

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062827.D
 Acq On : 3 Jun 2019 14:28
 Operator : FY/SY
 Sample : K3097-03
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 0423-HR-3(HACKENSACK)

Quant Time: Jun 04 08:51:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	9736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.06	114	449	50.00	ug/l	0.26
63) Chlorobenzene-d5	10.35	117	369	50.00	ug/l	0.42
72) 1,4-Dichlorobenzene-d4	12.62	152	80	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.05	65	616	9.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.30%	
35) Dibromofluoromethane	4.54	113	148	43.62	ug/l	0.21
Spiked Amount	50.000		Recovery	=	87.24%	
50) Toluene-d8	8.06	98	336	39.16	ug/l	0.33
Spiked Amount	50.000		Recovery	=	78.32%	
62) 4-Bromofluorobenzene	12.05	95	215	69.66	ug/l	0.54
Spiked Amount	50.000		Recovery	=	139.32%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	0.99	85	341	Below Cal	#	39
3) Chloromethane	1.10	50	2407	23.893	ug/l	99
4) Vinyl Chloride	1.17	62	406	4.056	ug/l #	42
5) Bromomethane	1.51	94	607	10.632	ug/l	93
6) Chloroethane	1.43	64	111	2.966	ug/l #	1
8) Diethyl Ether	1.73	74	542	19.439	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.91	101	739	8.294	ug/l #	45
11) Tert butyl alcohol	2.74	59	271	66.446	ug/l #	70
12) 1,1-Dichloroethene	1.87	96	578	7.144	ug/l #	6
13) Acrolein	2.00	56	587	364.003	ug/l	94
14) Allyl chloride	2.23	41	320	5.098	ug/l #	13
15) Acrylonitrile	3.11	53	583	38.042	ug/l #	57
16) Acetone	2.35	43	520	33.746	ug/l #	26
17) Carbon Disulfide	1.93	76	307	1.298	ug/l #	1
18) Methyl Acetate	2.32	43	599	22.245	ug/l	96
19) Methyl tert-butyl Ether	2.58	73	753	5.137	ug/l #	1
20) Methylene Chloride	2.35	84	206	Below Cal	#	44
21) trans-1,2-Dichloroethene	2.55	96	370	4.561	ug/l	85
22) Diisopropyl ether	2.95	45	433	2.428	ug/l #	49
23) Vinyl Acetate	3.38	43	950	7.782	ug/l #	73
24) 1,1-Dichloroethane	3.01	63	838	6.294	ug/l #	88
25) 2-Butanone	4.42	43	693	19.312	ug/l	94
26) 2,2-Dichloropropane	3.74	77	741	9.801	ug/l	89
27) cis-1,2-Dichloroethene	3.66	96	903	6.622	ug/l	24
28) Bromochloromethane	3.91	49	347	4.791	ug/l #	1
29) Tetrahydrofuran	4.32	42	461	33.589	ug/l #	68
31) Cyclohexane	3.91	56	300	1.664	ug/l #	13
32) 1,1,1-Trichloroethane	4.30	97	445	4.073	ug/l #	41
36) 1,1-Dichloropropene	4.69	75	493	119.271	ug/l #	15
37) Ethyl Acetate	4.52	43	1129	714.524	ug/l #	18
38) Carbon Tetrachloride	4.40	117	419	149.988	ug/l #	15
39) Methylcyclohexane	5.91	83	87	16.911	ug/l #	50
40) Benzene	5.09	78	485	40.316	ug/l #	1
41) Methacrylonitrile	5.17	41	947	1078.101	ug/l #	37

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

42) 1,2-Dichloroethane	5.38	62	174	76.049	ug/l	69
43) Isopropyl Acetate	7.48	43	1322	633.356	ug/l #	75
44) Trichloroethene	5.97	130	91	26.803	ug/l	3
45) 1,2-Dichloropropane	6.76	63	474	157.014	ug/l #	44
46) Dibromomethane	6.58	93	184	104.395	ug/l #	2
47) Bromodichloromethane	6.86	83	392	109.207	ug/l #	13
48) Methyl methacrylate	7.22	41	1086	1009.559	ug/l #	62
49) 1,4-Dioxane	7.19	88	154	10861.009	ug/l #	1
51) 4-Methyl-2-Pentanone	8.82	43	1420	952.891	ug/l #	32
52) Toluene	8.16	92	206	31.793	ug/l #	1
53) t-1,3-Dichloropropene	8.92	75	389	130.781	ug/l	97
54) cis-1,3-Dichloropropene	7.82	75	90	20.903	ug/l #	1
55) 1,1,2-Trichloroethane	9.05	97	603	311.512	ug/l #	19
56) Ethyl methacrylate	9.18	69	265	127.590	ug/l #	31
57) 1,3-Dichloropropane	9.54	76	294	93.007	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.79	63	164	225.933	ug/l #	1
59) 2-Hexanone	10.20	43	591	556.409	ug/l	62
60) Dibromochloromethane	9.40	129	183	76.360	ug/l	60
61) 1,2-Dibromoethane	9.55	107	101	50.240	ug/l #	1
64) Tetrachloroethene	8.33	164	83	29.271	ug/l #	60
65) Chlorobenzene	9.98	112	143	20.067	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.09	131	164	57.788	ug/l #	6
67) Ethyl Benzene	10.07	91	653	53.400	ug/l #	42
68) m/p-Xylenes	10.22	106	135	28.850	ug/l #	48
69) o-Xylene	10.78	106	106	22.374	ug/l	80
70) Styrene	10.94	104	369	52.842	ug/l #	34
71) Bromoform	10.89	173	98	71.983	ug/l #	28
73) Isopropylbenzene	11.24	105	364	65.209	ug/l	89
74) N-amyl acetate	11.45	43	582	369.930	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	11.79	83	977	819.588	ug/l #	52
76) 1,2,3-Trichloropropane	11.90	75	189	239.190	ug/l #	4
77) Bromobenzene	11.61	156	85	60.604	ug/l	86
78) n-propylbenzene	11.58	91	474	70.327	ug/l	85
79) 2-Chlorotoluene	11.92	91	214	55.490	ug/l	100
80) 1,3,5-Trimethylbenzene	11.85	105	461	100.986	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.93	75	409	1222.601	ug/l #	28
82) 4-Chlorotoluene	11.92	91	214	56.464	ug/l	95
83) tert-Butylbenzene	12.21	119	105	23.213	ug/l #	69
84) 1,2,4-Trimethylbenzene	12.26	105	431	99.580	ug/l #	59
85) sec-Butylbenzene	12.36	105	372	62.413	ug/l	90
86) p-Isopropyltoluene	12.53	119	61	12.296	ug/l #	1
87) 1,3-Dichlorobenzene	12.55	146	199	80.451	ug/l #	23
88) 1,4-Dichlorobenzene	12.64	146	70	30.324	ug/l #	23
89) n-Butylbenzene	12.90	91	76	15.229	ug/l #	1
90) Hexachloroethane	12.96	117	323	266.942	ug/l #	10
91) 1,2-Dichlorobenzene	13.04	146	79	36.337	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.67	75	334	2571.771	ug/l #	16
93) 1,2,4-Trichlorobenzene	14.25	180	64	42.873	ug/l #	10
94) Hexachlorobutadiene	14.26	225	306	296.309	ug/l #	51
95) Naphthalene	14.48	128	231	94.455	ug/l #	7

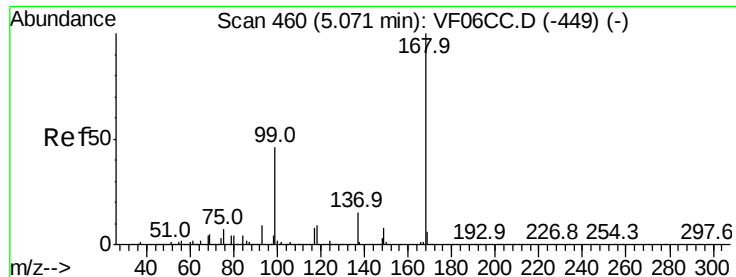
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.67	180	60	44.032	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

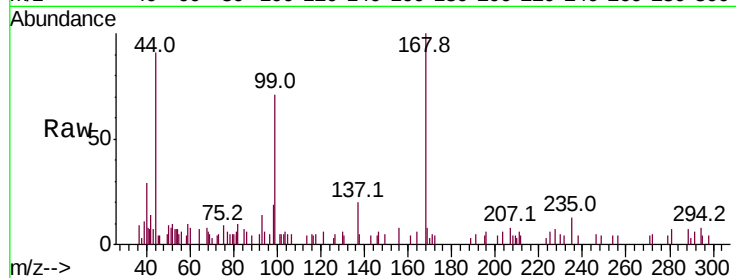
0423-HR-3(HACKENSACK)

Tot Ion:168 Resp: 9736

Ion Ratio Lower Upper

168 100

99 71.0 39.1 58.7#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

3000

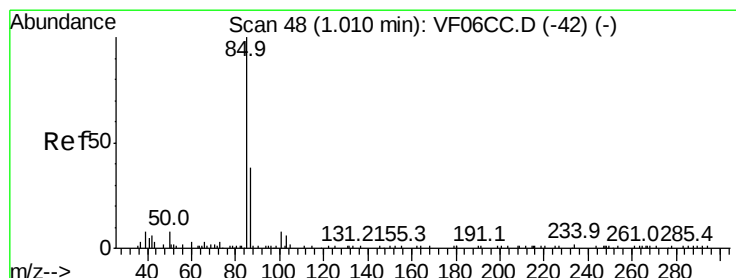
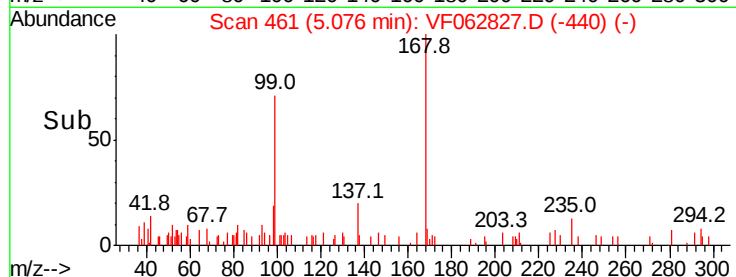
2000

1000

0

5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.99 min Scan# 46

Delta R.T. -0.03 min

Lab File: VF062827.D

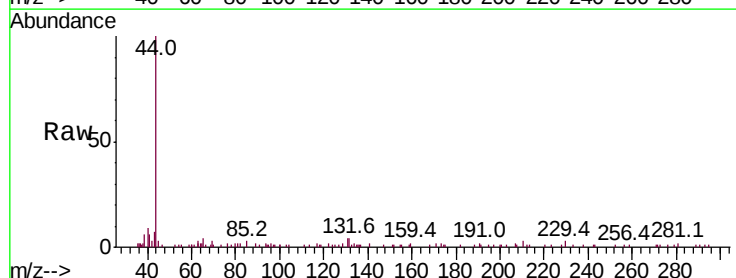
Acq: 3 Jun 2019 14:28

Tgt Ion: 85 Resp: 341

Ion Ratio Lower Upper

85 100

87 0.0 17.6 52.9#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

500

400

300

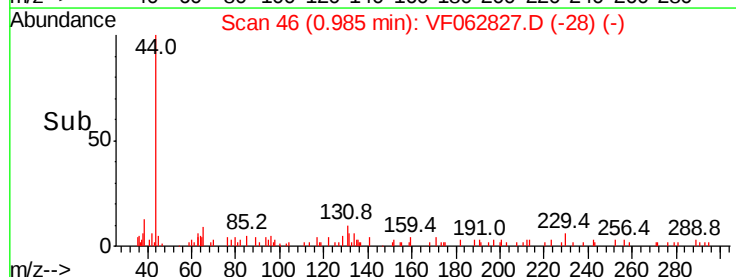
200

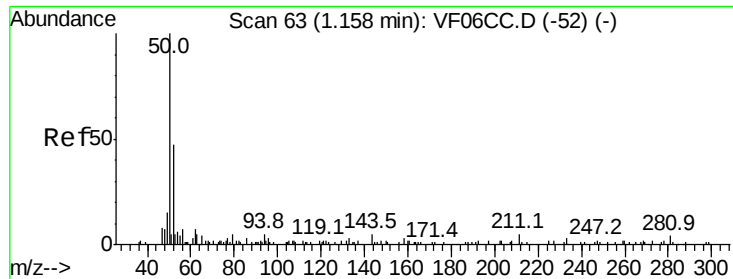
100

0

0.96 0.98 1.00 1.02

Time-->





#3

Chloromethane

Concen: 23.893 ug/l

RT: 1.10 min Scan# 58

Delta R.T. -0.05 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

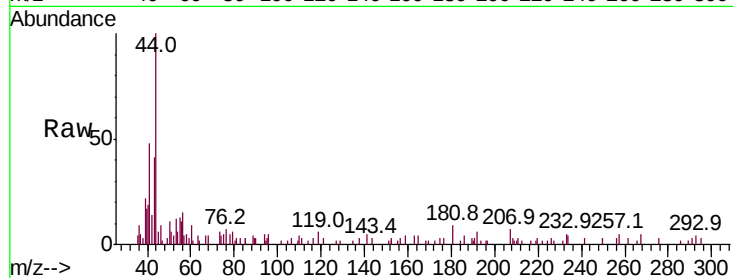
0423-HR-3(HACKENSACK)

Tot Ion: 50 Resp: 2407

Ion Ratio Lower Upper

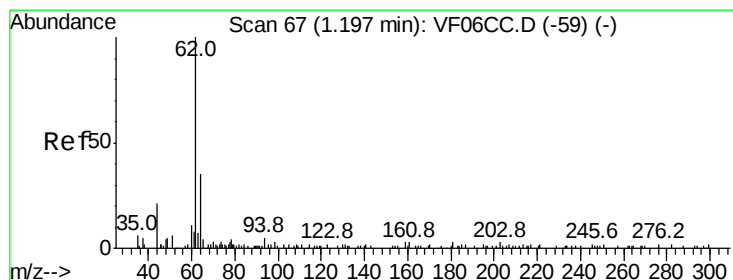
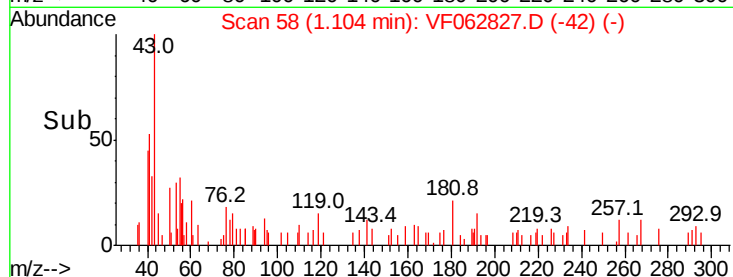
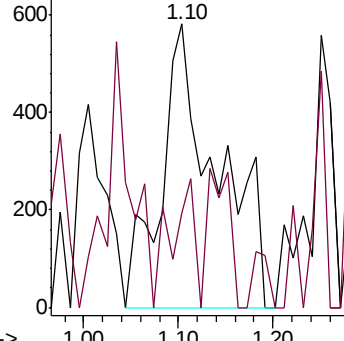
50 100

52 33.2 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: 4.056 ug/l

RT: 1.17 min Scan# 65

Delta R.T. -0.03 min

Lab File: VF062827.D

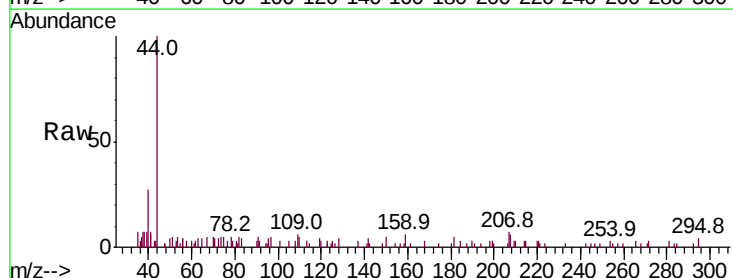
Acq: 3 Jun 2019 14:28

Tgt Ion: 62 Resp: 406

Ion Ratio Lower Upper

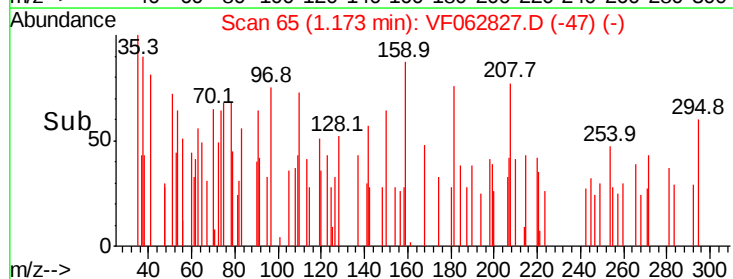
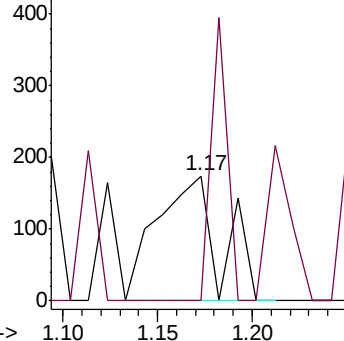
62 100

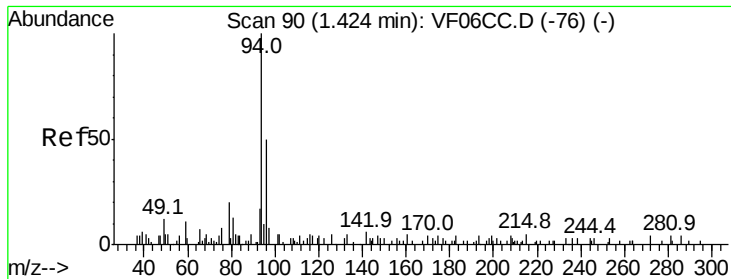
64 0.0 26.2 39.2#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 10.632 ug/l

RT: 1.51 min Scan# 99

Delta R.T. 0.10 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

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ClientSampleId :

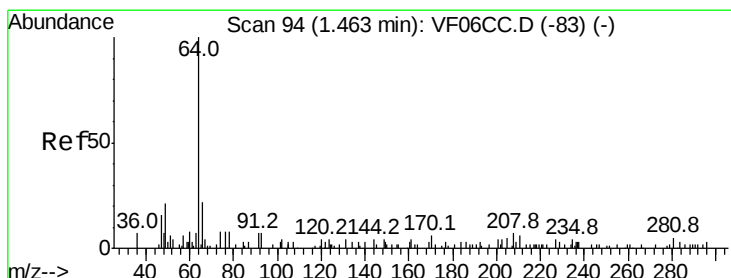
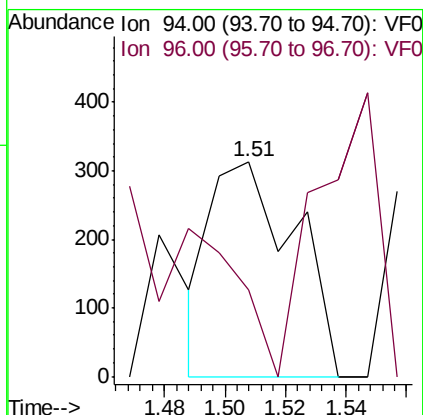
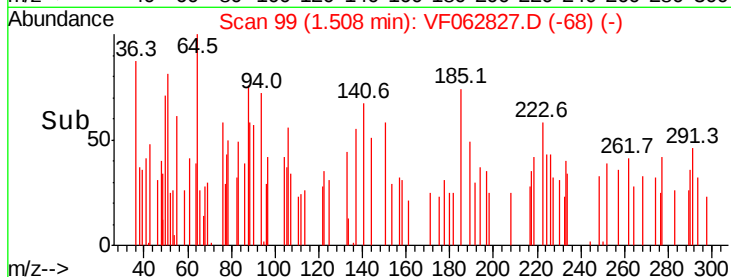
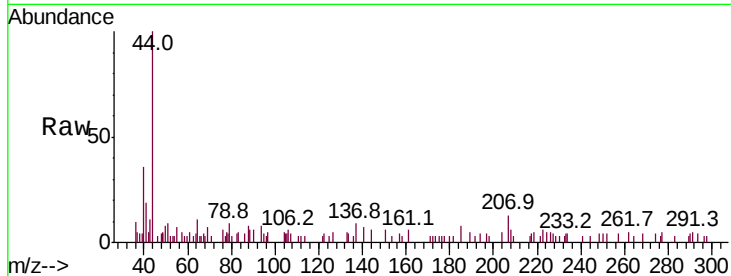
0423-HR-3(HACKENSACK)

Tot Ion: 94 Resp: 607

Ion Ratio Lower Upper

94 100

96 98.7 73.8 110.6



#6

Chloroethane

Concen: 2.966 ug/l

RT: 1.43 min Scan# 91

Delta R.T. -0.04 min

Lab File: VF062827.D

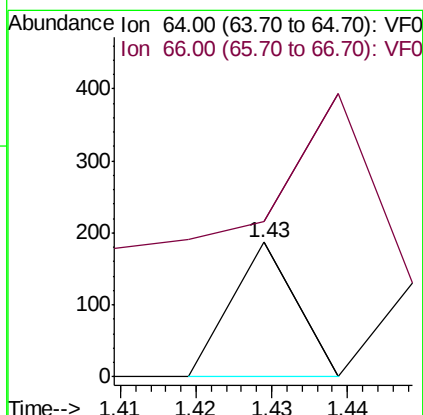
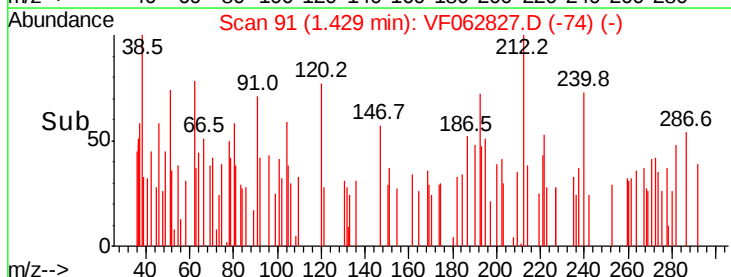
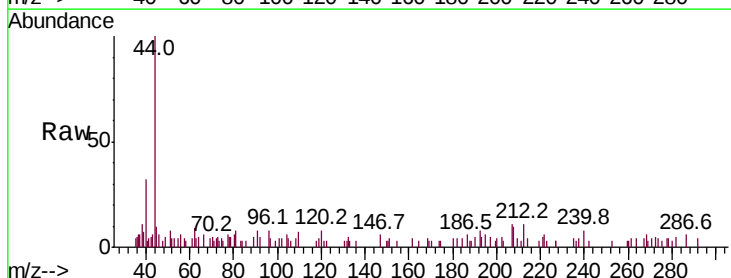
Acq: 3 Jun 2019 14:28

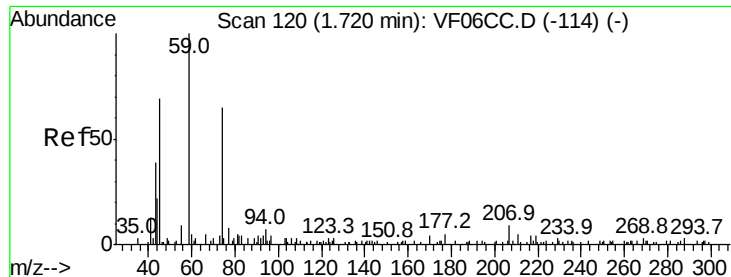
Tgt Ion: 64 Resp: 111

Ion Ratio Lower Upper

64 100

66 115.0 31.0 46.4#





#8

Diethyl Ether

Concen: 19.439 ug/l

RT: 1.73 min Scan# 122

Delta R.T. 0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

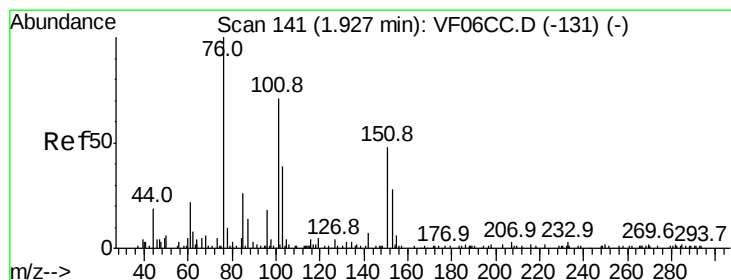
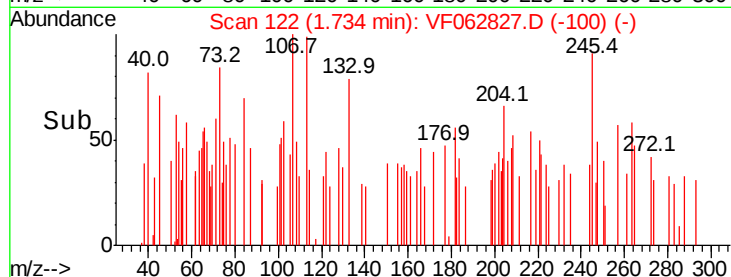
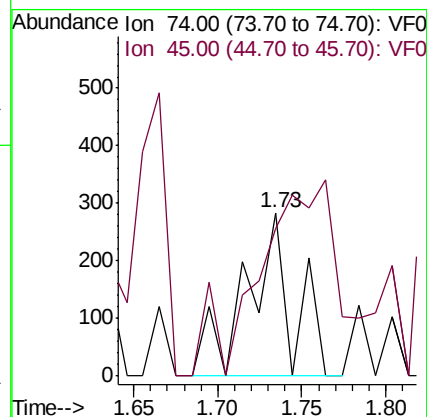
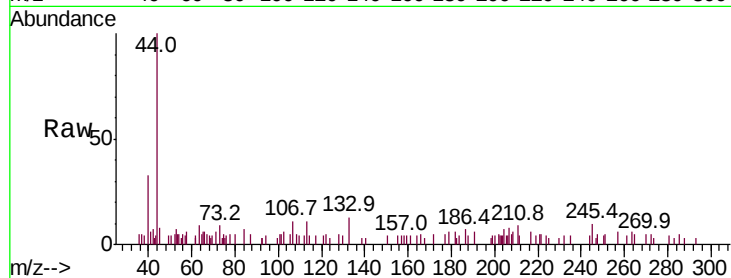
Instrument :
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Tot Ion: 74 Resp: 542

Ion Ratio Lower Upper

74 100

45 90.5 47.5 142.5



#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.294 ug/l

RT: 1.91 min Scan# 140

Delta R.T. -0.03 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

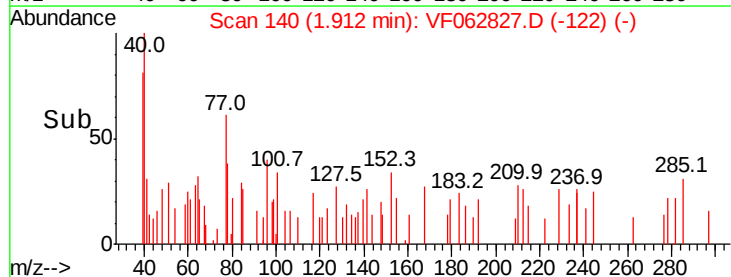
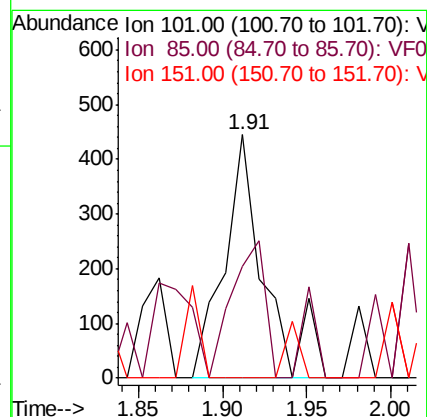
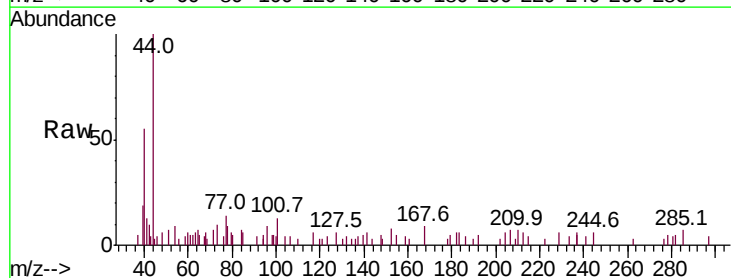
Tgt Ion: 101 Resp: 739

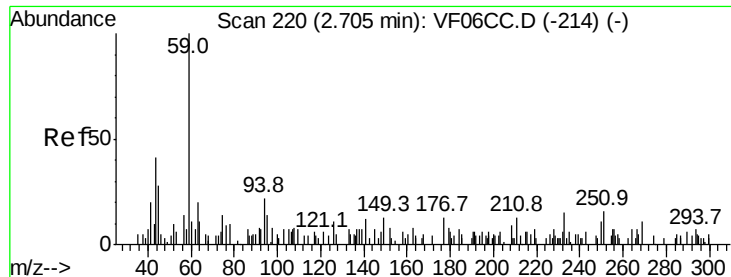
Ion Ratio Lower Upper

101 100

85 46.1 37.1 55.7

151 0.0 60.3 90.5#



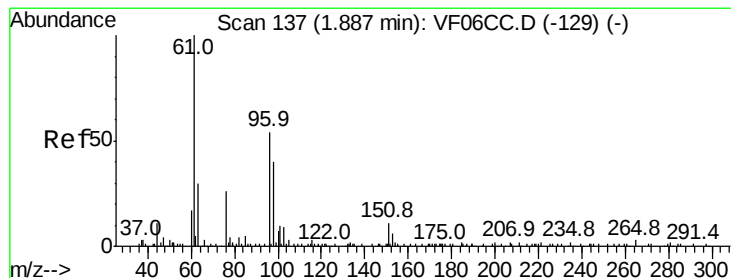
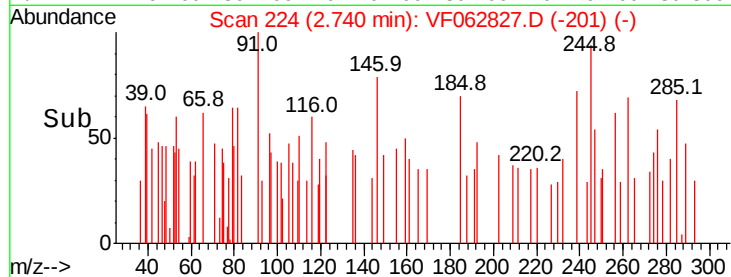
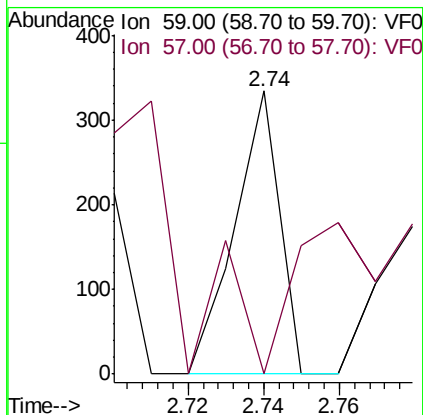
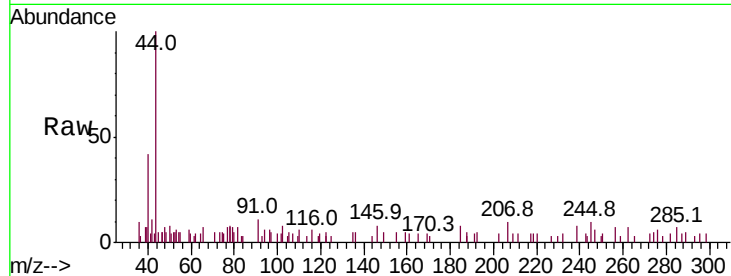


#11

Tert butyl alcohol
Concen: 66.446 ug/l
RT: 2.74 min Scan# 224
Delta R.T. 0.02 min
Lab File: VF062827.D
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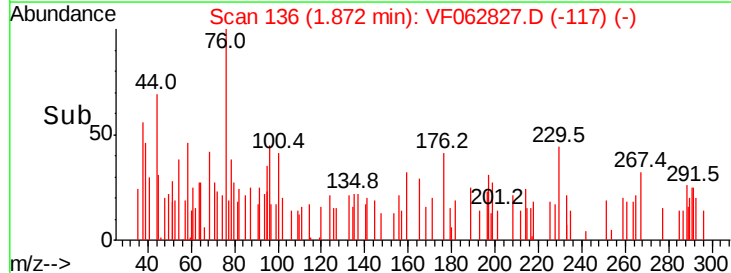
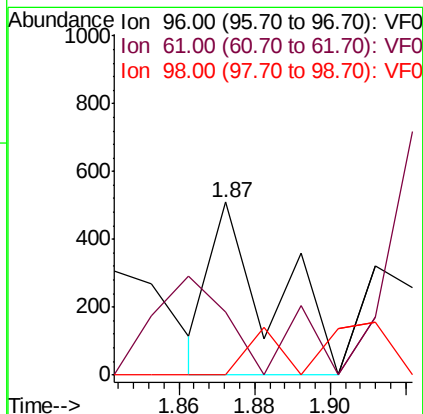
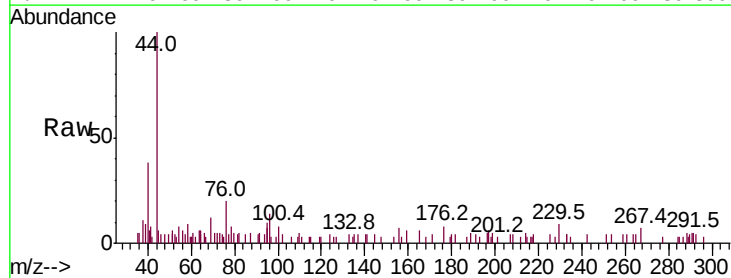
Tot Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

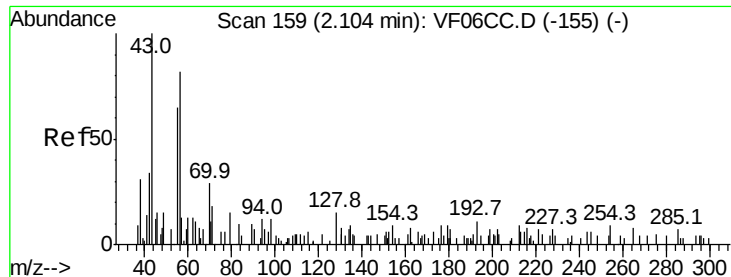


#12

1,1-Dichloroethene
Concen: 7.144 ug/l
RT: 1.87 min Scan# 136
Delta R.T. -0.02 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 96 Resp: 578
Ion Ratio Lower Upper
96 100
61 36.7 139.4 209.2#
98 0.0 50.3 75.5#





#13

Acrolein

Concen: 364.003 ug/l

RT: 2.00 min Scan# 149

Delta R.T. -0.11 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

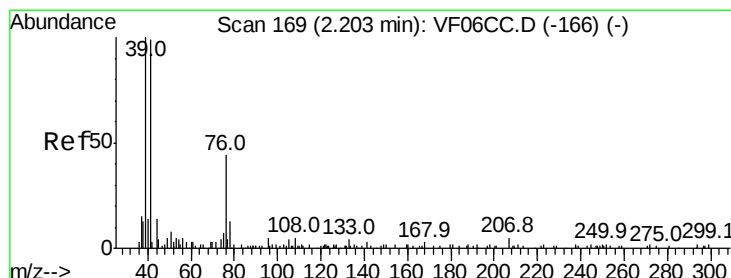
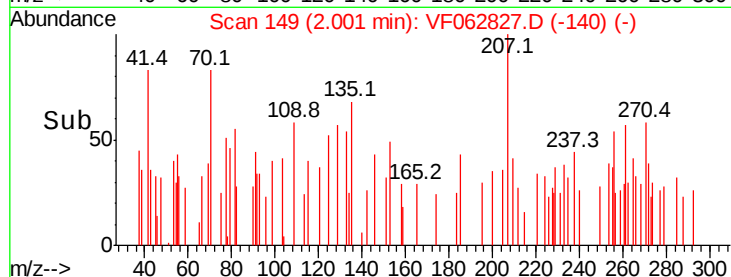
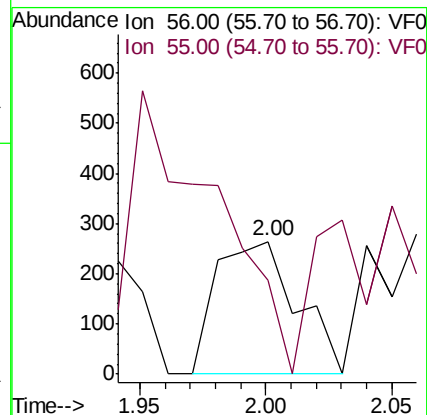
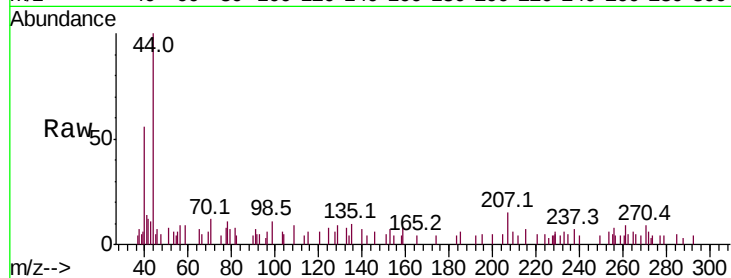
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

Tot Ion: 56 Resp: 587

Ion Ratio Lower Upper

56 100

55 71.2 52.9 79.3



#14

Allyl chloride

Concen: 5.098 ug/l

RT: 2.23 min Scan# 172

Delta R.T. 0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

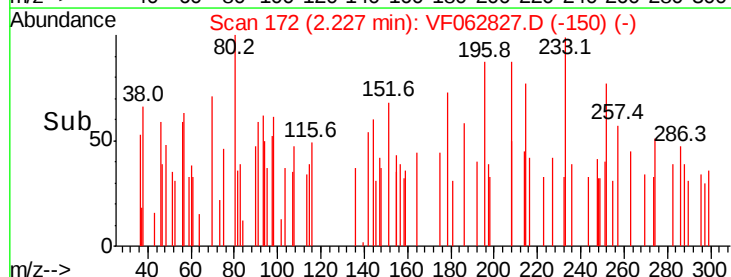
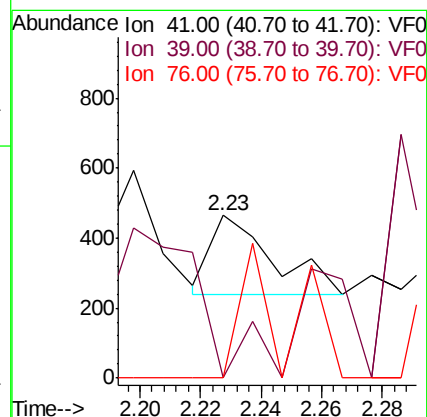
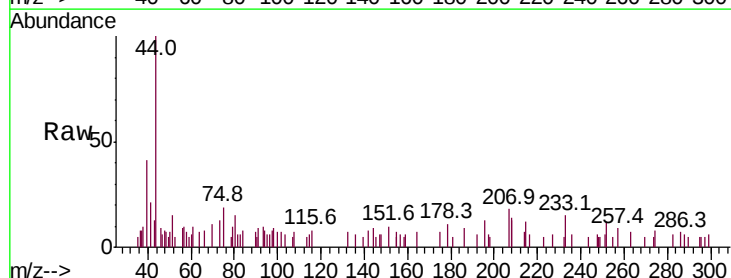
Tgt Ion: 41 Resp: 320

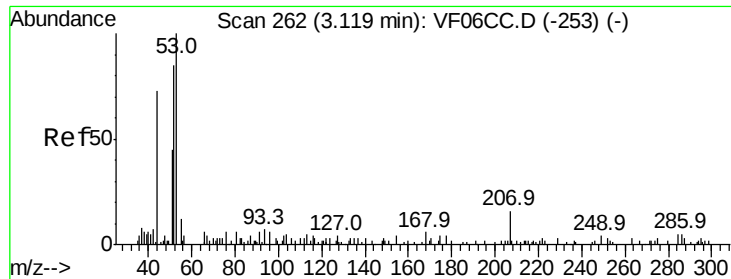
Ion Ratio Lower Upper

41 100

39 0.0 71.9 107.9#

76 0.0 39.6 59.4#





#15

Acrylonitrile

Concen: 38.042 ug/l

RT: 3.11 min Scan# 262

Delta R.T. 0.00 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

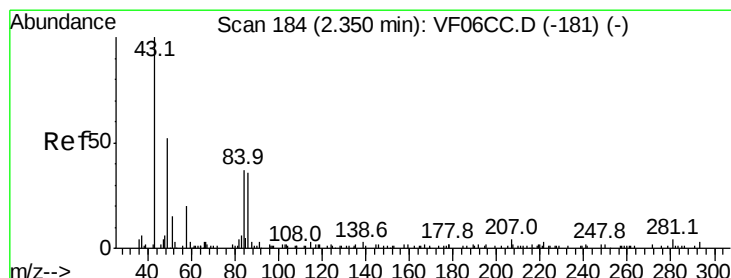
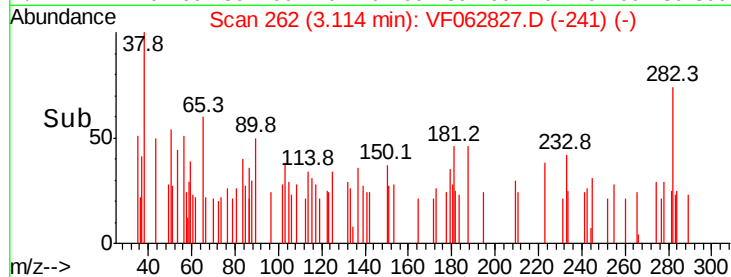
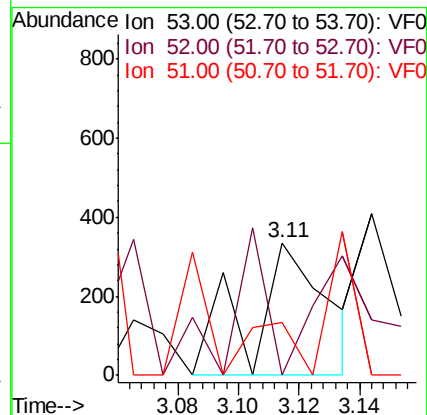
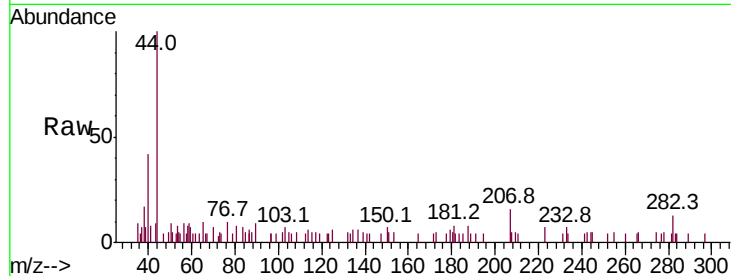
Tot Ion: 53 Resp: 583

Ion Ratio Lower Upper

53 100

52 33.7 68.1 102.1#

51 40.0 27.7 41.5



#16

Acetone

Concen: 33.746 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.02 min

Lab File: VF062827.D

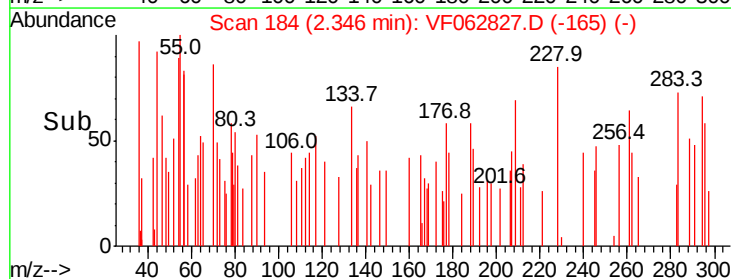
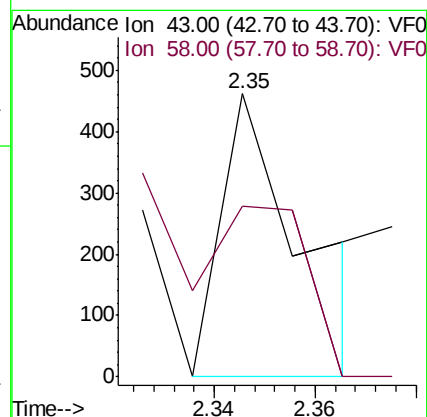
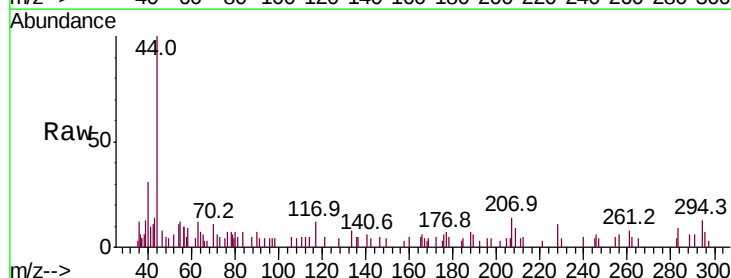
Acq: 3 Jun 2019 14:28

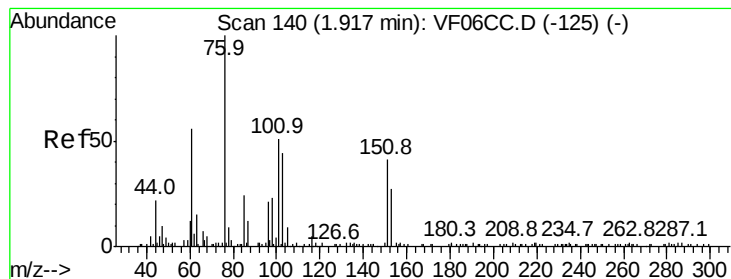
Tgt Ion: 43 Resp: 520

Ion Ratio Lower Upper

43 100

58 60.2 19.0 28.4#





#17

Carbon Disulfide

Concen: 1.298 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.00 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

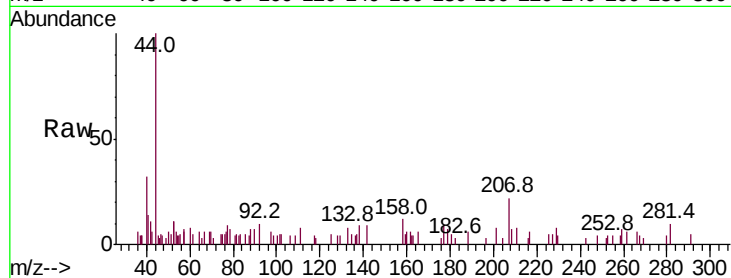
0423-HR-3(HACKENSACK)

Tot Ion: 76 Resp: 307

Ion Ratio Lower Upper

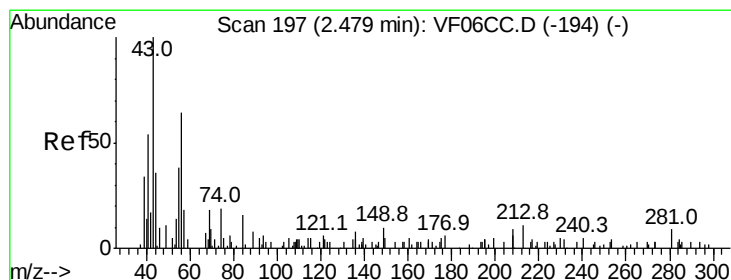
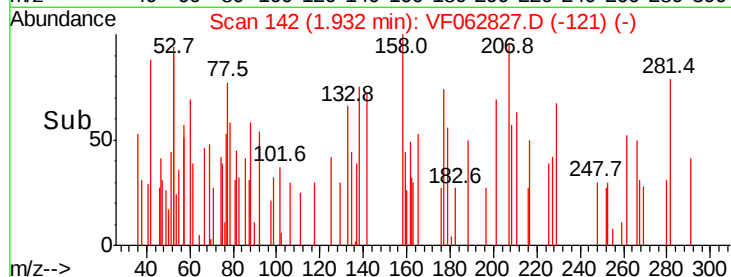
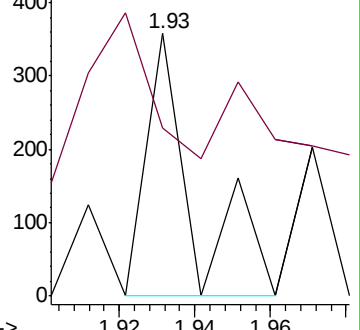
76 100

78 64.0 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: 22.245 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.16 min

Lab File: VF062827.D

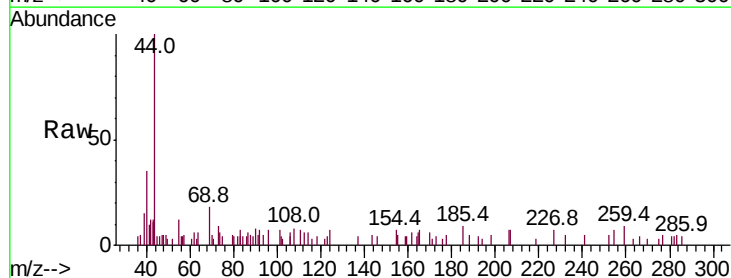
Acq: 3 Jun 2019 14:28

Tgt Ion: 43 Resp: 599

Ion Ratio Lower Upper

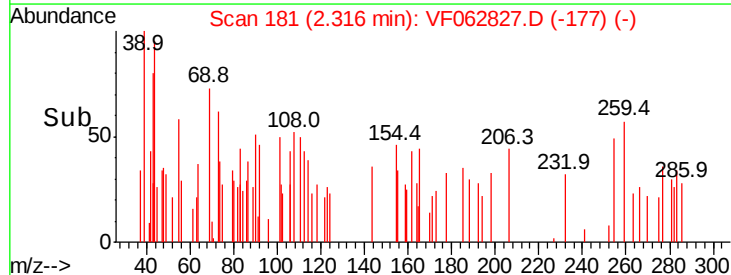
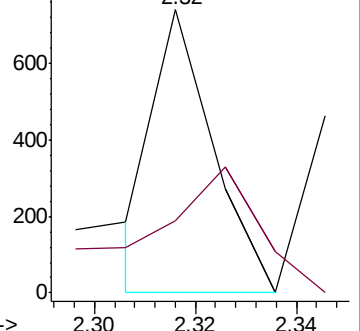
43 100

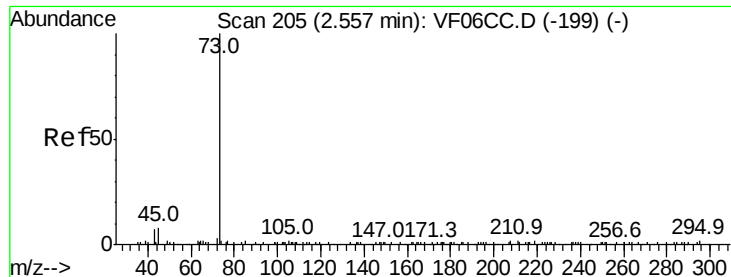
74 25.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

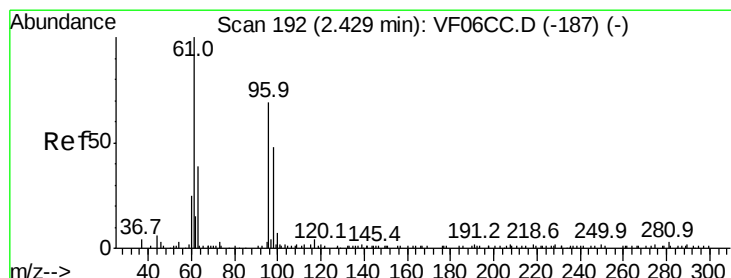
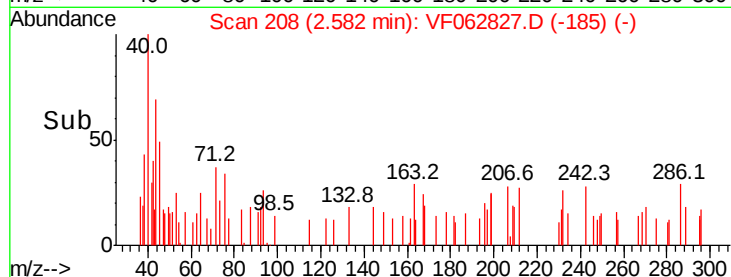
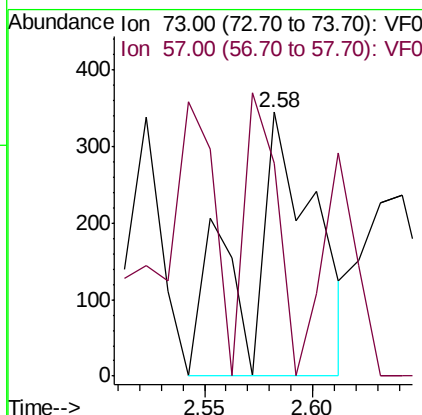
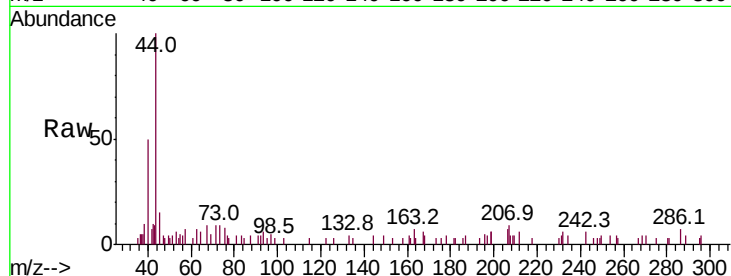




#19
Methvl tert-butvl Ether
Concen: 5.137 ug/l
RT: 2.58 min Scan# 208
Delta R.T. 0.02 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

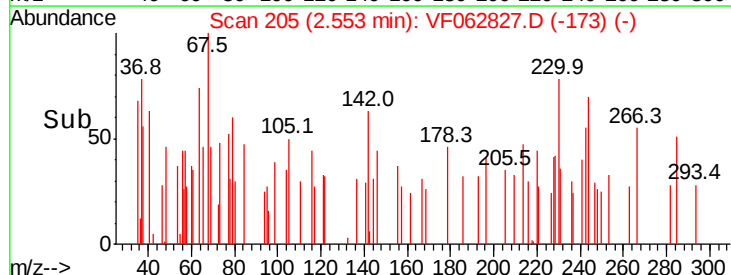
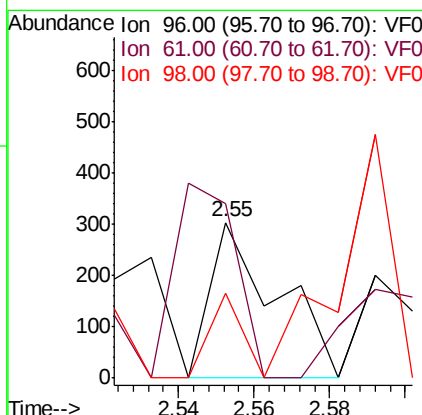
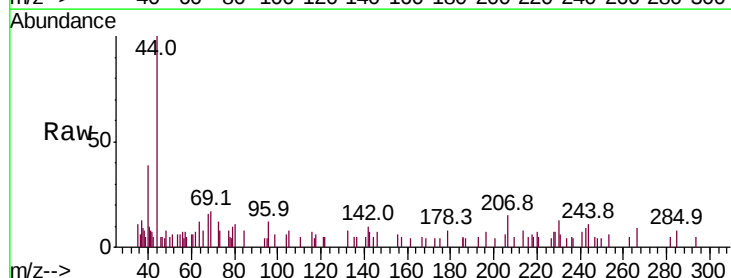
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

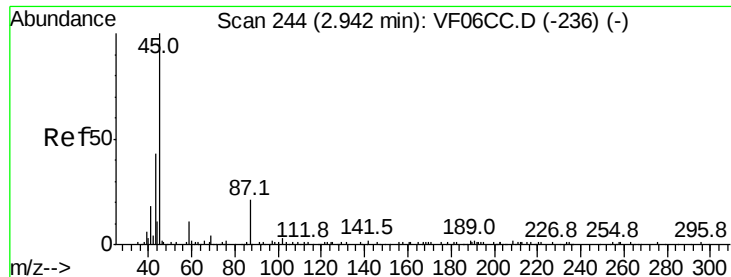
Tot Ion: 73 Resp: 753
Ion Ratio Lower Upper
73 100
57 80.9 15.1 22.7#



#21
trans-1,2-Dichloroethene
Concen: 4.561 ug/l
RT: 2.55 min Scan# 205
Delta R.T. 0.11 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 96 Resp: 370
Ion Ratio Lower Upper
96 100
61 112.2 105.0 157.6
98 54.6 51.1 76.7





#22

Diisopropyl ether

Concen: 2.428 ug/l

RT: 2.95 min Scan# 245

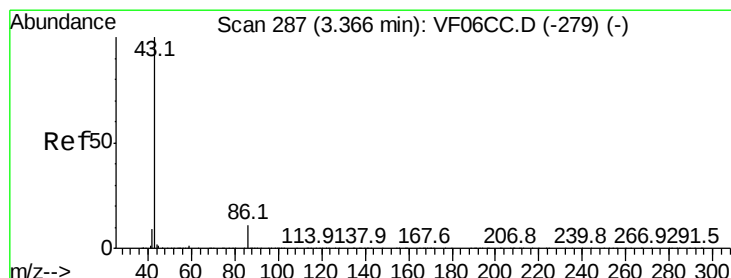
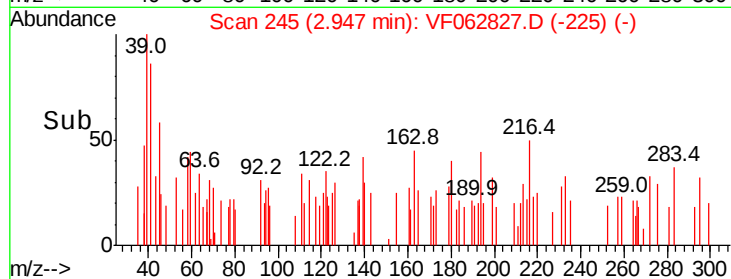
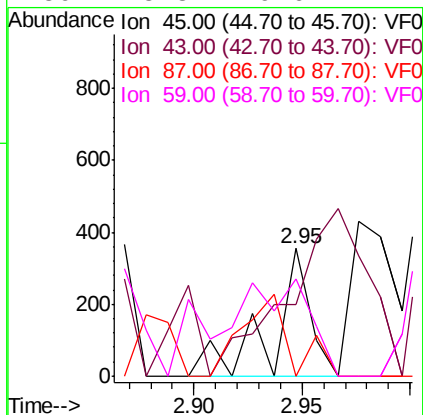
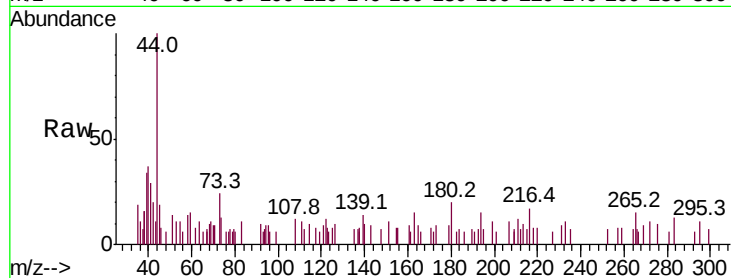
Delta R.T. -0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

Tot Ion:	45	Resp:	433
Ion	Ratio	Lower	Upper
45	100		
43	56.3	34.3	51.5#
87	0.0	19.0	28.4#
59	75.8	9.6	14.4#



#23

Vinyl Acetate

Concen: 7.782 ug/l

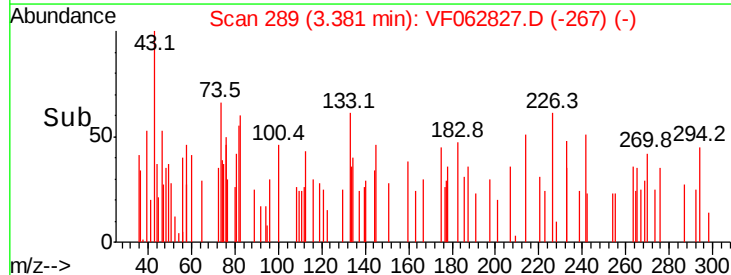
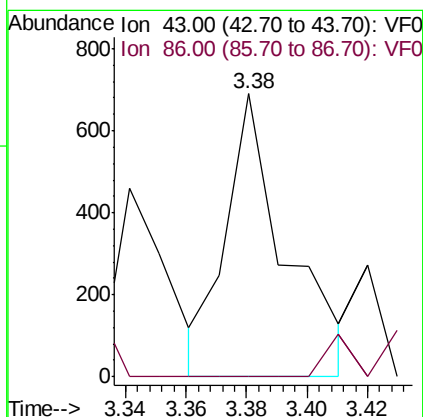
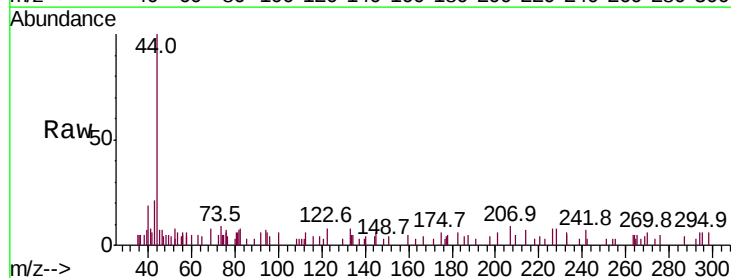
RT: 3.38 min Scan# 289

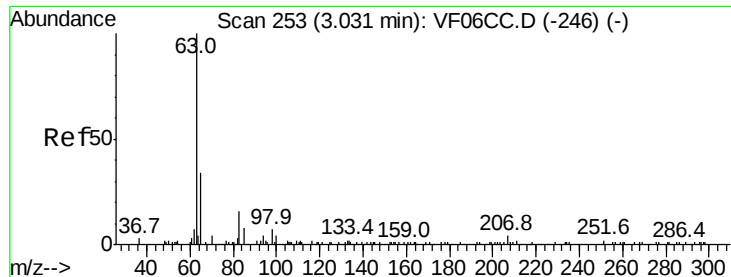
Delta R.T. 0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Tgt Ion:	43	Resp:	950
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.2#





#24

1,1-Dichloroethane

Concen: 6.294 ug/l

RT: 3.01 min Scan# 251

Delta R.T. -0.03 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

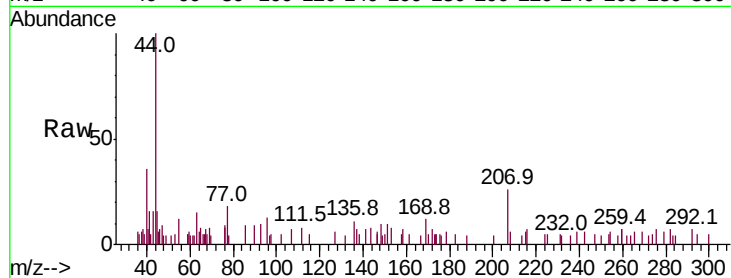
Tot Ion: 63 Resp: 838

Ion Ratio Lower Upper

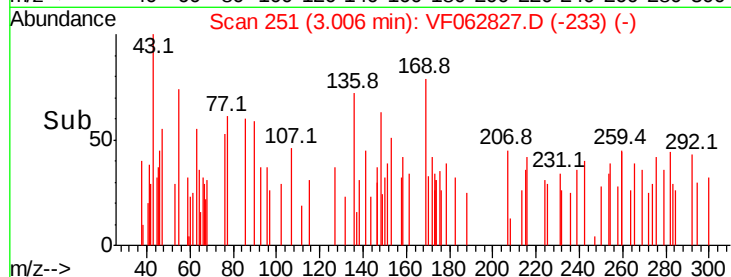
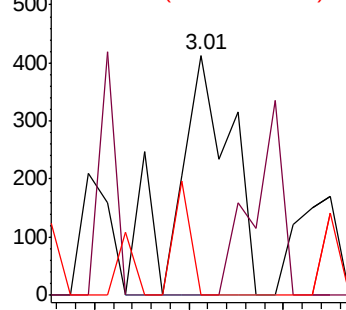
63 100

98 0.0 2.4 7.1#

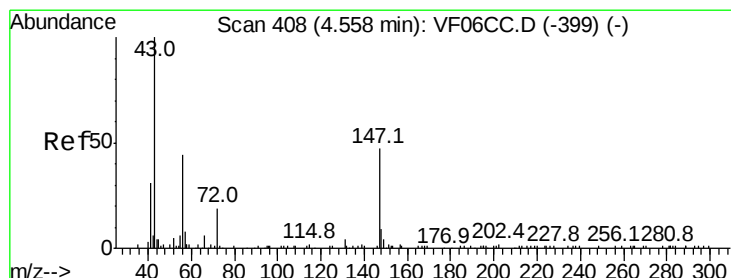
100 0.0 1.5 4.5#



Abundance Ion 63.00 (62.70 to 63.70): VF0
Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0



Time-->



#25

2-Butanone

Concen: 19.312 ug/l

RT: 4.42 min Scan# 394

Delta R.T. -0.14 min

Lab File: VF062827.D

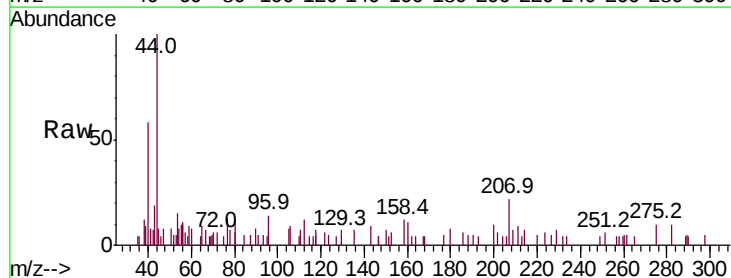
Acq: 3 Jun 2019 14:28

Tgt Ion: 43 Resp: 693

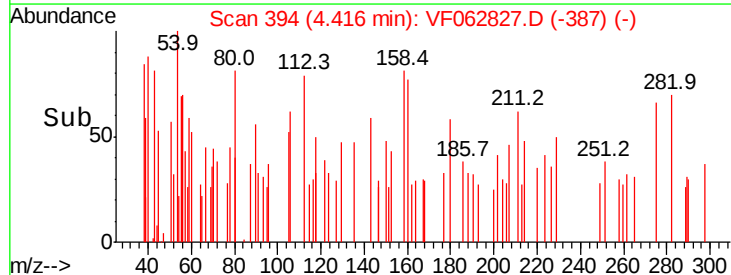
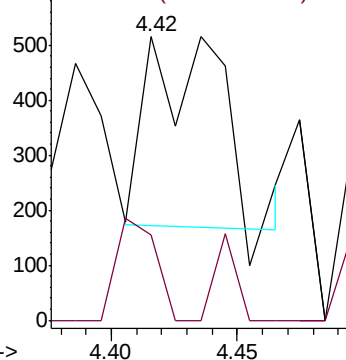
Ion Ratio Lower Upper

43 100

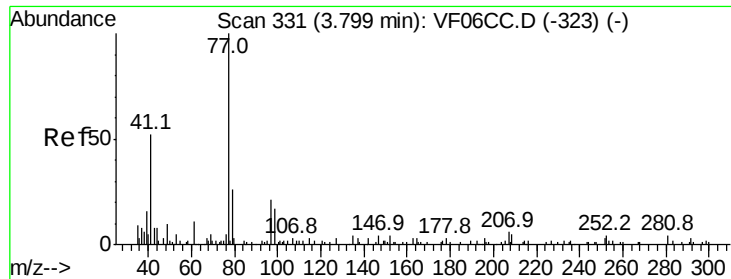
72 29.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 72.00 (71.70 to 72.70): VF0



Time-->



#26

2,2-Dichloropropane

Concen: 9.801 ug/l

RT: 3.74 min Scan# 325

Delta R.T. -0.07 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

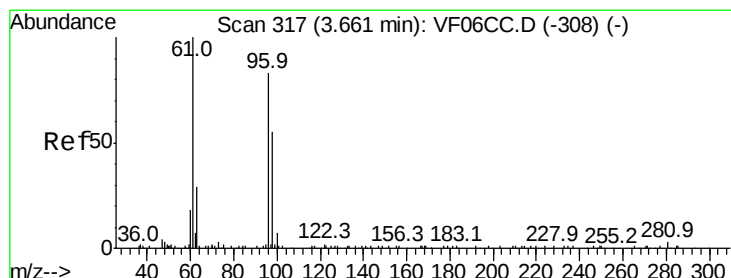
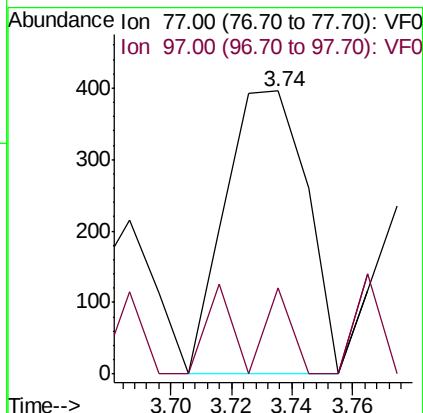
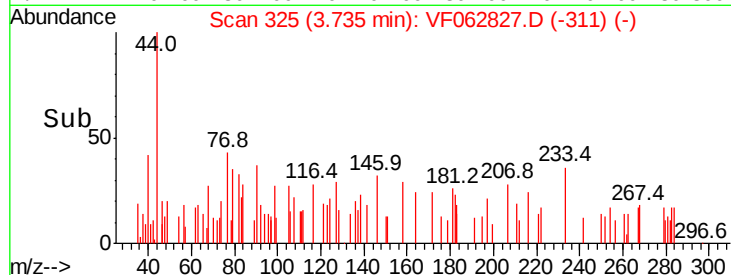
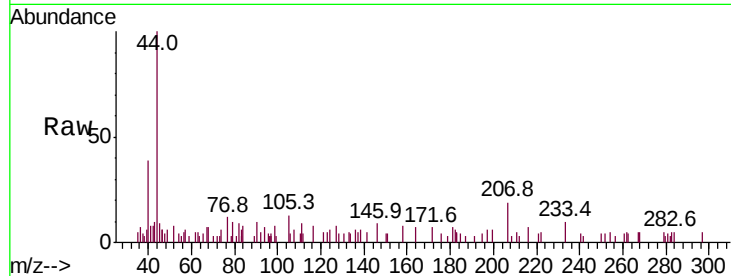
0423-HR-3(HACKENSACK)

Tot Ion: 77 Resp: 741

Ion Ratio Lower Upper

77 100

97 30.3 12.4 37.4



#27

cis-1,2-Dichloroethene

Concen: 6.622 ug/l

RT: 3.66 min Scan# 317

Delta R.T. -0.02 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

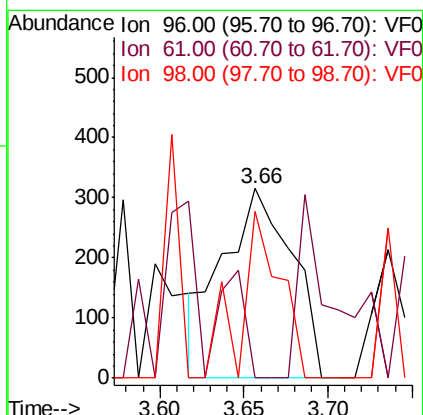
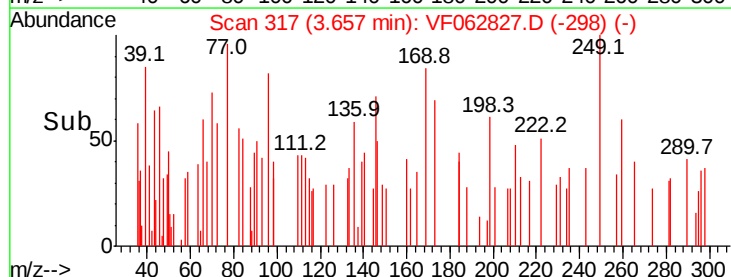
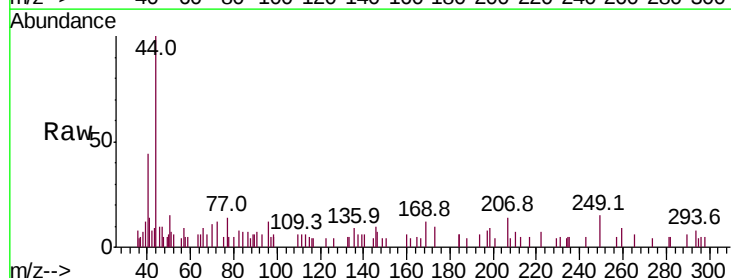
Tgt Ion: 96 Resp: 903

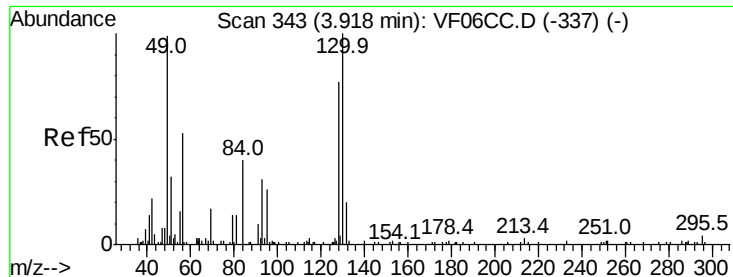
Ion Ratio Lower Upper

96 100

61 0.0 0.0 213.8

98 87.9 0.0 127.0





#28

Bromochloromethane

Concen: 4.791 ug/l

RT: 3.91 min Scan# 343

Delta R.T. -0.02 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

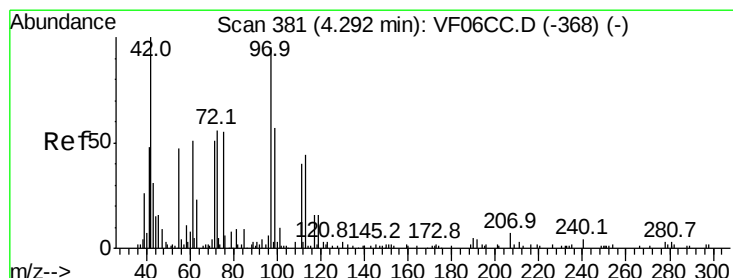
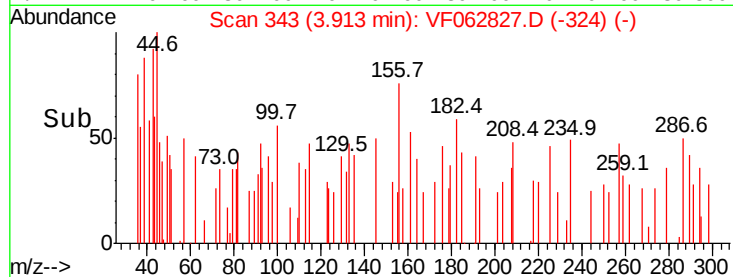
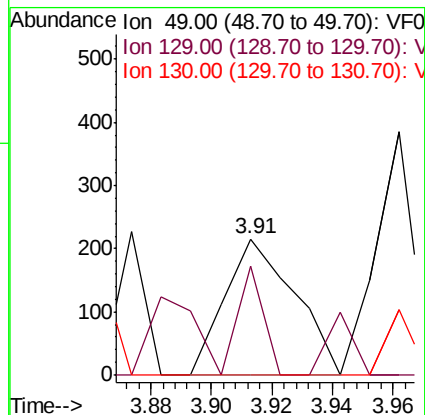
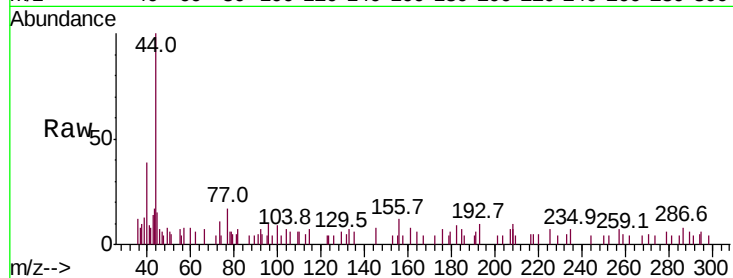
Tot Ion: 49 Resp: 347

Ion Ratio Lower Upper

49 100

129 80.5 0.0 5.4#

130 0.0 79.2 118.8#



#29

Tetrahydrofuran

Concen: 33.589 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

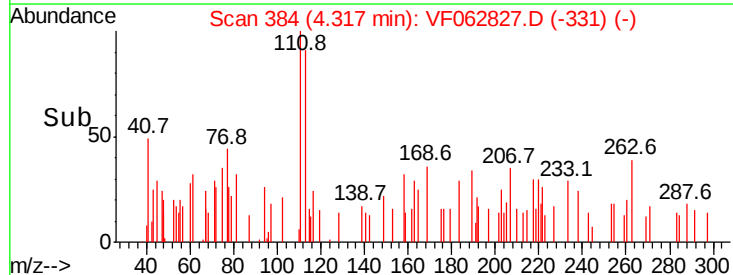
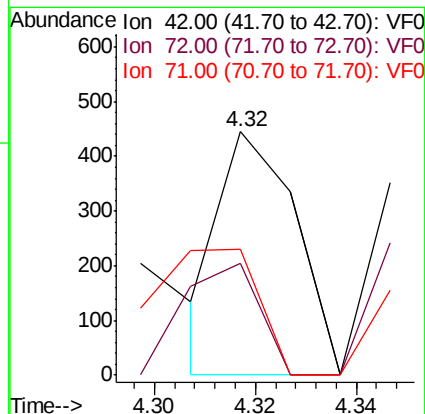
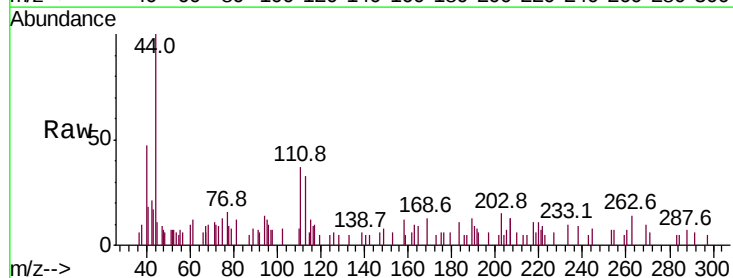
Tgt Ion: 42 Resp: 461

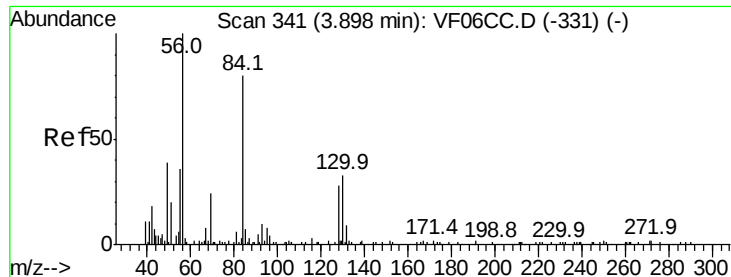
Ion Ratio Lower Upper

42 100

72 47.1 39.0 58.6

71 88.3 36.9 55.3#

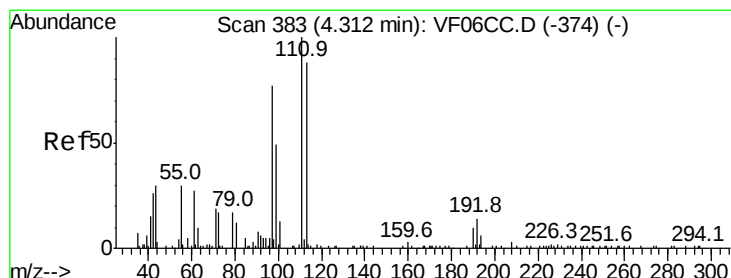
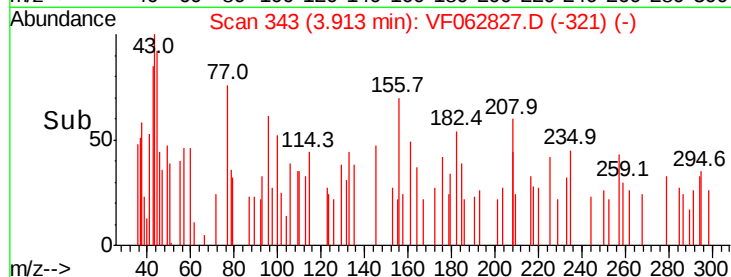
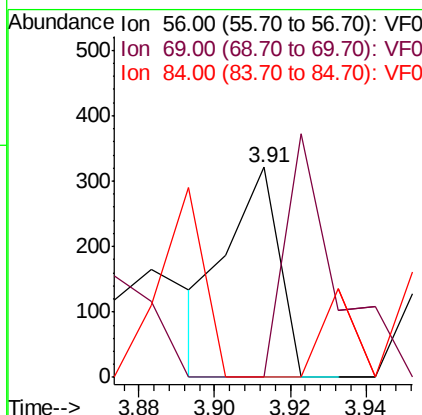
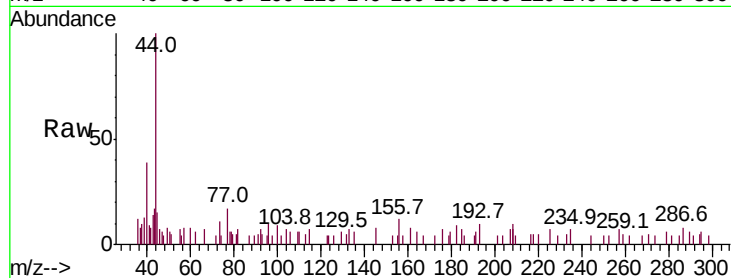




#31
Cyclohexane
Concen: 1.664 ug/l
RT: 3.91 min Scan# 343
Delta R.T. 0.01 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

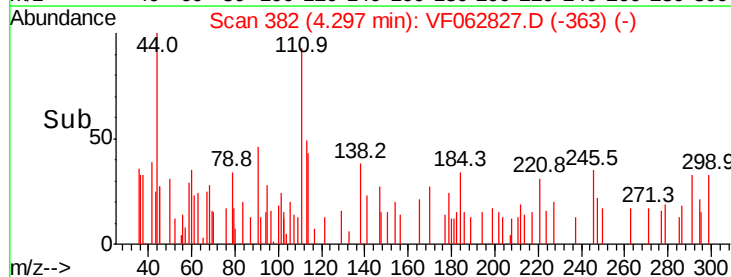
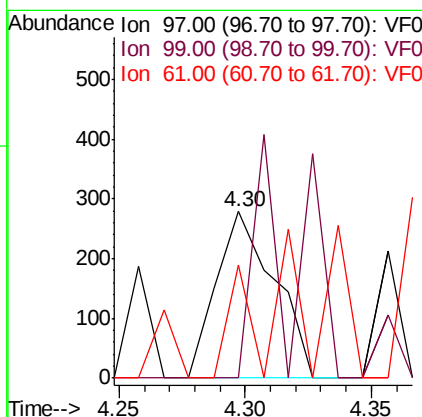
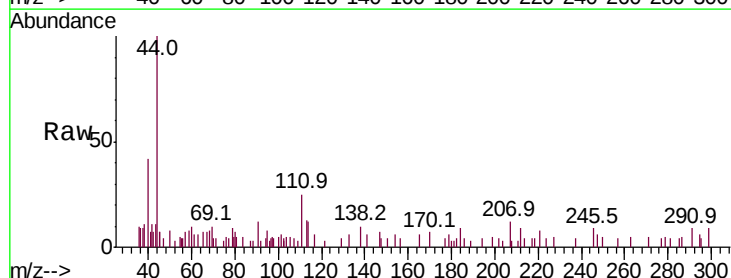
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

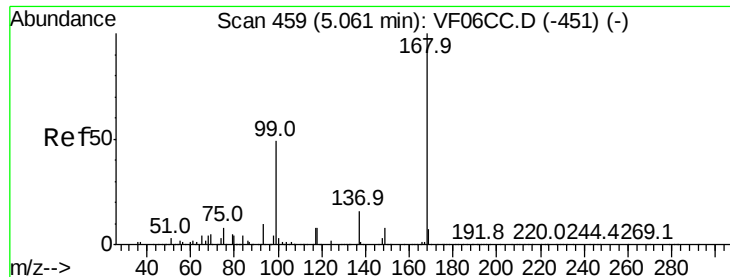
Tot Ion: 56 Resp: 300
Ion Ratio Lower Upper
56 100
69 0.0 26.7 40.1#
84 0.0 74.3 111.5#



#32
1,1,1-Trichloroethane
Concen: 4.073 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 97 Resp: 445
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 68.1 38.9 58.3#

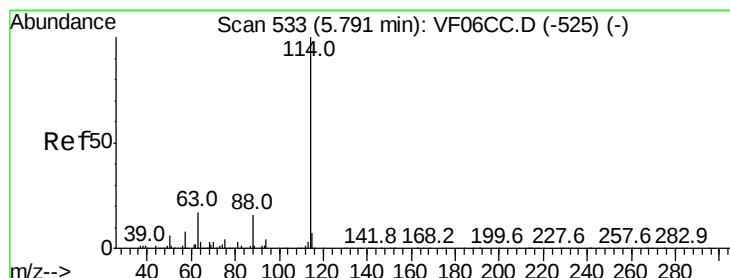
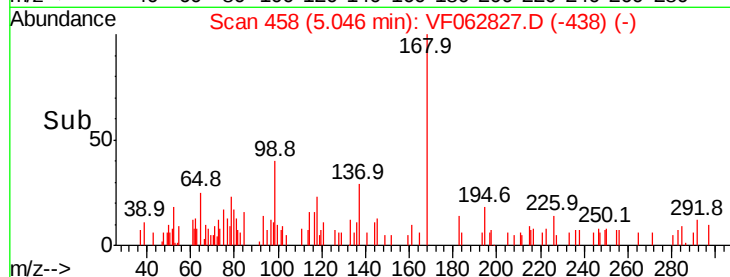
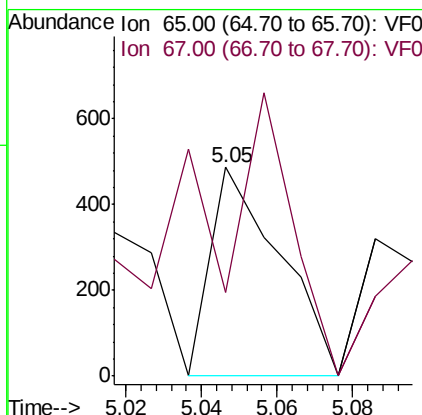
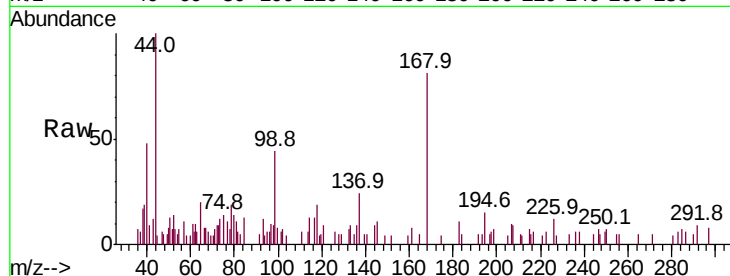




#33
 1,2-Dichloroethane-d4
 Concen: 9.150 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VF062827.D
 Acq: 3 Jun 2019 14:28

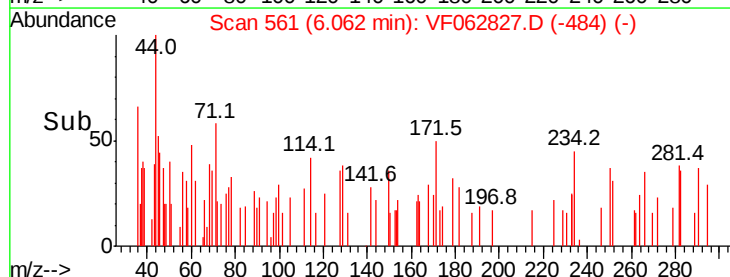
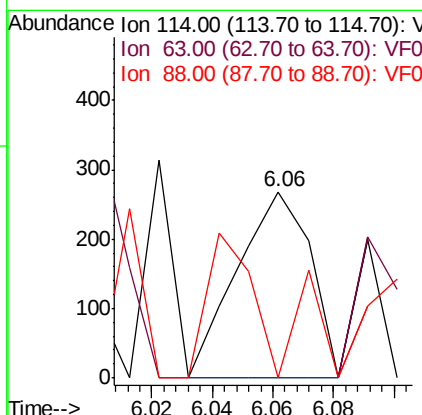
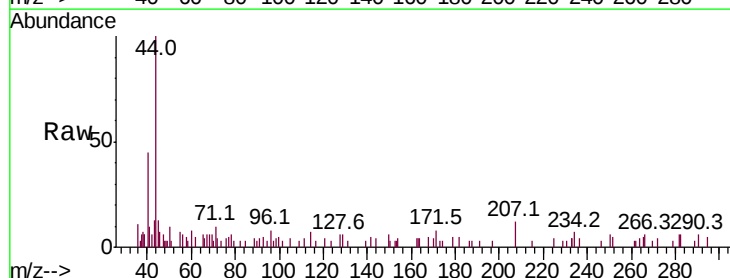
Instrument :
 MSVOA_F
 ClientSampleId :
 0423-HR-3(HACKENSACK)

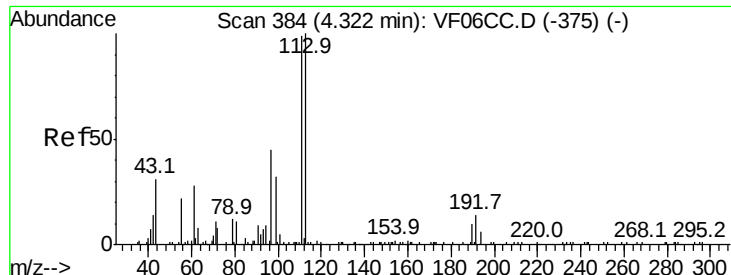
Tot Ion: 65 Resp: 616
 Ion Ratio Lower Upper
 65 100
 67 40.0 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.06 min Scan# 561
 Delta R.T. 0.26 min
 Lab File: VF062827.D
 Acq: 3 Jun 2019 14:28

Tgt Ion: 114 Resp: 449
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 34.2
 88 0.0 0.0 31.2

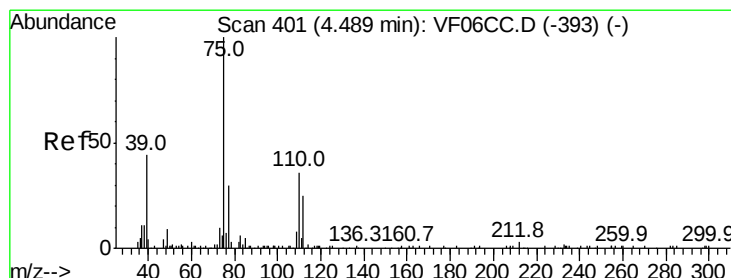
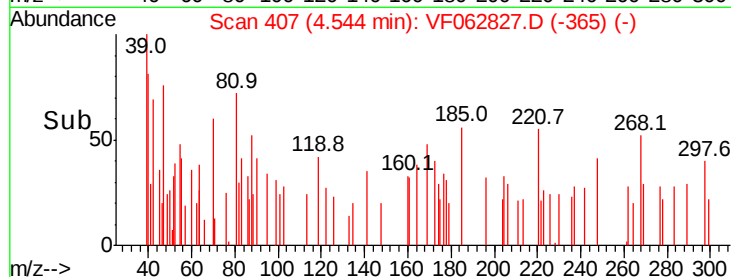
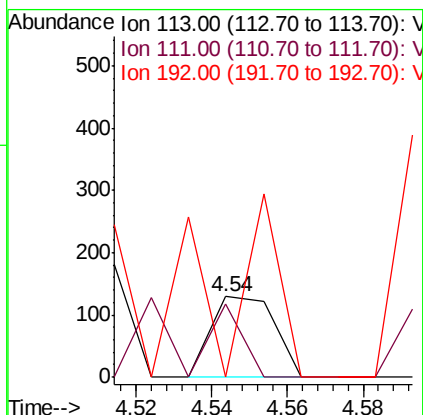
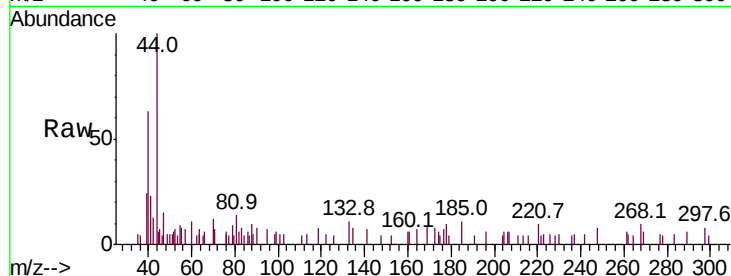




#35
Dibromofluoromethane
Concen: 43.621 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.21 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

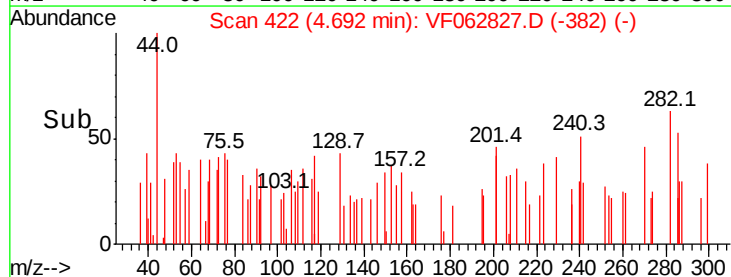
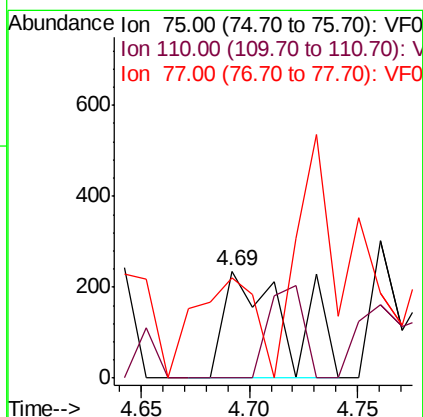
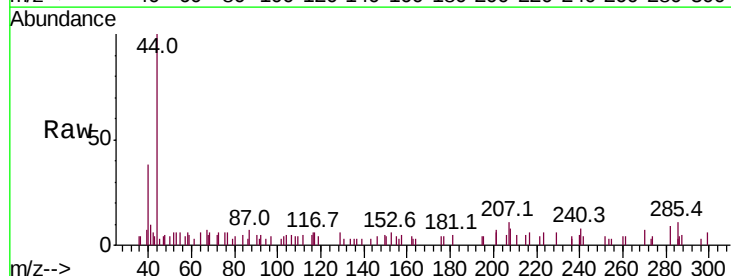
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

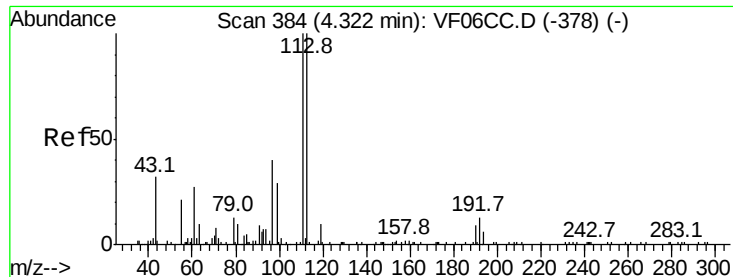
Tot Ion:113 Resp: 148
Ion Ratio Lower Upper
113 100
111 90.7 81.9 122.9
192 0.0 15.1 22.7#



#36
1,1-Dichloropropene
Concen: 119.271 ug/l
RT: 4.69 min Scan# 422
Delta R.T. 0.19 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 75 Resp: 493
Ion Ratio Lower Upper
75 100
110 0.0 19.4 58.1#
77 93.6 25.4 38.2#

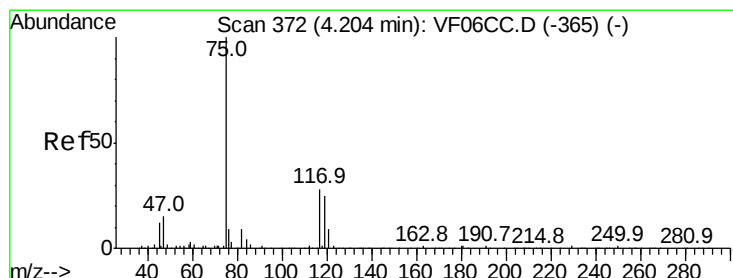
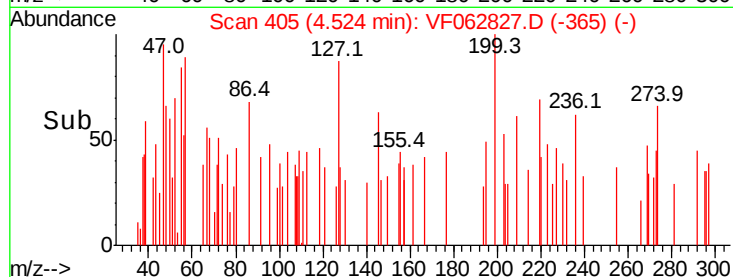
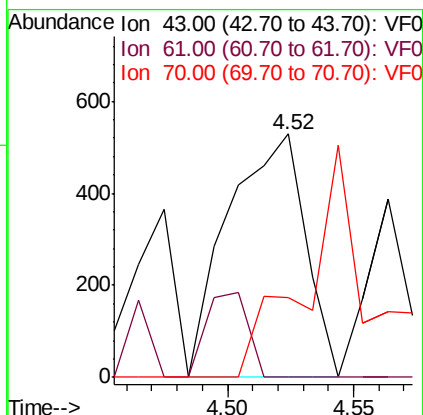
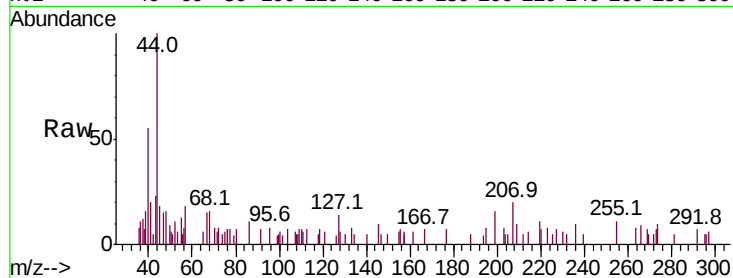




#37
Ethyl Acetate
Concen: 714.524 ug/l
RT: 4.52 min Scan# 405
Delta R.T. 0.19 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

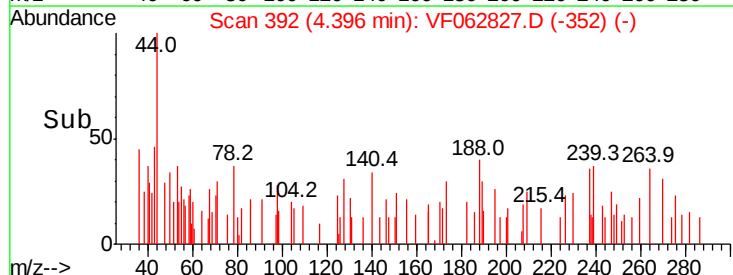
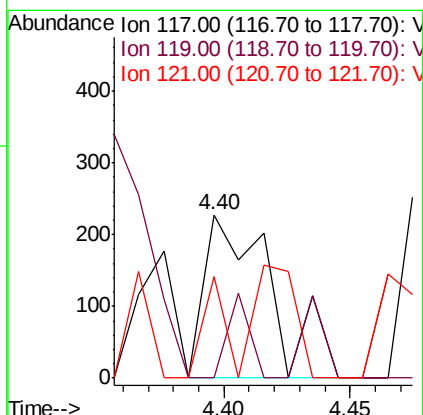
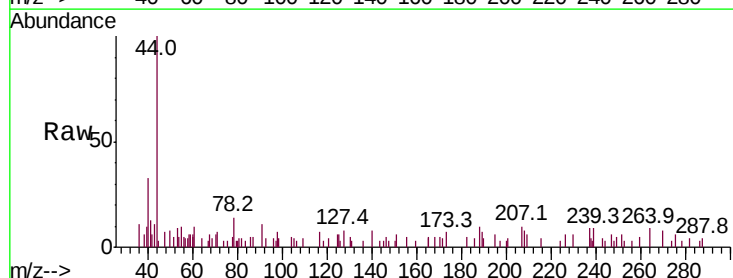
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

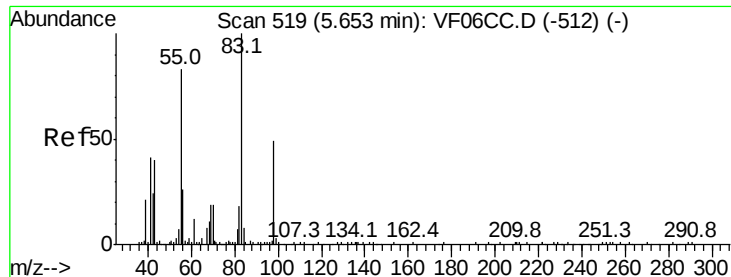
Tot Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
61 0.0 59.1 88.7#
70 32.9 10.1 15.1#



#38
Carbon Tetrachloride
Concen: 149.988 ug/l
RT: 4.40 min Scan# 392
Delta R.T. 0.19 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 117 Resp: 419
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 62.3 28.2 42.2#

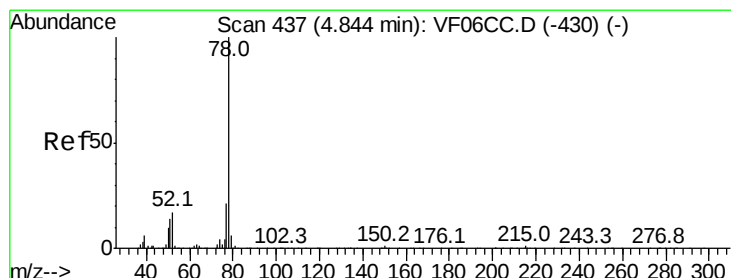
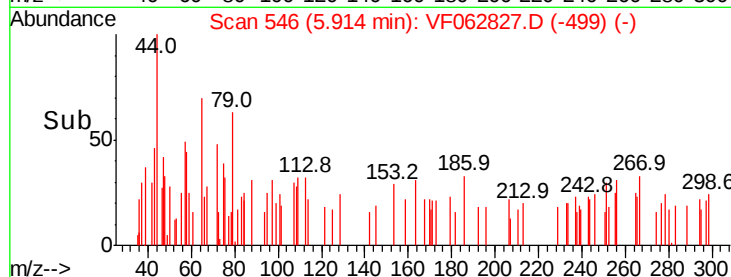
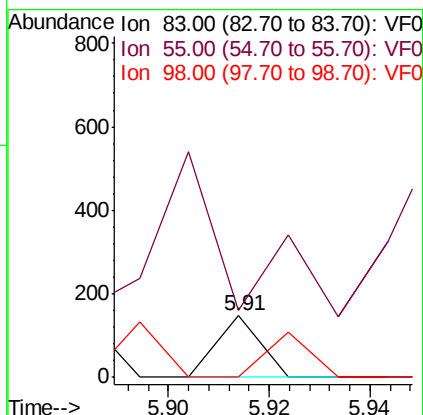
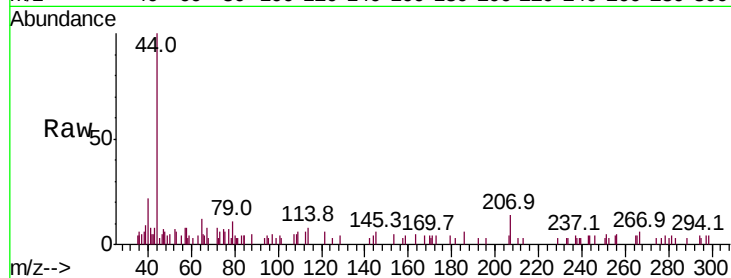




#39
Methylcyclohexane
Concen: 16.911 ug/l
RT: 5.91 min Scan# 546
Delta R.T. 0.26 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

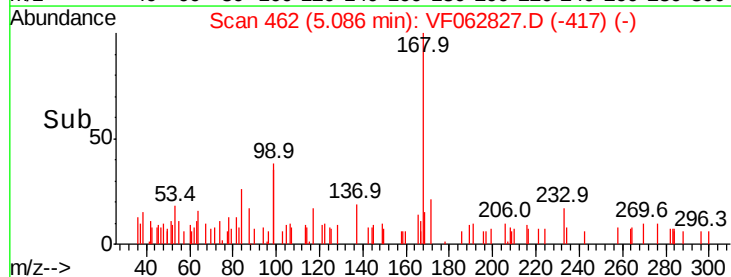
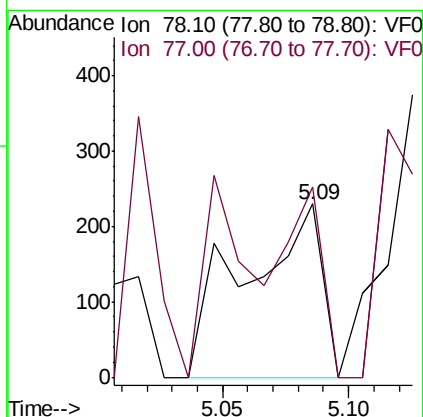
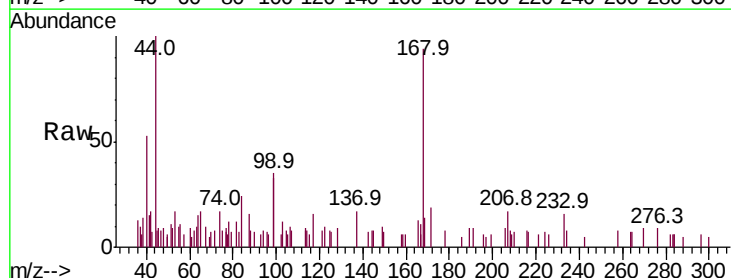
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

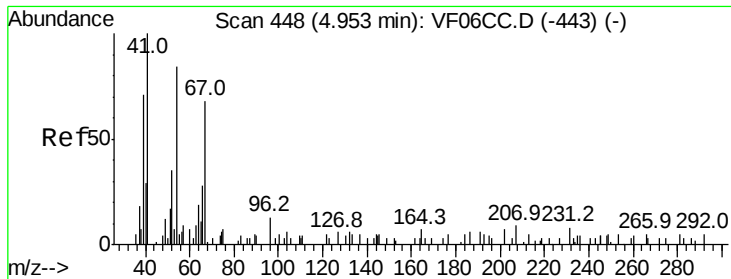
Tot Ion: 83 Resp: 87
Ion Ratio Lower Upper
83 100
55 109.5 61.6 92.4#
98 0.0 37.4 56.2#



#40
Benzene
Concen: 40.316 ug/l
RT: 5.09 min Scan# 462
Delta R.T. 0.24 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 78 Resp: 485
Ion Ratio Lower Upper
78 100
77 110.0 18.9 28.3#





#41

Methacrylonitrile

Concen: 1078.101 ug/l

RT: 5.17 min Scan# 471

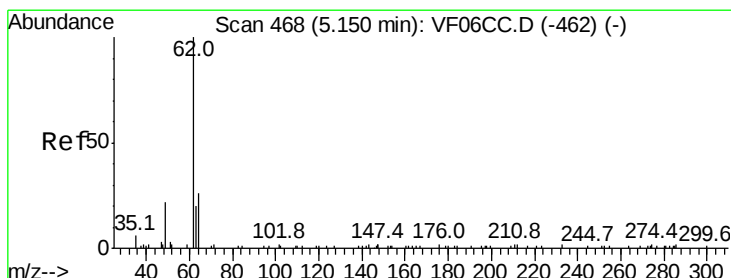
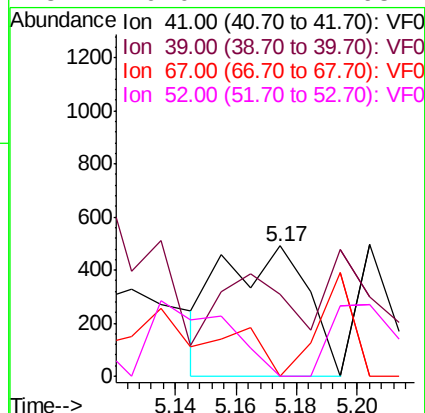
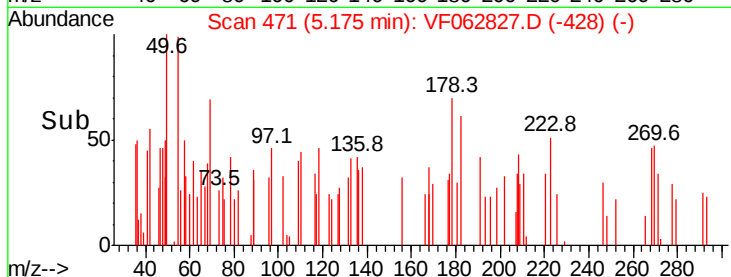
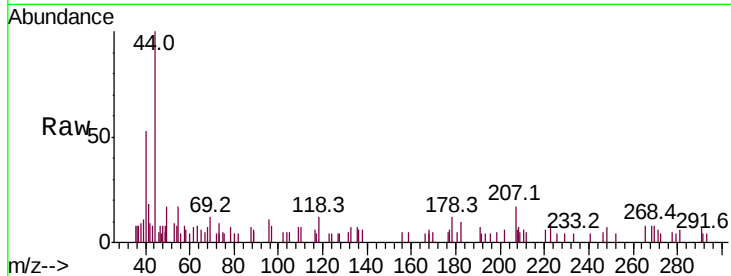
Delta R.T. 0.22 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

Tot Ion:	41	Resp:	947
Ion	Ratio	Lower	Upper
41	100		
39	63.3	42.0	63.0#
67	0.0	61.4	92.0#
52	0.0	42.1	63.1#



#42

1,2-Dichloroethane

Concen: 76.049 ug/l

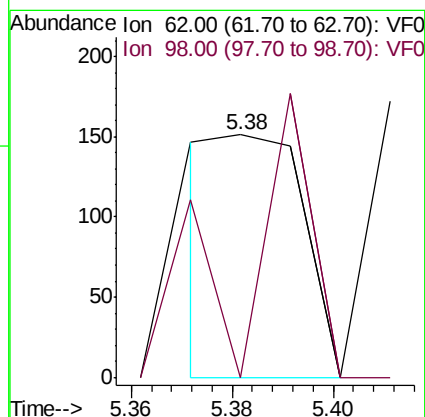
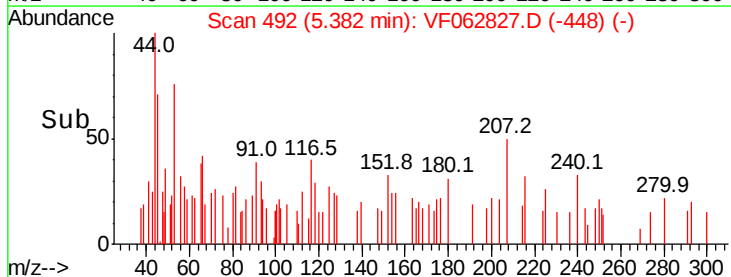
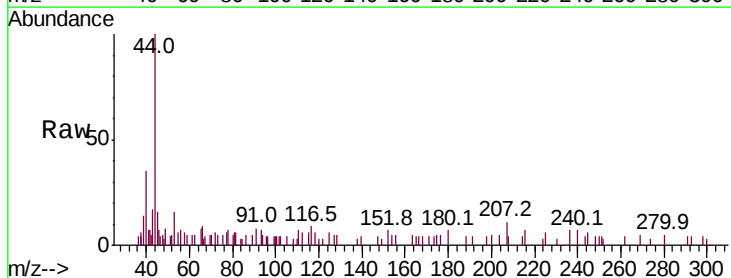
RT: 5.38 min Scan# 492

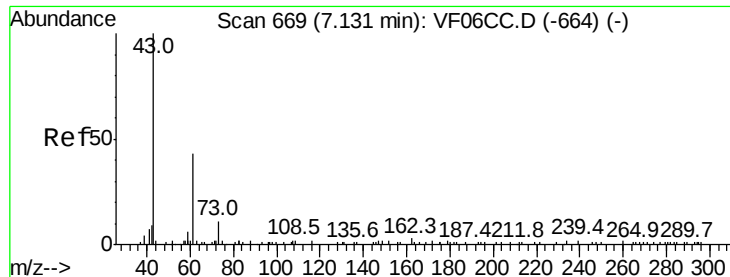
Delta R.T. 0.23 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Tgt Ion:	62	Resp:	174
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	24.0





#43

Isopropyl Acetate

Concen: 633.356 ug/l

RT: 7.48 min Scan# 705

Delta R.T. 0.35 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

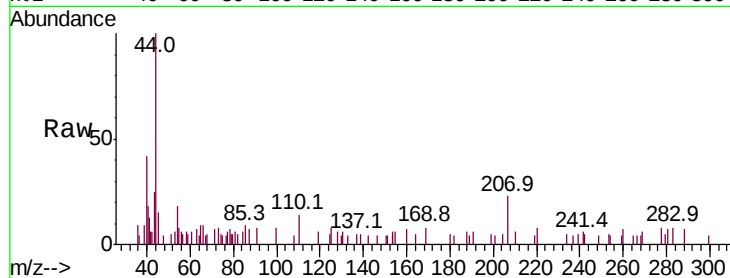
Tot Ion: 43 Resp: 1322

Ion Ratio Lower Upper

43 100

61 22.4 29.8 44.6#

87 26.1 0.3 0.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

7.48

800

600

400

200

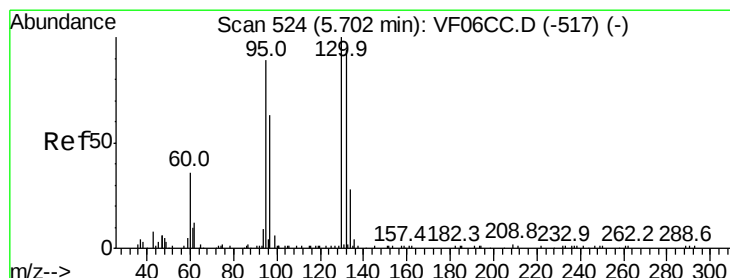
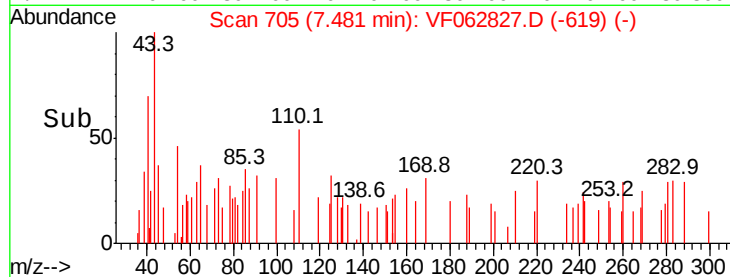
0

7.45

7.50

7.55

Time-->



#44

Trichloroethene

Concen: 26.803 ug/l

RT: 5.97 min Scan# 552

Delta R.T. 0.27 min

Lab File: VF062827.D

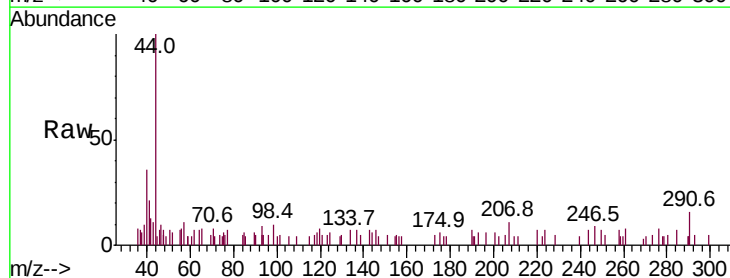
Acq: 3 Jun 2019 14:28

Tgt Ion:130 Resp: 91

Ion Ratio Lower Upper

130 100

95 0.0 0.0 188.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

150

100

50

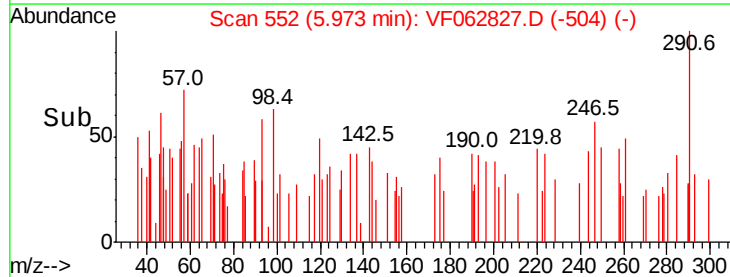
0

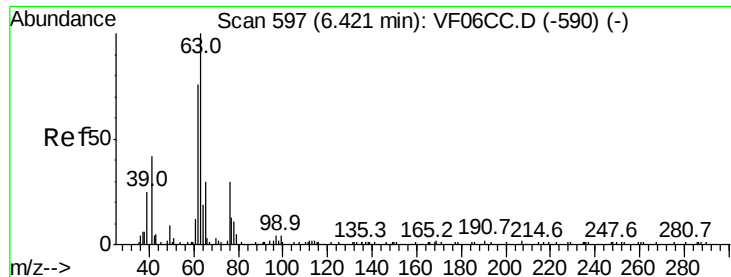
5.94

5.96

5.98

Time-->





#45

1,2-Dichloropropane

Concen: 157.014 ug/l

RT: 6.76 min Scan# 632

Delta R.T. 0.33 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

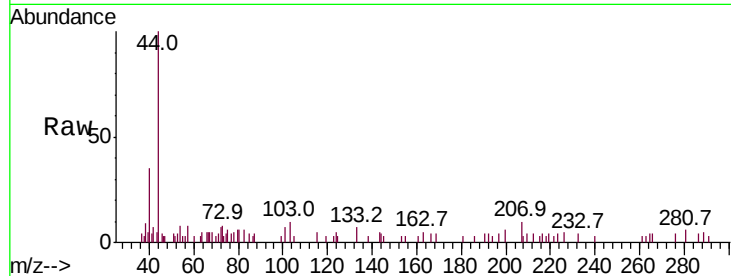
0423-HR-3(HACKENSACK)

Tot Ion: 63 Resp: 474

Ion Ratio Lower Upper

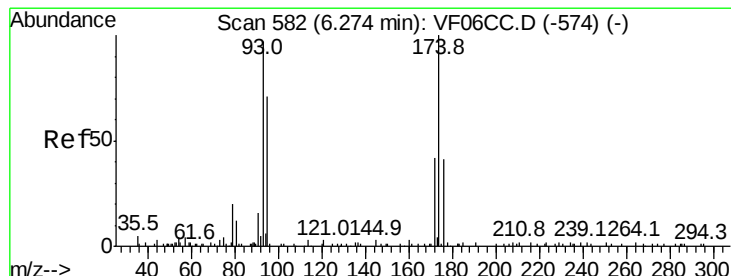
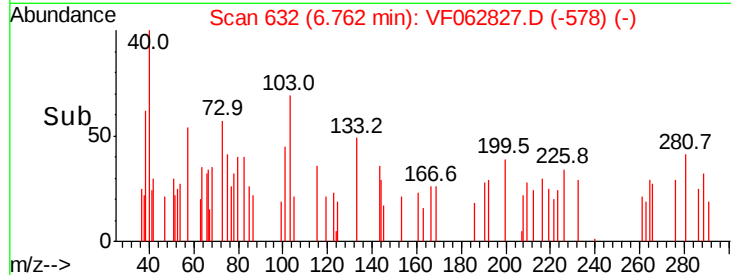
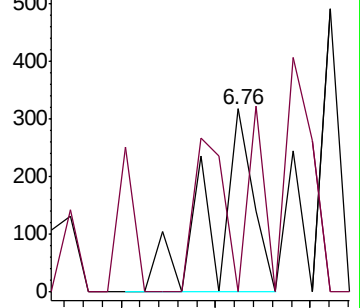
63 100

65 0.0 24.2 36.2#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 104.395 ug/l

RT: 6.58 min Scan# 614

Delta R.T. 0.30 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

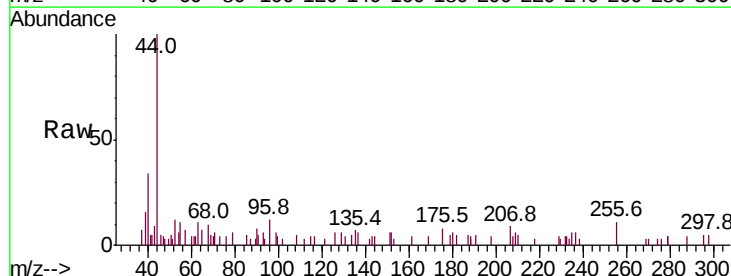
Tgt Ion: 93 Resp: 184

Ion Ratio Lower Upper

93 100

95 0.0 67.9 101.9#

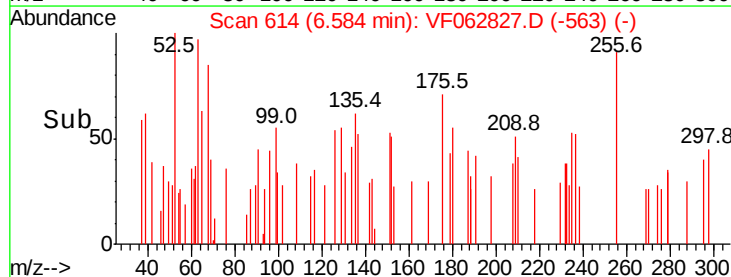
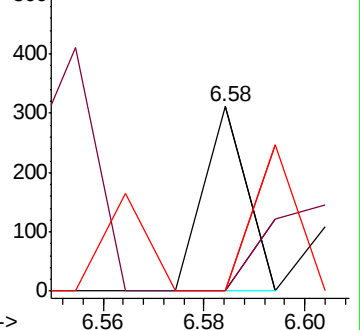
174 0.0 85.0 127.4#

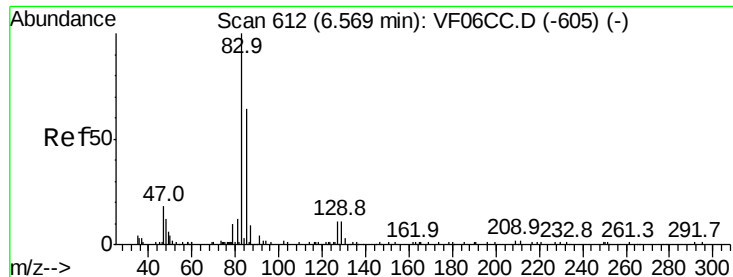


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 109.207 ug/l

RT: 6.86 min Scan# 642

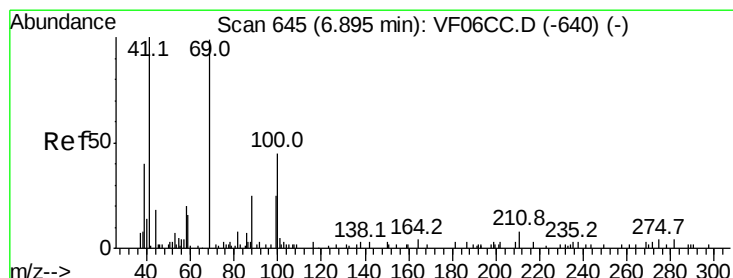
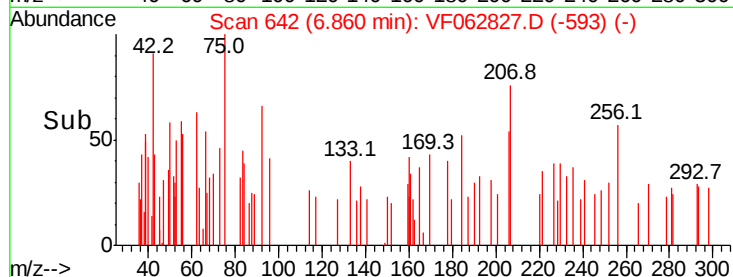
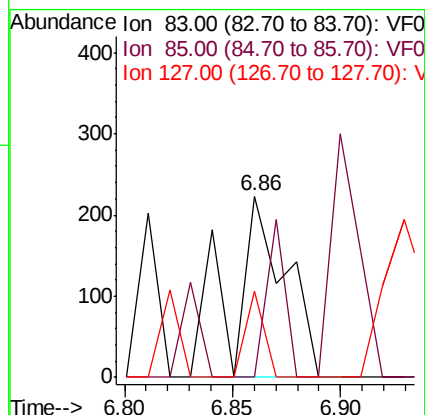
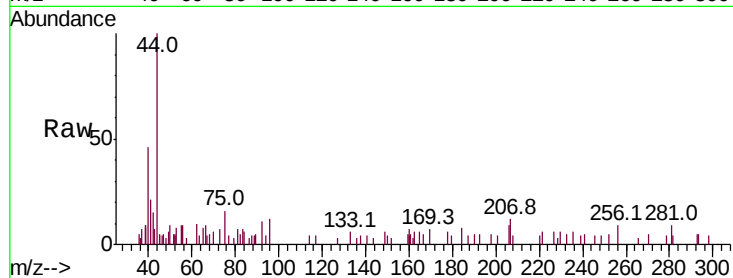
Delta R.T. 0.28 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

Tot Ion:	83	Resp:	392
Ion	Ratio	Lower	Upper
83	100		
85	0.0	54.2	81.4#
127	47.5	7.0	10.4#



#48

Methyl methacrylate

Concen: 1009.559 ug/l

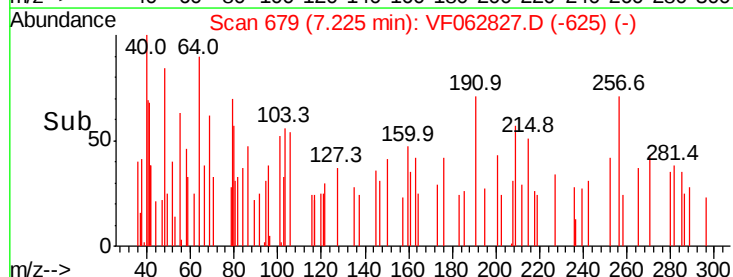
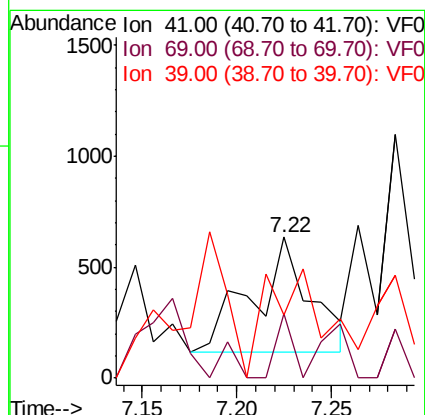
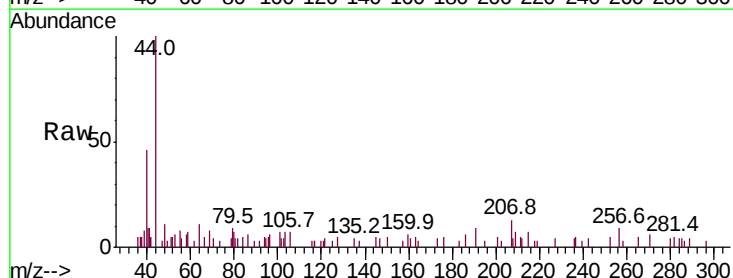
RT: 7.22 min Scan# 679

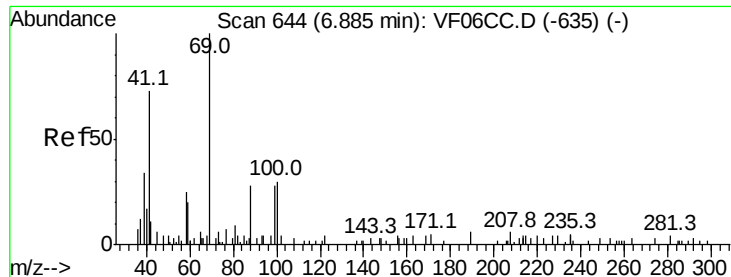
Delta R.T. 0.33 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Tgt Ion:	41	Resp:	1086
Ion	Ratio	Lower	Upper
41	100		
69	45.3	79.4	119.2#
39	45.1	39.8	59.6

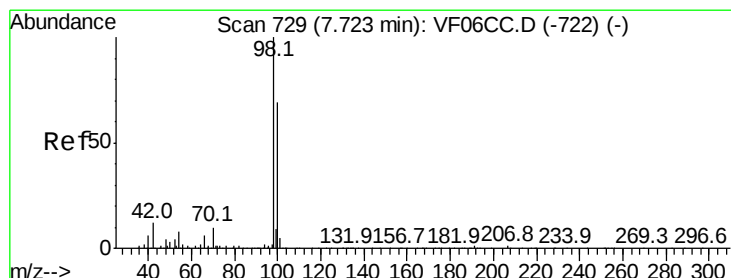
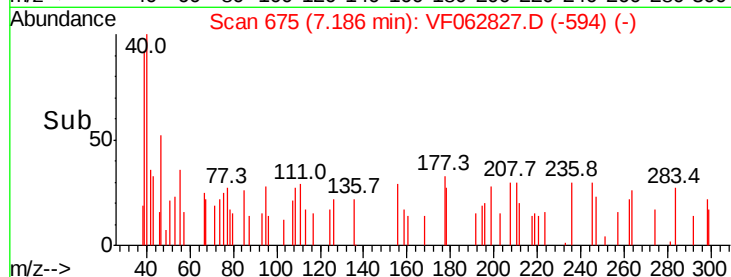
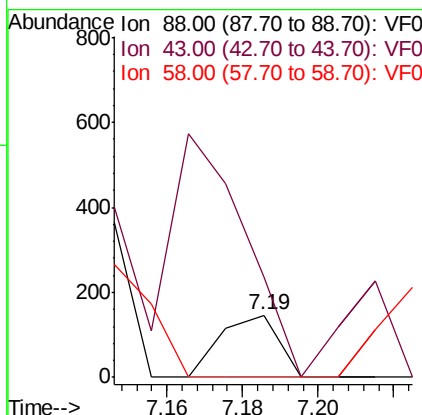
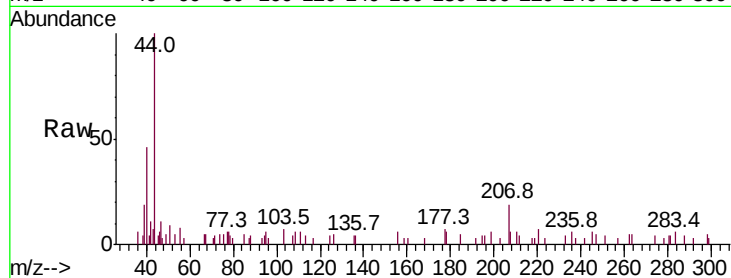




#49
1,4-Dioxane
Concen: 10861.009 ug/l
RT: 7.19 min Scan# 675
Delta R.T. 0.30 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

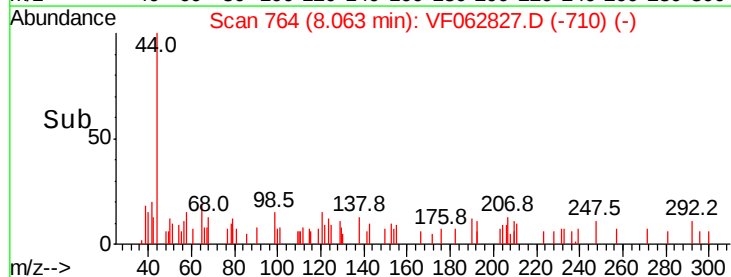
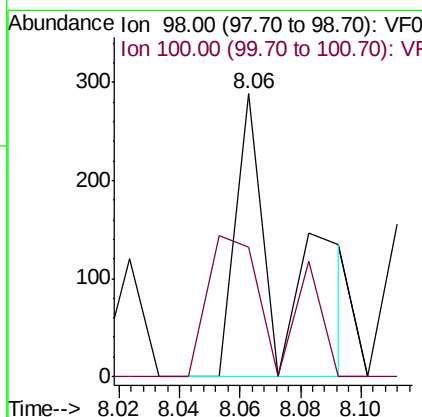
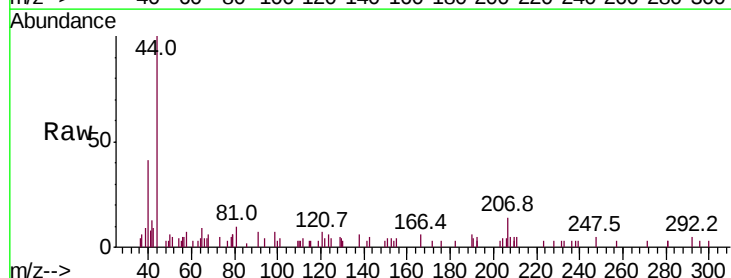
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

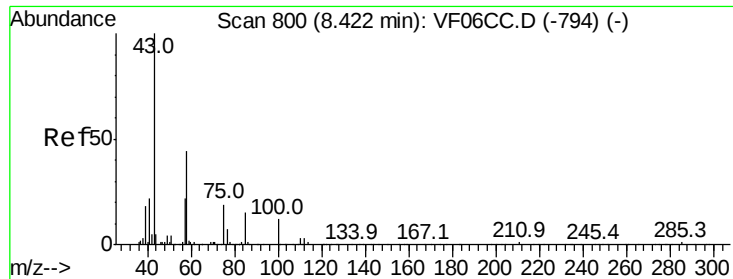
Tot Ion: 88 Resp: 154
Ion Ratio Lower Upper
88 100
43 161.6 34.8 52.2#
58 0.0 59.9 89.9#



#50
Toluene-d8
Concen: 39.162 ug/l
RT: 8.06 min Scan# 764
Delta R.T. 0.33 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 98 Resp: 336
Ion Ratio Lower Upper
98 100
100 45.8 59.8 89.8#

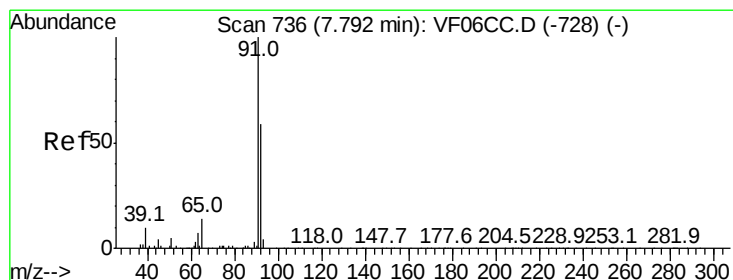
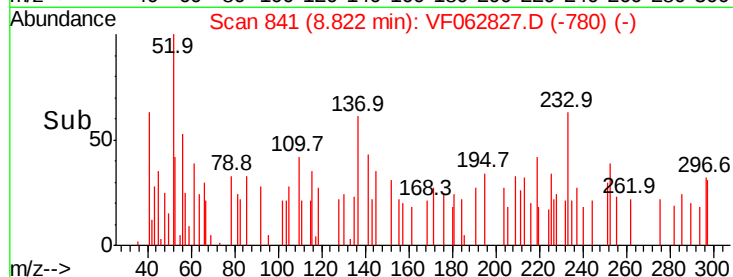
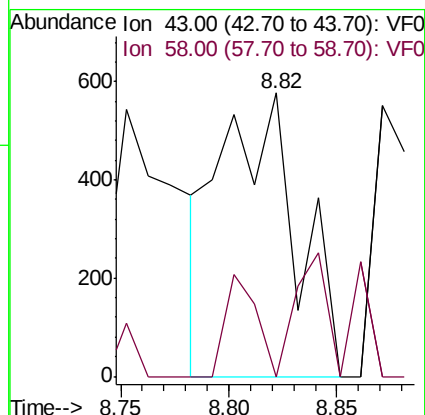
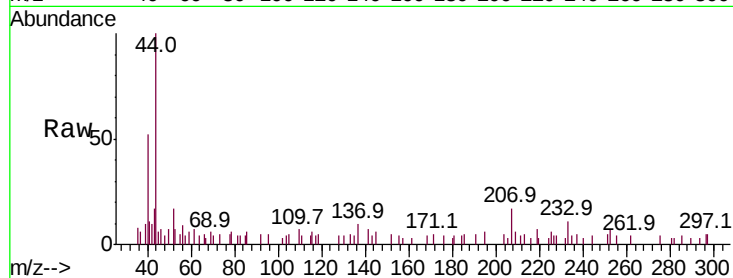




#51
4-Methyl-2-Pentanone
Concen: 952.891 ug/l
RT: 8.82 min Scan# 841
Delta R.T. 0.40 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

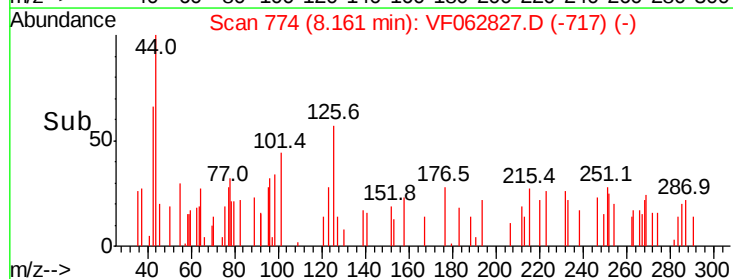
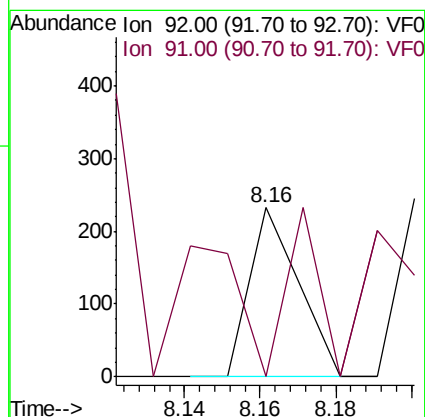
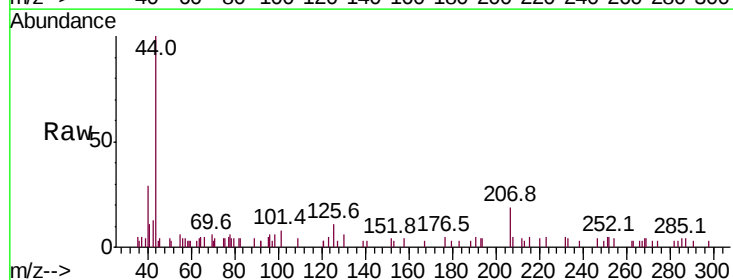
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

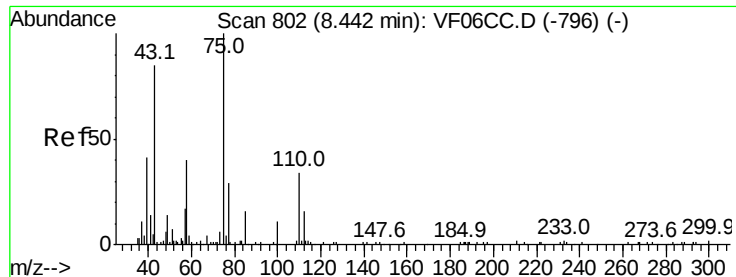
Tot Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 0.0 35.5 53.3#



#52
Toluene
Concen: 31.793 ug/l
RT: 8.16 min Scan# 774
Delta R.T. 0.36 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 92 Resp: 206
Ion Ratio Lower Upper
92 100
91 0.0 123.2 184.8#





#53

t-1,3-Dichloropropene

Concen: 130.781 ug/l

RT: 8.92 min Scan# 851

Delta R.T. 0.48 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

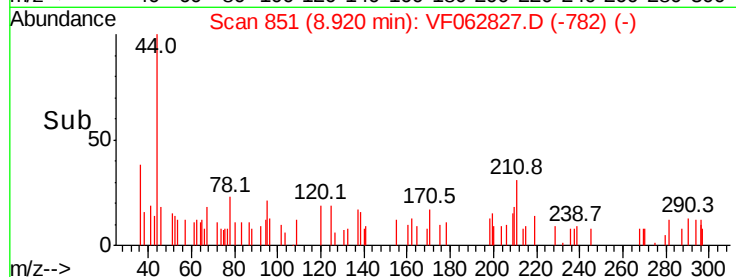
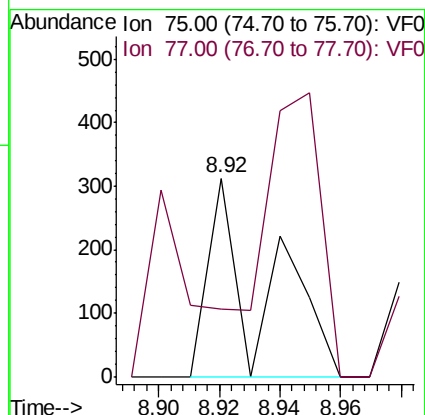
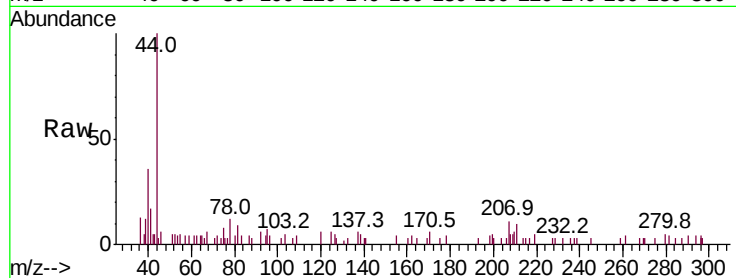
0423-HR-3(HACKENSACK)

Tot Ion: 75 Resp: 389

Ion Ratio Lower Upper

75 100

77 33.9 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.903 ug/l

RT: 7.82 min Scan# 739

Delta R.T. 0.34 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

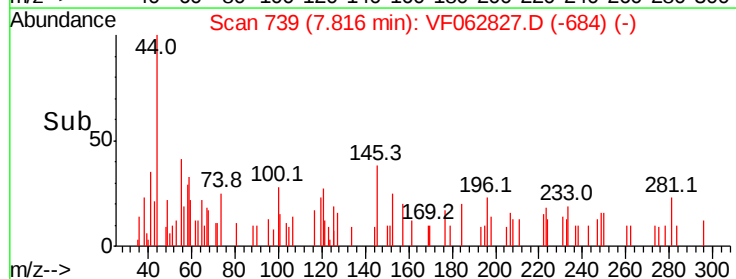
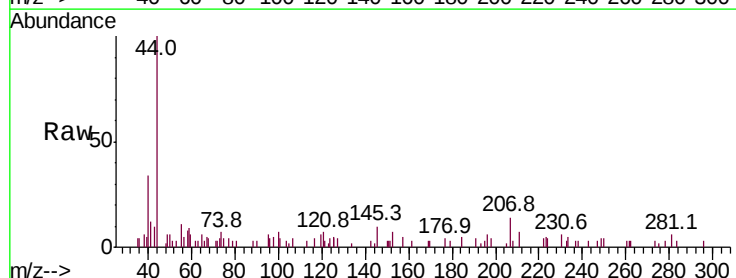
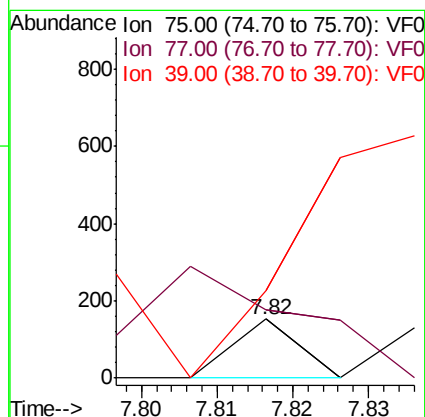
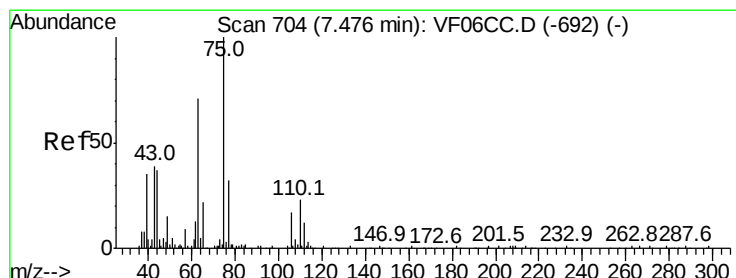
Tgt Ion: 75 Resp: 90

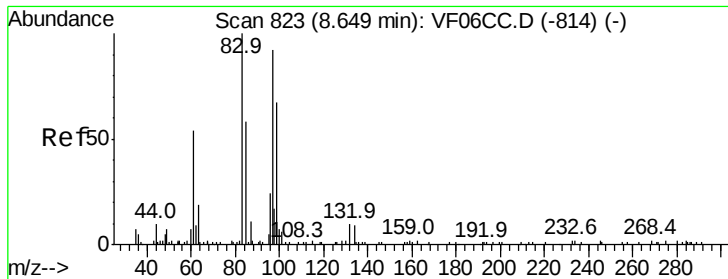
Ion Ratio Lower Upper

75 100

77 115.0 25.8 38.8#

39 148.4 28.4 42.6#





#55

1,1,2-Trichloroethane

Concen: 311.512 ug/l

RT: 9.05 min Scan# 864

Delta R.T. 0.40 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

Tot Ion: 97 Resp: 603

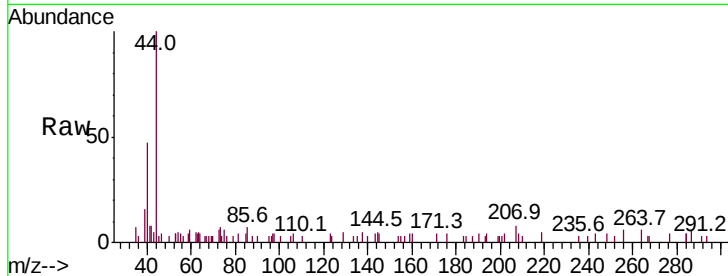
Ion Ratio Lower Upper

97 100

83 0.0 72.0 108.0#

85 101.7 47.5 71.3#

99 0.0 54.1 81.1#

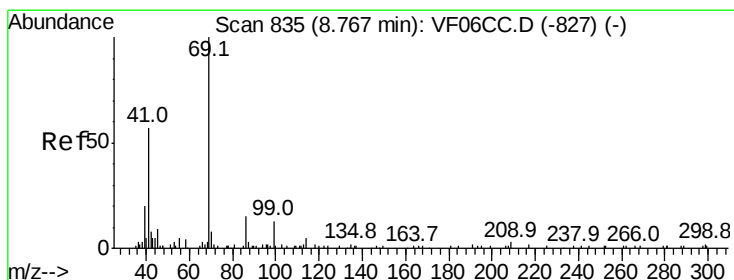
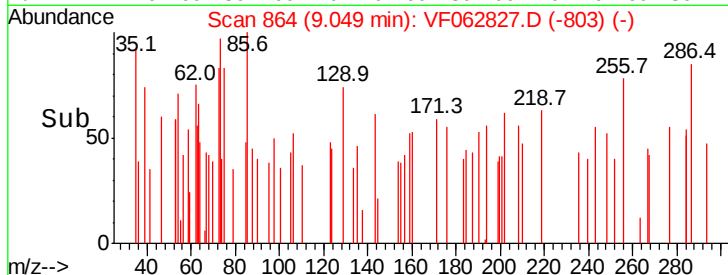
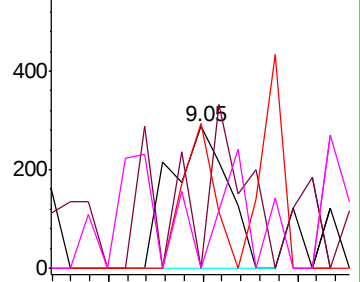


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 127.590 ug/l

RT: 9.18 min Scan# 877

Delta R.T. 0.40 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

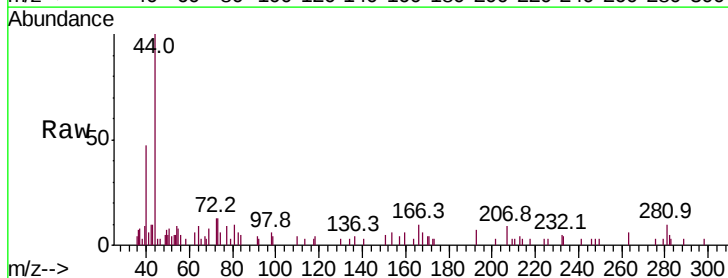
Tgt Ion: 69 Resp: 265

Ion Ratio Lower Upper

69 100

41 75.5 46.6 69.8#

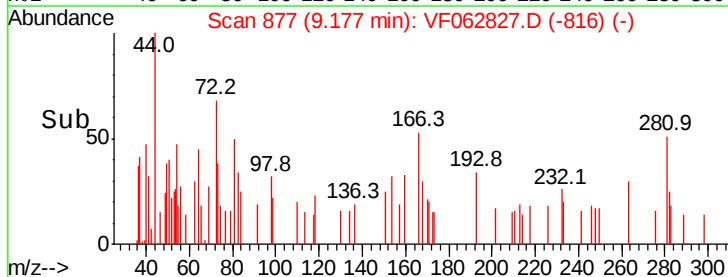
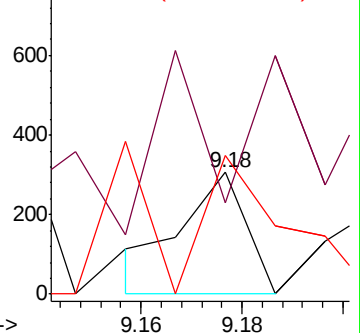
39 113.7 19.6 29.4#

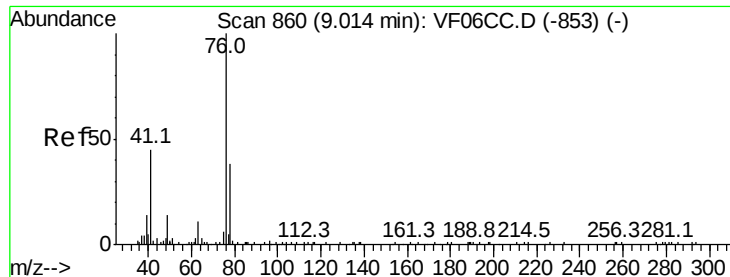


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 93.007 ug/l

RT: 9.54 min Scan# 914

Delta R.T. 0.53 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

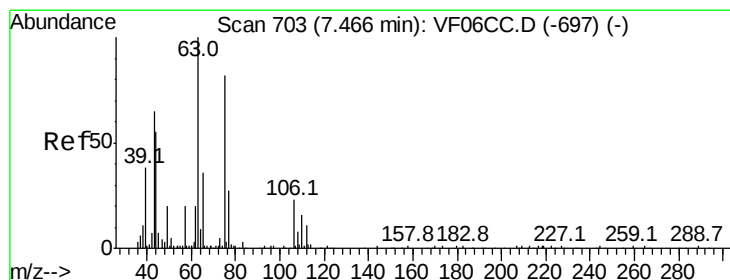
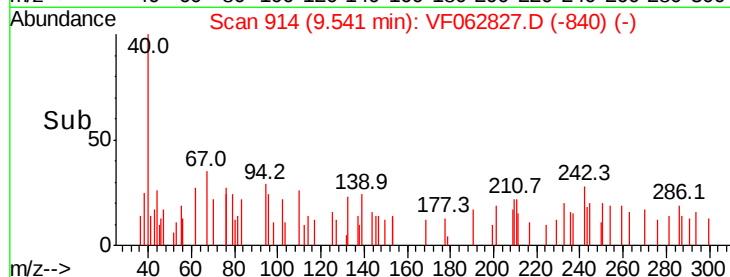
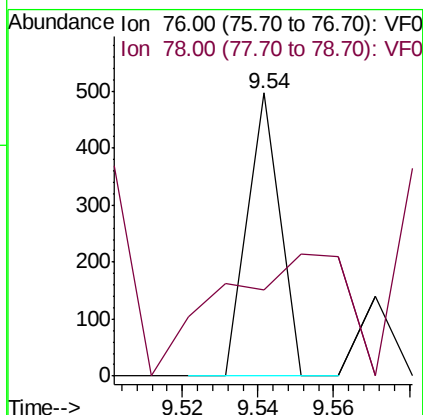
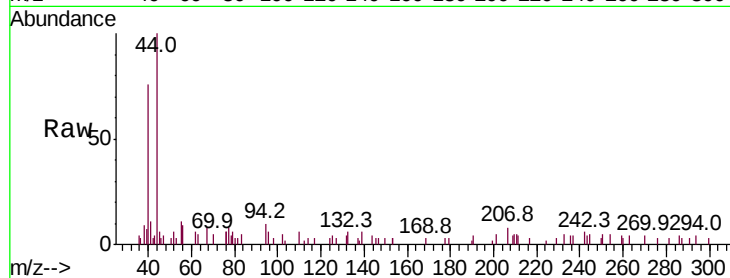
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

Tot Ion: 76 Resp: 294

Ion Ratio Lower Upper

76 100

78 30.6 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 225.933 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.32 min

Lab File: VF062827.D

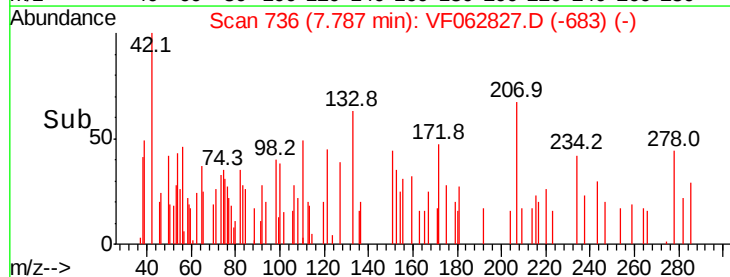
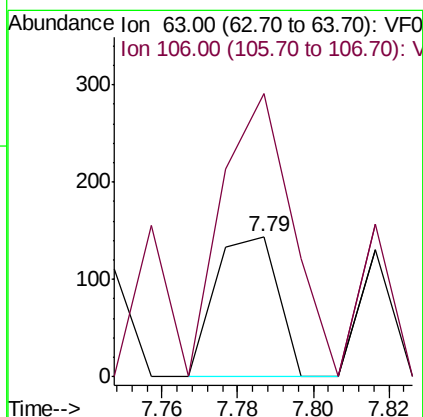
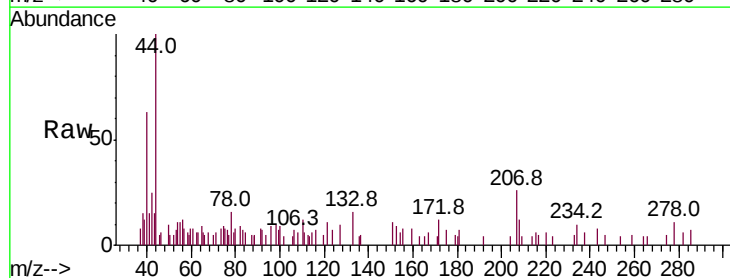
Acq: 3 Jun 2019 14:28

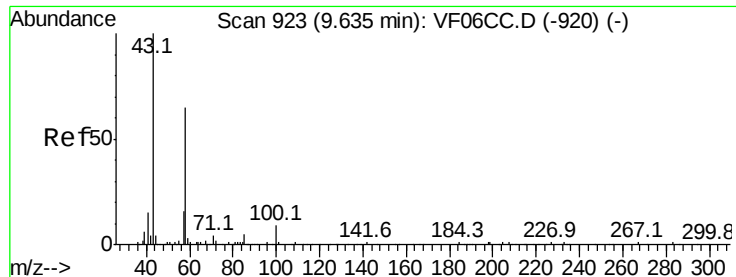
Tgt Ion: 63 Resp: 164

Ion Ratio Lower Upper

63 100

106 202.1 19.5 29.3#

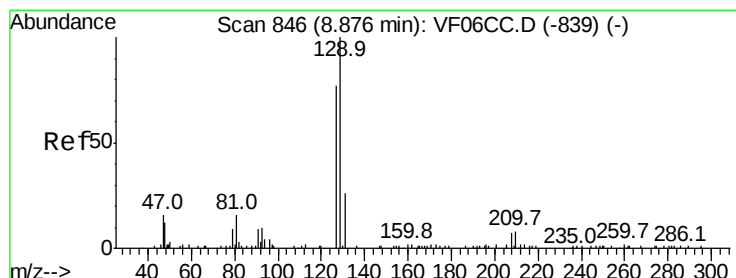
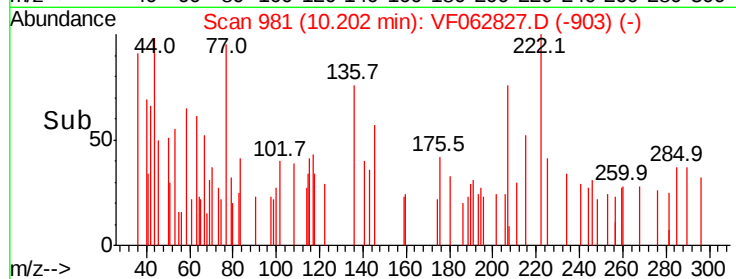
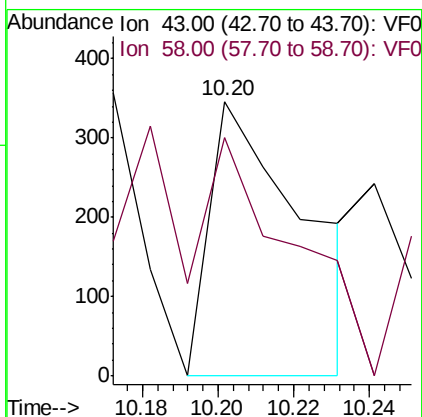
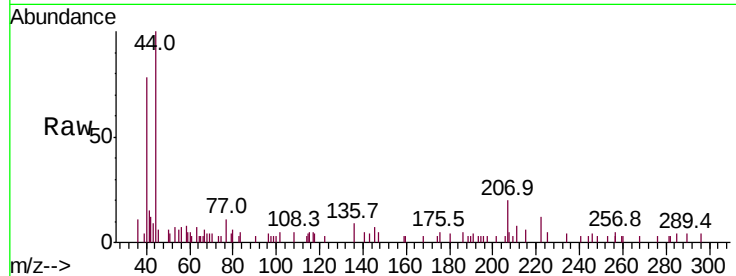




#59
2-Hexanone
Concen: 556.409 ug/l
RT: 10.20 min Scan# 981
Delta R.T. 0.56 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

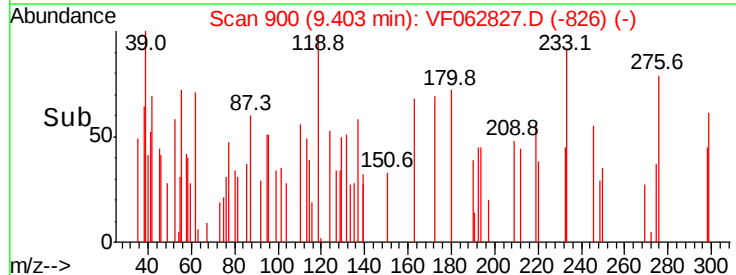
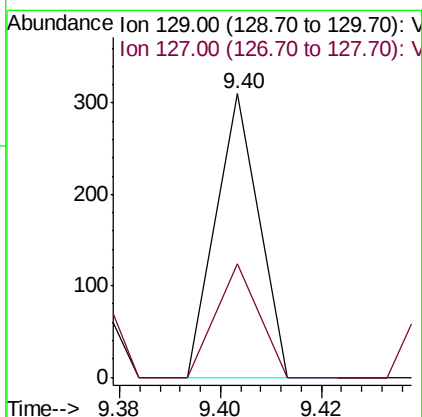
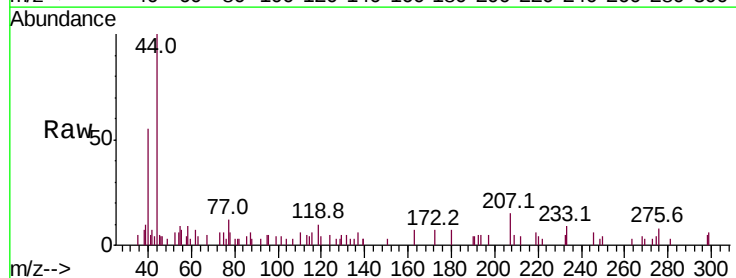
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

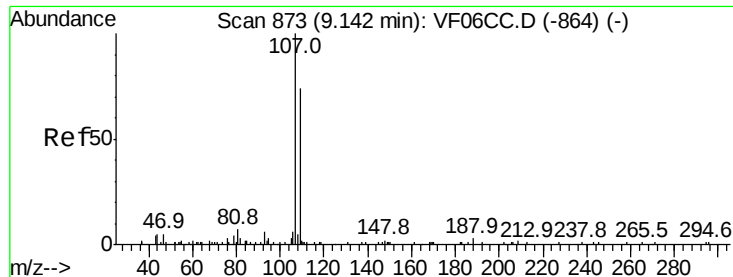
Tot Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 87.0 29.3 87.9



#60
Dibromochloromethane
Concen: 76.360 ug/l
RT: 9.40 min Scan# 900
Delta R.T. 0.53 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 129 Resp: 183
Ion Ratio Lower Upper
129 100
127 40.0 37.1 111.3





#61

1,2-Dibromoethane

Concen: 50.240 ug/l

RT: 9.55 min Scan# 915

Delta R.T. 0.40 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

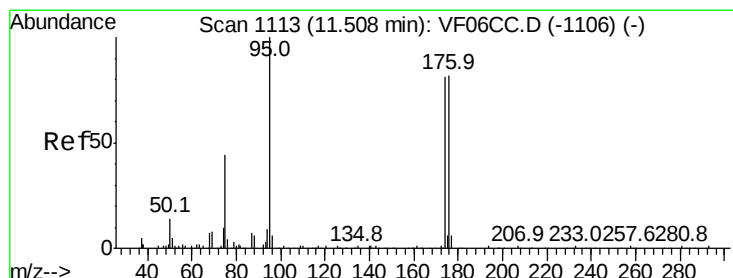
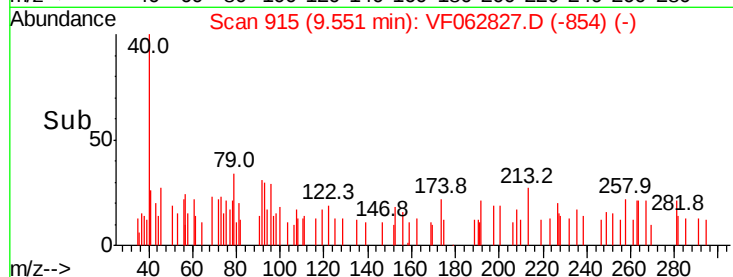
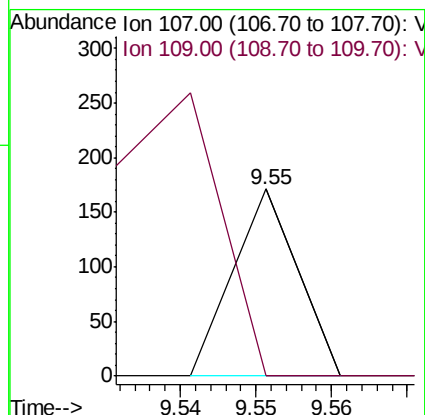
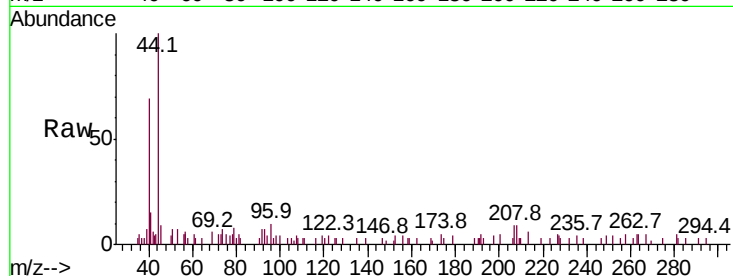
0423-HR-3(HACKENSACK)

Tot Ion:107 Resp: 101

Ion Ratio Lower Upper

107 100

109 0.0 78.1 117.1#



#62

4-Bromofluorobenzene

Concen: 69.664 ug/l

RT: 12.05 min Scan# 1168

Delta R.T. 0.54 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

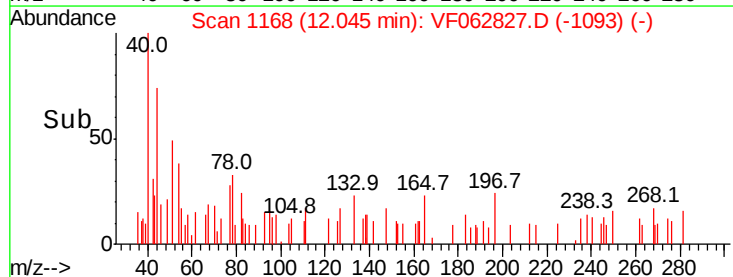
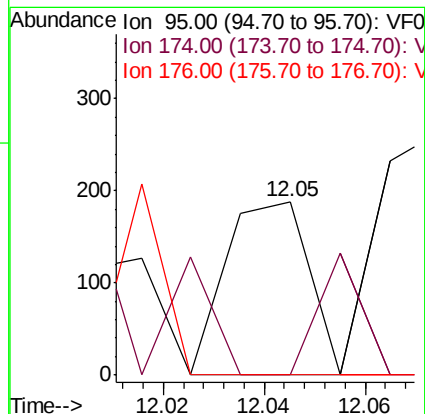
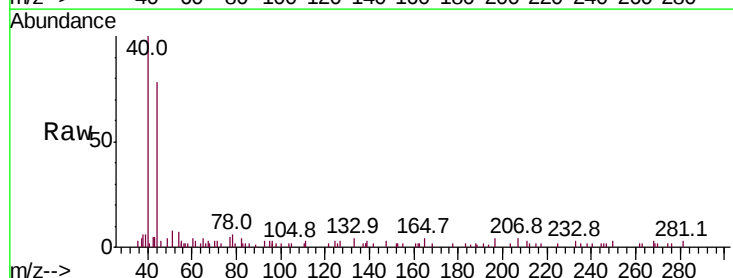
Tgt Ion: 95 Resp: 215

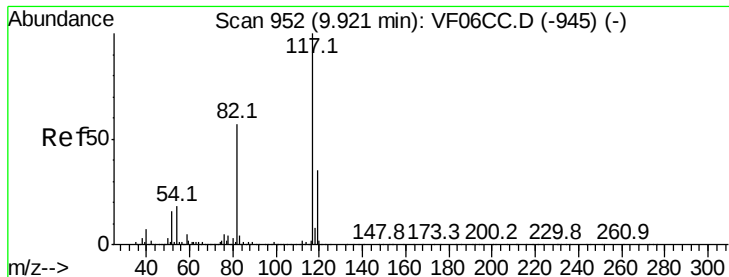
Ion Ratio Lower Upper

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: 10.35 min Scan# 996

Delta R.T. 0.42 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

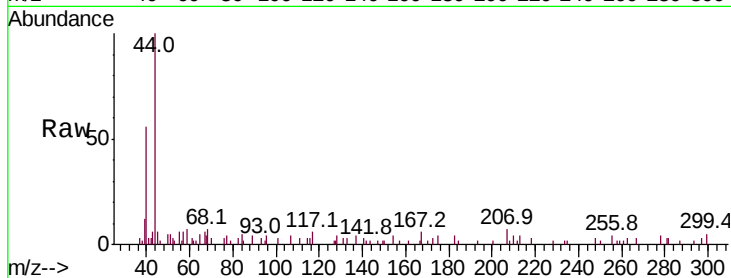
Tot Ion:117 Resp: 369

Ion Ratio Lower Upper

117 100

82 43.7 42.4 63.6

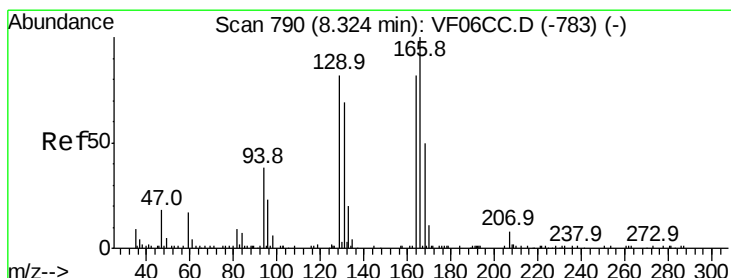
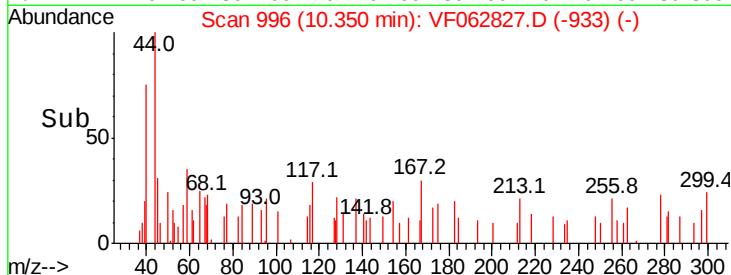
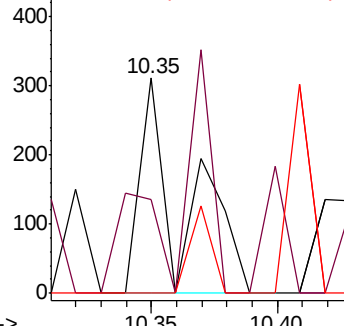
119 0.0 27.1 40.7#



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: 29.271 ug/l

RT: 8.33 min Scan# 791

Delta R.T. 0.00 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Tgt Ion:164 Resp: 83

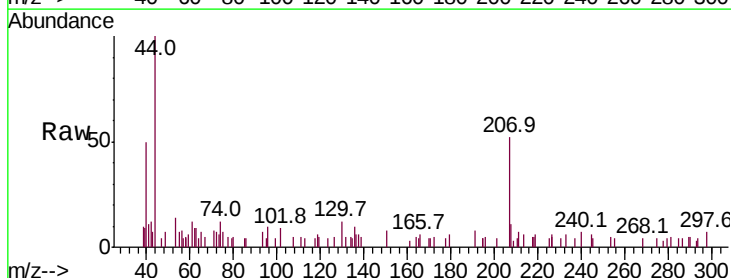
Ion Ratio Lower Upper

164 100

166 134.0 99.1 148.7

129 0.0 69.5 104.3#

131 112.8 69.2 103.8#

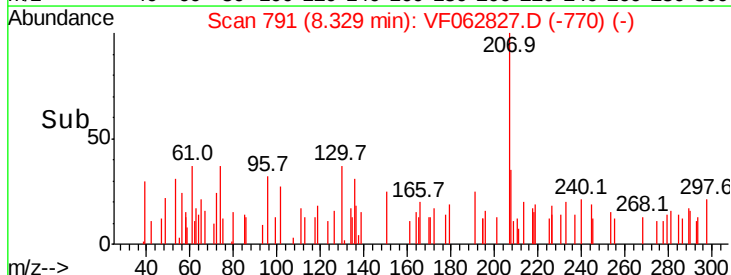
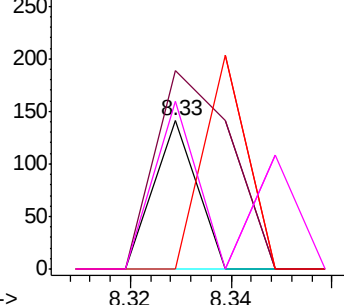


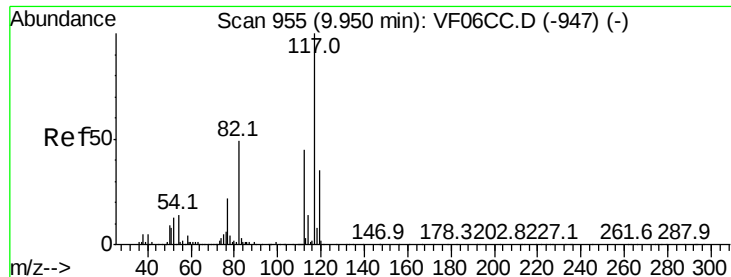
Abundance Ion 163.85 (163.55 to 164.55): V

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

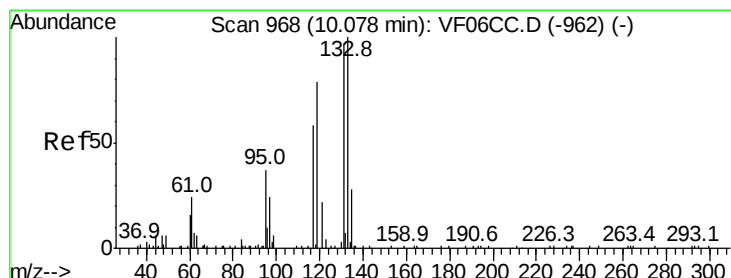
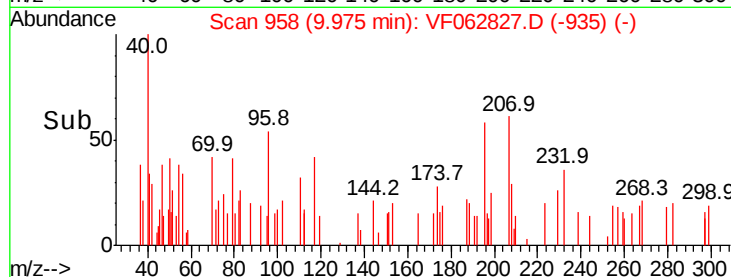
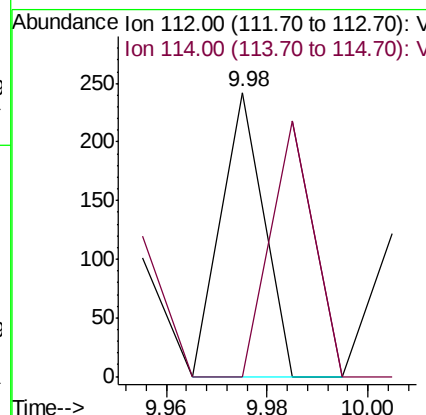
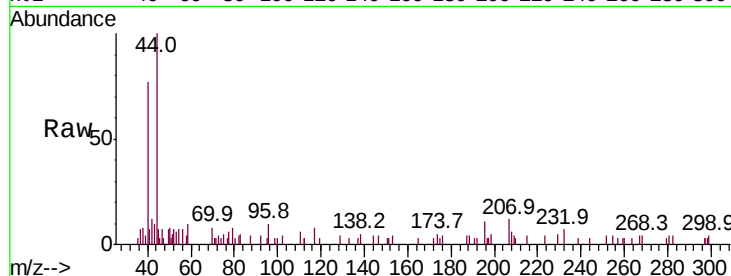




#65
Chlorobenzene
Concen: 20.067 ug/l
RT: 9.98 min Scan# 958
Delta R.T. 0.02 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

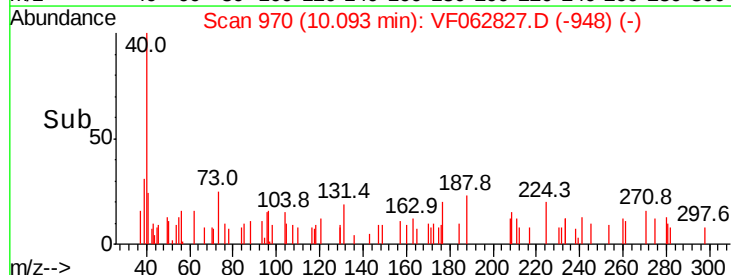
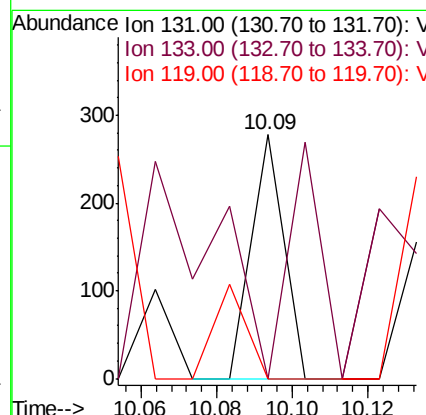
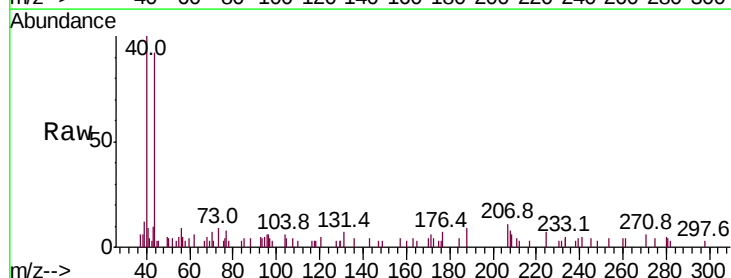
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

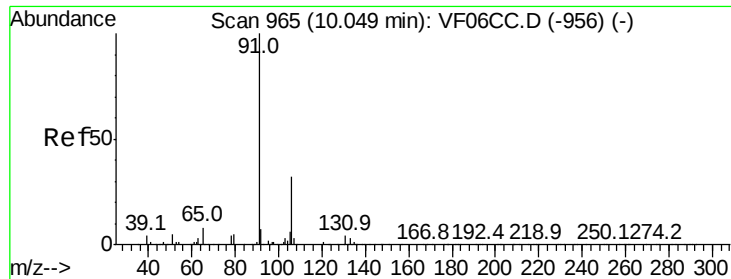
Tot Ion:112 Resp: 143
Ion Ratio Lower Upper
112 100
114 0.0 27.4 41.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 57.788 ug/l
RT: 10.09 min Scan# 970
Delta R.T. 0.01 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion:131 Resp: 164
Ion Ratio Lower Upper
131 100
133 0.0 48.9 146.7#
119 0.0 38.0 114.0#

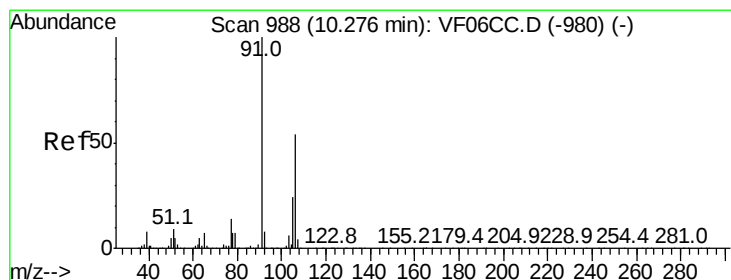
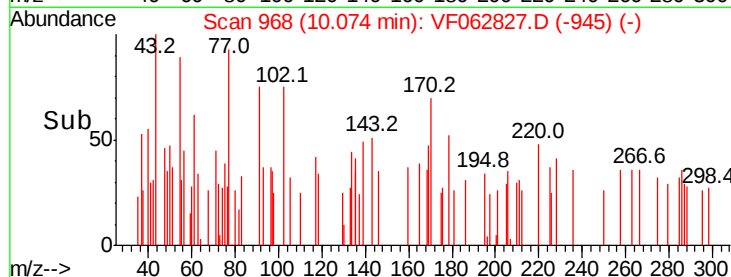
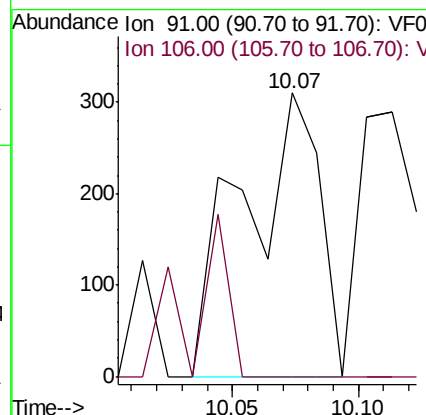
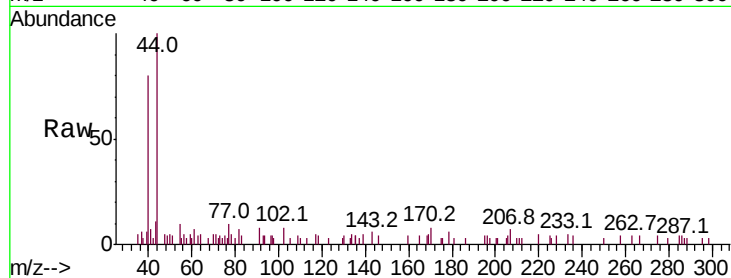




#67
Ethyl Benzene
Concen: 53.400 ug/l
RT: 10.07 min Scan# 968
Delta R.T. 0.02 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

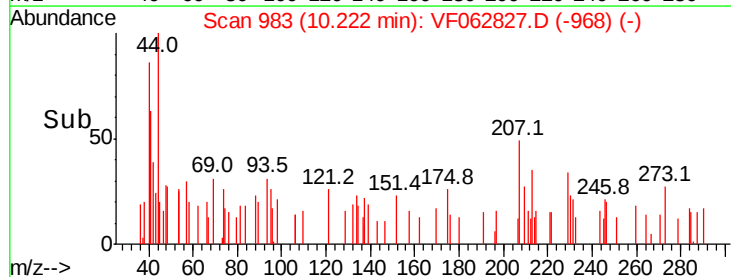
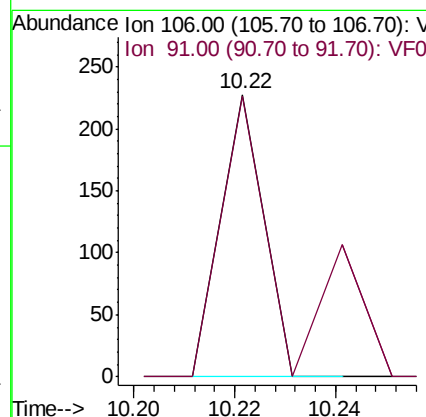
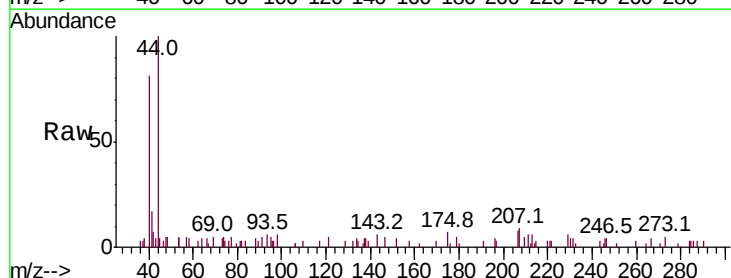
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

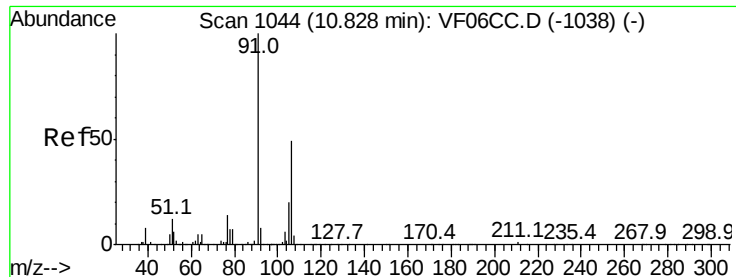
Tot Ion: 91 Resp: 653
Ion Ratio Lower Upper
91 100
106 0.0 26.0 39.0#



#68
m/p-Xylenes
Concen: 28.850 ug/l
RT: 10.22 min Scan# 983
Delta R.T. -0.06 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 106 Resp: 135
Ion Ratio Lower Upper
106 100
91 99.6 136.2 204.4#

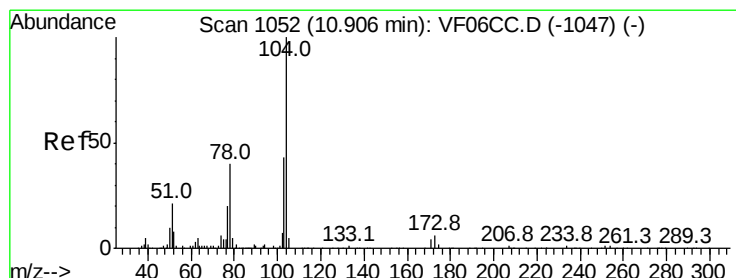
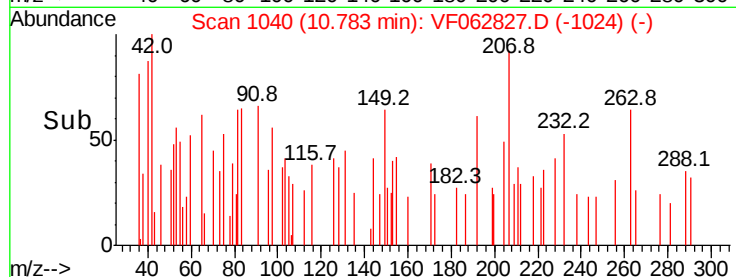
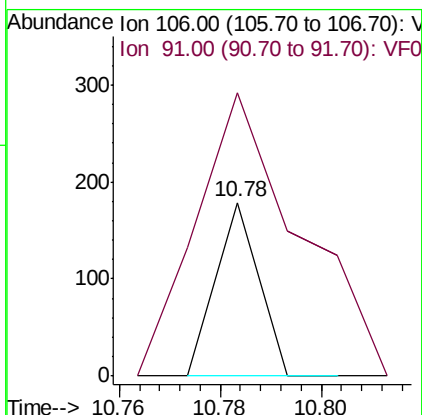
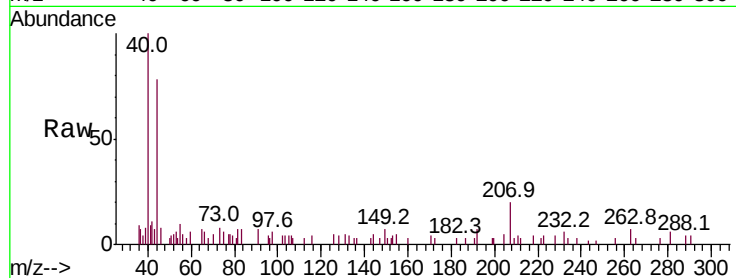




#69
o-Xylene
Concen: 22.374 ug/l
RT: 10.78 min Scan# 1040
Delta R.T. -0.05 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

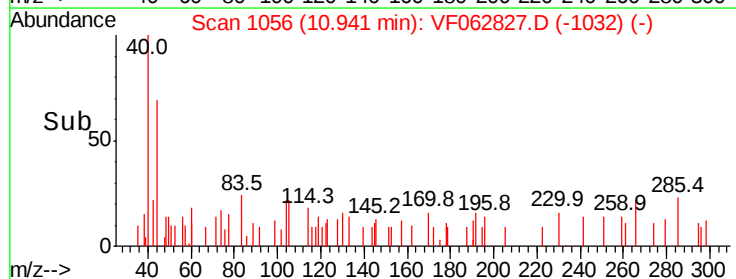
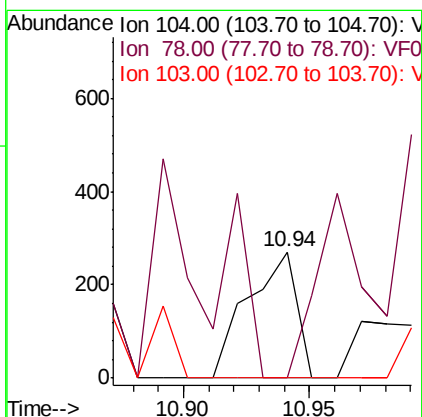
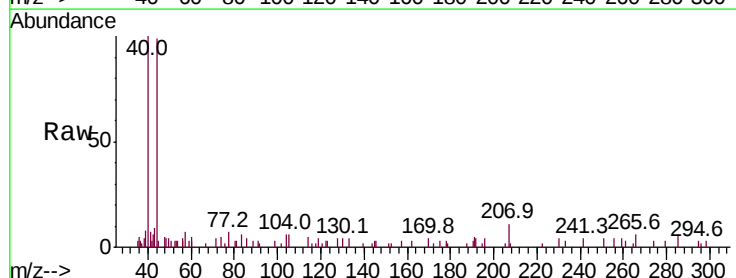
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

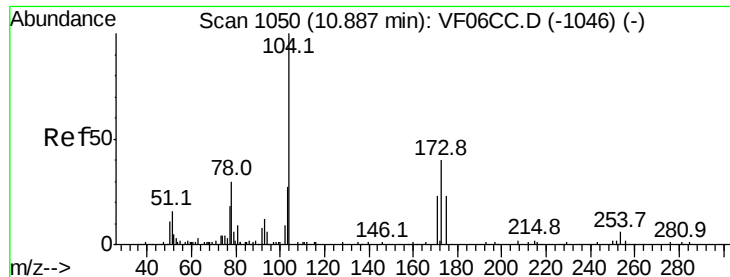
Tot Ion:106 Resp: 106
Ion Ratio Lower Upper
106 100
91 163.1 96.6 289.8



#70
Styrene
Concen: 52.842 ug/l
RT: 10.94 min Scan# 1056
Delta R.T. 0.03 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion:104 Resp: 369
Ion Ratio Lower Upper
104 100
78 0.0 30.8 46.2#
103 0.0 35.8 53.6#





#71

Bromoform

Concen: 71.983 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

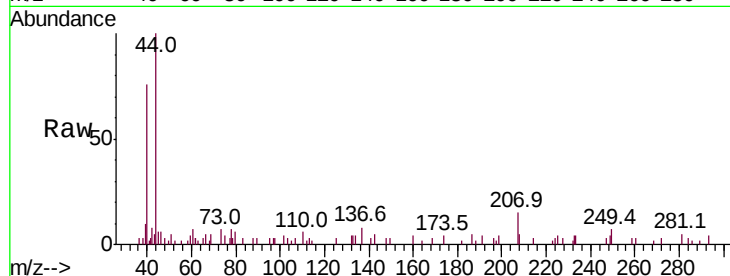
Tot Ion:173 Resp: 98

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

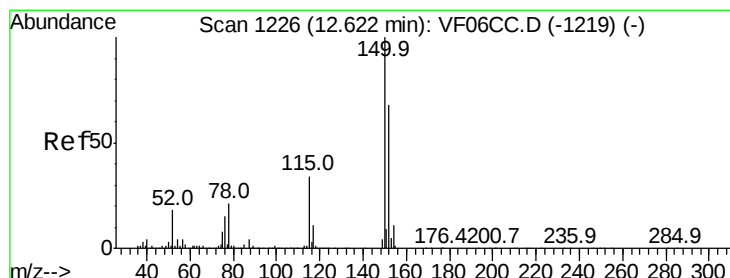
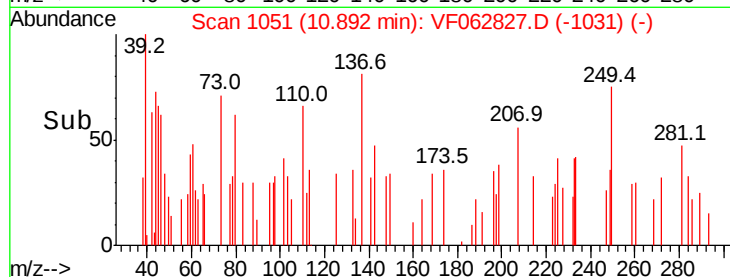
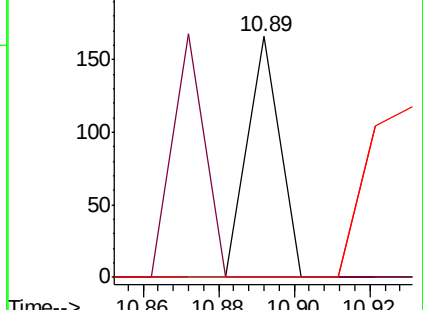
254 0.0 0.1 0.1#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

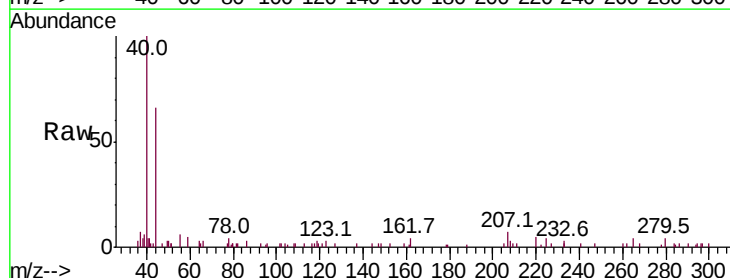
Tgt Ion:152 Resp: 80

Ion Ratio Lower Upper

152 100

115 0.0 24.6 74.0#

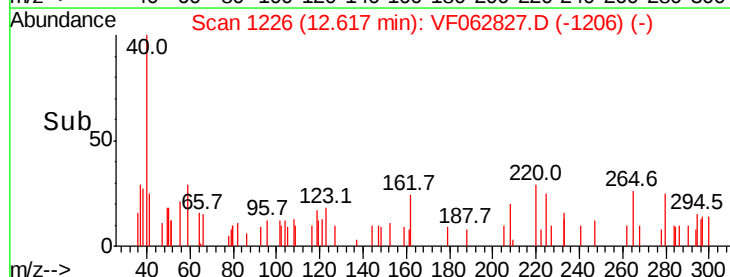
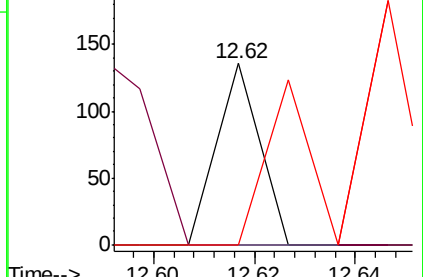
150 0.0 0.0 290.6

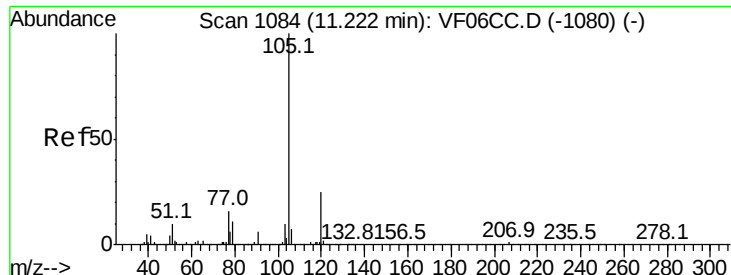


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 65.209 ug/l

RT: 11.24 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument:

MSVOA_F

ClientSampleId:

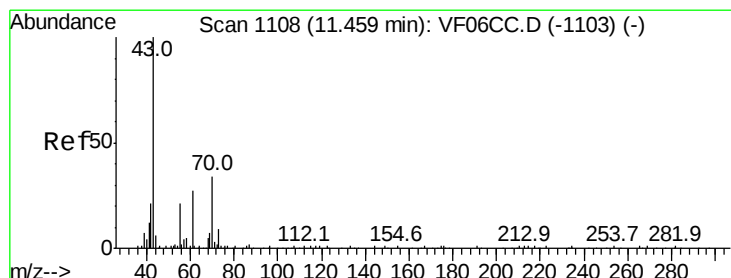
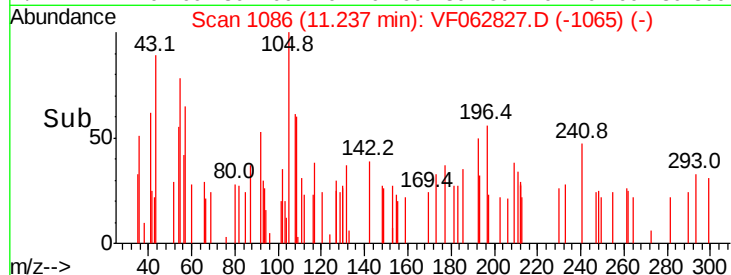
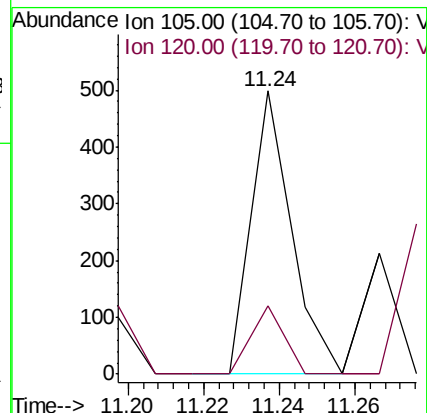
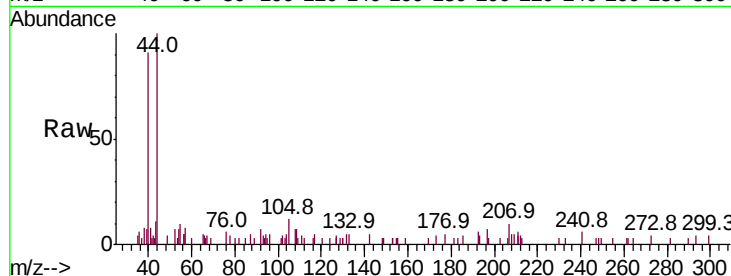
0423-HR-3(HACKENSACK)

Tot Ion:105 Resp: 364

Ion Ratio Lower Upper

105 100

120 24.1 15.1 45.3



#74

N-ethyl acetate

Concen: 369.930 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Tgt Ion: 43 Resp: 582

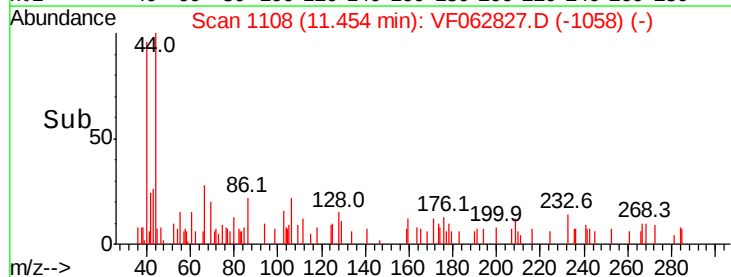
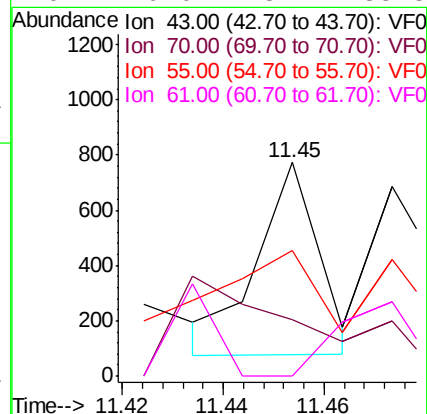
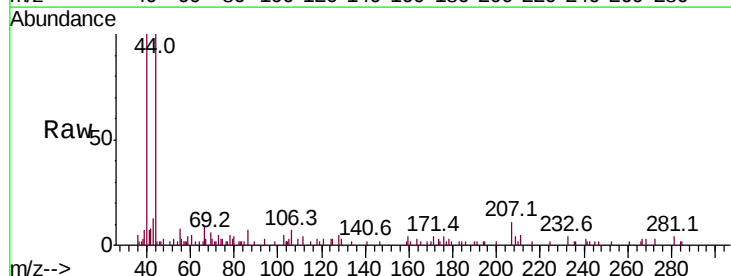
Ion Ratio Lower Upper

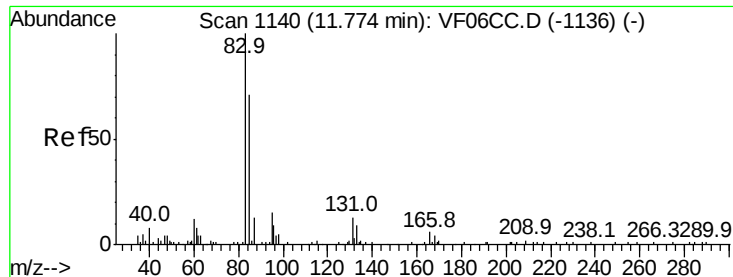
43 100

70 26.1 32.9 49.3#

55 58.5 17.3 25.9#

61 0.0 23.7 35.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 819.588 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

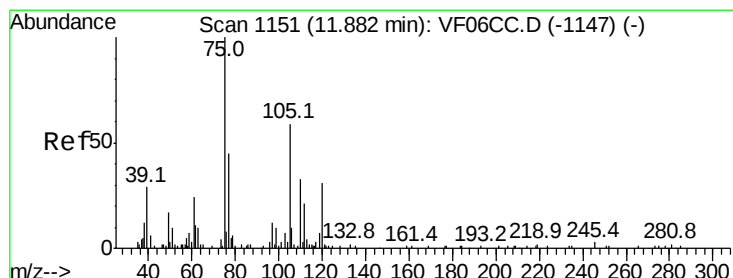
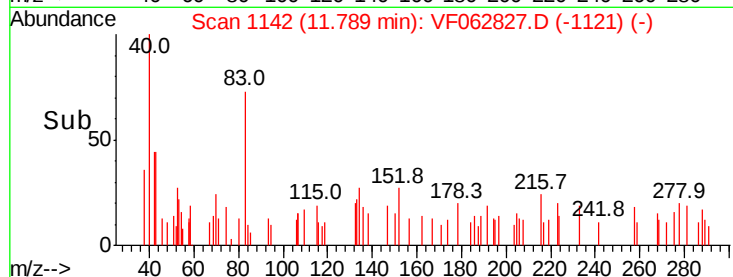
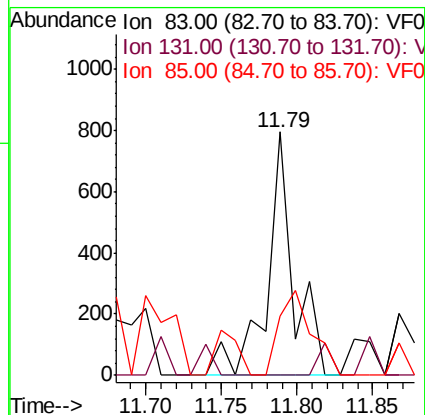
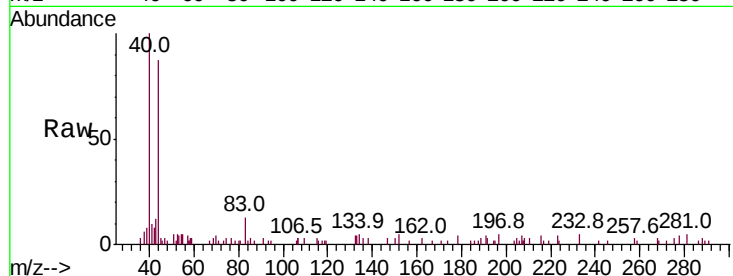
Tot Ion: 83 Resp: 977

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 24.4 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 239.190 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF062827.D

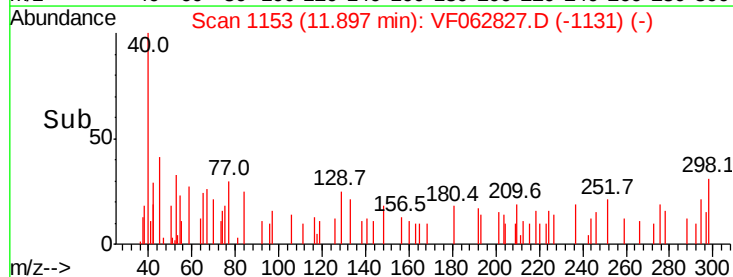
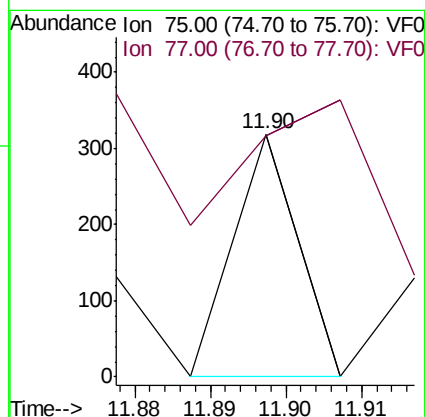
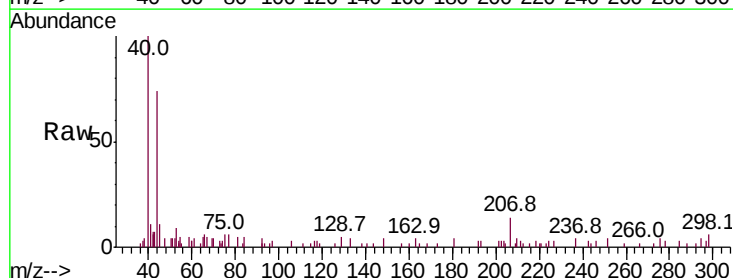
Acq: 3 Jun 2019 14:28

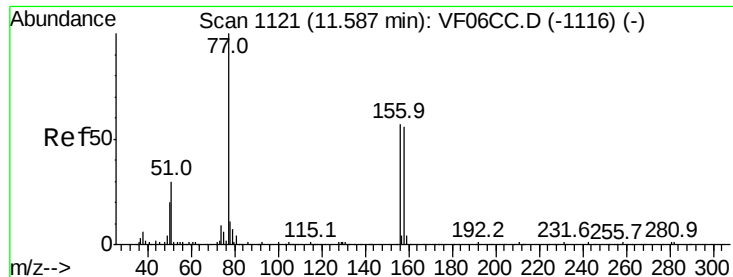
Tgt Ion: 75 Resp: 189

Ion Ratio Lower Upper

75 100

77 99.4 20.1 60.2#





#77

Bromobenzene

Concen: 60.604 ug/l

RT: 11.61 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

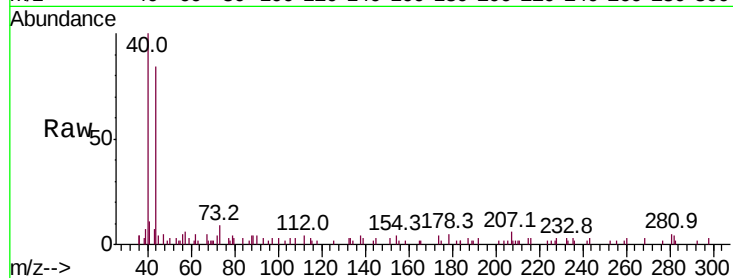
Tot Ion:156 Resp: 85

Ion Ratio Lower Upper

156 100

77 113.2 64.2 192.6

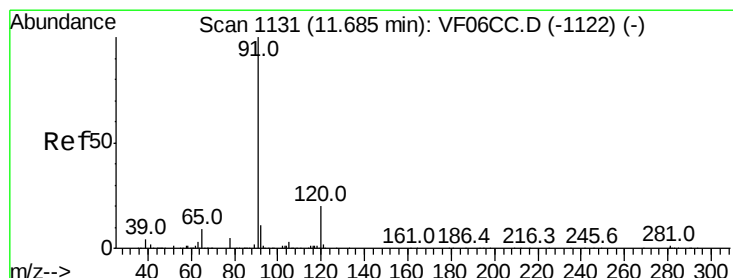
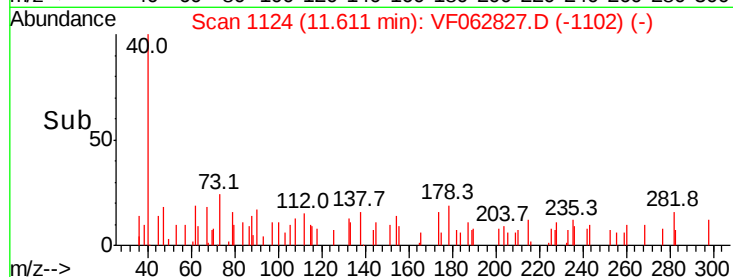
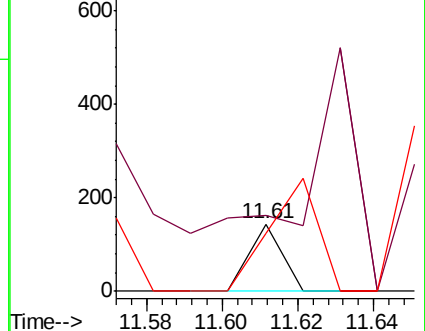
158 85.4 50.3 151.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 70.327 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.11 min

Lab File: VF062827.D

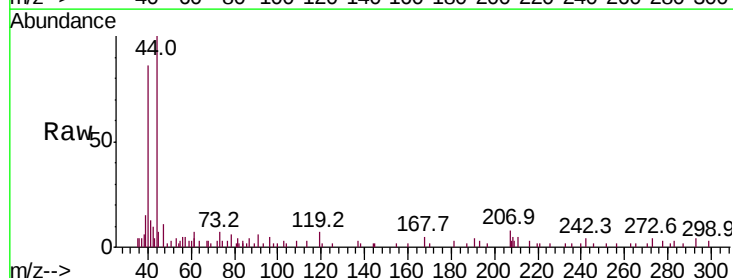
Acq: 3 Jun 2019 14:28

Tgt Ion: 91 Resp: 474

Ion Ratio Lower Upper

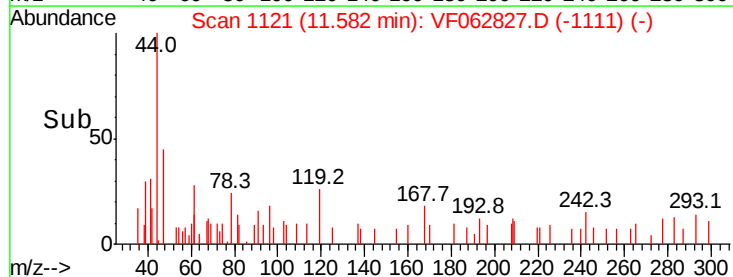
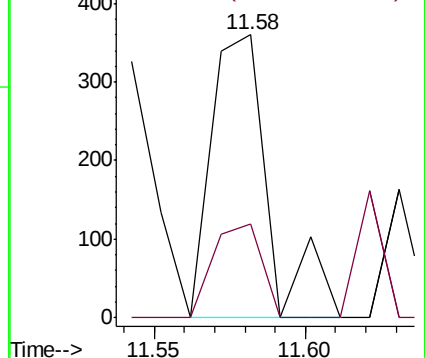
91 100

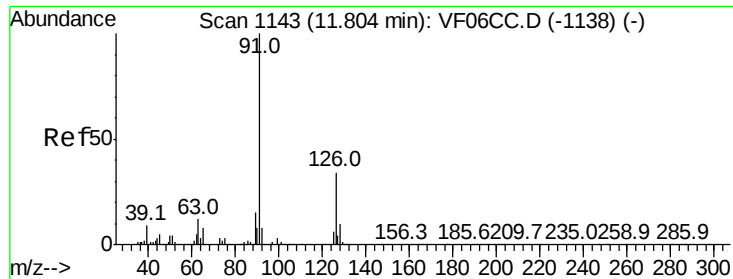
120 33.3 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

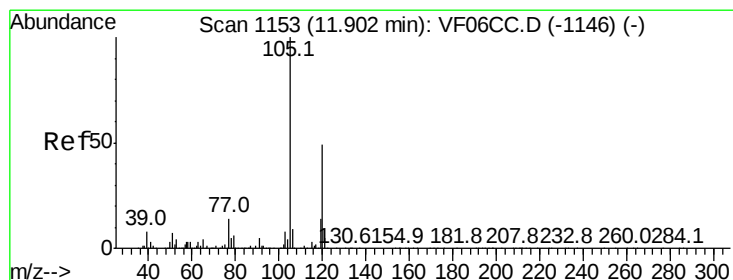
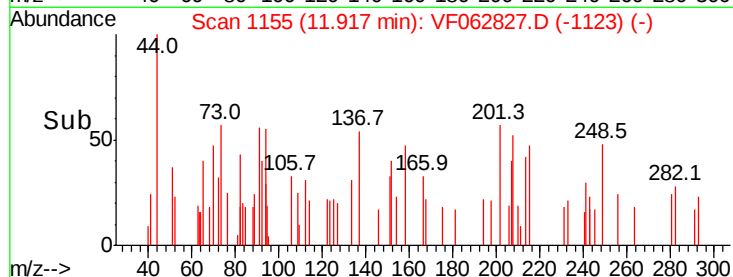
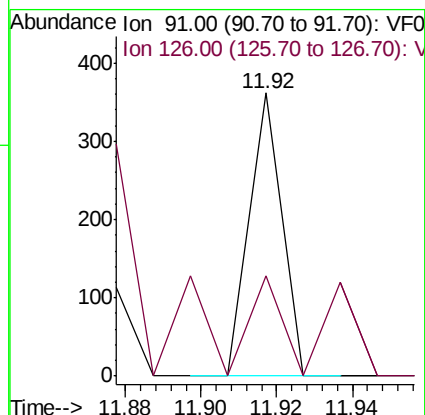
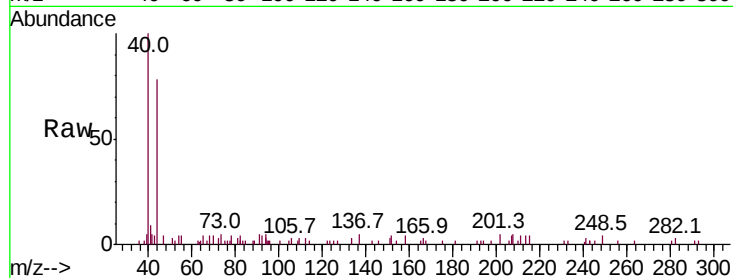




#79
2-Chlorotoluene
Concen: 55.490 ug/l
RT: 11.92 min Scan# 1155
Delta R.T. 0.11 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

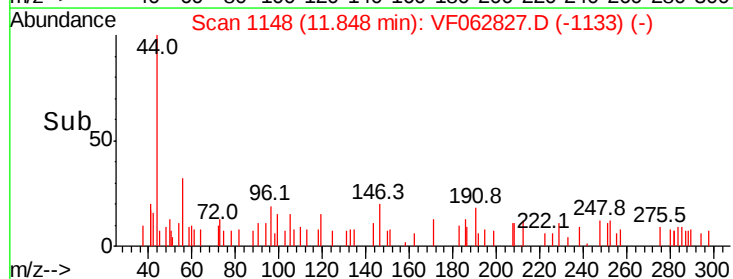
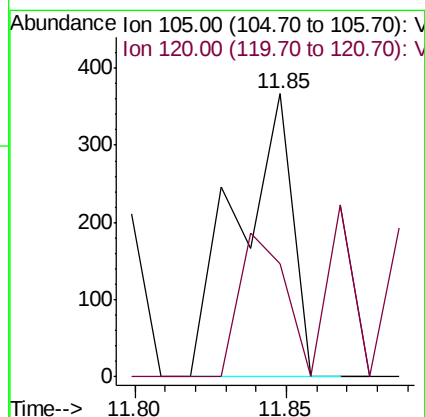
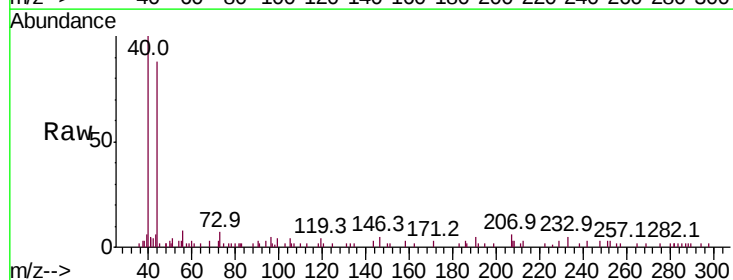
Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

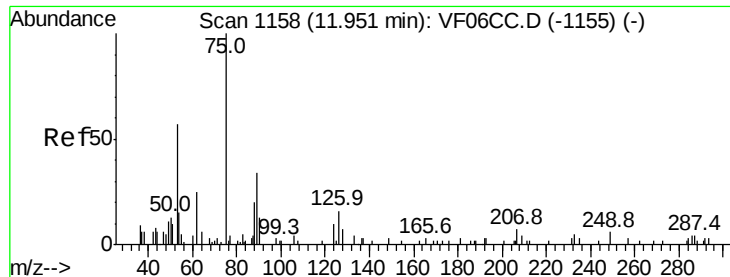
Tot Ion: 91 Resp: 214
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 100.986 ug/l
RT: 11.85 min Scan# 1148
Delta R.T. -0.06 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion: 105 Resp: 461
Ion Ratio Lower Upper
105 100
120 40.1 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 1222.601 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.03 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

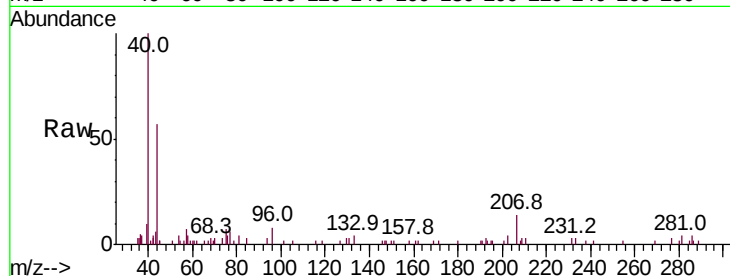
Tot Ion: 75 Resp: 409

Ion Ratio Lower Upper

75 100

53 0.0 43.5 65.3#

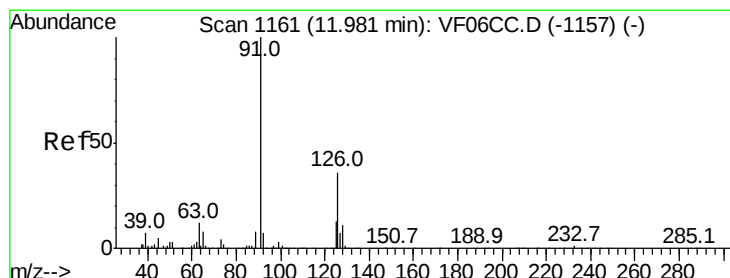
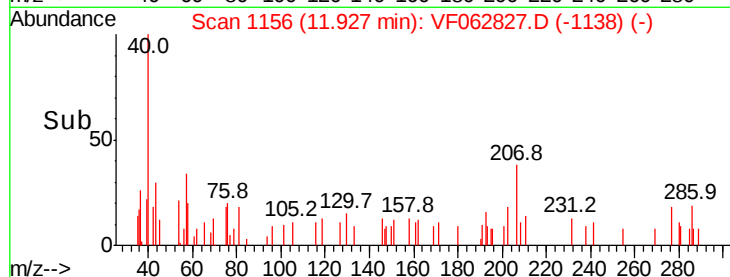
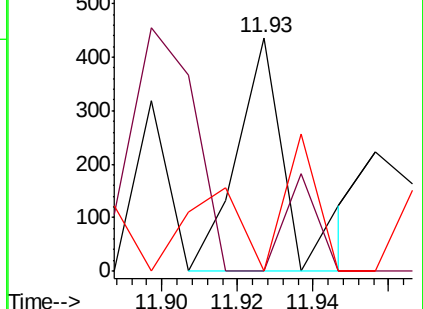
89 0.0 34.3 51.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 56.464 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. -0.07 min

Lab File: VF062827.D

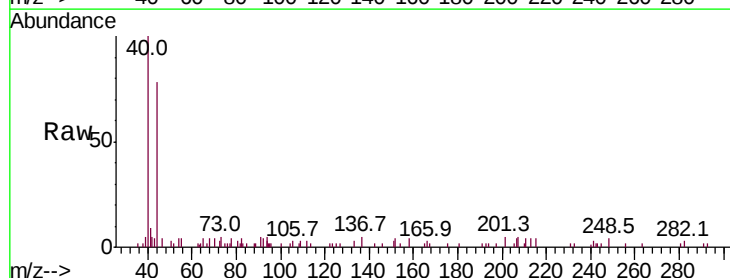
Acq: 3 Jun 2019 14:28

Tgt Ion: 91 Resp: 214

Ion Ratio Lower Upper

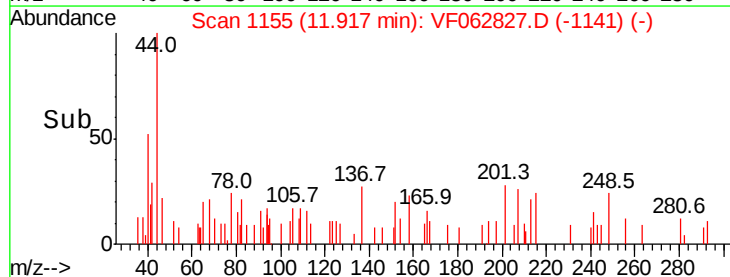
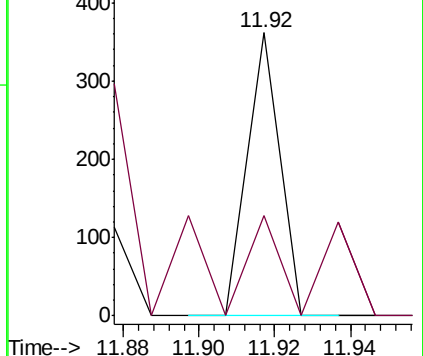
91 100

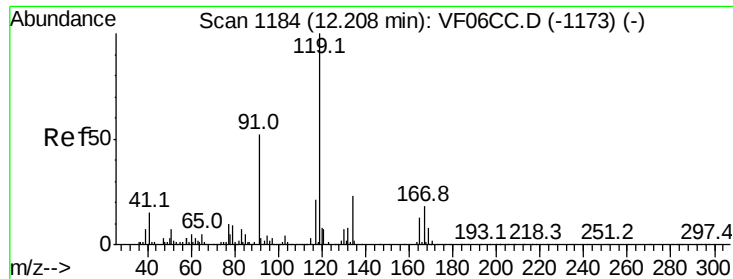
126 35.4 19.1 57.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#83

tert-Butylbenzene

Concen: 23.213 ug/l

RT: 12.21 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

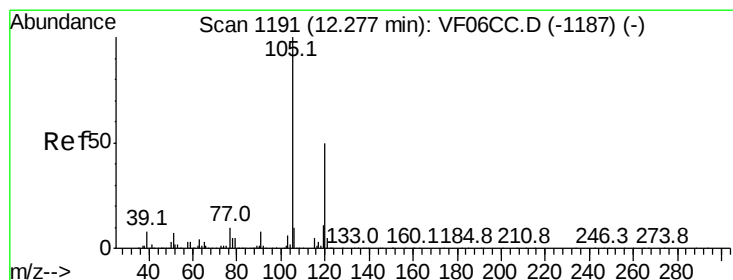
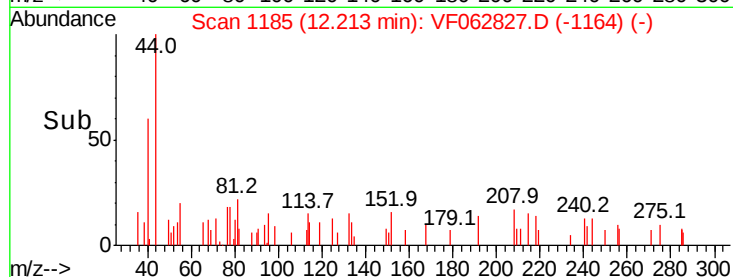
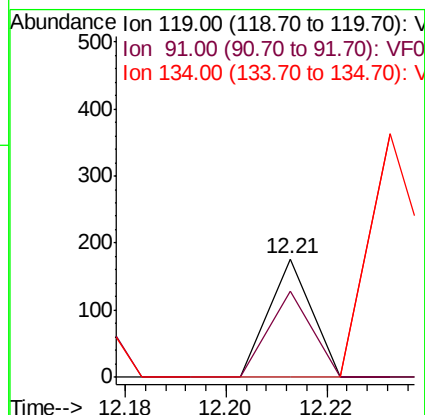
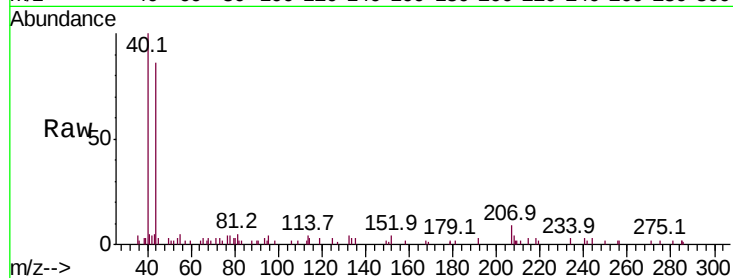
Tot Ion:119 Resp: 105

Ion Ratio Lower Upper

119 100

91 72.3 28.9 86.7

134 0.0 14.3 42.9#



#84

1,2,4-Trimethylbenzene

Concen: 99.580 ug/l

RT: 12.26 min Scan# 1190

Delta R.T. -0.02 min

Lab File: VF062827.D

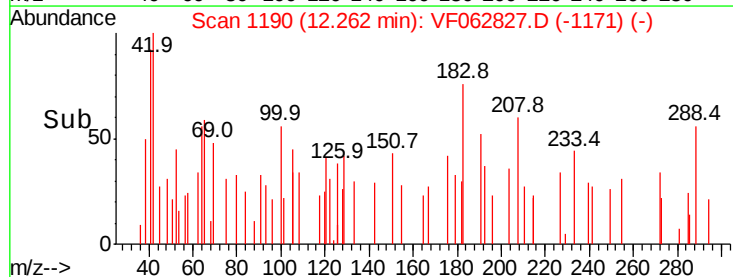
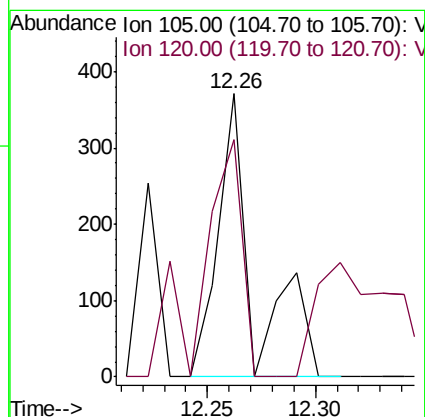
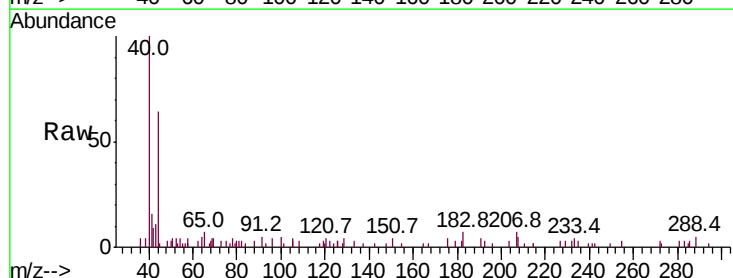
Acq: 3 Jun 2019 14:28

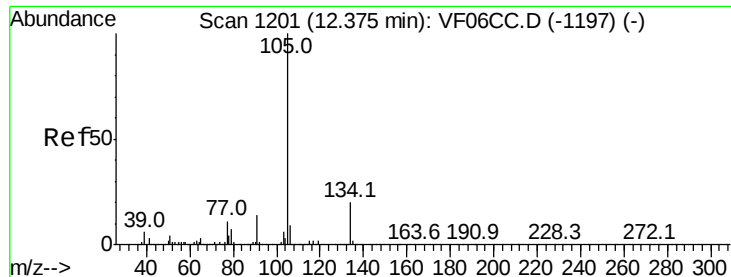
Tgt Ion:105 Resp: 431

Ion Ratio Lower Upper

105 100

120 83.8 27.1 81.3#





#85

sec-Butylbenzene

Concen: 62.413 ug/l

RT: 12.36 min Scan# 1200

Delta R.T. -0.02 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

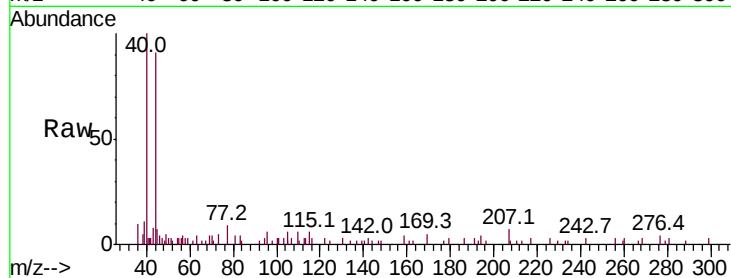
0423-HR-3(HACKENSACK)

Tot Ion:105 Resp: 372

Ion Ratio Lower Upper

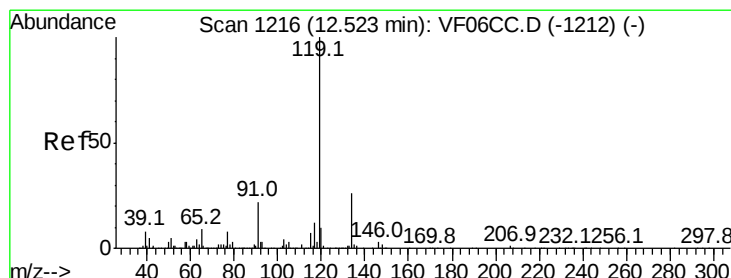
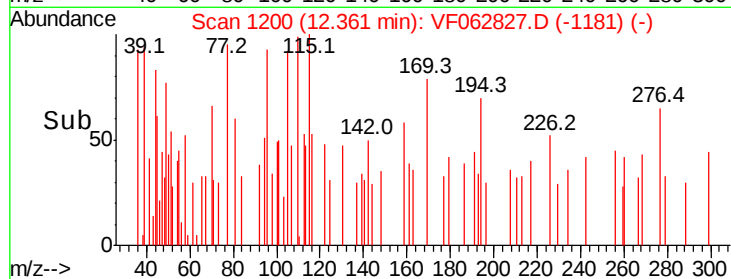
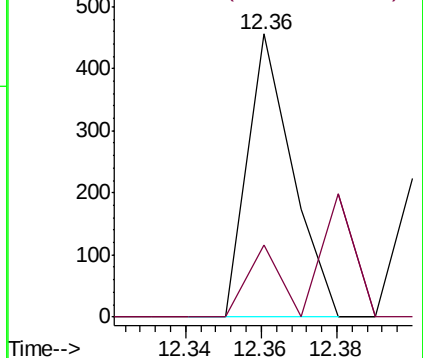
105 100

134 25.7 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: 12.296 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

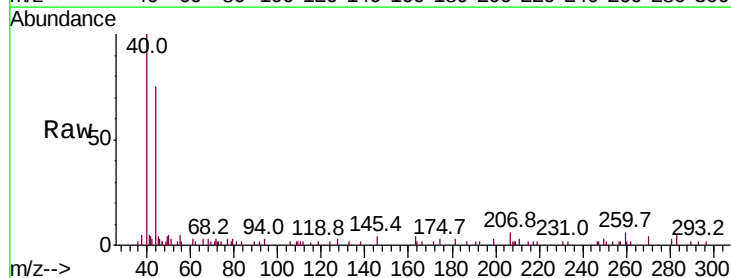
Tgt Ion:119 Resp: 61

Ion Ratio Lower Upper

119 100

134 0.0 15.5 46.5#

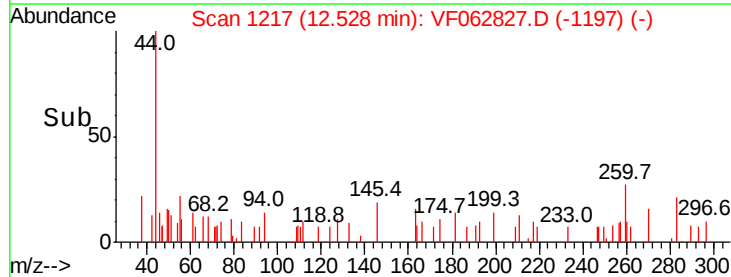
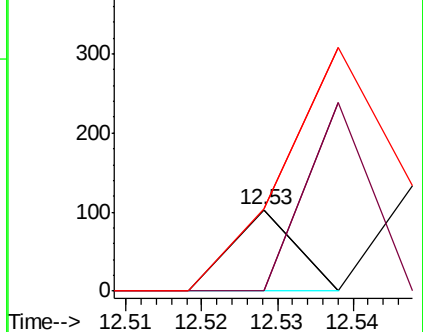
91 101.9 10.3 30.9#

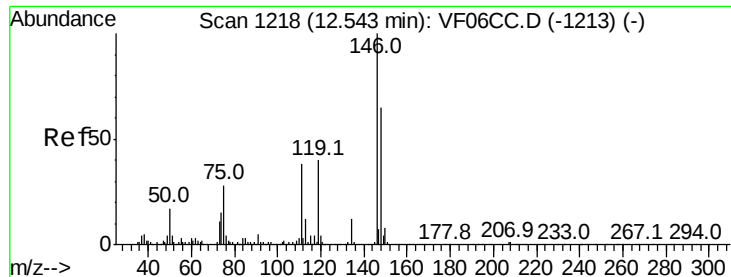


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 80.451 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

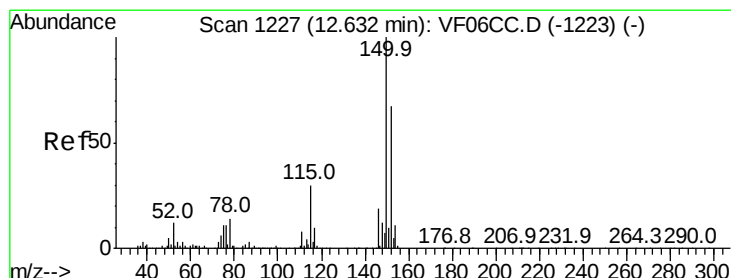
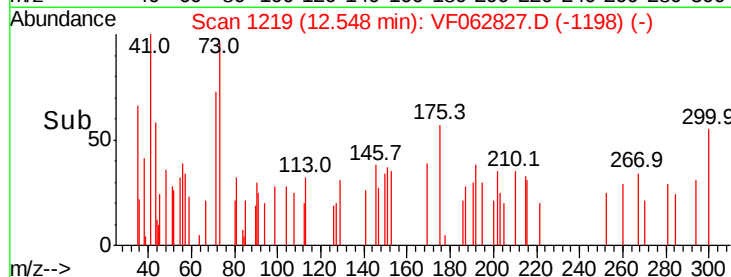
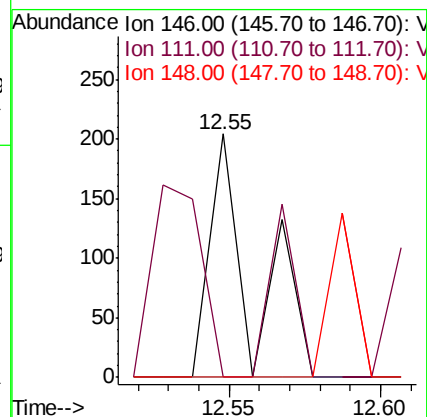
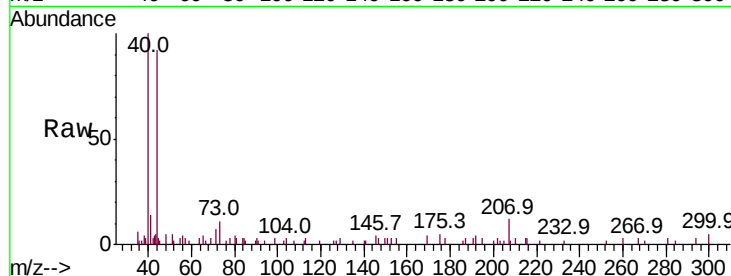
Tot Ion:146 Resp: 199

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: 30.324 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

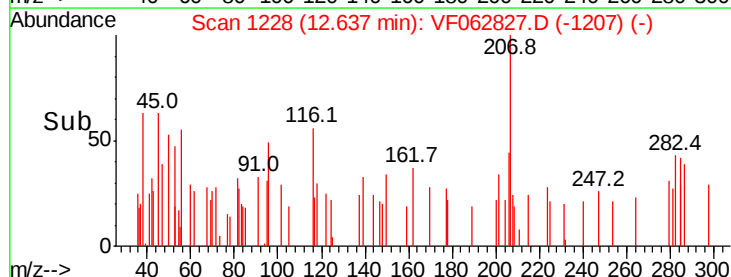
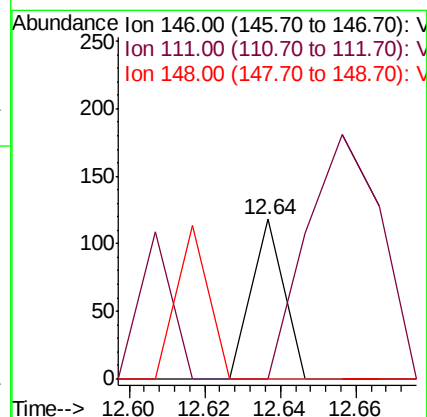
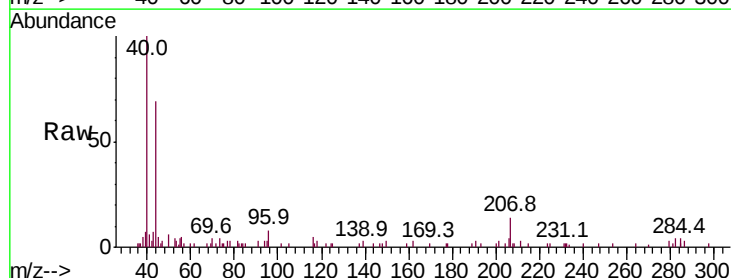
Tgt Ion:146 Resp: 70

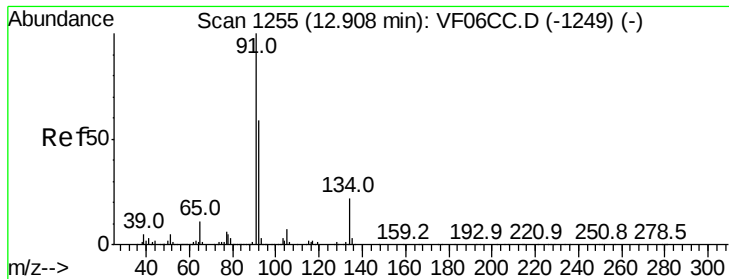
Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.9#

148 0.0 34.0 101.8#





#89

n-Butylbenzene

Concen: 15.229 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

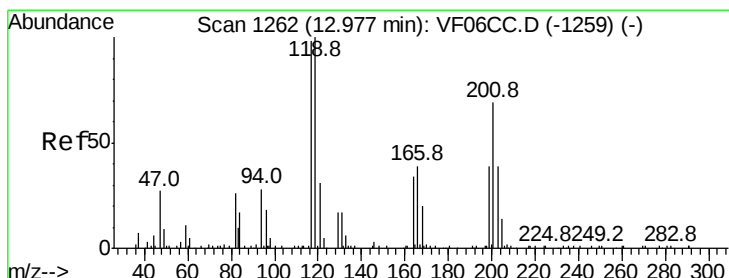
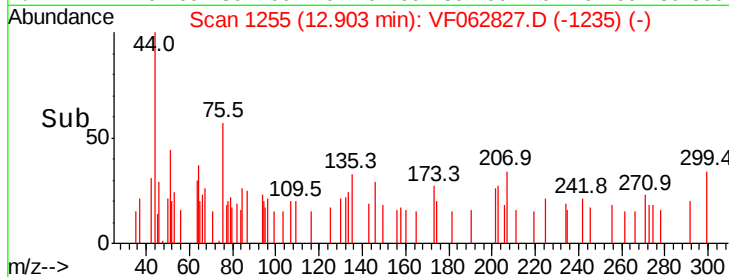
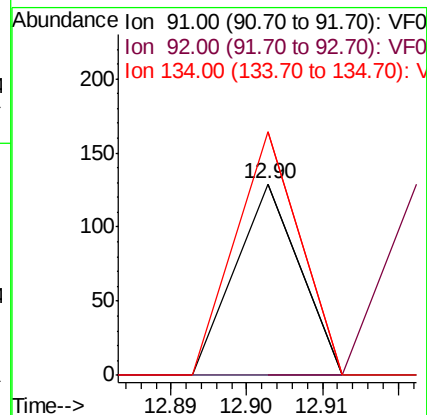
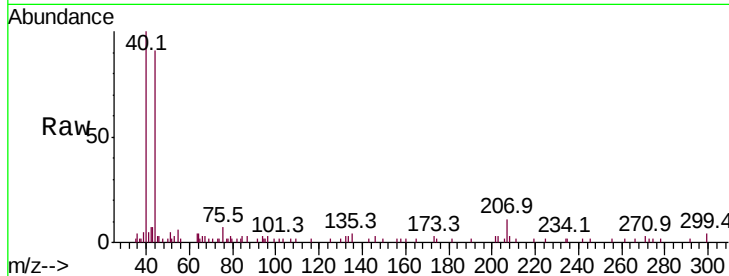
Tot Ion: 91 Resp: 76

Ion Ratio Lower Upper

91 100

92 0.0 34.2 102.6#

134 127.1 15.8 47.3#



#90

Hexachloroethane

Concen: 266.942 ug/l

RT: 12.96 min Scan# 1261

Delta R.T. -0.03 min

Lab File: VF062827.D

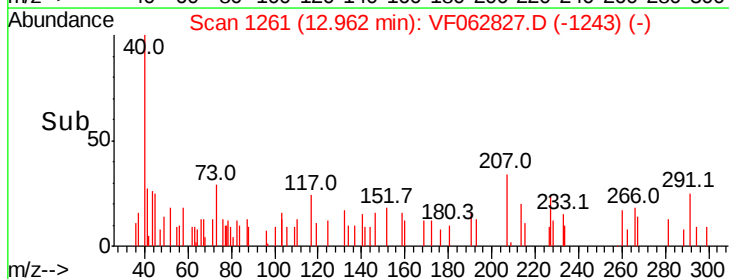
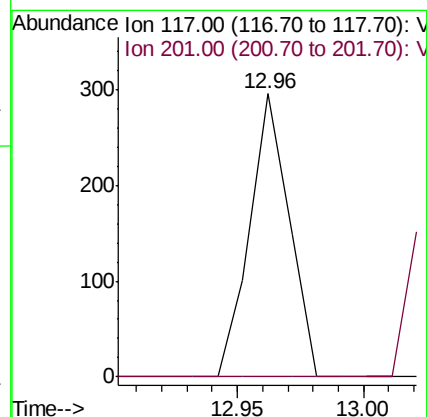
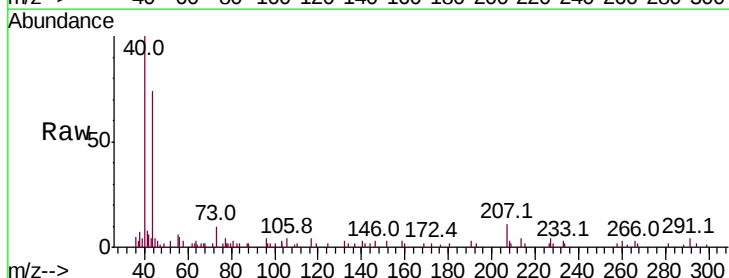
Acq: 3 Jun 2019 14:28

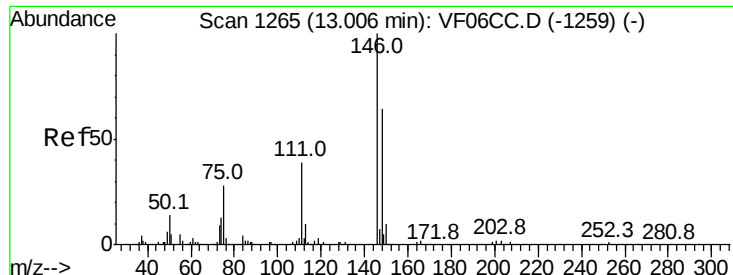
Tgt Ion: 117 Resp: 323

Ion Ratio Lower Upper

117 100

201 0.0 38.9 116.7#

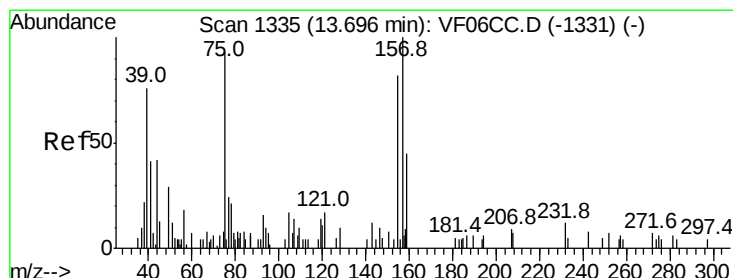
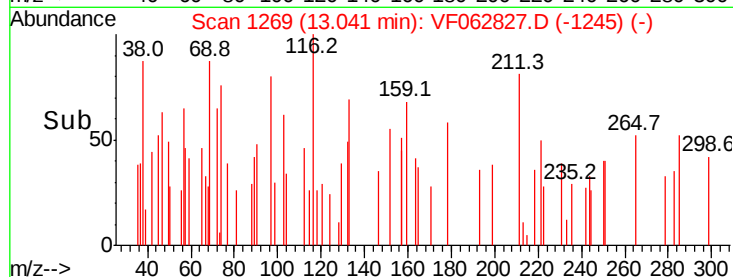
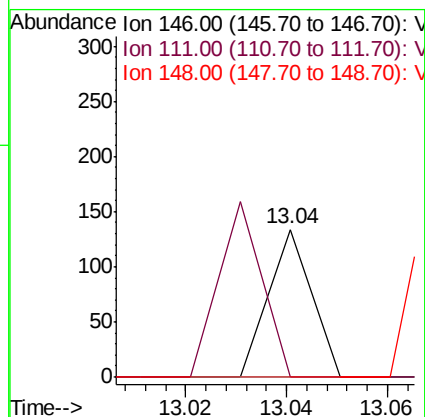
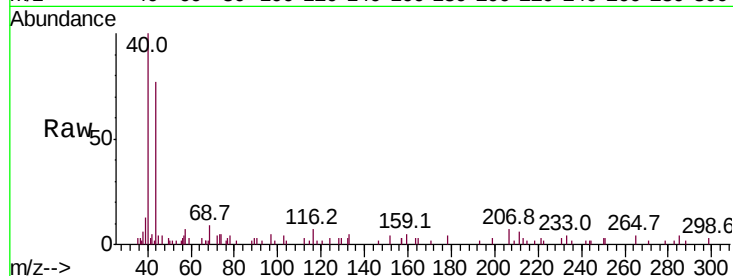




#91
 1,2-Dichlorobenzene
 Concen: 36.337 ug/l
 RT: 13.04 min Scan# 1269
 Delta R.T. 0.03 min
 Lab File: VF062827.D
 Acq: 3 Jun 2019 14:28

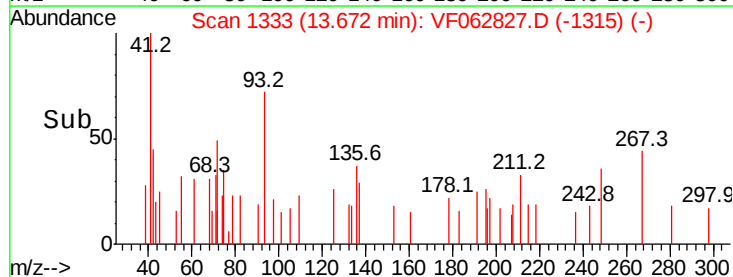
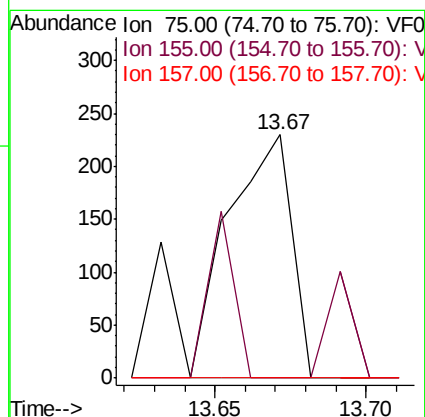
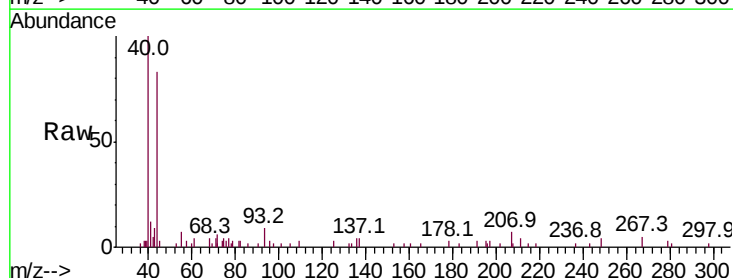
Instrument :
 MSVOA_F
 ClientSampleId :
 0423-HR-3(HACKENSACK)

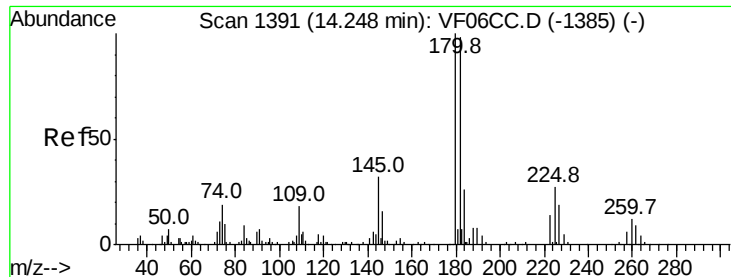
Tot Ion:146 Resp: 79
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.4 61.3#
 148 0.0 34.1 102.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2571.771 ug/l
 RT: 13.67 min Scan# 1333
 Delta R.T. -0.03 min
 Lab File: VF062827.D
 Acq: 3 Jun 2019 14:28

Tgt Ion: 75 Resp: 334
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.7 155.1#
 157 50.0 66.8 200.6#

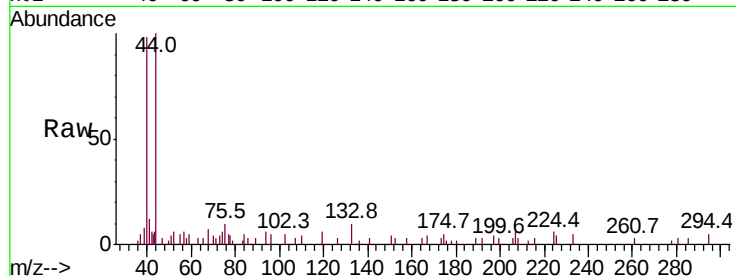




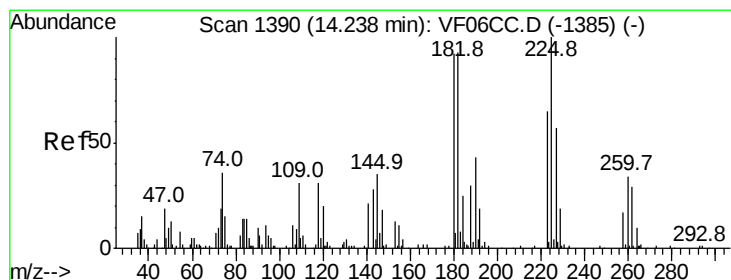
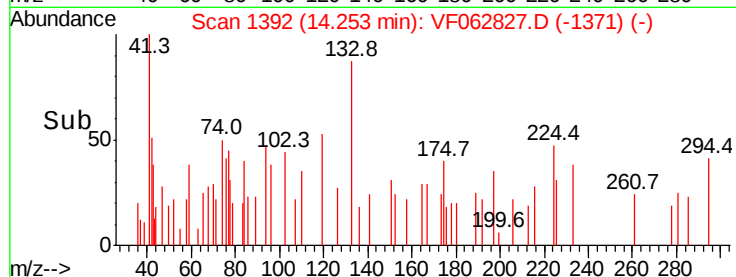
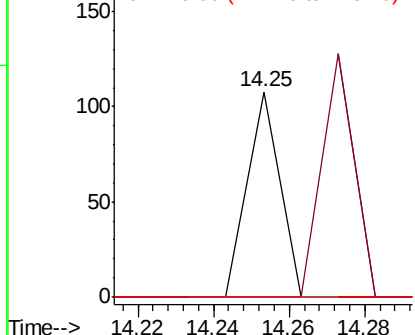
#93
1,2,4-Trichlorobenzene
Concen: 42.873 ug/l
RT: 14.25 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
0423-HR-3(HACKENSACK)

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

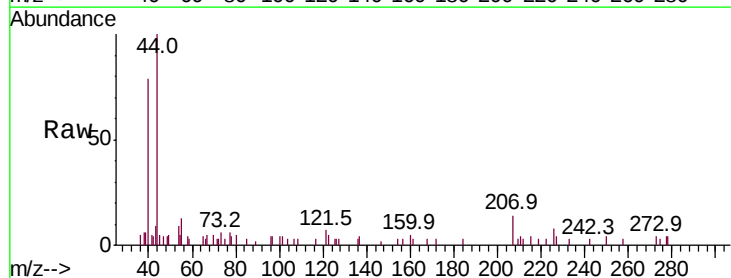


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

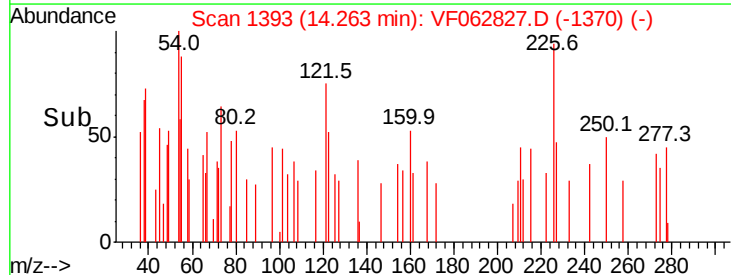
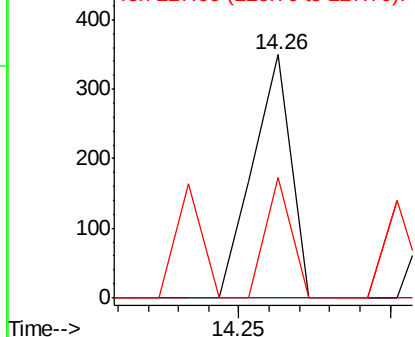


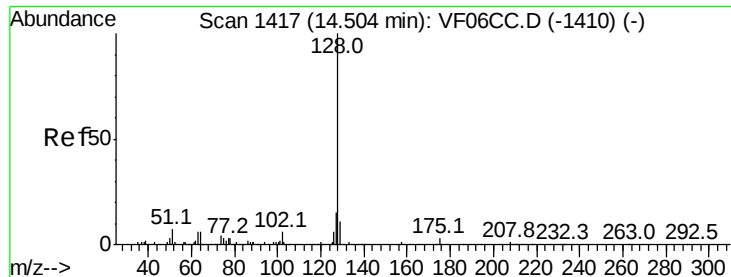
#94
Hexachlorobutadiene
Concen: 296.309 ug/l
RT: 14.26 min Scan# 1393
Delta R.T. 0.02 min
Lab File: VF062827.D
Acq: 3 Jun 2019 14:28

Tgt Ion:225 Resp: 306
Ion Ratio Lower Upper
225 100
223 0.0 30.8 92.4#
227 49.4 31.9 95.5



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 94.455 ug/l

RT: 14.48 min Scan# 1415

Delta R.T. -0.03 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

0423-HR-3(HACKENSACK)

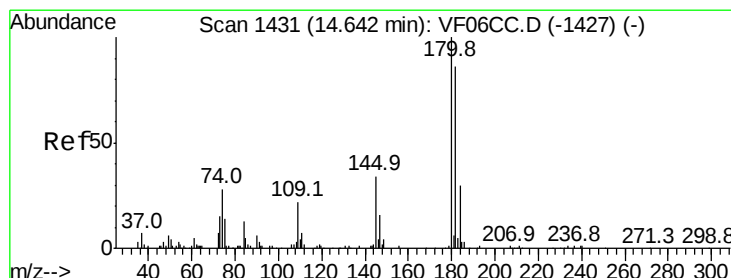
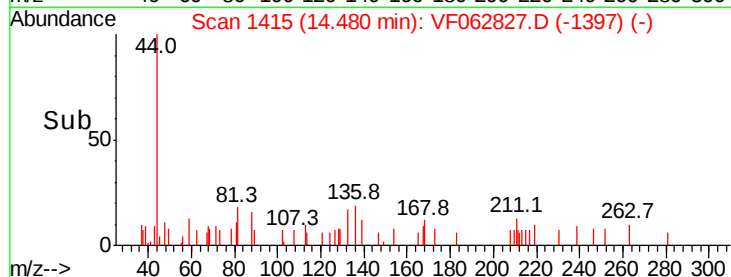
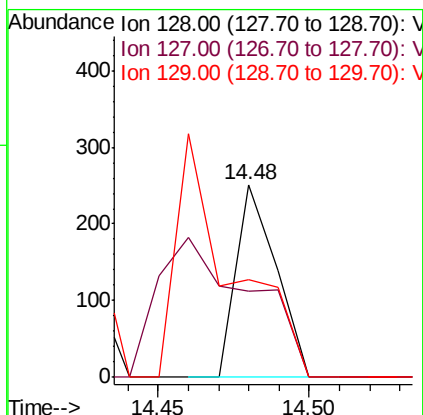
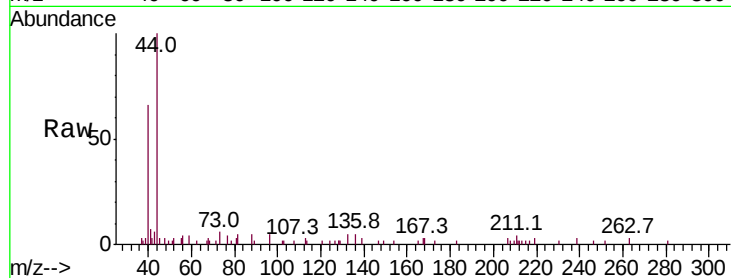
Tot Ion:128 Resp: 231

Ion Ratio Lower Upper

128 100

127 45.0 9.7 14.5#

129 51.0 9.4 14.2#



#96

1,2,3-Trichlorobenzene

Concen: 44.032 ug/l

RT: 14.67 min Scan# 1434

Delta R.T. 0.02 min

Lab File: VF062827.D

Acq: 3 Jun 2019 14:28

Tgt Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 0.0 15.7 47.0#

