

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060719\
 Data File : VF062896.D
 Acq On : 7 Jun 2019 13:28
 Operator : FY/SY
 Sample : VF0607SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 08 00:38:15 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	5.07	168	775189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1304849	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	1037946	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	519901	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	262284	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
35) Dibromofluoromethane	4.32	113	488394	49.53	ug/l	-0.02
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	7.72	98	1204804	48.32	ug/l	-0.02
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.50	95	469948	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	221305	22.897	ug/l	95
3) Chloromethane	1.15	50	197537	24.628	ug/l	91
4) Vinyl Chloride	1.19	62	184901	23.198	ug/l	96
5) Bromomethane	1.40	94	96192	21.161	ug/l	90
6) Chloroethane	1.45	64	59894	20.098	ug/l	96
7) Trichlorofluoromethane	1.57	101	212325	18.817	ug/l	98
8) Diethyl Ether	1.71	74	49736	22.403	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	1.92	101	146682	20.676	ug/l	95
10) Methyl Iodide	1.99	142	312691	21.983	ug/l	96
11) Tert butyl alcohol	2.71	59	38195	117.620	ug/l #	94
12) 1,1-Dichloroethene	1.88	96	138236	21.459	ug/l	92
13) Acrolein	2.24	56	713	Below Cal		84
14) Allyl chloride	2.21	41	114928	22.997	ug/l #	87
15) Acrylonitrile	3.09	53	104861	85.937	ug/l #	90
16) Acetone	2.36	43	130446	106.322	ug/l	95
17) Carbon Disulfide	1.93	76	399489	21.218	ug/l	99
18) Methyl Acetate	2.46	43	50853	23.719	ug/l #	86
19) Methyl tert-butyl Ether	2.55	73	262148	22.462	ug/l	98
20) Methylene Chloride	2.36	84	113945	16.548	ug/l	94
21) trans-1,2-Dichloroethene	2.42	96	138837	21.495	ug/l	91
22) Diisopropyl ether	2.95	45	326333	22.984	ug/l	92
23) Vinyl Acetate	3.35	43	1167116	120.069	ug/l	99
24) 1,1-Dichloroethane	3.02	63	245433	23.151	ug/l	98
25) 2-Butanone	4.53	43	307080	107.477	ug/l	100
26) 2,2-Dichloropropane	3.78	77	151891	25.234	ug/l	91
27) cis-1,2-Dichloroethene	3.66	96	248590	22.897	ug/l	91
28) Bromochloromethane	3.91	49	125003	21.677	ug/l	91
29) Tetrahydrofuran	4.28	42	128782	117.848	ug/l	98
30) Chloroform	4.06	83	343628	22.999	ug/l	98
31) Cyclohexane	3.88	56	295836	20.612	ug/l	97
32) 1,1,1-Trichloroethane	4.30	97	224875	25.850	ug/l	97
36) 1,1-Dichloropropene	4.48	75	272470	22.683	ug/l	97
37) Ethyl Acetate	4.32	43	107724	23.460	ug/l	95
38) Carbon Tetrachloride	4.19	117	185865	22.894	ug/l	93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	320039	21.407	ug/l	98
40) Benzene	4.83	78	784626	22.443	ug/l	95
41) Methacrylonitrile	4.95	41	57386	22.480	ug/l	94
42) 1,2-Dichloroethane	5.14	62	150722	22.668	ug/l	90
43) Isopropyl Acetate	7.13	43	129931	21.420	ug/l #	99
44) Trichloroethene	5.69	130	213554	21.644	ug/l	98
45) 1,2-Dichloropropane	6.42	63	202229	23.051	ug/l	98
46) Dibromomethane	6.27	93	118726	23.179	ug/l	91
47) Bromodichloromethane	6.56	83	229225	21.974	ug/l	97
48) Methyl methacrylate	6.88	41	68645	21.958	ug/l	85
49) 1,4-Dioxane	6.88	88	18085	438.888	ug/l #	77
51) 4-Methyl-2-Pentanone	8.41	43	544539	125.739	ug/l	94
52) Toluene	7.79	92	414517	22.014	ug/l	87
53) t-1,3-Dichloropropene	8.43	75	215916	24.978	ug/l	95
54) cis-1,3-Dichloropropene	7.46	75	266534	21.301	ug/l	100
55) 1,1,2-Trichloroethane	8.64	97	127236	22.618	ug/l	94
56) Ethyl methacrylate	8.76	69	134208	22.235	ug/l	95
57) 1,3-Dichloropropane	9.00	76	224518	24.440	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.46	63	220238	104.403	ug/l	96
59) 2-Hexanone	9.63	43	400023	129.592	ug/l	99
60) Dibromochloromethane	8.87	129	154043	22.118	ug/l	98
61) 1,2-Dibromoethane	9.14	107	138563	23.717	ug/l	98
64) Tetrachloroethene	8.31	164	175434	21.995	ug/l	95
65) Chlorobenzene	9.94	112	462072	23.052	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.06	131	175226	21.950	ug/l	99
67) Ethyl Benzene	10.03	91	803487	23.359	ug/l	97
68) m/p-Xylenes	10.26	106	584897	44.437	ug/l	83
69) o-Xylene	10.82	106	286030	21.463	ug/l	96
70) Styrene	10.89	104	435077	22.150	ug/l	97
71) Bromoform	10.88	173	81544	21.294	ug/l #	95
73) Isopropylbenzene	11.22	105	791629	21.822	ug/l	94
74) N-amyl acetate	11.45	43	215984	21.125	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.77	83	177843	22.957	ug/l	98
76) 1,2,3-Trichloropropane	11.87	75	112951	21.996	ug/l	92
77) Bromobenzene	11.58	156	190032	20.849	ug/l	84
78) n-propylbenzene	11.67	91	1002743	22.893	ug/l	89
79) 2-Chlorotoluene	11.80	91	544482	21.725	ug/l	98
80) 1,3,5-Trimethylbenzene	11.90	105	646641	21.797	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.94	75	60354	27.761	ug/l	92
82) 4-Chlorotoluene	11.98	91	551119	22.375	ug/l	95
83) tert-Butylbenzene	12.20	119	648663	22.066	ug/l	91
84) 1,2,4-Trimethylbenzene	12.27	105	628977	22.361	ug/l	94
85) sec-Butylbenzene	12.37	105	872869	22.535	ug/l	96
86) p-Isopropyltoluene	12.52	119	719515	22.317	ug/l	92
87) 1,3-Dichlorobenzene	12.54	146	353153	21.969	ug/l	97
88) 1,4-Dichlorobenzene	12.63	146	322801	21.517	ug/l	97
89) n-Butylbenzene	12.90	91	751296	23.165	ug/l	91
90) Hexachloroethane	12.98	117	168911	21.480	ug/l	98
91) 1,2-Dichlorobenzene	13.00	146	297183	21.033	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	18845	22.328	ug/l	85

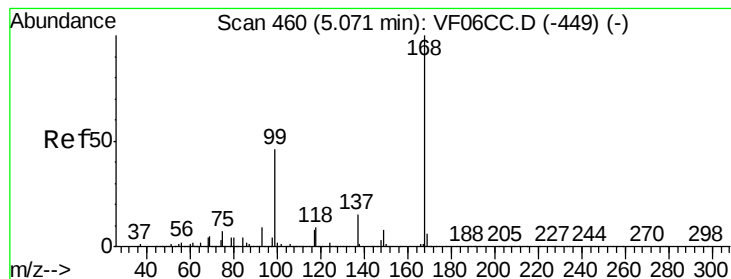
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060719\
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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	211621	21.814	ug/l	92
94) Hexachlorobutadiene	14.23	225	135429	20.179	ug/l	99
95) Naphthalene	14.50	128	318681	20.051	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	182288	20.585	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

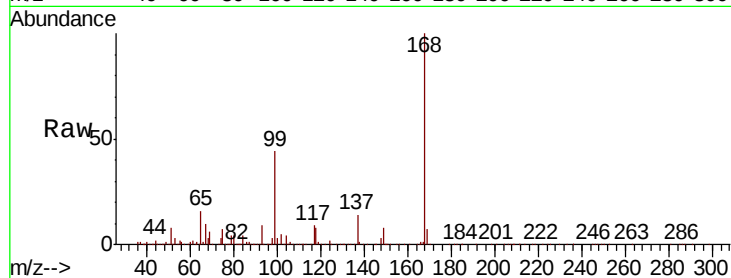
ClientSampleId :

Tot Ion:168 Resp: 775189

Ion Ratio Lower Upper

168 100

99 43.7 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

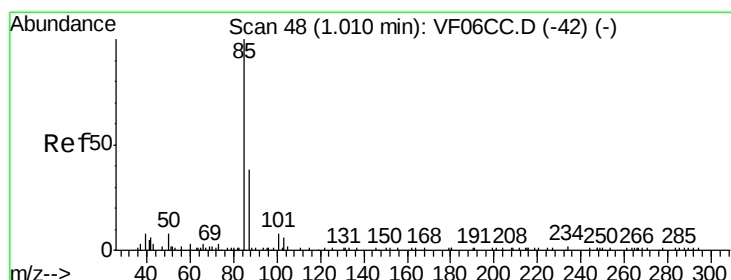
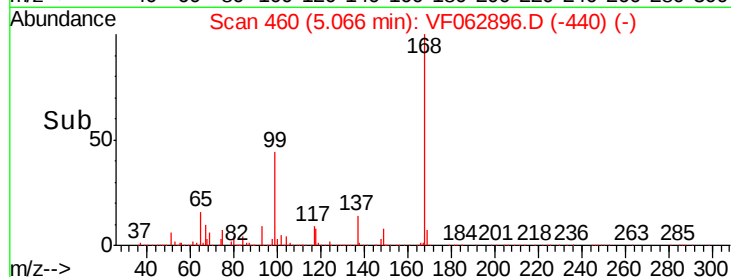
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.897 ug/l

RT: 1.01 min Scan# 49

Delta R.T. 0.00 min

Lab File: VF062896.D

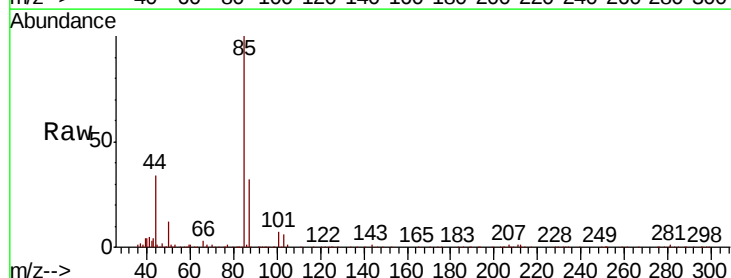
Acq: 7 Jun 2019 13:28

Tgt Ion: 85 Resp: 221305

Ion Ratio Lower Upper

85 100

87 32.2 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.01

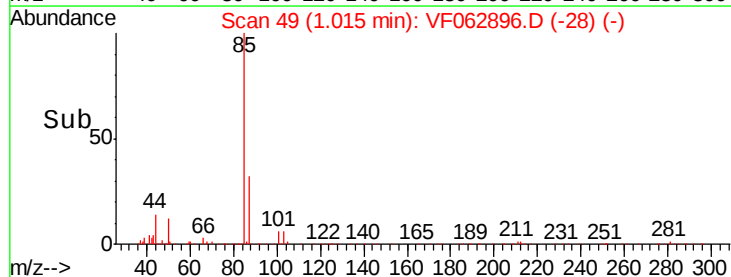
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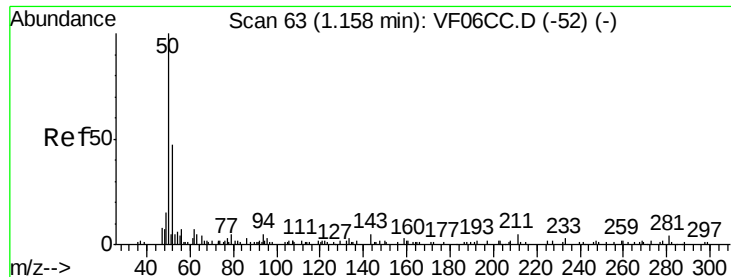
40000

20000

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Time-->





#3

Chloromethane

Concen: 24.628 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

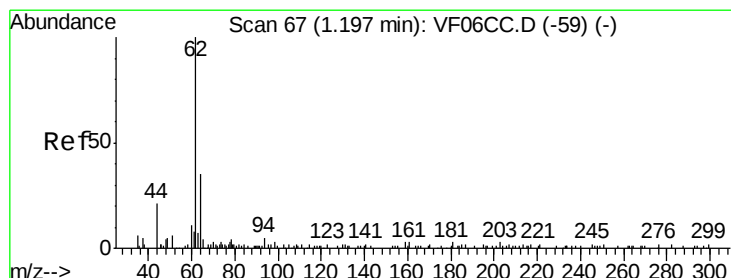
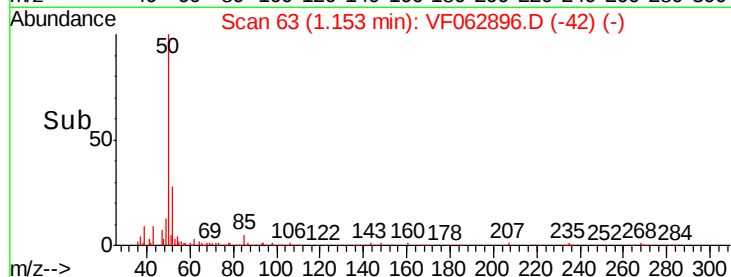
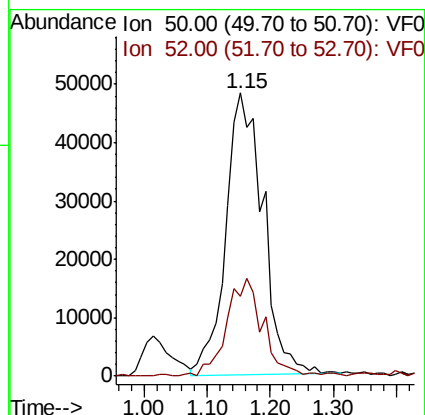
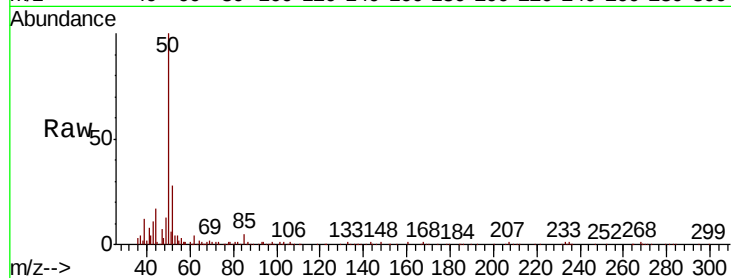
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 197537

Ion Ratio Lower Upper

50 100

52 28.3 27.0 40.4



#4

Vinyl Chloride

Concen: 23.198 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062896.D

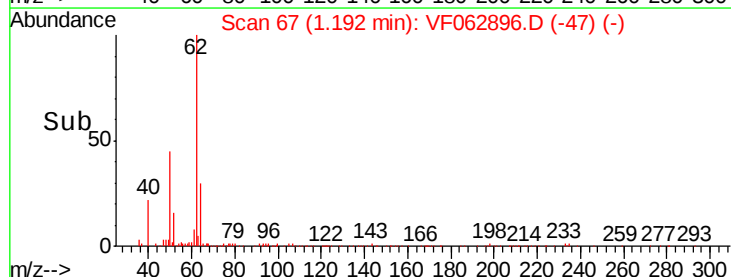
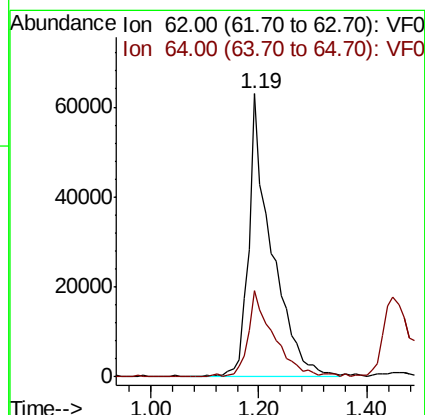
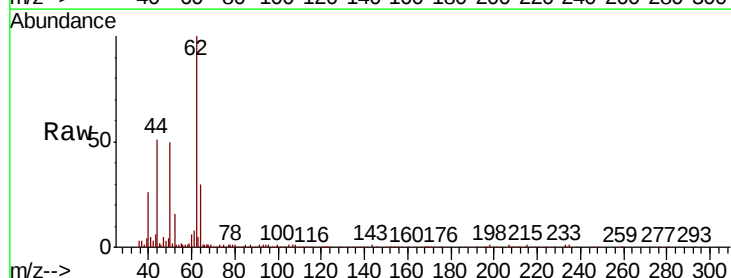
Acq: 7 Jun 2019 13:28

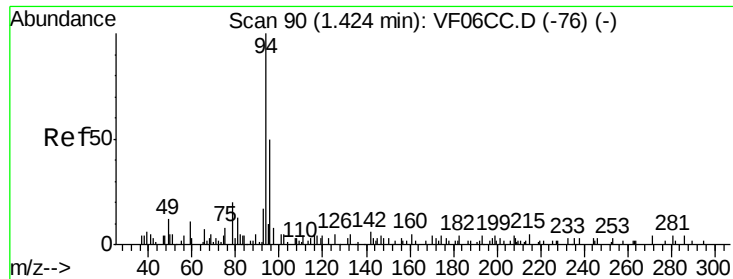
Tgt Ion: 62 Resp: 184901

Ion Ratio Lower Upper

62 100

64 30.5 26.2 39.2

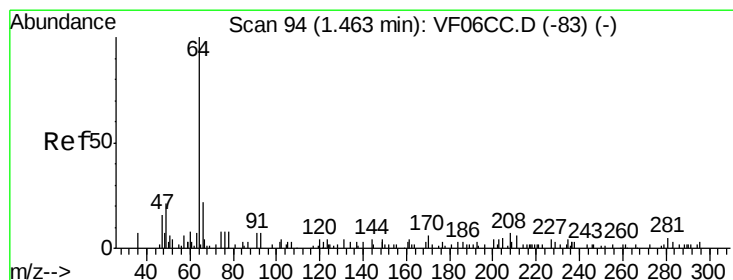
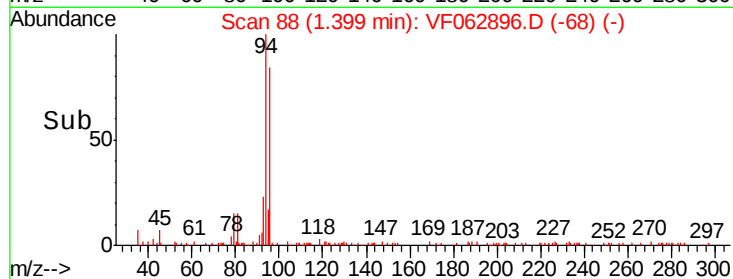
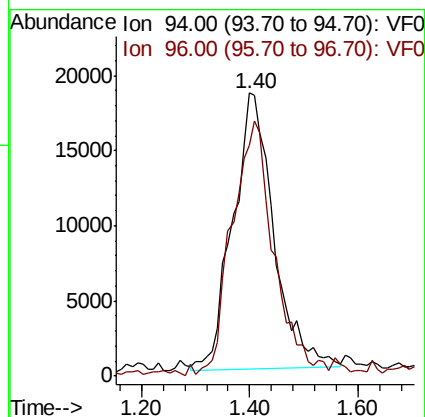
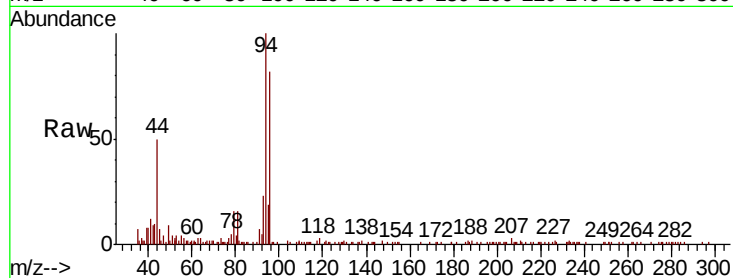




#5
Bromomethane
Concen: 21.161 ug/l
RT: 1.40 min Scan# 88
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

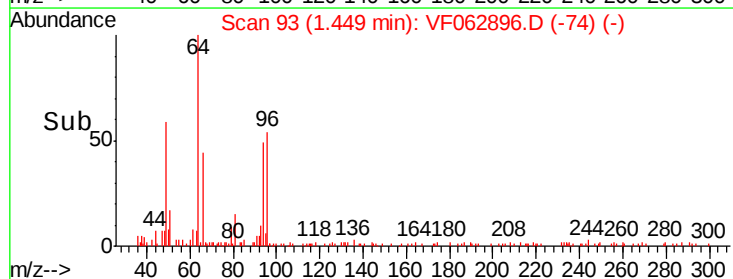
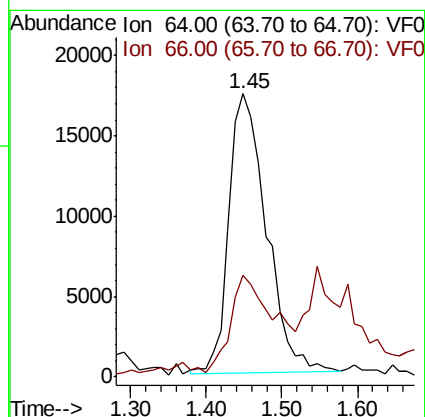
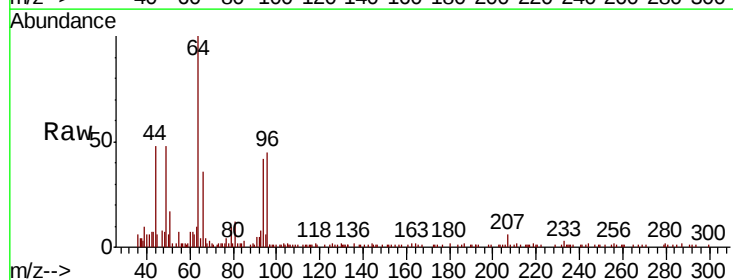
Instrument :
MSVOA_F
ClientSampleId :

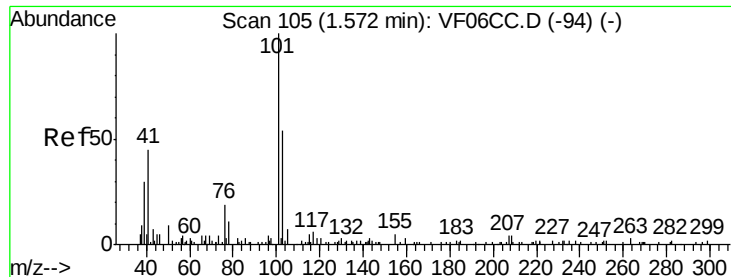
Tot Ion: 94 Resp: 96192
Ion Ratio Lower Upper
94 100
96 82.5 73.8 110.6



#6
Chloroethane
Concen: 20.098 ug/l
RT: 1.45 min Scan# 93
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 64 Resp: 59894
Ion Ratio Lower Upper
64 100
66 36.0 31.0 46.4



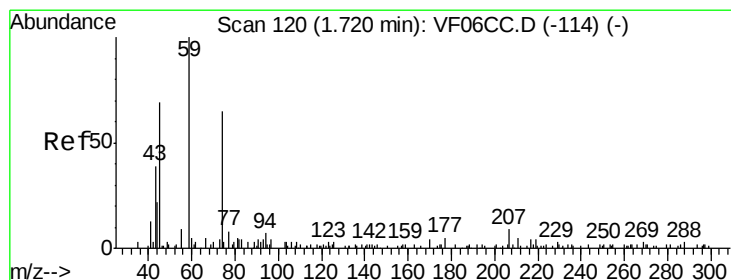
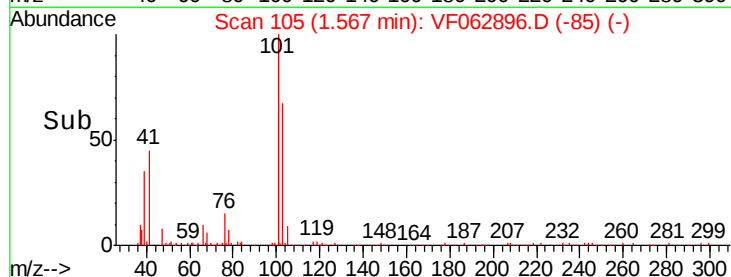
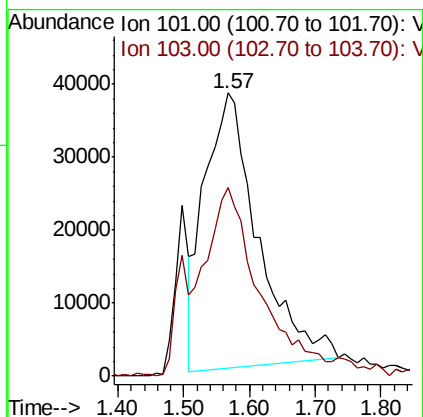
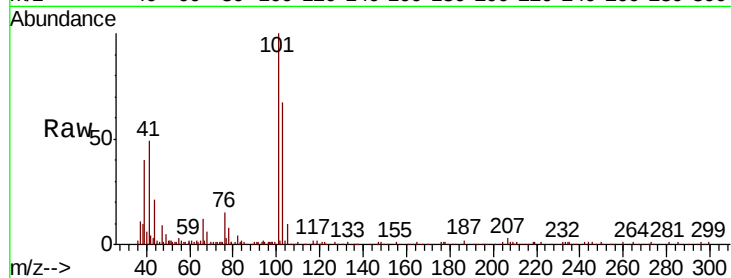


#7

Trichlorofluoromethane
Concen: 18.817 ug/l
RT: 1.57 min Scan# 105
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampled :

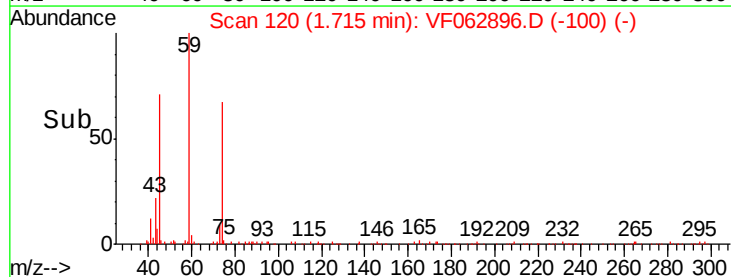
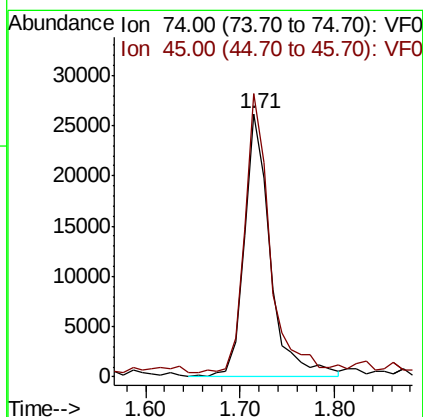
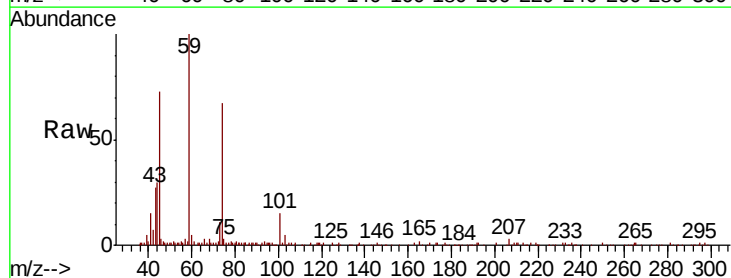
Tot Ion:101 Resp: 212325
Ion Ratio Lower Upper
101 100
103 66.6 54.6 82.0

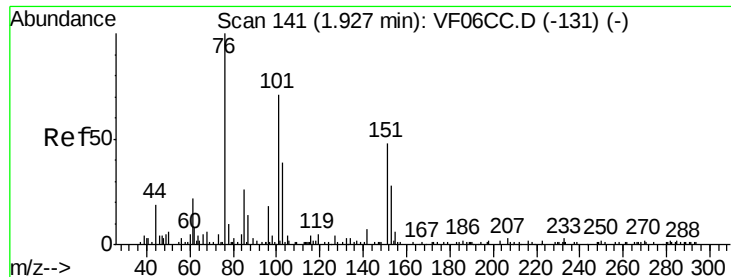


#8

Diethyl Ether
Concen: 22.403 ug/l
RT: 1.71 min Scan# 120
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 74 Resp: 49736
Ion Ratio Lower Upper
74 100
45 107.5 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.676 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

ClientSampleId :

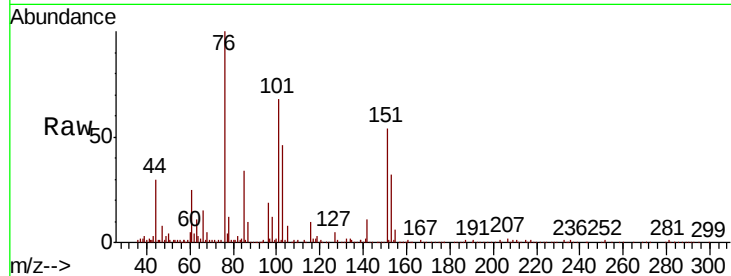
Tot Ion:101 Resp: 146682

Ion Ratio Lower Upper

101 100

85 50.3 37.1 55.7

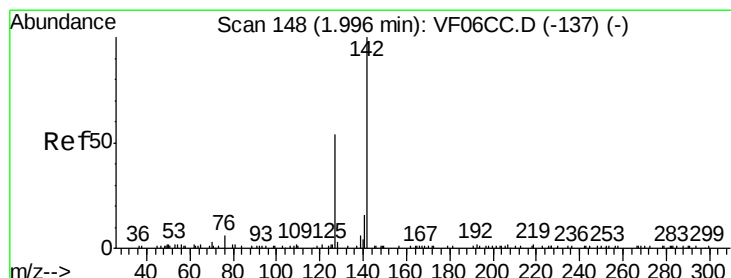
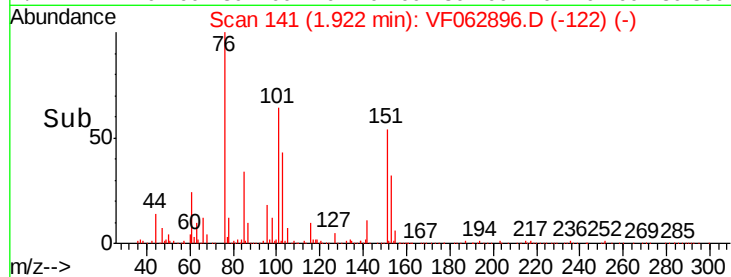
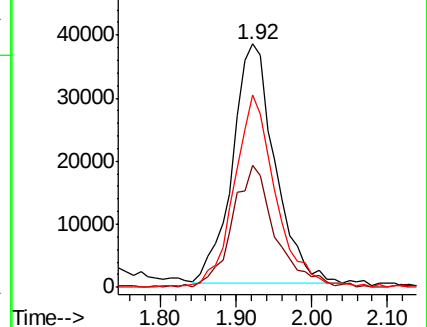
151 79.1 60.3 90.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 21.983 ug/l

RT: 1.99 min Scan# 148

Delta R.T. -0.03 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

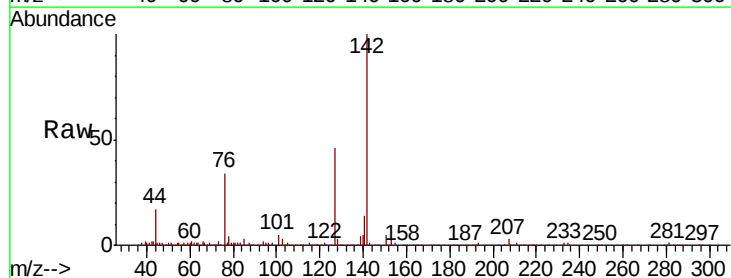
Tgt Ion:142 Resp: 312691

Ion Ratio Lower Upper

142 100

127 46.4 39.4 59.2

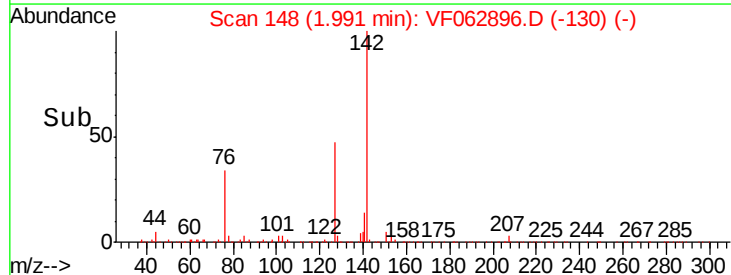
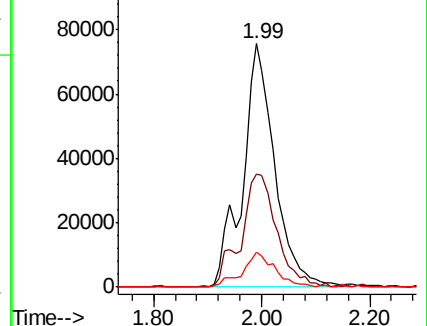
141 14.1 10.6 15.8

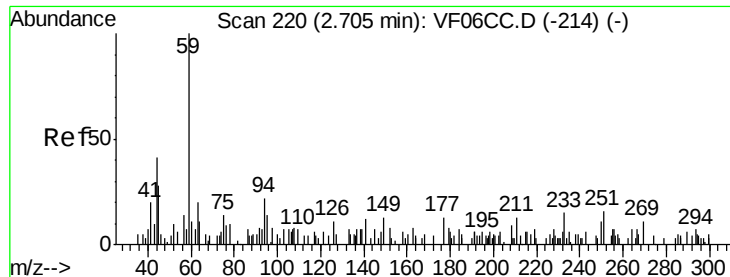


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



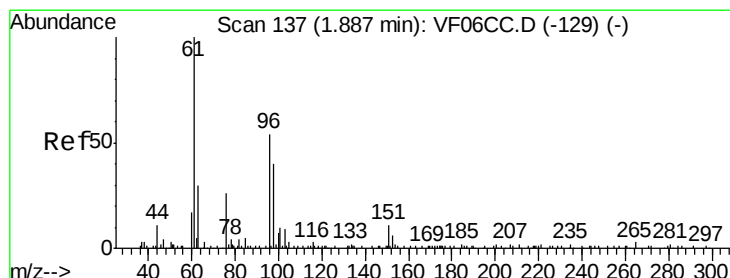
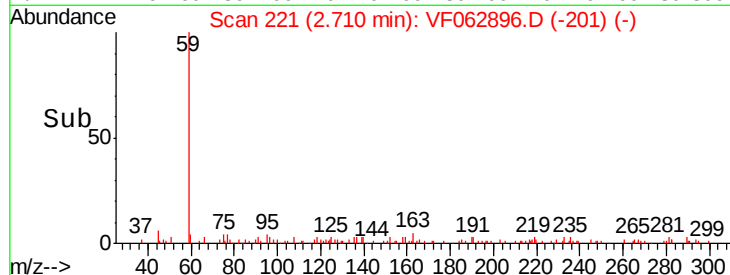
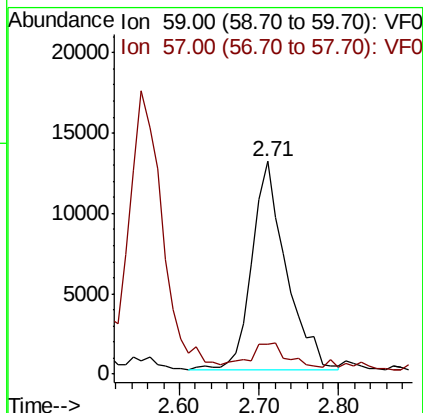
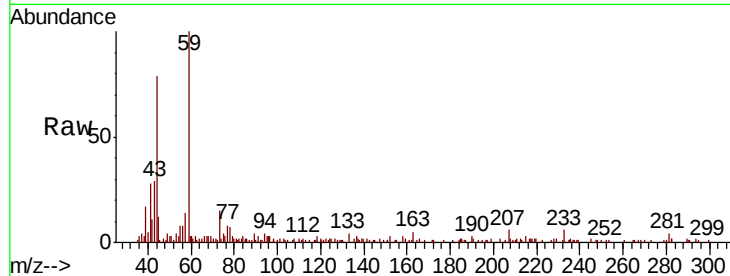


#11

Tert butyl alcohol
Concen: 117.620 ug/l
RT: 2.71 min Scan# 221
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

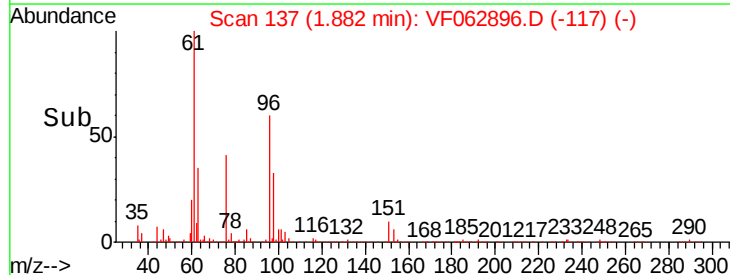
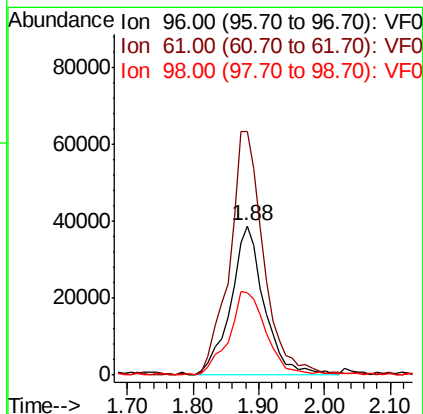
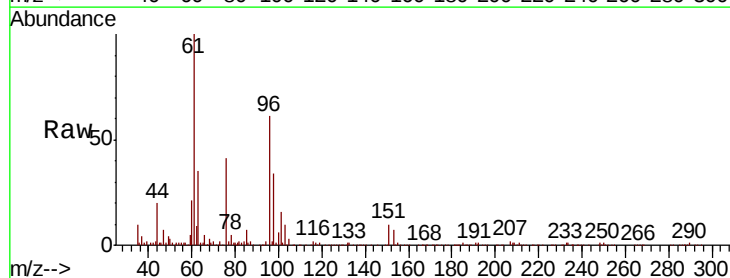
Tot Ion: 59 Resp: 38195
Ion Ratio Lower Upper
59 100
57 13.9 9.2 13.8#

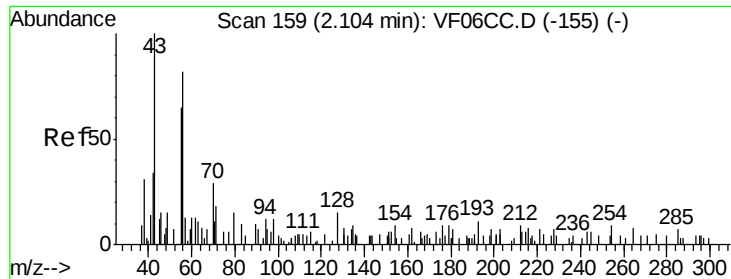


#12

1,1-Dichloroethene
Concen: 21.459 ug/l
RT: 1.88 min Scan# 137
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 96 Resp: 138236
Ion Ratio Lower Upper
96 100
61 163.5 139.4 209.2
98 57.5 50.3 75.5

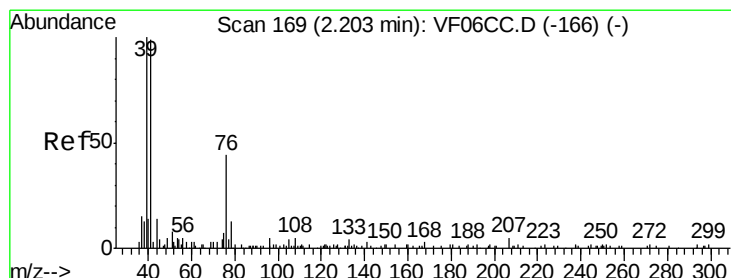
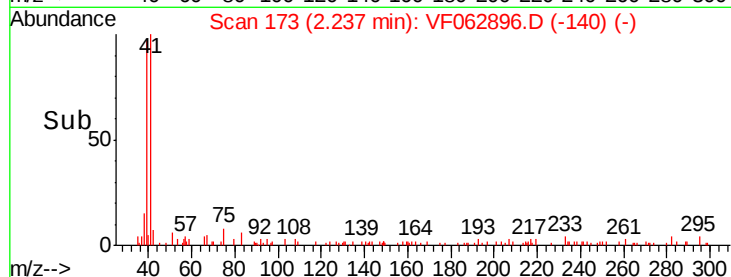
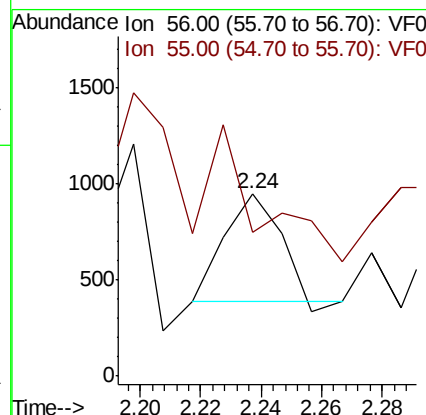
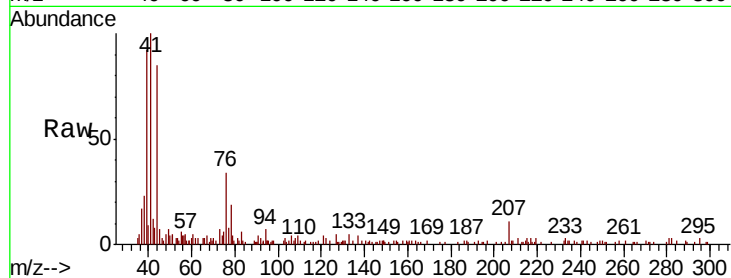




#13
Acrolein
Concen: Below Cal
RT: 2.24 min Scan# 173
Delta R.T. 0.12 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

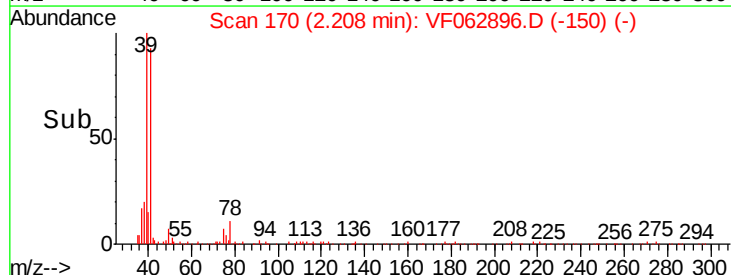
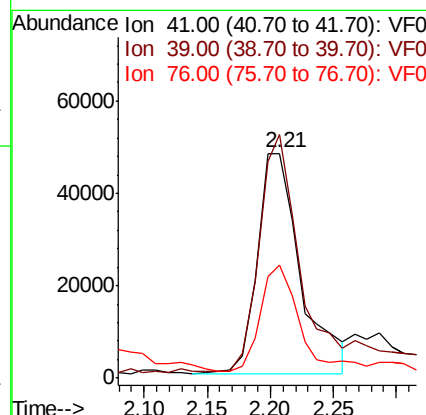
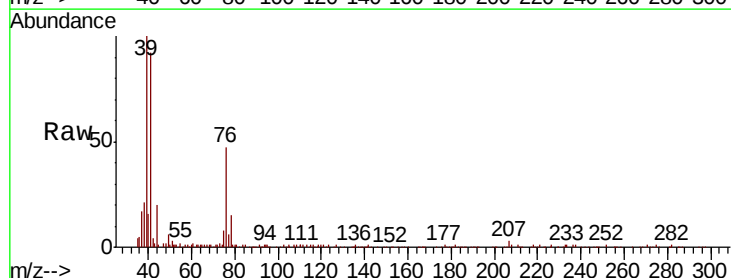
Instrument :
MSVOA_F
ClientSampleId :

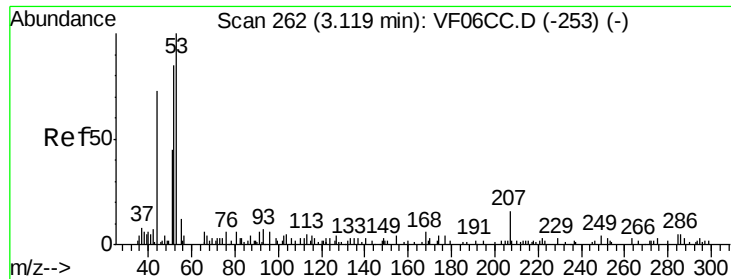
Tot Ion: 56 Resp: 713
Ion Ratio Lower Upper
56 100
55 79.1 52.9 79.3



#14
Allyl chloride
Concen: 22.997 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 41 Resp: 114928
Ion Ratio Lower Upper
41 100
39 108.3 71.9 107.9#
76 50.6 39.6 59.4

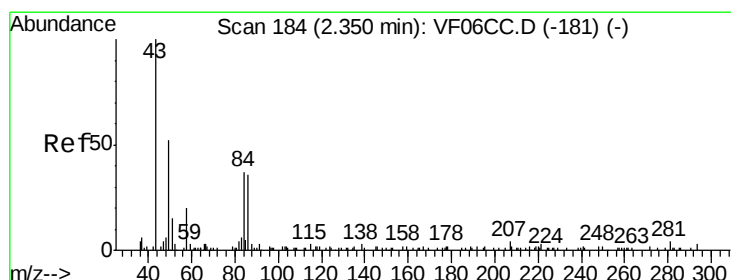
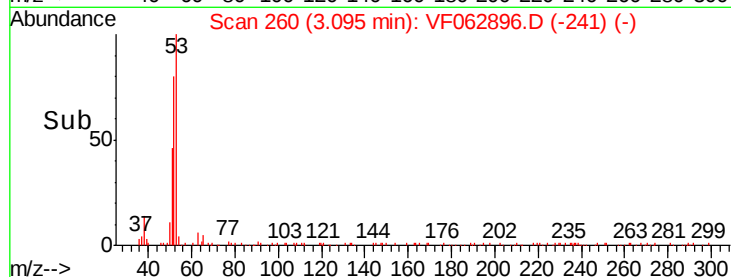
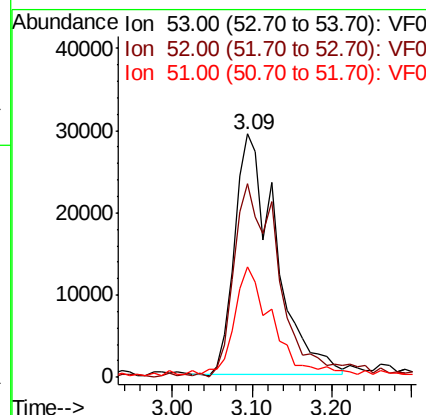
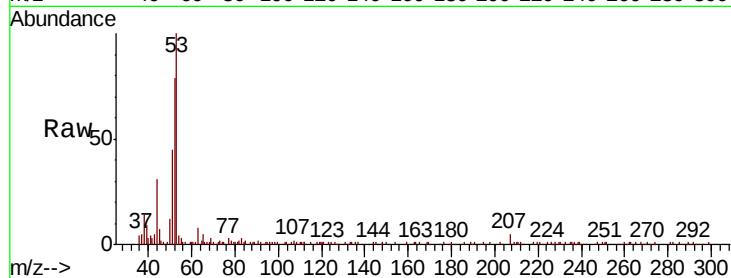




#15
 Acrylonitrile
 Concen: 85.937 ug/l
 RT: 3.09 min Scan# 260
 Delta R.T. -0.02 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

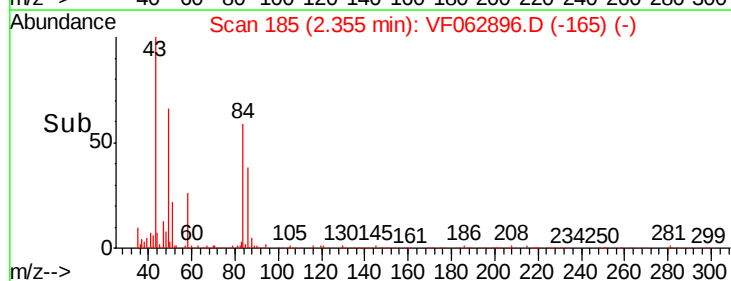
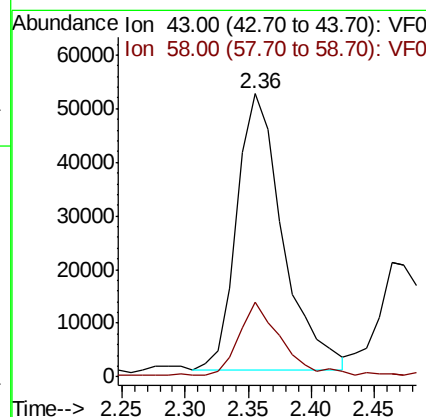
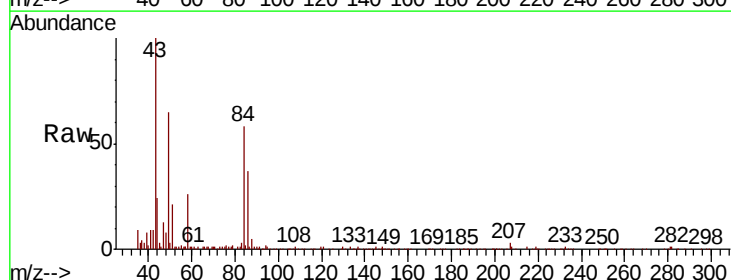
Instrument :
 MSVOA_F
 ClientSampleId :

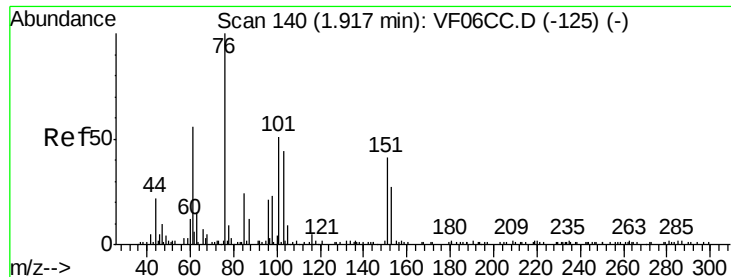
Tot Ion: 53 Resp: 104861
 Ion Ratio Lower Upper
 53 100
 52 79.4 68.1 102.1
 51 45.3 27.7 41.5#



#16
 Acetone
 Concen: 106.322 ug/l
 RT: 2.36 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

Tgt Ion: 43 Resp: 130446
 Ion Ratio Lower Upper
 43 100
 58 26.2 19.0 28.4

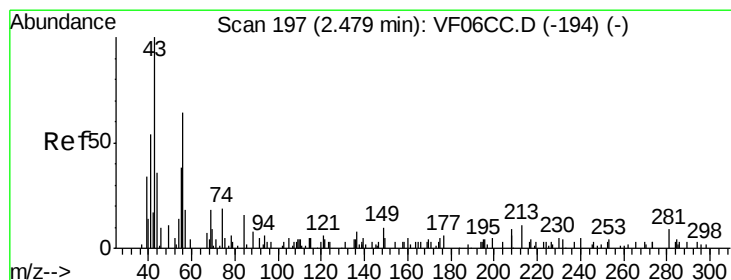
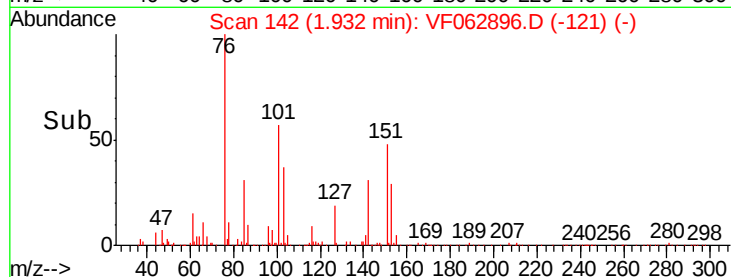
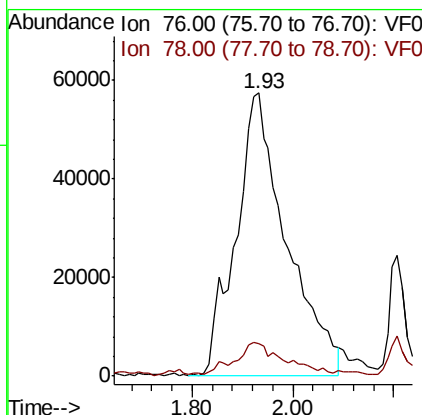
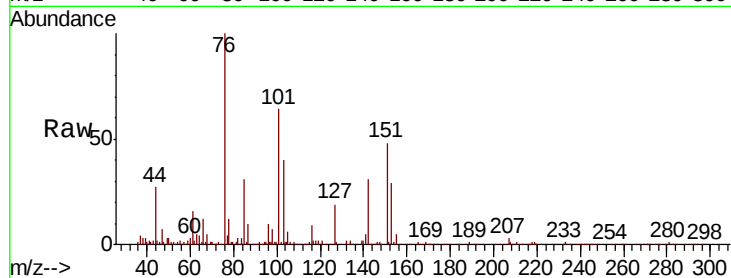




#17
Carbon Disulfide
Concen: 21.218 ug/l
RT: 1.93 min Scan# 142
Delta R.T. 0.00 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

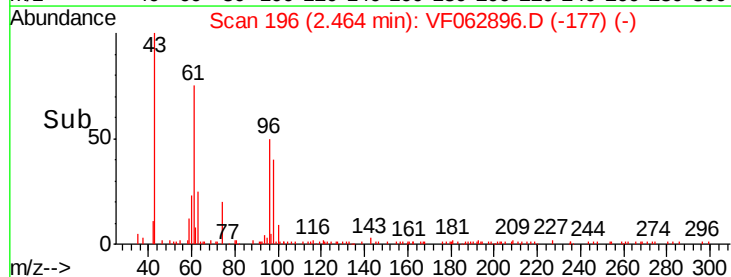
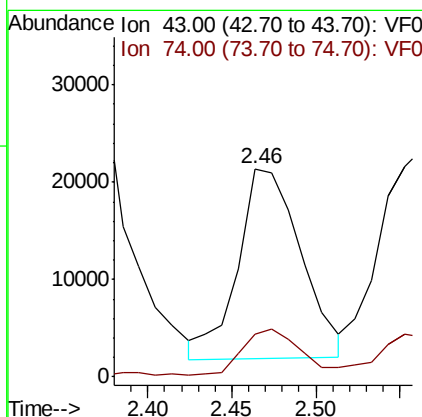
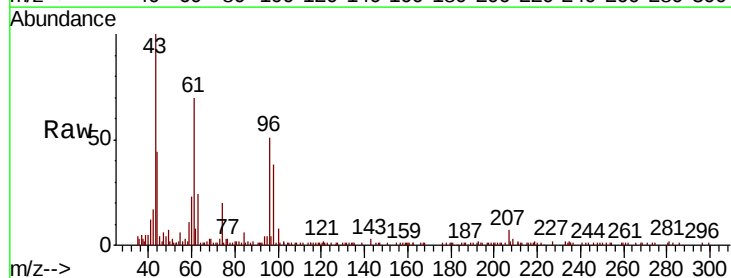
Instrument :
MSVOA_F
ClientSampleId :

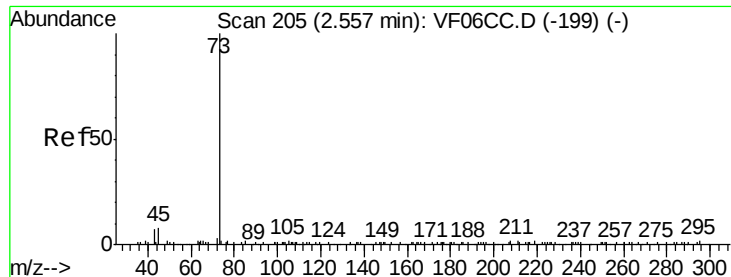
Tot Ion: 76 Resp: 399489
Ion Ratio Lower Upper
76 100
78 11.6 9.4 14.2



#18
Methyl Acetate
Concen: 23.719 ug/l
RT: 2.46 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 43 Resp: 50853
Ion Ratio Lower Upper
43 100
74 20.2 22.1 33.1#



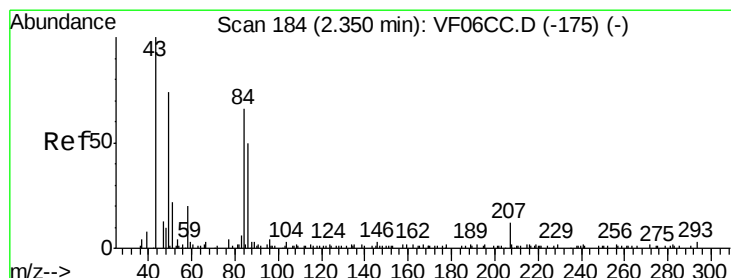
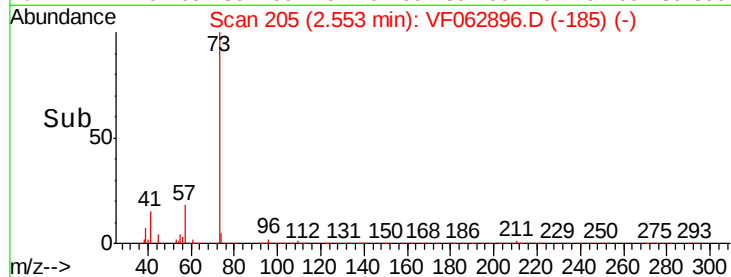
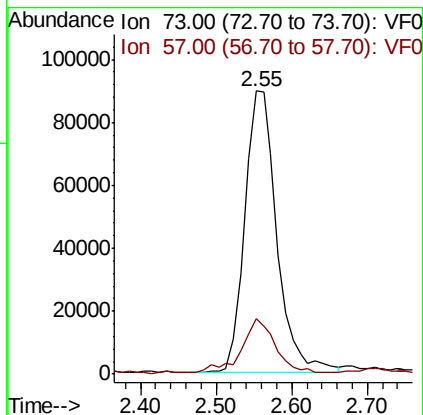
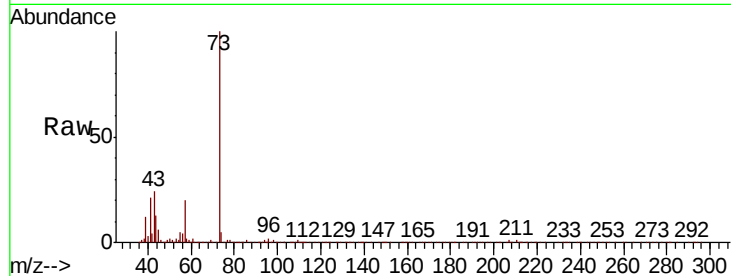


#19

Methyl tert-butyl Ether
 Concen: 22.462 ug/l
 RT: 2.55 min Scan# 205
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

Instrument :
 MSVOA_F
 ClientSampled :

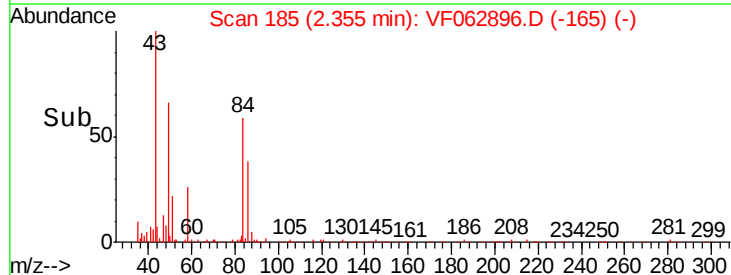
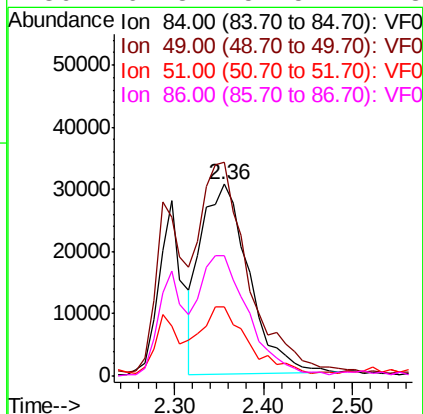
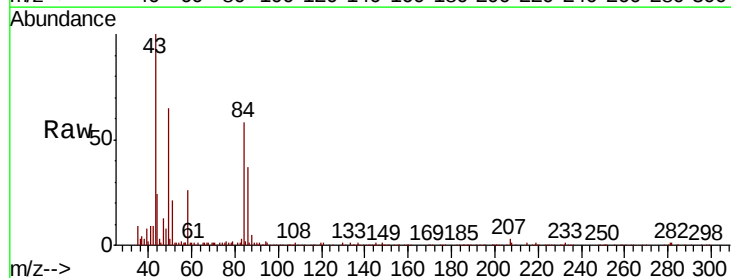
Tot Ion: 73 Resp: 262148
 Ion Ratio Lower Upper
 73 100
 57 19.6 15.1 22.7

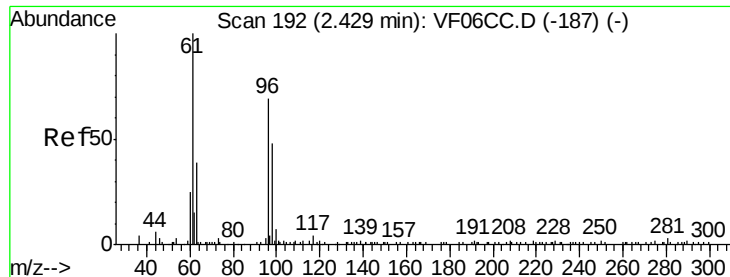


#20

Methylene Chloride
 Concen: 16.548 ug/l
 RT: 2.36 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

Tgt Ion: 84 Resp: 113945
 Ion Ratio Lower Upper
 84 100
 49 111.4 82.6 123.8
 51 36.0 25.0 37.4
 86 62.8 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 21.495 ug/l

RT: 2.42 min Scan# 192

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

ClientSampleId :

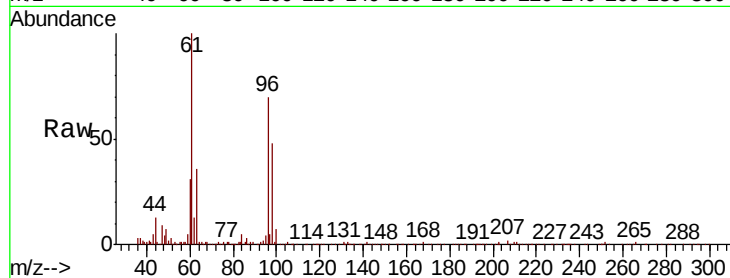
Tot Ion: 96 Resp: 138837

Ion Ratio Lower Upper

96 100

61 143.8 105.0 157.6

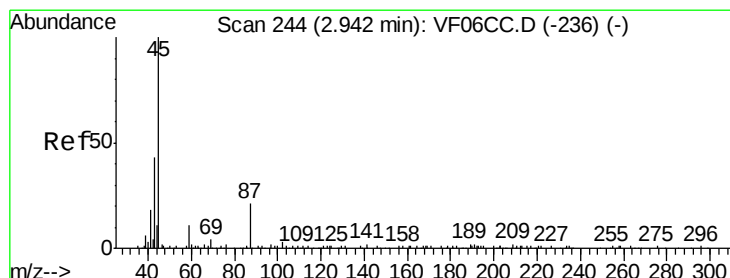
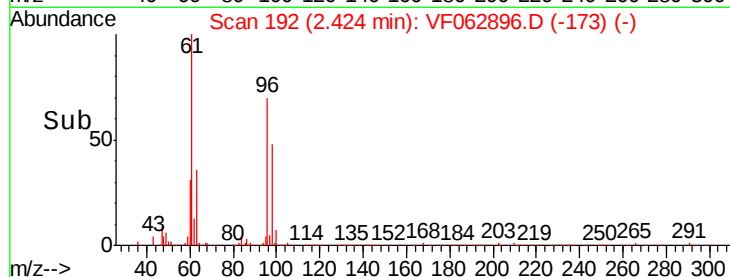
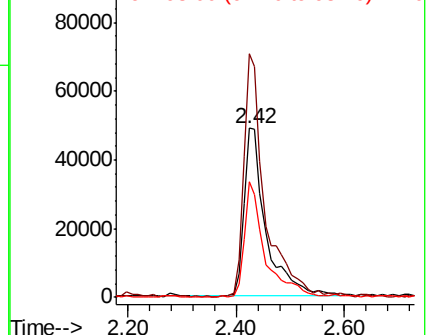
98 68.5 51.1 76.7



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 22.984 ug/l

RT: 2.95 min Scan# 245

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Tgt Ion: 45 Resp: 326333

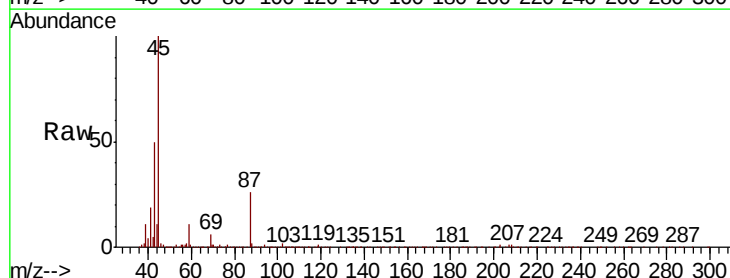
Ion Ratio Lower Upper

45 100

43 49.9 34.3 51.5

87 25.8 19.0 28.4

59 10.7 9.6 14.4

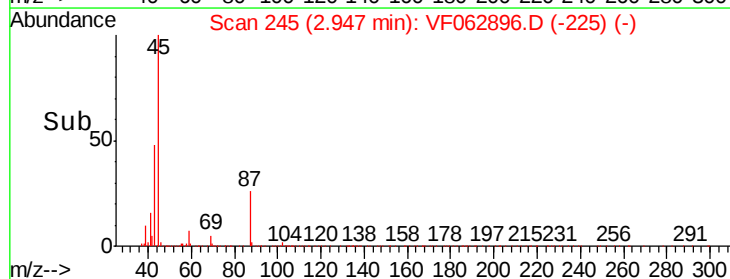
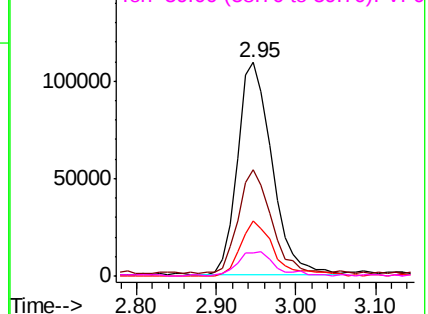


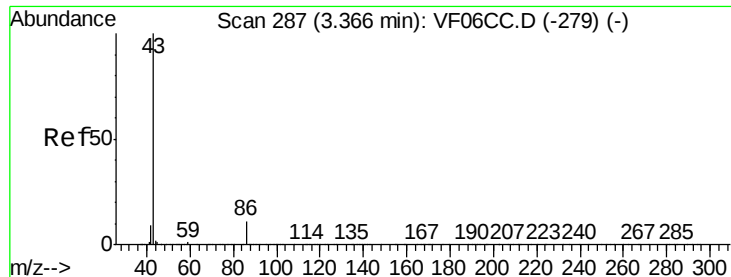
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0

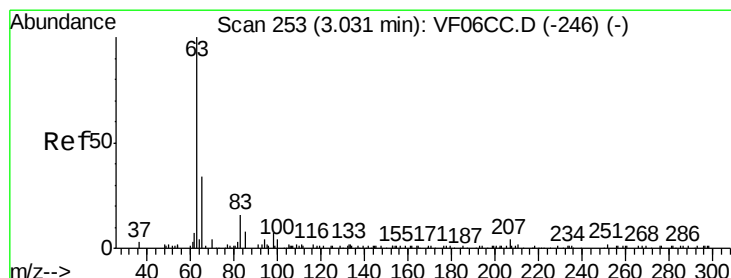
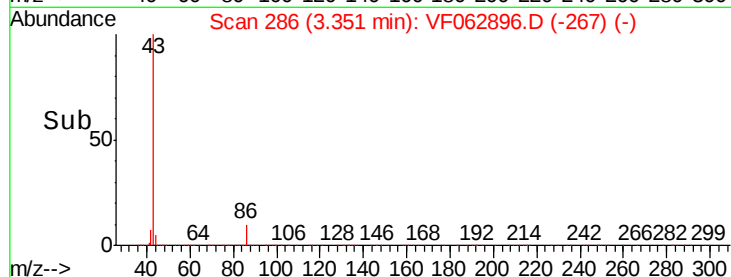
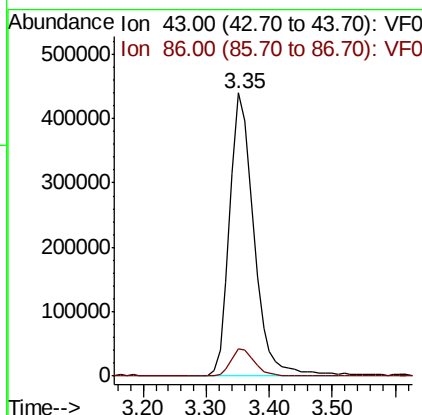
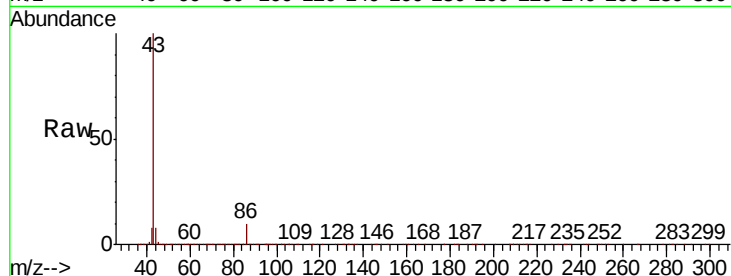




#23
 Vinyl Acetate
 Concen: 120.069 ug/l
 RT: 3.35 min Scan# 286
 Delta R.T. -0.02 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

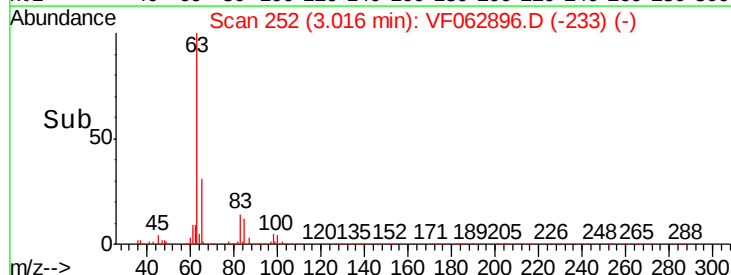
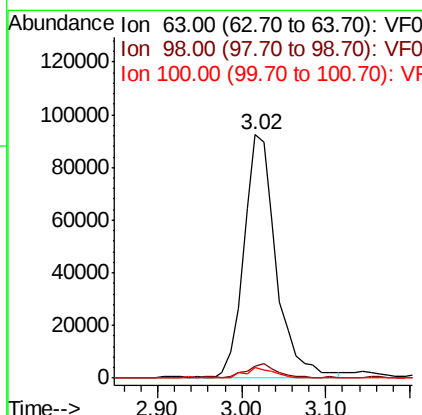
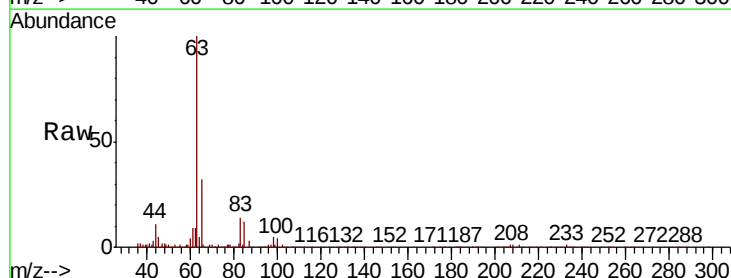
Instrument :
 MSVOA_F
 ClientSampleId :

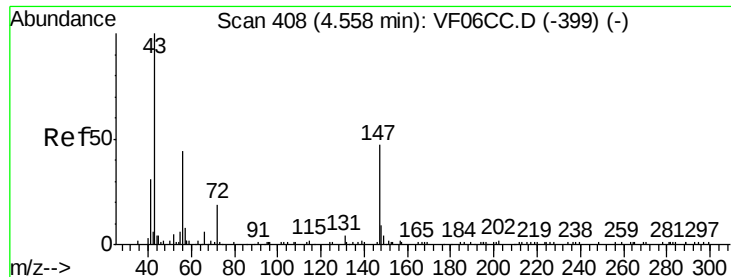
Tot Ion: 43 Resp: 1167116
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 23.151 ug/l
 RT: 3.02 min Scan# 252
 Delta R.T. -0.02 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

Tgt Ion: 63 Resp: 245433
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.4 7.1
 100 4.2 1.5 4.5

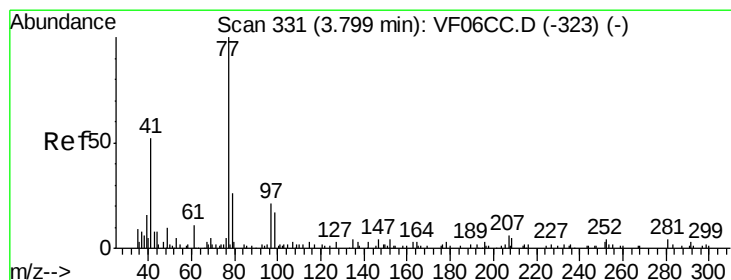
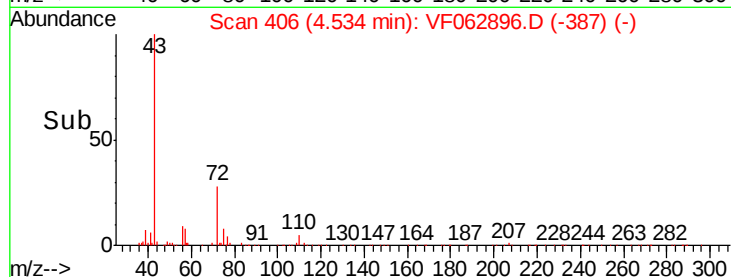
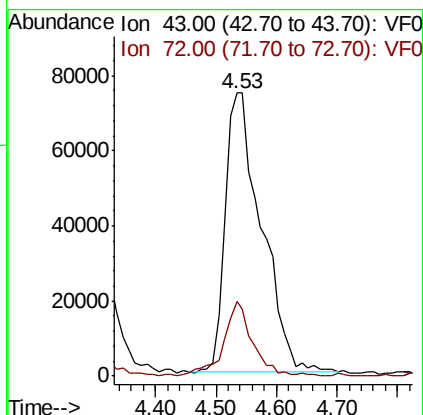
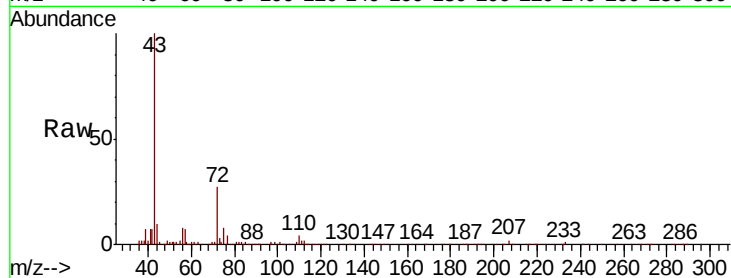




#25
2-Butanone
Concen: 107.477 ug/l
RT: 4.53 min Scan# 406
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

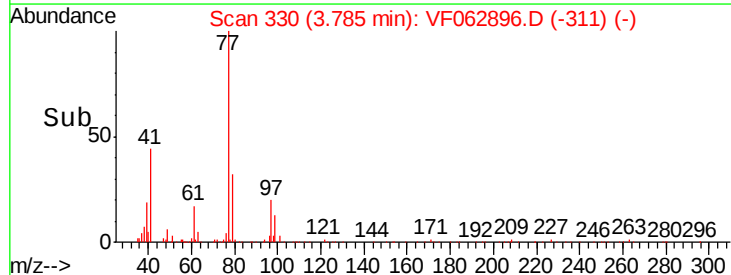
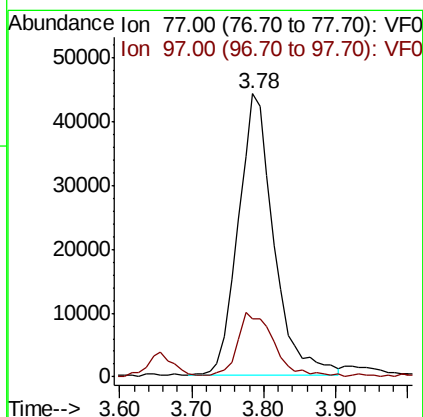
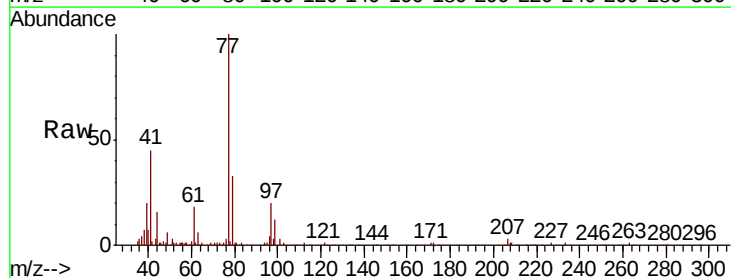
Instrument :
MSVOA_F
ClientSampleId :

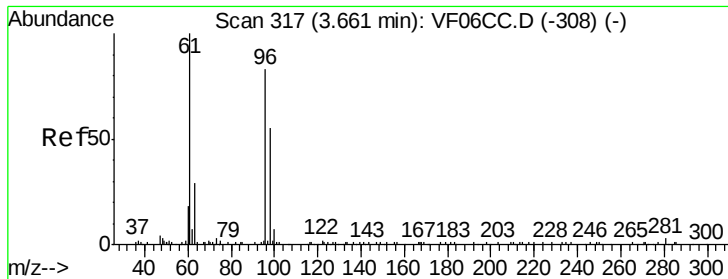
Tot Ion: 43 Resp: 307080
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.0



#26
2,2-Dichloropropane
Concen: 25.234 ug/l
RT: 3.78 min Scan# 330
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 77 Resp: 151891
Ion Ratio Lower Upper
77 100
97 20.3 12.4 37.4



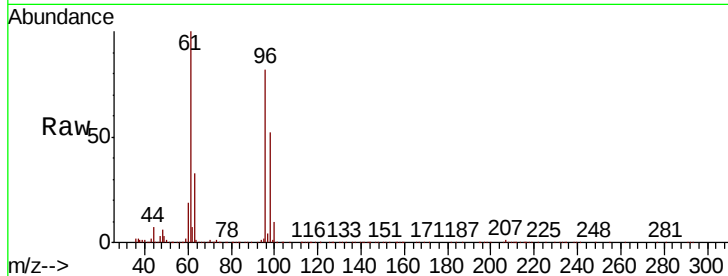


#27

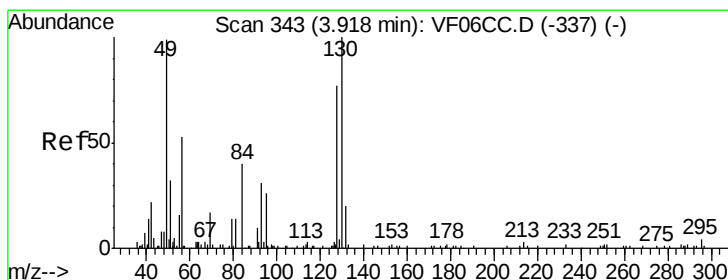
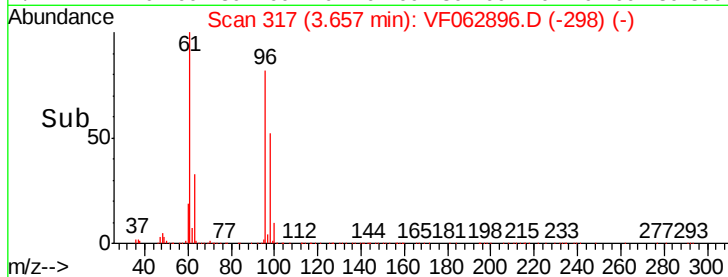
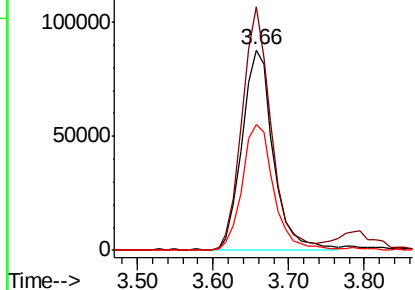
cis-1,2-Dichloroethene
Concen: 22.897 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.5	0.0	213.8
98	62.8	0.0	127.0



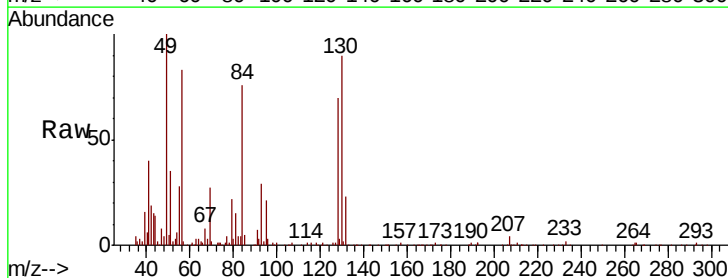
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



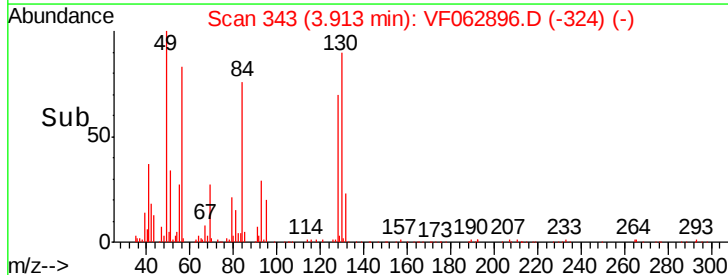
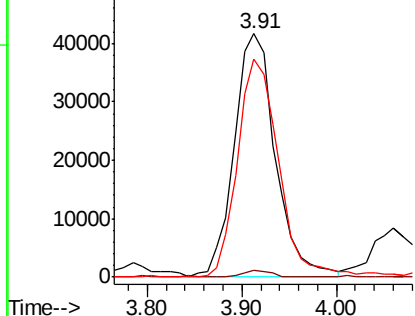
#28

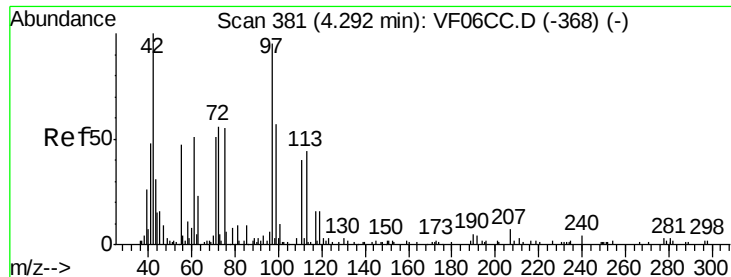
Bromochloromethane
Concen: 21.677 ug/l
RT: 3.91 min Scan# 343
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	89.7	79.2	118.8



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

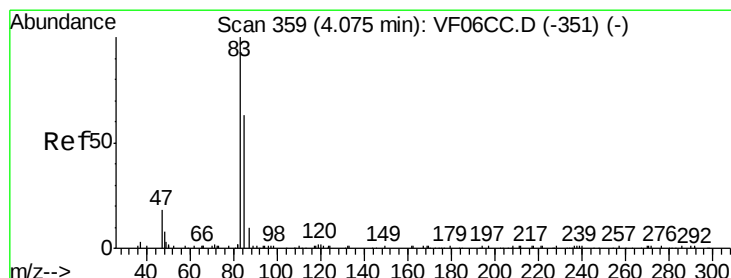
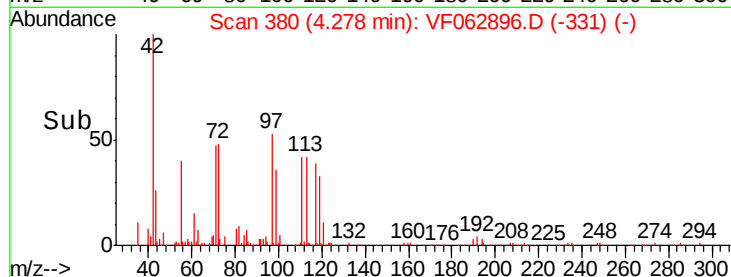
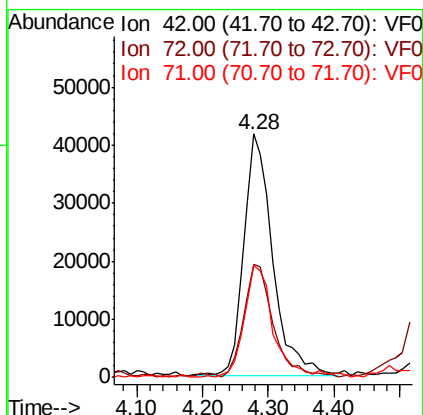
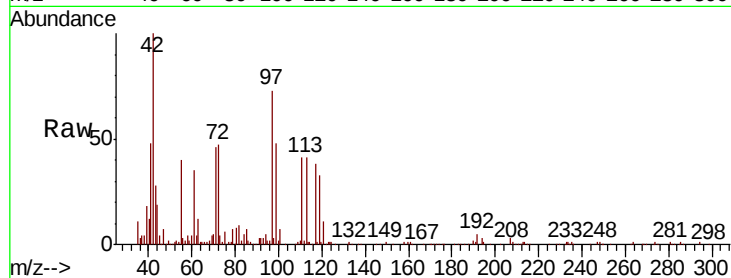




#29
Tetrahydrofuran
Concen: 117.848 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

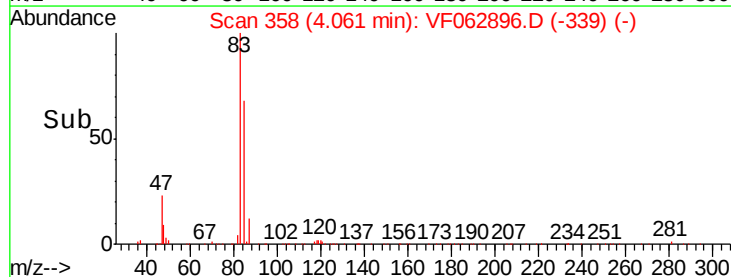
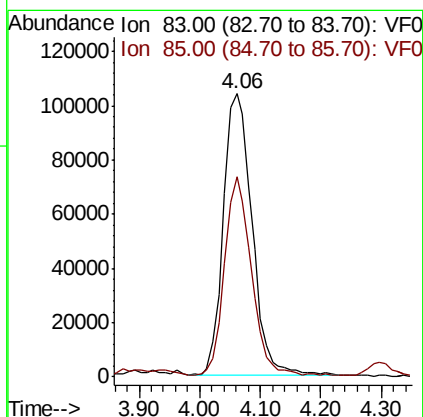
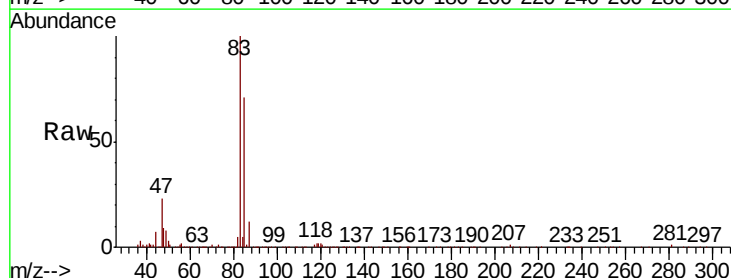
Instrument :
MSVOA_F
ClientSampleId :

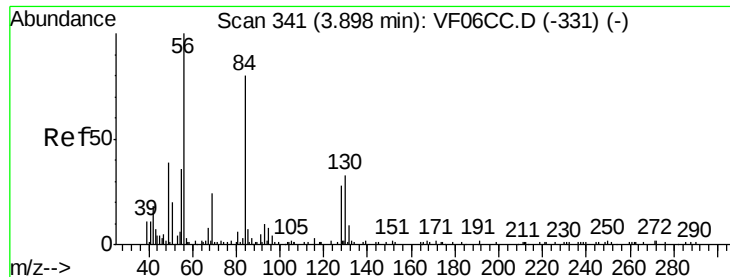
Tot Ion: 42 Resp: 128782
Ion Ratio Lower Upper
42 100
72 47.5 39.0 58.6
71 47.1 36.9 55.3



#30
Chloroform
Concen: 22.999 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 83 Resp: 343628
Ion Ratio Lower Upper
83 100
85 70.7 55.0 82.6





#31

Cyclohexane

Concen: 20.612 ug/l

RT: 3.88 min Scan# 340

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

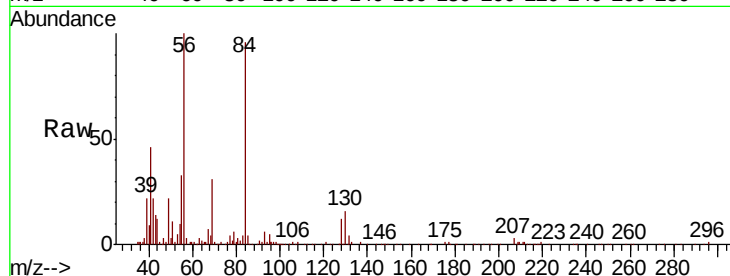
Tot Ion: 56 Resp: 295836

Ion Ratio Lower Upper

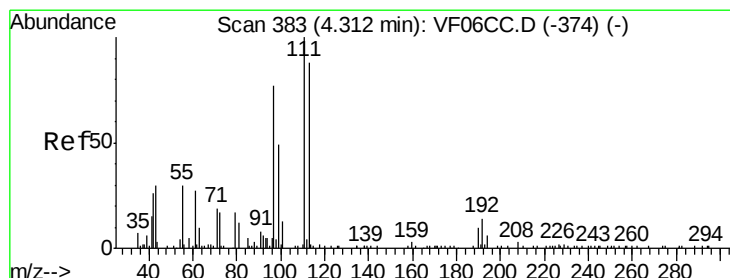
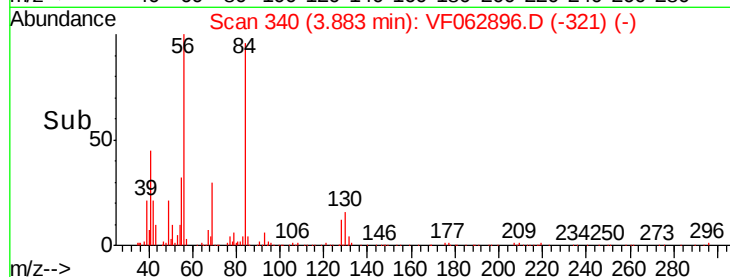
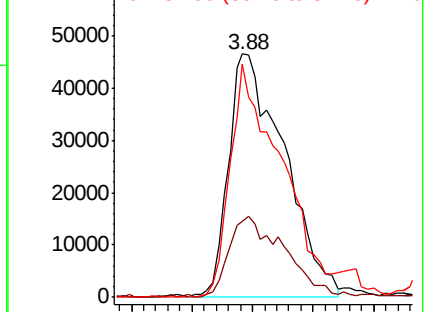
56 100

69 31.4 26.7 40.1

84 96.0 74.3 111.5



Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 25.850 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

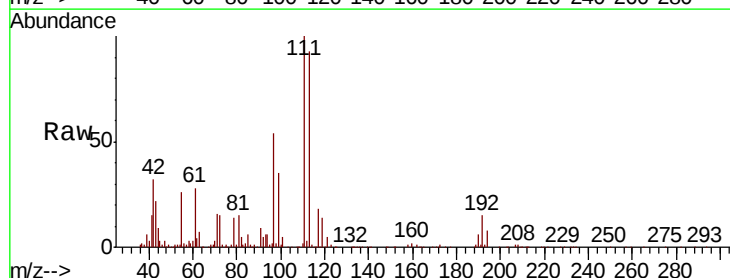
Tgt Ion: 97 Resp: 224875

Ion Ratio Lower Upper

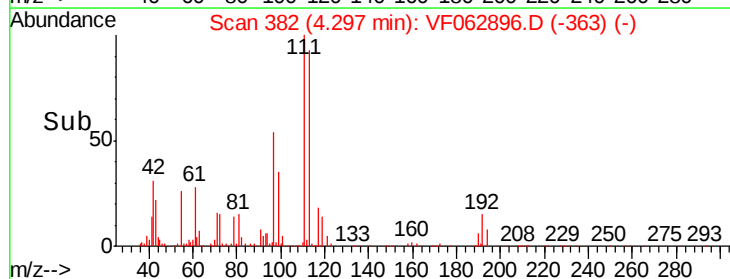
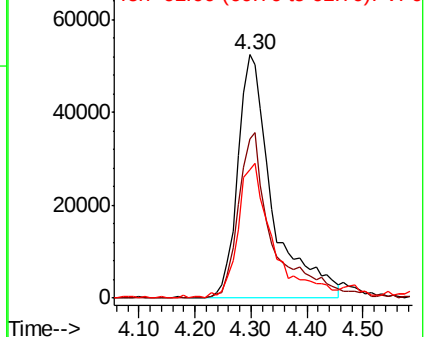
97 100

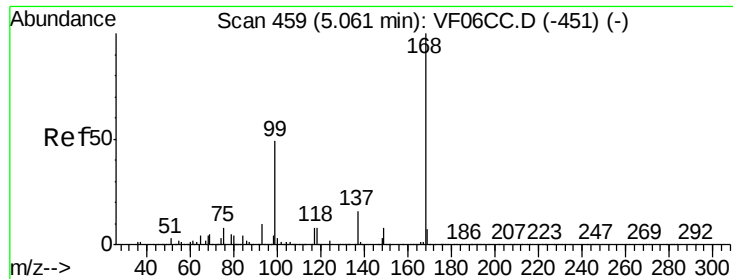
99 65.5 51.7 77.5

61 52.6 38.9 58.3



Abundance Ion 97.00 (96.70 to 97.70): VF0
Ion 99.00 (98.70 to 99.70): VF0
Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 48.929 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

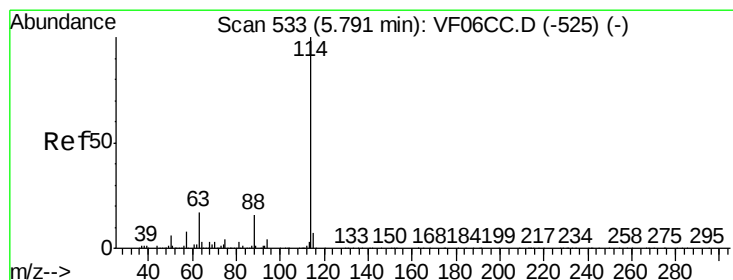
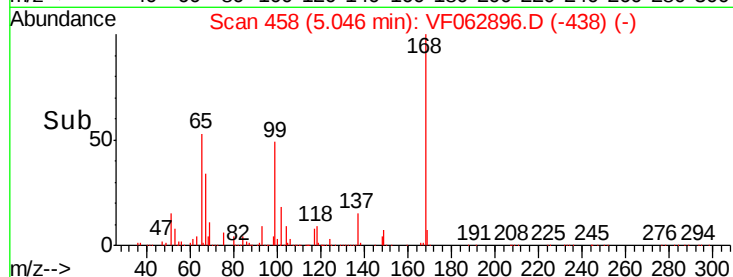
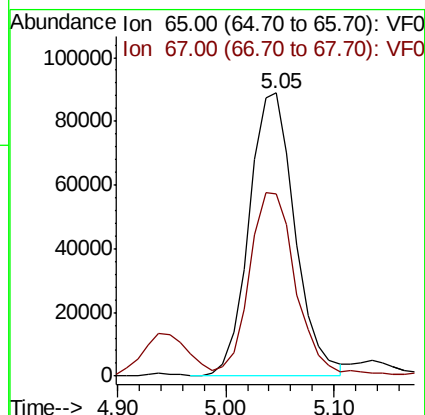
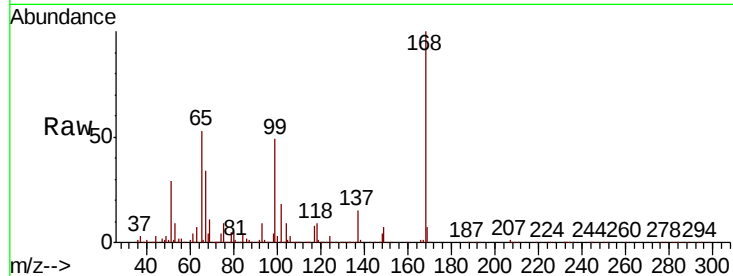
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 65 Resp: 262284

Ion Ratio Lower Upper

65 100

67 64.4 0.0 121.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

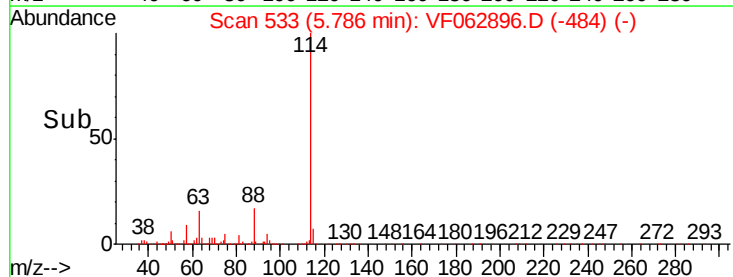
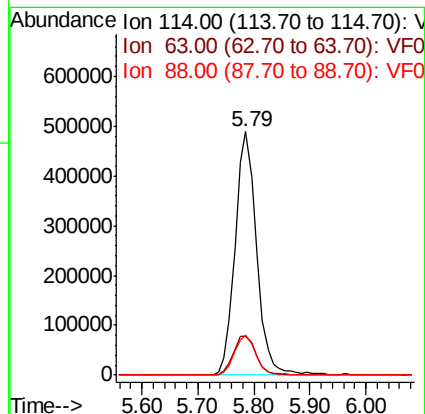
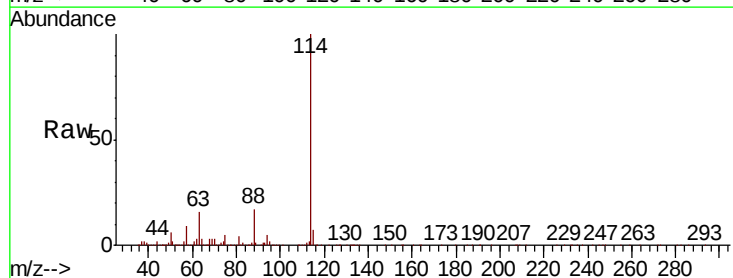
Tgt Ion: 114 Resp: 1304849

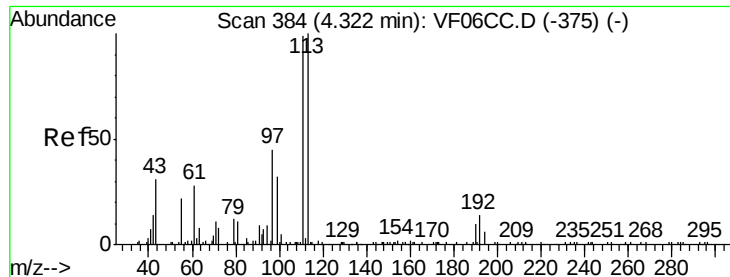
Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.2

88 16.6 0.0 31.2

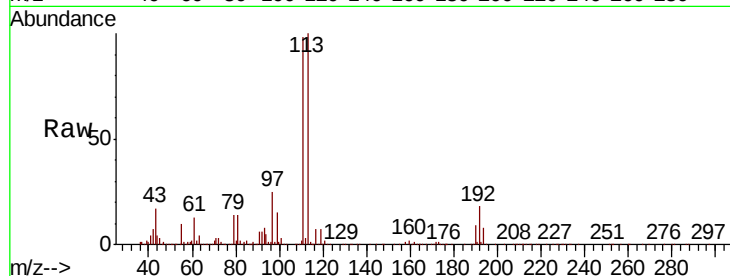




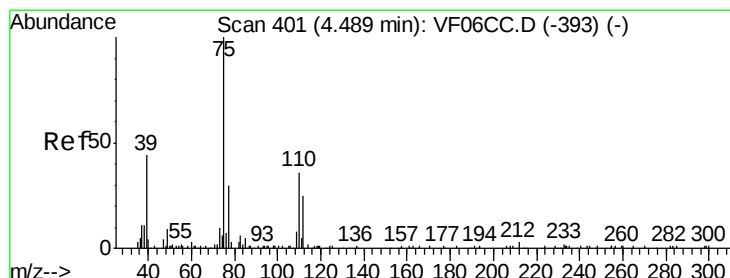
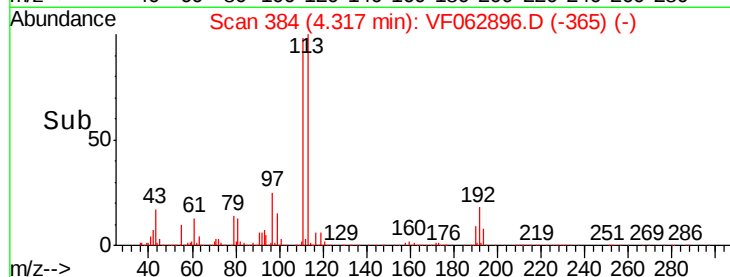
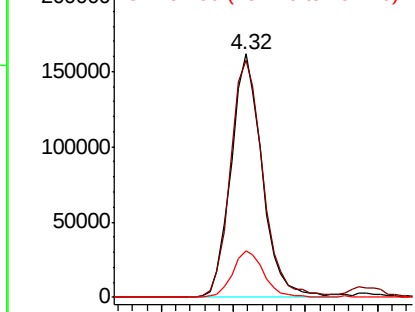
#35
Dibromofluoromethane
Concen: 49.532 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:113 Resp: 488394
Ion Ratio Lower Upper
113 100
111 97.6 81.9 122.9
192 19.2 15.1 22.7

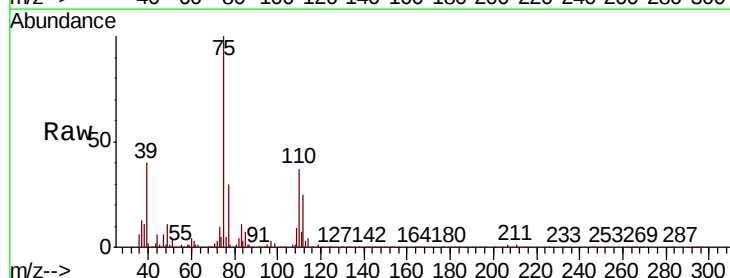


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

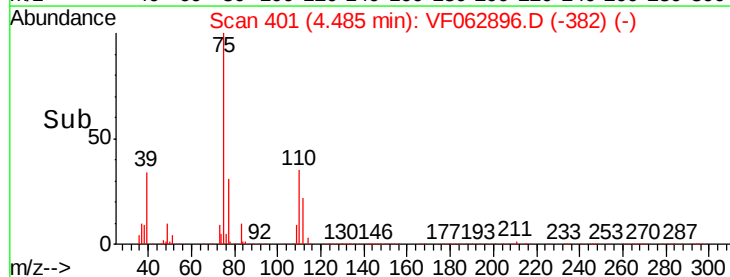
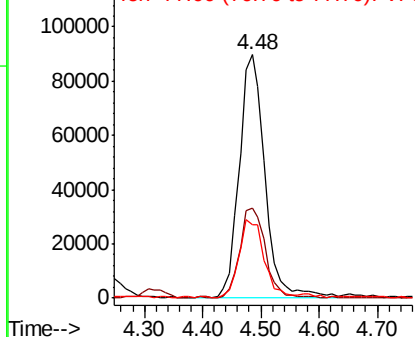


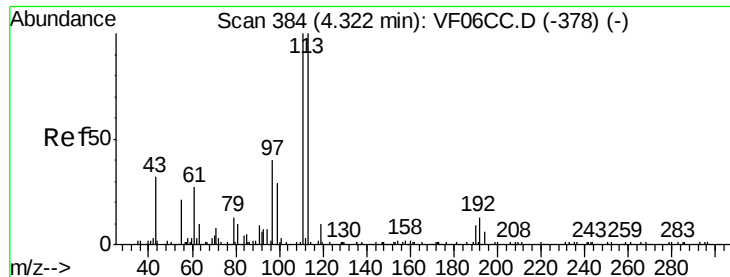
#36
1,1-Dichloropropene
Concen: 22.683 ug/l
RT: 4.48 min Scan# 401
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 75 Resp: 272470
Ion Ratio Lower Upper
75 100
110 36.8 19.4 58.1
77 30.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 23.460 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

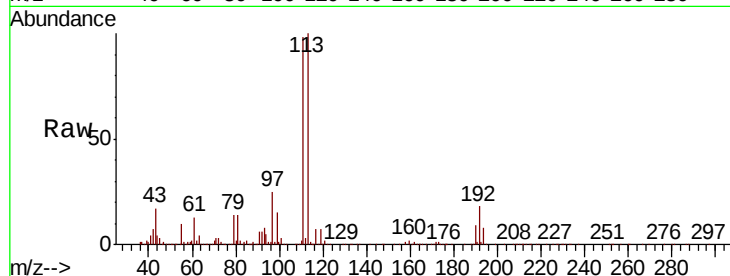
Tot Ion: 43 Resp: 107724

Ion Ratio Lower Upper

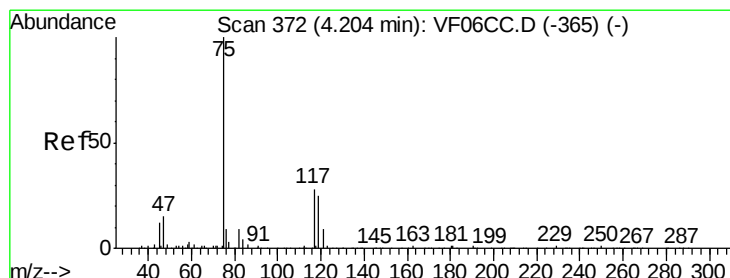
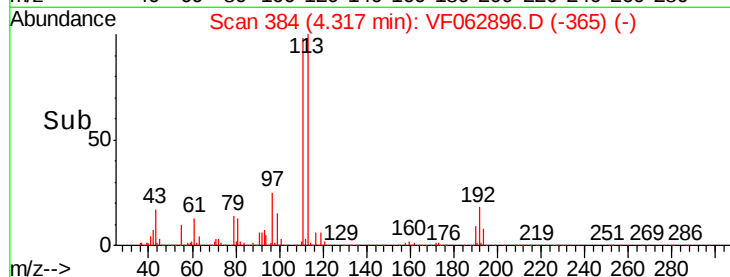
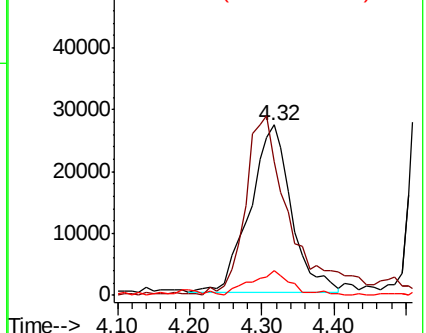
43 100

61 78.4 59.1 88.7

70 14.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 22.894 ug/l

RT: 4.19 min Scan# 371

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

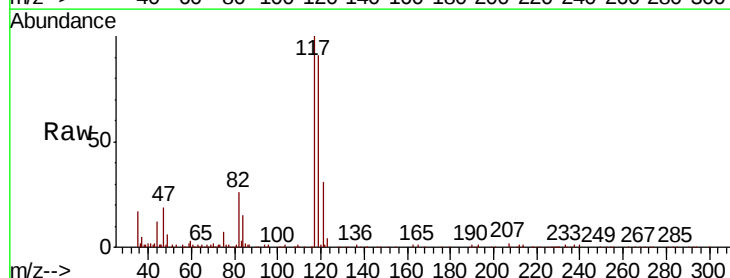
Tgt Ion: 117 Resp: 185865

Ion Ratio Lower Upper

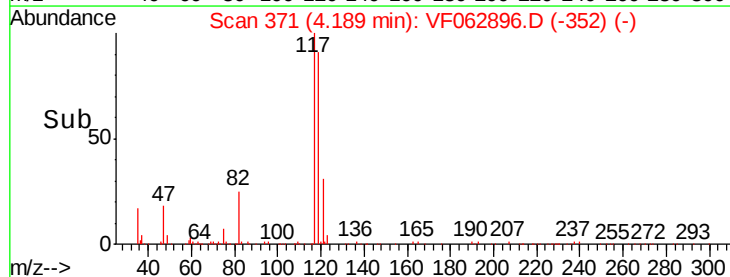
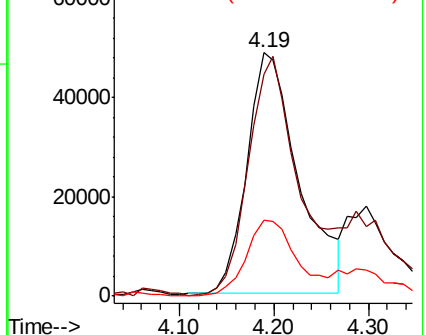
117 100

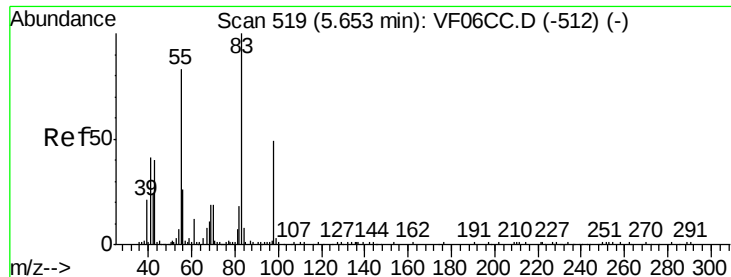
119 90.9 78.2 117.2

121 31.2 28.2 42.2



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

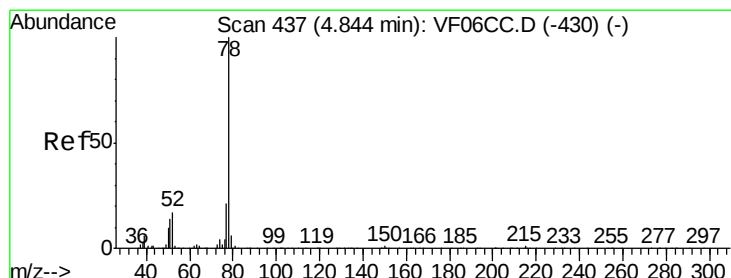
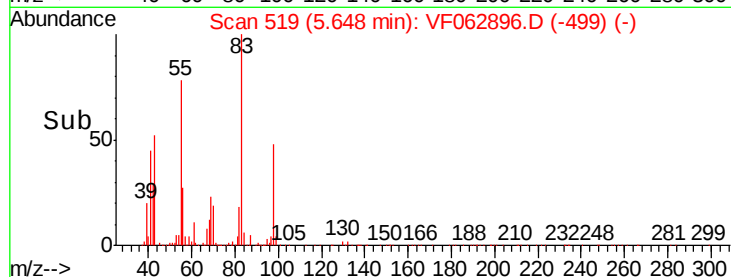
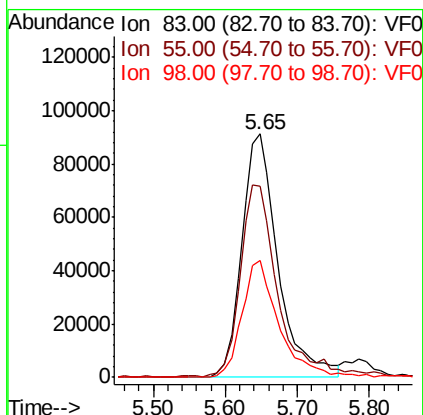
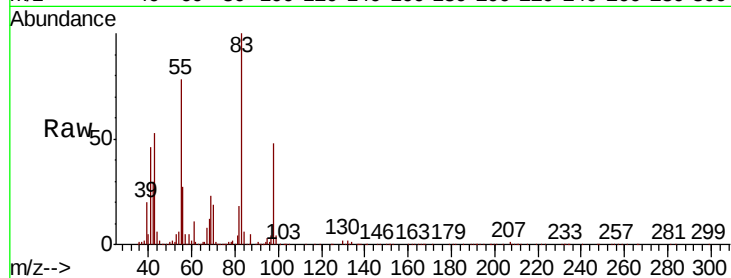




#39
Methvlcvclohexane
Concen: 21.407 ug/l
RT: 5.65 min Scan# 519
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

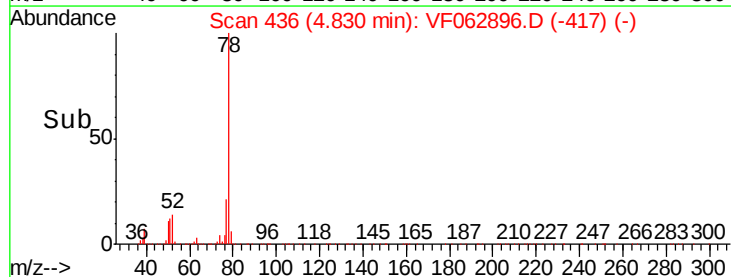
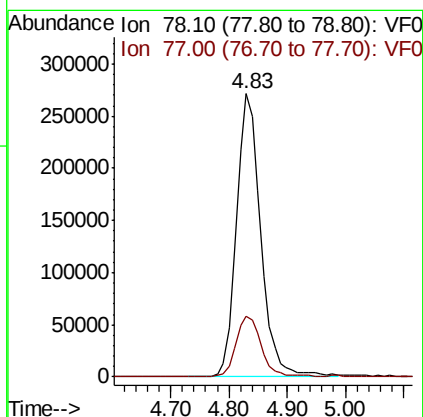
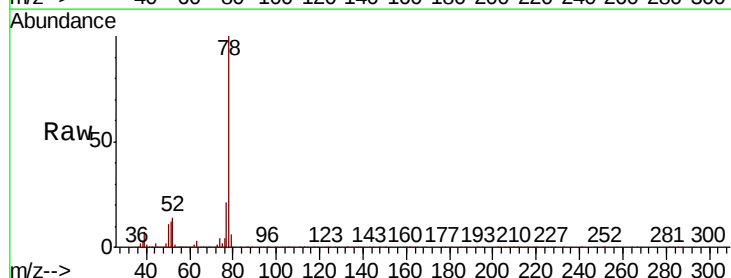
Instrument :
MSVOA_F
ClientSampleId :

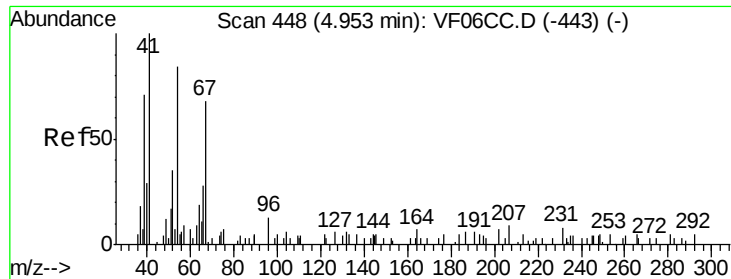
Tot Ion: 83 Resp: 320039
Ion Ratio Lower Upper
83 100
55 78.3 61.6 92.4
98 48.1 37.4 56.2



#40
Benzene
Concen: 22.443 ug/l
RT: 4.83 min Scan# 436
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 78 Resp: 784626
Ion Ratio Lower Upper
78 100
77 21.3 18.9 28.3

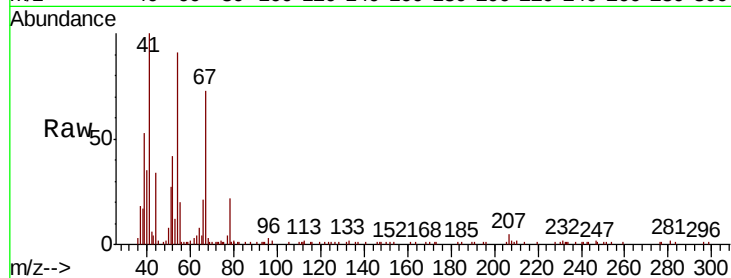




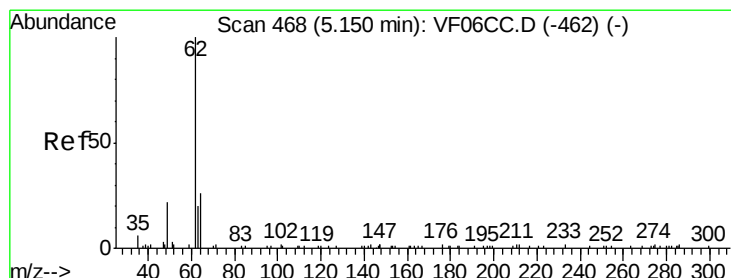
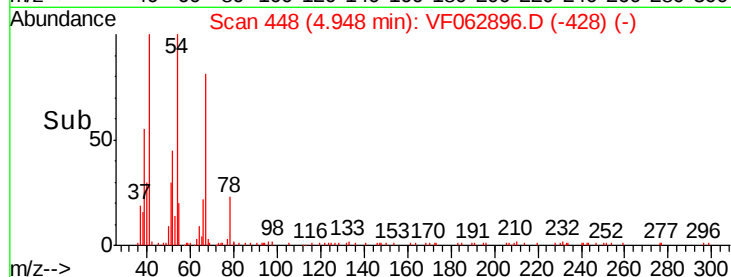
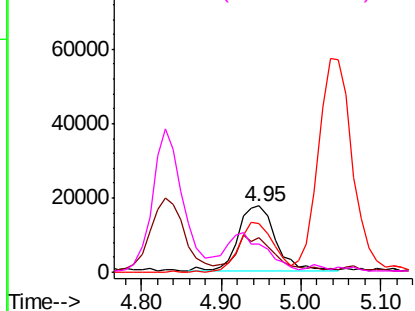
#41
Methacrylonitrile
Concen: 22.480 ug/l
RT: 4.95 min Scan# 448
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	41	Resp:	57386
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.0	63.0
67	73.3	61.4	92.0
52	42.3	42.1	63.1

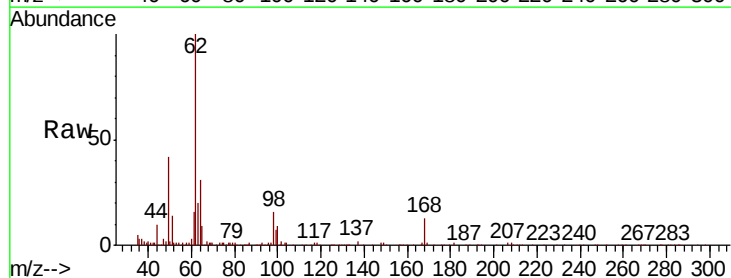


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

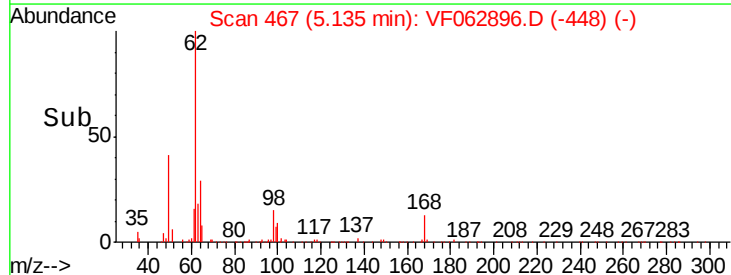
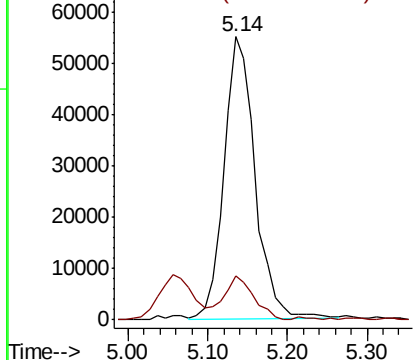


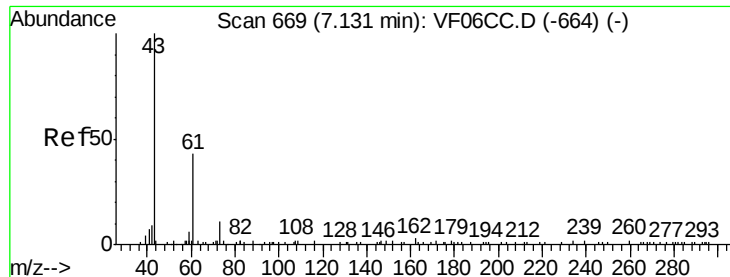
#42
1,2-Dichloroethane
Concen: 22.668 ug/l
RT: 5.14 min Scan# 467
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion:	62	Resp:	150722
Ion	Ratio	Lower	Upper
62	100		
98	15.8	0.0	24.0



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





#43

Isopropyl Acetate

Concen: 21.420 ug/l

RT: 7.13 min Scan# 669

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

ClientSampleId :

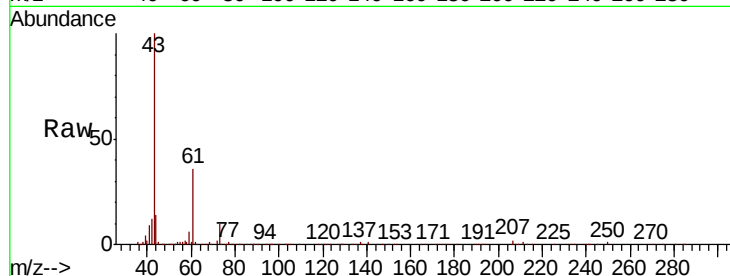
Tot Ion: 43 Resp: 129931

Ion Ratio Lower Upper

43 100

61 36.3 29.8 44.6

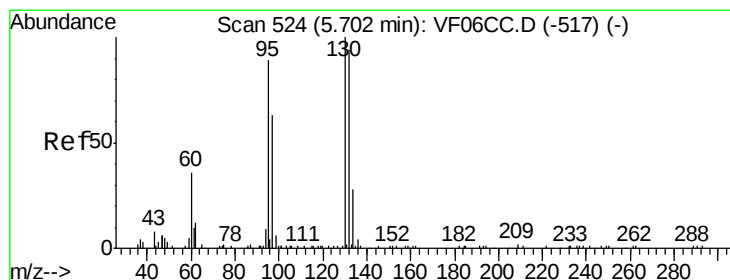
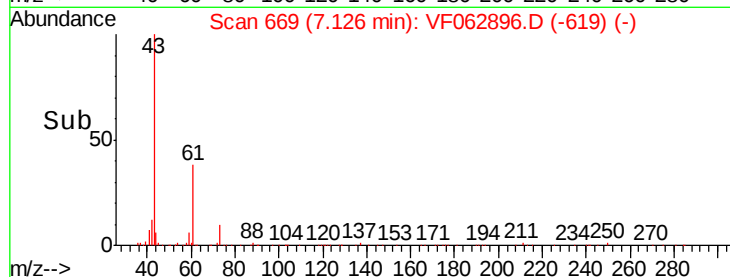
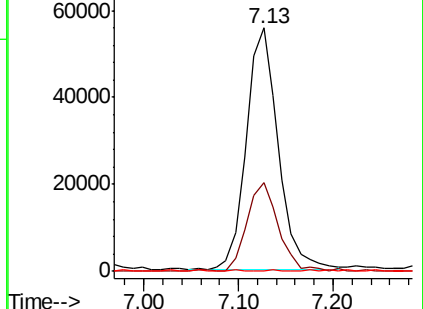
87 0.3 0.3 0.5#



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



#44

Trichloroethene

Concen: 21.644 ug/l

RT: 5.69 min Scan# 523

Delta R.T. -0.02 min

Lab File: VF062896.D

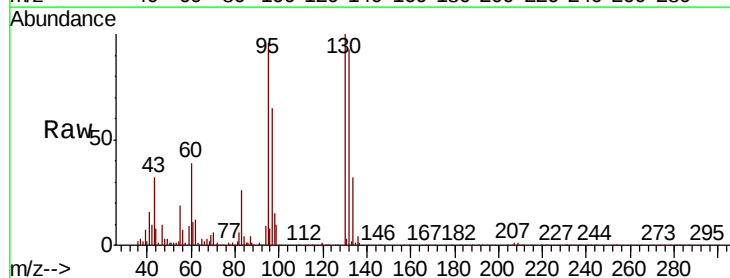
Acq: 7 Jun 2019 13:28

Tgt Ion: 130 Resp: 213554

Ion Ratio Lower Upper

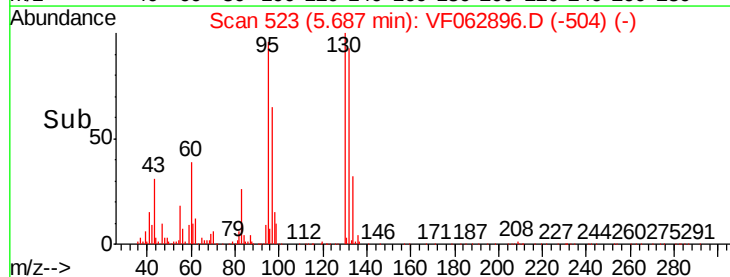
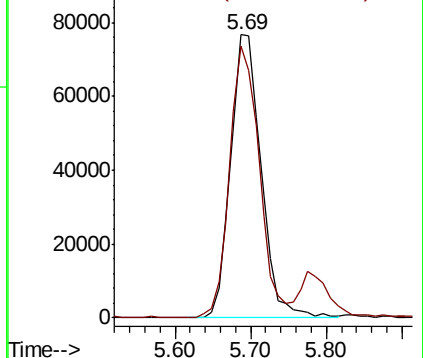
130 100

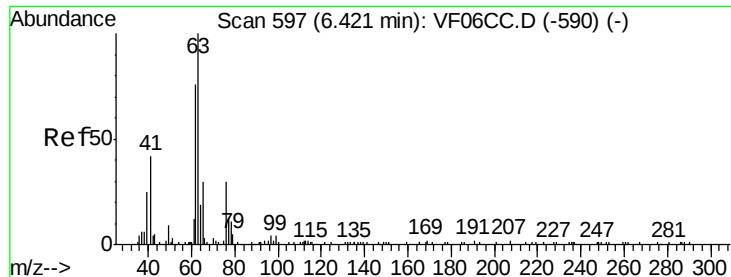
95 96.2 0.0 188.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 23.051 ug/l

RT: 6.42 min Scan# 597

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

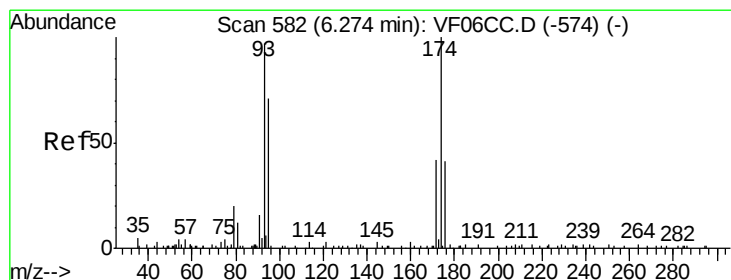
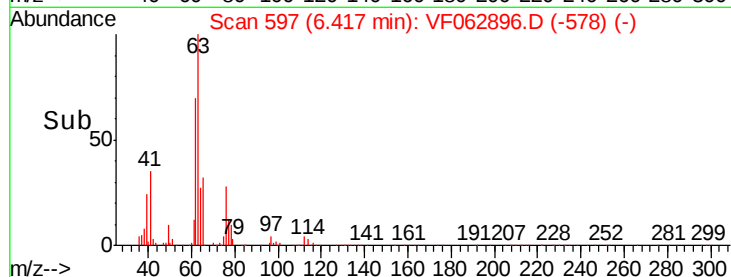
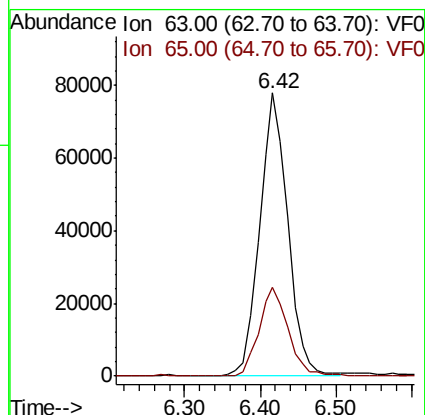
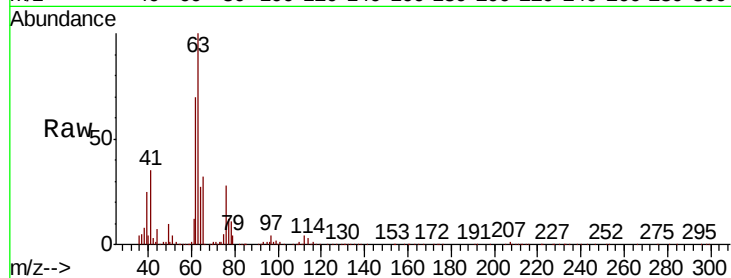
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 63 Resp: 202229

Ion Ratio Lower Upper

63 100

65 31.5 24.2 36.2



#46

Dibromomethane

Concen: 23.179 ug/l

RT: 6.27 min Scan# 582

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

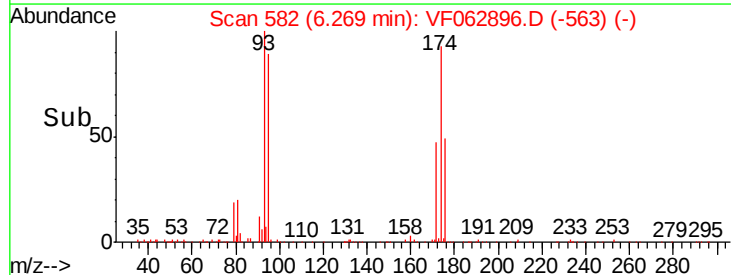
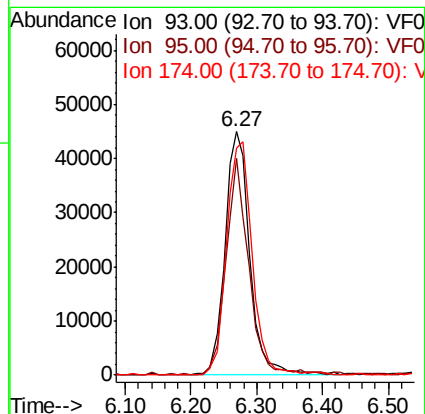
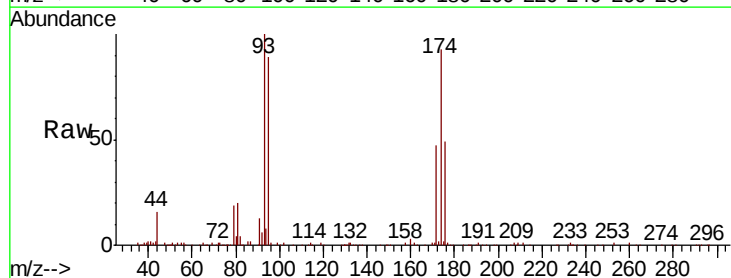
Tgt Ion: 93 Resp: 118726

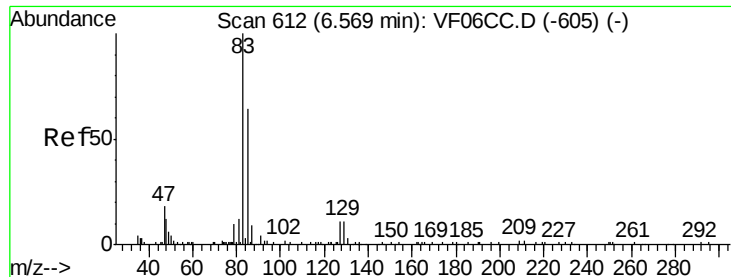
Ion Ratio Lower Upper

93 100

95 89.3 67.9 101.9

174 93.0 85.0 127.4





#47

Bromodichloromethane

Concen: 21.974 ug/l

RT: 6.56 min Scan# 612

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

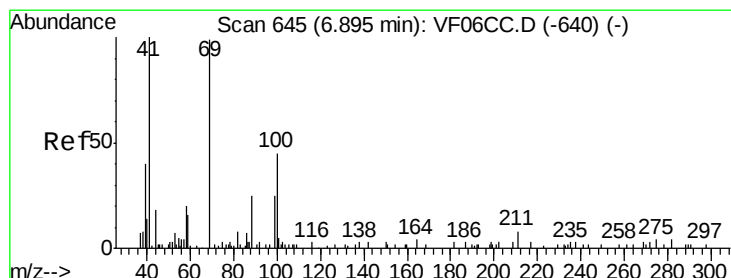
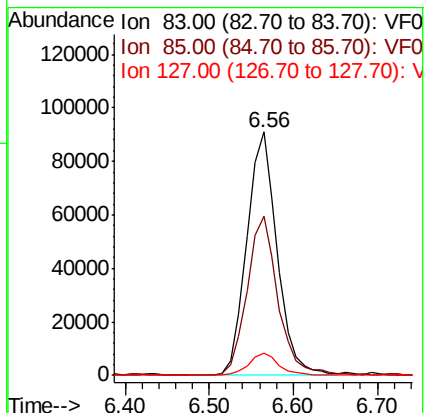
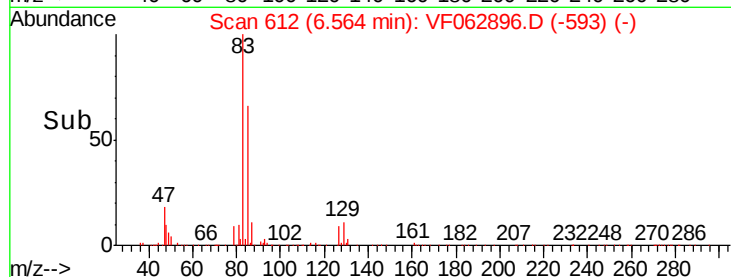
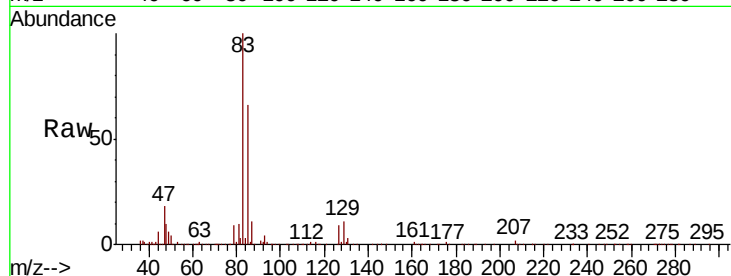
Tot Ion: 83 Resp: 229225

Ion Ratio Lower Upper

83 100

85 65.6 54.2 81.4

127 9.1 7.0 10.4



#48

Methyl methacrylate

Concen: 21.958 ug/l

RT: 6.88 min Scan# 644

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

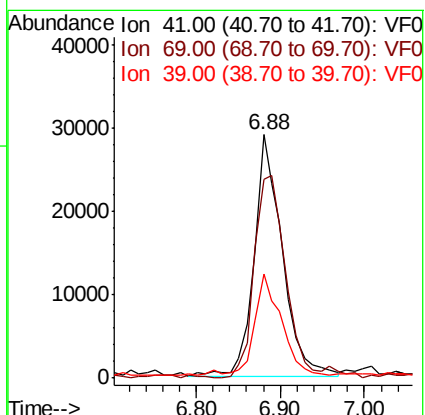
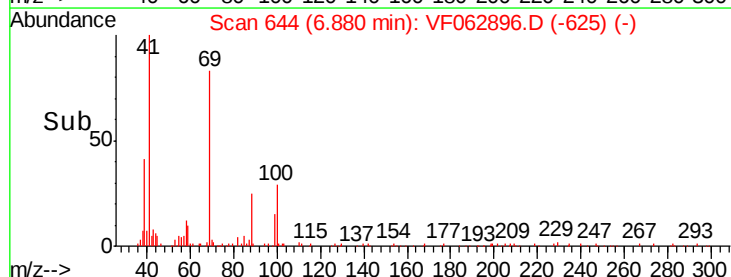
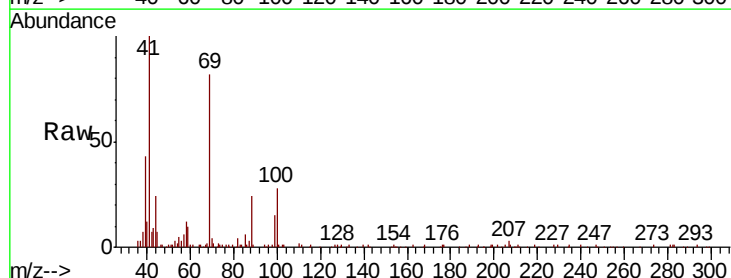
Tgt Ion: 41 Resp: 68645

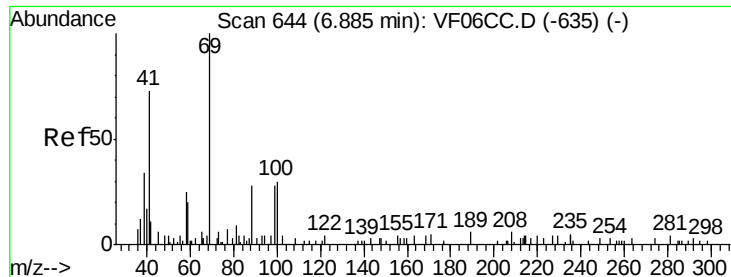
Ion Ratio Lower Upper

41 100

69 81.8 79.4 119.2

39 42.7 39.8 59.6





#49

1,4-Dioxane

Concen: 438.888 ug/l

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

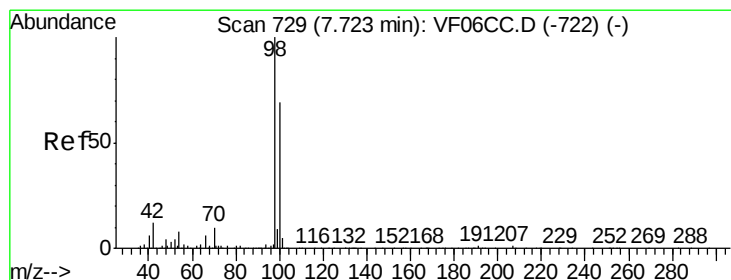
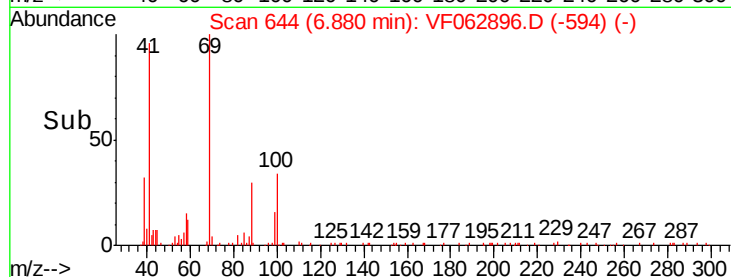
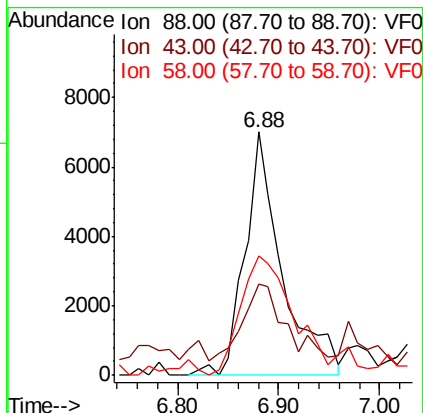
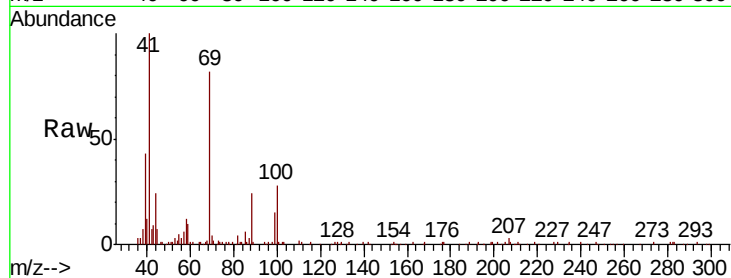
Tot Ion: 88 Resp: 18085

Ion Ratio Lower Upper

88 100

43 37.3 34.8 52.2

58 49.2 59.9 89.9#



#50

Toluene-d8

Concen: 48.320 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.02 min

Lab File: VF062896.D

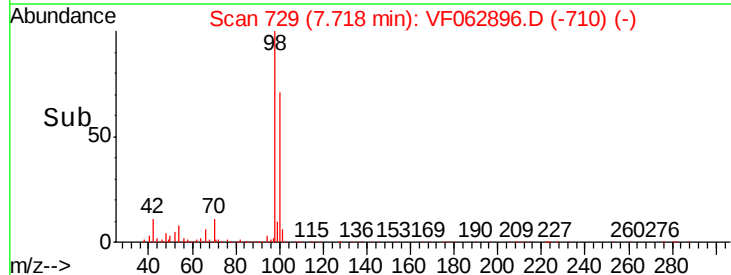
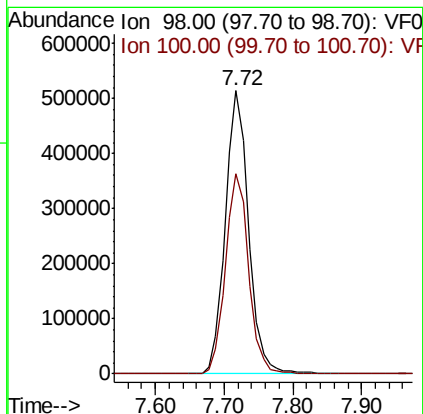
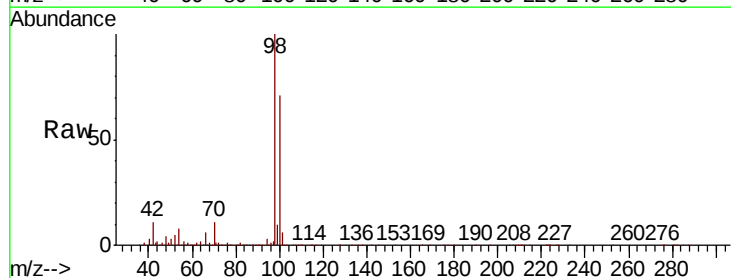
Acq: 7 Jun 2019 13:28

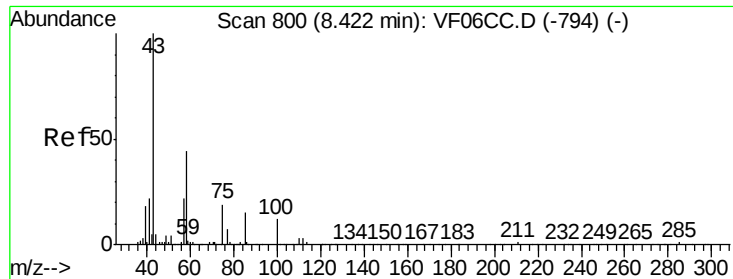
Tgt Ion: 98 Resp: 1204804

Ion Ratio Lower Upper

98 100

100 70.8 59.8 89.8





#51

4-Methyl-2-Pentanone

Concen: 125.739 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

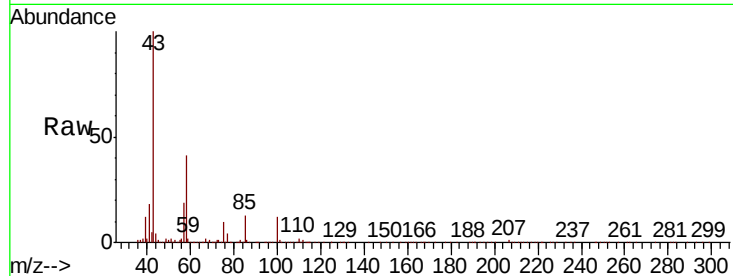
ClientSampleId :

Tot Ion: 43 Resp: 544539

Ion Ratio Lower Upper

43 100

58 40.5 35.5 53.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.41

250000

200000

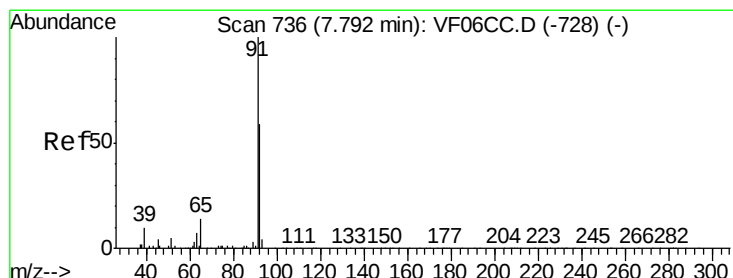
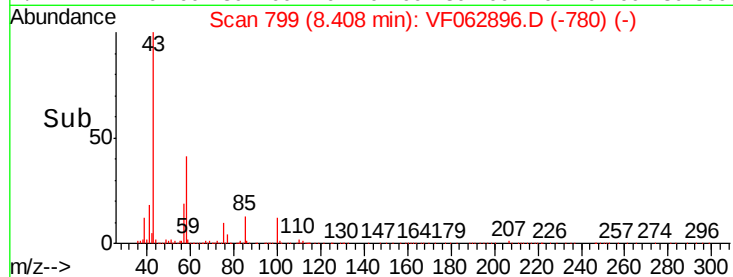
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.014 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.02 min

Lab File: VF062896.D

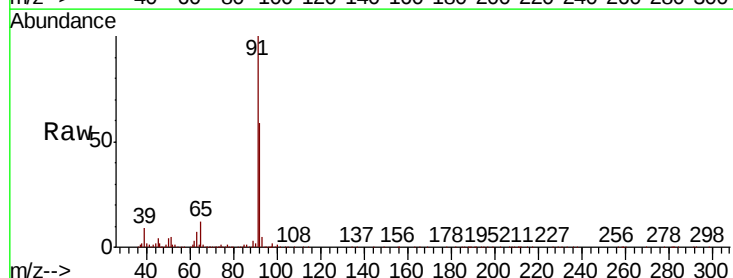
Acq: 7 Jun 2019 13:28

Tgt Ion: 92 Resp: 414517

Ion Ratio Lower Upper

92 100

91 170.3 123.2 184.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.79

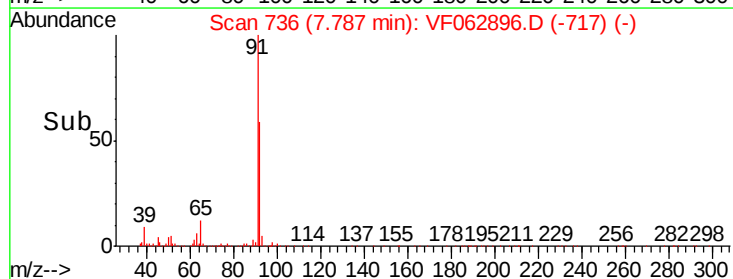
300000

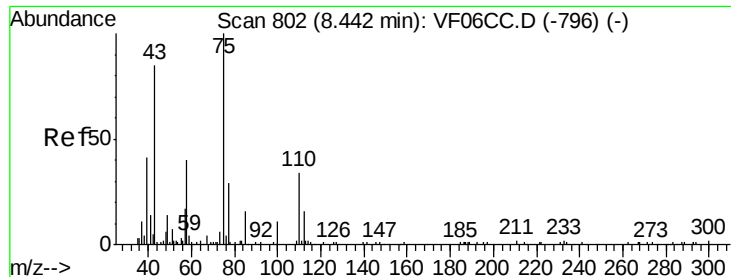
200000

100000

0

Time-->

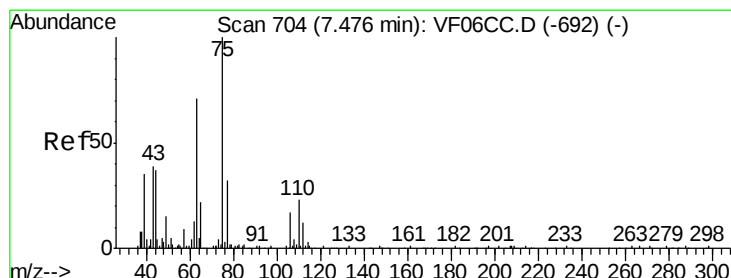
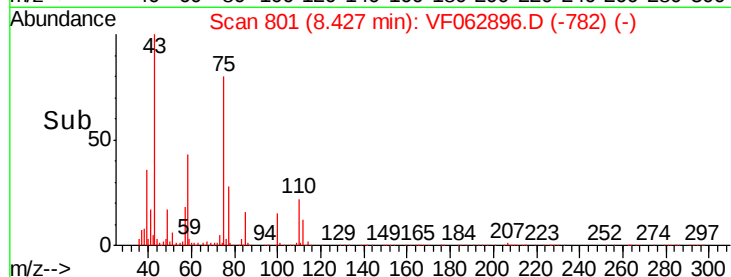
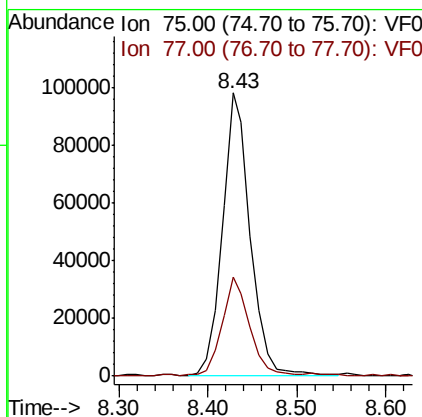
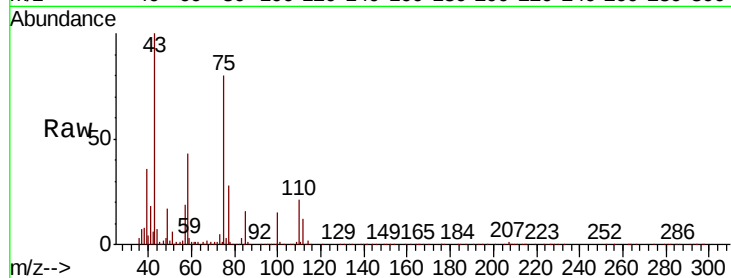




#53
t-1,3-Dichloropropene
Concen: 24.978 ug/l
RT: 8.43 min Scan# 801
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

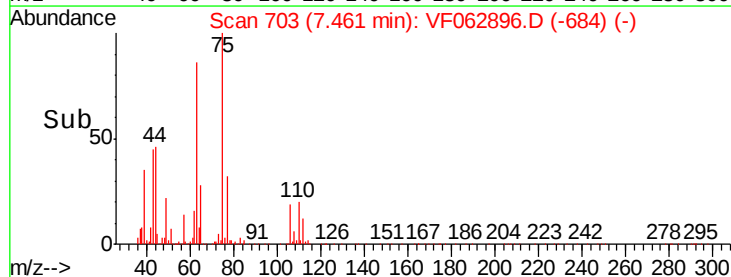
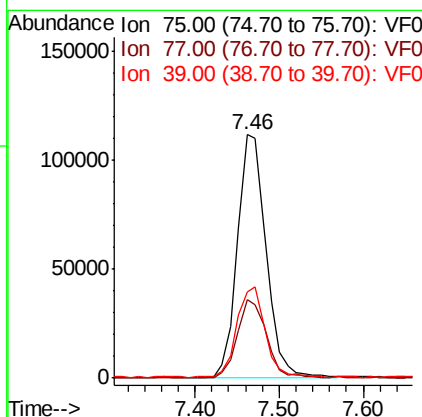
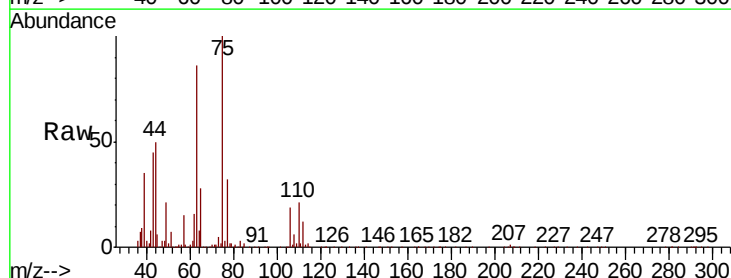
Instrument :
MSVOA_F
ClientSampled :

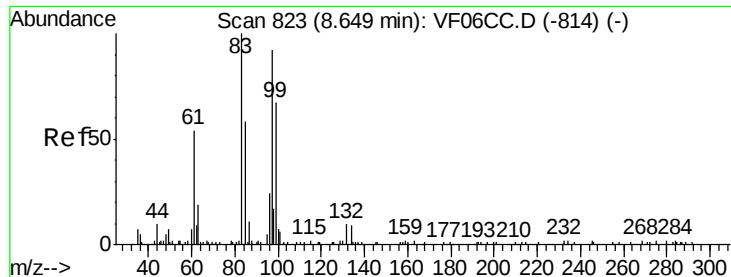
Tot Ion: 75 Resp: 215916
Ion Ratio Lower Upper
75 100
77 34.9 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 21.301 ug/l
RT: 7.46 min Scan# 703
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion: 75 Resp: 266534
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
39 35.4 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 22.618 ug/l

RT: 8.64 min Scan# 823

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 97 Resp: 127236

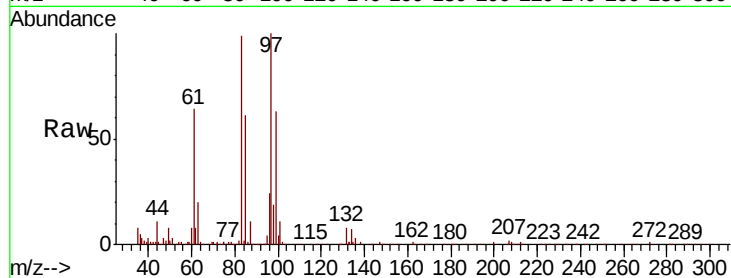
Ion Ratio Lower Upper

97 100

83 98.8 72.0 108.0

85 61.0 47.5 71.3

99 63.5 54.1 81.1

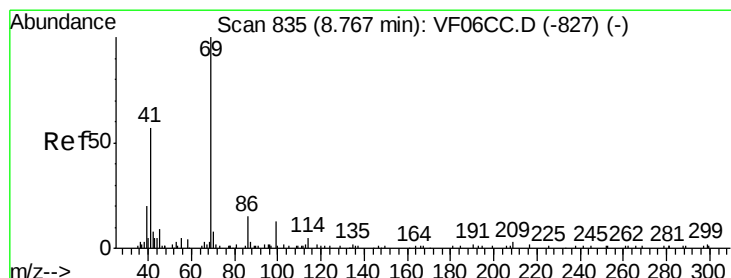
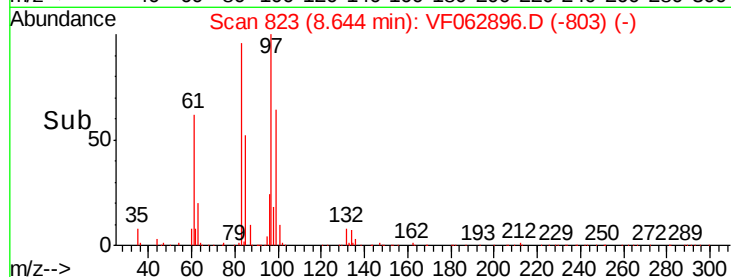
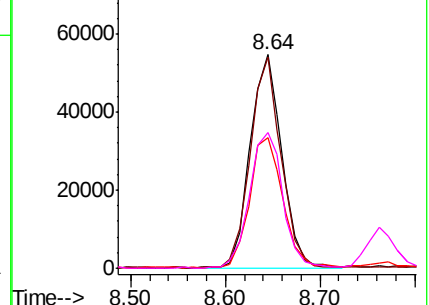


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 22.235 ug/l

RT: 8.76 min Scan# 835

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

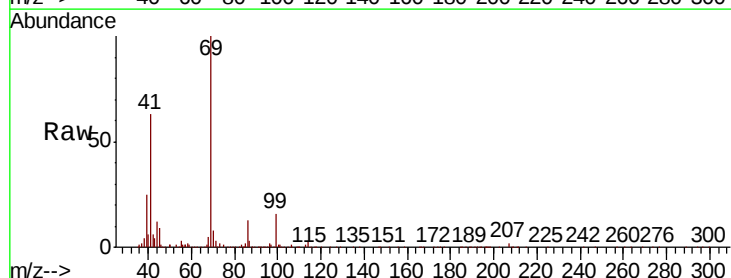
Tgt Ion: 69 Resp: 134208

Ion Ratio Lower Upper

69 100

41 62.9 46.6 69.8

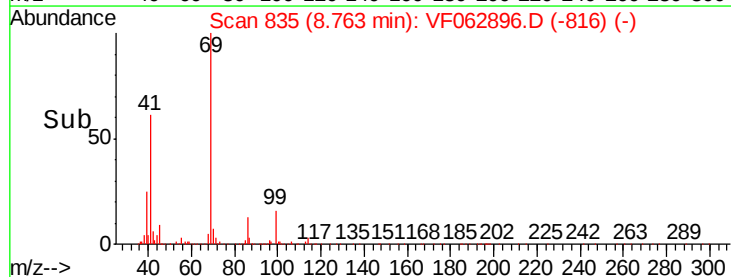
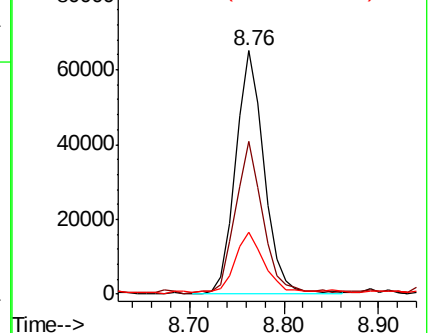
39 25.3 19.6 29.4

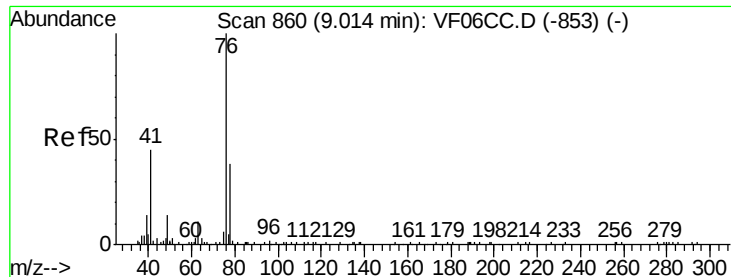


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 24.440 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

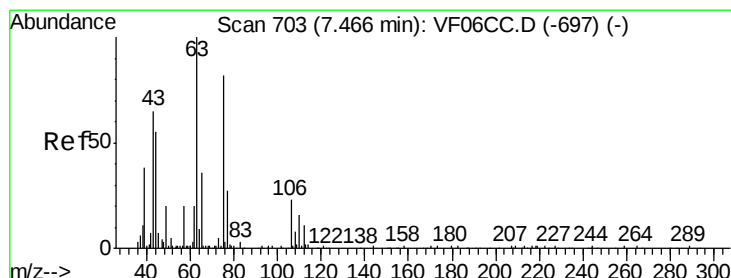
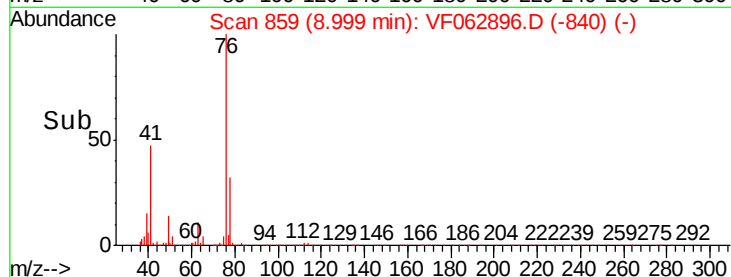
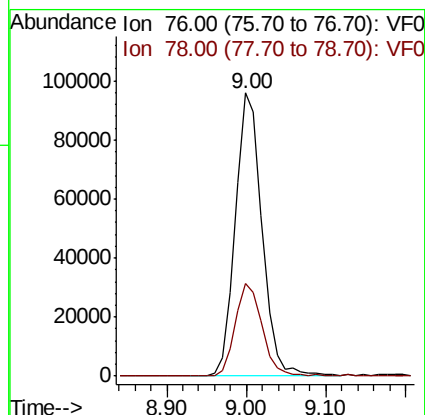
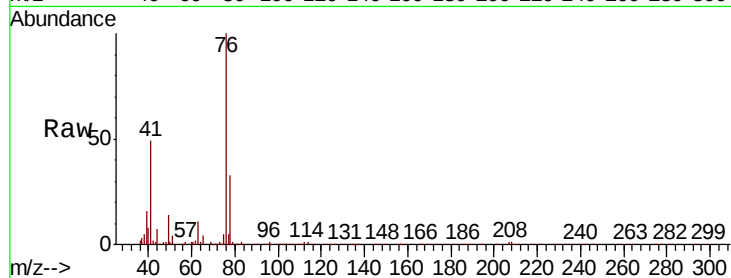
ClientSampled :

Tot Ion: 76 Resp: 224518

Ion Ratio Lower Upper

76 100

78 32.6 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 104.403 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF062896.D

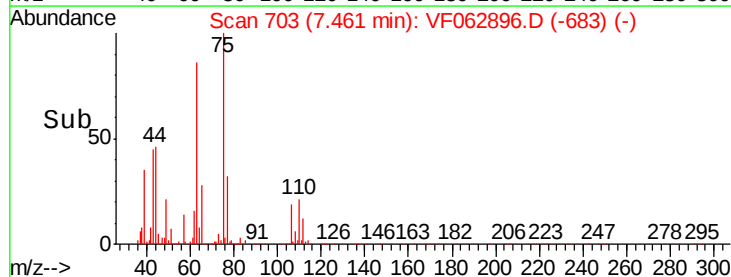
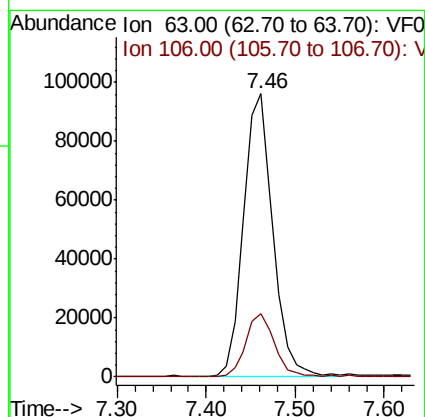
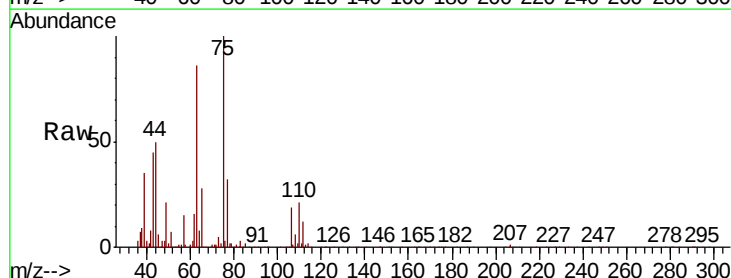
Acq: 7 Jun 2019 13:28

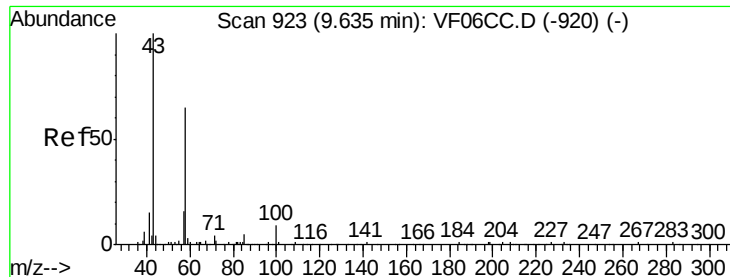
Tgt Ion: 63 Resp: 220238

Ion Ratio Lower Upper

63 100

106 22.5 19.5 29.3

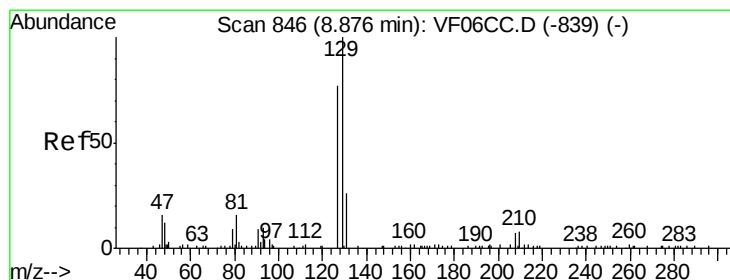
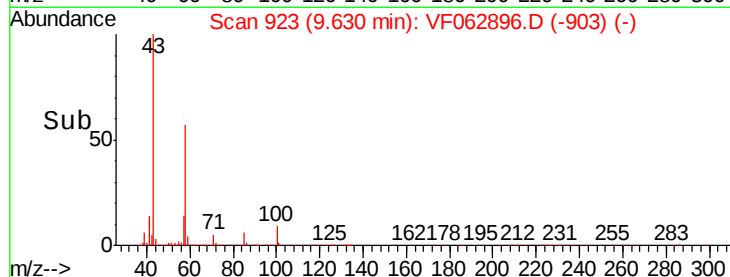
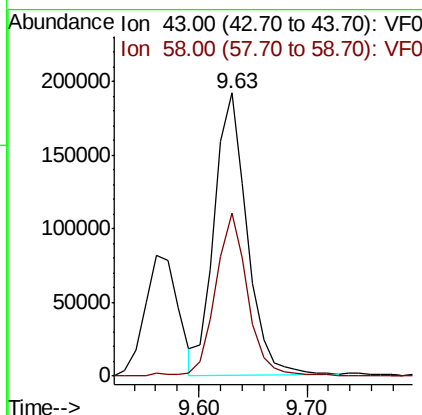
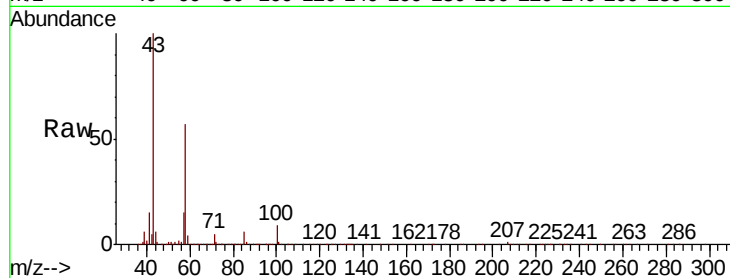




#59
2-Hexanone
Concen: 129.592 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

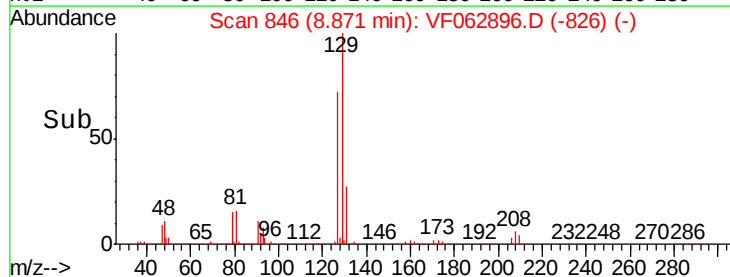
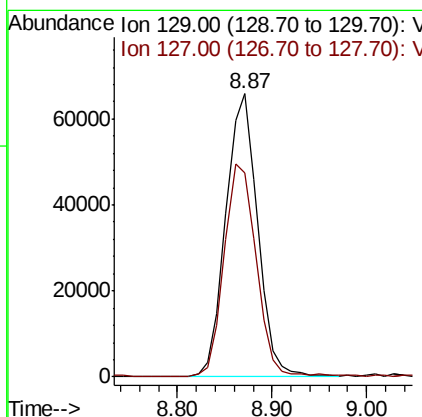
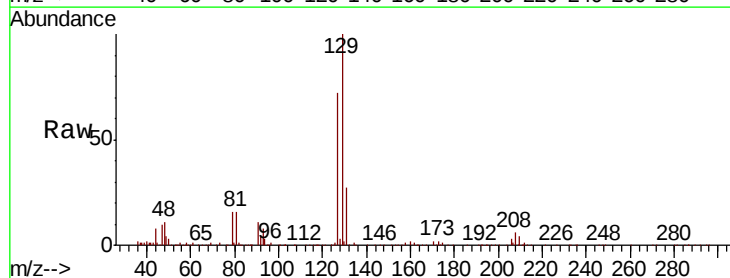
Instrument :
MSVOA_F
ClientSampled :

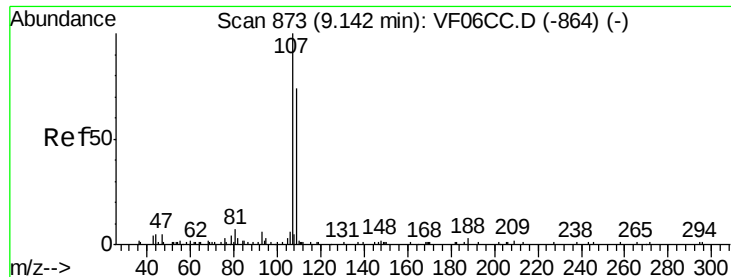
Tot Ion: 43 Resp: 400023
Ion Ratio Lower Upper
43 100
58 57.5 29.3 87.9



#60
Dibromochloromethane
Concen: 22.118 ug/l
RT: 8.87 min Scan# 846
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion:129 Resp: 154043
Ion Ratio Lower Upper
129 100
127 72.1 37.1 111.3





#61

1,2-Dibromoethane

Concen: 23.717 ug/l

RT: 9.14 min Scan# 873

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

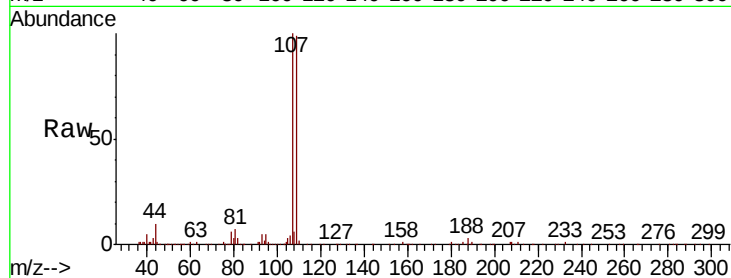
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:107 Resp: 138563

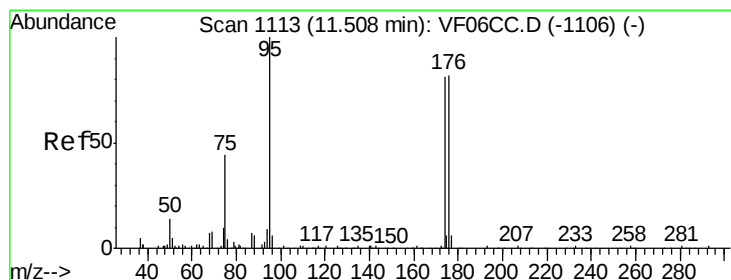
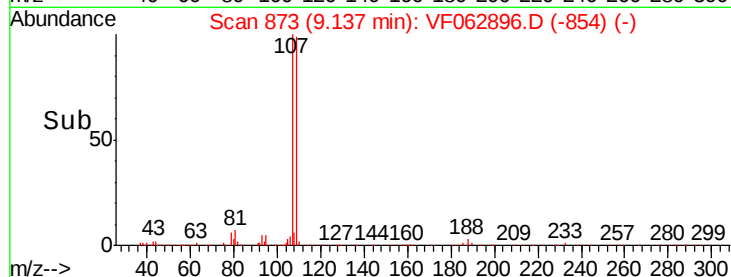
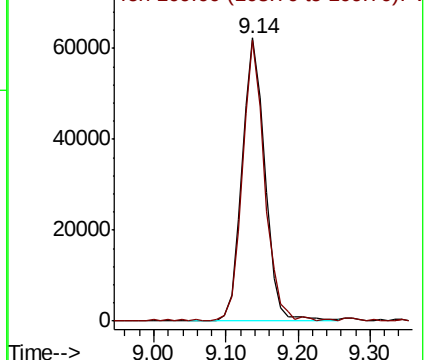
Ion Ratio Lower Upper

107 100

109 99.3 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 52.397 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

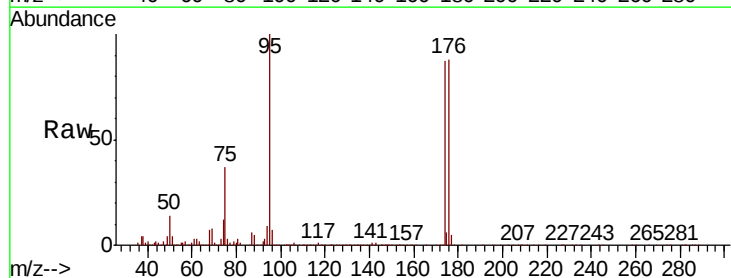
Tgt Ion: 95 Resp: 469948

Ion Ratio Lower Upper

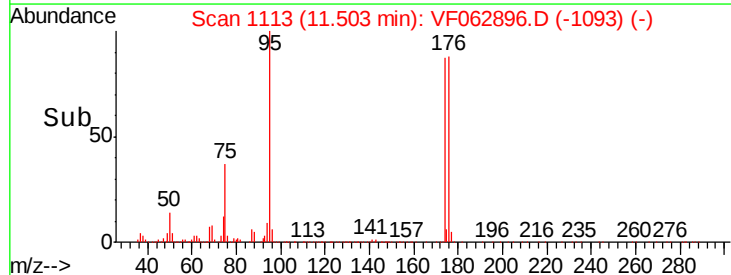
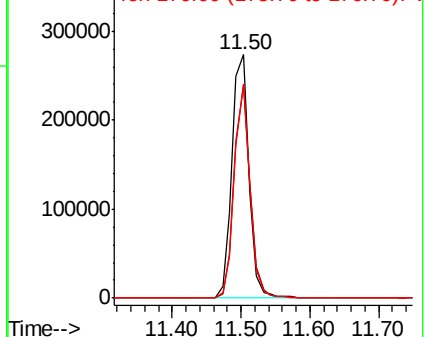
95 100

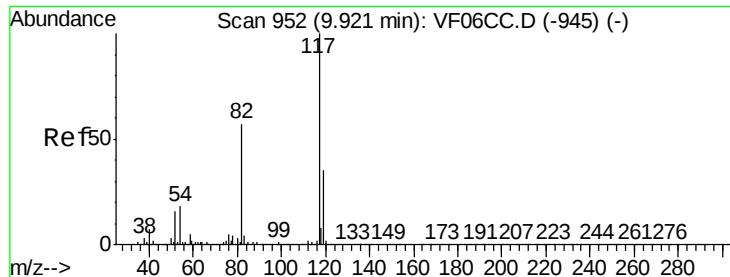
174 87.4 0.0 170.6

176 88.2 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

ClientSampleId :

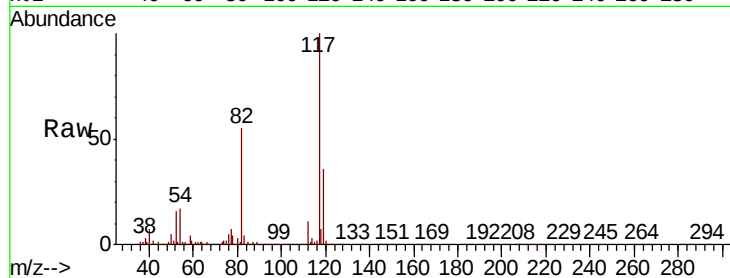
Tot Ion:117 Resp: 1037946

Ion Ratio Lower Upper

117 100

82 55.2 42.4 63.6

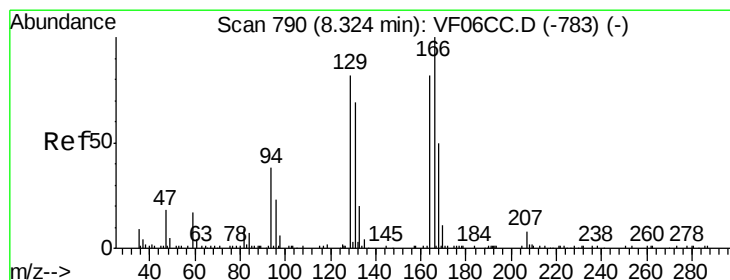
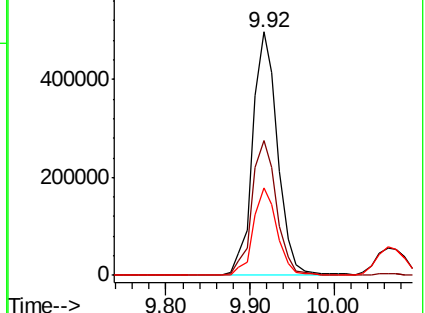
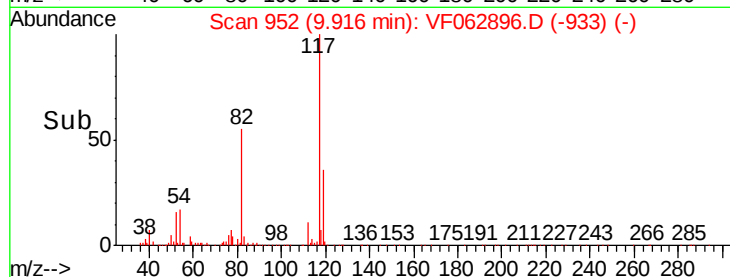
119 36.0 27.1 40.7



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: 21.995 ug/l

RT: 8.31 min Scan# 789

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Tgt Ion:164 Resp: 175434

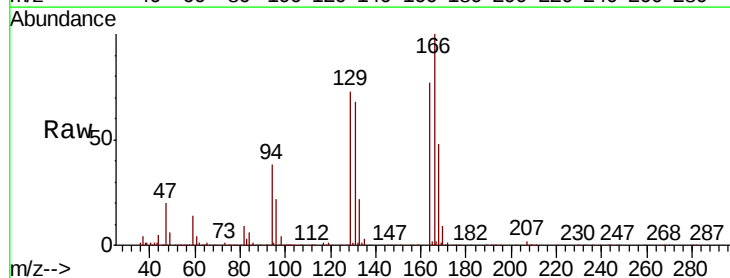
Ion Ratio Lower Upper

164 100

166 130.0 99.1 148.7

129 94.8 69.5 104.3

131 88.7 69.2 103.8

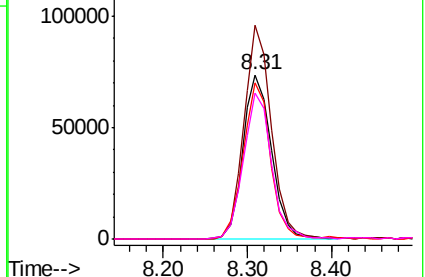
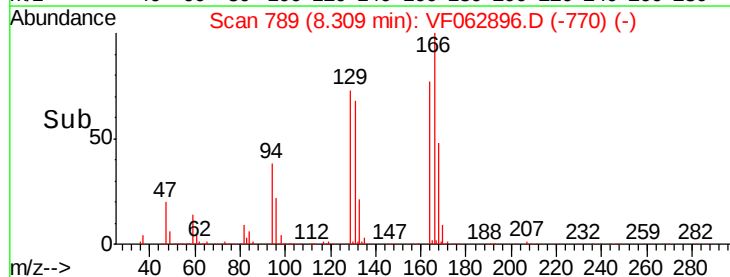


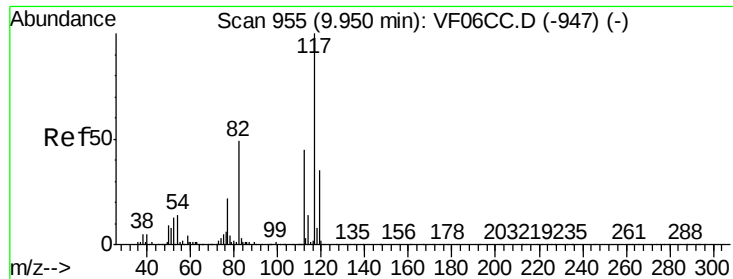
Abundance Ion 163.85 (163.55 to 164.55): V

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

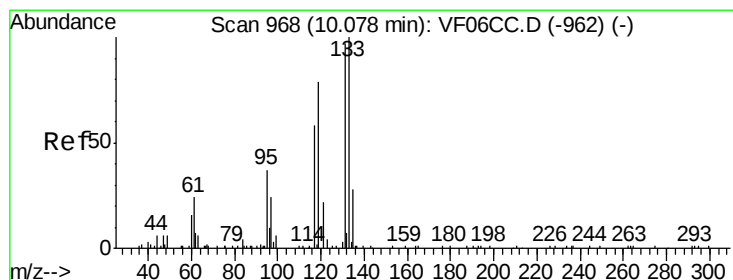
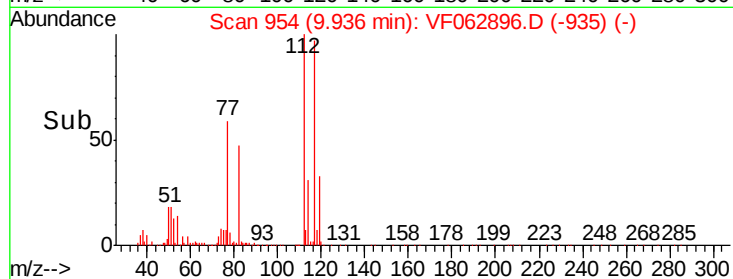
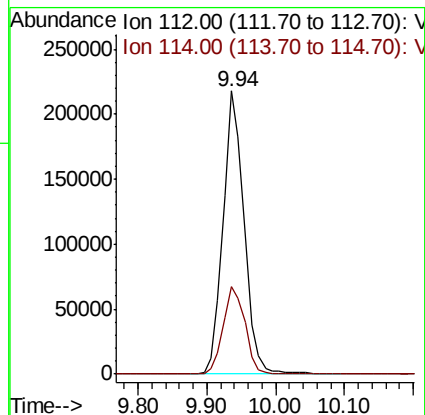
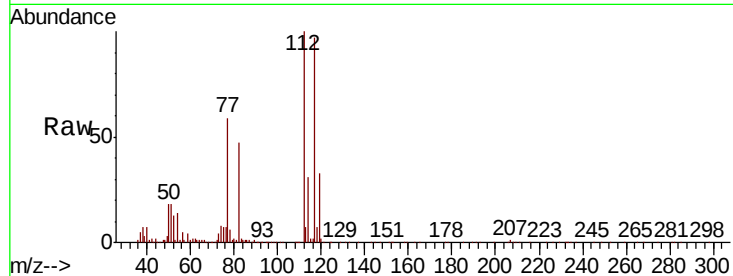




#65
Chlorobenzene
Concen: 23.052 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

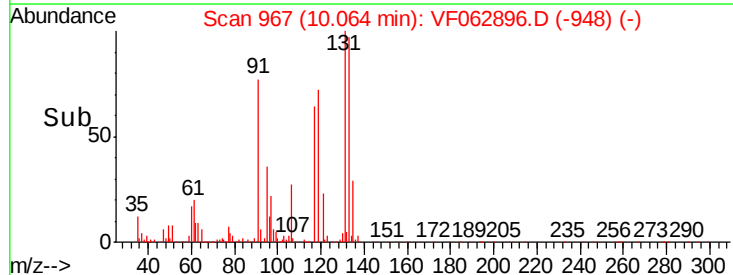
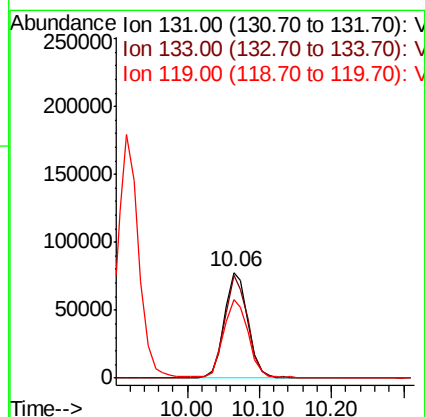
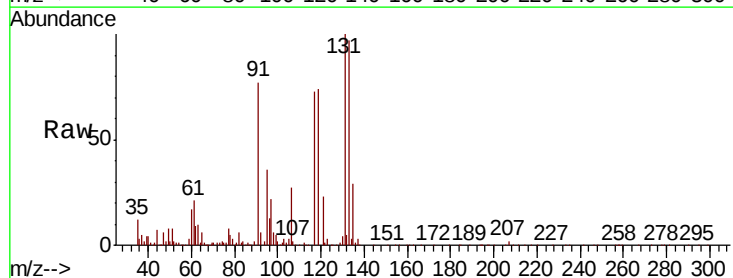
Instrument :
MSVOA_F
ClientSampleId :

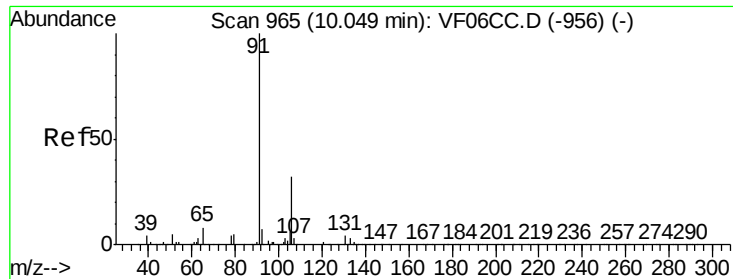
Tot Ion:112 Resp: 462072
Ion Ratio Lower Upper
112 100
114 31.1 27.4 41.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.950 ug/l
RT: 10.06 min Scan# 967
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion:131 Resp: 175226
Ion Ratio Lower Upper
131 100
133 97.3 48.9 146.7
119 74.2 38.0 114.0





#67

Ethyl Benzene

Concen: 23.359 ug/l

RT: 10.03 min Scan# 964

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

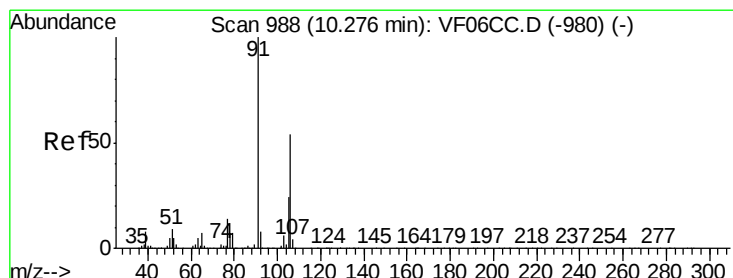
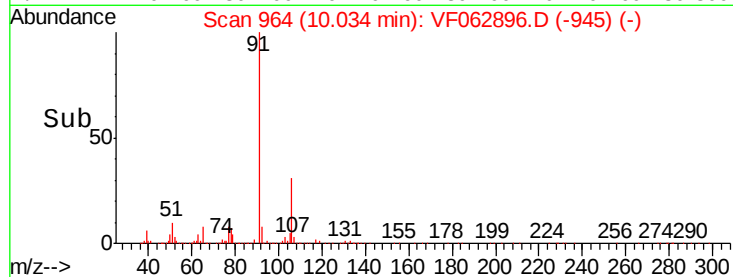
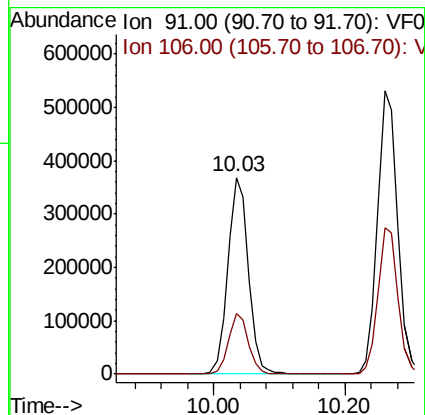
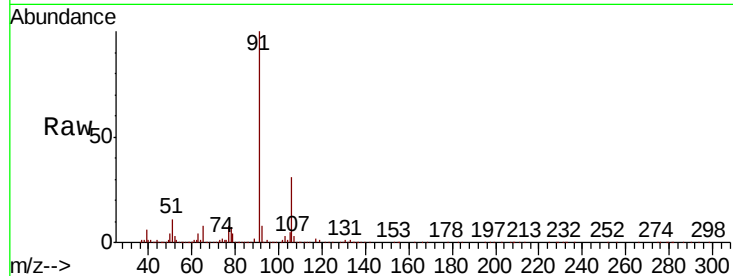
ClientSampleId :

Tot Ion: 91 Resp: 803487

Ion Ratio Lower Upper

91 100

106 30.8 26.0 39.0



#68

m/p-Xylenes

Concen: 44.437 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.02 min

Lab File: VF062896.D

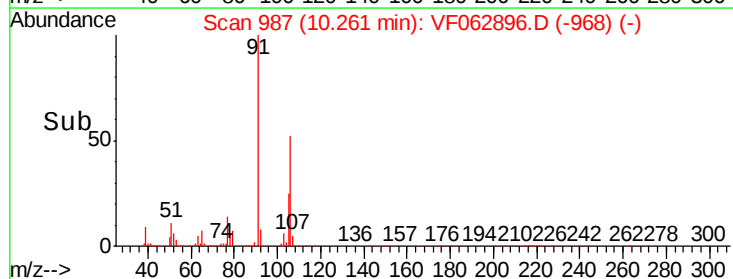
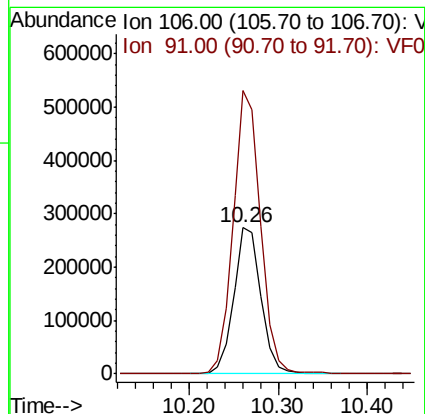
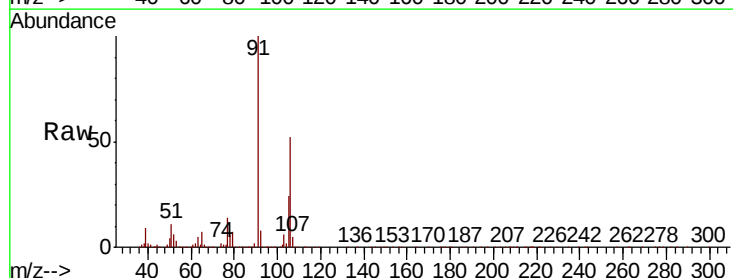
Acq: 7 Jun 2019 13:28

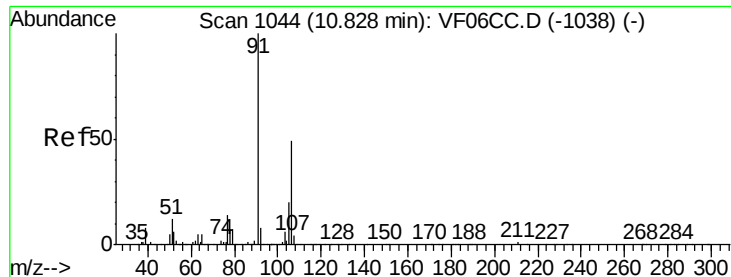
Tgt Ion: 106 Resp: 584897

Ion Ratio Lower Upper

106 100

91 193.6 136.2 204.4

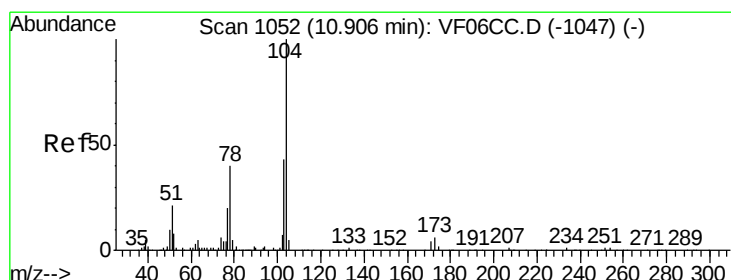
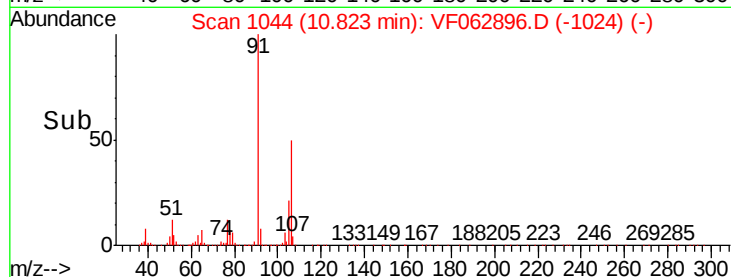
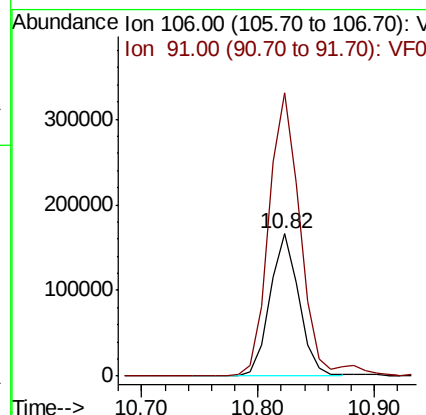
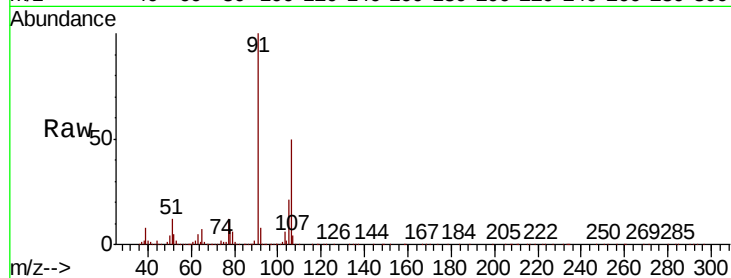




#69
o-Xylene
Concen: 21.463 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

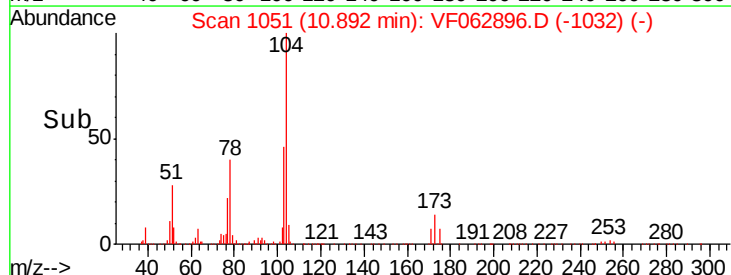
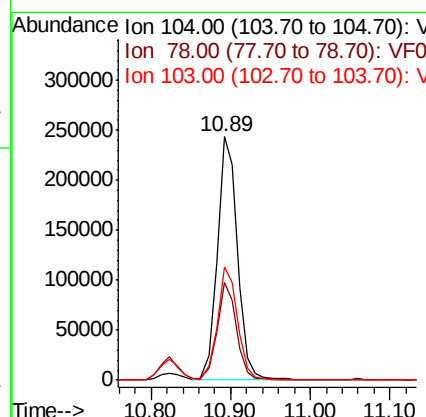
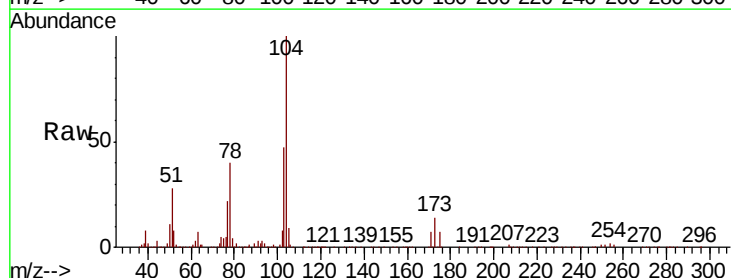
Instrument :
MSVOA_F
ClientSampleId :

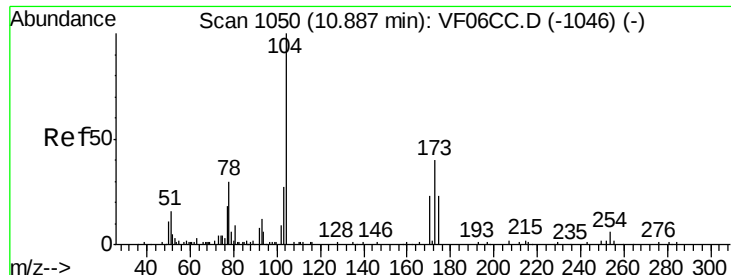
Tot Ion:106 Resp: 286030
Ion Ratio Lower Upper
106 100
91 198.7 96.6 289.8



#70
Styrene
Concen: 22.150 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion:104 Resp: 435077
Ion Ratio Lower Upper
104 100
78 40.1 30.8 46.2
103 46.5 35.8 53.6





#71

Bromoform

Concen: 21.294 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

ClientSampleId :

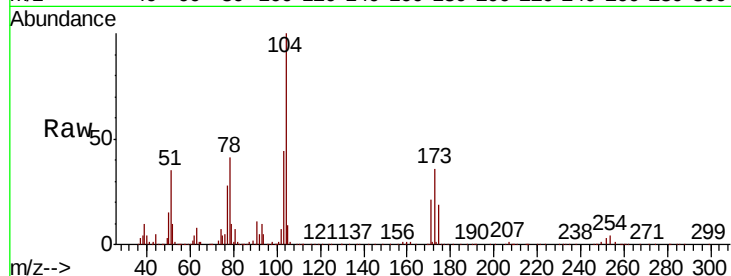
Tot Ion:173 Resp: 81544

Ion Ratio Lower Upper

173 100

175 52.8 24.6 74.0

254 0.0 0.1 0.1#

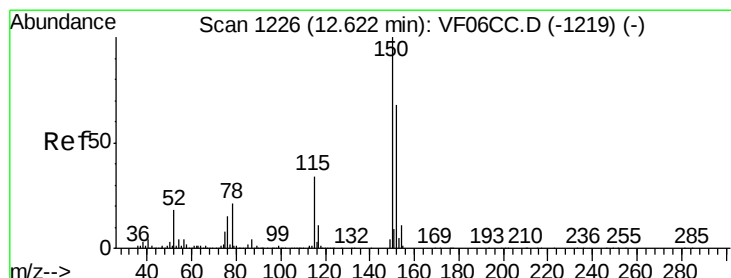
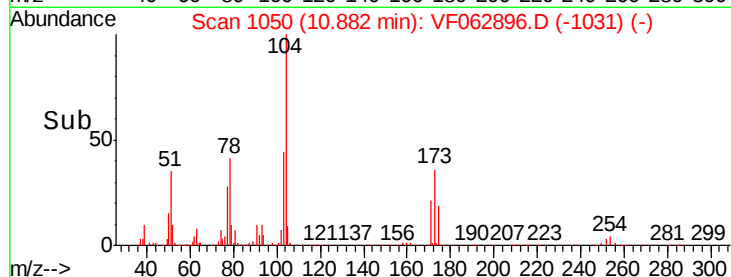
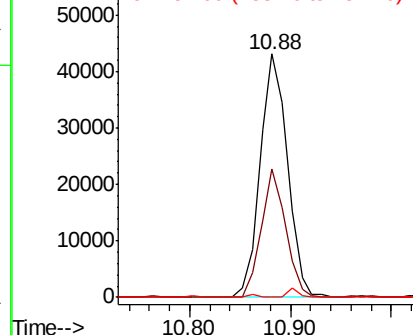


Abundance

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: VF062896.D

Acq: 7 Jun 2019 13:28

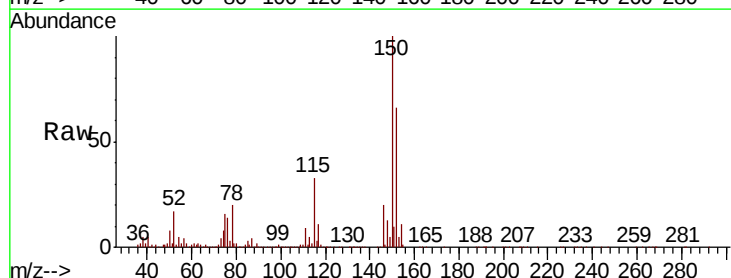
Tgt Ion:152 Resp: 519901

Ion Ratio Lower Upper

152 100

115 49.8 24.6 74.0

150 151.2 0.0 290.6

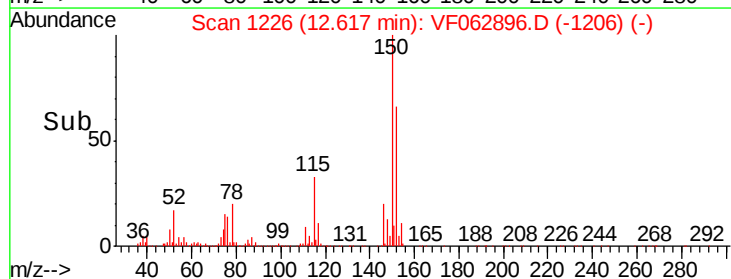
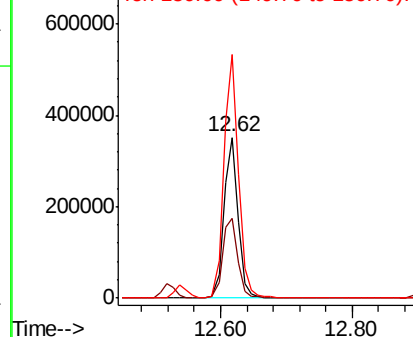


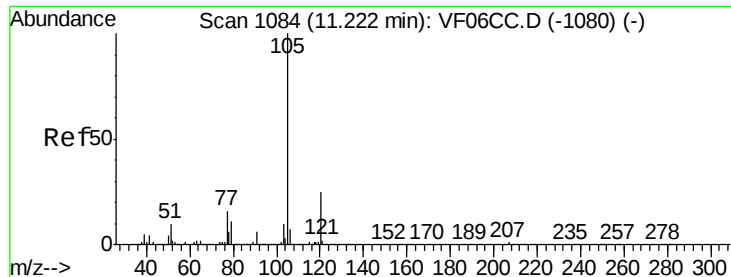
Abundance

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: 21.822 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

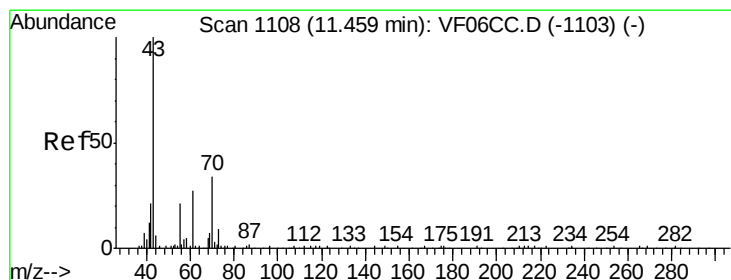
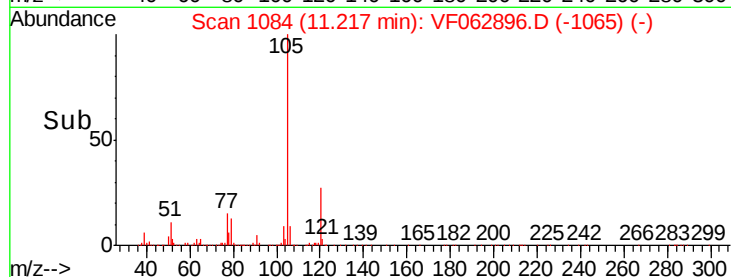
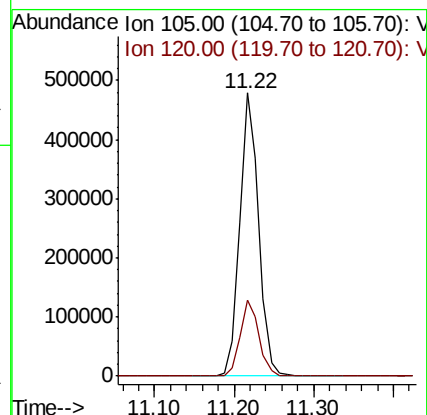
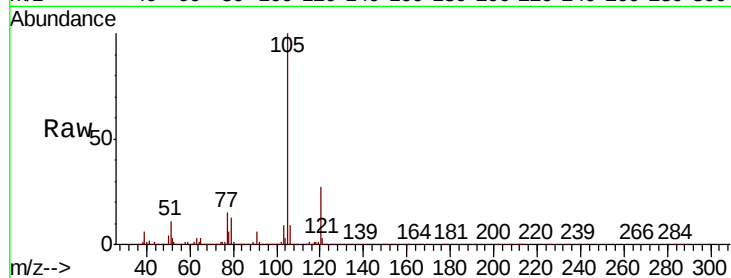
ClientSampled :

Tot Ion:105 Resp: 791629

Ion Ratio Lower Upper

105 100

120 26.9 15.1 45.3



#74

N-ethyl acetate

Concen: 21.125 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Tgt Ion: 43 Resp: 215984

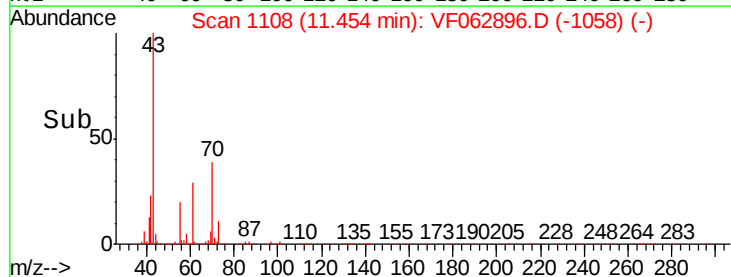
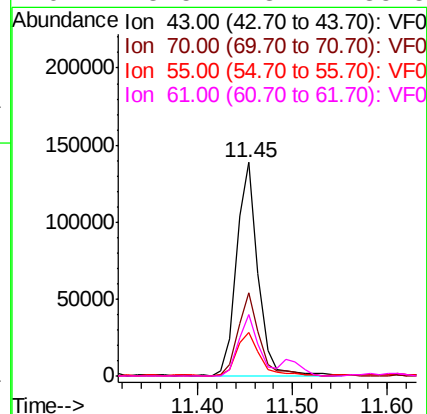
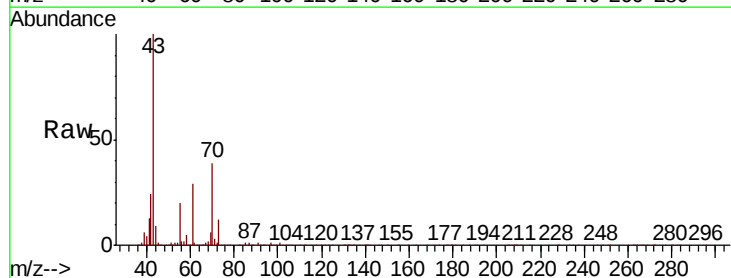
Ion Ratio Lower Upper

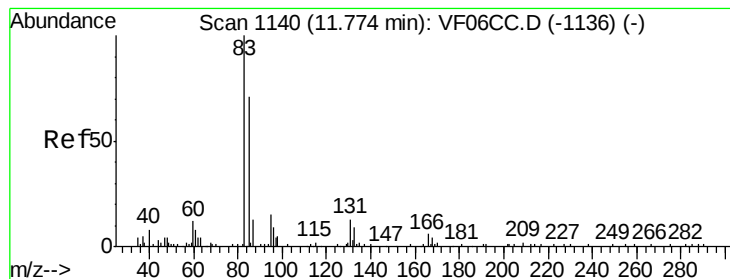
43 100

70 39.1 32.9 49.3

55 20.4 17.3 25.9

61 28.5 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.957 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

ClientSampleId :

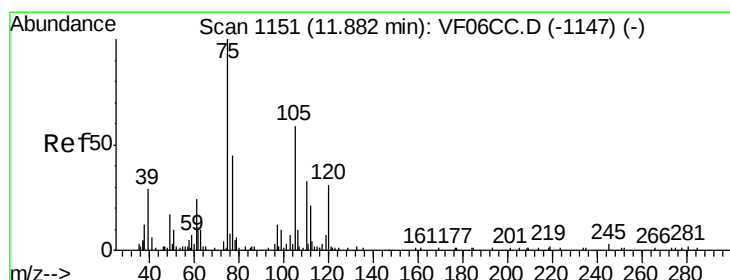
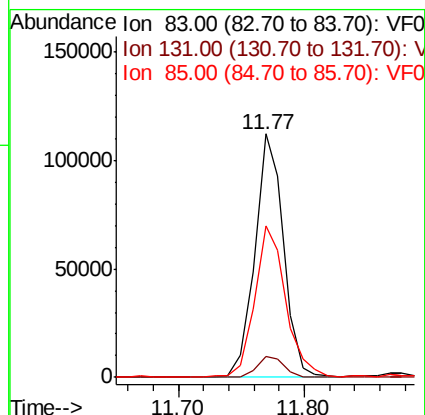
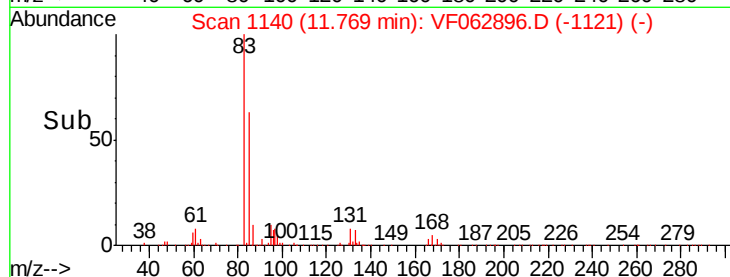
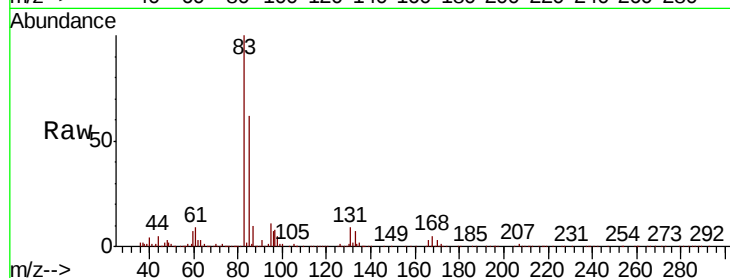
Tot Ion: 83 Resp: 177843

Ion	Ratio	Lower	Upper
83	100		
131	8.6	4.9	14.7
85	62.5	32.1	96.5

83 100

131 8.6 4.9 14.7

85 62.5 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 21.996 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.02 min

Lab File: VF062896.D

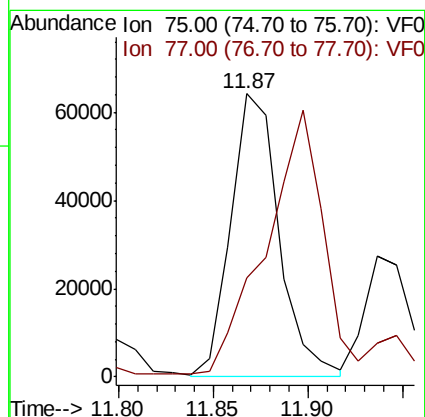
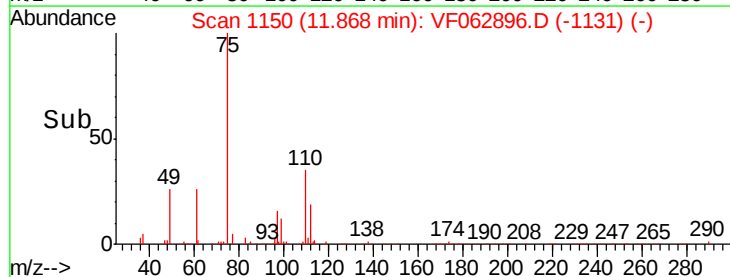
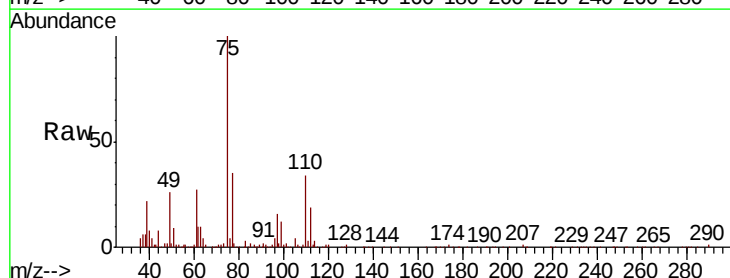
Acq: 7 Jun 2019 13:28

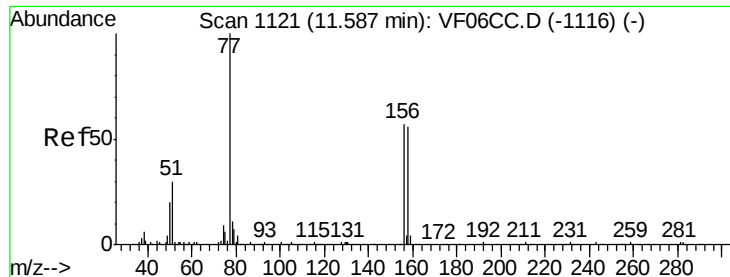
Tgt Ion: 75 Resp: 112951

Ion	Ratio	Lower	Upper
75	100		
77	34.9	20.1	60.2

75 100

77 34.9 20.1 60.2





#77

Bromobenzene

Concen: 20.849 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

ClientSampleId :

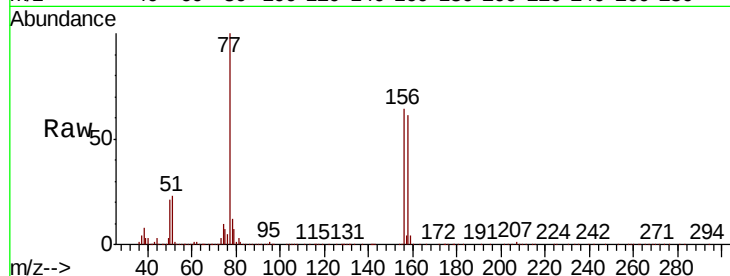
Tot Ion:156 Resp: 190032

Ion Ratio Lower Upper

156 100

77 157.2 64.2 192.6

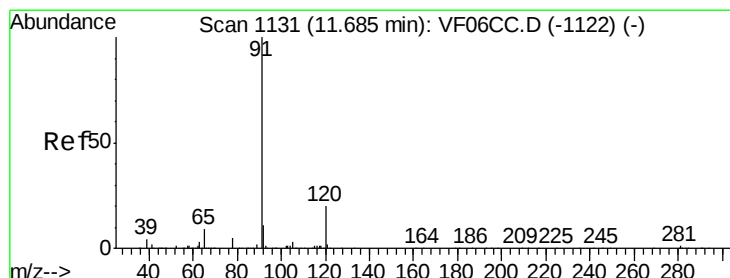
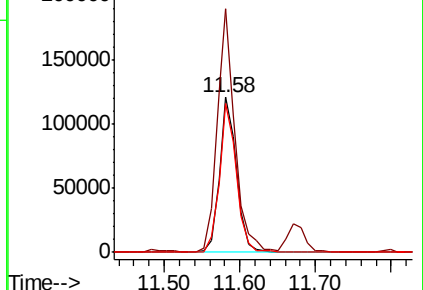
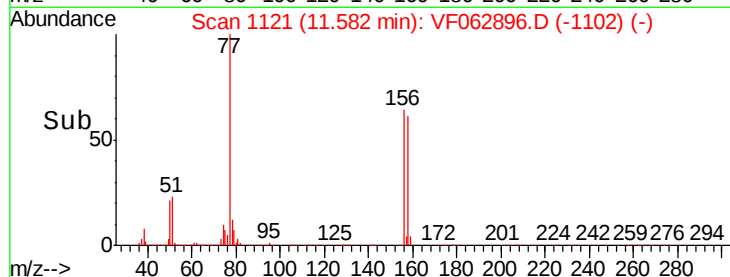
158 96.4 50.3 151.0



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: 22.893 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. -0.02 min

Lab File: VF062896.D

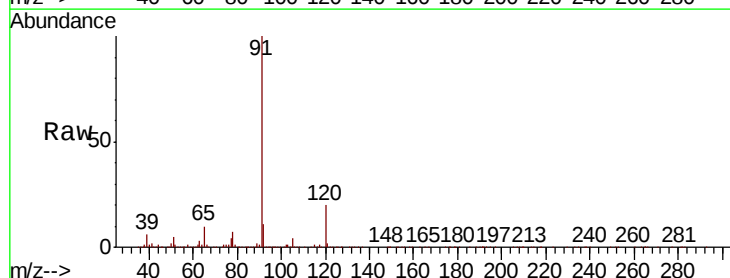
Acq: 7 Jun 2019 13:28

Tgt Ion: 91 Resp: 1002743

Ion Ratio Lower Upper

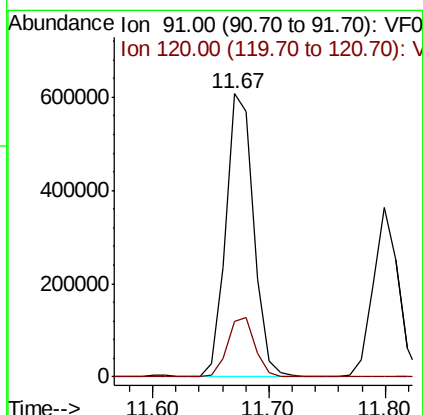
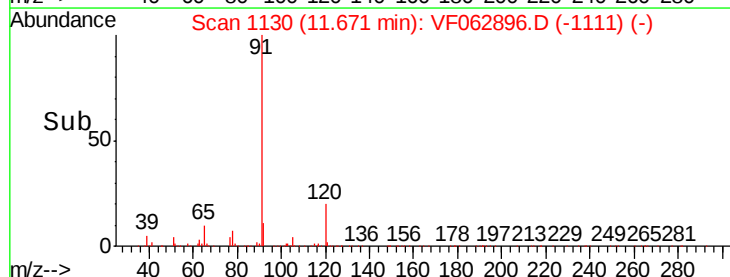
91 100

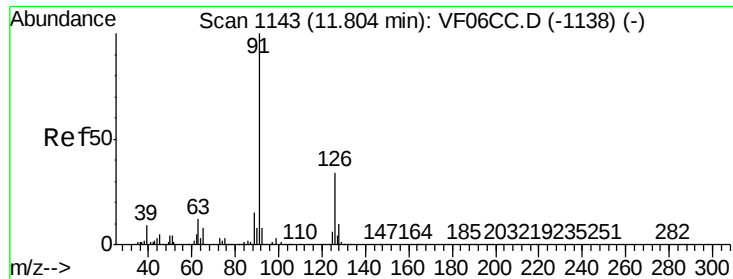
120 19.8 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

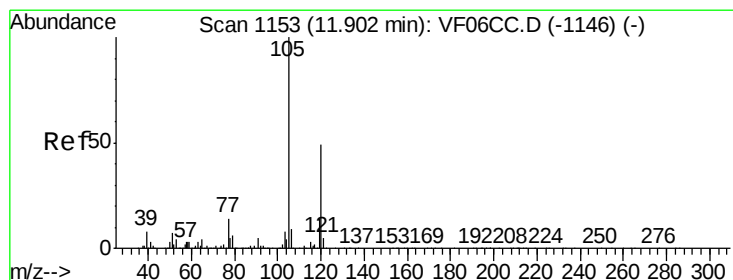
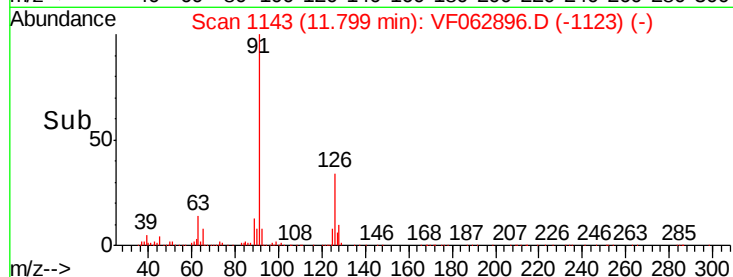
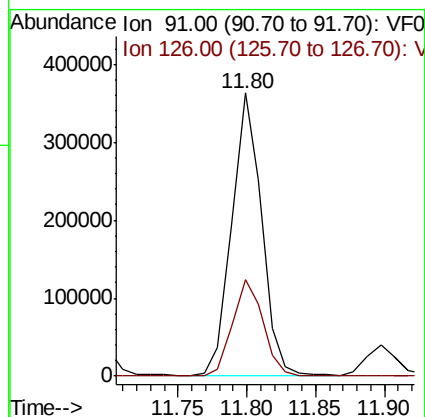
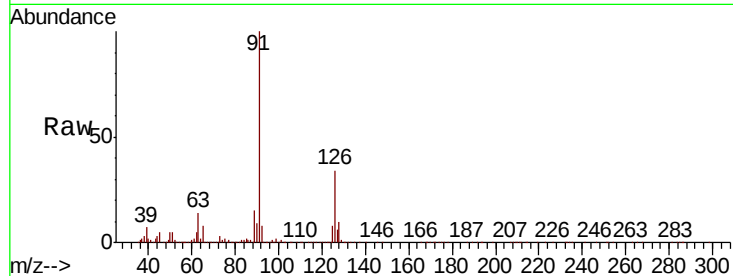




#79
 2-Chlorotoluene
 Concen: 21.725 ug/l
 RT: 11.80 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

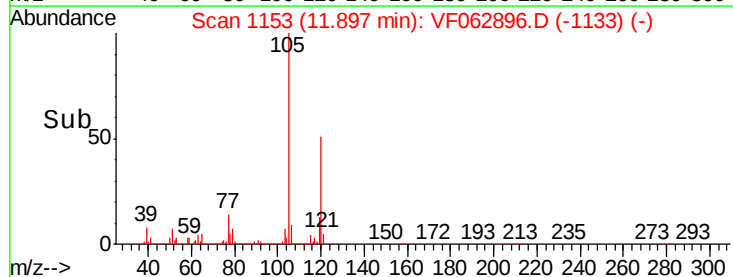
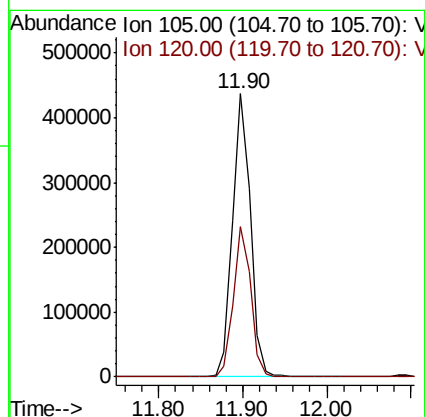
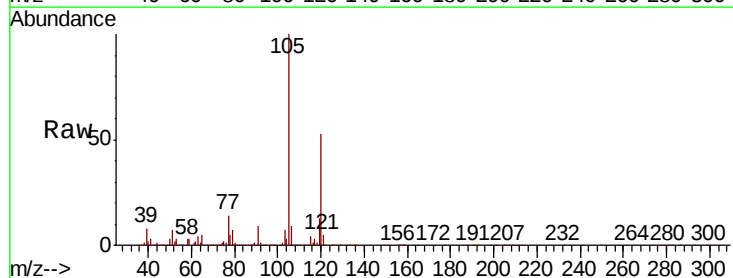
Instrument :
 MSVOA_F
 ClientSampleId :

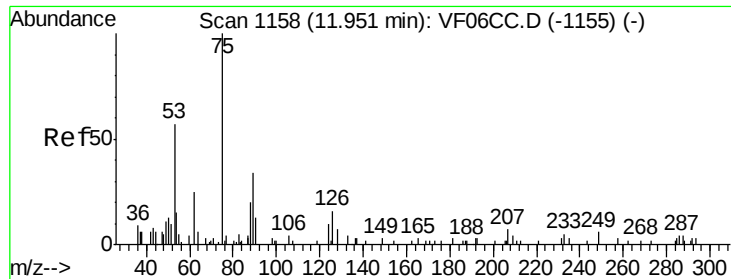
Tot Ion: 91 Resp: 544482
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.797 ug/l
 RT: 11.90 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

Tgt Ion: 105 Resp: 646641
 Ion Ratio Lower Upper
 105 100
 120 53.2 28.7 86.1

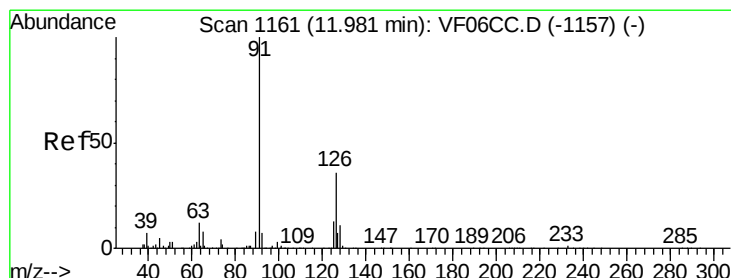
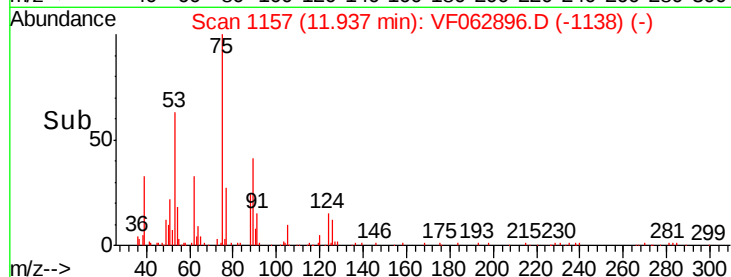
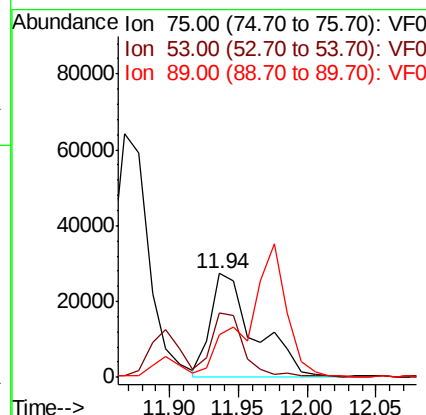
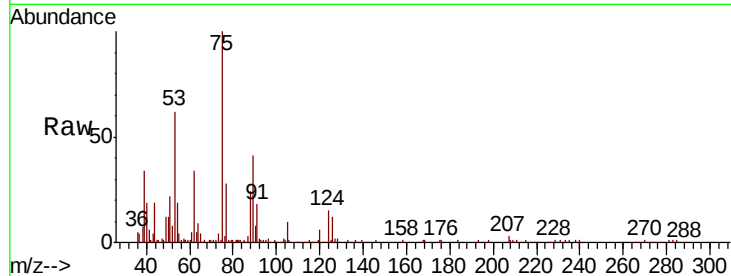




#81
trans-1,4-Dichloro-2-butene
Concen: 27.761 ug/l
RT: 11.94 min Scan# 1157
Delta R.T. -0.02 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

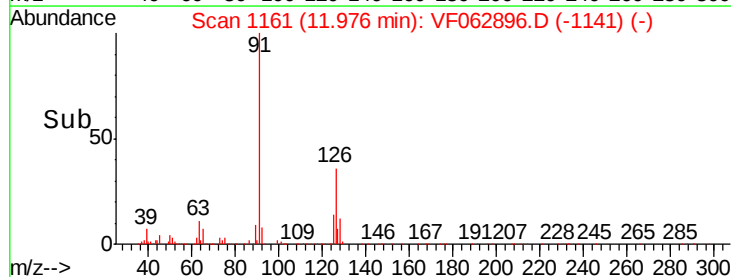
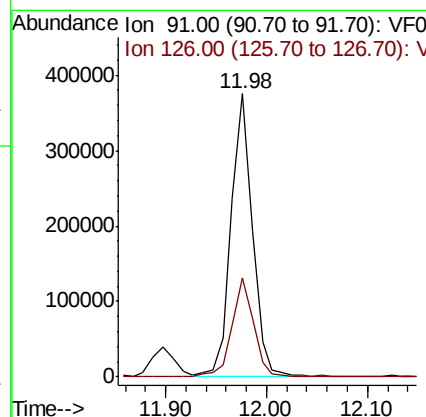
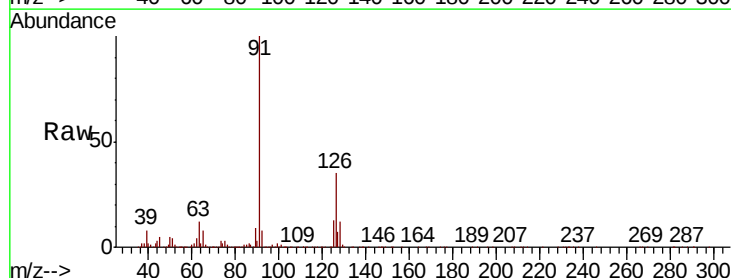
Instrument :
MSVOA_F
ClientSampleId :

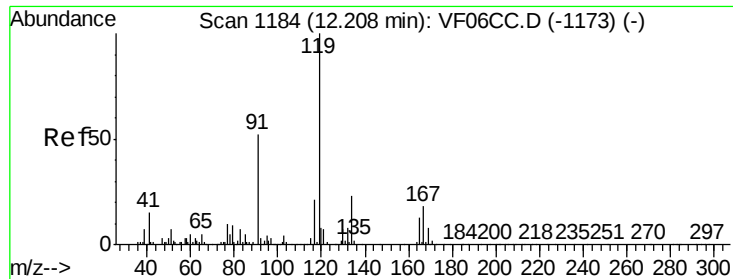
Tot Ion	Ratio	Lower	Upper
75	100		
53	62.4	43.5	65.3
89	40.6	34.3	51.5



#82
4-Chlorotoluene
Concen: 22.375 ug/l
RT: 11.98 min Scan# 1161
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	19.1	57.1

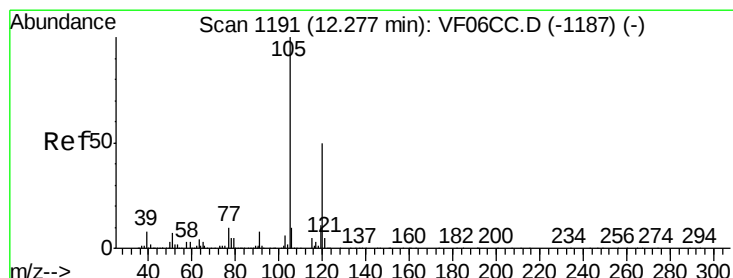
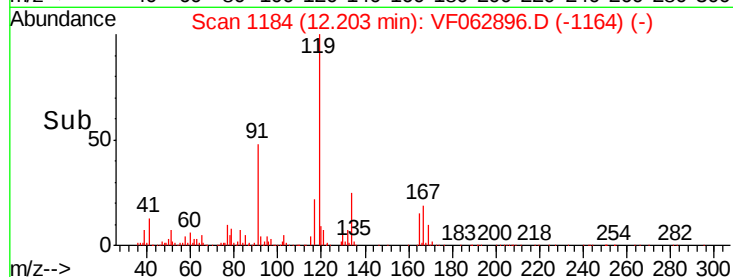
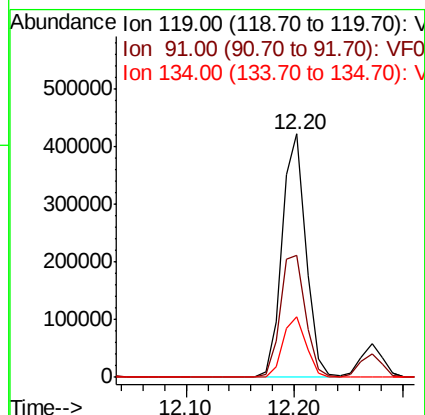
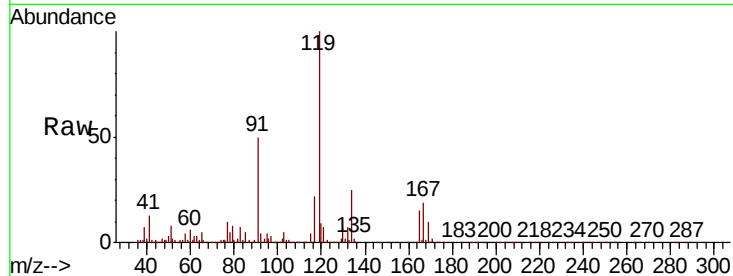




#83
tert-Butylbenzene
Concen: 22.066 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

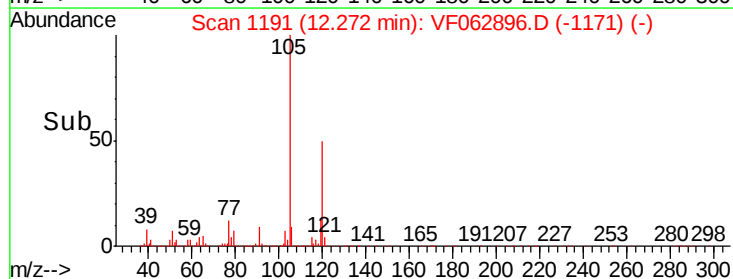
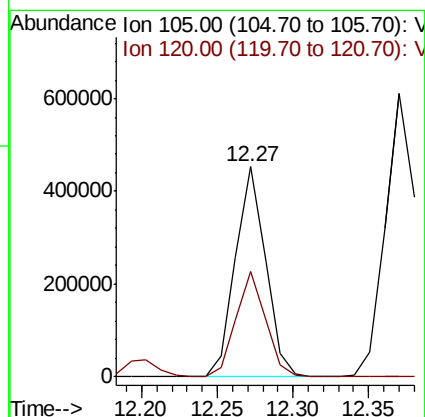
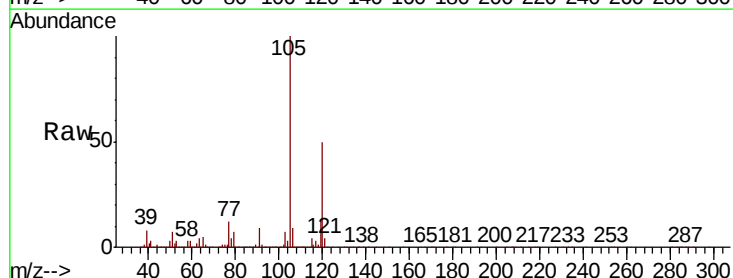
Instrument :
MSVOA_F
ClientSampleId :

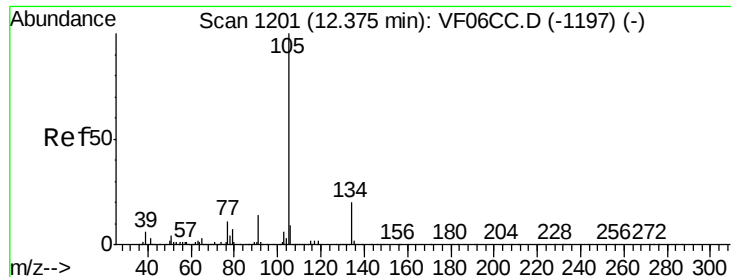
Tot Ion:119 Resp: 648663
Ion Ratio Lower Upper
119 100
91 49.9 28.9 86.7
134 25.1 14.3 42.9



#84
1,2,4-Trimethylbenzene
Concen: 22.361 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion:105 Resp: 628977
Ion Ratio Lower Upper
105 100
120 50.1 27.1 81.3

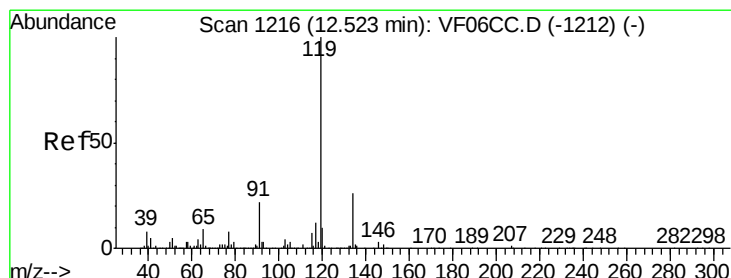
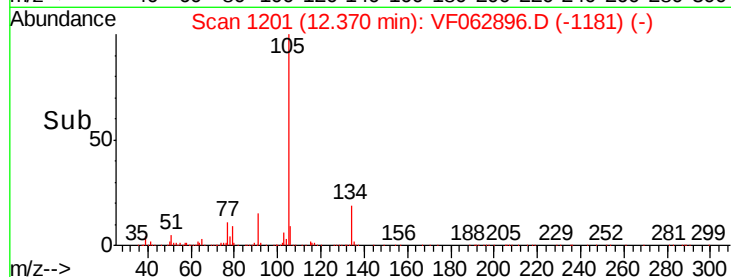
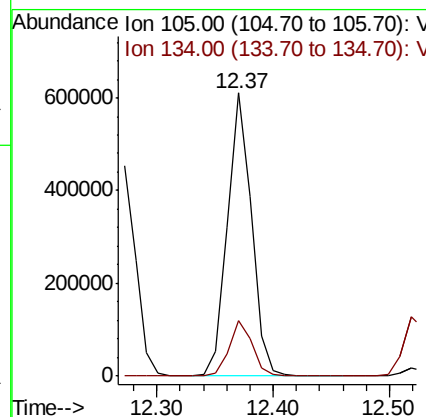
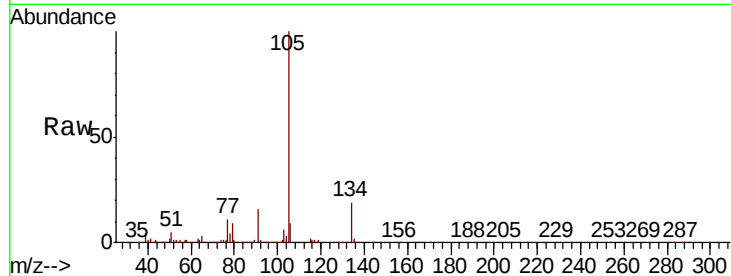




#85
 sec-Butylbenzene
 Concen: 22.535 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

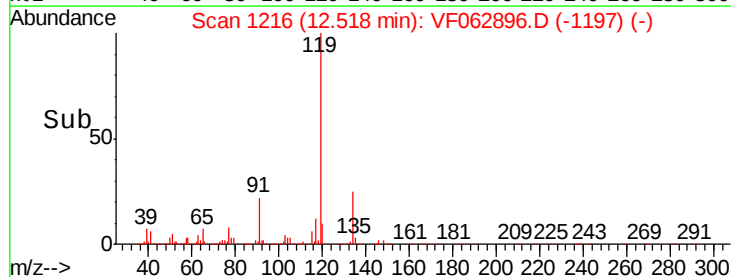
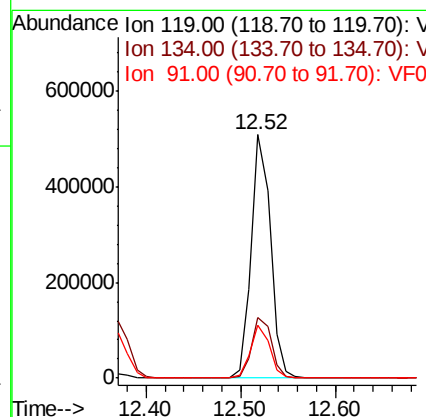
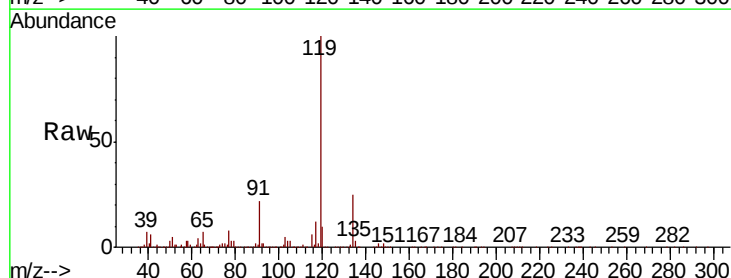
Instrument :
 MSVOA_F
 ClientSampleId :

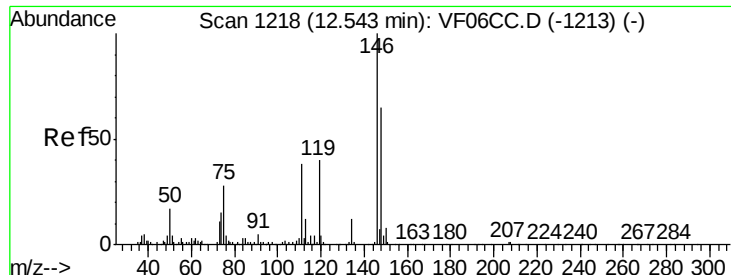
Tot Ion:105 Resp: 872869
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 22.317 ug/l
 RT: 12.52 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

Tgt Ion:119 Resp: 719515
 Ion Ratio Lower Upper
 119 100
 134 25.0 15.5 46.5
 91 21.8 10.3 30.9

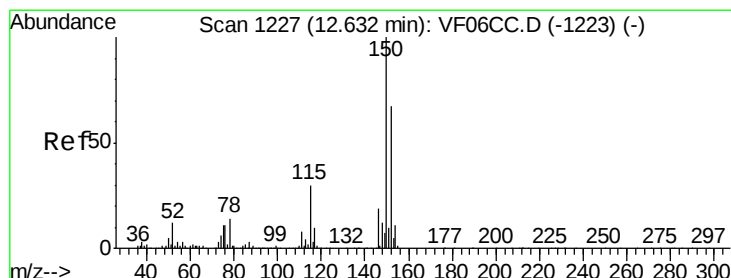
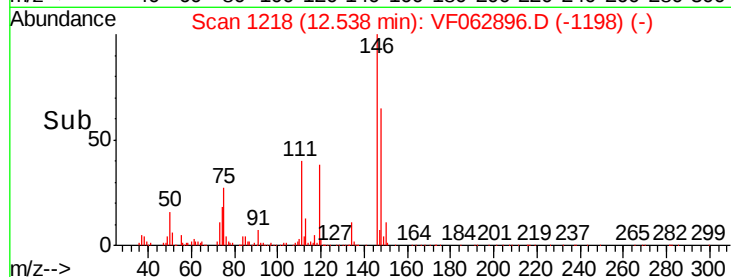
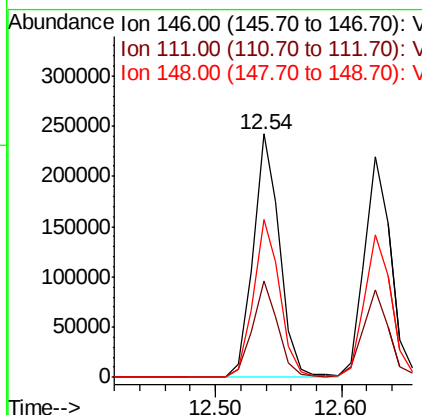
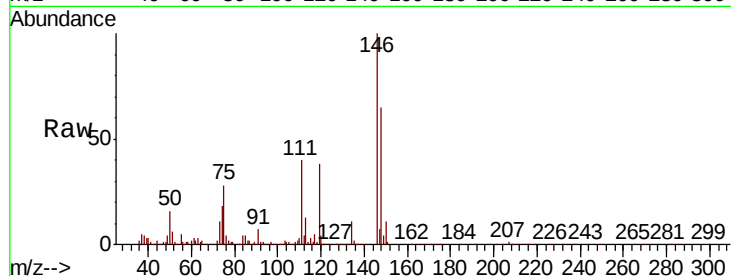




#87
 1,3-Dichlorobenzene
 Concen: 21.969 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

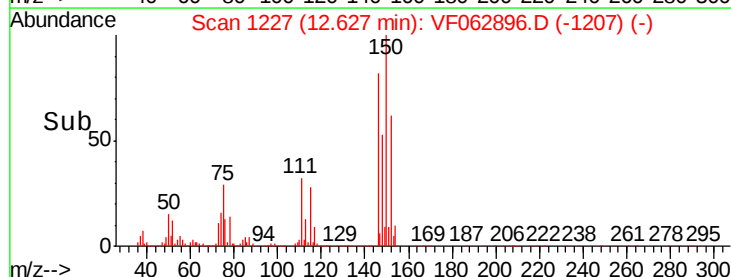
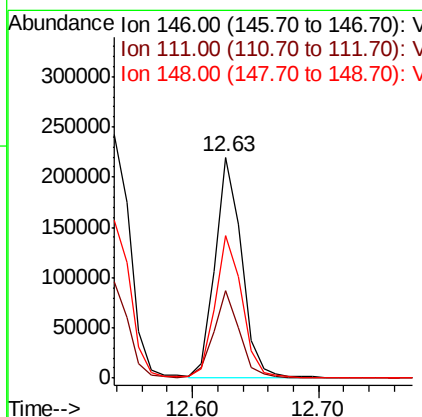
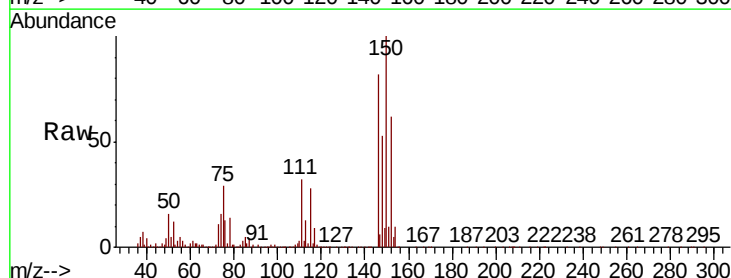
Instrument :
 MSVOA_F
 ClientSampleId :

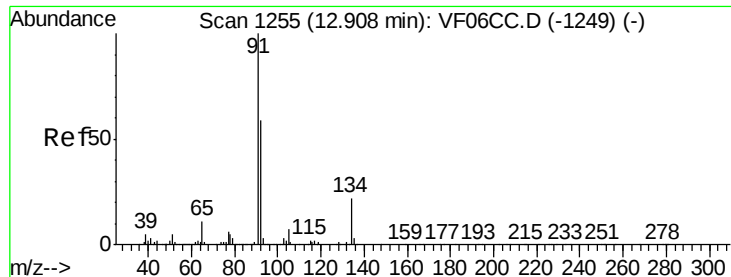
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	65.1	34.2	102.5



#88
 1,4-Dichlorobenzene
 Concen: 21.517 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	64.6	34.0	101.8

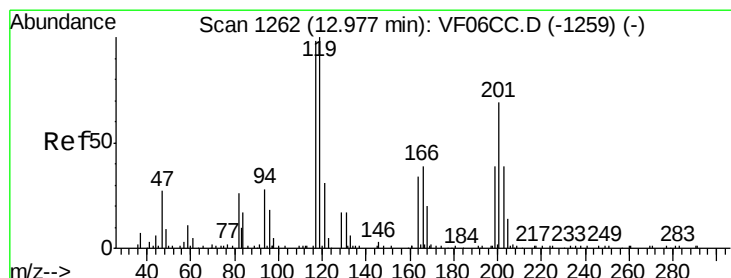
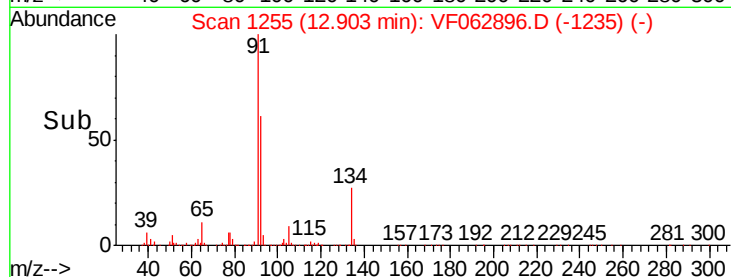
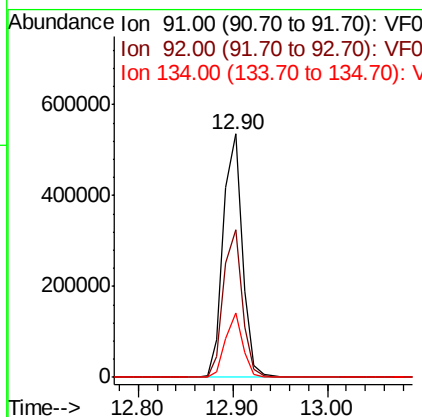
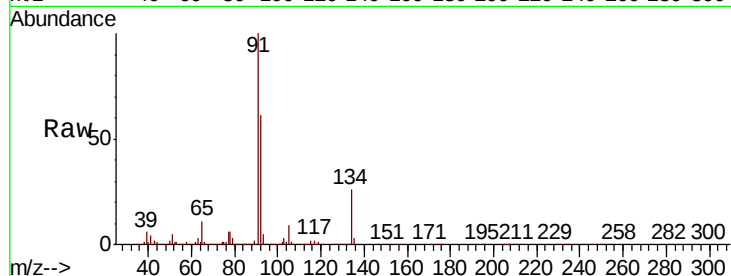




#89
n-Butylbenzene
Concen: 23.165 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

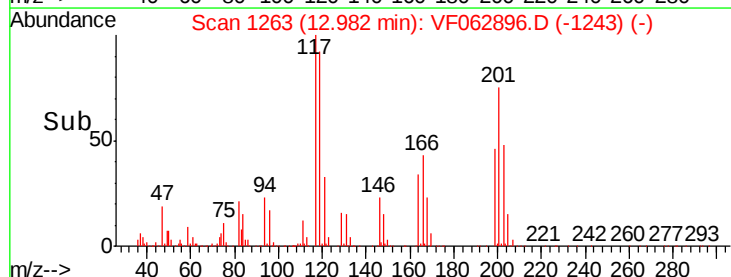
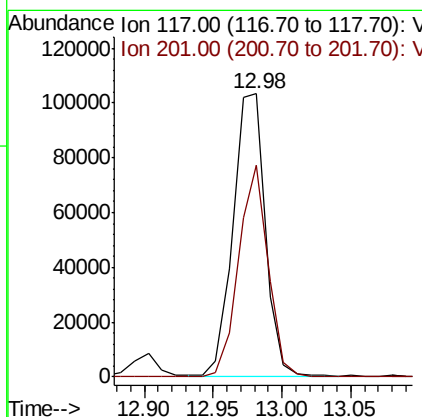
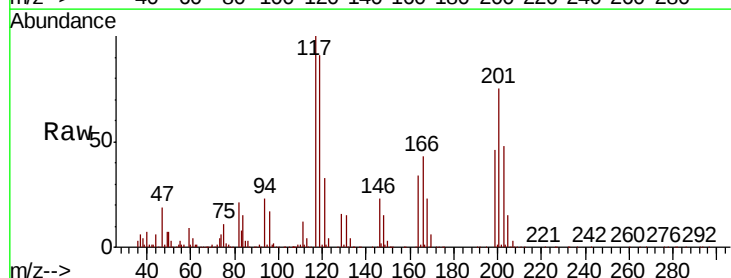
Instrument :
MSVOA_F
ClientSampleId :

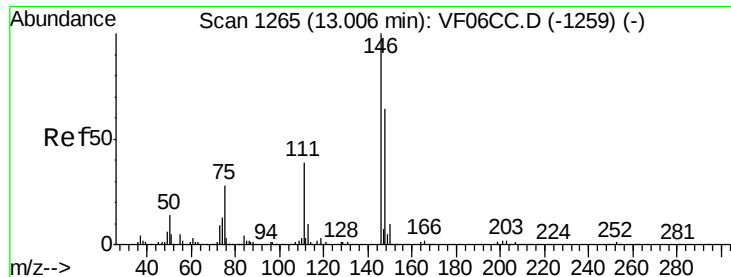
Tot Ion	Ratio	Lower	Upper
91	100		
92	60.6	34.2	102.6
134	26.5	15.8	47.3



#90
Hexachloroethane
Concen: 21.480 ug/l
RT: 12.98 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.2	38.9	116.7





#91

1,2-Dichlorobenzene

Concen: 21.033 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA_F

ClientSampled :

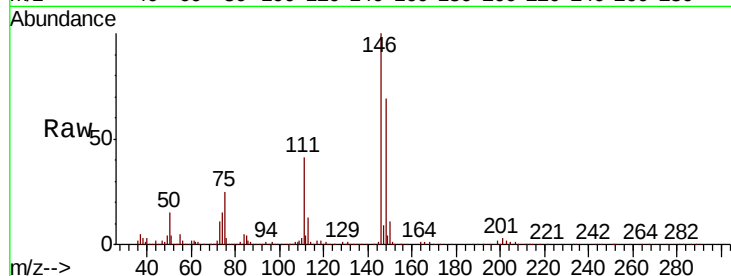
Tot Ion:146 Resp: 297183

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.3

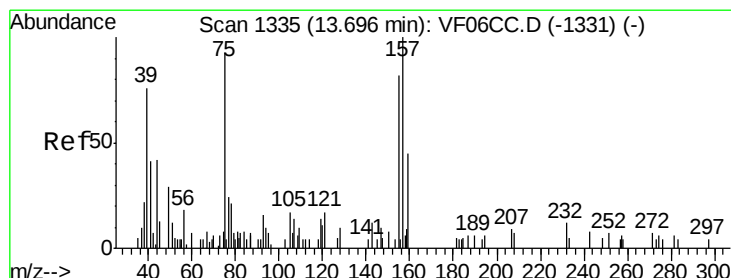
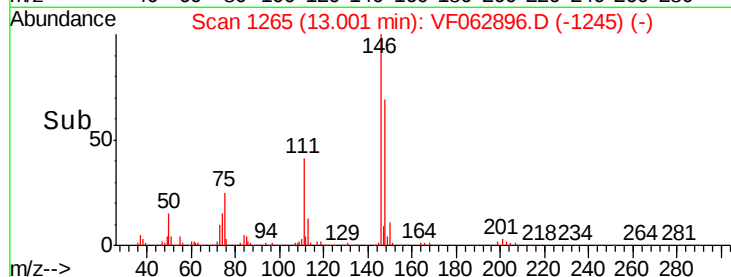
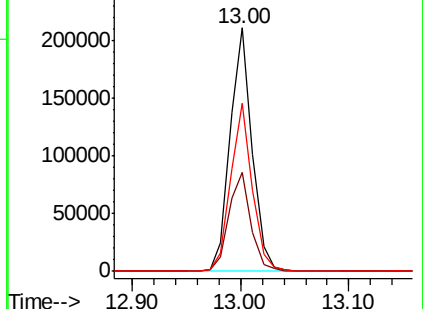
148 69.1 34.1 102.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.328 ug/l

RT: 13.69 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

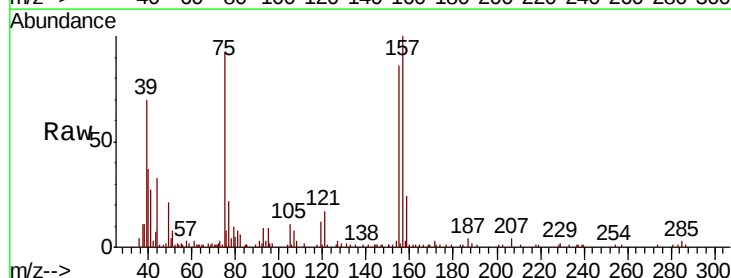
Tgt Ion: 75 Resp: 18845

Ion Ratio Lower Upper

75 100

155 95.9 51.7 155.1

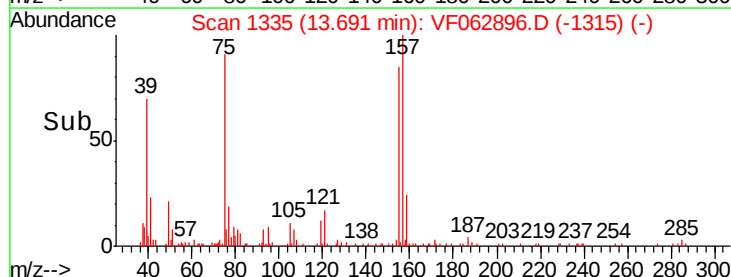
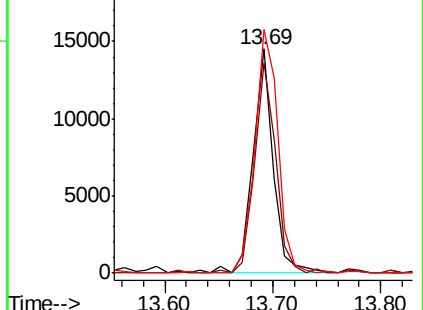
157 108.5 66.8 200.6

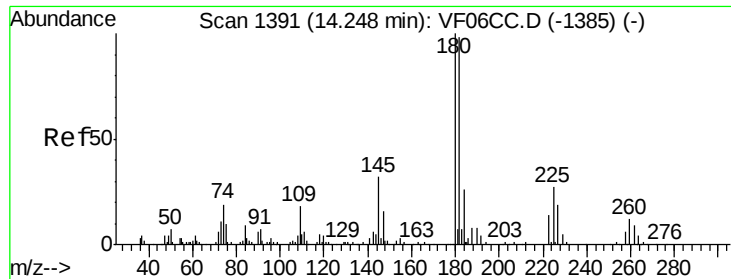


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

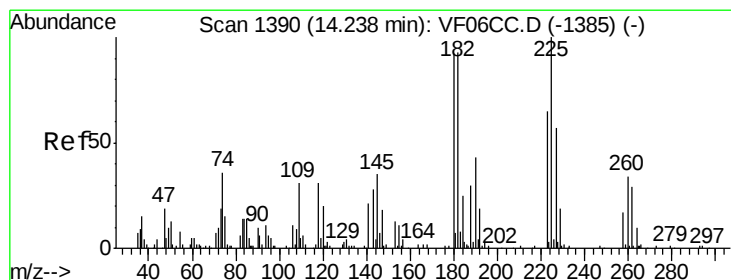
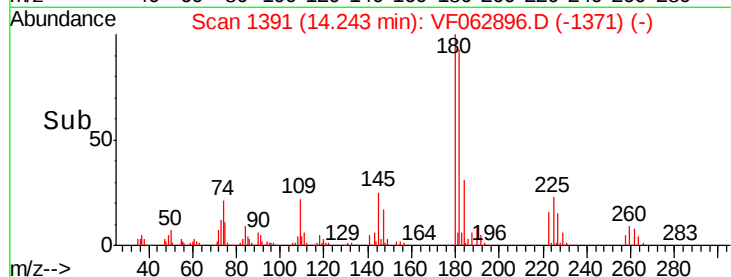
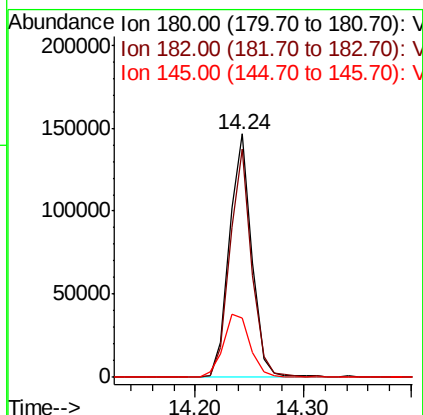
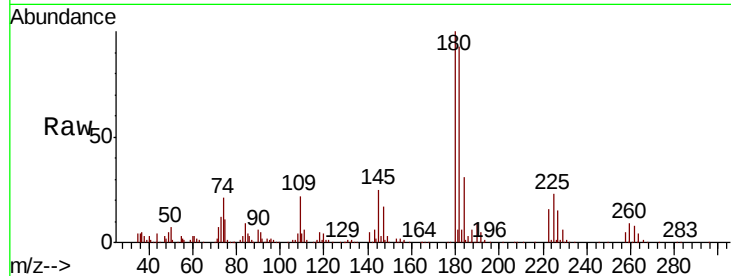




#93
 1,2,4-Trichlorobenzene
 Concen: 21.814 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

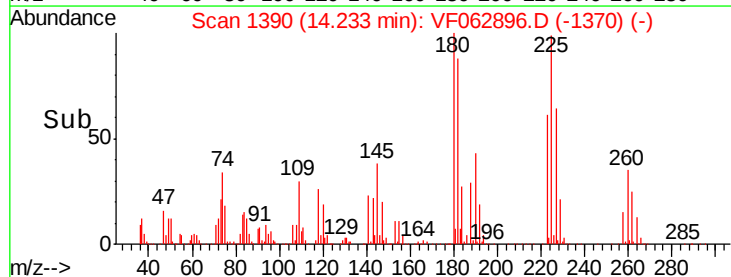
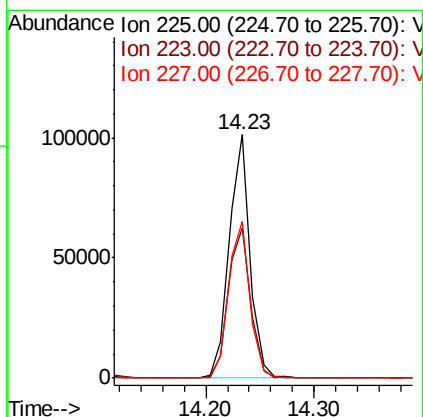
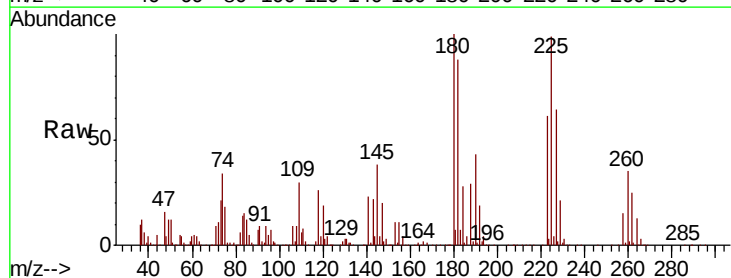
Instrument :
 MSVOA_F
 ClientSampleId :

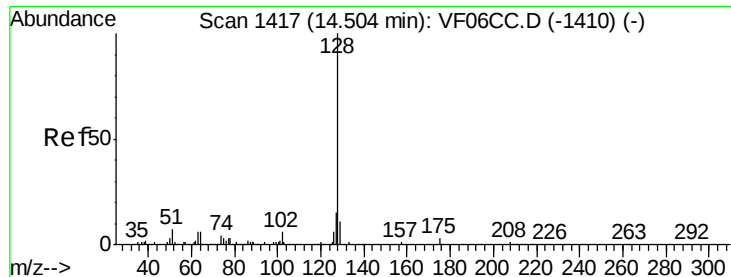
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	50.3	150.9
145	24.6	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 20.179 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VF062896.D
 Acq: 7 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	30.8	92.4
227	64.5	31.9	95.5

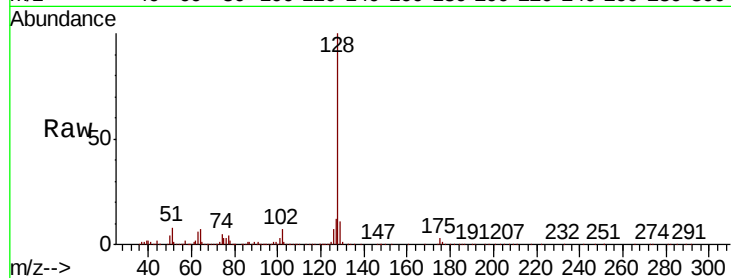




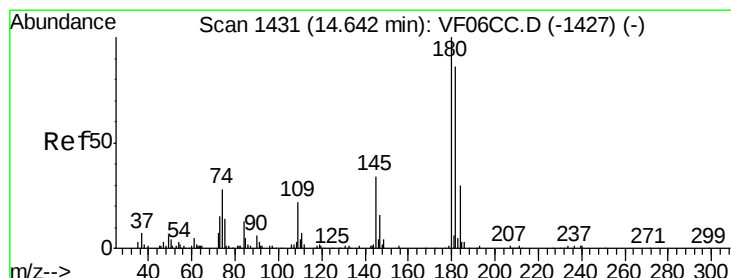
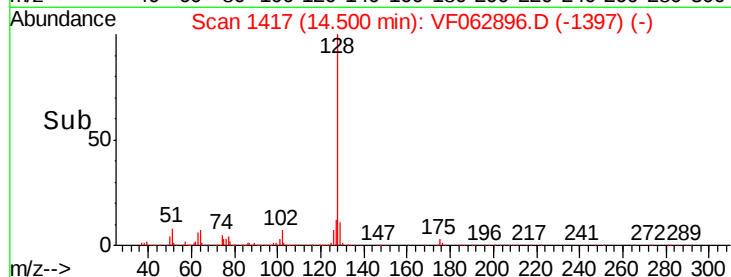
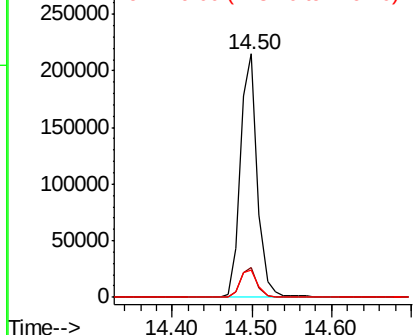
#95
Naphthalene
Concen: 20.051 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:128 Resp: 318681
Ion Ratio Lower Upper
128 100
127 12.0 9.7 14.5
129 11.5 9.4 14.2

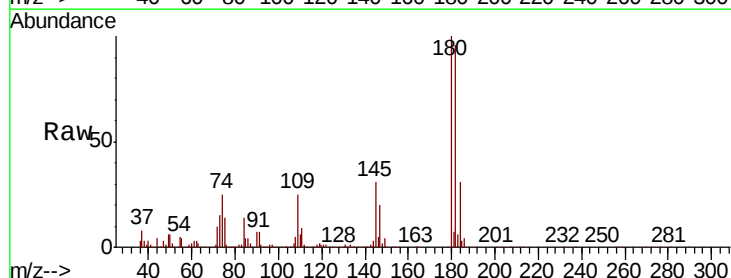


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.585 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VF062896.D
Acq: 7 Jun 2019 13:28

Tgt Ion:180 Resp: 182288
Ion Ratio Lower Upper
180 100
182 95.5 48.6 145.9
145 31.4 15.7 47.0



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

