloride	4.06	117	99	180.818	ug/l #	11

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	175	173.564	ug/l #	32
40) Benzene	4.68	78	341	144.630	ug/l #	1
41) Methacrylonitrile	4.82	41	573	3328.341	ug/l #	57
42) 1,2-Dichloroethane	4.97	62	478	1065.952	ug/l	69
43) Isopropyl Acetate	6.96	43	465	1136.667	ug/l #	97
44) Trichloroethene	5.52	130	392	589.111	ug/l	3
45) 1,2-Dichloropropane	6.25	63	395	667.605	ug/l #	44
46) Dibromomethane	6.09	93	318	920.563	ug/l #	20
47) Bromodichloromethane	6.42	83	182	258.702	ug/l #	84
48) Methyl methacrylate	6.69	41	436	2068.007	ug/l #	63
49) 1,4-Dioxane	6.98	88	222	79885.161	ug/l	92
51) 4-Methyl-2-Pentanone	8.29	43	335	1147.000	ug/l	89
52) Toluene	7.67	92	65	51.185	ug/l	84
53) t-1,3-Dichloropropene	8.19	75	134	229.860	ug/l #	3
54) cis-1,3-Dichloropropene	7.21	75	339	401.729	ug/l #	1
55) 1,1,2-Trichloroethane	8.40	97	68	179.238	ug/l #	45
56) Ethyl methacrylate	8.51	69	567	1392.888	ug/l #	50
57) 1,3-Dichloropropane	8.75	76	394	635.957	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.28	63	80	562.329	ug/l #	51
59) 2-Hexanone	9.40	43	741	3559.496	ug/l	85
60) Dibromochloromethane	8.60	129	80	170.322	ug/l #	1
61) 1,2-Dibromoethane	8.97	107	142	360.395	ug/l	80
64) Tetrachloroethene	8.34	164	64	138.810	ug/l #	1
65) Chlorobenzene	10.00	112	181	156.210	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.08	131	86	186.365	ug/l #	1
67) Ethyl Benzene	10.06	91	377	189.603	ug/l #	42
68) m/p-Xylenes	10.43	106	89	116.970	ug/l	96
69) o-Xylene	10.73	106	66	85.674	ug/l	91
70) Styrene	10.88	104	143	125.940	ug/l #	1
71) Bromoform	10.88	173	166	749.875	ug/l #	28
73) Isopropylbenzene	11.23	105	281	10.247	ug/l #	44
74) N-amyl acetate	11.48	43	1218	157.595	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	11.78	83	113	19.296	ug/l #	7
76) 1,2,3-Trichloropropane	11.83	75	433	111.549	ug/l	96
77) Bromobenzene	11.61	156	99	14.369	ug/l #	1
78) n-propylbenzene	11.69	91	309	9.332	ug/l #	49
79) 2-Chlorotoluene	11.90	91	394	20.797	ug/l	91
80) 1,3,5-Trimethylbenzene	11.91	105	295	13.155	ug/l	66
81) trans-1,4-Dichloro-2-buten	11.97	75	313	190.460	ug/l #	28
82) 4-Chlorotoluene	11.90	91	394	21.162	ug/l	96
83) tert-Butylbenzene	12.24	119	144	6.480	ug/l #	30
84) 1,2,4-Trimethylbenzene	12.29	105	344	16.179	ug/l #	24
85) sec-Butylbenzene	12.39	105	62	2.117	ug/l #	55
86) p-Isopropyltoluene	12.54	119	161	6.606	ug/l #	35
87) 1,3-Dichlorobenzene	12.52	146	63	5.185	ug/l #	23
88) 1,4-Dichlorobenzene	12.63	146	83	7.319	ug/l #	28
89) n-Butylbenzene	12.93	91	366	14.929	ug/l #	24
90) Hexachloroethane	12.97	117	75	12.617	ug/l #	10
91) 1,2-Dichlorobenzene	13.00	146	186	17.415	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.70	75	251	393.421	ug/l #	1

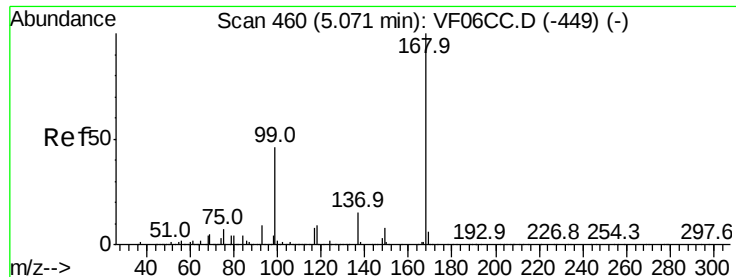
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	64	8.727	ug/l #	1
94) Hexachlorobutadiene	14.23	225	89	17.543	ug/l #	19
95) Naphthalene	14.49	128	222	18.478	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.53	180	148	22.109	ug/l #	11

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

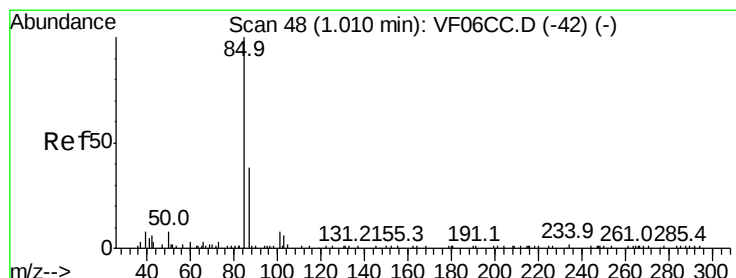
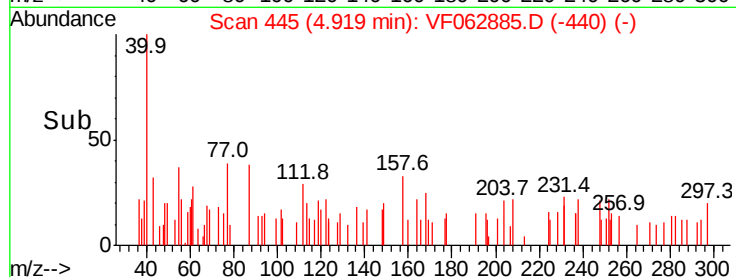
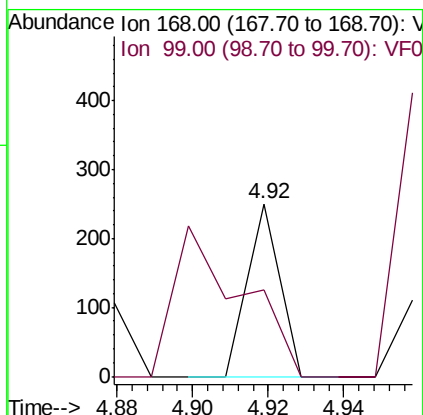
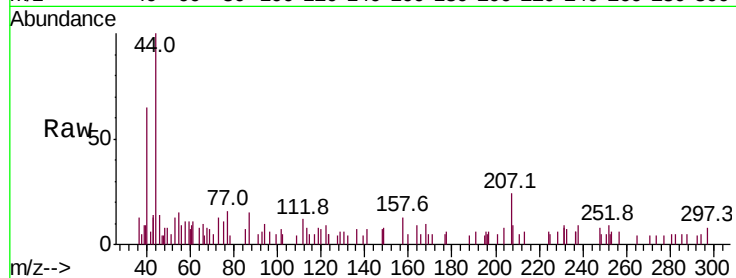


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 4.92 min Scan# 445
 Delta R.T. -0.15 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

Instrument :
 MSVOA_F
 ClientSampleId :
 0435-HR-15(HACKENSACK)

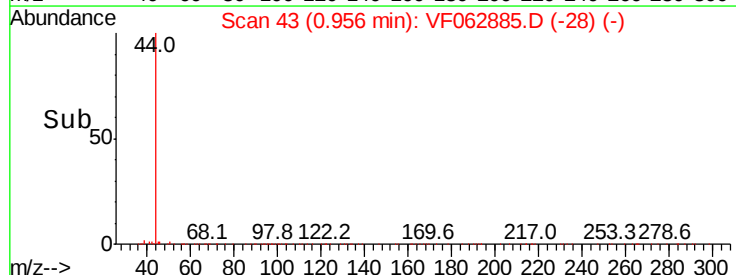
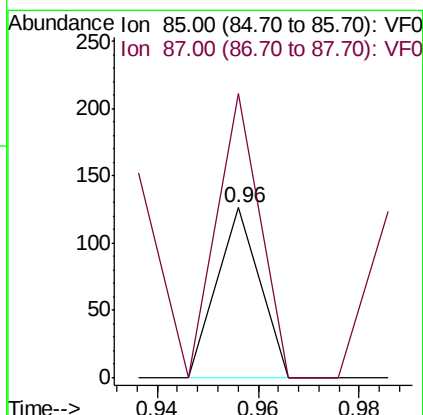
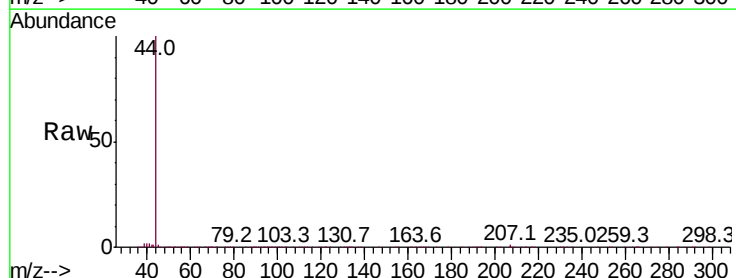
Tot Ion:168 Resp: 148
 Ion Ratio Lower Upper
 168 100
 99 50.4 39.1 58.7

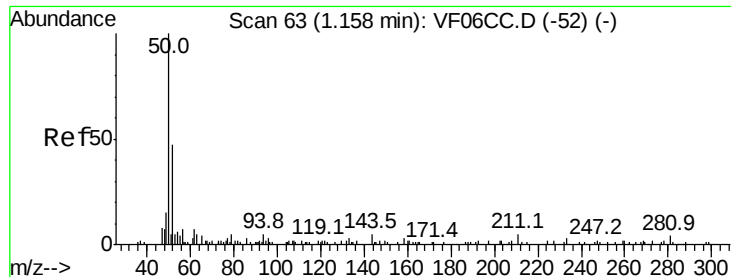


#2

Dichlorodifluoromethane
 Concen: 44.295 ug/l
 RT: 0.96 min Scan# 43
 Delta R.T. -0.05 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

Tgt Ion: 85 Resp: 75
 Ion Ratio Lower Upper
 85 100
 87 167.5 17.6 52.9#





#3

Chloromethane

Concen: 476.045 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

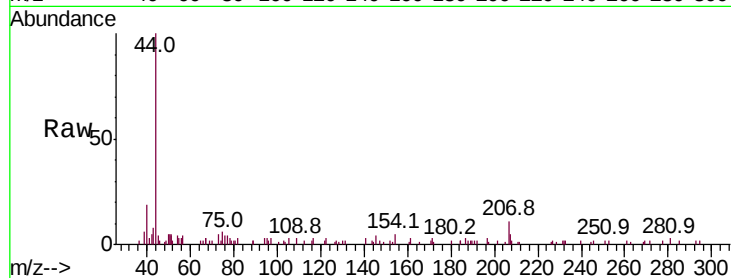
0435-HR-15(HACKENSACK)

Tot Ion: 50 Resp: 729

Ion Ratio Lower Upper

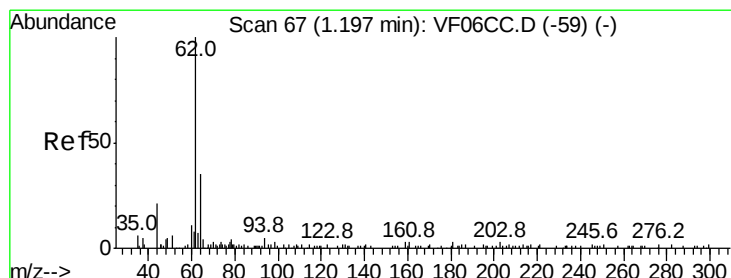
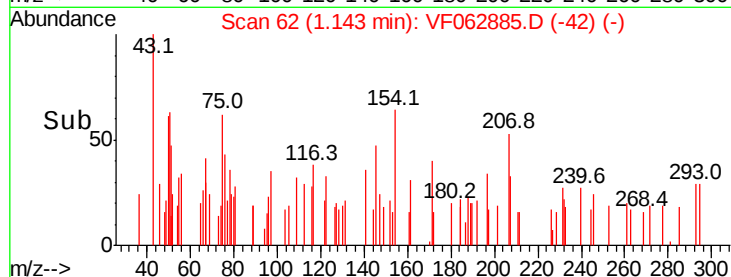
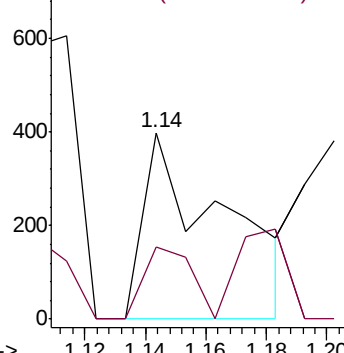
50 100

52 38.6 27.0 40.4



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 293.737 ug/l

RT: 1.06 min Scan# 54

Delta R.T. -0.13 min

Lab File: VF062885.D

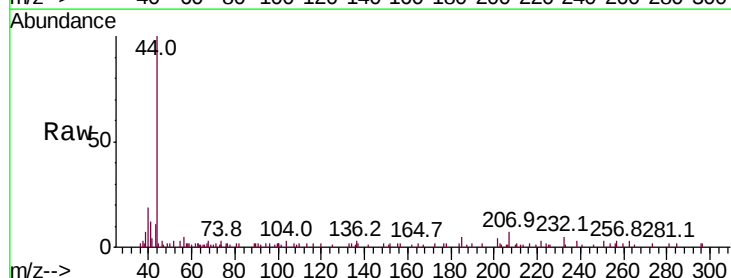
Acq: 6 Jun 2019 16:27

Tgt Ion: 62 Resp: 447

Ion Ratio Lower Upper

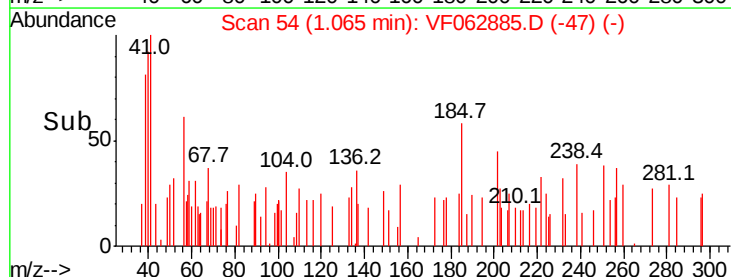
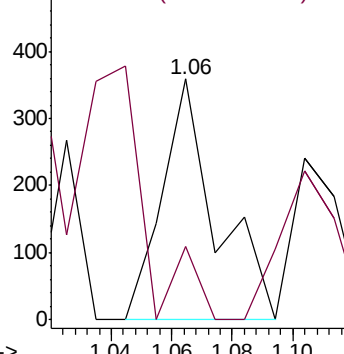
62 100

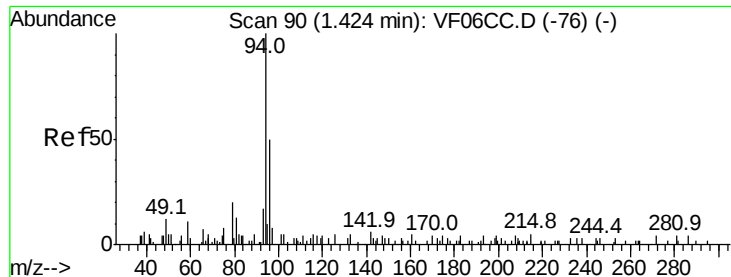
64 30.4 26.2 39.2



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 722.464 ug/l

RT: 1.31 min Scan# 79

Delta R.T. -0.10 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

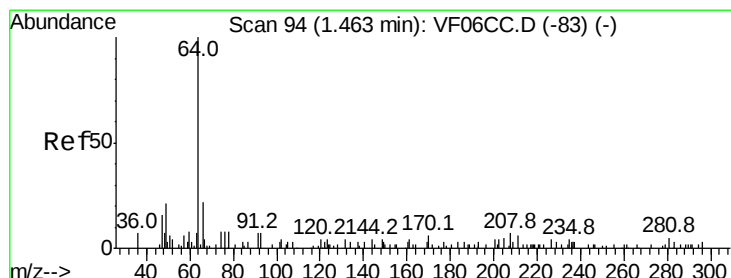
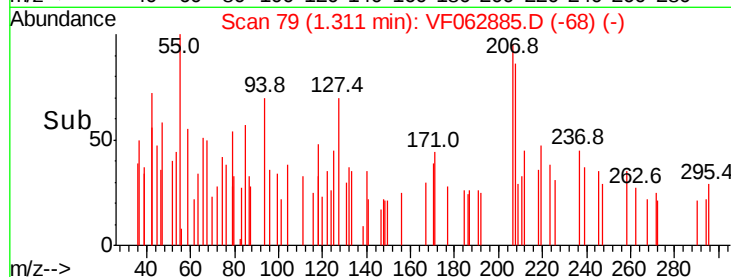
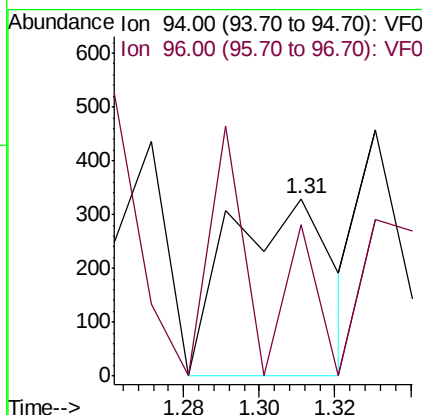
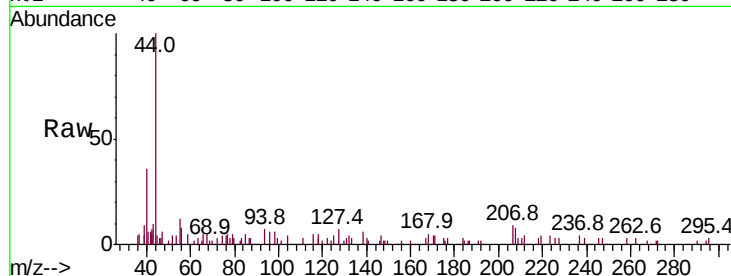
0435-HR-15(HACKENSACK)

Tot Ion: 94 Resp: 627

Ion Ratio Lower Upper

94 100

96 85.5 73.8 110.6



#6

Chloroethane

Concen: 725.869 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.03 min

Lab File: VF062885.D

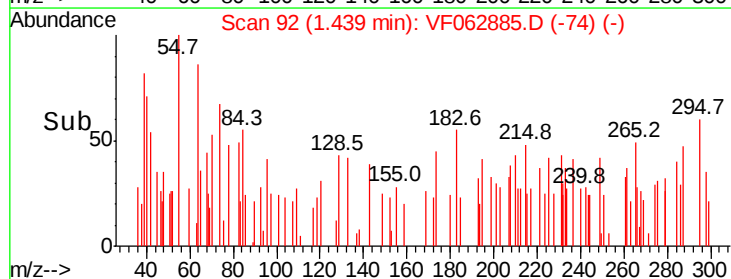
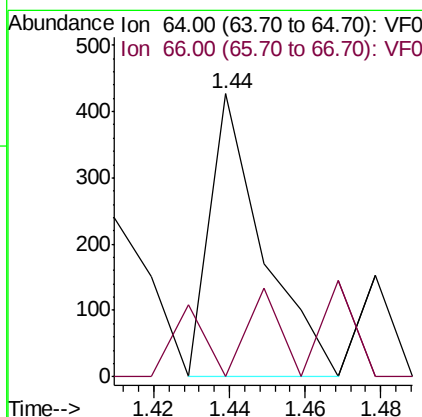
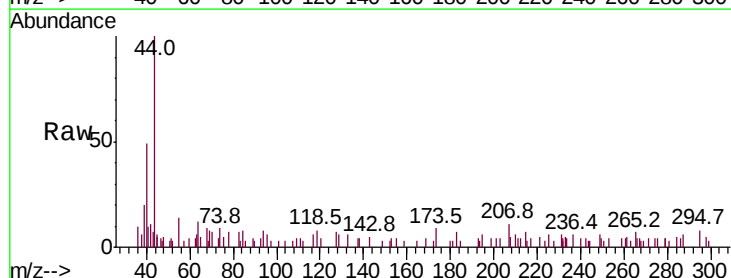
Acq: 6 Jun 2019 16:27

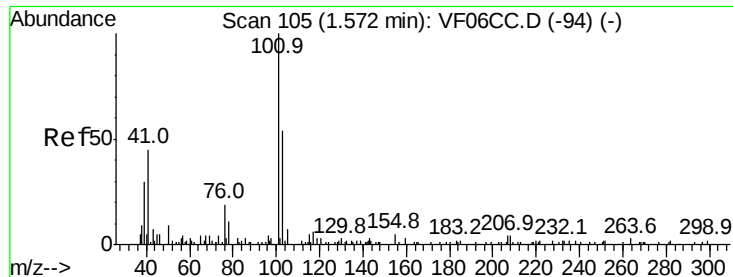
Tgt Ion: 64 Resp: 413

Ion Ratio Lower Upper

64 100

66 0.0 31.0 46.4#



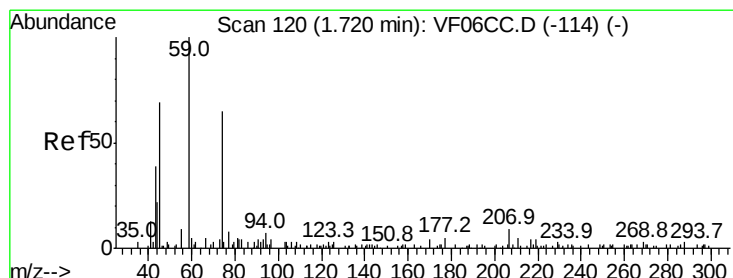
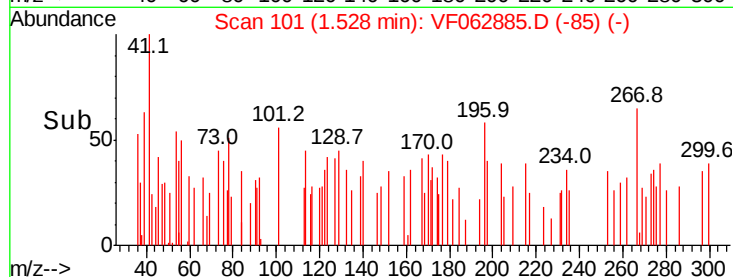
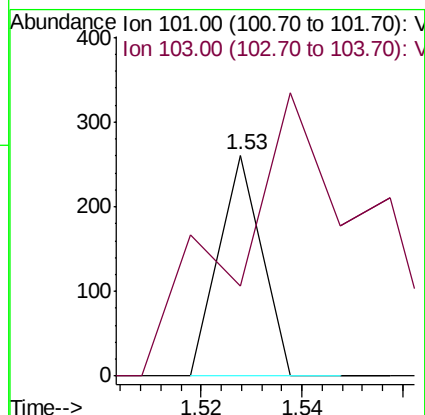
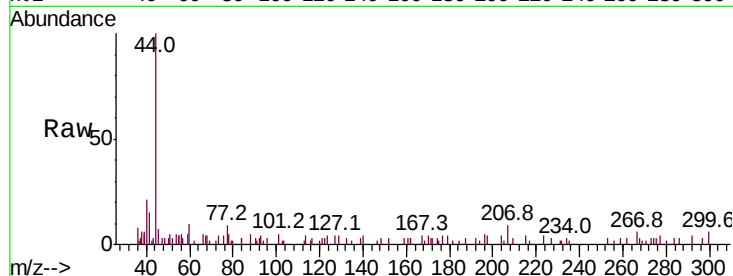


#7

Trichlorofluoromethane
 Concen: 71.484 ug/l
 RT: 1.53 min Scan# 101
 Delta R.T. -0.05 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

Instrument :
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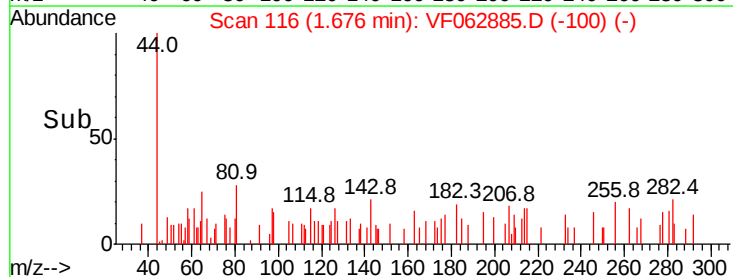
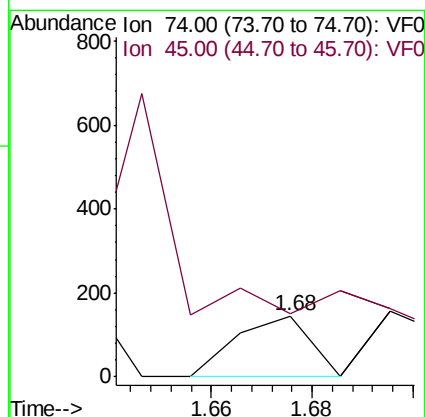
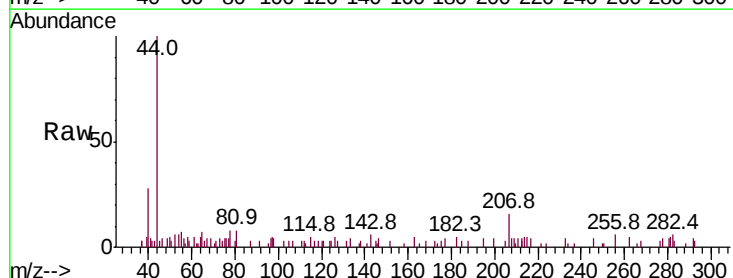
Tot Ion:101 Resp: 154
 Ion Ratio Lower Upper
 101 100
 103 41.0 54.6 82.0#

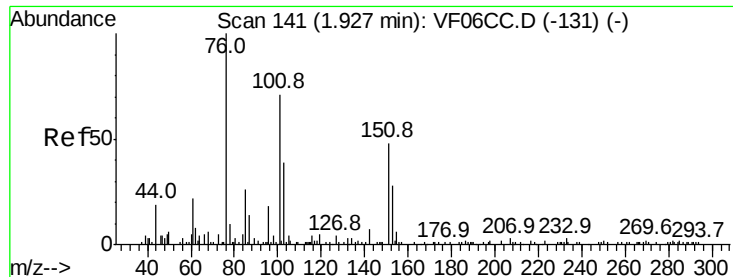


#8

Diethyl Ether
 Concen: 351.541 ug/l
 RT: 1.68 min Scan# 116
 Delta R.T. -0.05 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

Tgt Ion: 74 Resp: 149
 Ion Ratio Lower Upper
 74 100
 45 103.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 569.979 ug/l

RT: 1.75 min Scan# 124

Delta R.T. -0.18 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

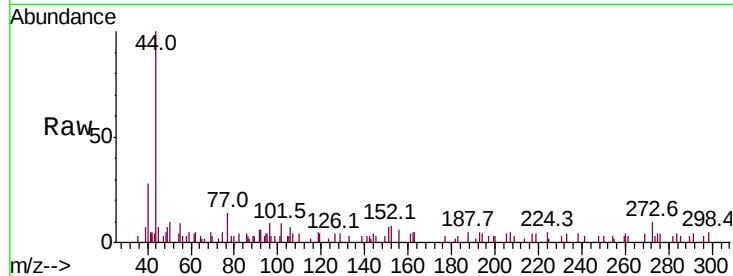
Tot Ion:101 Resp: 772

Ion Ratio Lower Upper

101 100

85 40.2 37.1 55.7

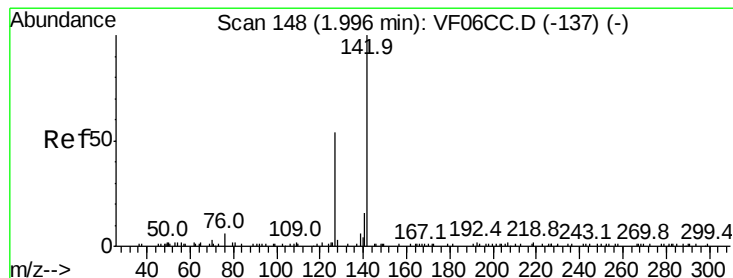
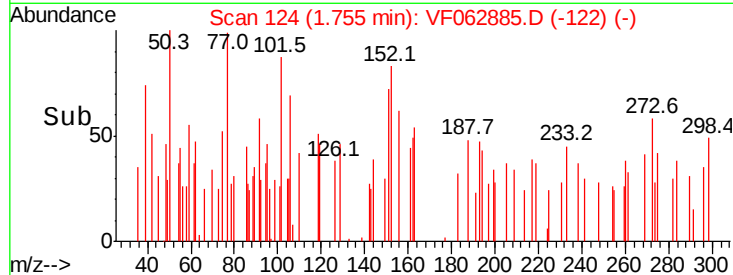
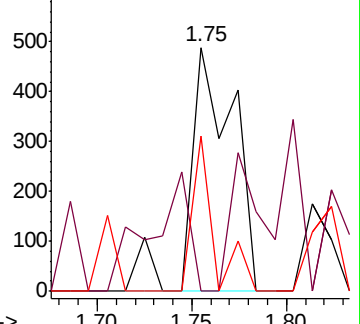
151 63.5 60.3 90.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 72.172 ug/l

RT: 1.98 min Scan# 147

Delta R.T. -0.04 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

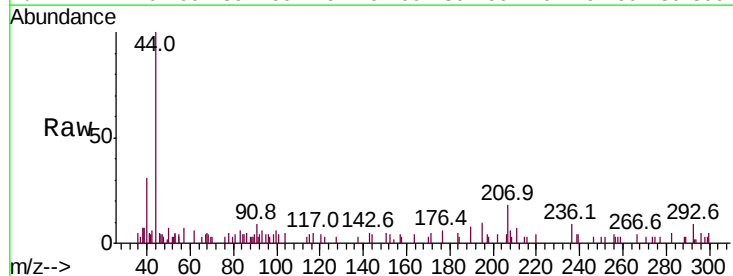
Tgt Ion:142 Resp: 196

Ion Ratio Lower Upper

142 100

127 51.4 39.4 59.2

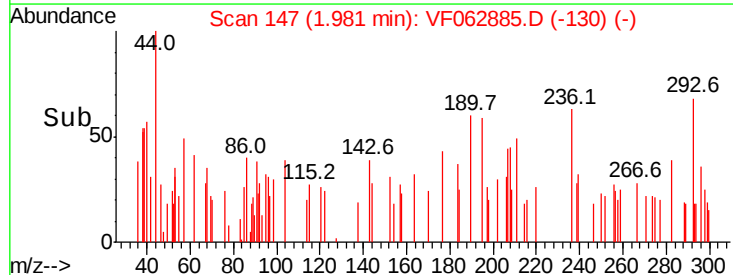
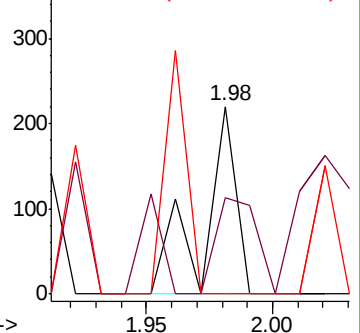
141 0.0 10.6 15.8#

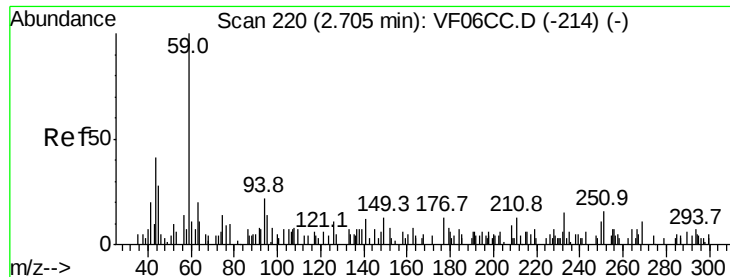


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



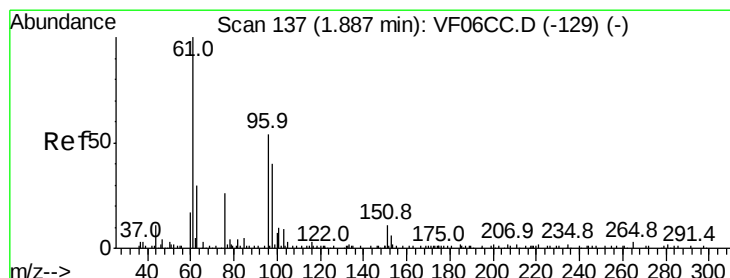
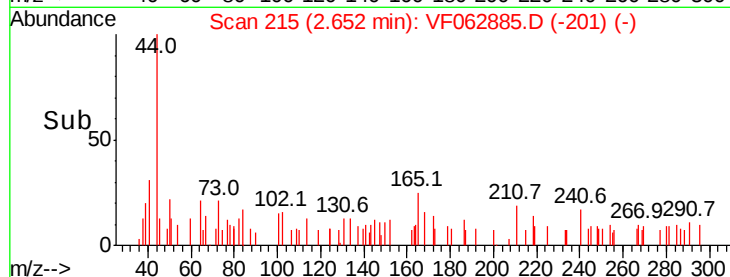
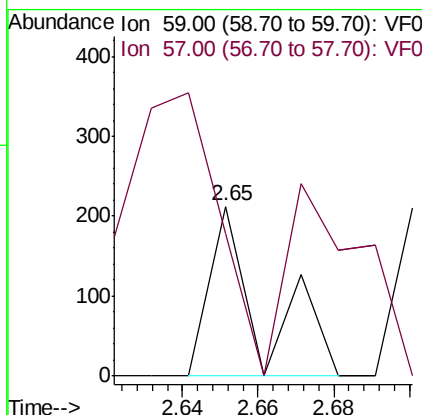
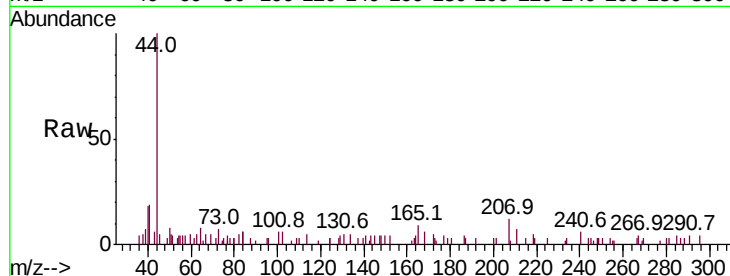


#11

Tert butyl alcohol
Concen: 3225.891 ug/l
RT: 2.65 min Scan# 215
Delta R.T. -0.07 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

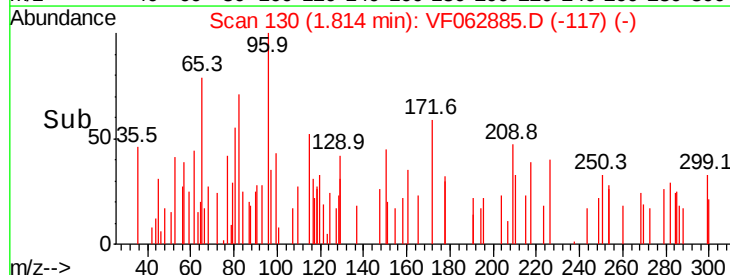
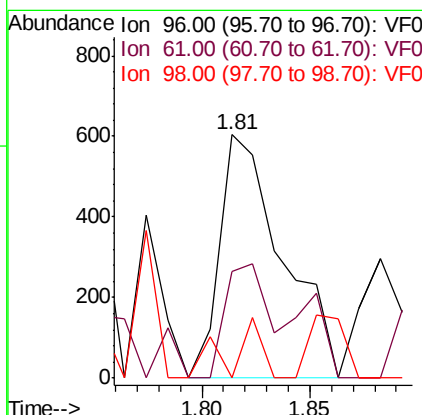
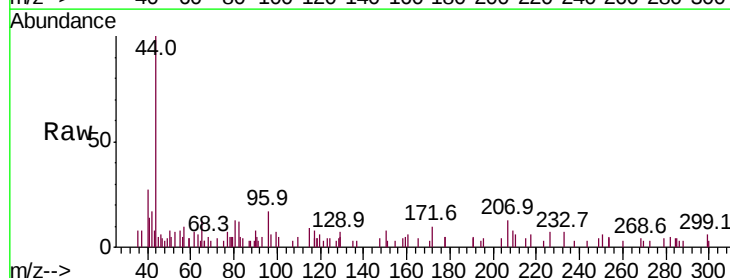
Tot Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 84.0 9.2 13.8#

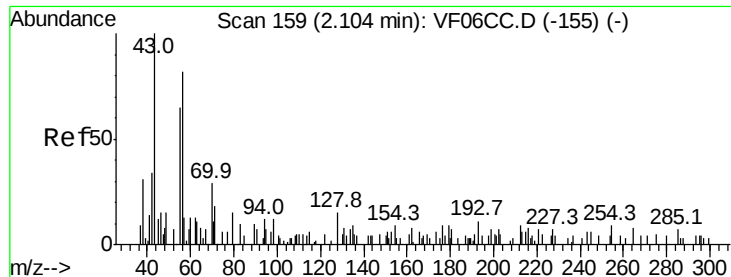


#12

1,1-Dichloroethene
Concen: 996.839 ug/l
RT: 1.81 min Scan# 130
Delta R.T. -0.08 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion: 96 Resp: 1226
Ion Ratio Lower Upper
96 100
61 43.7 139.4 209.2#
98 0.0 50.3 75.5#





#13

Acrolein

Concen: 19401.126 ug/l

RT: 2.03 min Scan# 152

Delta R.T. -0.08 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

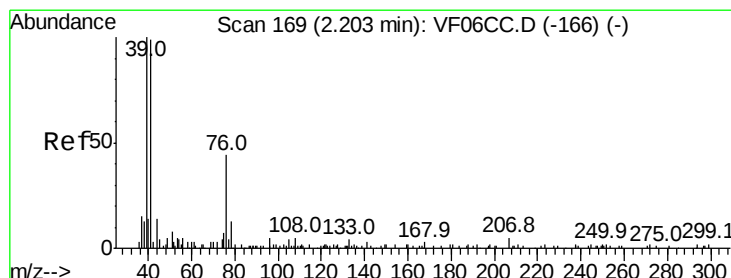
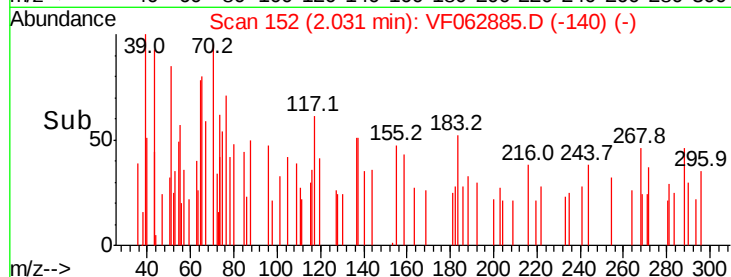
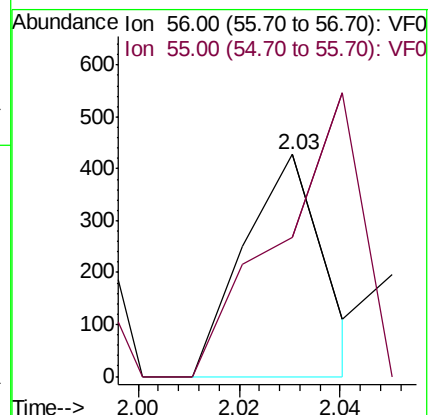
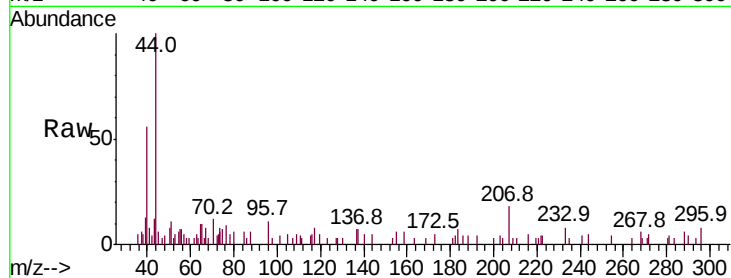
0435-HR-15(HACKENSACK)

Tot Ion: 56 Resp: 465

Ion Ratio Lower Upper

56 100

55 63.0 52.9 79.3



#14

Allyl chloride

Concen: 1014.526 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.03 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

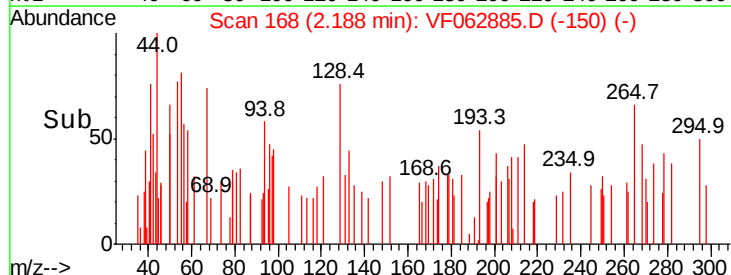
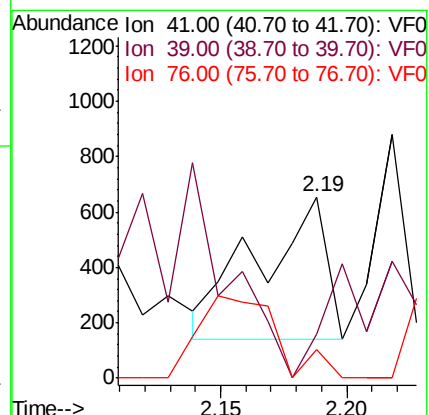
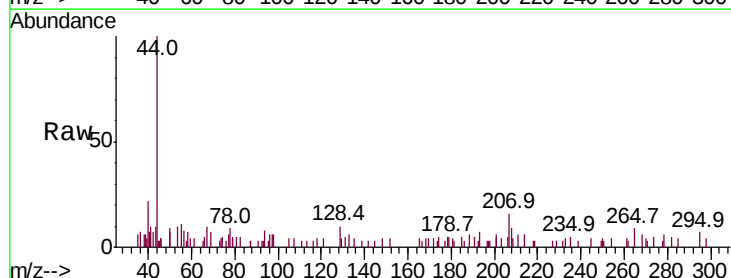
Tgt Ion: 41 Resp: 968

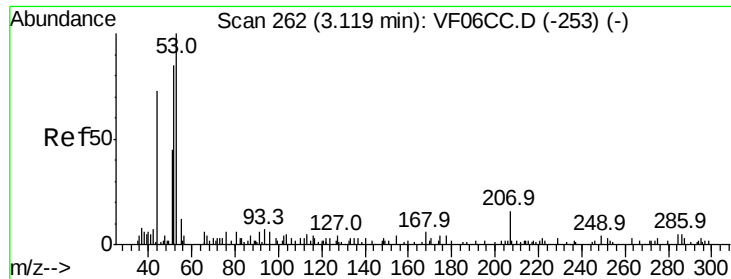
Ion Ratio Lower Upper

41 100

39 24.2 71.9 107.9#

76 15.9 39.6 59.4#





#15

Acrylonitrile

Concen: 1987.432 ug/l

RT: 3.05 min Scan# 255

Delta R.T. -0.07 min

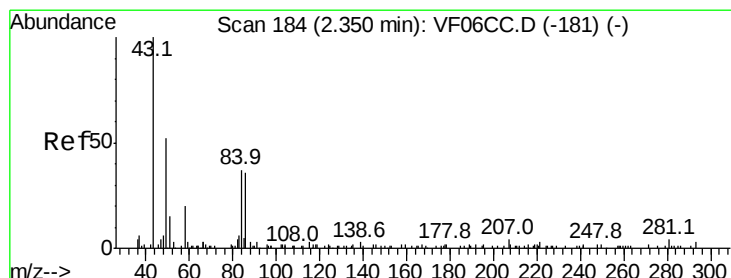
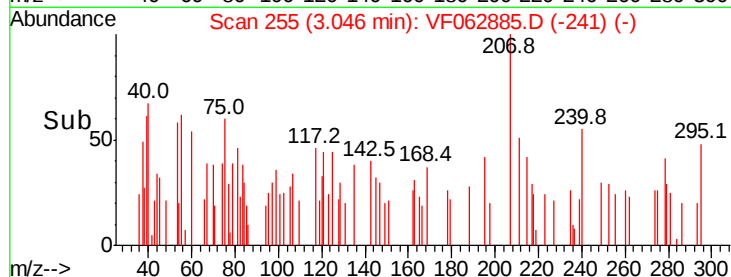
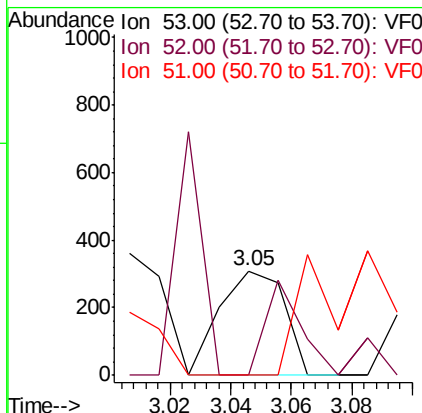
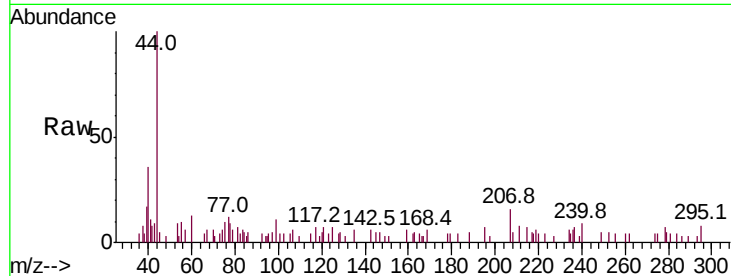
Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

Tot Ion: 53 Resp: 463

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



#16

Acetone

Concen: 2531.592 ug/l

RT: 2.29 min Scan# 178

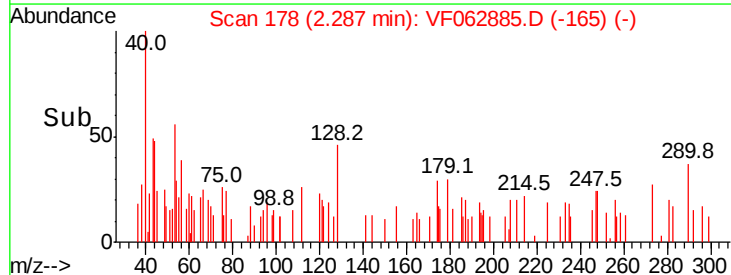
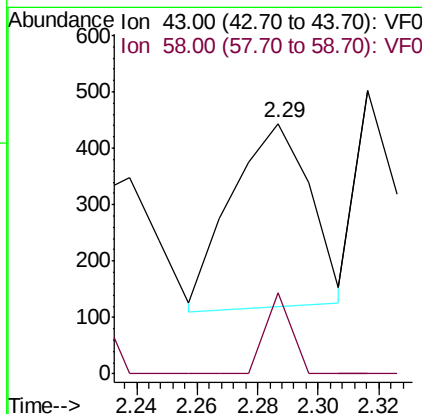
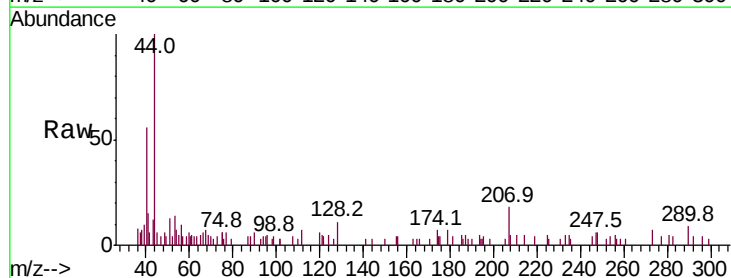
Delta R.T. -0.08 min

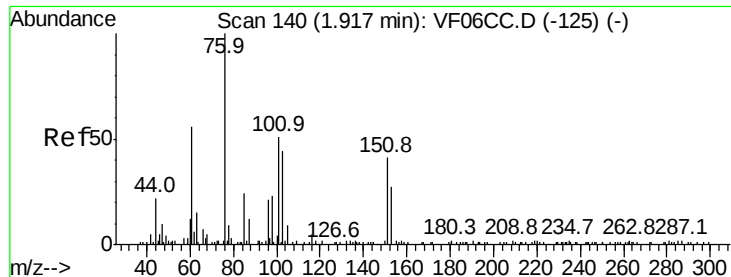
Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Tgt Ion: 43 Resp: 593

Ion	Ratio	Lower	Upper
43	100		
58	32.2	19.0	28.4#





#17

Carbon Disulfide

Concen: 123.517 ug/l

RT: 1.86 min Scan# 135

Delta R.T. -0.07 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

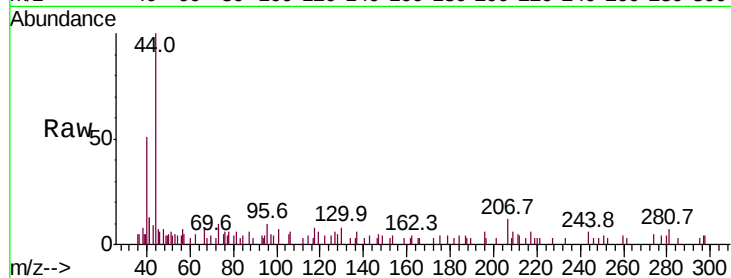
0435-HR-15(HACKENSACK)

Tot Ion: 76 Resp: 444

Ion Ratio Lower Upper

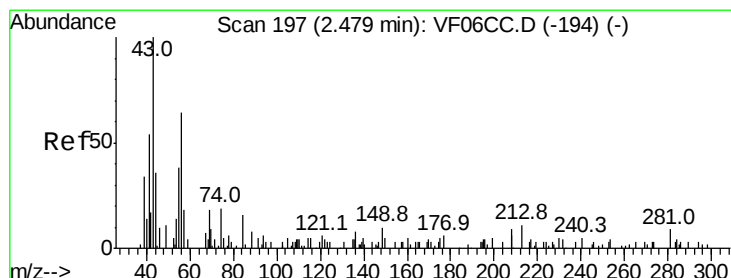
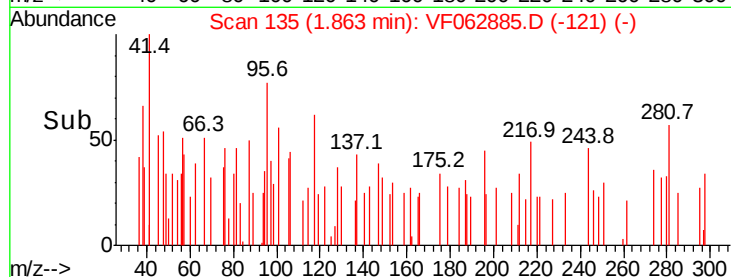
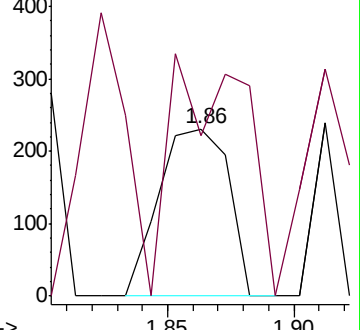
76 100

78 95.7 9.4 14.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 2250.005 ug/l

RT: 2.42 min Scan# 192

Delta R.T. -0.06 min

Lab File: VF062885.D

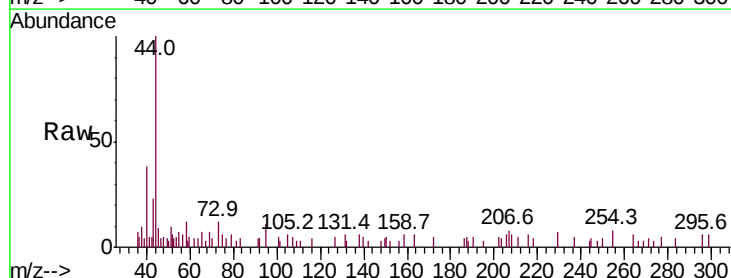
Acq: 6 Jun 2019 16:27

Tgt Ion: 43 Resp: 921

Ion Ratio Lower Upper

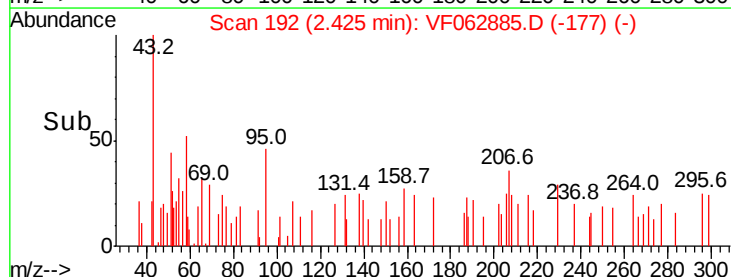
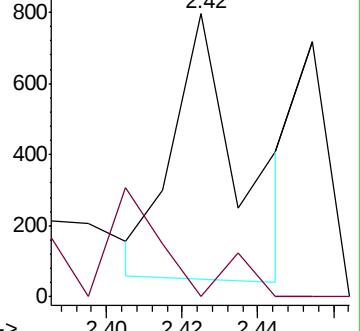
43 100

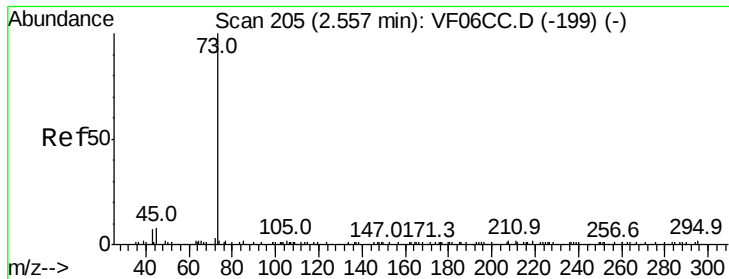
74 0.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

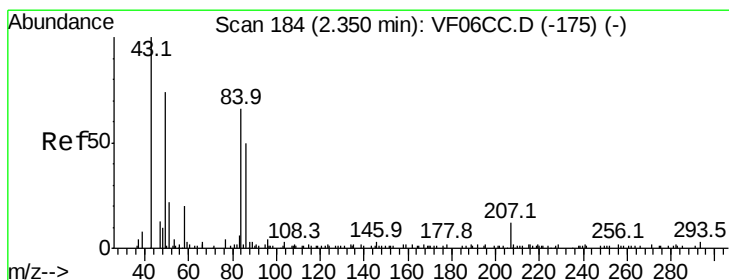
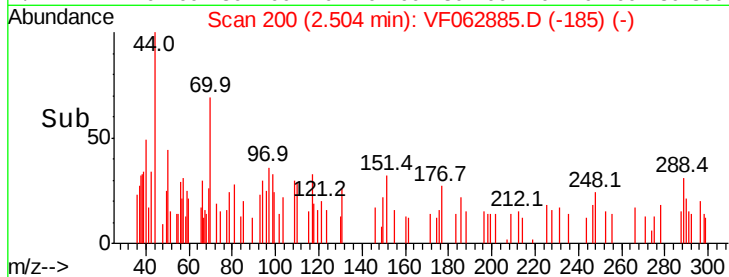
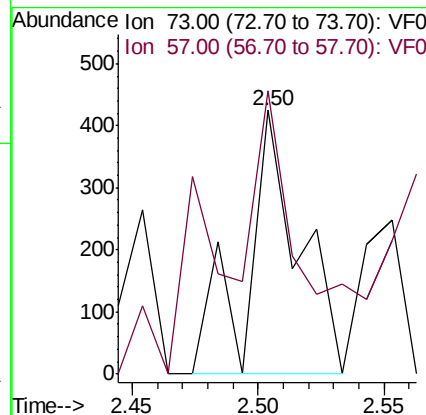
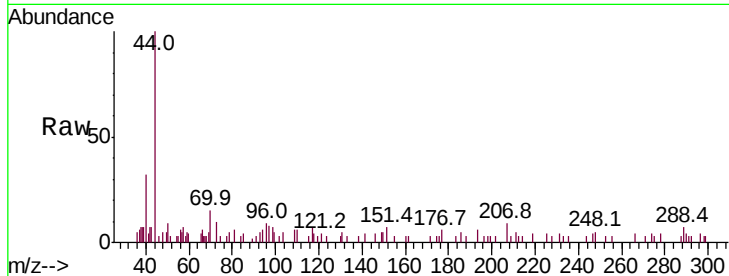




#19
Methyl tert-butyl Ether
Concen: 276.004 ug/l
RT: 2.50 min Scan# 200
Delta R.T. -0.06 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

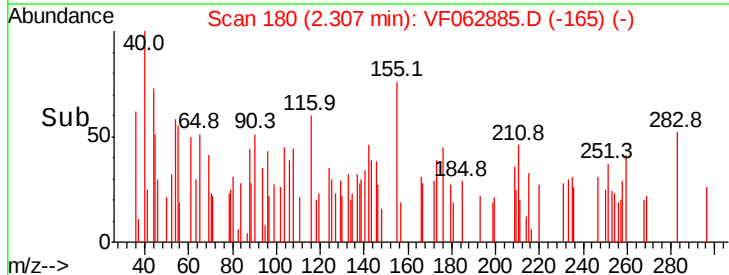
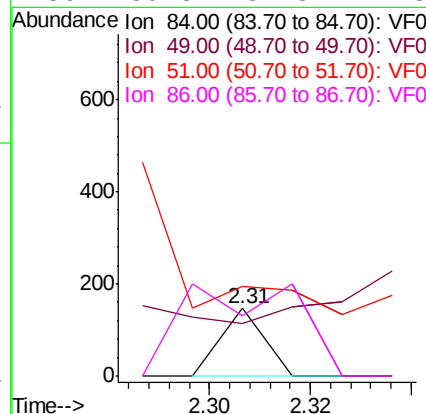
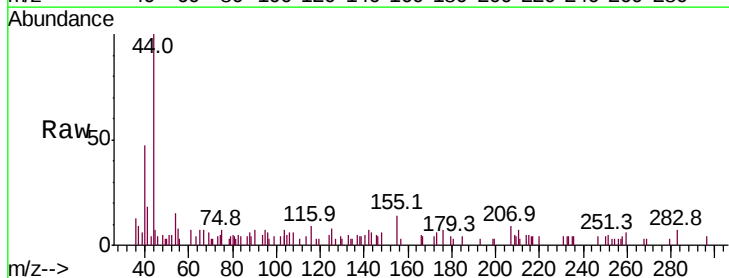
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

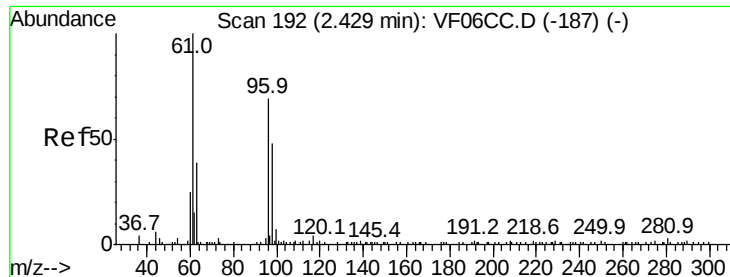
Tot Ion: 73 Resp: 615
Ion Ratio Lower Upper
73 100
57 107.3 15.1 22.7#



#20
Methylene Chloride
Concen: 75.705 ug/l
RT: 2.31 min Scan# 180
Delta R.T. -0.06 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion: 84 Resp: 87
Ion Ratio Lower Upper
84 100
49 78.2 82.6 123.8#
51 132.7 25.0 37.4#
86 89.8 51.5 77.3#





#21

trans-1,2-Dichloroethene

Concen: 284.637 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.11 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

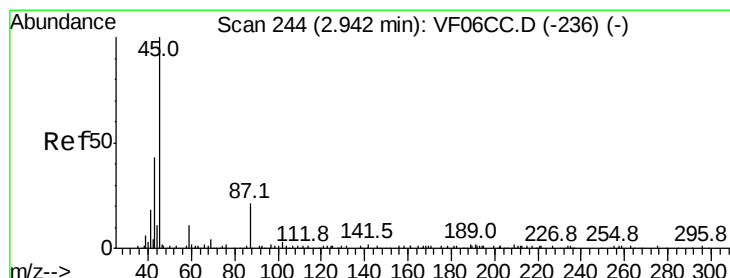
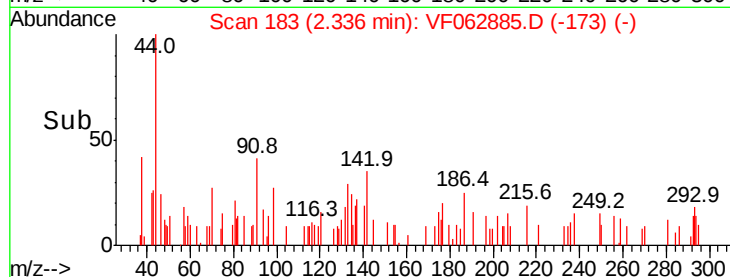
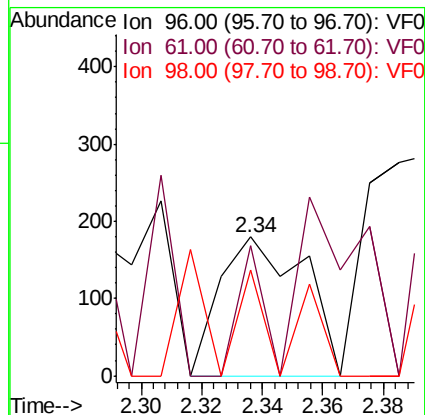
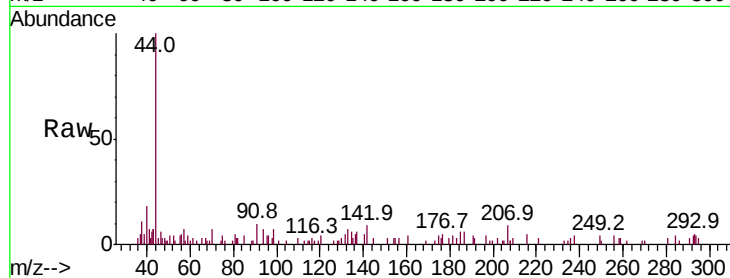
Tot Ion: 96 Resp: 351

Ion Ratio Lower Upper

96 100

61 93.3 105.0 157.6#

98 262.8 51.1 76.7#



#22

Diisopropyl ether

Concen: 189.612 ug/l

RT: 2.89 min Scan# 239

Delta R.T. -0.07 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Tgt Ion: 45 Resp: 514

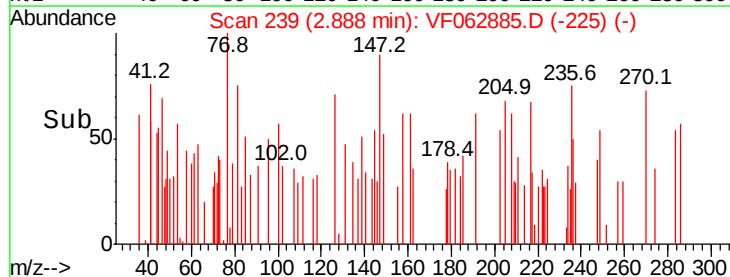
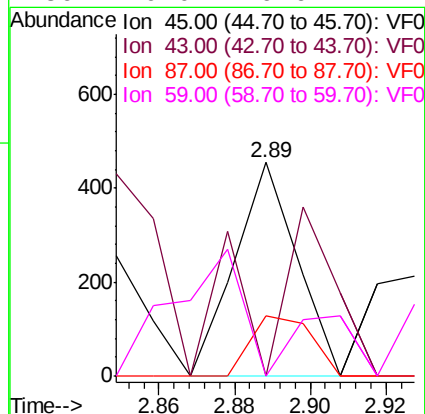
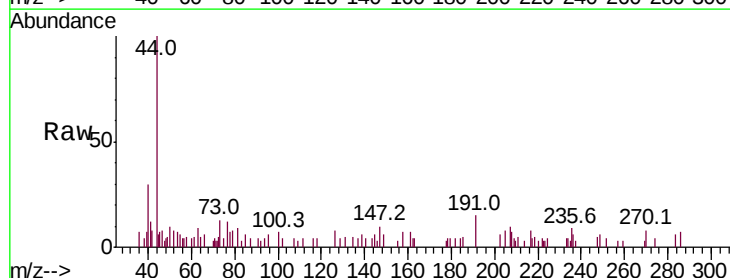
Ion Ratio Lower Upper

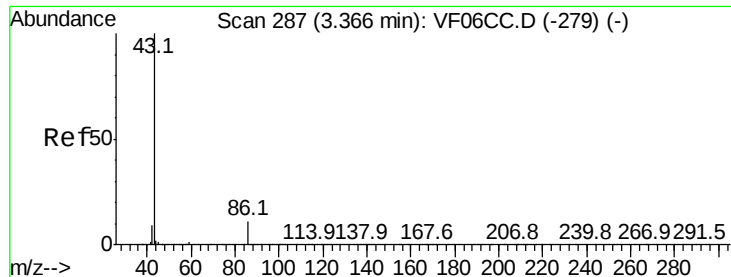
45 100

43 0.0 34.3 51.5#

87 27.9 19.0 28.4

59 0.0 9.6 14.4#





#23

Vinyl Acetate

Concen: 378.267 ug/l

RT: 3.26 min Scan# 277

Delta R.T. -0.11 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

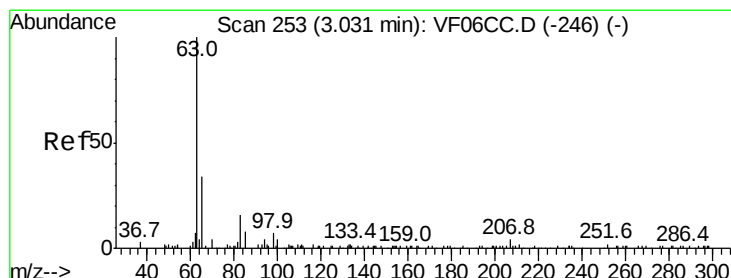
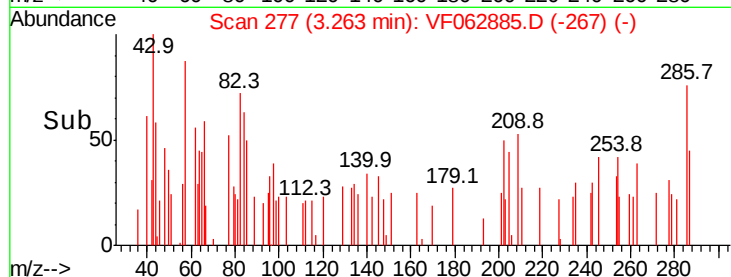
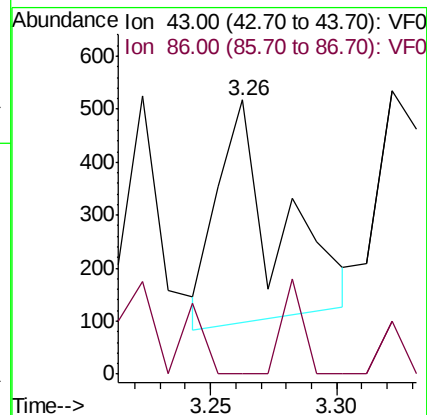
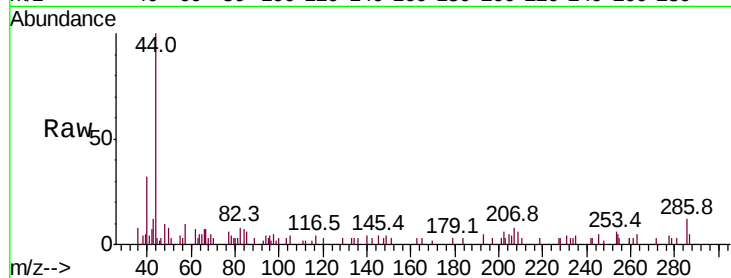
0435-HR-15(HACKENSACK)

Tot Ion: 43 Resp: 702

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 126.482 ug/l

RT: 2.89 min Scan# 239

Delta R.T. -0.14 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

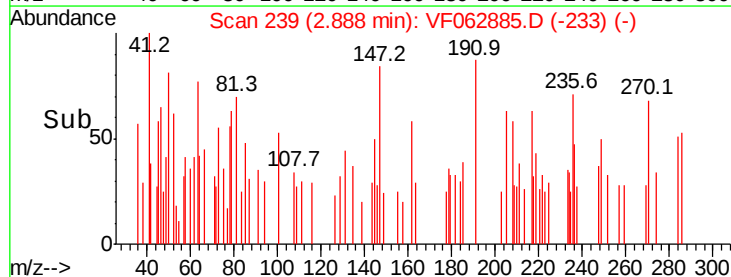
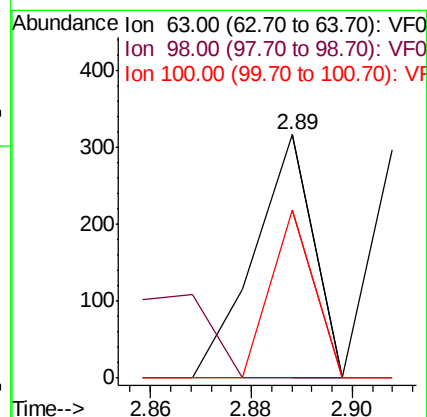
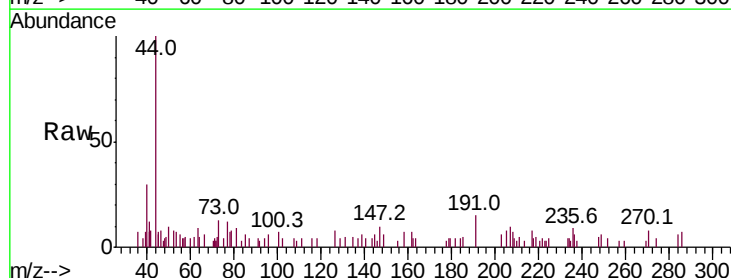
Tgt Ion: 63 Resp: 256

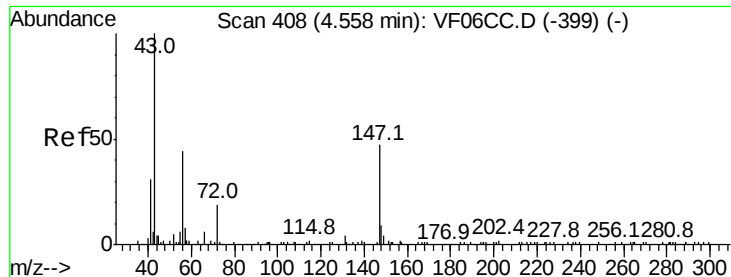
Ion Ratio Lower Upper

63 100

98 0.0 2.4 7.1#

100 69.1 1.5 4.5#

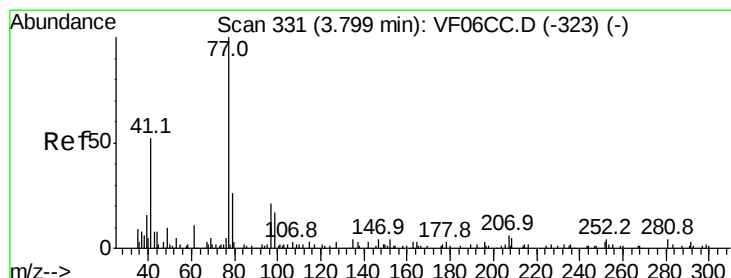
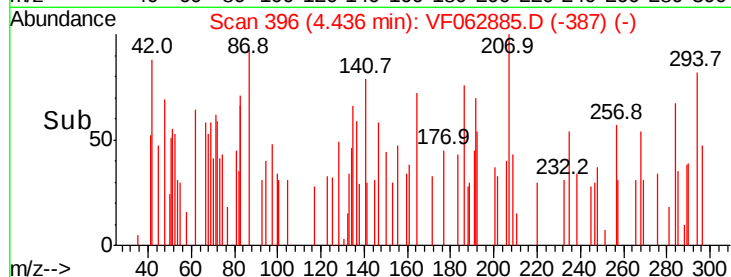
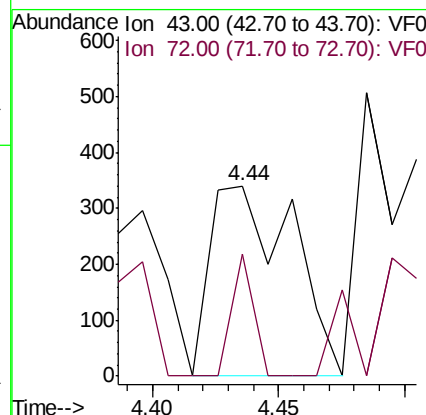
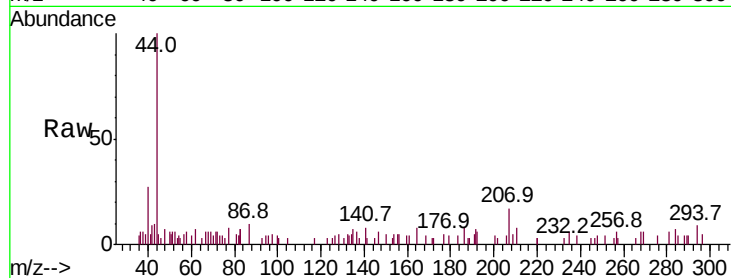




#25
2-Butanone
Concen: 1420.736 ug/l
RT: 4.44 min Scan# 396
Delta R.T. -0.11 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

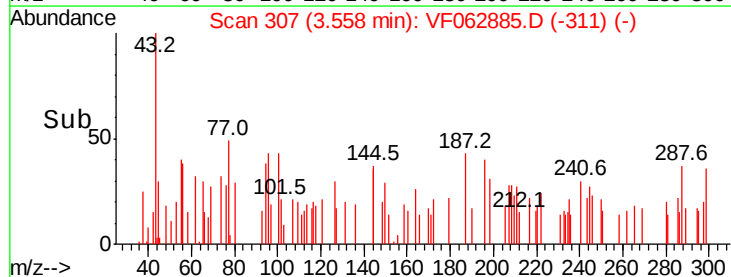
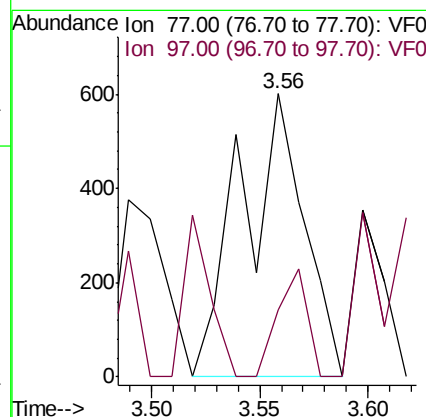
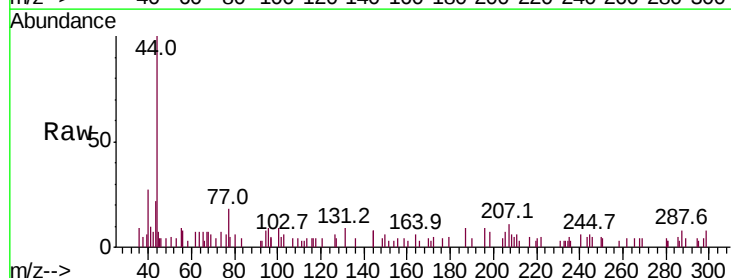
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

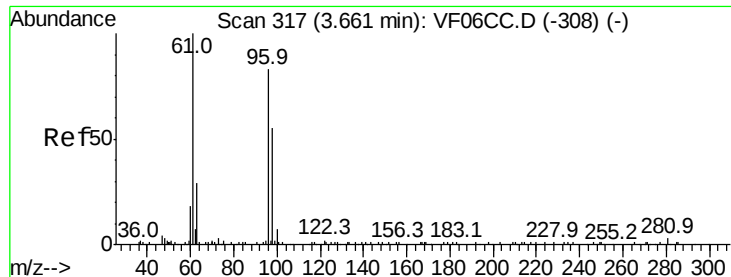
Tot Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
72 64.4 21.4 32.0#



#26
2,2-Dichloropropane
Concen: 1062.450 ug/l
RT: 3.56 min Scan# 307
Delta R.T. -0.24 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion: 77 Resp: 1221
Ion Ratio Lower Upper
77 100
97 23.8 12.4 37.4



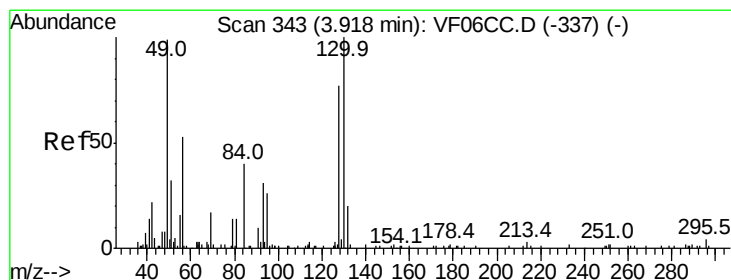
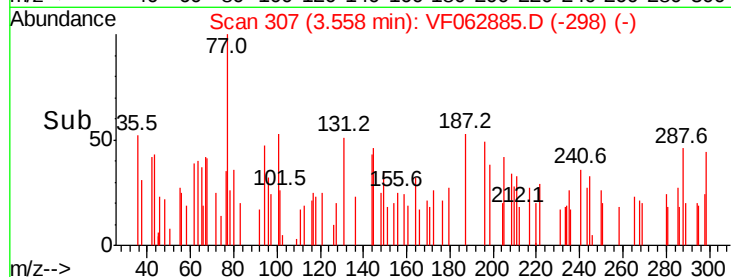
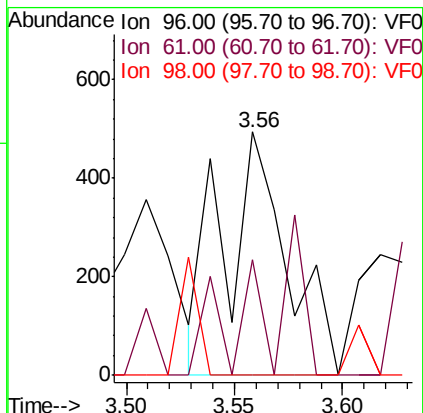
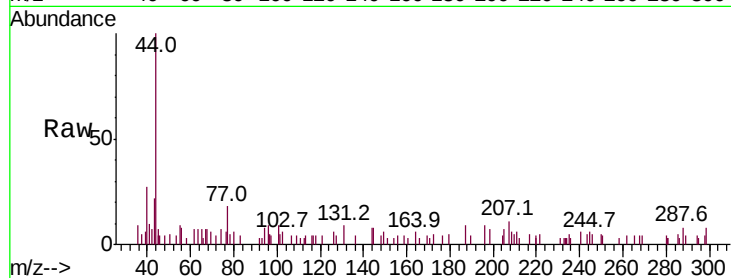


#27

cis-1,2-Dichloroethene
Concen: 491.110 ug/l
RT: 3.56 min Scan# 307
Delta R.T. -0.11 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

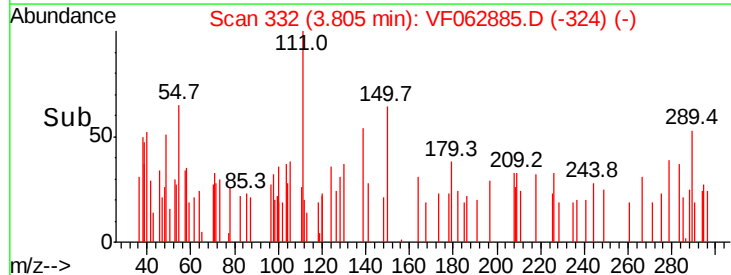
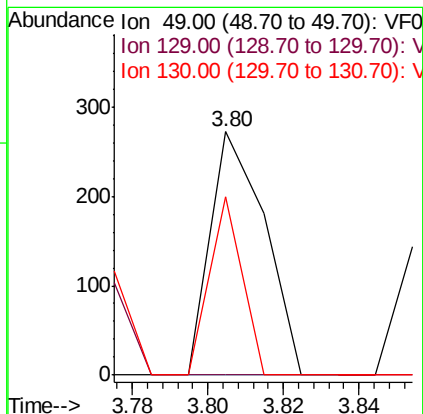
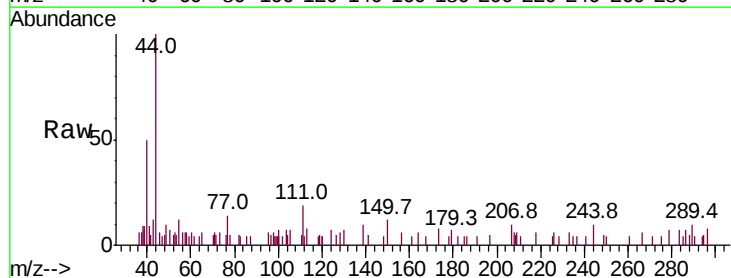
Tot Ion: 96 Resp: 1018
Ion Ratio Lower Upper
96 100
61 47.6 0.0 213.8
98 0.0 0.0 127.0

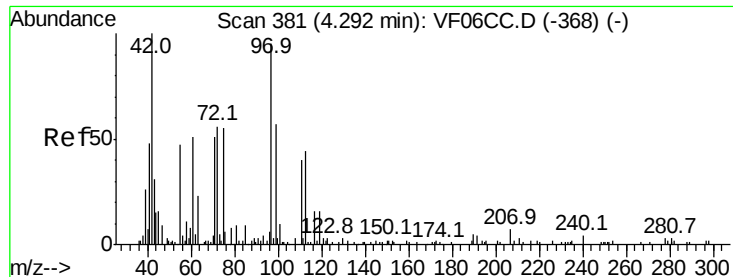


#28

Bromochloromethane
Concen: 243.426 ug/l
RT: 3.80 min Scan# 332
Delta R.T. -0.12 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion: 49 Resp: 268
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.4
130 73.2 79.2 118.8#

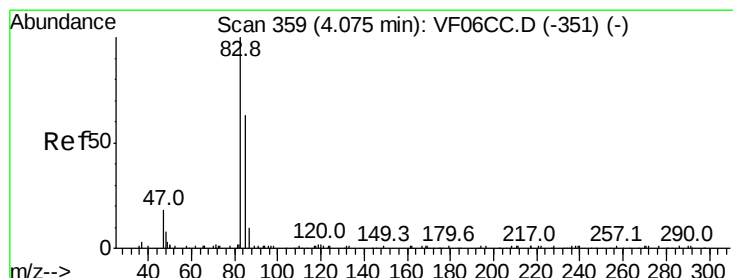
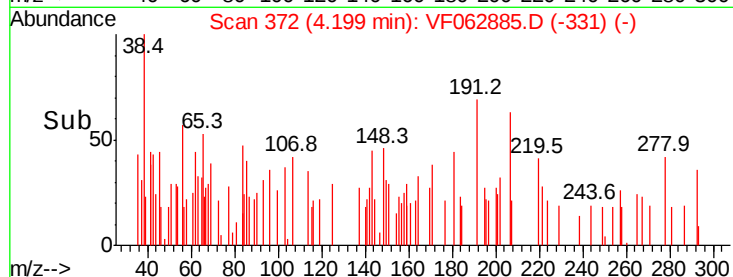
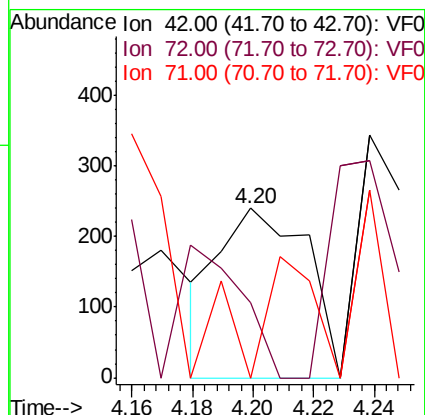
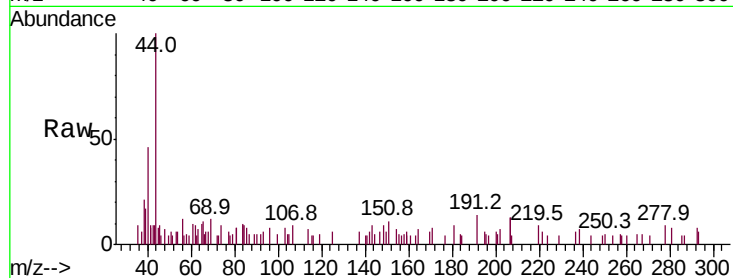




#29
Tetrahydrofuran
Concen: 2329.423 ug/l
RT: 4.20 min Scan# 372
Delta R.T. -0.10 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

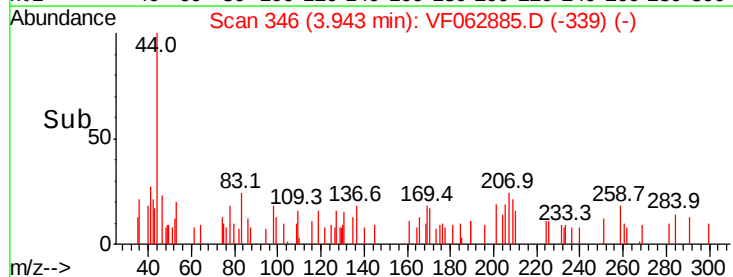
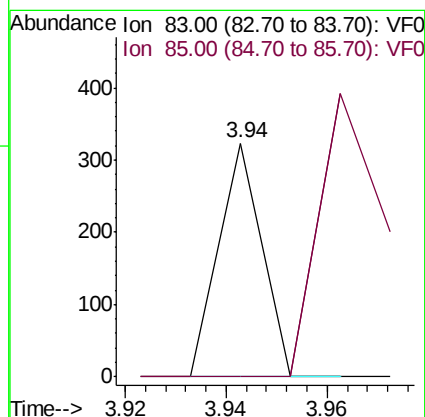
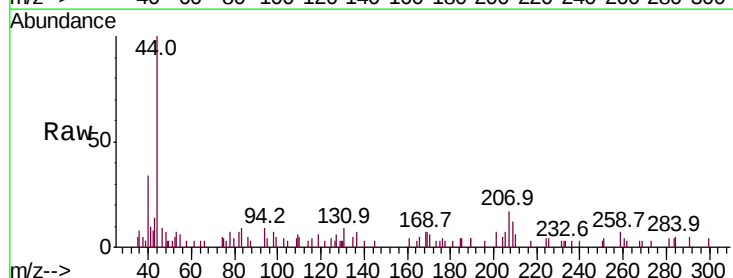
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

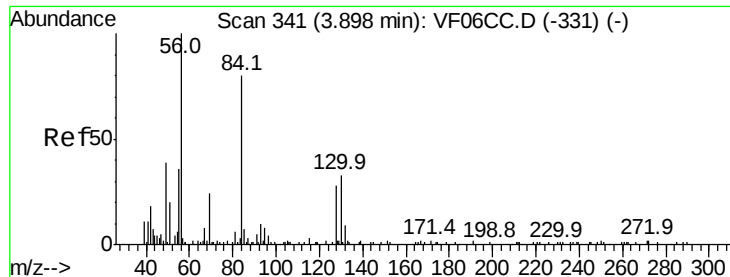
Tot Ion: 42 Resp: 486
Ion Ratio Lower Upper
42 100
72 0.0 39.0 58.6#
71 37.4 36.9 55.3



#30
Chloroform
Concen: 66.958 ug/l
RT: 3.94 min Scan# 346
Delta R.T. -0.13 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion: 83 Resp: 191
Ion Ratio Lower Upper
83 100
85 0.0 55.0 82.6#





#31

Cyclohexane

Concen: 89.044 ug/l

RT: 3.81 min Scan# 333

Delta R.T. -0.09 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

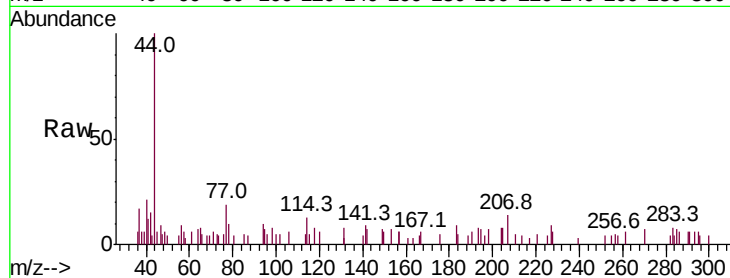
Tot Ion: 56 Resp: 244

Ion Ratio Lower Upper

56 100

69 51.0 26.7 40.1#

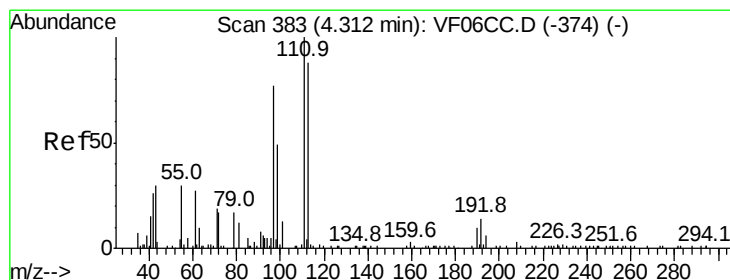
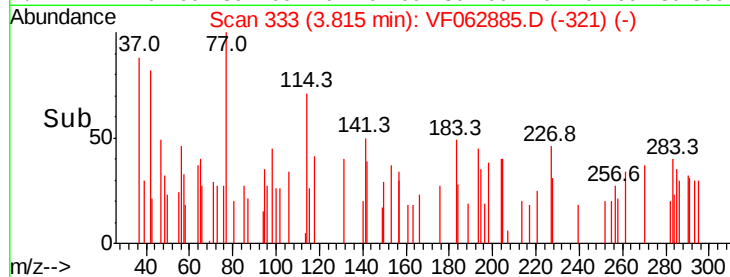
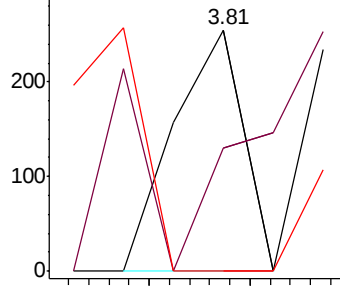
84 0.0 74.3 111.5#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 236.627 ug/l

RT: 4.19 min Scan# 371

Delta R.T. -0.12 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

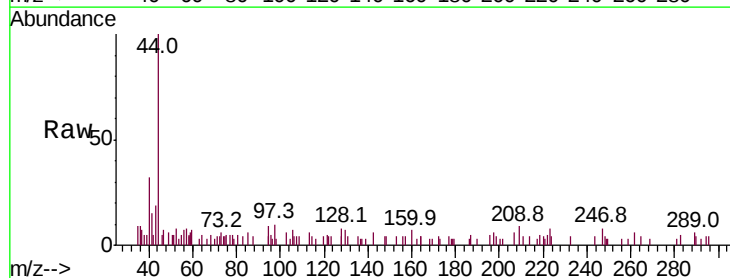
Tgt Ion: 97 Resp: 393

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

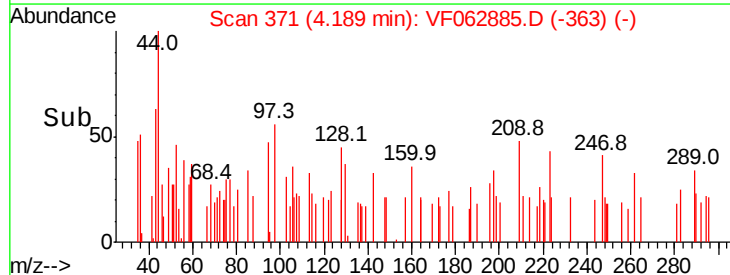
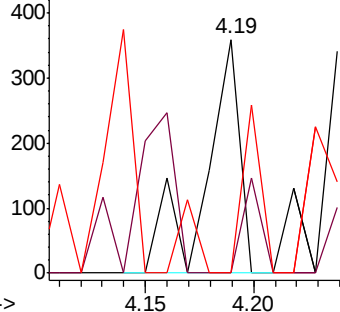
61 0.0 38.9 58.3#

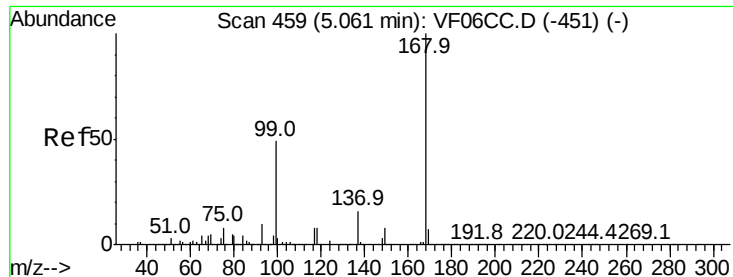


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

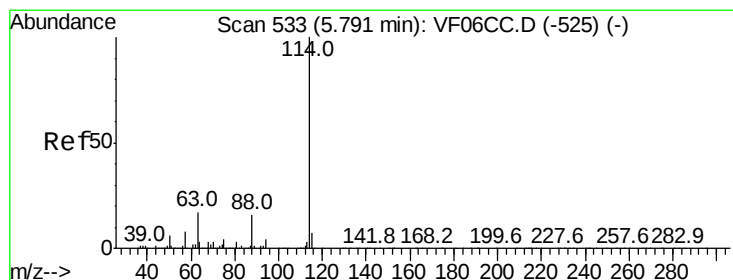
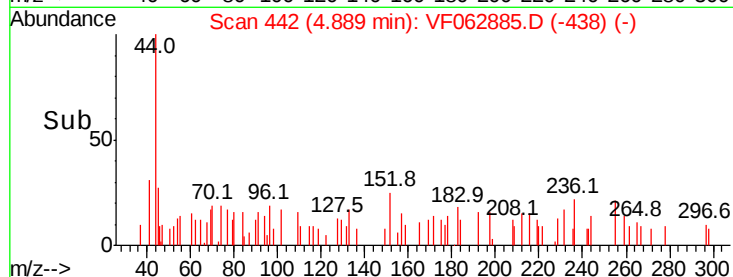
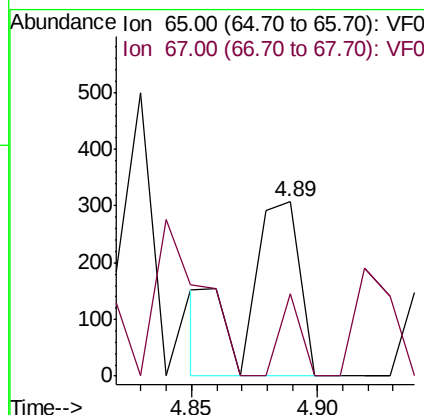
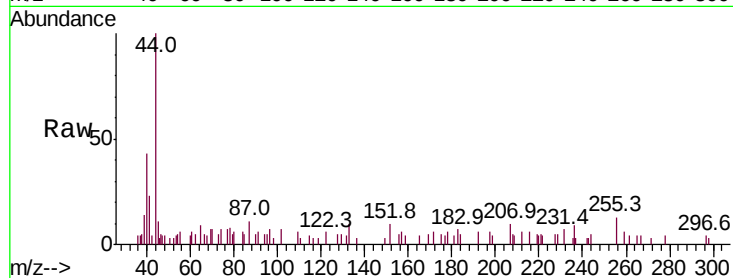




#33
 1,2-Dichloroethane-d4
 Concen: 435.790 ug/l
 RT: 4.89 min Scan# 442
 Delta R.T. -0.16 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

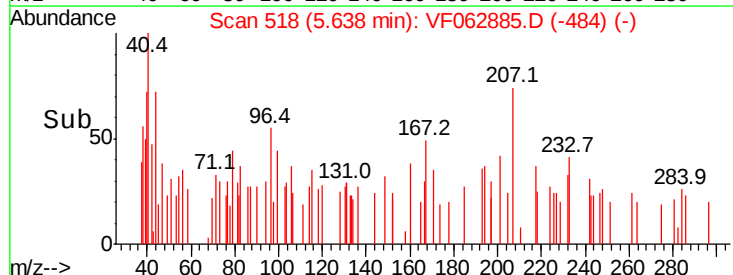
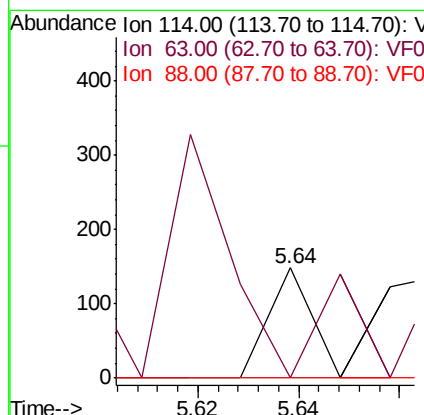
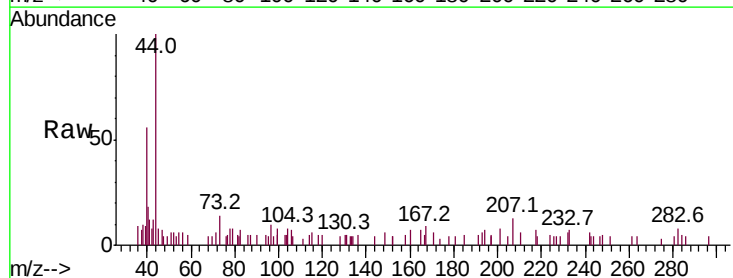
Instrument :
 MSVOA_F
 ClientSampleId :
 0435-HR-15(HACKENSACK)

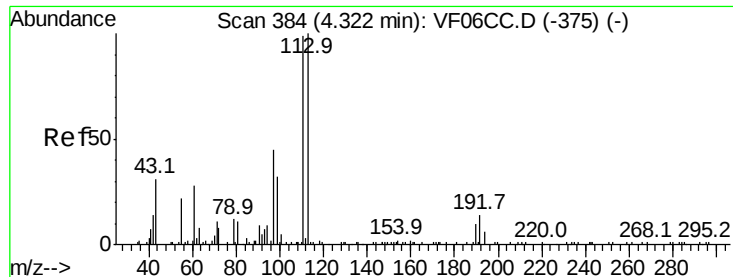
Tot Ion: 65 Resp: 446
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 518
 Delta R.T. -0.16 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

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





#35

Dibromofluoromethane

Concen: 189.481 ug/l

RT: 4.19 min Scan# 371

Delta R.T. -0.14 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

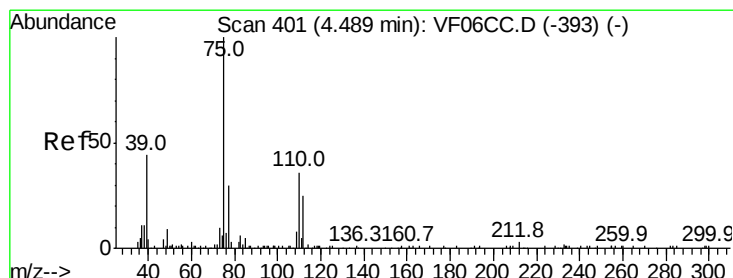
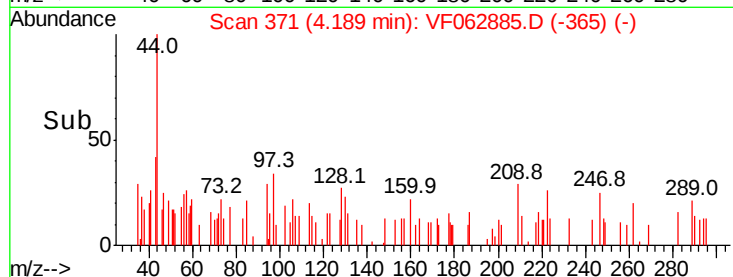
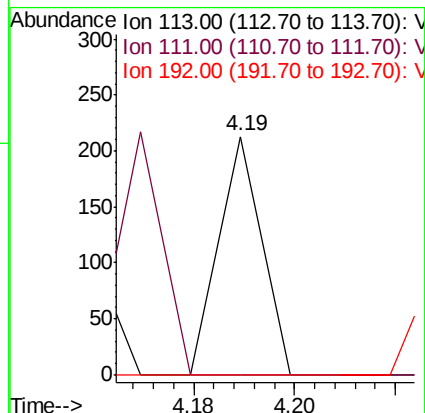
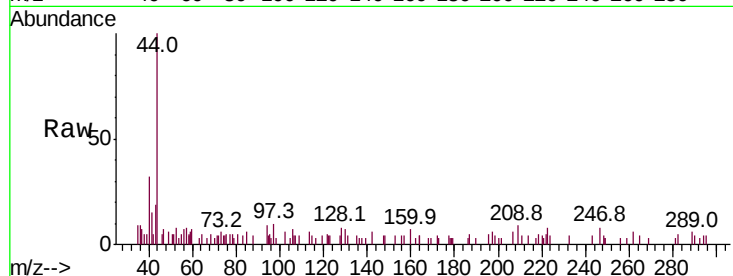
Tot Ion:113 Resp: 126

Ion Ratio Lower Upper

113 100

111 0.0 81.9 122.9#

192 0.0 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 802.349 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.25 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

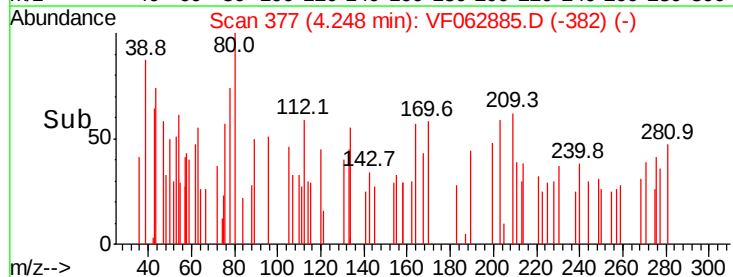
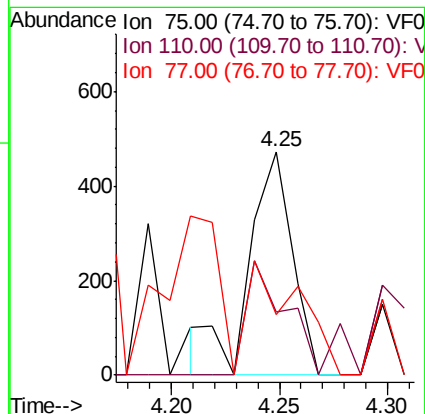
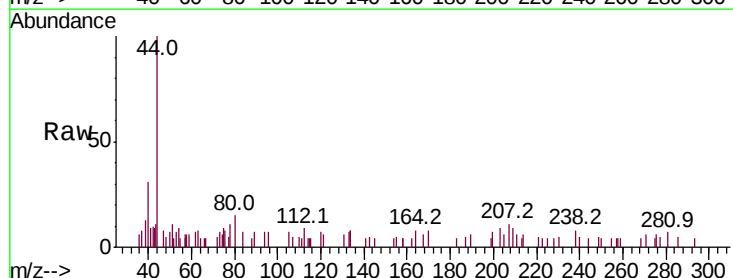
Tgt Ion: 75 Resp: 650

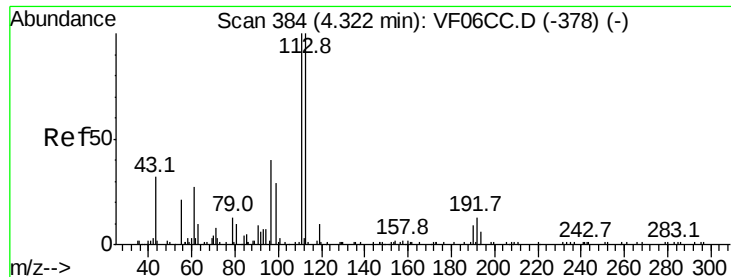
Ion Ratio Lower Upper

75 100

110 28.5 19.4 58.1

77 27.3 25.4 38.2





#37

Ethyl Acetate

Concen: 2509.039 ug/l

RT: 4.23 min Scan# 375

Delta R.T. -0.11 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

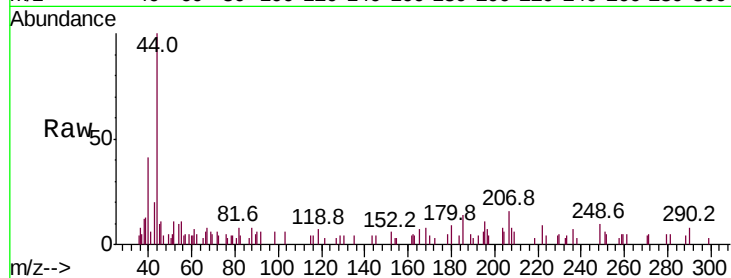
Tot Ion: 43 Resp: 777

Ion Ratio Lower Upper

43 100

61 37.1 59.1 88.7#

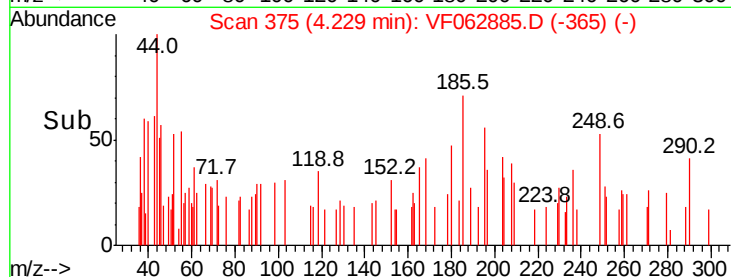
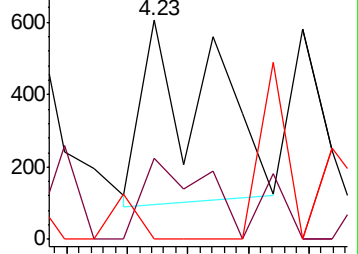
70 0.0 10.1 15.1#



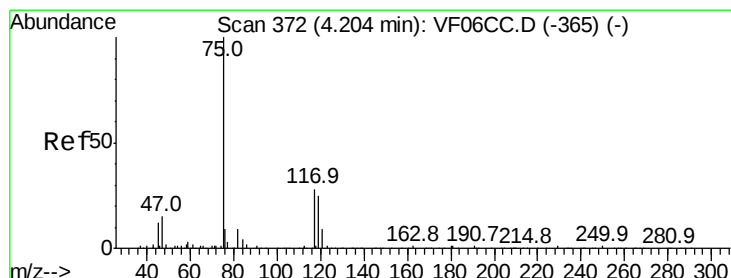
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



Time-->



#38

Carbon Tetrachloride

Concen: 180.818 ug/l

RT: 4.06 min Scan# 358

Delta R.T. -0.14 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

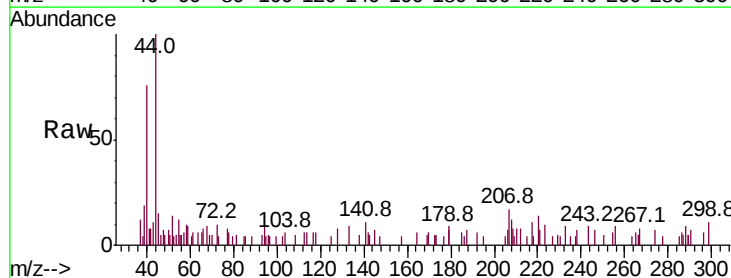
Tgt Ion: 117 Resp: 99

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.2#

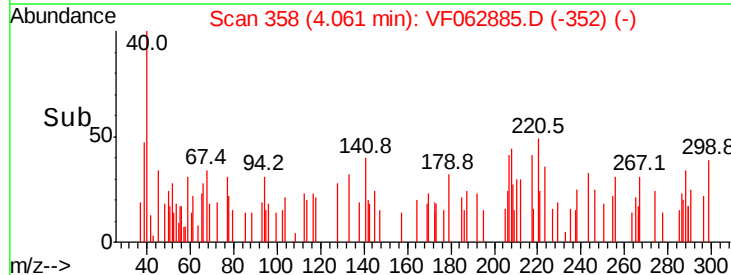
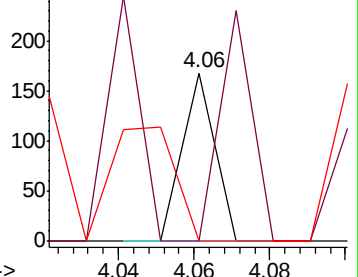
121 0.0 28.2 42.2#



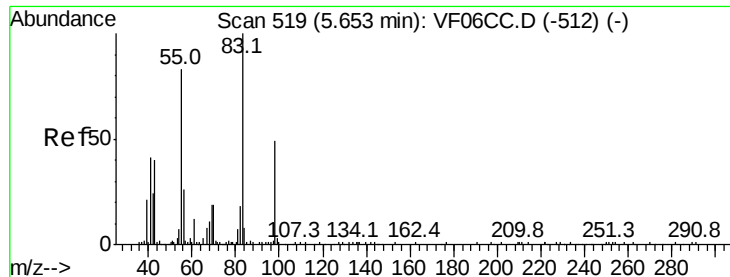
Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



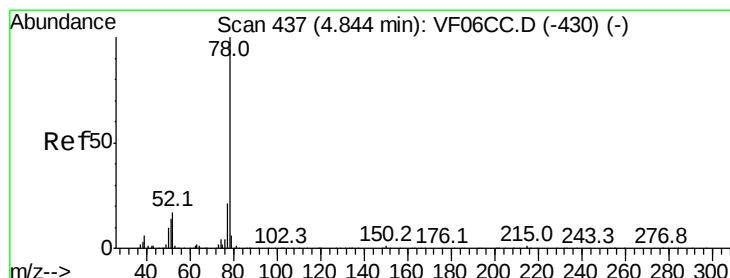
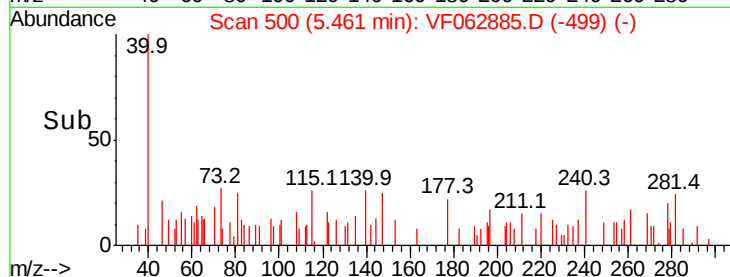
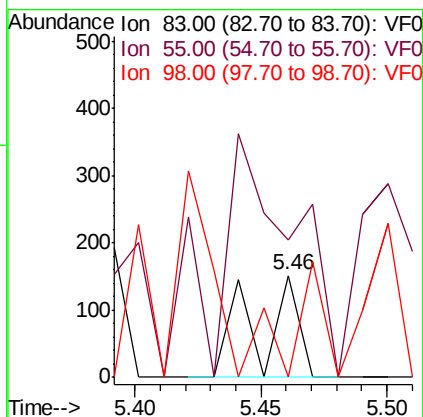
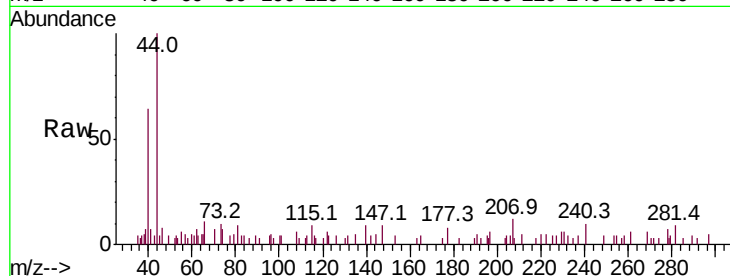
Time-->



#39
Methylcyclohexane
Concen: 173.564 ug/l
RT: 5.46 min Scan# 500
Delta R.T. -0.19 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

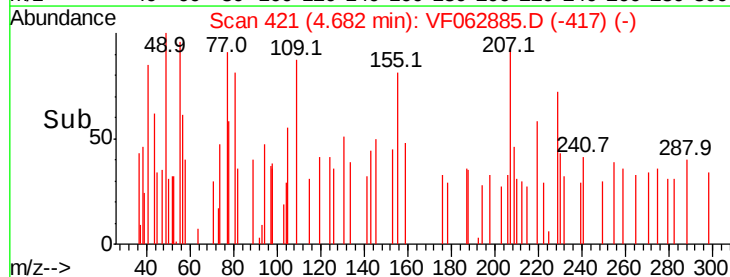
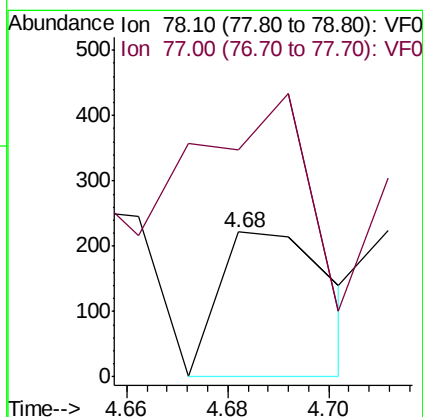
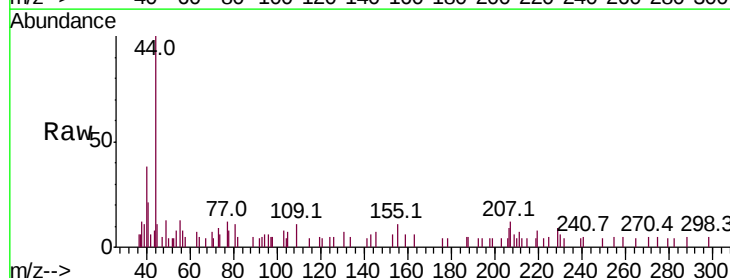
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

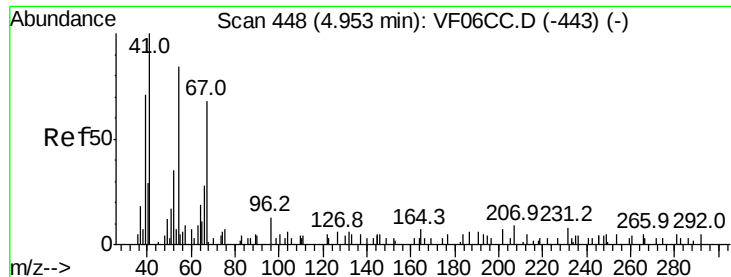
Tot Ion: 83 Resp: 175
Ion Ratio Lower Upper
83 100
55 135.1 61.6 92.4#
98 0.0 37.4 56.2#



#40
Benzene
Concen: 144.630 ug/l
RT: 4.68 min Scan# 421
Delta R.T. -0.16 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion: 78 Resp: 341
Ion Ratio Lower Upper
78 100
77 156.3 18.9 28.3#





#41

Methacrylonitrile

Concen: 3328.341 ug/l

RT: 4.82 min Scan# 435

Delta R.T. -0.13 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

Tot Ion: 41 Resp: 573

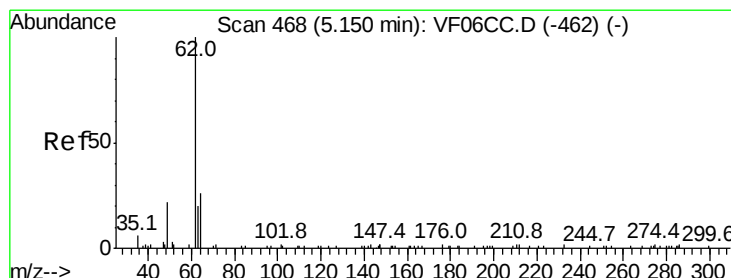
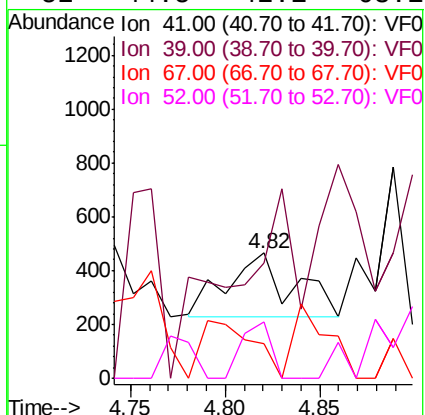
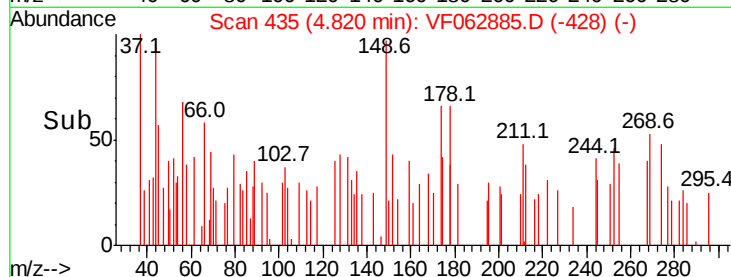
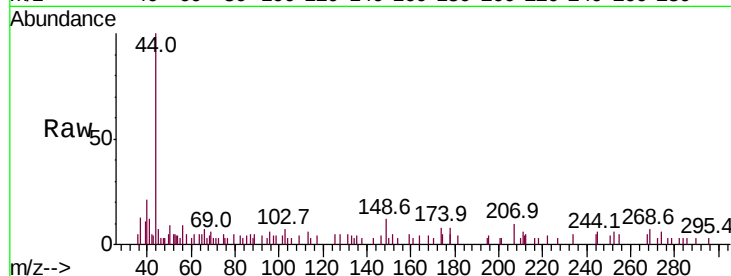
Ion Ratio Lower Upper

41 100

39 92.3 42.0 63.0#

67 28.0 61.4 92.0#

52 44.5 42.1 63.1



#42

1,2-Dichloroethane

Concen: 1065.952 ug/l

RT: 4.97 min Scan# 450

Delta R.T. -0.18 min

Lab File: VF062885.D

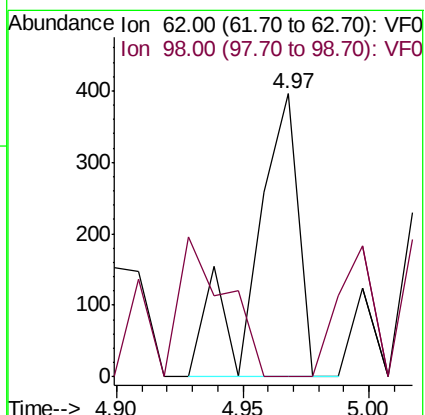
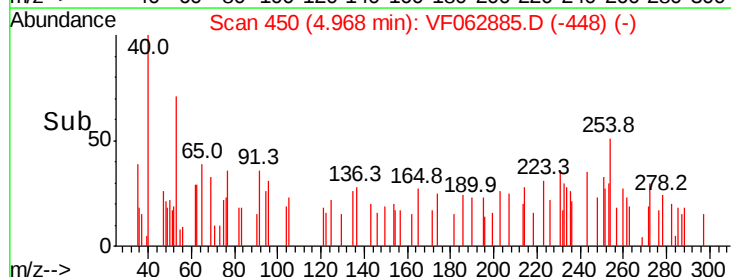
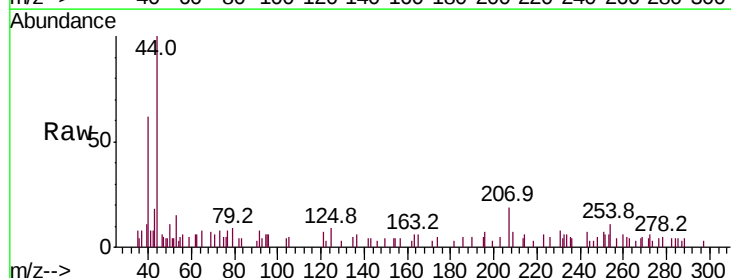
Acq: 6 Jun 2019 16:27

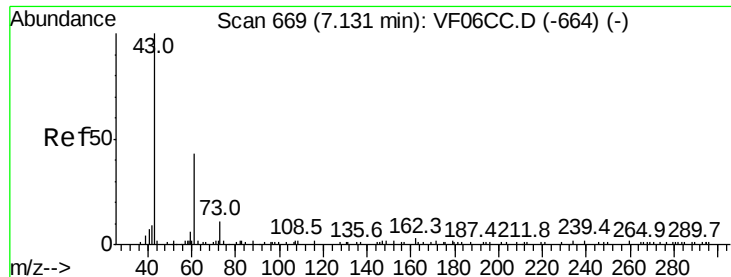
Tgt Ion: 62 Resp: 478

Ion Ratio Lower Upper

62 100

98 0.0 0.0 24.0





#43

Isopropyl Acetate

Concen: 1136.667 ug/l

RT: 6.96 min Scan# 652

Delta R.T. -0.17 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

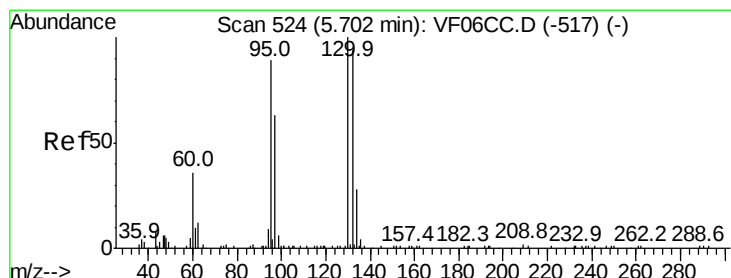
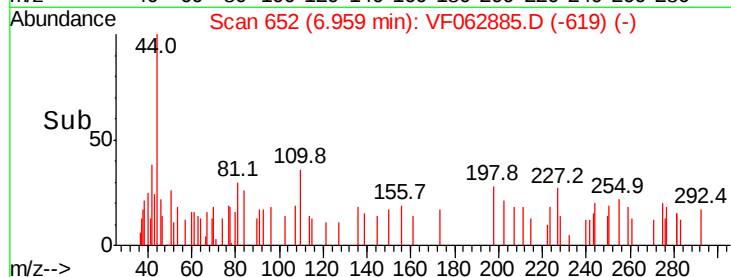
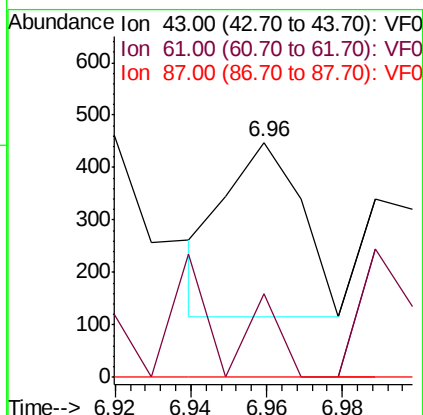
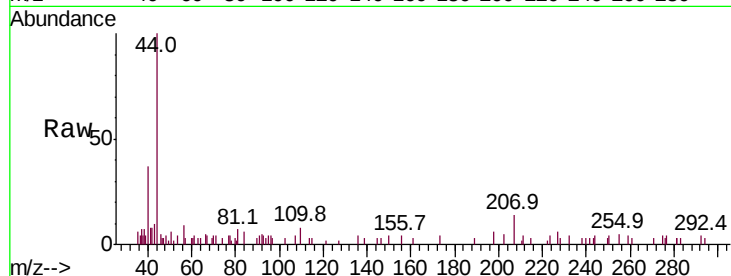
Tot Ion: 43 Resp: 465

Ion Ratio Lower Upper

43 100

61 35.5 29.8 44.6

87 0.0 0.3 0.5#



#44

Trichloroethene

Concen: 589.111 ug/l

RT: 5.52 min Scan# 506

Delta R.T. -0.18 min

Lab File: VF062885.D

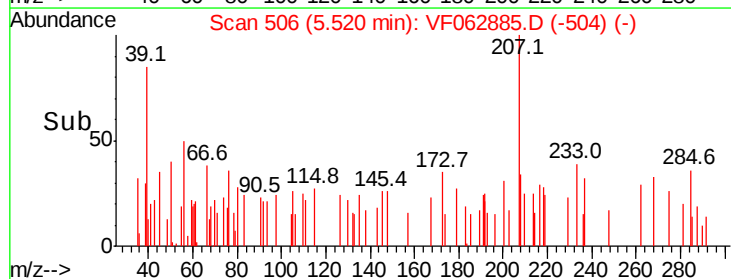
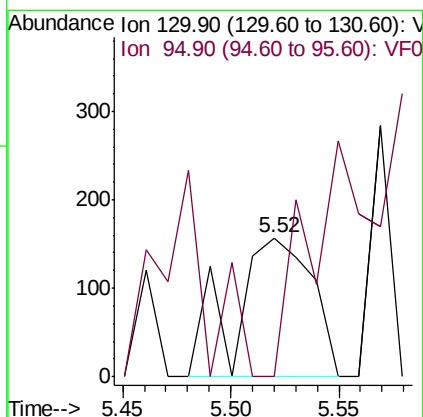
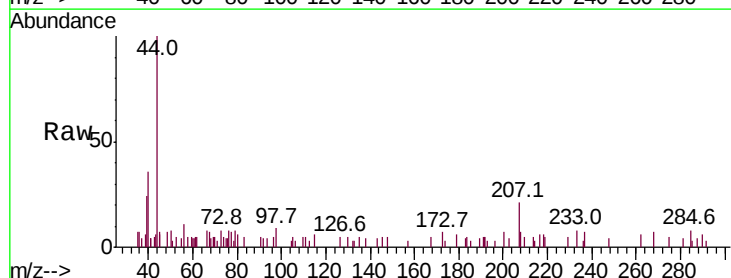
Acq: 6 Jun 2019 16:27

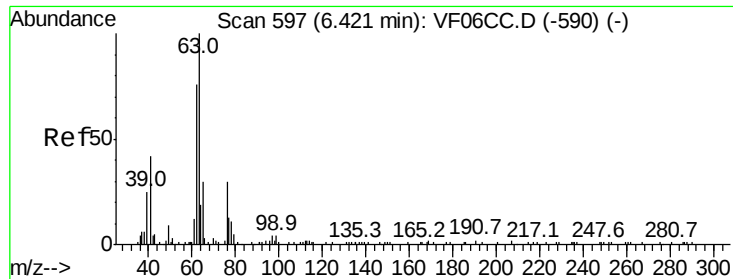
Tgt Ion:130 Resp: 392

Ion Ratio Lower Upper

130 100

95 0.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 667.605 ug/l

RT: 6.25 min Scan# 580

Delta R.T. -0.18 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

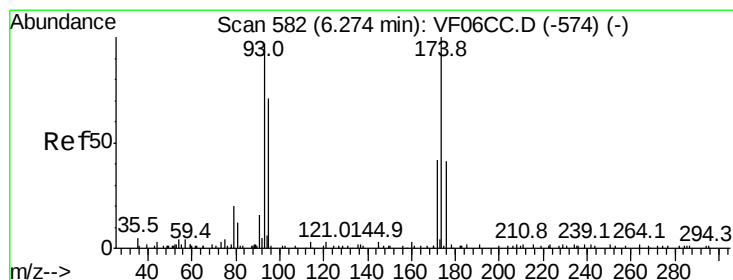
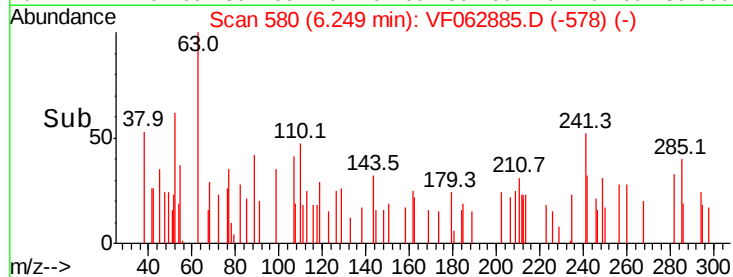
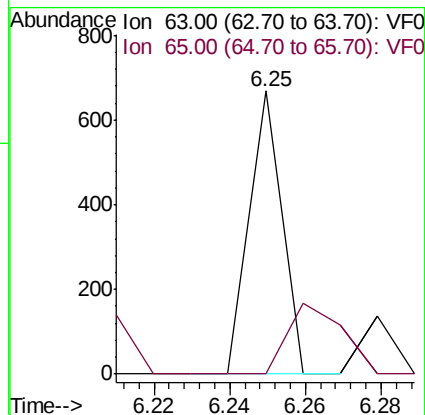
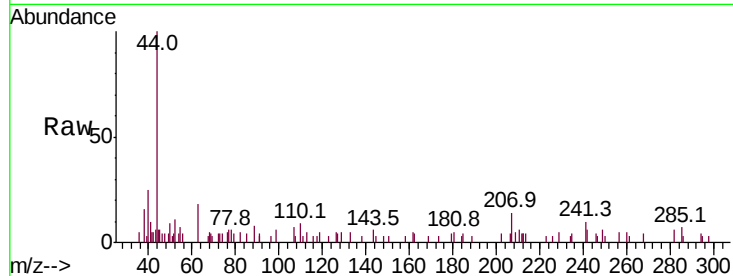
0435-HR-15(HACKENSACK)

Tot Ion: 63 Resp: 395

Ion Ratio Lower Upper

63 100

65 0.0 24.2 36.2#



#46

Dibromomethane

Concen: 920.563 ug/l

RT: 6.09 min Scan# 564

Delta R.T. -0.19 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

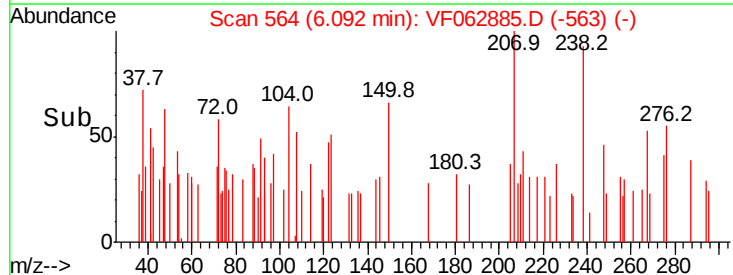
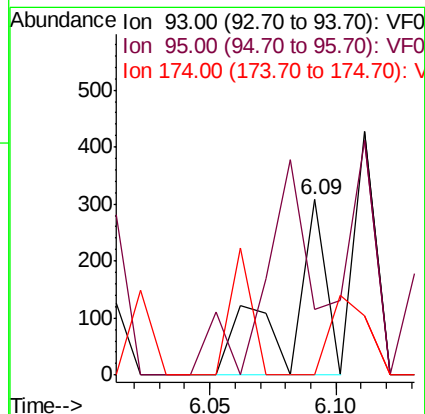
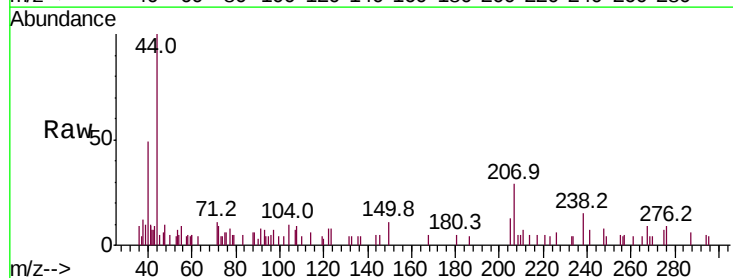
Tgt Ion: 93 Resp: 318

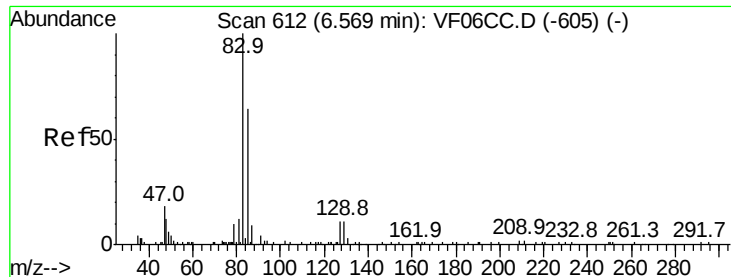
Ion Ratio Lower Upper

93 100

95 37.0 67.9 101.9#

174 0.0 85.0 127.4#





#47

Bromodichloromethane

Concen: 258.702 ug/l

RT: 6.42 min Scan# 597

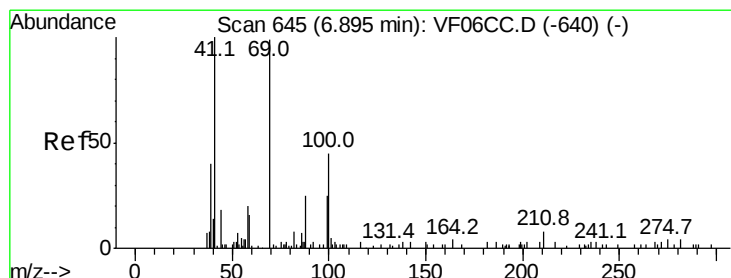
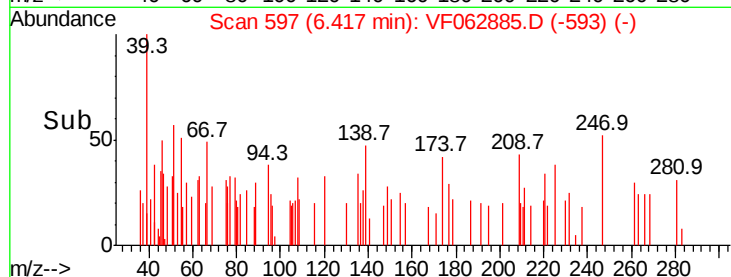
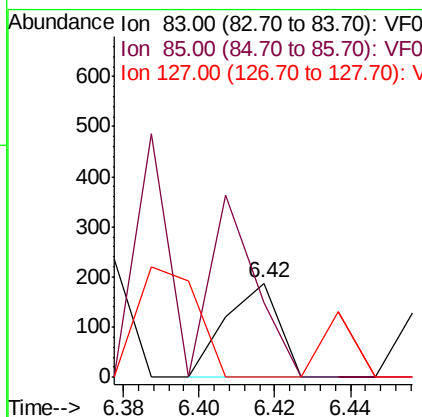
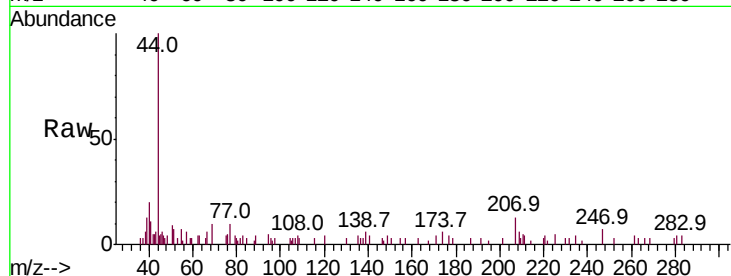
Delta R.T. -0.16 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

Tot Ion:	83	Resp:	182
Ion	Ratio	Lower	Upper
83	100		
85	79.7	54.2	81.4
127	0.0	7.0	10.4#



#48

Methyl methacrylate

Concen: 2068.007 ug/l

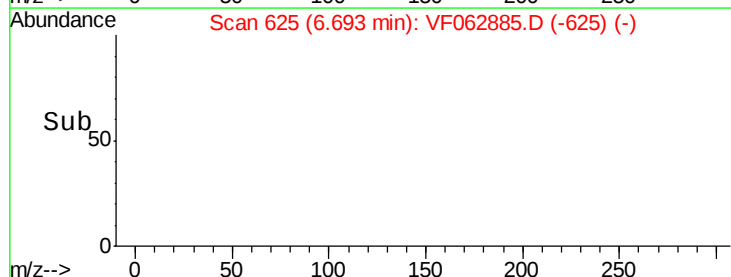
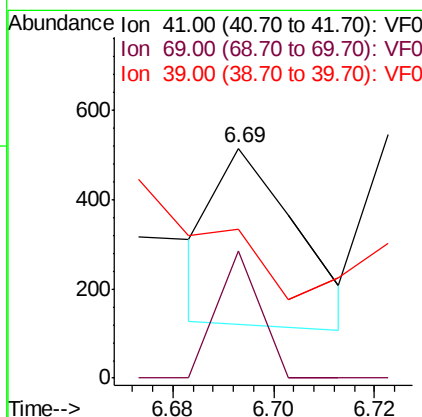
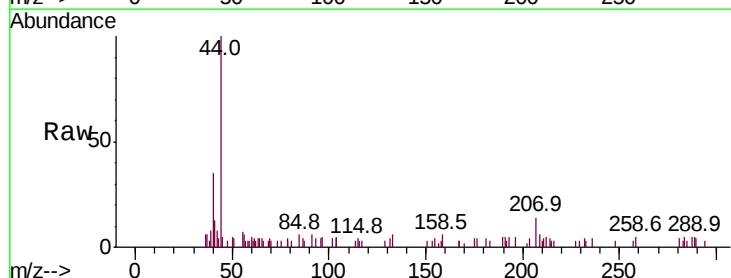
RT: 6.69 min Scan# 625

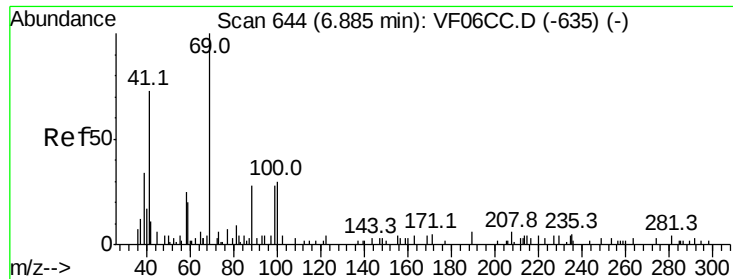
Delta R.T. -0.20 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Tgt Ion:	41	Resp:	436
Ion	Ratio	Lower	Upper
41	100		
69	55.1	79.4	119.2#
39	64.9	39.8	59.6#





#49

1,4-Dioxane

Concen: 79885.161 ug/l

RT: 6.98 min Scan# 654

Delta R.T. 0.09 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

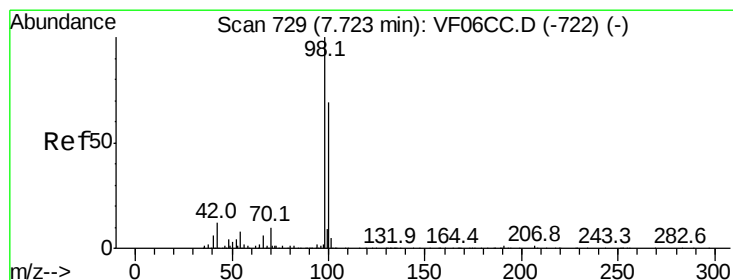
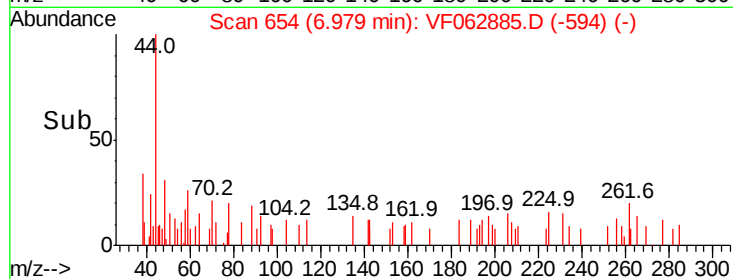
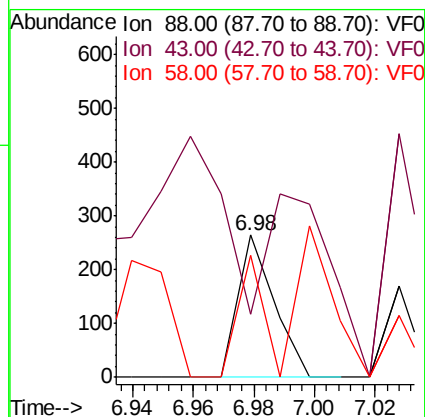
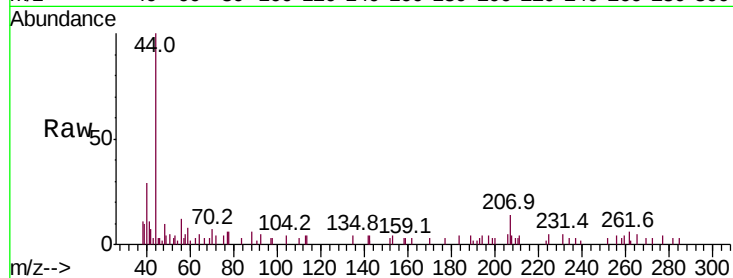
Tot Ion: 88 Resp: 222

Ion Ratio Lower Upper

88 100

43 43.9 34.8 52.2

58 85.6 59.9 89.9



#50

Toluene-d8

Concen: 186.136 ug/l

RT: 7.53 min Scan# 710

Delta R.T. -0.20 min

Lab File: VF062885.D

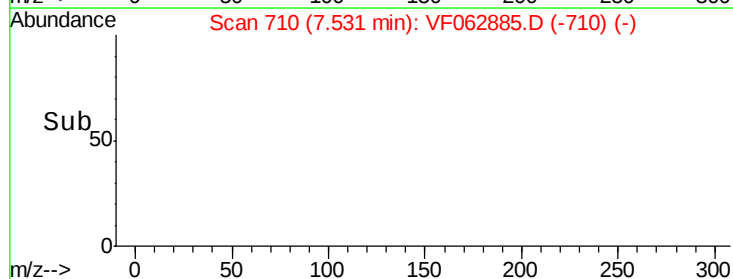
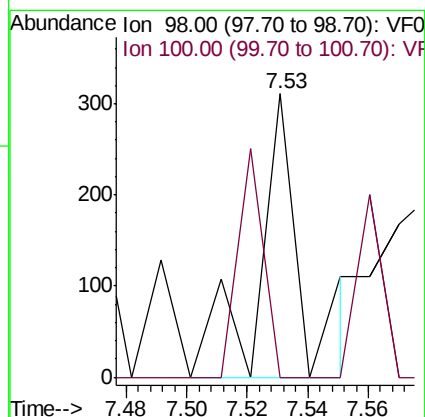
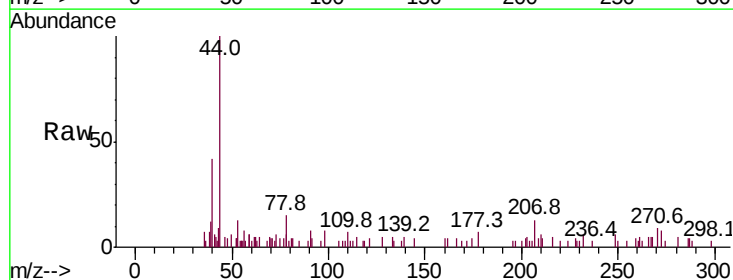
Acq: 6 Jun 2019 16:27

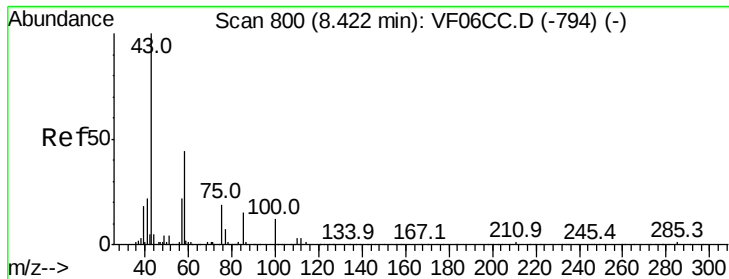
Tgt Ion: 98 Resp: 313

Ion Ratio Lower Upper

98 100

100 0.0 59.8 89.8#

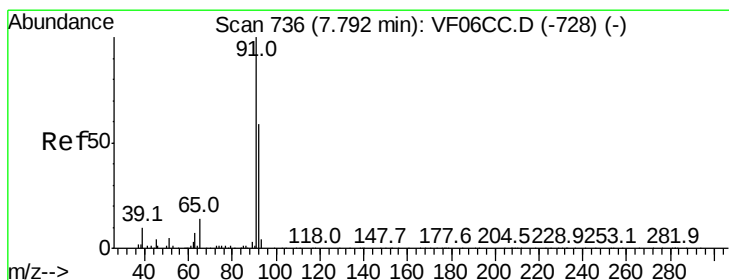
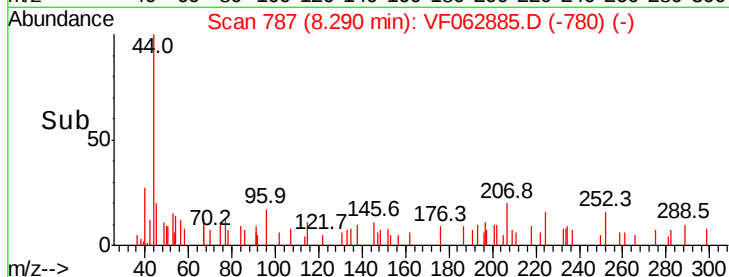
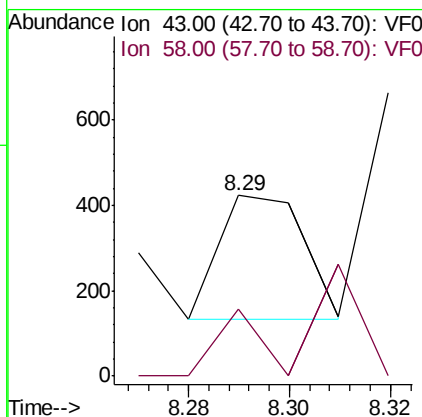
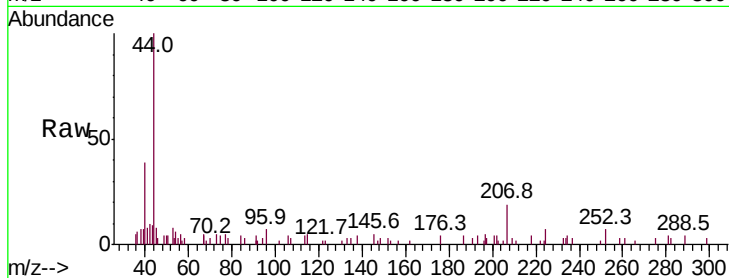




#51
4-Methyl-2-Pentanone
Concen: 1147.000 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.13 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

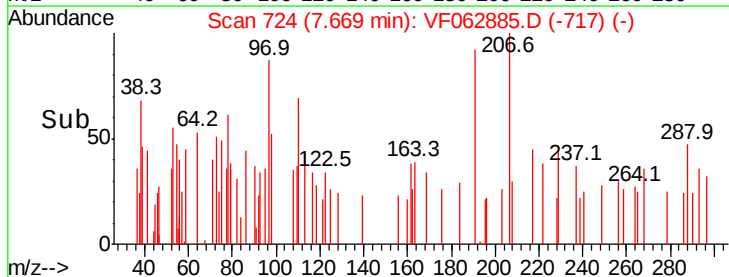
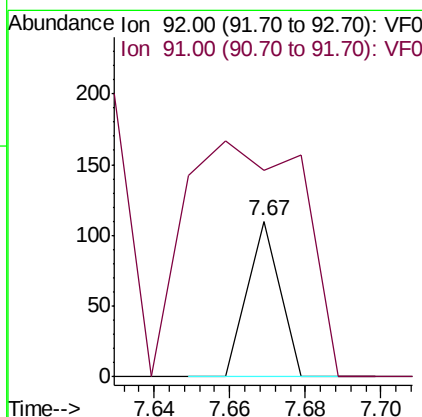
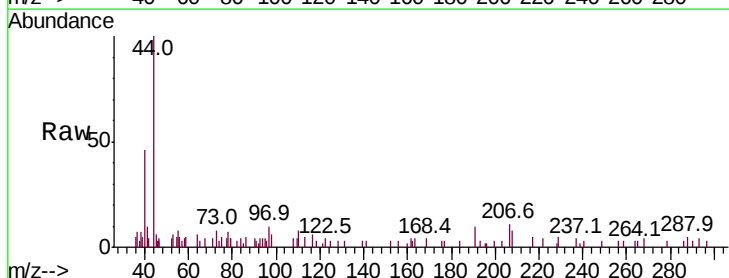
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

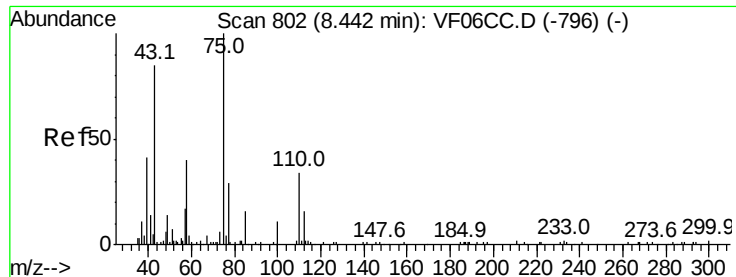
Tot Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 37.1 35.5 53.3



#52
Toluene
Concen: 51.185 ug/l
RT: 7.67 min Scan# 724
Delta R.T. -0.13 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion: 92 Resp: 65
Ion Ratio Lower Upper
92 100
91 132.7 123.2 184.8





#53

t-1,3-Dichloropropene

Concen: 229.860 ug/l

RT: 8.19 min Scan# 777

Delta R.T. -0.25 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

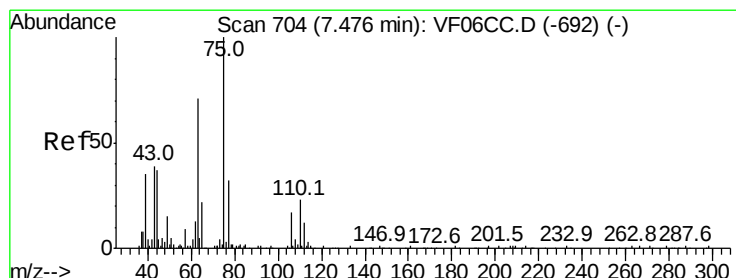
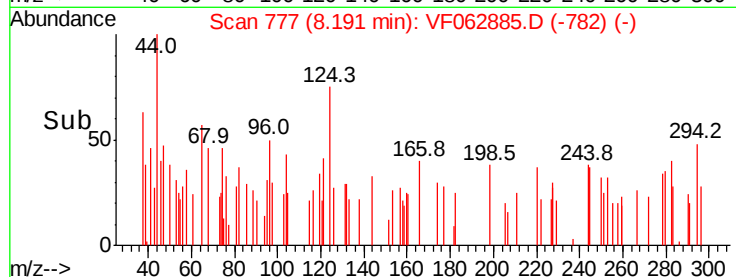
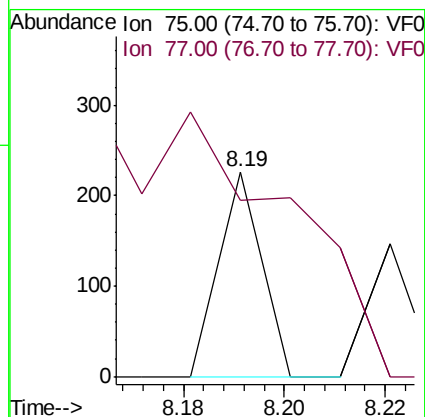
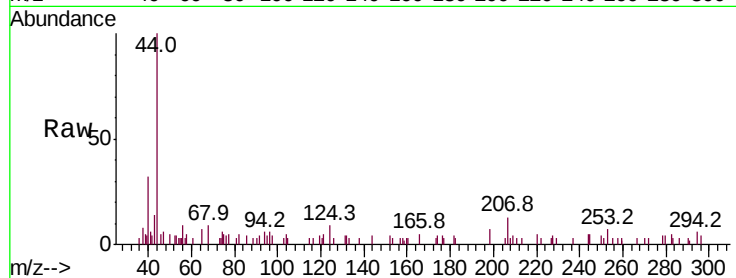
0435-HR-15(HACKENSACK)

Tot Ion: 75 Resp: 134

Ion Ratio Lower Upper

75 100

77 86.3 25.7 38.5#



#54

cis-1,3-Dichloropropene

Concen: 401.729 ug/l

RT: 7.21 min Scan# 677

Delta R.T. -0.27 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

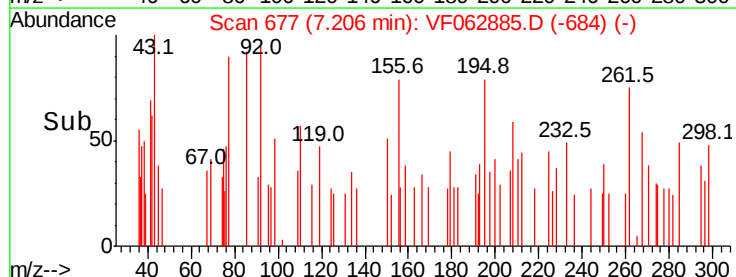
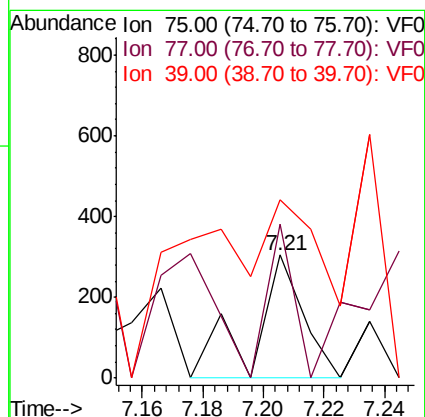
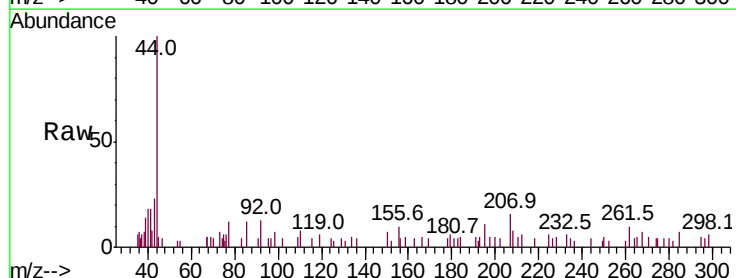
Tgt Ion: 75 Resp: 339

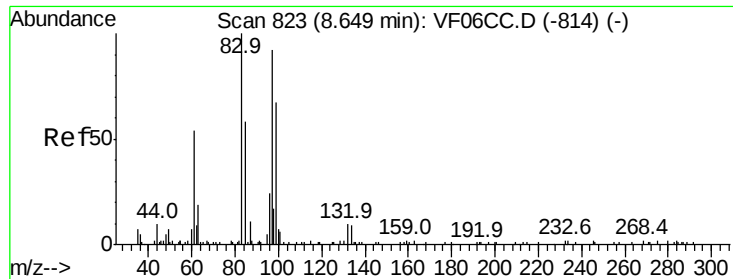
Ion Ratio Lower Upper

75 100

77 125.0 25.8 38.8#

39 145.4 28.4 42.6#





#55

1,1,2-Trichloroethane

Concen: 179.238 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.25 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

Tot Ion: 97 Resp: 68

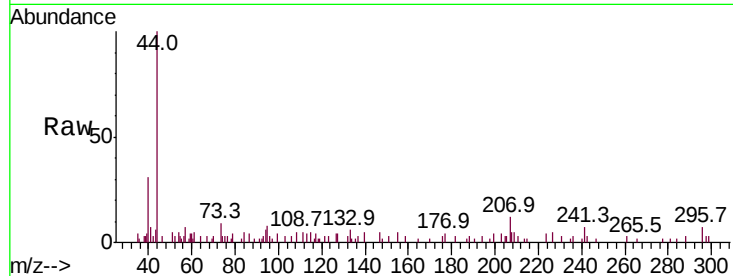
Ion Ratio Lower Upper

97 100

83 94.8 72.0 108.0

85 0.0 47.5 71.3#

99 148.7 54.1 81.1#

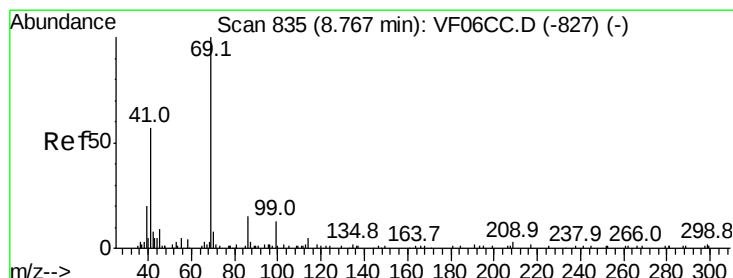
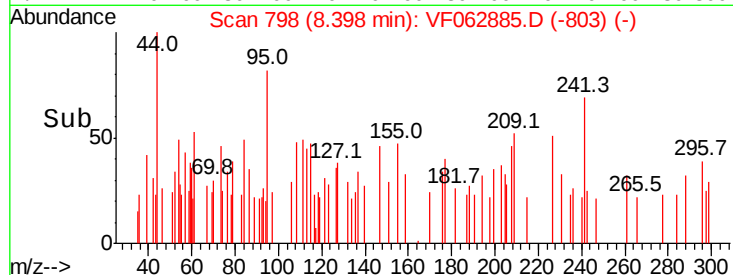
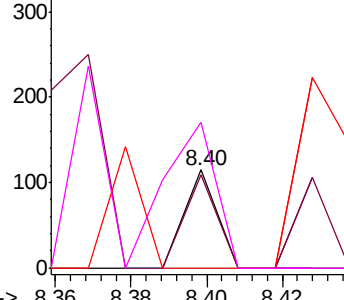


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 1392.888 ug/l

RT: 8.51 min Scan# 809

Delta R.T. -0.27 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

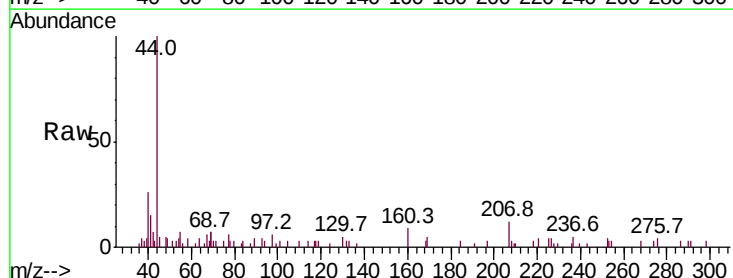
Tgt Ion: 69 Resp: 567

Ion Ratio Lower Upper

69 100

41 106.1 46.6 69.8#

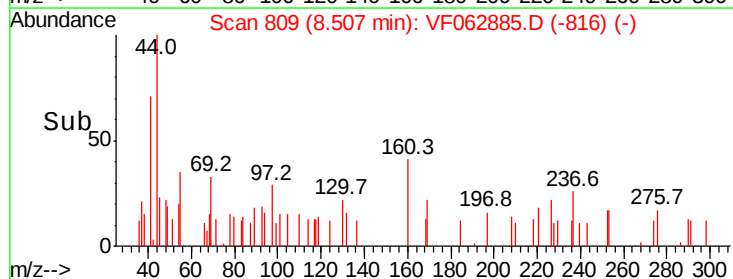
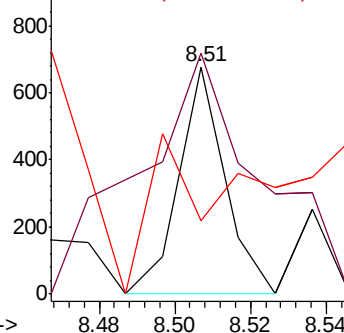
39 32.2 19.6 29.4#

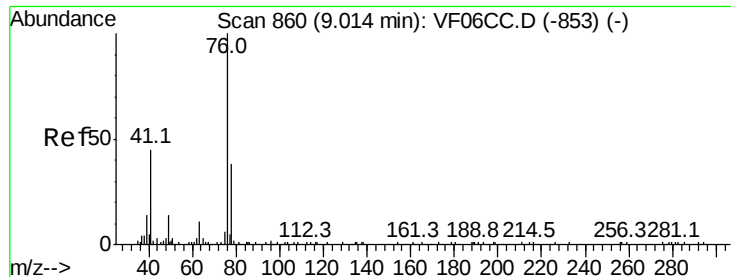


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 635.957 ug/l

RT: 8.75 min Scan# 834

Delta R.T. -0.26 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

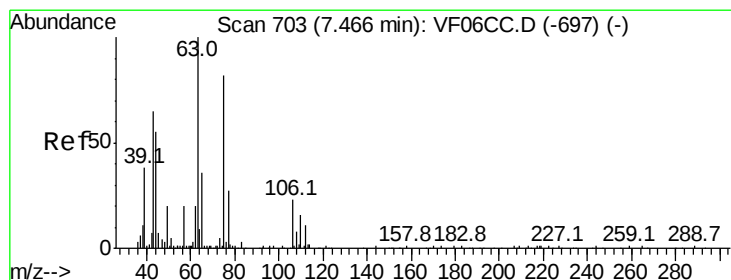
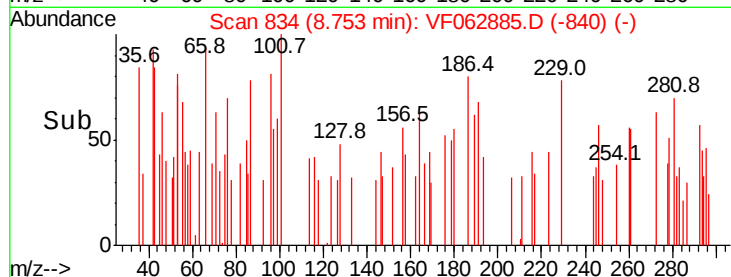
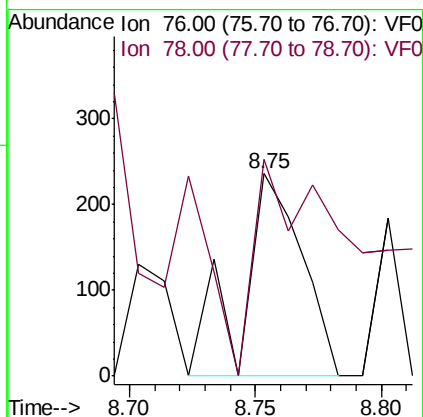
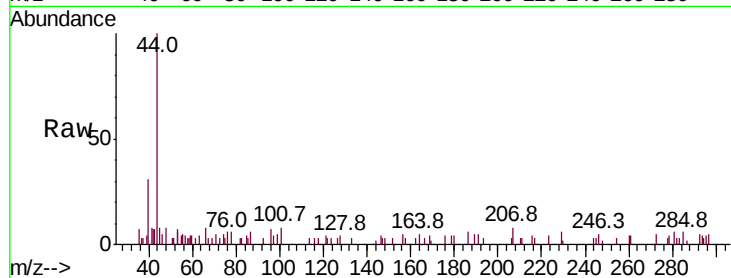
0435-HR-15(HACKENSACK)

Tot Ion: 76 Resp: 394

Ion Ratio Lower Upper

76 100

78 107.2 26.8 40.2#



#58

2-Chloroethyl Vinyl ether

Concen: 562.329 ug/l

RT: 7.28 min Scan# 685

Delta R.T. -0.18 min

Lab File: VF062885.D

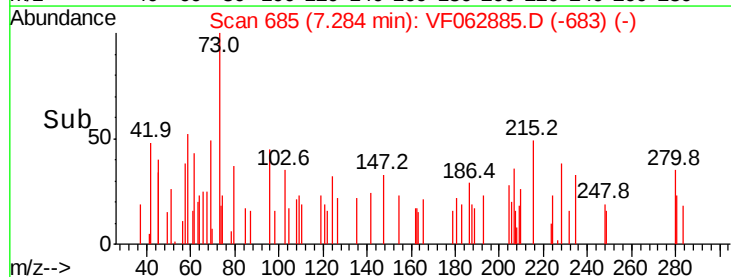
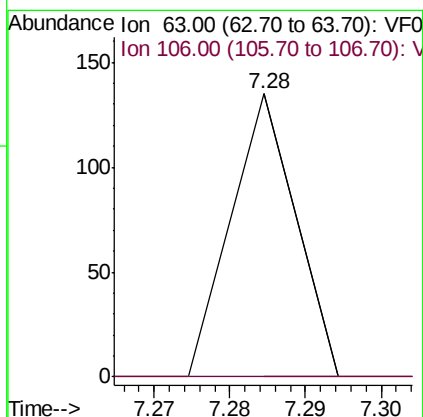
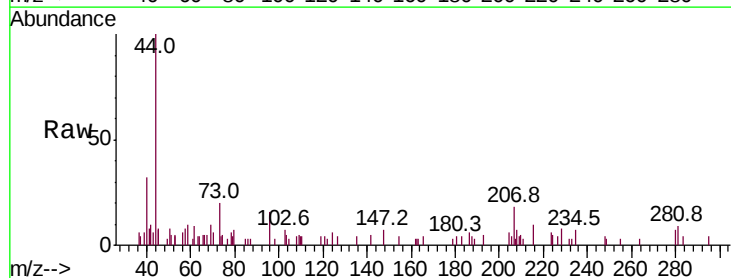
Acq: 6 Jun 2019 16:27

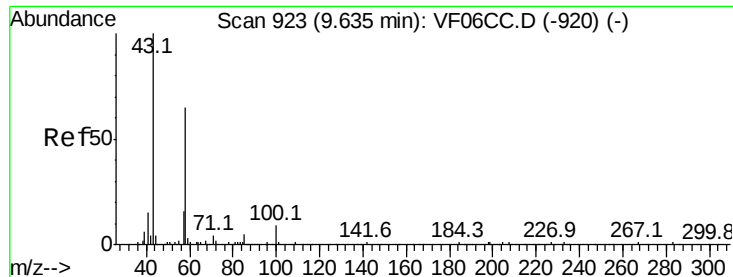
Tgt Ion: 63 Resp: 80

Ion Ratio Lower Upper

63 100

106 0.0 19.5 29.3#

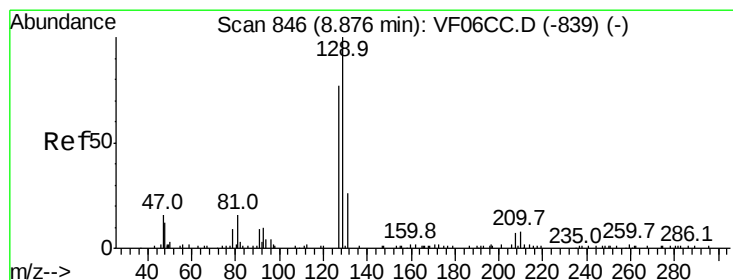
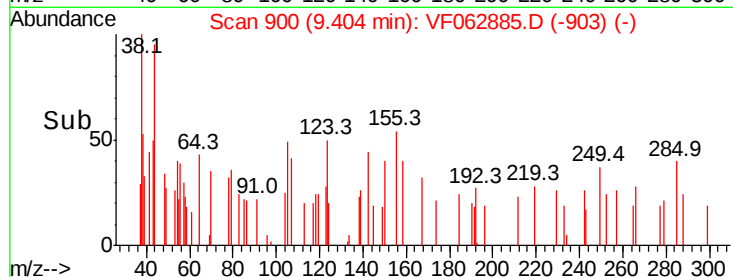
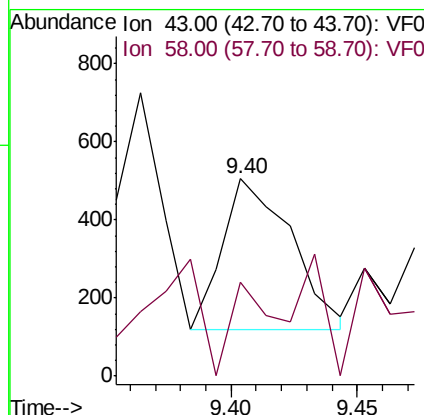
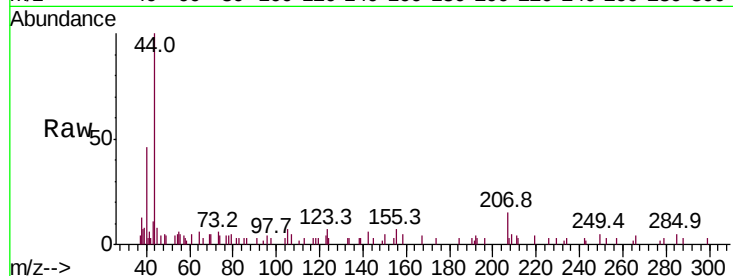




#59
2-Hexanone
Concen: 3559.496 ug/l
RT: 9.40 min Scan# 900
Delta R.T. -0.23 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

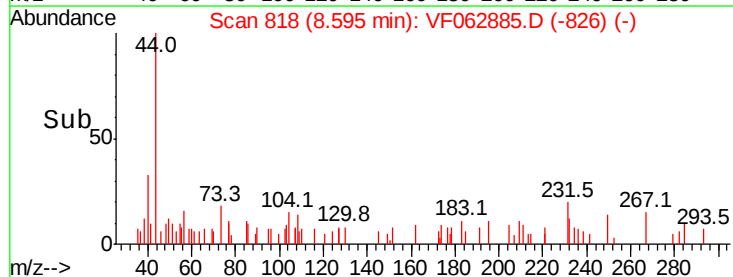
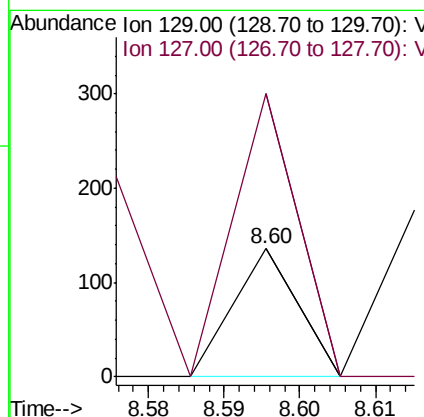
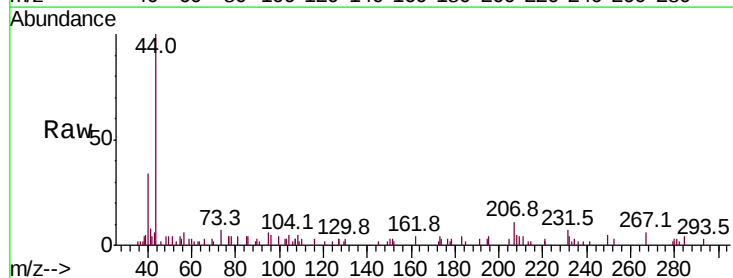
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

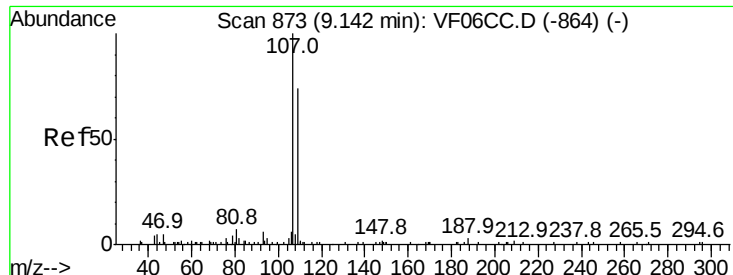
Tot Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 47.7 29.3 87.9



#60
Dibromochloromethane
Concen: 170.322 ug/l
RT: 8.60 min Scan# 818
Delta R.T. -0.28 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion: 129 Resp: 80
Ion Ratio Lower Upper
129 100
127 220.6 37.1 111.3#

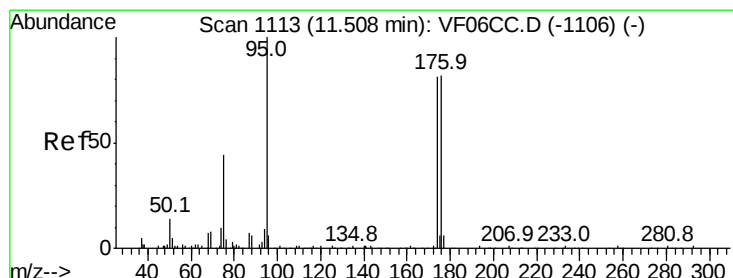
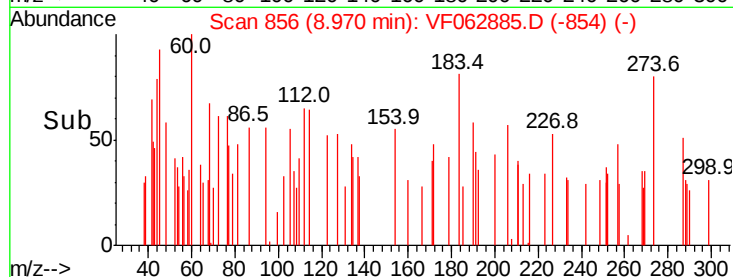
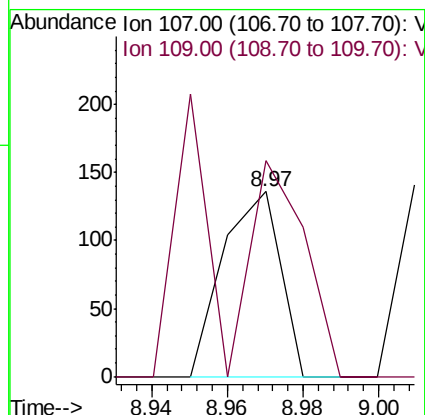
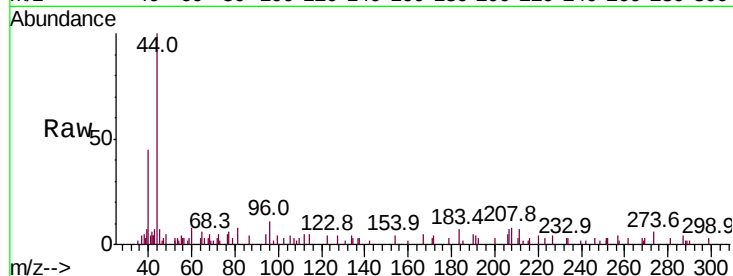




#61
 1,2-Dibromoethane
 Concen: 360.395 ug/l
 RT: 8.97 min Scan# 856
 Delta R.T. -0.18 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

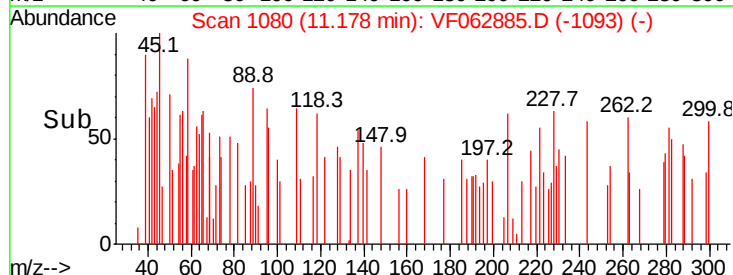
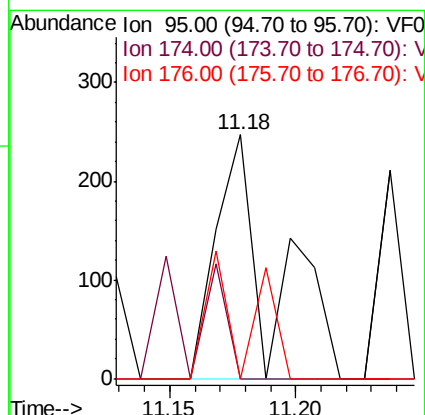
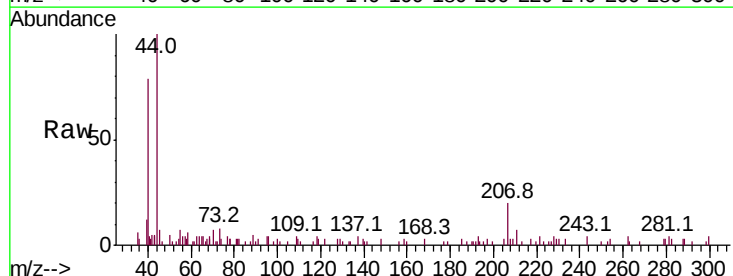
Instrument :
 MSVOA_F
 ClientSampleId :
 0435-HR-15(HACKENSACK)

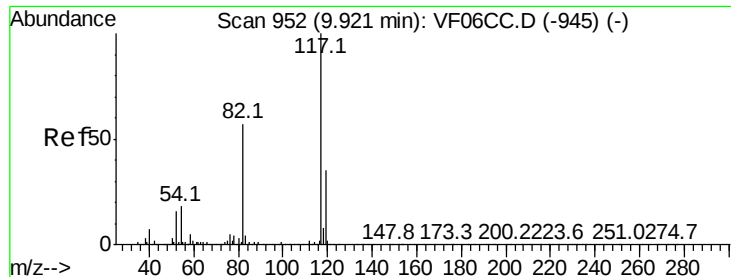
Tot Ion:107 Resp: 142
 Ion Ratio Lower Upper
 107 100
 109 116.9 78.1 117.1



#62
 4-Bromofluorobenzene
 Concen: 638.145 ug/l
 RT: 11.18 min Scan# 1080
 Delta R.T. -0.33 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

Tgt Ion: 95 Resp: 386
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 170.6
 176 0.0 0.0 170.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.66 min Scan# 926

Delta R.T. -0.27 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

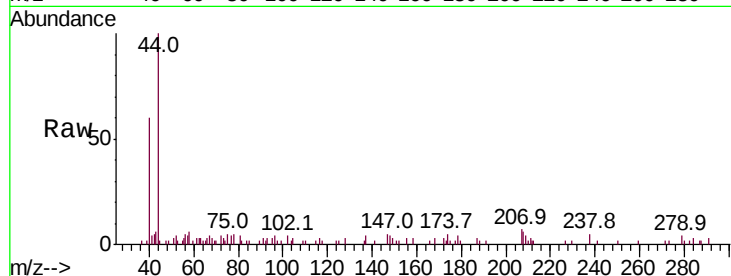
Tot Ion:117 Resp: 60

Ion Ratio Lower Upper

117 100

82 0.0 42.4 63.6#

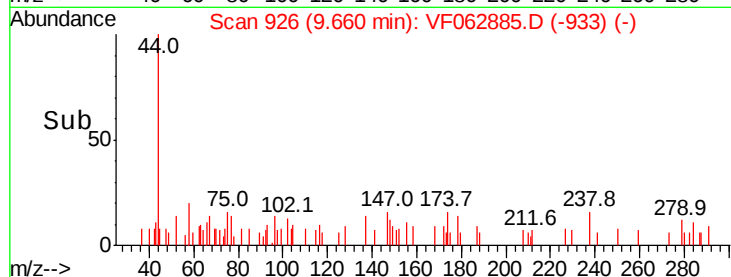
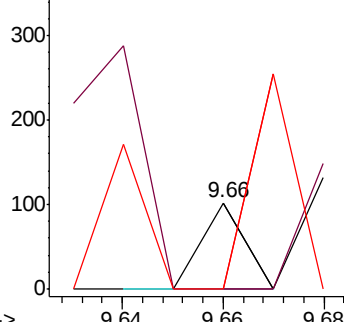
119 0.0 27.1 40.7#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64

Tetrachloroethene

Concen: 138.810 ug/l

RT: 8.34 min Scan# 792

Delta R.T. 0.01 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Tgt Ion:164 Resp: 64

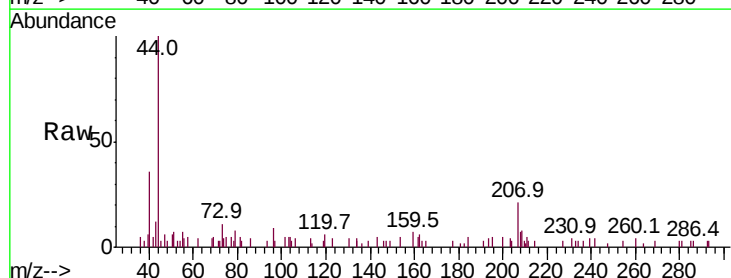
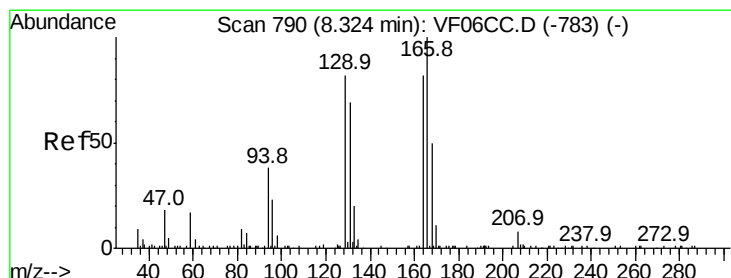
Ion Ratio Lower Upper

164 100

166 0.0 99.1 148.7#

129 0.0 69.5 104.3#

131 0.0 69.2 103.8#

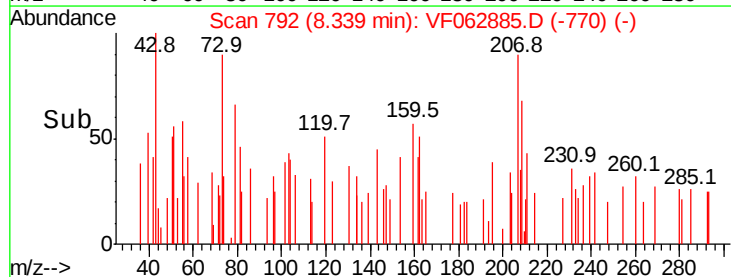
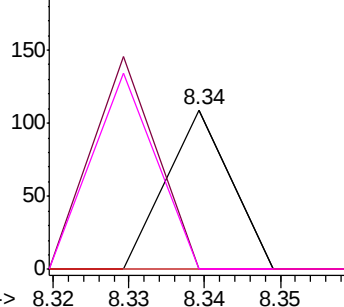


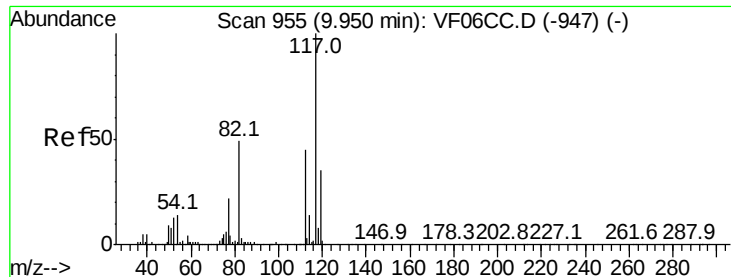
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

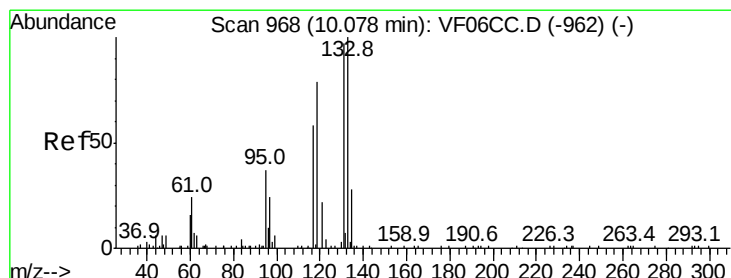
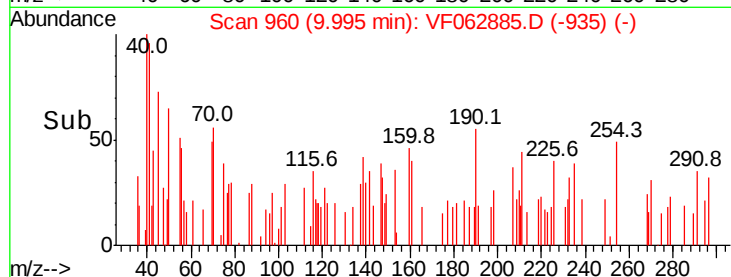
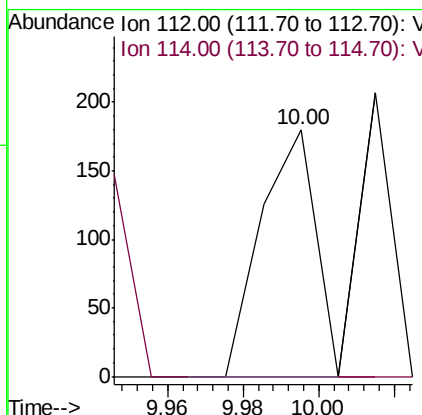
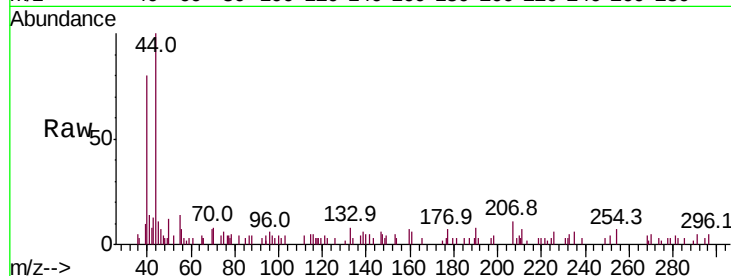




#65
Chlorobenzene
Concen: 156.210 ug/l
RT: 10.00 min Scan# 960
Delta R.T. 0.04 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

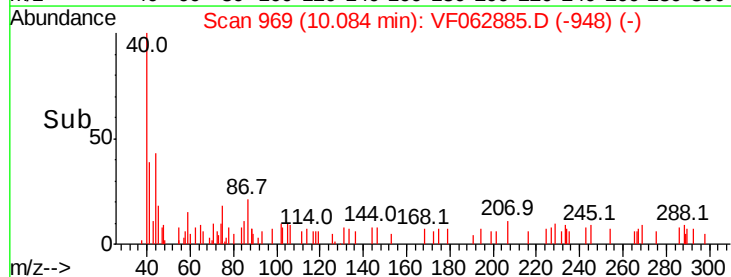
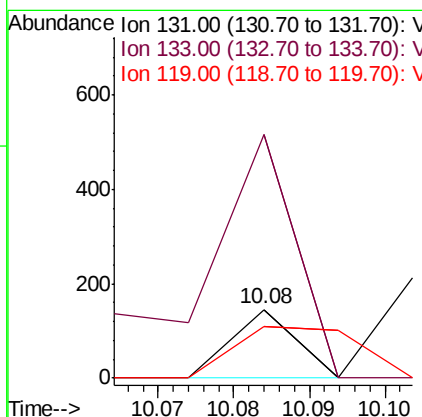
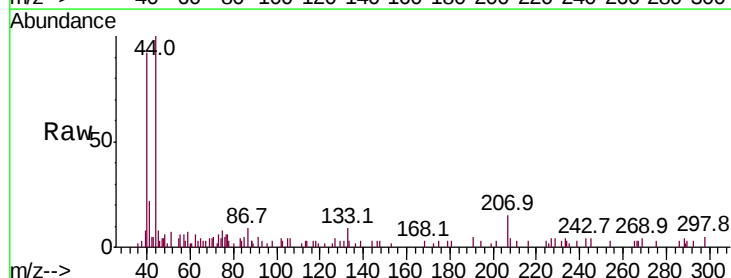
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

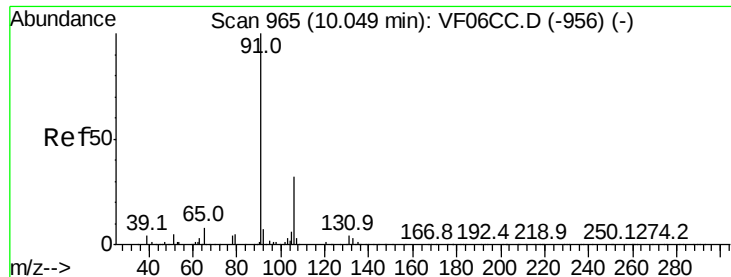
Tot Ion:112 Resp: 181
Ion Ratio Lower Upper
112 100
114 113.3 27.4 41.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 186.365 ug/l
RT: 10.08 min Scan# 969
Delta R.T. 0.00 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion:131 Resp: 86
Ion Ratio Lower Upper
131 100
133 353.4 48.9 146.7#
119 75.3 38.0 114.0

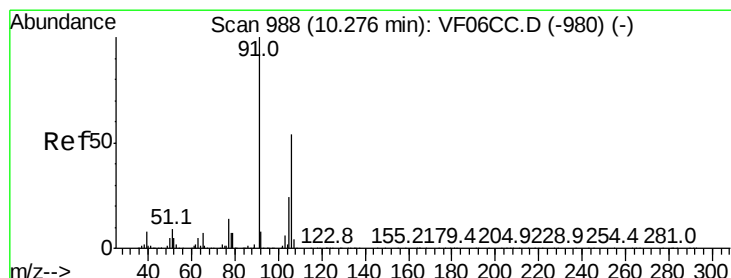
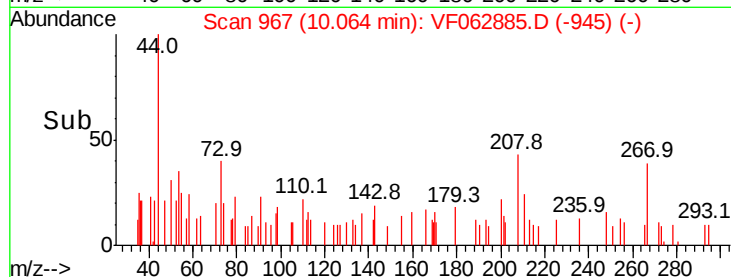
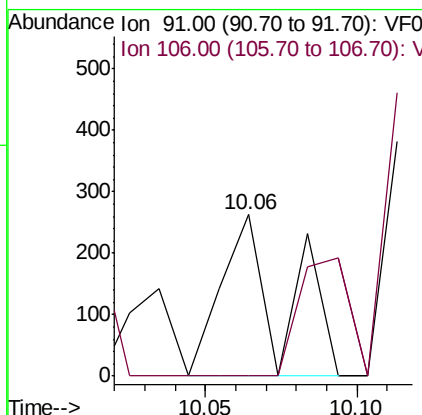
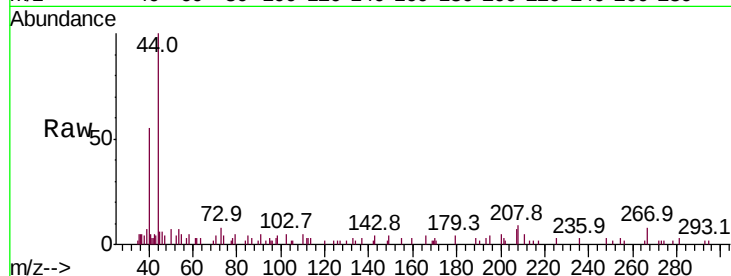




#67
Ethyl Benzene
Concen: 189.603 ug/l
RT: 10.06 min Scan# 967
Delta R.T. 0.01 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

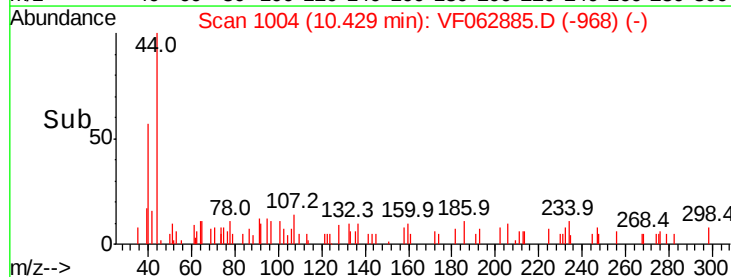
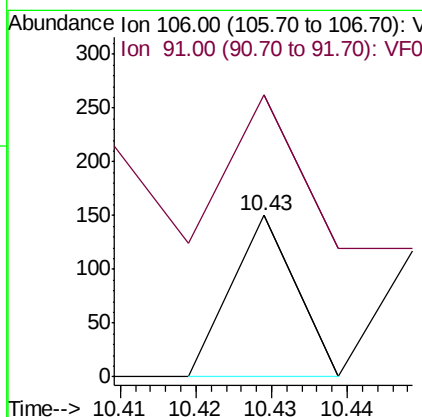
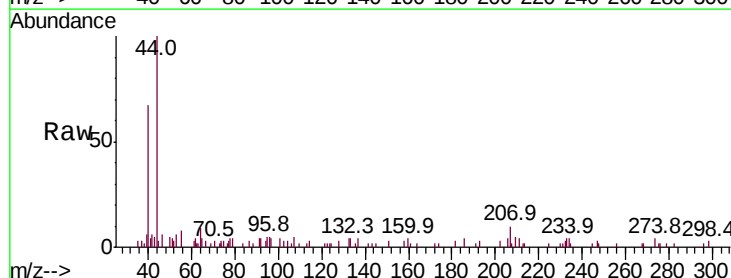
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

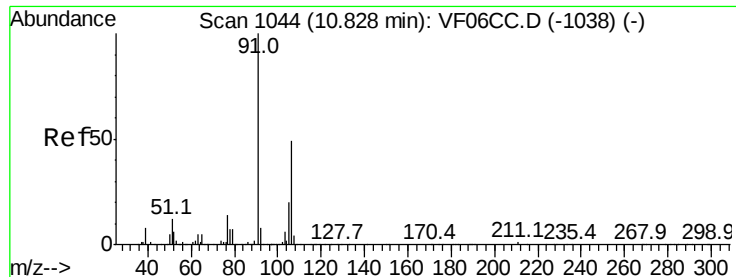
Tot Ion: 91 Resp: 377
Ion Ratio Lower Upper
91 100
106 0.0 26.0 39.0#



#68
m/p-Xylenes
Concen: 116.970 ug/l
RT: 10.43 min Scan# 1004
Delta R.T. 0.15 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion: 106 Resp: 89
Ion Ratio Lower Upper
106 100
91 175.3 136.2 204.4

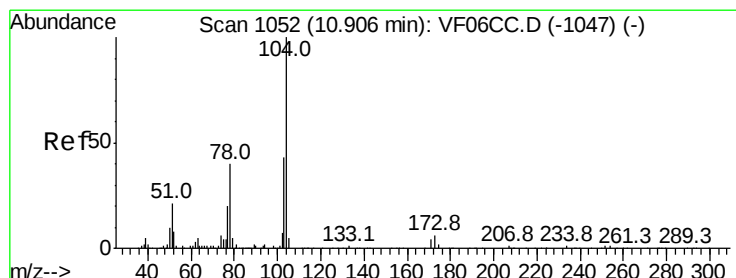
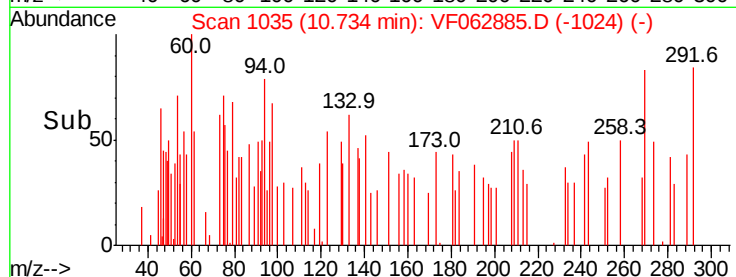
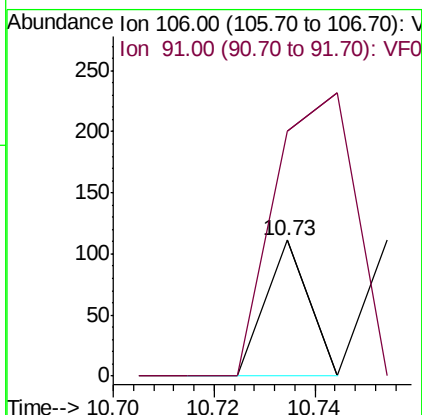
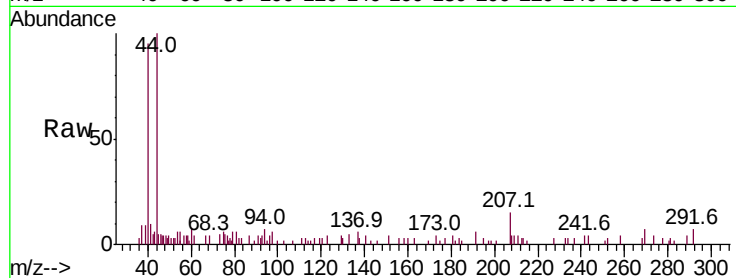




#69
o-Xylene
Concen: 85.674 ug/l
RT: 10.73 min Scan# 1035
Delta R.T. -0.10 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

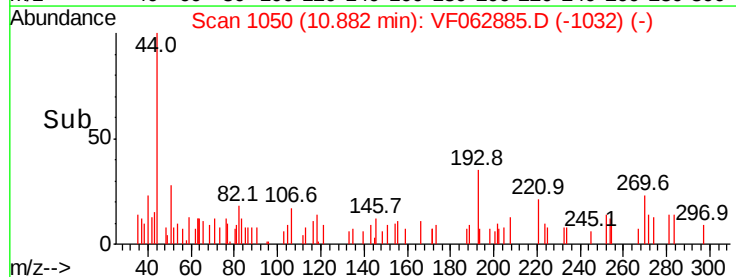
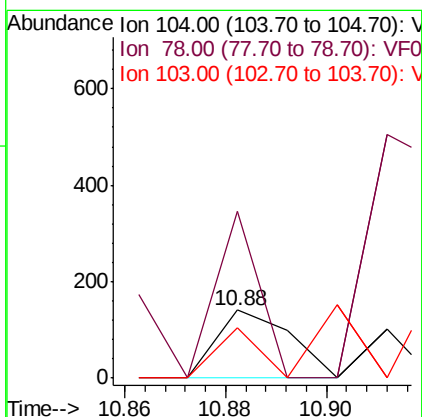
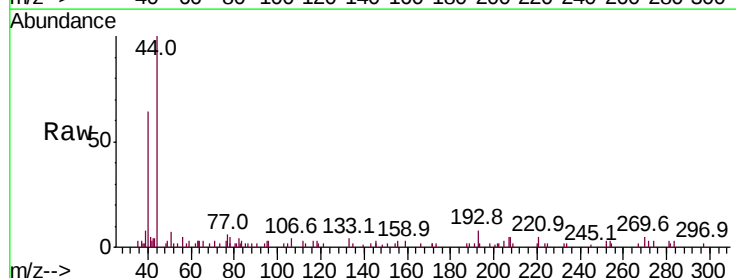
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

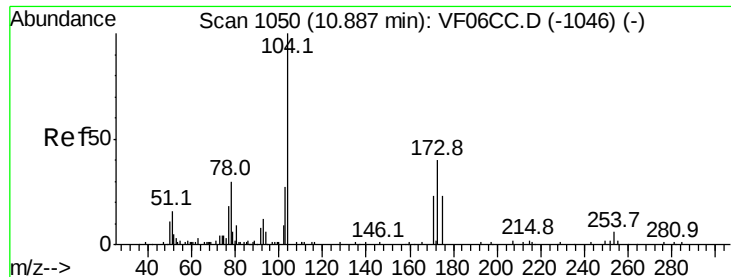
Tot Ion:106 Resp: 66
Ion Ratio Lower Upper
106 100
91 180.2 96.6 289.8



#70
Styrene
Concen: 125.940 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. -0.03 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

Tgt Ion:104 Resp: 143
Ion Ratio Lower Upper
104 100
78 244.7 30.8 46.2#
103 74.5 35.8 53.6#





#71

Bromoform

Concen: 749.875 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.02 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

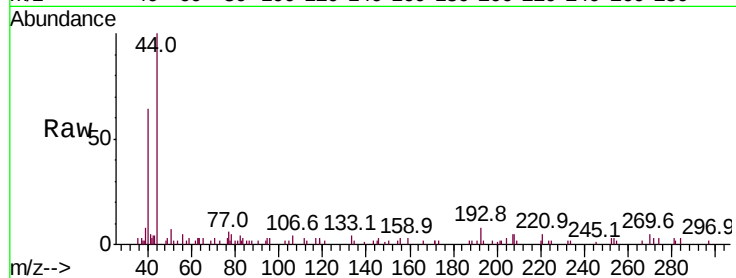
Tot Ion:173 Resp: 166

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

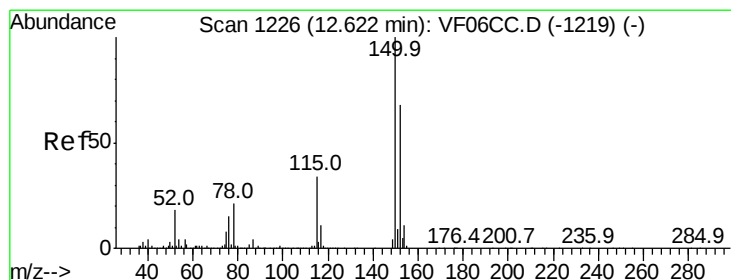
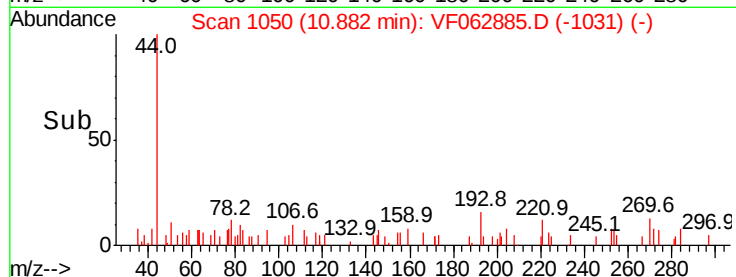
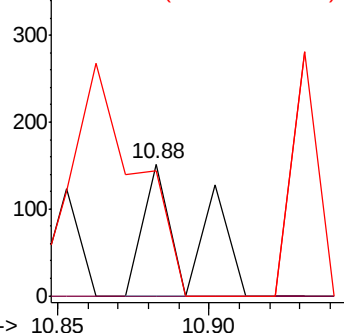
254 94.7 0.1 0.1#



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: 12.65 min Scan# 1229

Delta R.T. 0.02 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

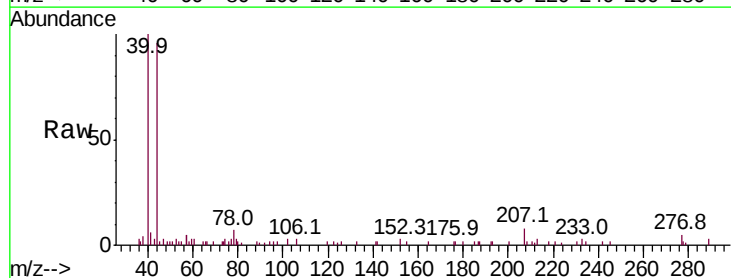
Tgt Ion:152 Resp: 393

Ion Ratio Lower Upper

152 100

115 0.0 24.6 74.0#

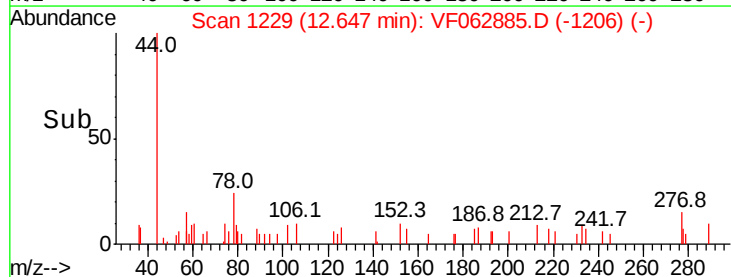
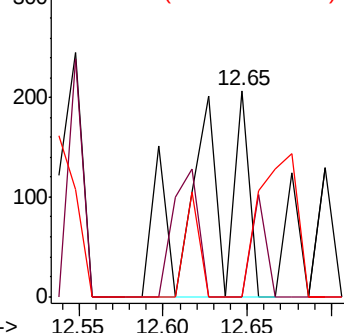
150 0.0 0.0 290.6

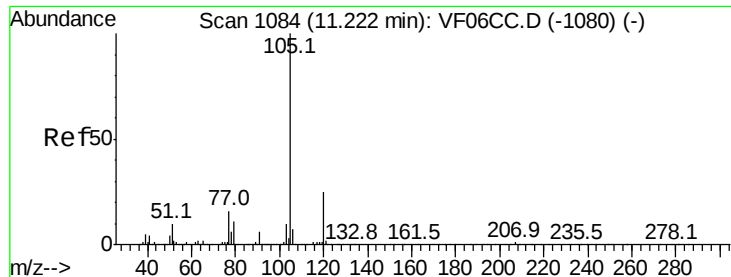


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 10.247 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

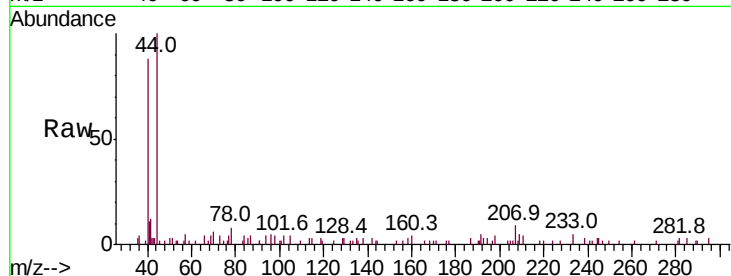
0435-HR-15(HACKENSACK)

Tot Ion:105 Resp: 281

Ion Ratio Lower Upper

105 100

120 0.0 15.1 45.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300

250

200

150

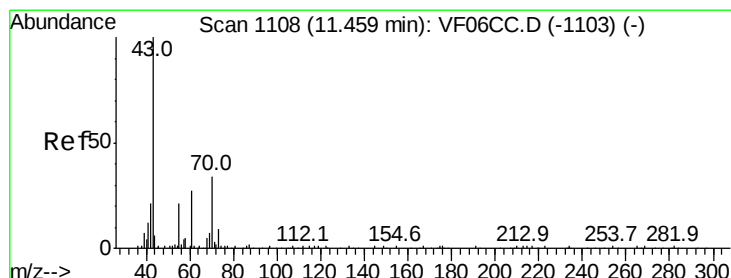
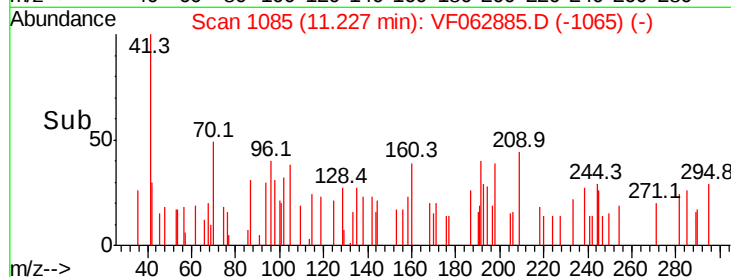
100

50

0

11.20 11.22 11.24

Time-->



#74

N-ethyl acetate

Concen: 157.595 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. 0.02 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Tgt Ion: 43 Resp: 1218

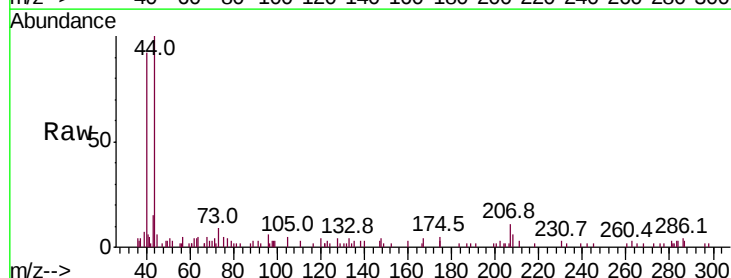
Ion Ratio Lower Upper

43 100

70 22.7 32.9 49.3#

55 12.4 17.3 25.9#

61 14.5 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

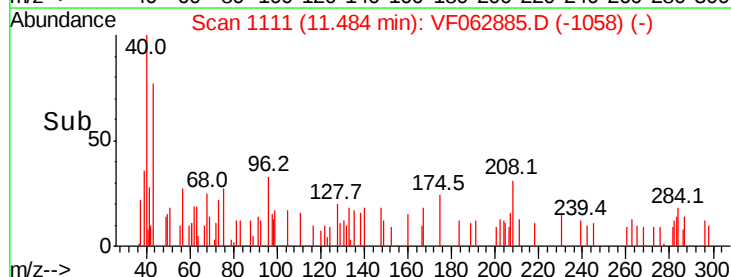
1000

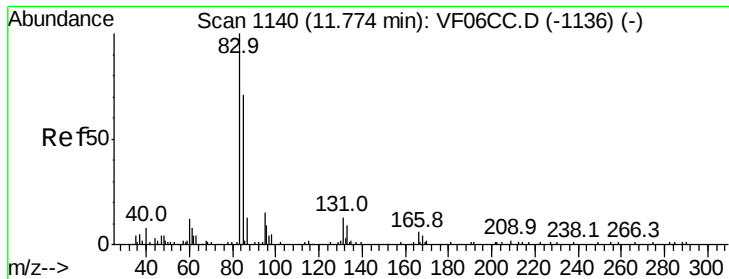
500

0

11.40 11.45 11.50 11.55

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.296 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

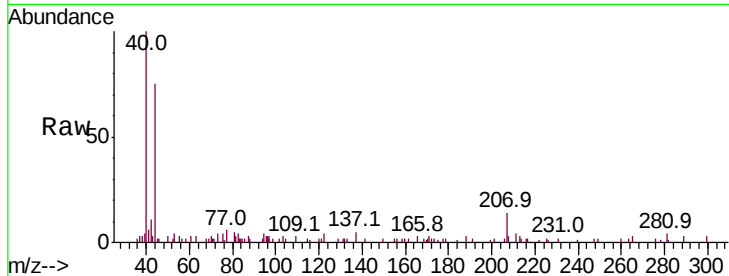
Tot Ion: 83 Resp: 113

Ion Ratio Lower Upper

83 100

131 69.6 4.9 14.7#

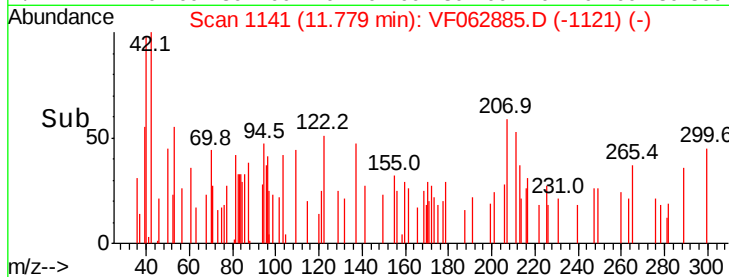
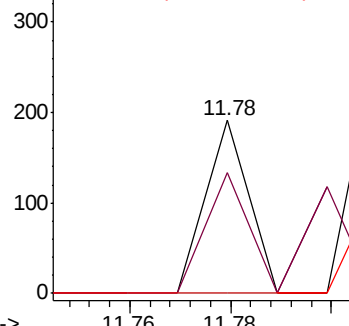
85 0.0 32.1 96.5#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 111.549 ug/l

RT: 11.83 min Scan# 1146

Delta R.T. -0.06 min

Lab File: VF062885.D

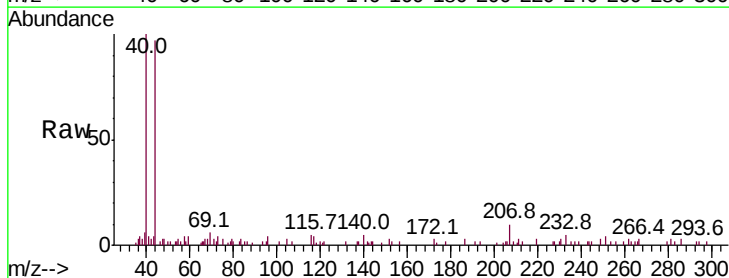
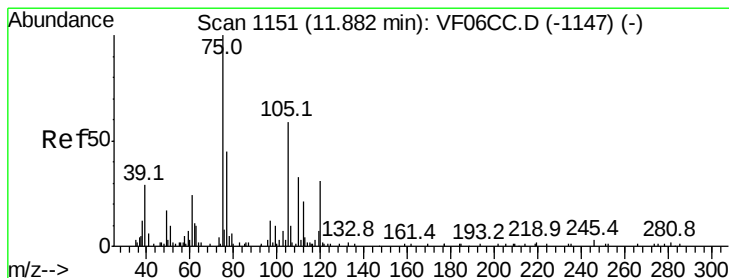
Acq: 6 Jun 2019 16:27

Tgt Ion: 75 Resp: 433

Ion Ratio Lower Upper

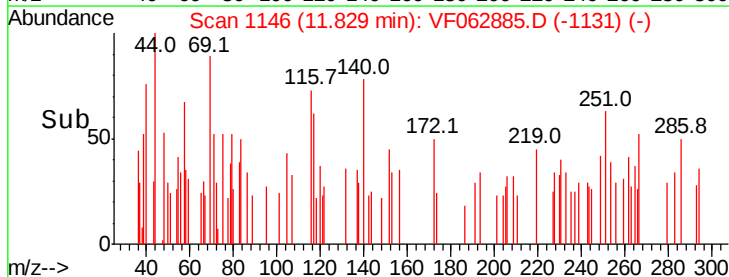
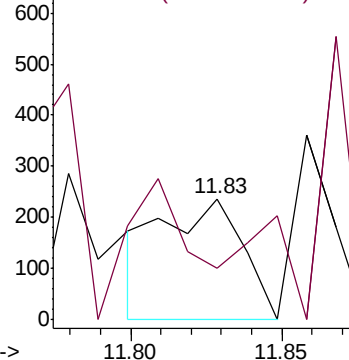
75 100

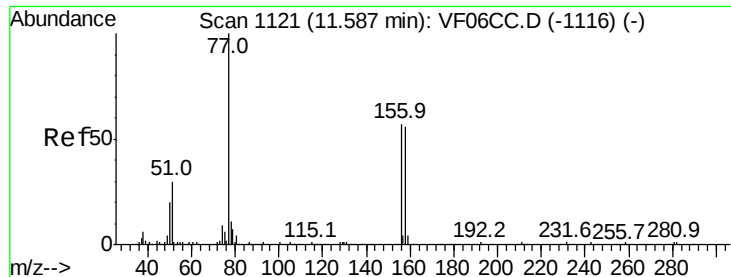
77 42.8 20.1 60.2



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 14.369 ug/l

RT: 11.61 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

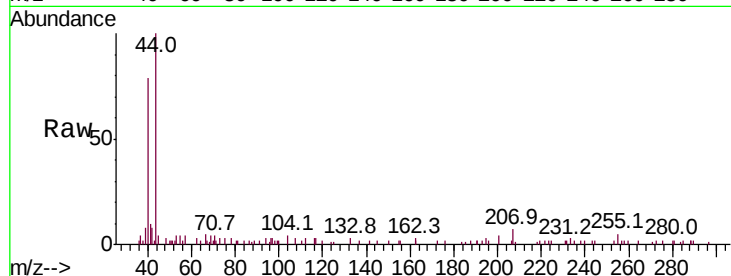
Tot Ion:156 Resp: 99

Ion Ratio Lower Upper

156 100

77 0.0 64.2 192.6#

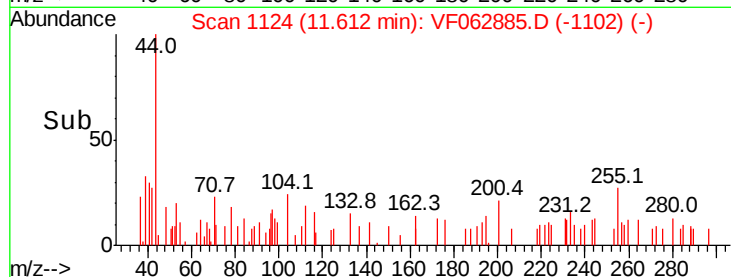
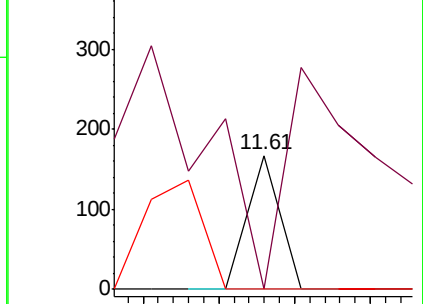
158 0.0 50.3 151.0#



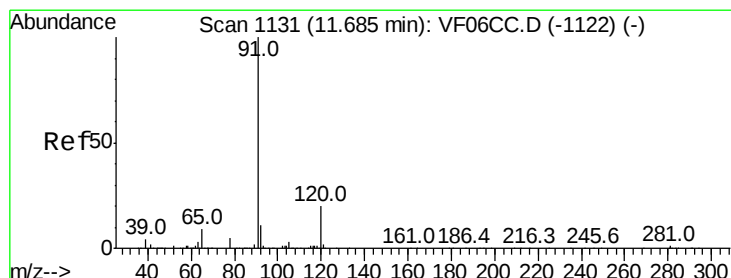
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



Time-->



#78

n-propylbenzene

Concen: 9.332 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF062885.D

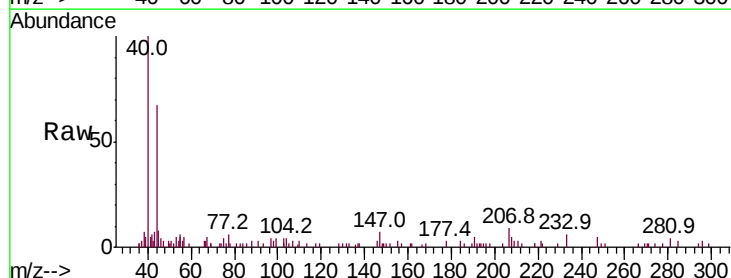
Acq: 6 Jun 2019 16:27

Tgt Ion: 91 Resp: 309

Ion Ratio Lower Upper

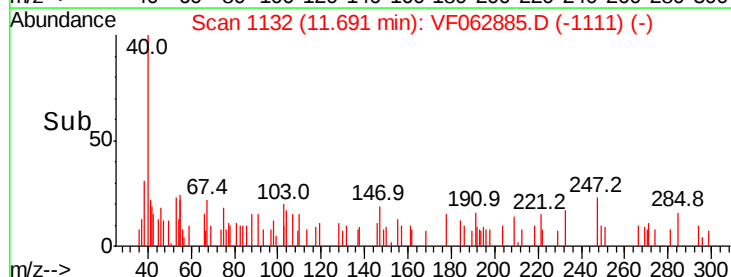
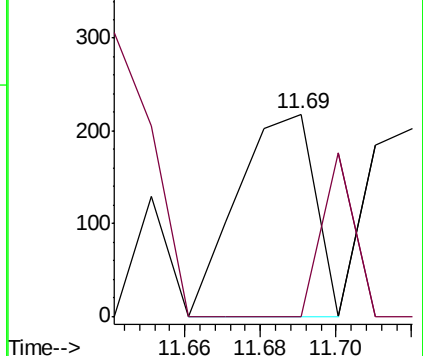
91 100

120 0.0 12.8 38.4#

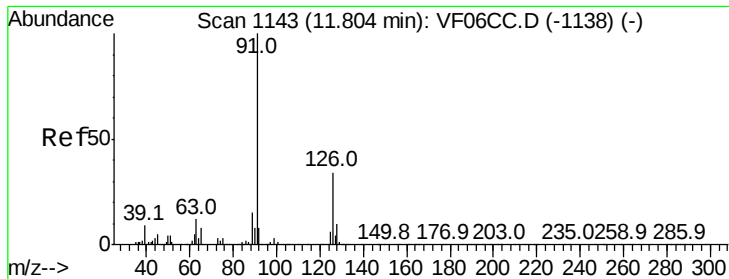


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: 20.797 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.09 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

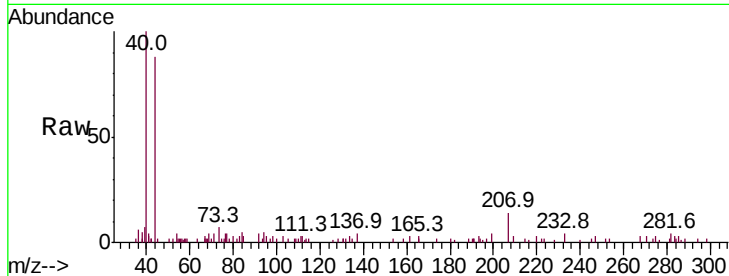
0435-HR-15(HACKENSACK)

Tot Ion: 91 Resp: 394

Ion Ratio Lower Upper

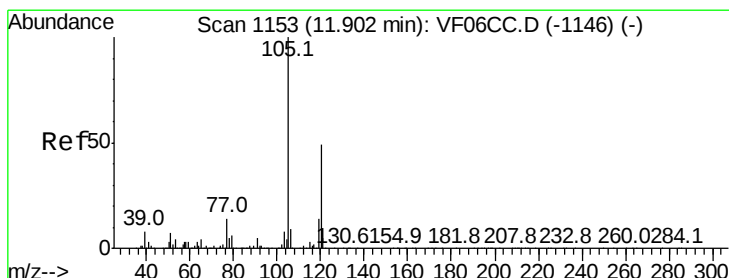
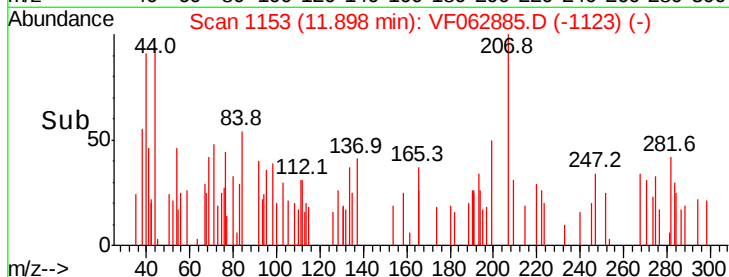
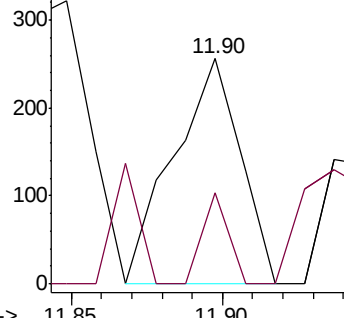
91 100

126 40.6 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 13.155 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VF062885.D

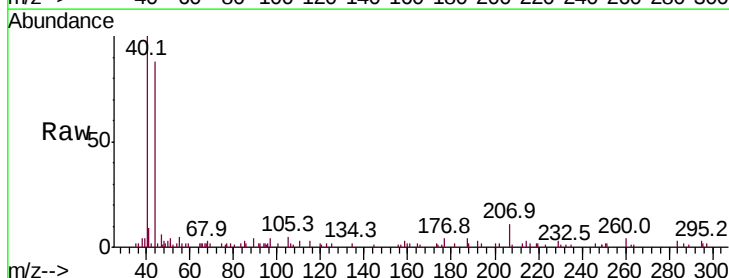
Acq: 6 Jun 2019 16:27

Tgt Ion: 105 Resp: 295

Ion Ratio Lower Upper

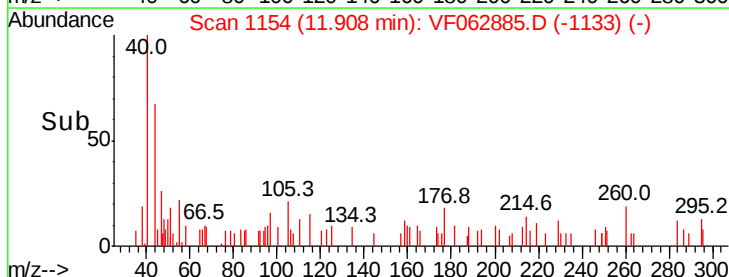
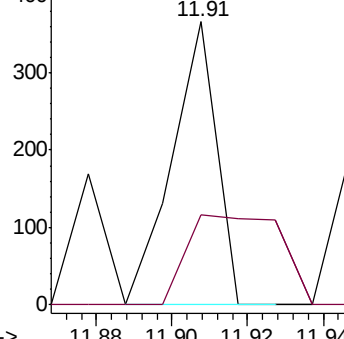
105 100

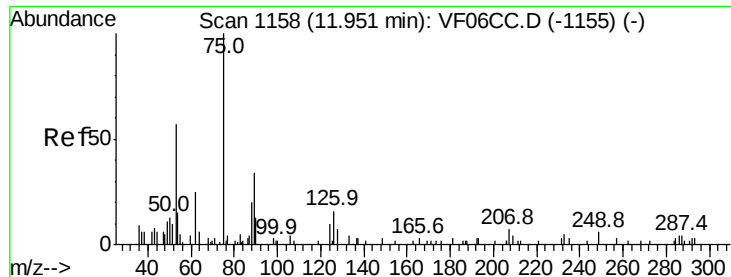
120 32.0 28.7 86.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 190.460 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

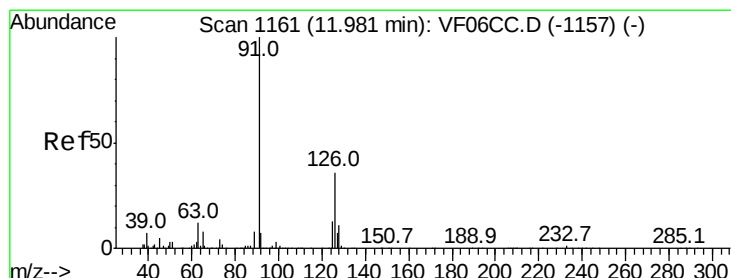
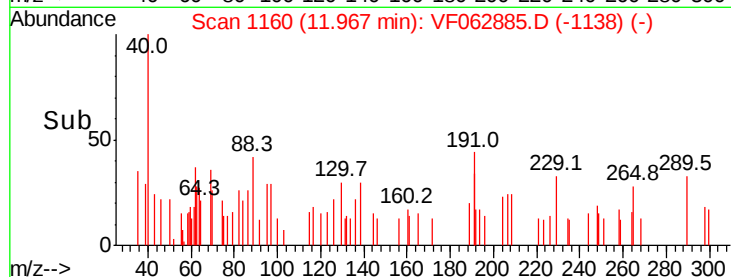
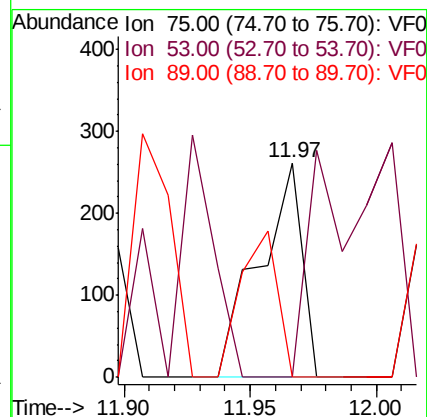
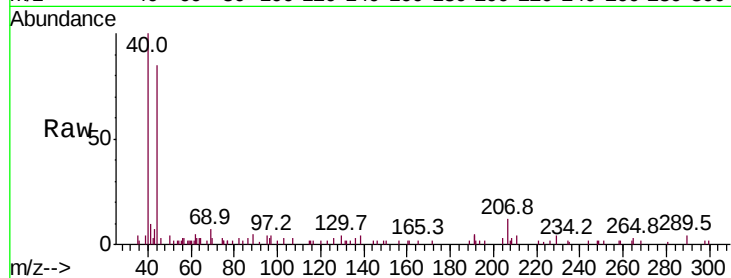
Tot Ion: 75 Resp: 313

Ion Ratio Lower Upper

75 100

53 0.0 43.5 65.3#

89 0.0 34.3 51.5#



#82

4-Chlorotoluene

Concen: 21.162 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. -0.09 min

Lab File: VF062885.D

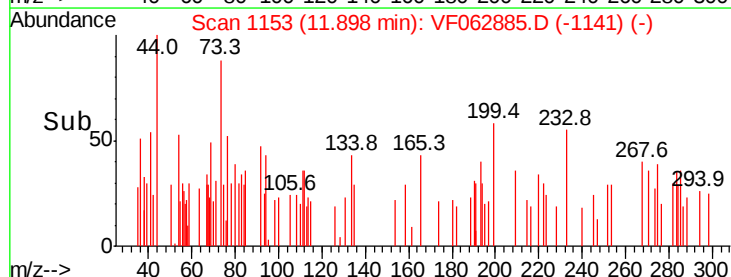
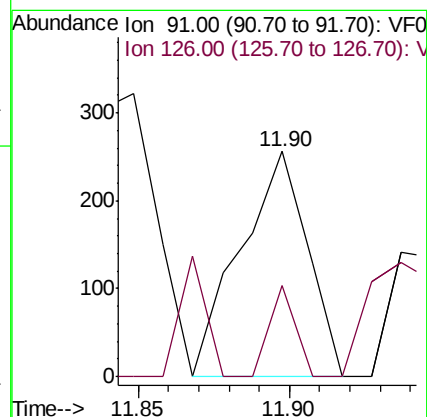
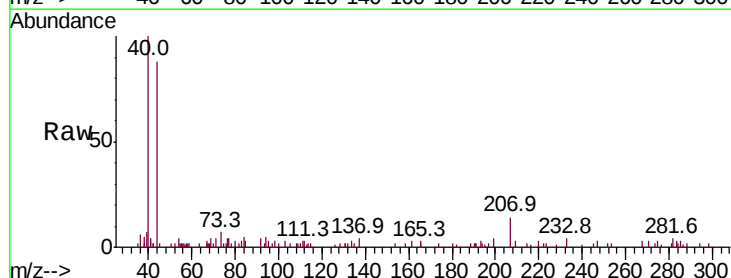
Acq: 6 Jun 2019 16:27

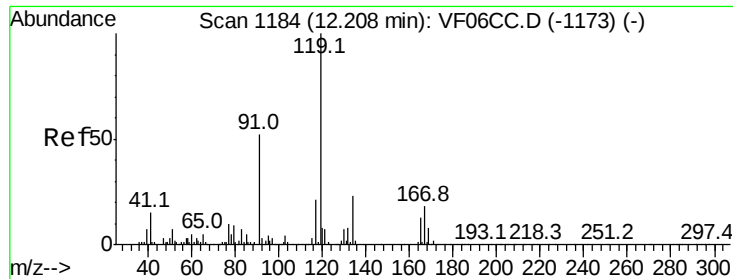
Tgt Ion: 91 Resp: 394

Ion Ratio Lower Upper

91 100

126 40.6 19.1 57.1

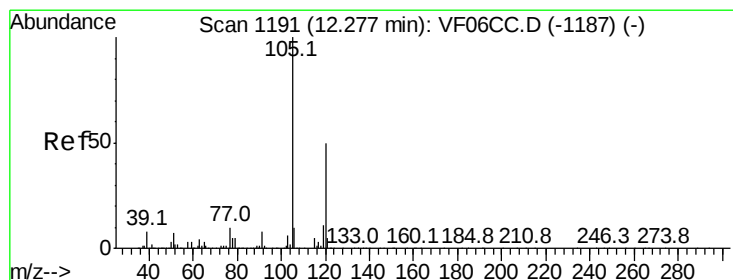
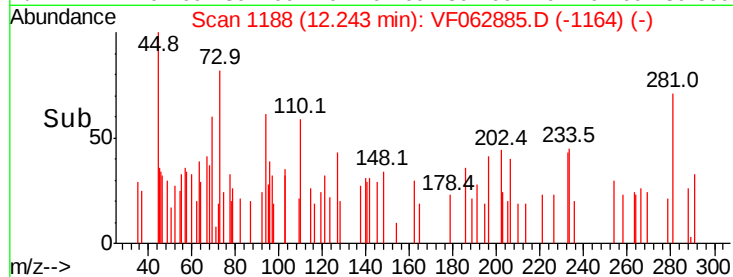
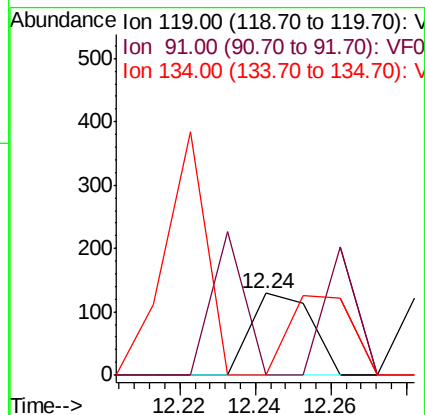
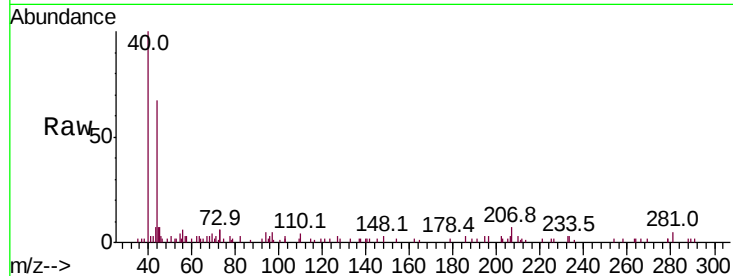




#83
tert-Butylbenzene
Concen: 6.480 ug/l
RT: 12.24 min Scan# 1188
Delta R.T. 0.03 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

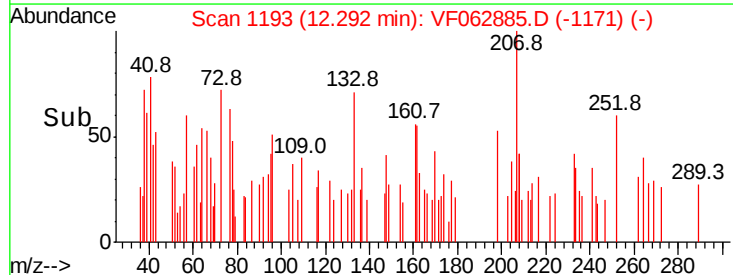
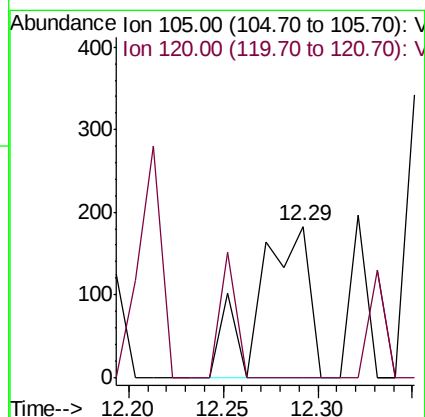
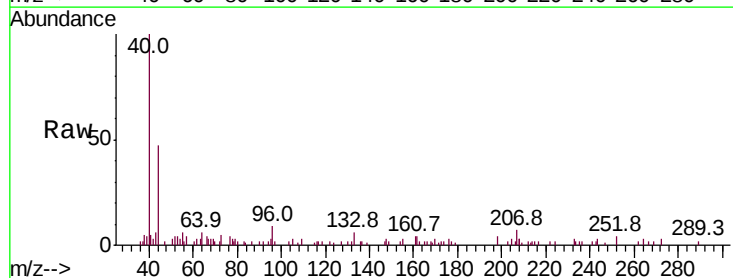
Instrument :
MSVOA_F
ClientSampleId :
0435-HR-15(HACKENSACK)

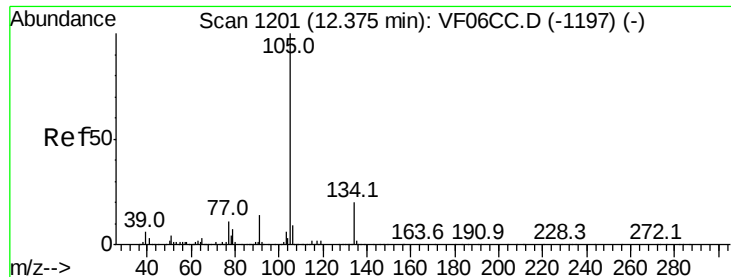
Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	28.9	86.7#
134	0.0	14.3	42.9#



#84
1,2,4-Trimethylbenzene
Concen: 16.179 ug/l
RT: 12.29 min Scan# 1193
Delta R.T. 0.01 min
Lab File: VF062885.D
Acq: 6 Jun 2019 16:27

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





#85

sec-Butylbenzene

Concen: 2.117 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

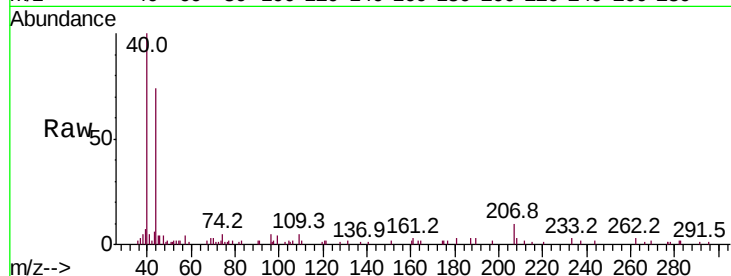
0435-HR-15(HACKENSACK)

Tot Ion:105 Resp: 62

Ion Ratio Lower Upper

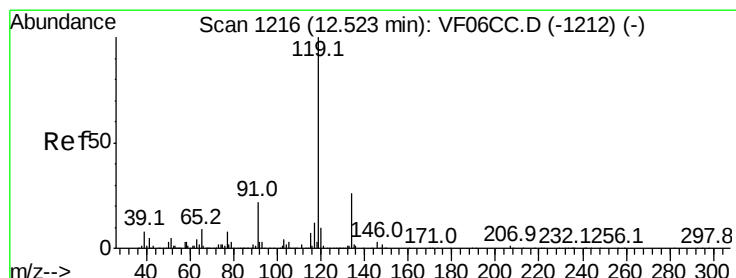
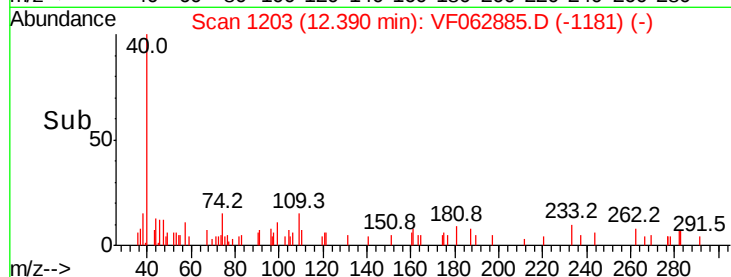
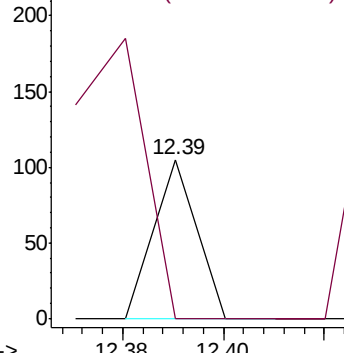
105 100

134 0.0 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.606 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

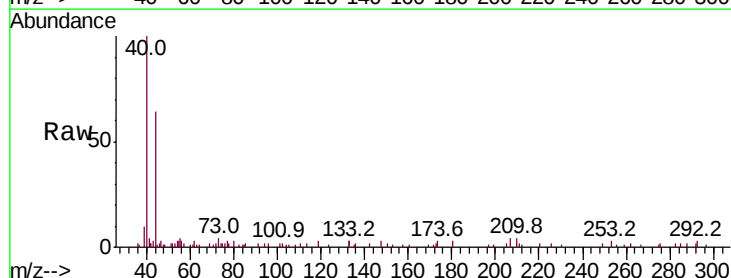
Tgt Ion:119 Resp: 161

Ion Ratio Lower Upper

119 100

134 0.0 15.5 46.5#

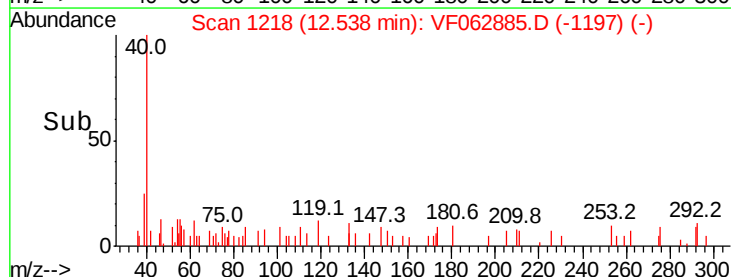
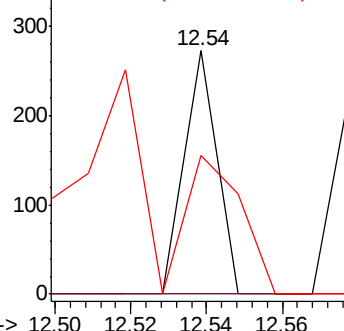
91 57.1 10.3 30.9#

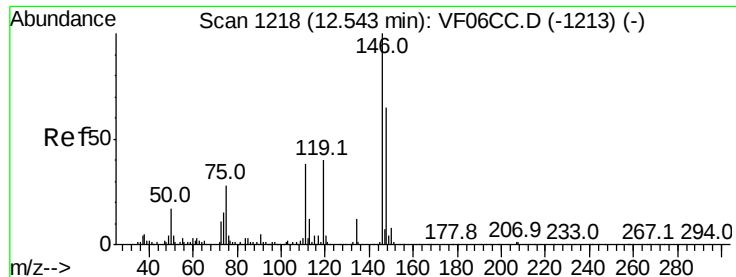


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#87

1,3-Dichlorobenzene

Concen: 5.185 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.03 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

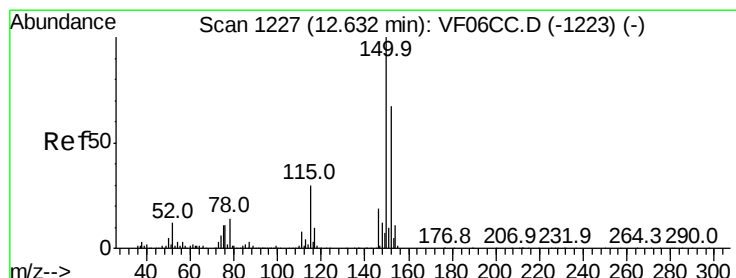
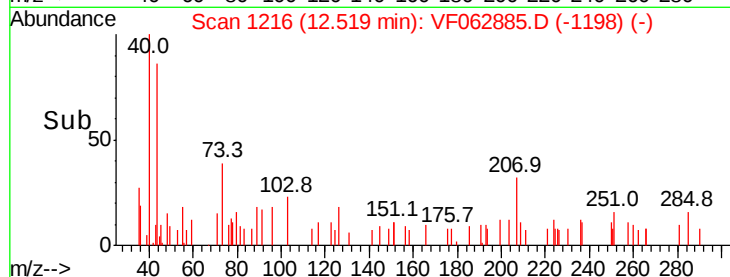
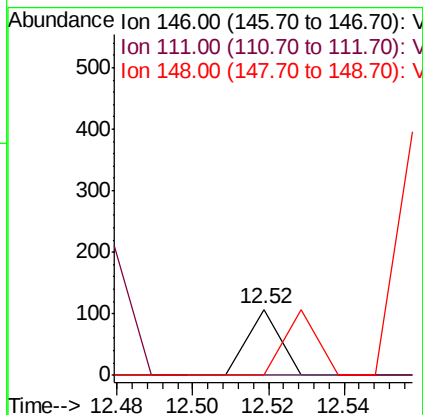
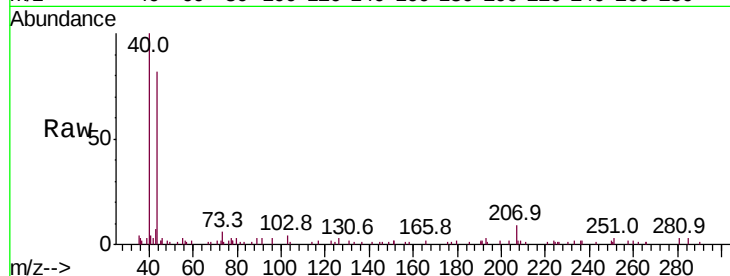
Tot Ion:146 Resp: 63

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.8#

148 0.0 34.2 102.5#



#88

1,4-Dichlorobenzene

Concen: 7.319 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

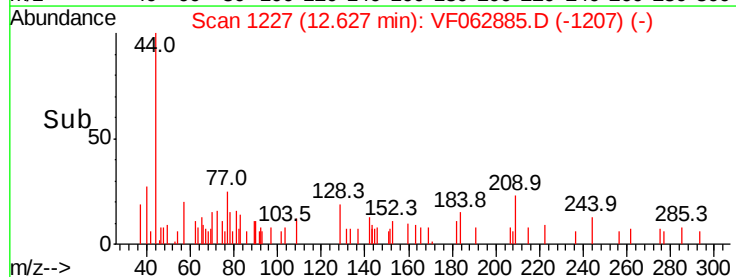
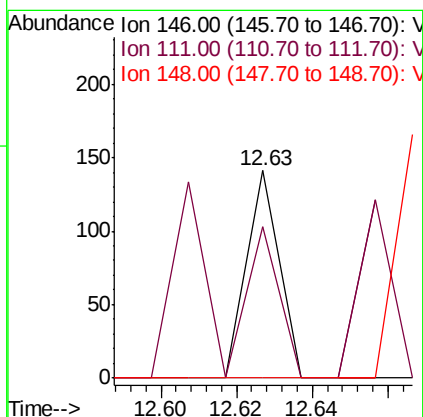
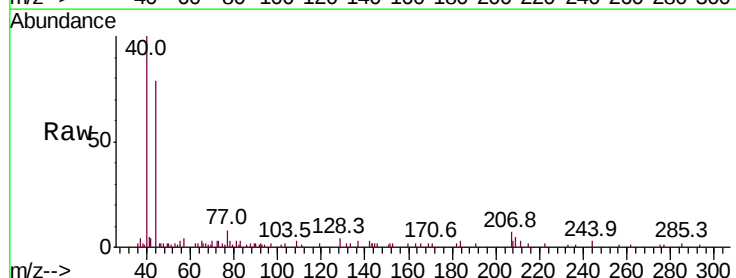
Tgt Ion:146 Resp: 83

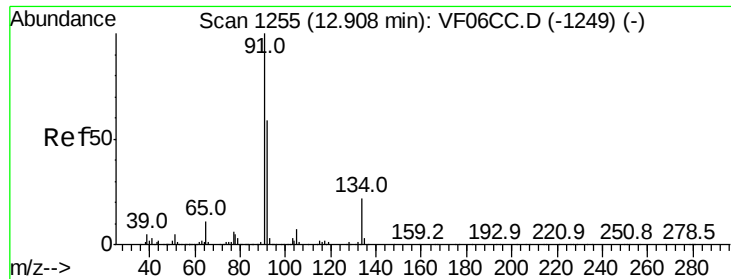
Ion Ratio Lower Upper

146 100

111 73.0 20.3 60.9#

148 0.0 34.0 101.8#





#89

n-Butylbenzene

Concen: 14.929 ug/l

RT: 12.93 min Scan# 1258

Delta R.T. 0.02 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument:

MSVOA_F

ClientSampleId:

0435-HR-15(HACKENSACK)

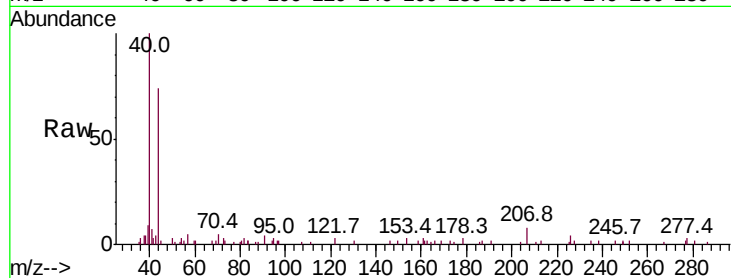
Tot Ion: 91 Resp: 366

Ion Ratio Lower Upper

91 100

92 0.0 34.2 102.6#

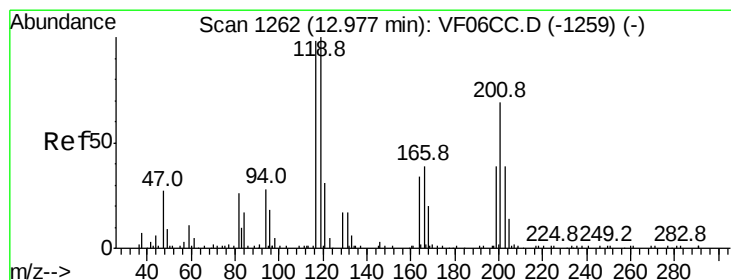
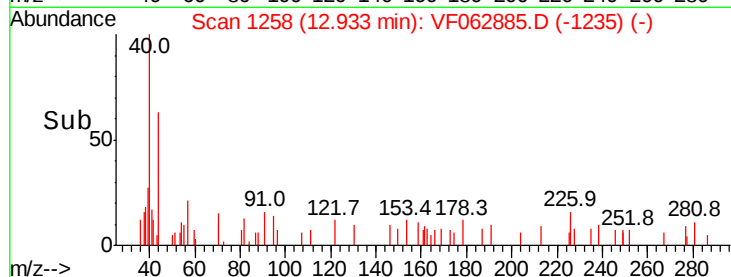
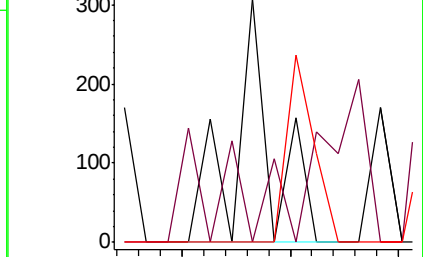
134 0.0 15.8 47.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 12.617 ug/l

RT: 12.97 min Scan# 1262

Delta R.T. -0.02 min

Lab File: VF062885.D

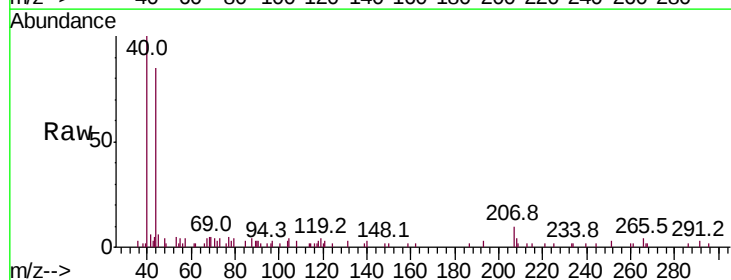
Acq: 6 Jun 2019 16:27

Tgt Ion: 117 Resp: 75

Ion Ratio Lower Upper

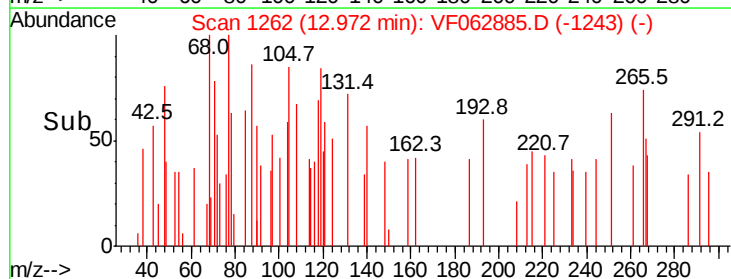
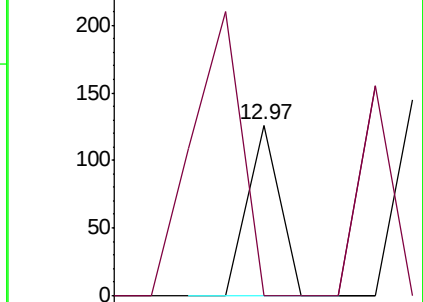
117 100

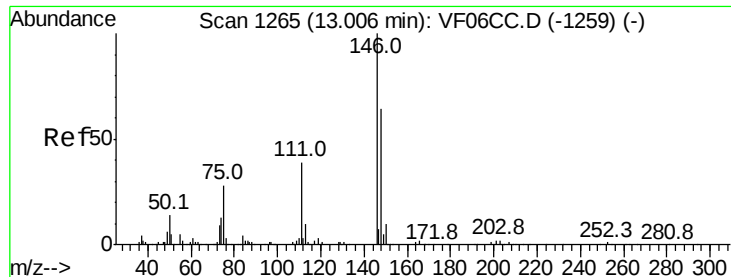
201 0.0 38.9 116.7#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

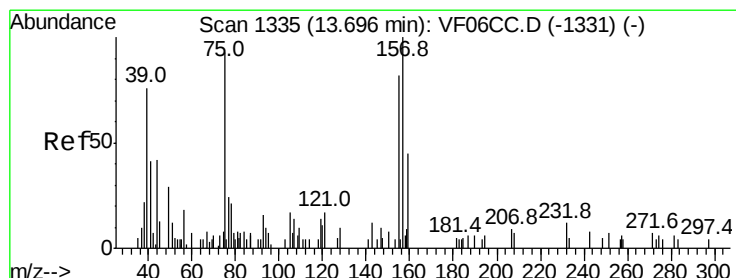
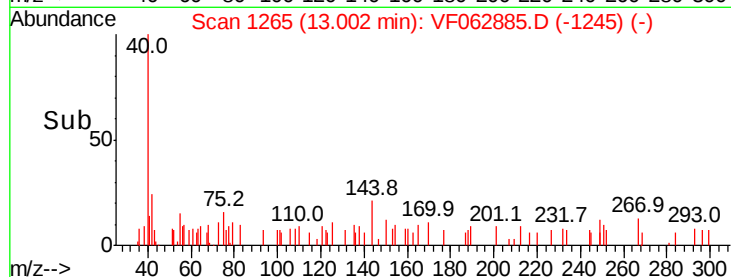
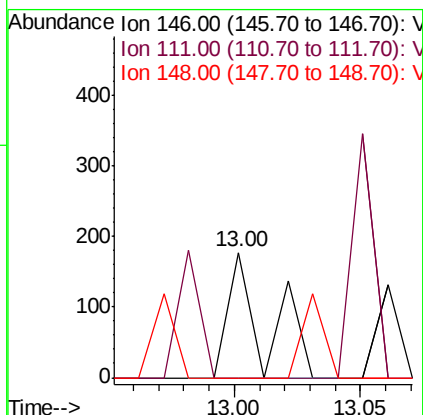
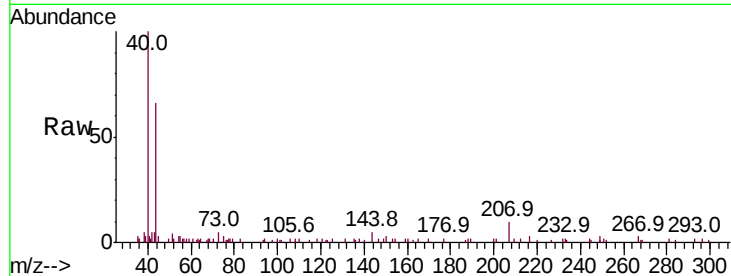




#91
 1,2-Dichlorobenzene
 Concen: 17.415 ug/l
 RT: 13.00 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

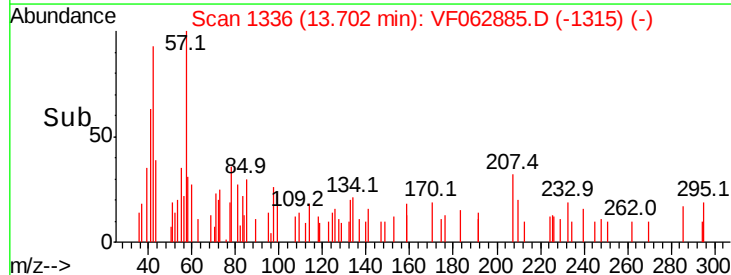
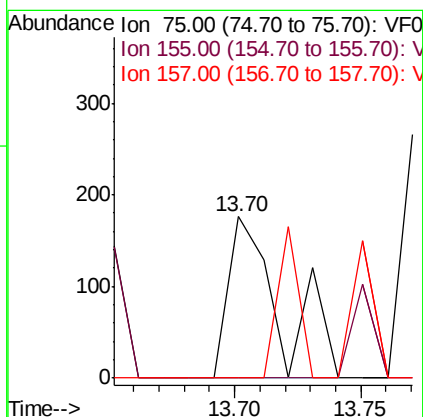
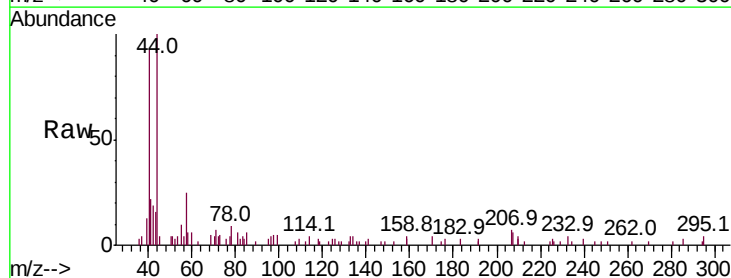
Instrument :
 MSVOA_F
 ClientSampleId :
 0435-HR-15(HACKENSACK)

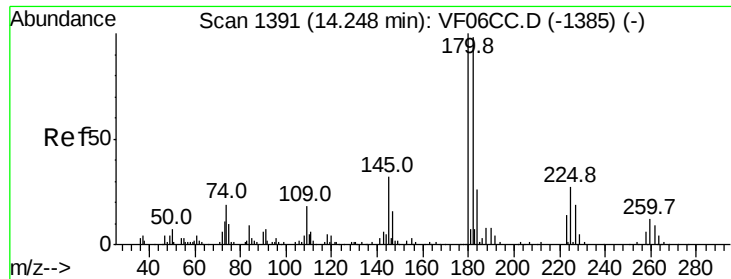
Tot Ion:146 Resp: 186
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.4 61.3#
 148 0.0 34.1 102.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 393.421 ug/l
 RT: 13.70 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

Tgt Ion: 75 Resp: 251
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.7 155.1#
 157 0.0 66.8 200.6#

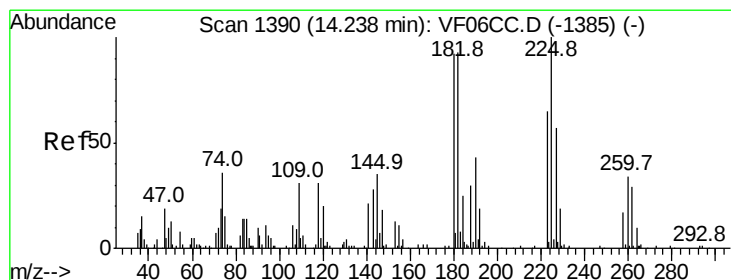
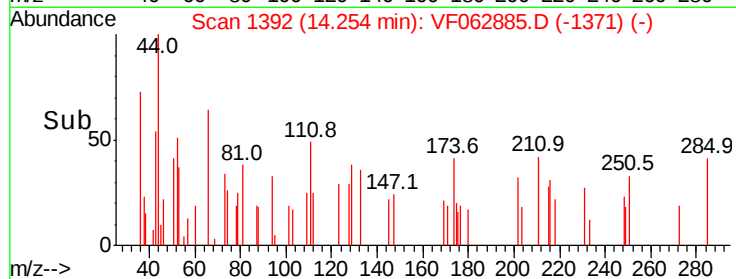
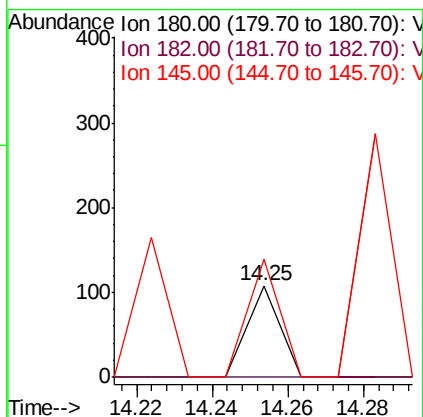
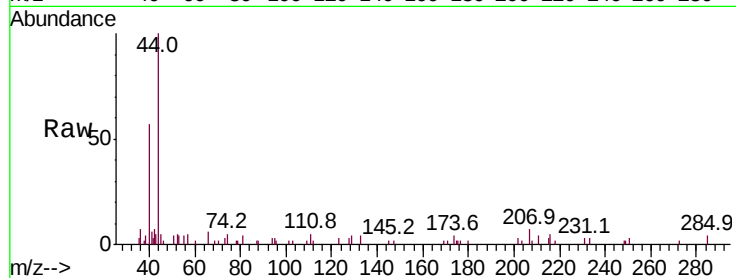




#93
 1,2,4-Trichlorobenzene
 Concen: 8.727 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

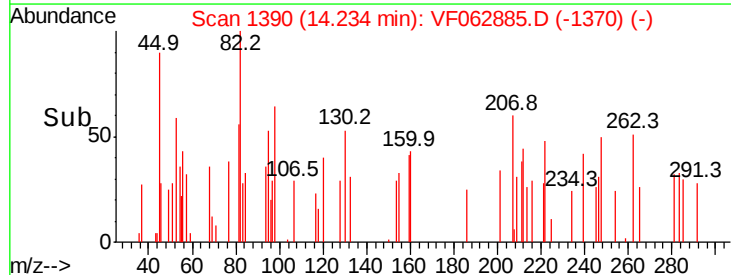
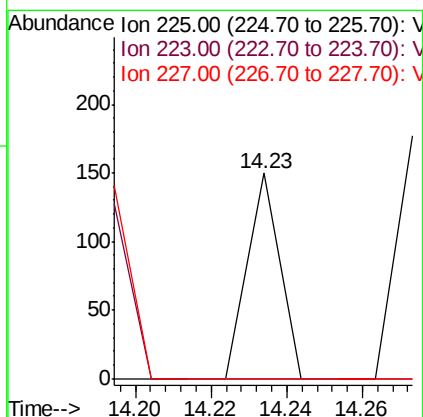
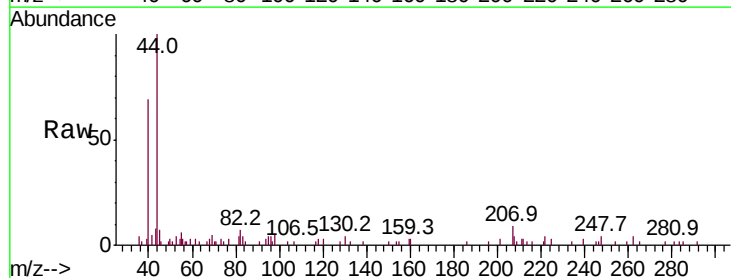
Instrument :
 MSVOA_F
 ClientSampleId :
 0435-HR-15(HACKENSACK)

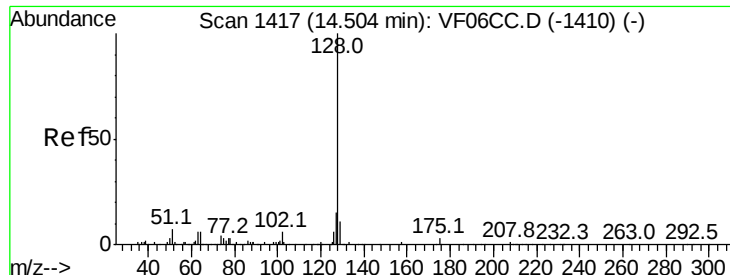
Tot Ion:180 Resp: 64
 Ion Ratio Lower Upper
 180 100
 182 0.0 50.3 150.9#
 145 128.7 15.4 46.2#



#94
 Hexachlorobutadiene
 Concen: 17.543 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VF062885.D
 Acq: 6 Jun 2019 16:27

Tgt Ion:225 Resp: 89
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.8 92.4#
 227 0.0 31.9 95.5#





#95

Naphthalene

Concen: 18.478 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.02 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

0435-HR-15(HACKENSACK)

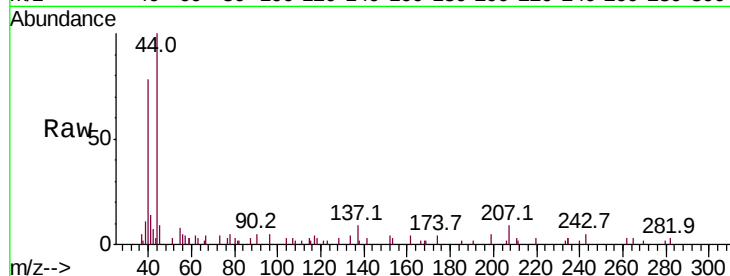
Tot Ion:128 Resp: 222

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

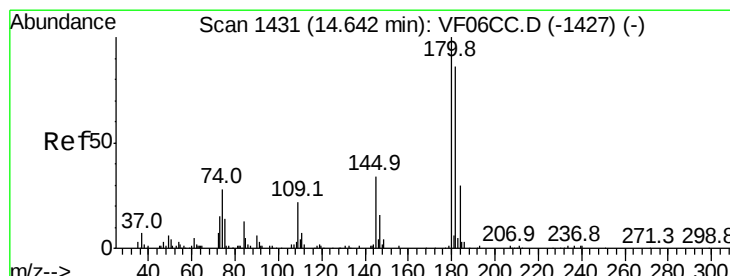
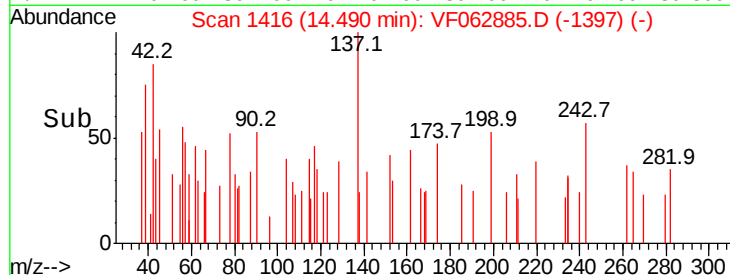
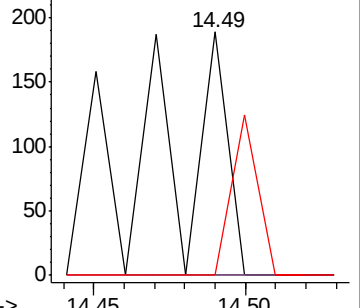
129 0.0 9.4 14.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.109 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. -0.11 min

Lab File: VF062885.D

Acq: 6 Jun 2019 16:27

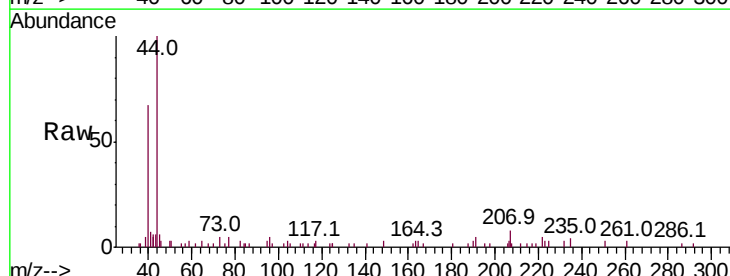
Tgt Ion:180 Resp: 148

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 0.0 15.7 47.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

