

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062849.D
 Acq On : 4 Jun 2019 20:01
 Operator : FY/SY
 Sample : K3182-03
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 05 05:24:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	1067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	89	50.00	ug/l	0.07
63) Chlorobenzene-d5	10.02	117	390	50.00	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	12.64	152	165	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.07	65	303	41.07	ug/l	0.01
Spiked Amount	50.000		Recovery	=	82.14%	
35) Dibromofluoromethane	4.41	113	68	101.11	ug/l	0.07
Spiked Amount	50.000		Recovery	=	202.22%	
50) Toluene-d8	7.82	98	169	99.37	ug/l	0.08
Spiked Amount	50.000		Recovery	=	198.74%	
62) 4-Bromofluorobenzene	11.66	95	265	433.18	ug/l	0.15
Spiked Amount	50.000		Recovery	=	866.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.02	85	404	31.905	ug/l #	39
3) Chloromethane	1.14	50	1518	137.496	ug/l #	41
4) Vinyl Chloride	1.20	62	327	29.805	ug/l #	1
5) Bromomethane	1.45	94	528	84.388	ug/l #	67
6) Chloroethane	1.48	64	387	94.344	ug/l #	36
7) Trichlorofluoromethane	1.51	101	250	16.096	ug/l	88
8) Diethyl Ether	1.63	74	441	144.320	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.90	101	319	32.669	ug/l #	19
10) Methyl Iodide	2.03	142	370	18.898	ug/l #	36
11) Tert butyl alcohol	2.71	59	439	982.158	ug/l #	2
12) 1,1-Dichloroethene	1.90	96	419	47.255	ug/l #	1
13) Acrolein	2.14	56	1021	5902.886	ug/l	84
14) Allyl chloride	2.21	41	618	89.841	ug/l #	54
15) Acrylonitrile	3.11	53	287	170.880	ug/l #	6
16) Acetone	2.30	43	598	354.109	ug/l	92
17) Carbon Disulfide	1.95	76	399	15.396	ug/l #	69
18) Methyl Acetate	2.46	43	219	74.210	ug/l #	47
19) Methyl tert-butyl Ether	2.71	73	496	30.876	ug/l	95
20) Methylene Chloride	2.42	84	859	104.854	ug/l #	1
21) trans-1,2-Dichloroethene	2.47	96	322	36.219	ug/l #	1
22) Diisopropyl ether	2.92	45	1275	65.239	ug/l #	71
23) Vinyl Acetate	3.37	43	957	71.527	ug/l #	73
24) 1,1-Dichloroethane	3.05	63	239	16.379	ug/l #	1
25) 2-Butanone	4.52	43	608	154.601	ug/l	91
26) 2,2-Dichloropropane	3.65	77	714	86.176	ug/l	98
27) cis-1,2-Dichloroethene	3.66	96	204	13.651	ug/l	35
28) Bromochloromethane	3.94	49	454	57.199	ug/l #	3
29) Tetrahydrofuran	4.32	42	970	644.883	ug/l #	65
30) Chloroform	4.07	83	177	8.607	ug/l #	48
31) Cyclohexane	3.90	56	199	10.073	ug/l #	57
32) 1,1,1-Trichloroethane	4.33	97	165	13.780	ug/l #	1
36) 1,1-Dichloropropene	4.60	75	436	532.144	ug/l #	1
37) Ethyl Acetate	4.38	43	620	1979.570	ug/l #	21
38) Carbon Tetrachloride	4.25	117	80	144.474	ug/l #	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.73	83	620	608.004	ug/l #	42
40) Benzene	4.94	78	657	275.525	ug/l #	52
41) Methacrylonitrile	5.01	41	981	5634.235	ug/l #	41
42) 1,2-Dichloroethane	5.20	62	374	824.658	ug/l	69
43) Isopropyl Acetate	7.22	43	283	684.005	ug/l #	38
44) Trichloroethene	5.76	130	92	136.707	ug/l	3
45) 1,2-Dichloropropane	6.49	63	80	133.692	ug/l #	44
46) Dibromomethane	6.38	93	102	291.957	ug/l #	2
47) Bromodichloromethane	6.66	83	113	158.818	ug/l #	3
48) Methyl methacrylate	6.91	41	1934	9070.156	ug/l #	32
49) 1,4-Dioxane	6.96	88	71	25261.792	ug/l #	1
51) 4-Methyl-2-Pentanone	8.47	43	480	1624.996	ug/l	87
52) Toluene	7.92	92	360	280.300	ug/l #	1
53) t-1,3-Dichloropropene	8.56	75	250	424.024	ug/l #	1
54) cis-1,3-Dichloropropene	7.57	75	404	473.378	ug/l #	54
55) 1,1,2-Trichloroethane	8.77	97	315	820.965	ug/l #	13
56) Ethyl methacrylate	8.91	69	496	1204.779	ug/l #	1
57) 1,3-Dichloropropane	9.16	76	250	398.992	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.58	63	601	4177.027	ug/l #	30
59) 2-Hexanone	9.72	43	725	3443.507	ug/l #	22
60) Dibromochloromethane	8.84	129	148	311.555	ug/l	65
61) 1,2-Dibromoethane	9.28	107	150	376.422	ug/l #	1
64) Tetrachloroethene	8.32	164	79	26.360	ug/l #	21
65) Chlorobenzene	10.01	112	193	25.626	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.05	131	209	69.679	ug/l #	6
67) Ethyl Benzene	10.03	91	418	32.342	ug/l #	5
68) m/p-Xylenes	10.26	106	105	21.231	ug/l #	36
69) o-Xylene	10.92	106	137	27.360	ug/l	68
70) Styrene	10.87	104	439	59.481	ug/l #	59
71) Bromoform	10.94	173	113	78.532	ug/l #	28
73) Isopropylbenzene	11.23	105	290	25.189	ug/l #	44
74) N-amyl acetate	11.47	43	1221	376.287	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.79	83	117	47.587	ug/l #	7
76) 1,2,3-Trichloropropane	11.91	75	144	88.359	ug/l	90
77) Bromobenzene	11.58	156	139	48.051	ug/l #	33
78) n-propylbenzene	11.58	91	436	31.364	ug/l	95
79) 2-Chlorotoluene	11.69	91	190	23.887	ug/l	99
80) 1,3,5-Trimethylbenzene	11.86	105	266	28.252	ug/l	87
81) trans-1,4-Dichloro-2-buten	11.95	75	313	453.641	ug/l #	28
82) 4-Chlorotoluene	12.09	91	192	24.562	ug/l	79
83) tert-Butylbenzene	12.17	119	258	27.655	ug/l #	79
84) 1,2,4-Trimethylbenzene	12.28	105	244	27.333	ug/l #	24
85) sec-Butylbenzene	12.43	105	191	15.537	ug/l #	55
86) p-Isopropyltoluene	12.54	119	88	8.600	ug/l #	42
87) 1,3-Dichlorobenzene	12.57	146	127	24.894	ug/l #	23
88) 1,4-Dichlorobenzene	12.61	146	196	41.167	ug/l #	23
89) n-Butylbenzene	12.88	91	88	8.550	ug/l #	24
90) Hexachloroethane	12.94	117	231	92.562	ug/l #	10
91) 1,2-Dichlorobenzene	13.02	146	155	34.566	ug/l #	53
92) 1,2-Dibromo-3-Chloropropan	13.70	75	169	630.926	ug/l #	34

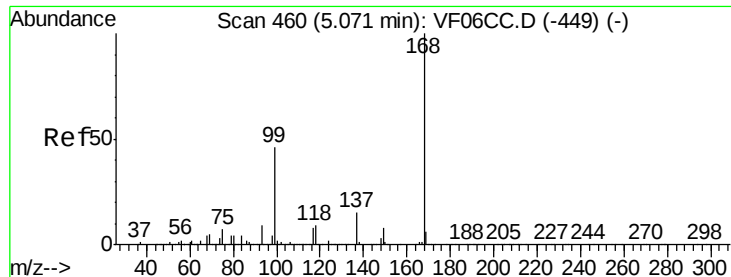
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	75	24.360	ug/l #	80
94) Hexachlorobutadiene	14.23	225	169	79.344	ug/l #	19
95) Naphthalene	14.50	128	136	26.962	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.58	180	78	27.754	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

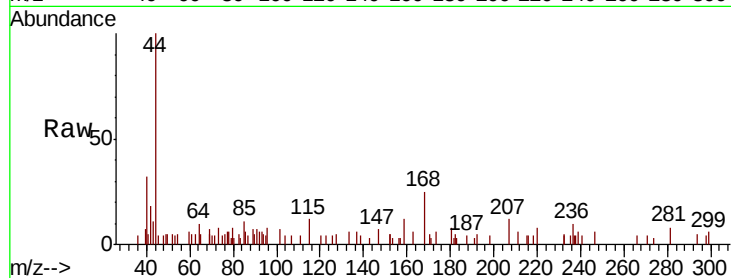
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 1067

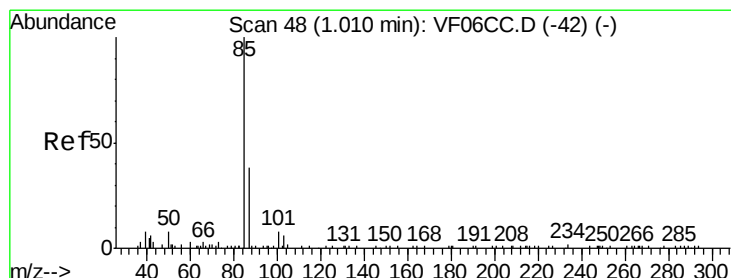
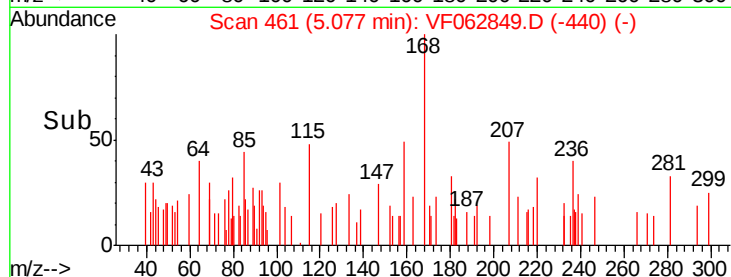
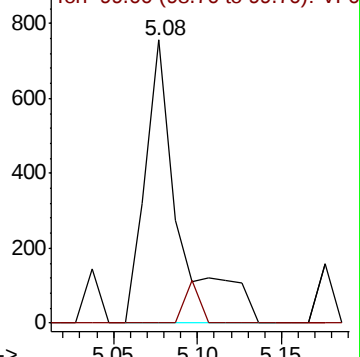
Ion Ratio Lower Upper

168 100

99 0.0 39.1 58.7#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 31.905 ug/l

RT: 1.02 min Scan# 49

Delta R.T. 0.00 min

Lab File: VF062849.D

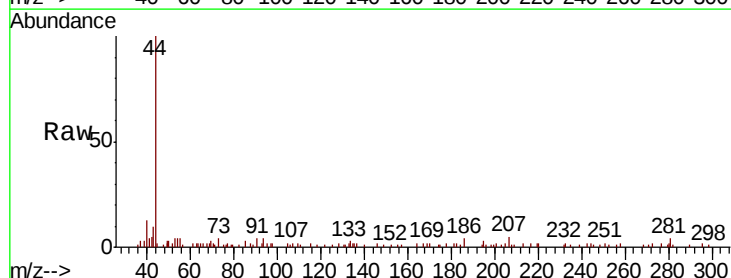
Acq: 4 Jun 2019 20:01

Tgt Ion: 85 Resp: 404

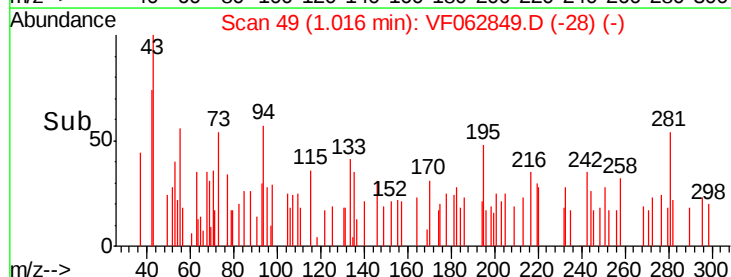
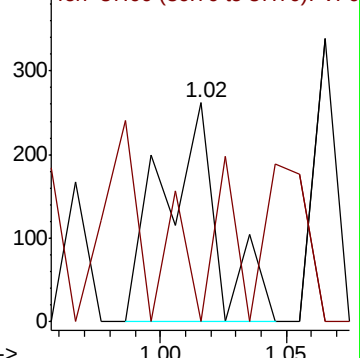
Ion Ratio Lower Upper

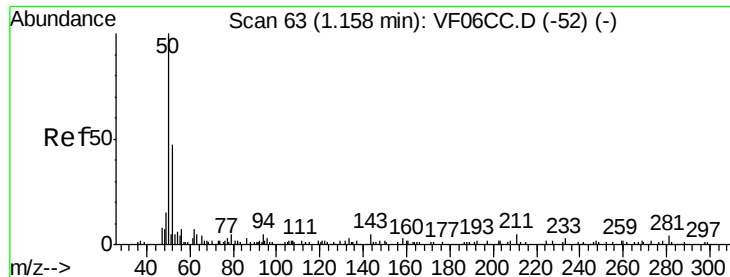
85 100

87 0.0 17.6 52.9#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 137.496 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

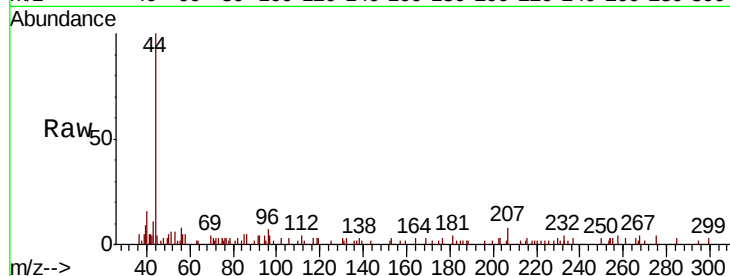
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 50 Resp: 1518

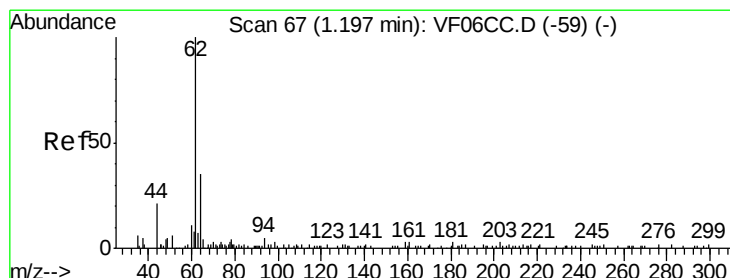
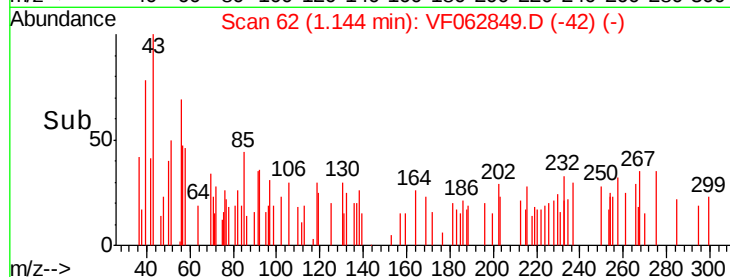
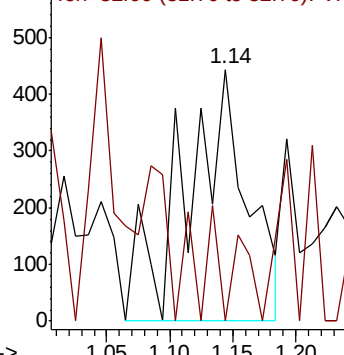
Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0
Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 29.805 ug/l

RT: 1.20 min Scan# 68

Delta R.T. 0.00 min

Lab File: VF062849.D

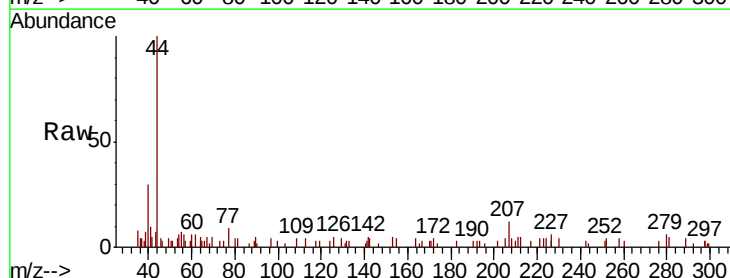
Acq: 4 Jun 2019 20:01

Tgt Ion: 62 Resp: 327

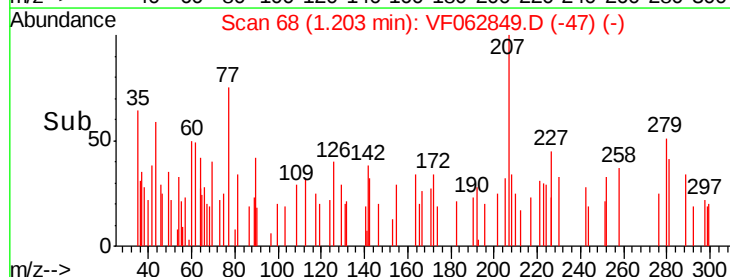
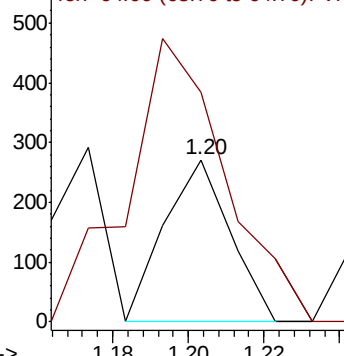
Ion Ratio Lower Upper

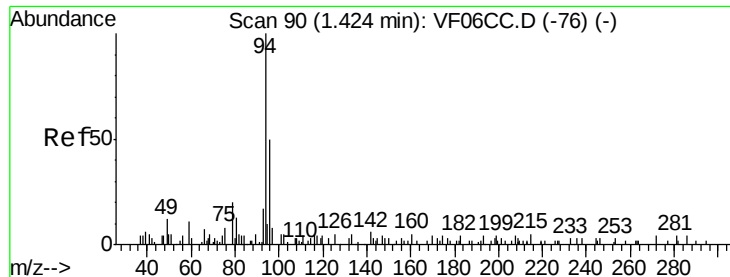
62 100

64 141.7 26.2 39.2#



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 84.388 ug/l

RT: 1.45 min Scan# 93

Delta R.T. 0.04 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

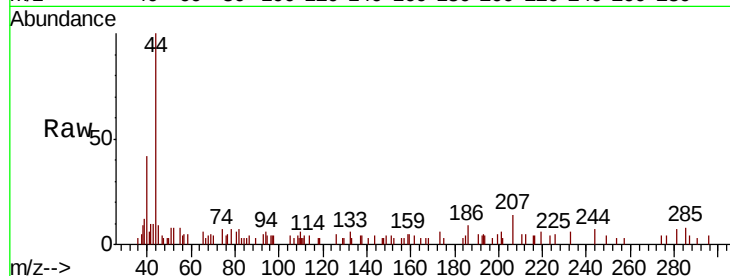
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 528

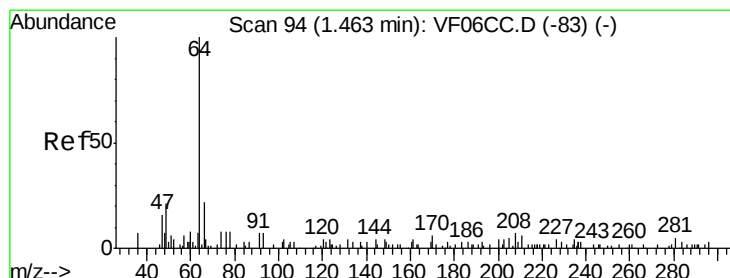
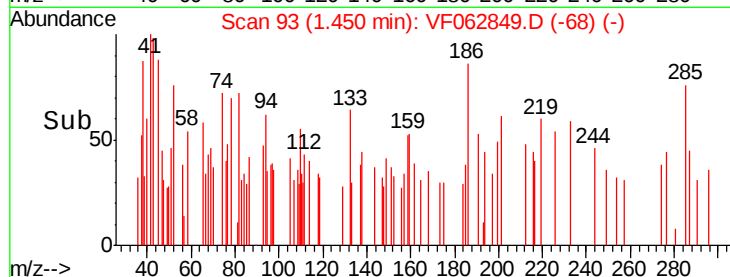
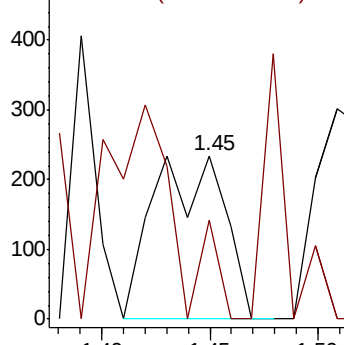
Ion Ratio Lower Upper

94 100

96 61.1 73.8 110.6#



Abundance Ion 94.00 (93.70 to 94.70): VF0
Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 94.344 ug/l

RT: 1.48 min Scan# 96

Delta R.T. 0.01 min

Lab File: VF062849.D

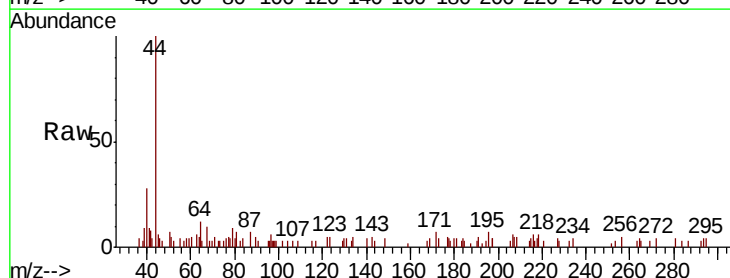
Acq: 4 Jun 2019 20:01

Tgt Ion: 64 Resp: 387

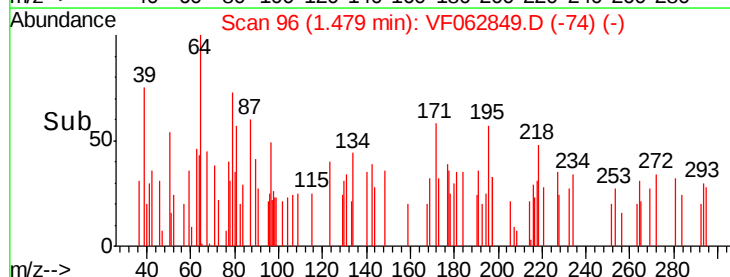
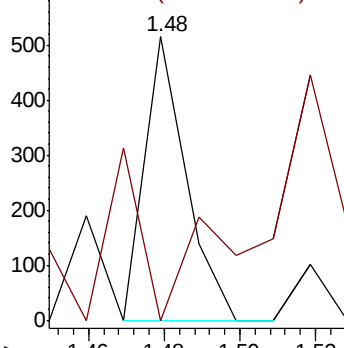
Ion Ratio Lower Upper

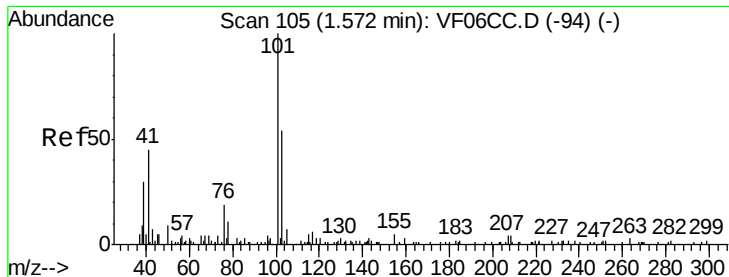
64 100

66 0.0 31.0 46.4#



Abundance Ion 64.00 (63.70 to 64.70): VF0
Ion 66.00 (65.70 to 66.70): VF0



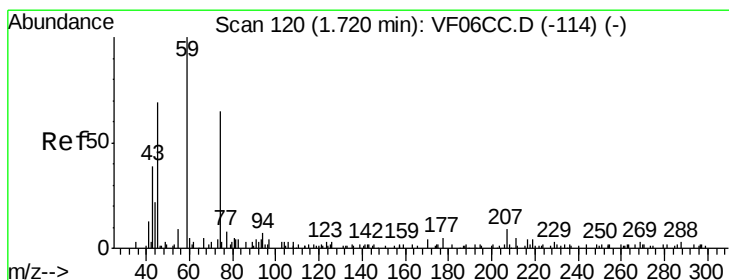
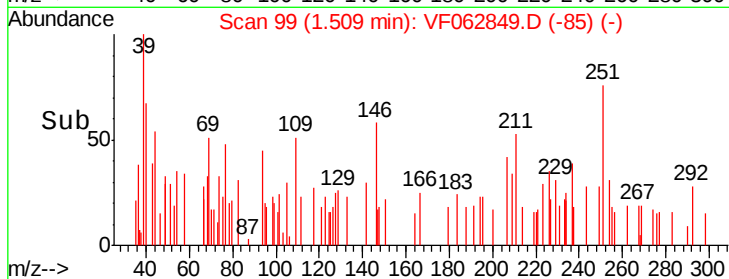
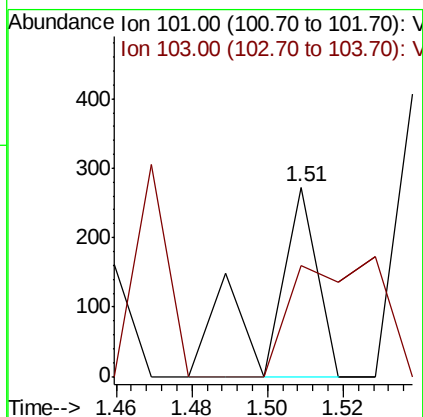
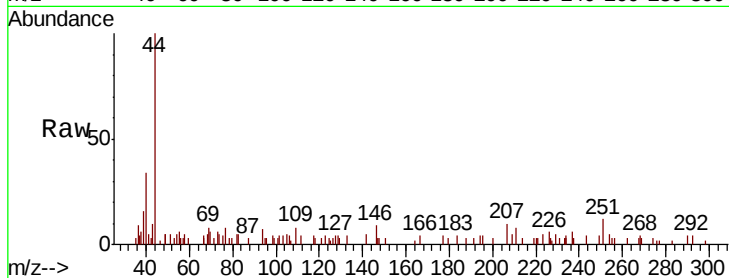


#7

Trichlorofluoromethane
 Concen: 16.096 ug/l
 RT: 1.51 min Scan# 99
 Delta R.T. -0.07 min
 Lab File: VF062849.D
 Acq: 4 Jun 2019 20:01

Instrument :
 MSVOA_F
 ClientSampled :

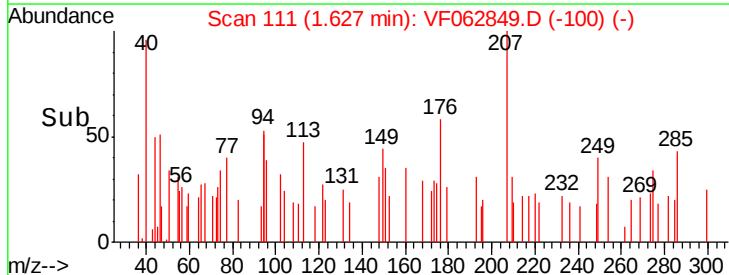
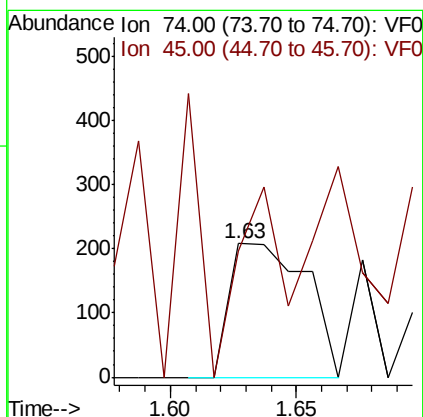
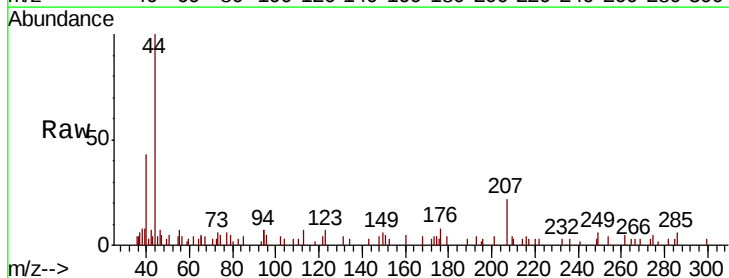
Tot Ion:101 Resp: 250
 Ion Ratio Lower Upper
 101 100
 103 58.2 54.6 82.0

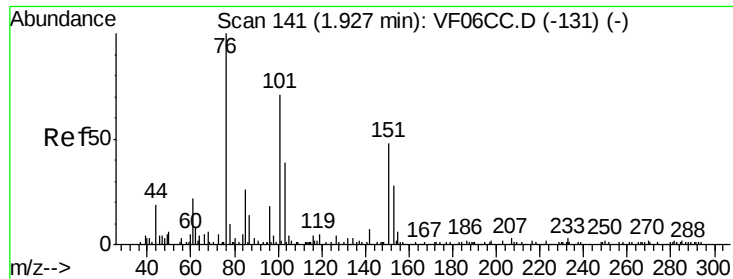


#8

Diethyl Ether
 Concen: 144.320 ug/l
 RT: 1.63 min Scan# 111
 Delta R.T. -0.09 min
 Lab File: VF062849.D
 Acq: 4 Jun 2019 20:01

Tgt Ion: 74 Resp: 441
 Ion Ratio Lower Upper
 74 100
 45 94.2 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 32.669 ug/l

RT: 1.90 min Scan# 139

Delta R.T. -0.04 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

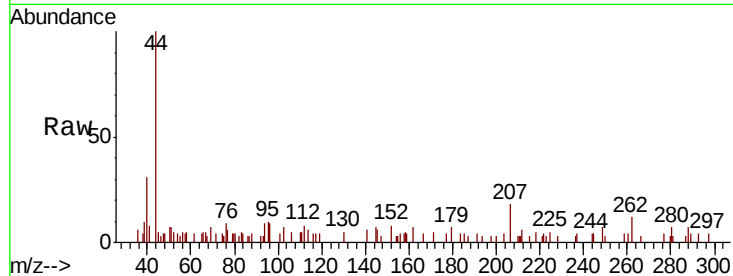
Tot Ion:101 Resp: 319

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

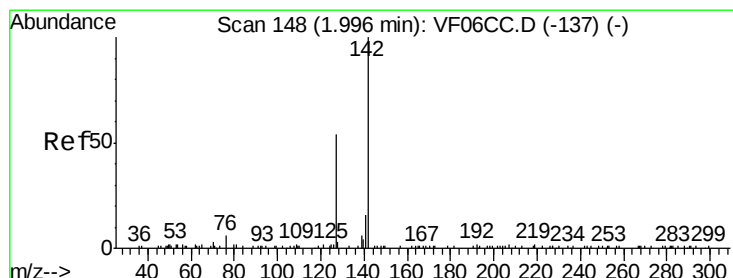
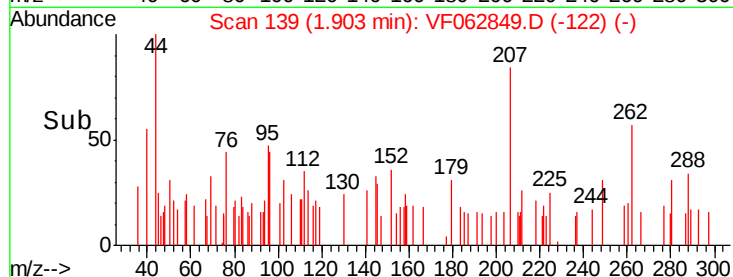
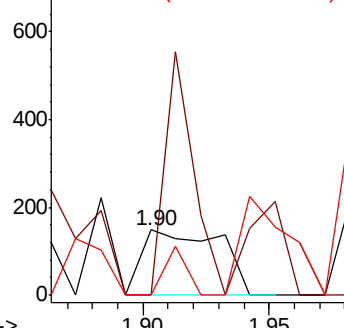
151 0.0 60.3 90.5#



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: 18.898 ug/l

RT: 2.03 min Scan# 152

Delta R.T. 0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

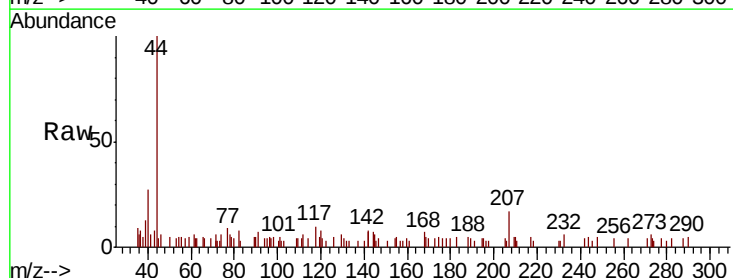
Tgt Ion:142 Resp: 370

Ion Ratio Lower Upper

142 100

127 0.0 39.4 59.2#

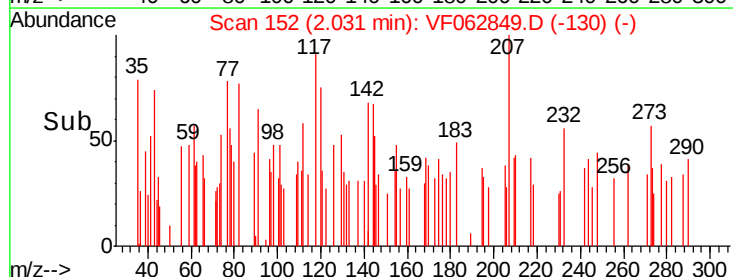
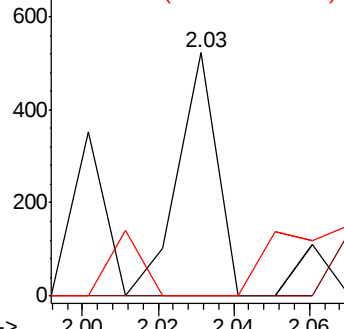
141 0.0 10.6 15.8#

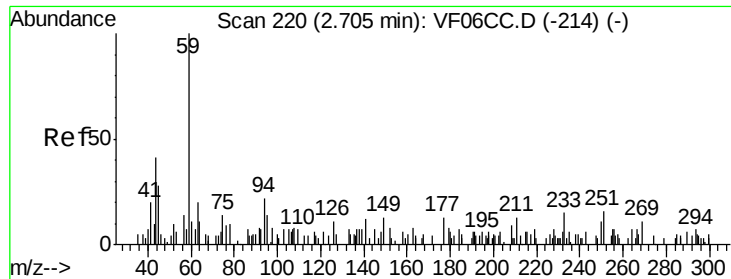


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

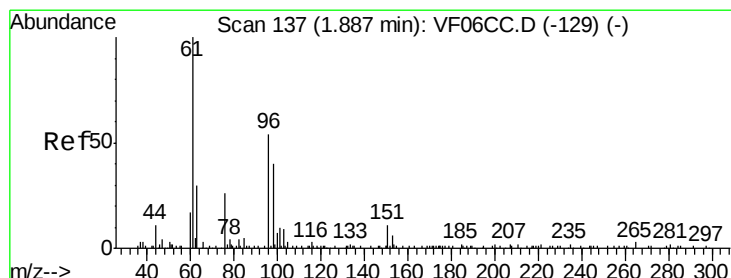
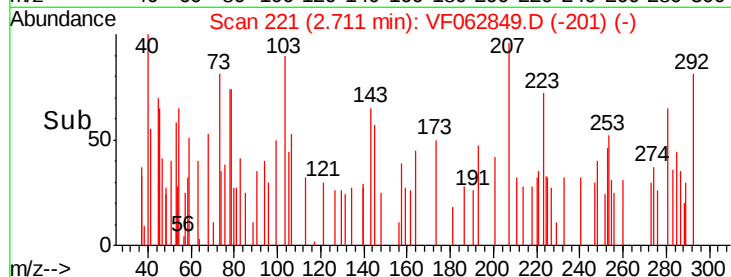
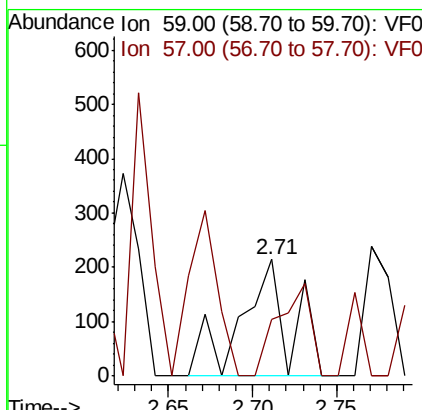
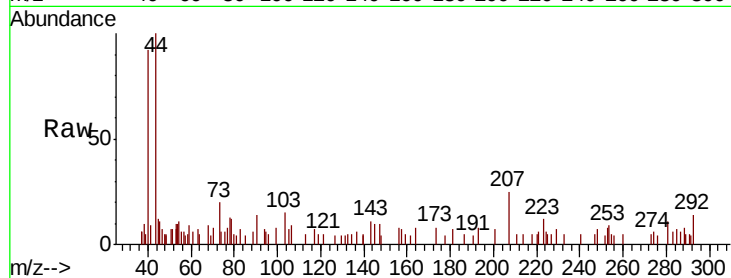




#11
Tert butyl alcohol
Concen: 982.158 ug/l
RT: 2.71 min Scan# 221
Delta R.T. -0.01 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

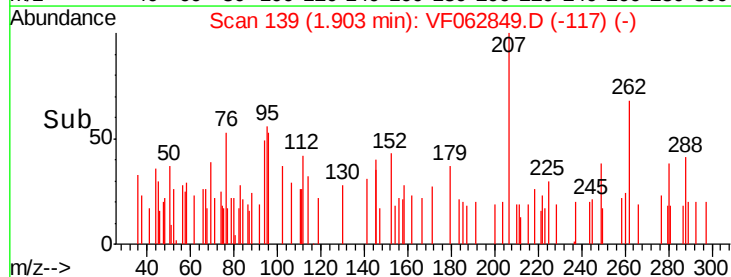
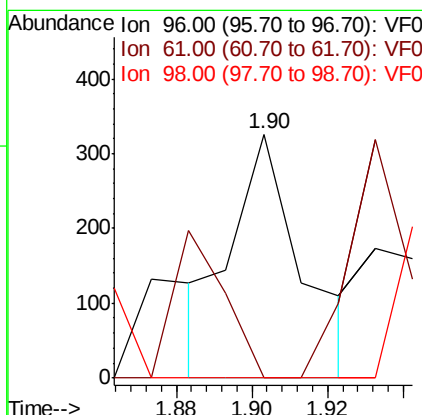
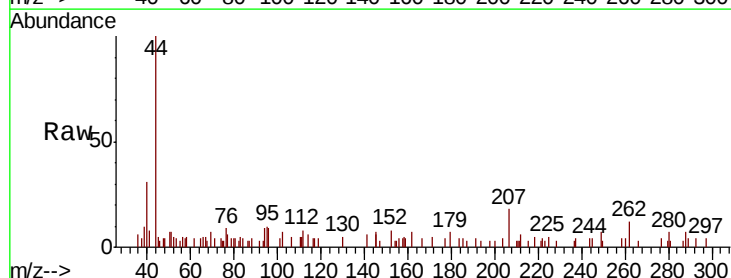
Instrument :
MSVOA_F
ClientSampled :

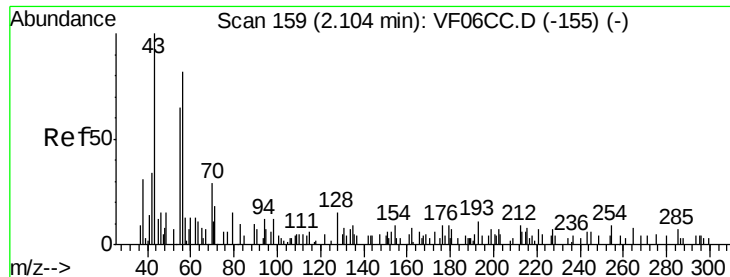
Tot Ion: 59 Resp: 439
Ion Ratio Lower Upper
59 100
57 49.1 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 47.255 ug/l
RT: 1.90 min Scan# 139
Delta R.T. 0.01 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion: 96 Resp: 419
Ion Ratio Lower Upper
96 100
61 0.0 139.4 209.2#
98 0.0 50.3 75.5#

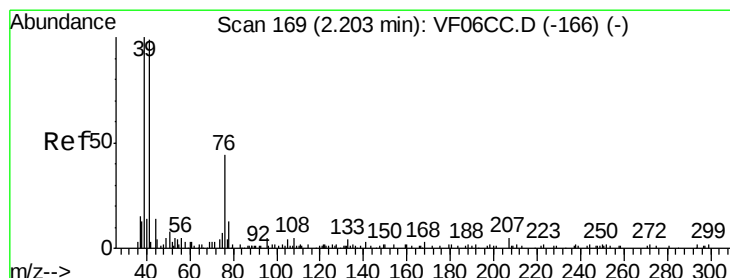
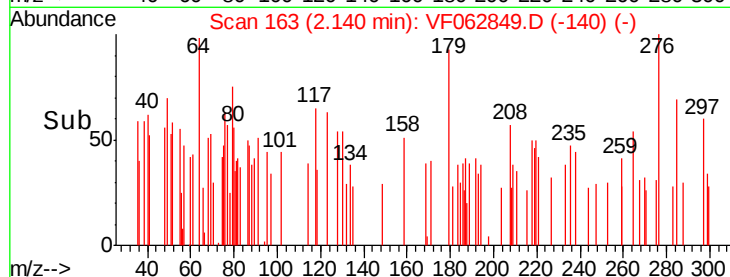
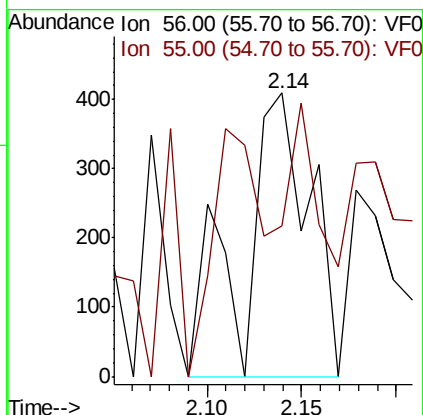
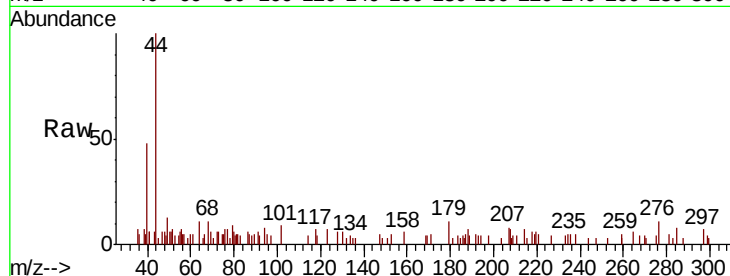




#13
Acrolein
Concen: 5902.886 ug/l
RT: 2.14 min Scan# 163
Delta R.T. 0.02 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

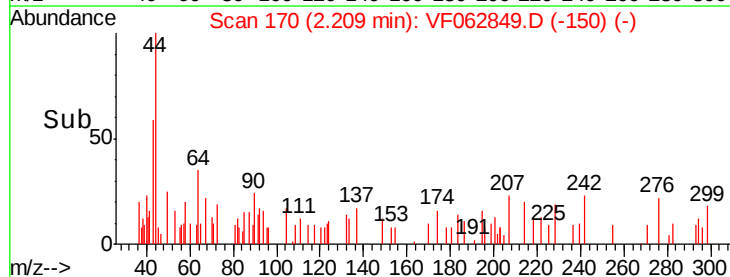
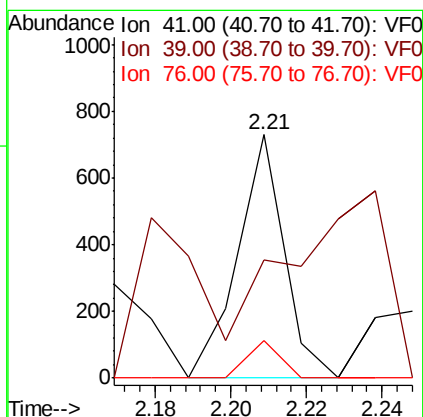
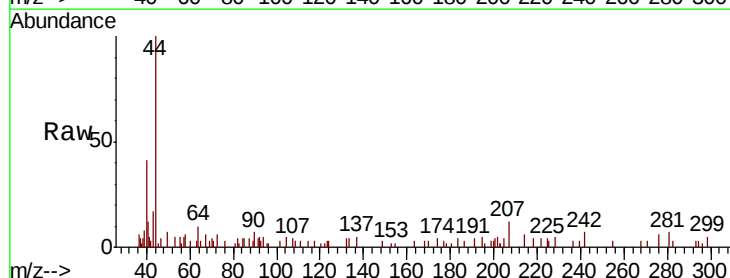
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 1021
Ion Ratio Lower Upper
56 100
55 53.3 52.9 79.3



#14
Allyl chloride
Concen: 89.841 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion: 41 Resp: 618
Ion Ratio Lower Upper
41 100
39 48.4 71.9 107.9#
76 15.5 39.6 59.4#





#15

Acrylonitrile

Concen: 170.880 ug/l

RT: 3.11 min Scan# 261

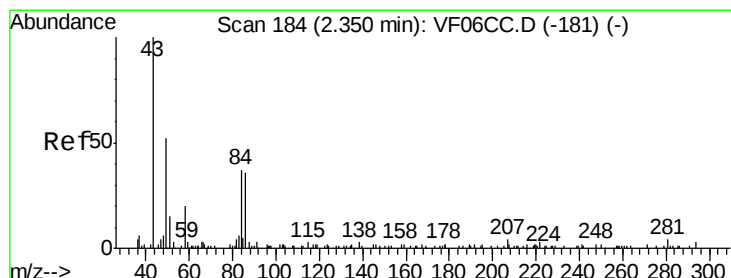
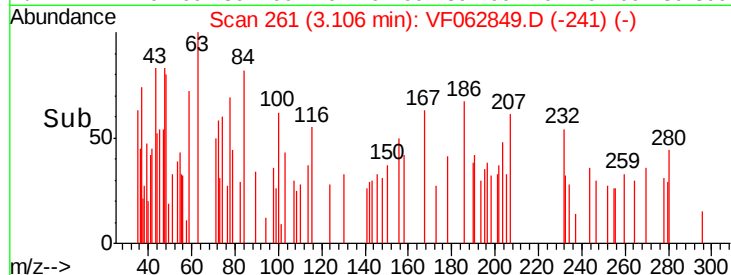
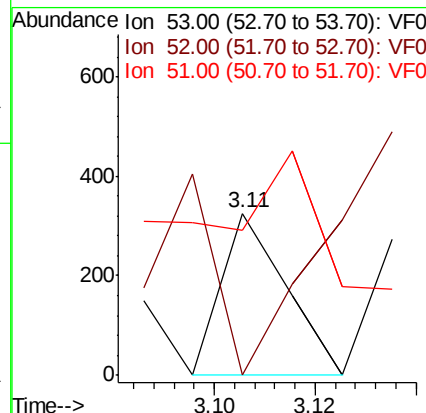
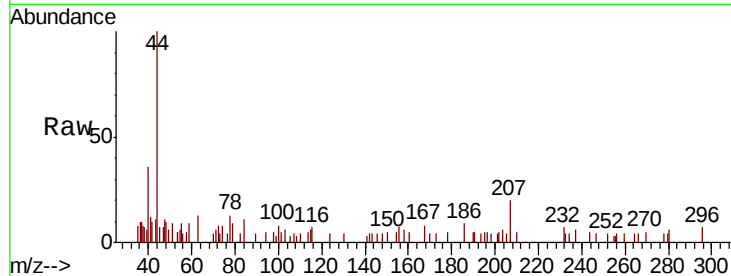
Delta R.T. -0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 53 Resp: 287
Ion Ratio Lower Upper
53 100
52 0.0 68.1 102.1#
51 89.8 27.7 41.5#



#16

Acetone

Concen: 354.109 ug/l

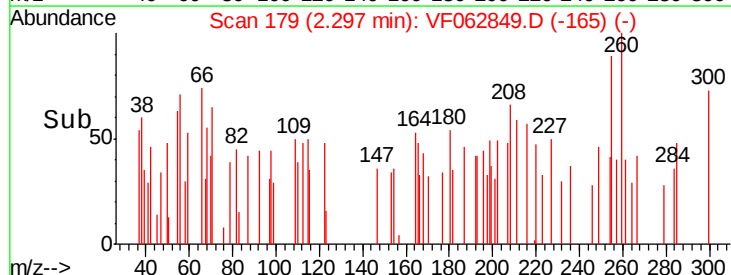
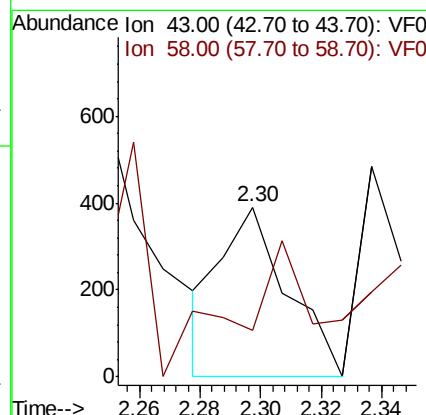
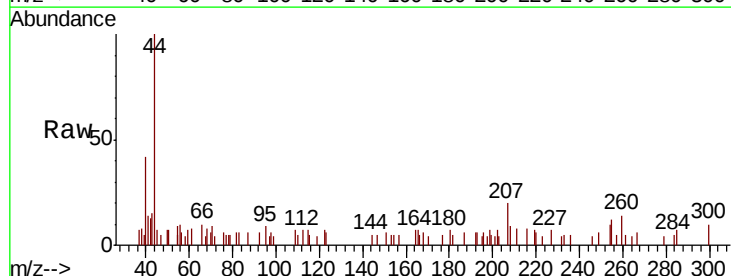
RT: 2.30 min Scan# 179

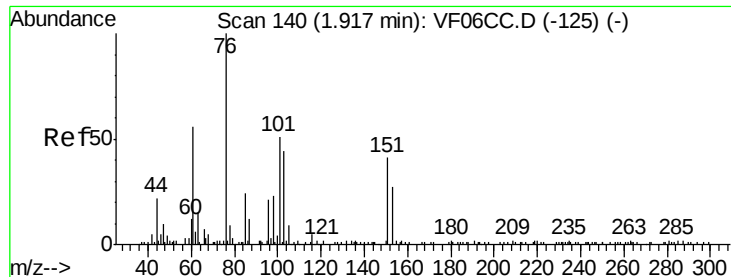
Delta R.T. -0.07 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
58 27.7 19.0 28.4





#17

Carbon Disulfide

Concen: 15.396 ug/l

RT: 1.95 min Scan# 144

Delta R.T. 0.02 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

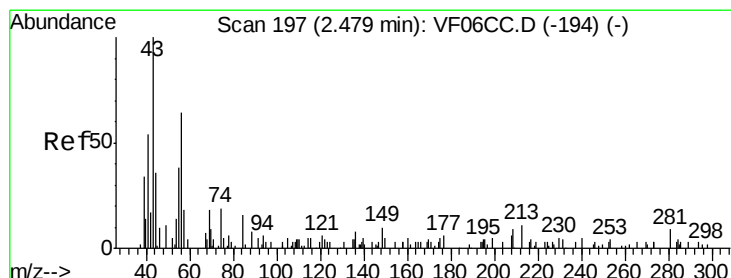
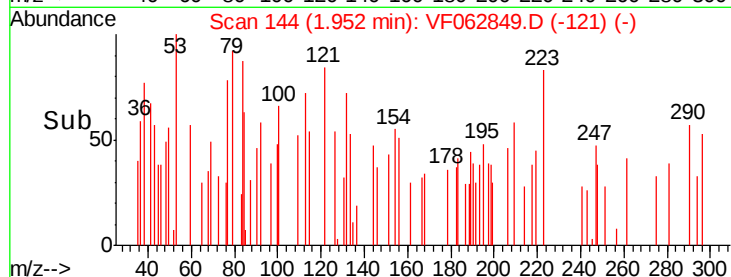
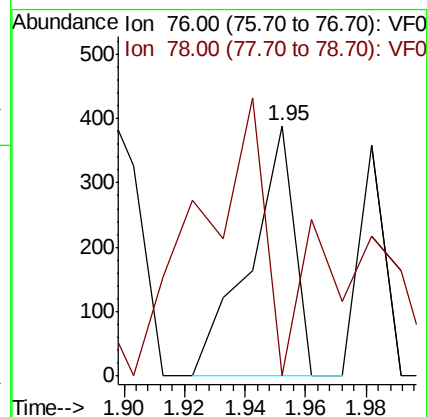
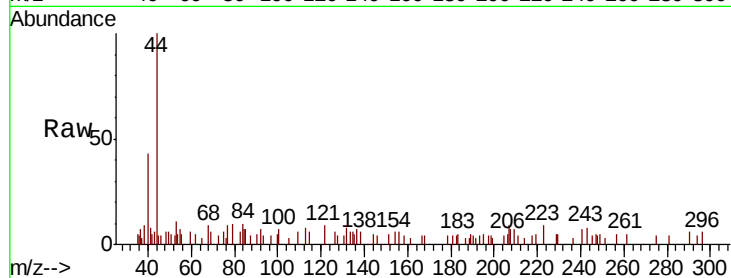
ClientSampled :

Tot Ion: 76 Resp: 399

Ion Ratio Lower Upper

76 100

78 0.0 9.4 14.2#



#18

Methyl Acetate

Concen: 74.210 ug/l

RT: 2.46 min Scan# 195

Delta R.T. -0.03 min

Lab File: VF062849.D

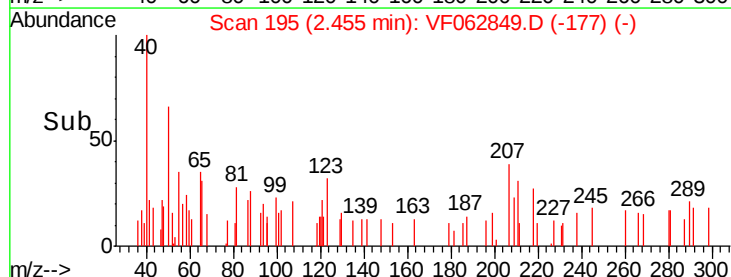
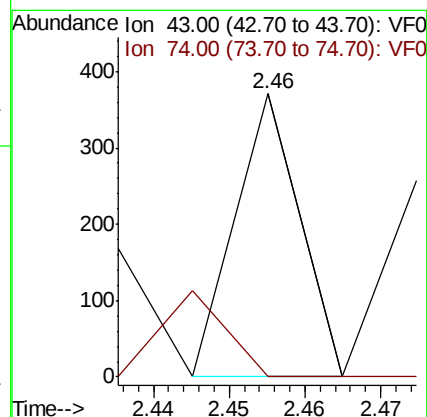
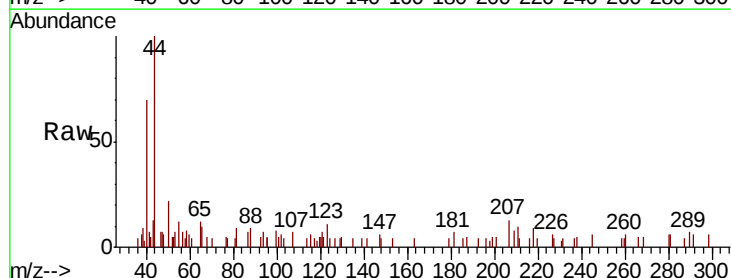
Acq: 4 Jun 2019 20:01

Tgt Ion: 43 Resp: 219

Ion Ratio Lower Upper

43 100

74 0.0 22.1 33.1#

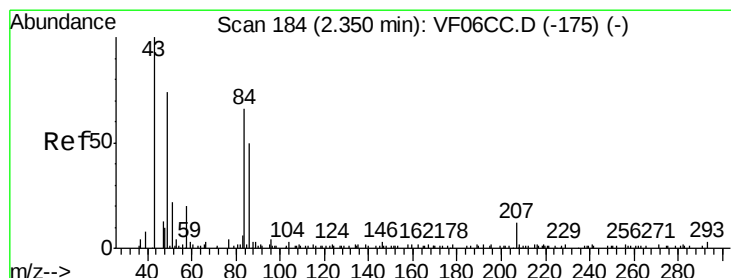
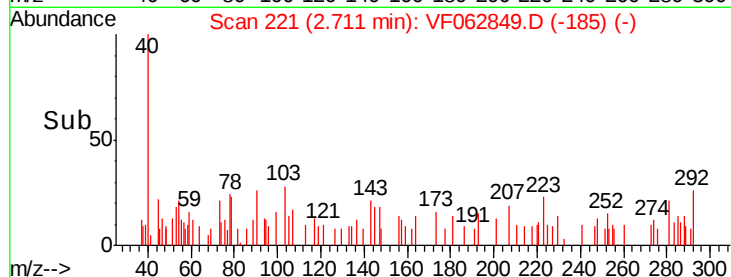
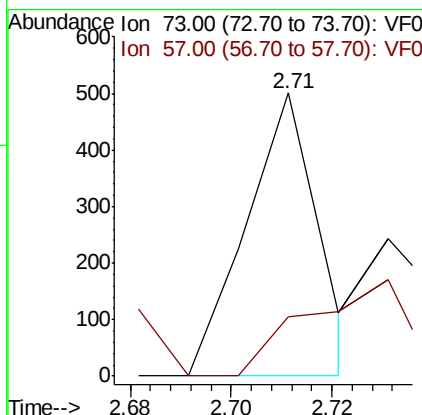
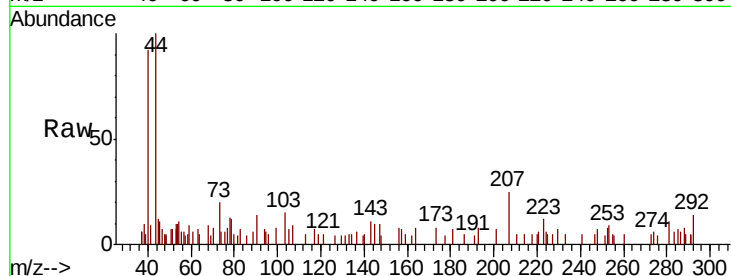




#19
Methyl tert-butyl Ether
Concen: 30.876 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.15 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

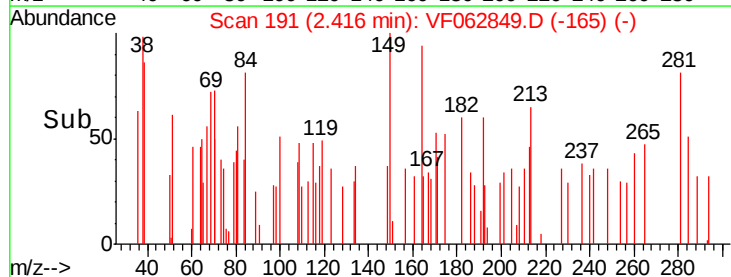
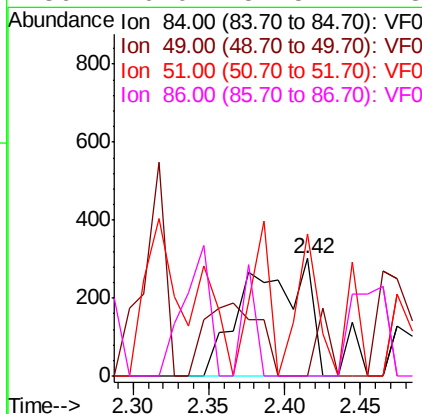
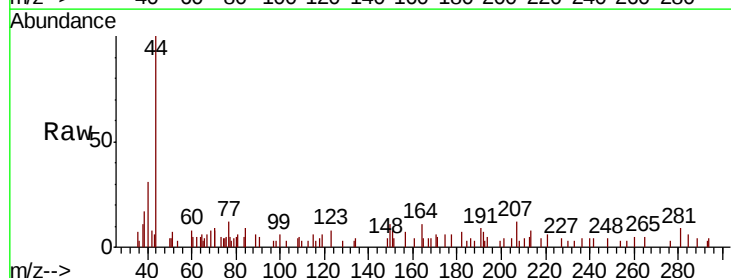
Instrument :
MSVOA_F
ClientSampled :

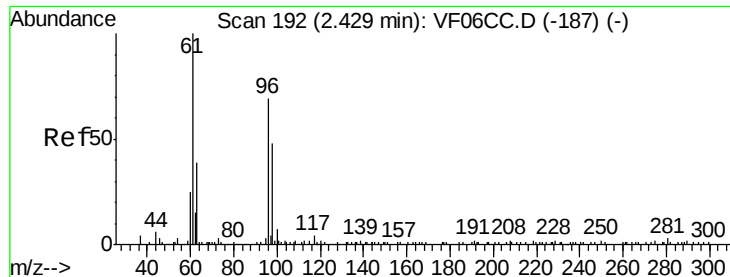
Tot Ion: 73 Resp: 496
Ion Ratio Lower Upper
73 100
57 21.0 15.1 22.7



#20
Methylene Chloride
Concen: 104.854 ug/l
RT: 2.42 min Scan# 191
Delta R.T. 0.05 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion: 84 Resp: 859
Ion Ratio Lower Upper
84 100
49 0.0 82.6 123.8#
51 121.2 25.0 37.4#
86 0.0 51.5 77.3#





#21

trans-1,2-Dichloroethene

Concen: 36.219 ug/l

RT: 2.47 min Scan# 197

Delta R.T. 0.03 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampled :

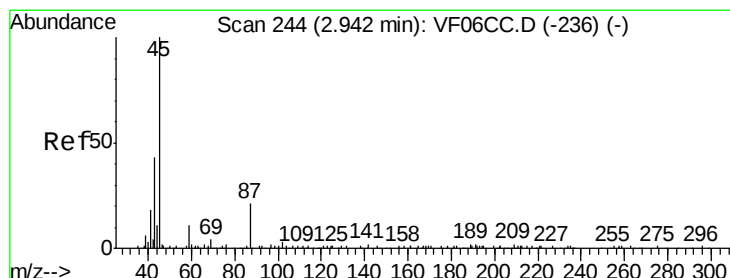
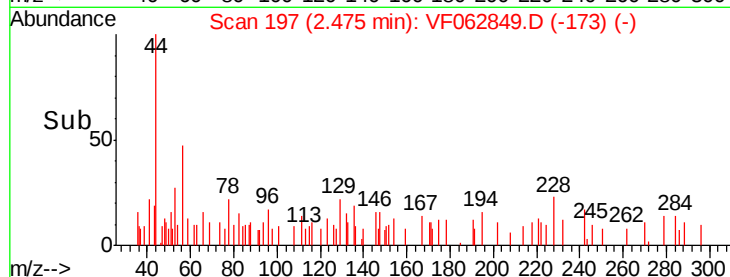
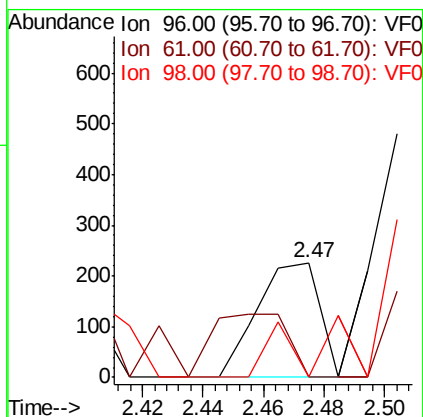
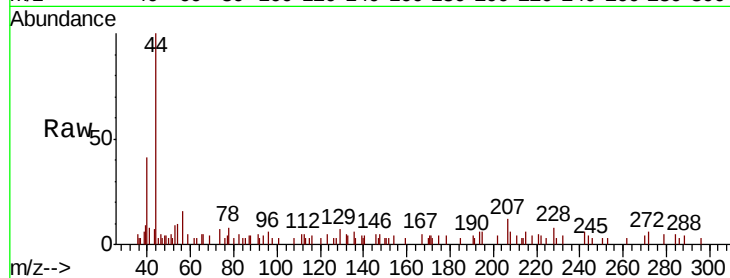
Tot Ion: 96 Resp: 322

Ion Ratio Lower Upper

96 100

61 0.0 105.0 157.6#

98 0.0 51.1 76.7#



#22

Diisopropyl ether

Concen: 65.239 ug/l

RT: 2.92 min Scan# 242

Delta R.T. -0.04 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Tgt Ion: 45 Resp: 1275

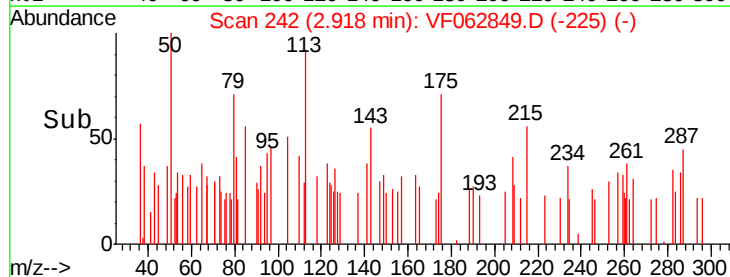
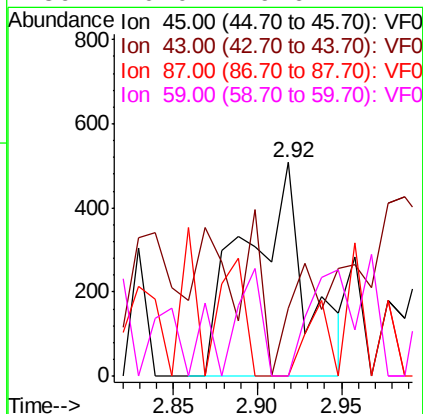
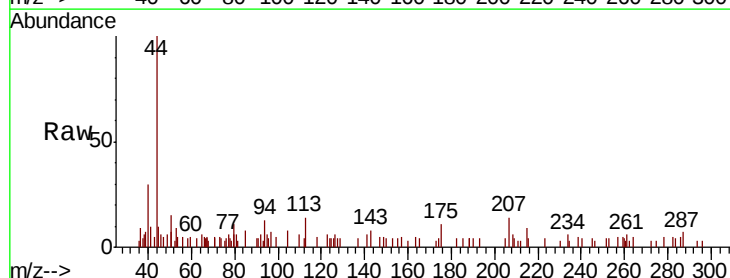
Ion Ratio Lower Upper

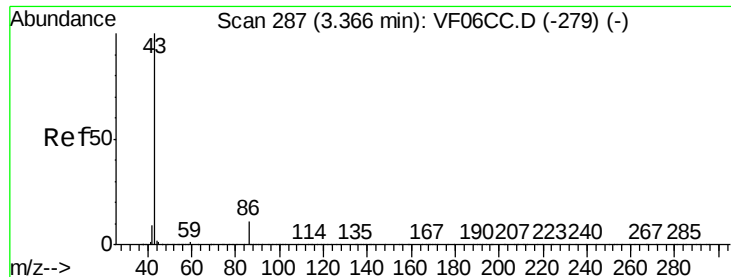
45 100

43 32.1 34.3 51.5#

87 0.0 19.0 28.4#

59 0.0 9.6 14.4#





#23

Vinyl Acetate

Concen: 71.527 ug/l

RT: 3.37 min Scan# 288

Delta R.T. 0.00 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

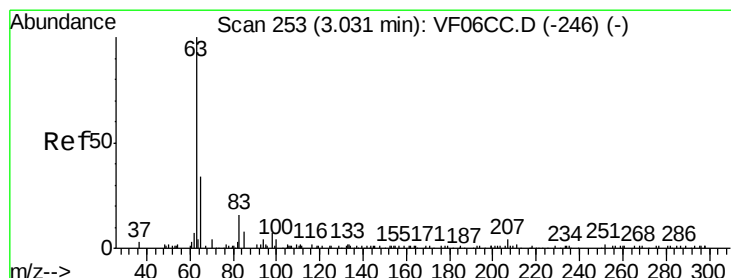
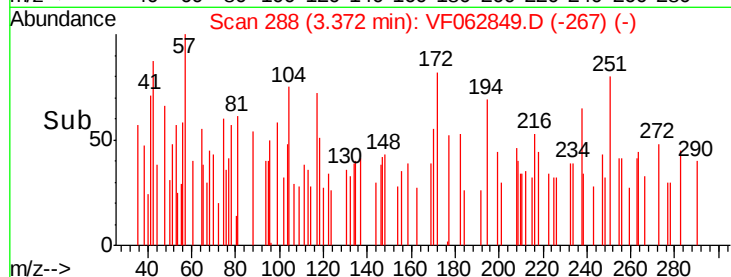
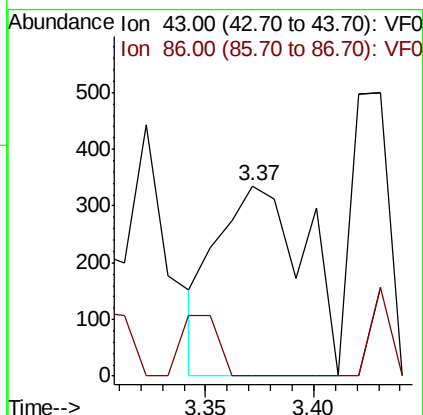
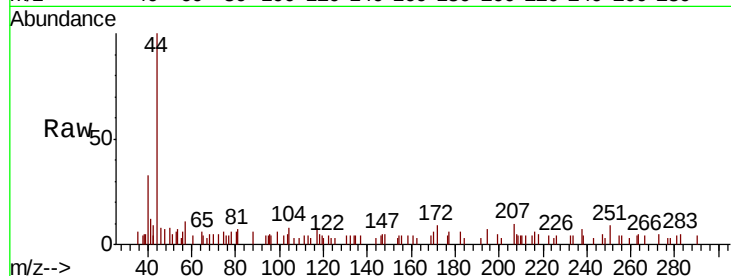
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 957

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 16.379 ug/l

RT: 3.05 min Scan# 255

Delta R.T. 0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

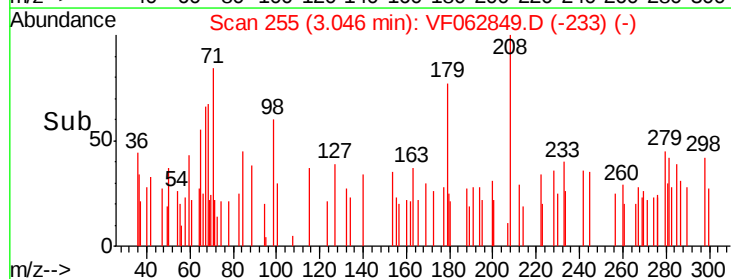
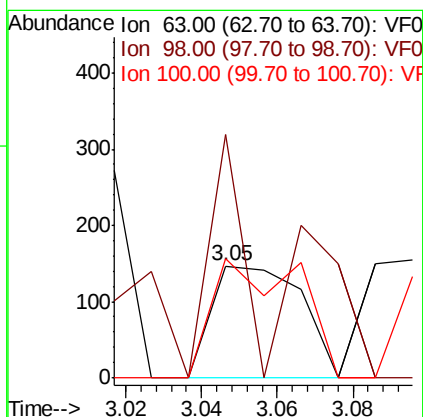
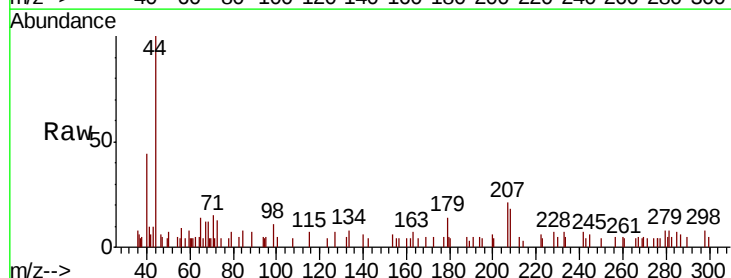
Tgt Ion: 63 Resp: 239

Ion Ratio Lower Upper

63 100

98 217.0 2.4 7.1#

100 106.8 1.5 4.5#





#25

2-Butanone

Concen: 154.601 ug/l

RT: 4.52 min Scan# 404

Delta R.T. -0.04 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

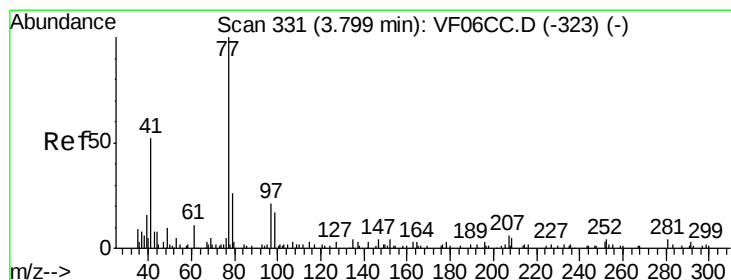
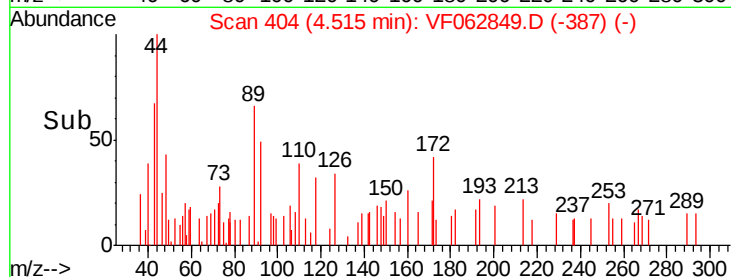
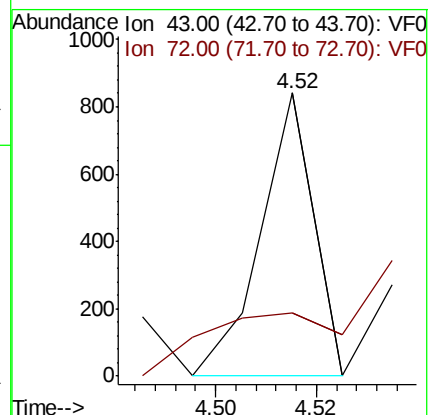
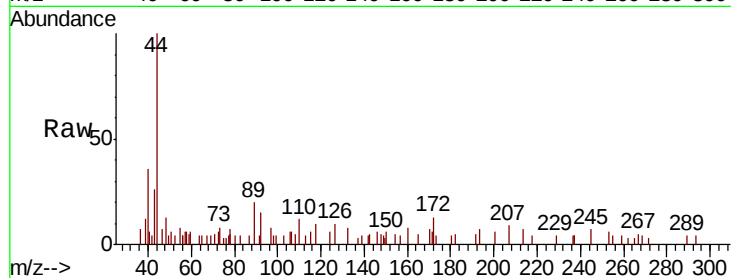
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 608

Ion Ratio Lower Upper

43 100

72 22.2 21.4 32.0



#26

2,2-Dichloropropane

Concen: 86.176 ug/l

RT: 3.65 min Scan# 316

Delta R.T. -0.15 min

Lab File: VF062849.D

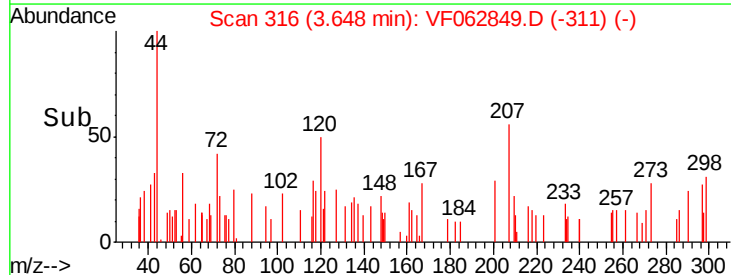
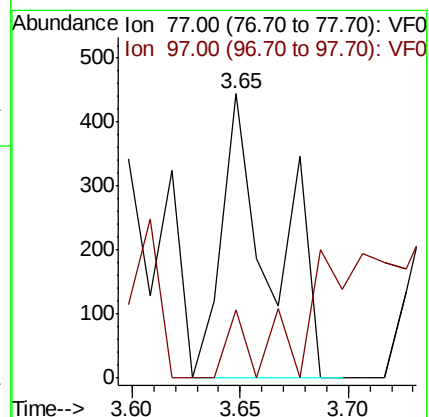
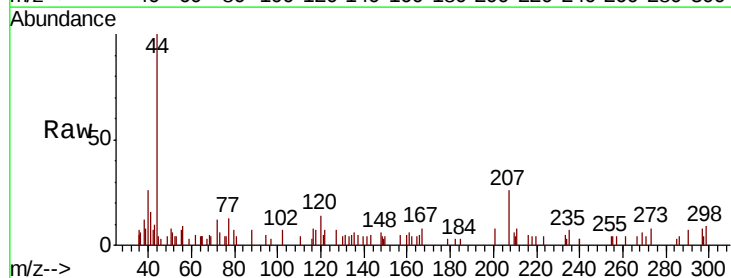
Acq: 4 Jun 2019 20:01

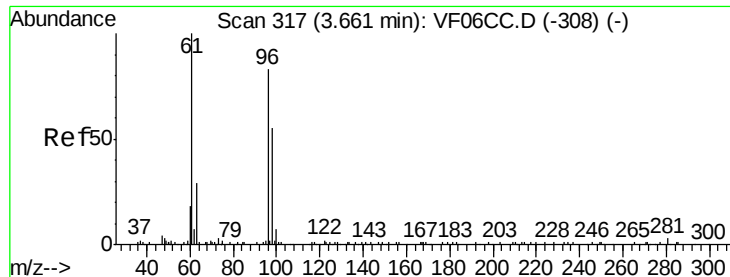
Tgt Ion: 77 Resp: 714

Ion Ratio Lower Upper

77 100

97 23.9 12.4 37.4



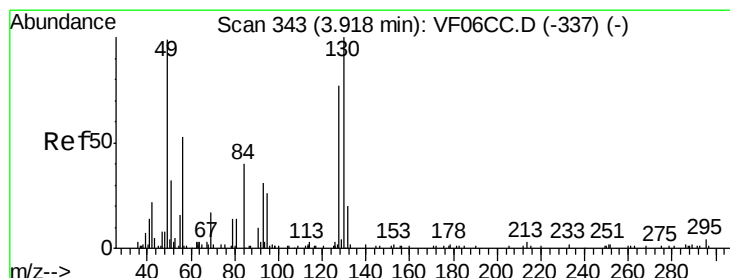
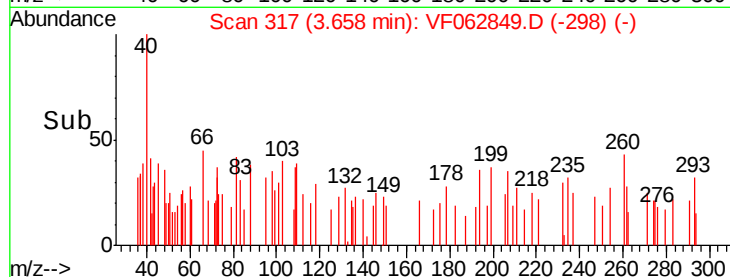
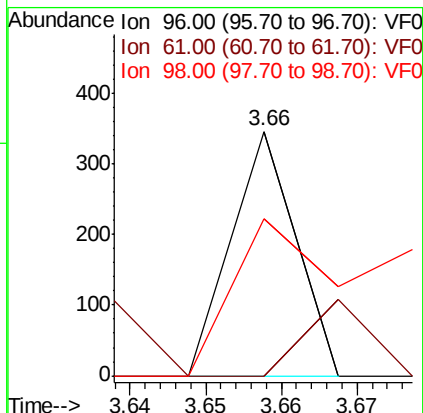
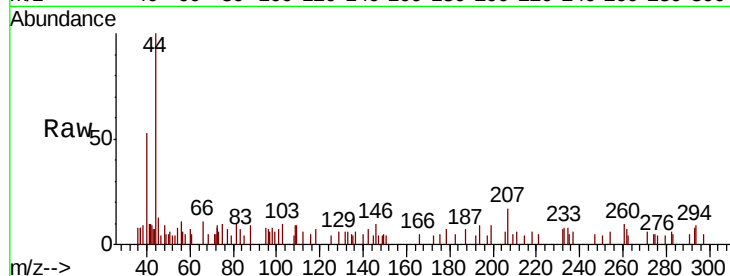


#27

cis-1,2-Dichloroethene
Concen: 13.651 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.02 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Instrument :
MSVOA_F
ClientSampled :

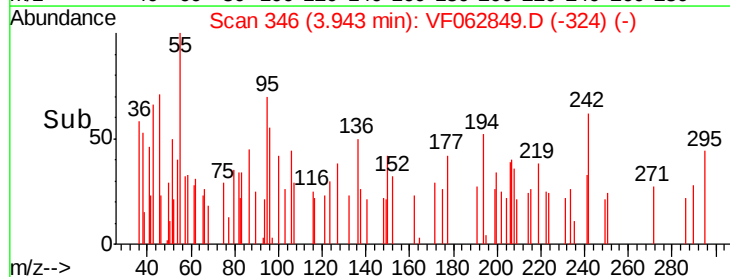
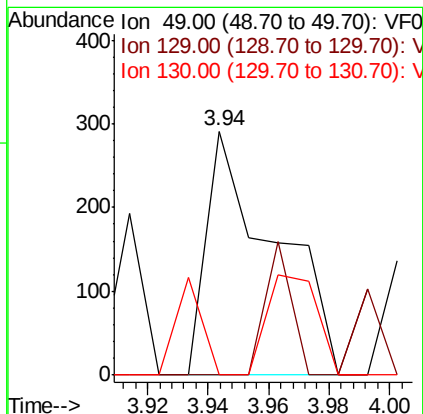
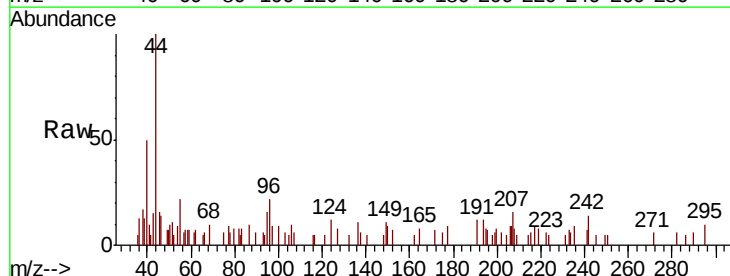
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	213.8
98	64.2	0.0	127.0

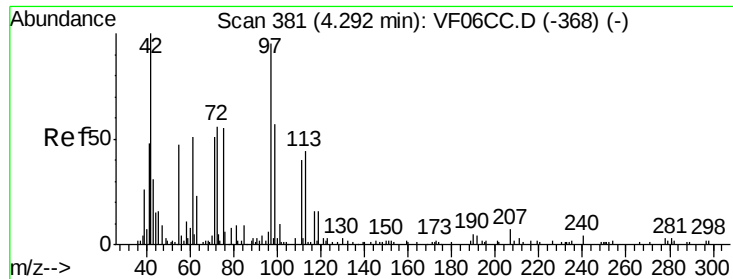


#28

Bromochloromethane
Concen: 57.199 ug/l
RT: 3.94 min Scan# 346
Delta R.T. 0.01 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

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

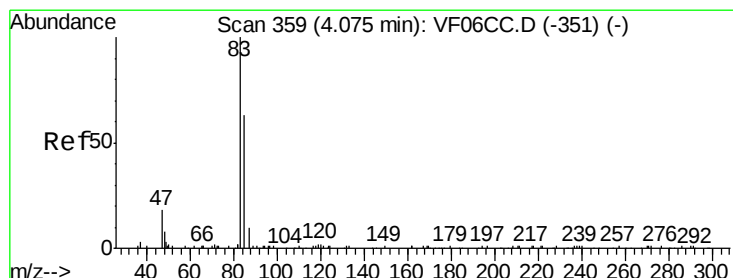
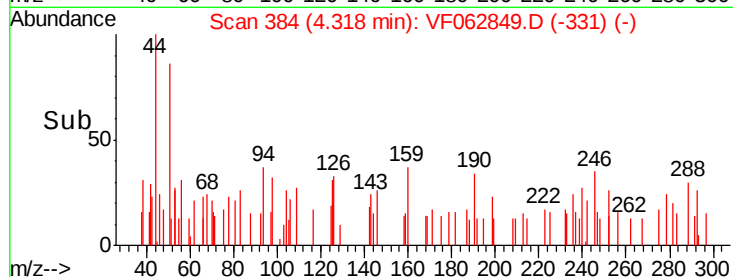
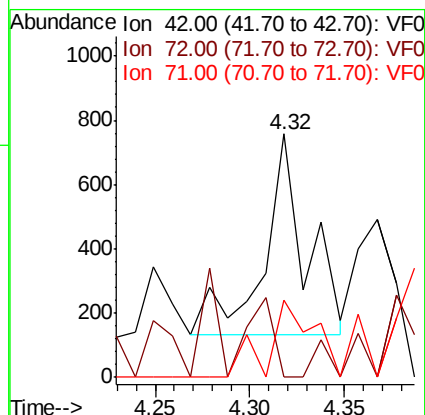




#29
Tetrahydrofuran
Concen: 644.883 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

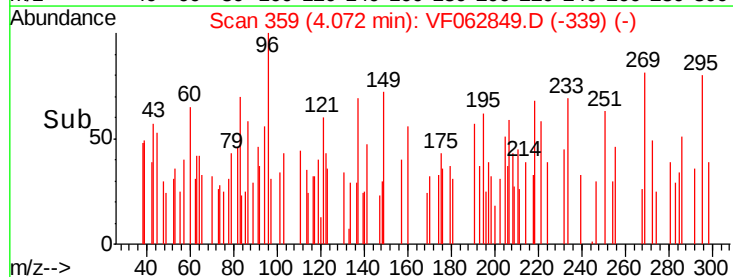
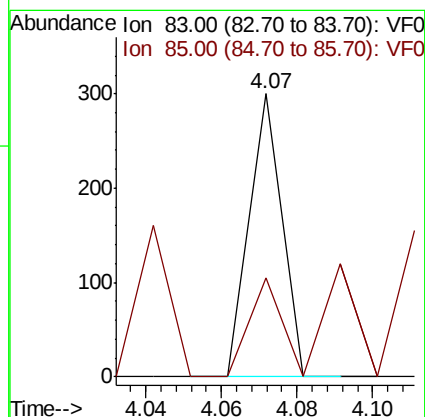
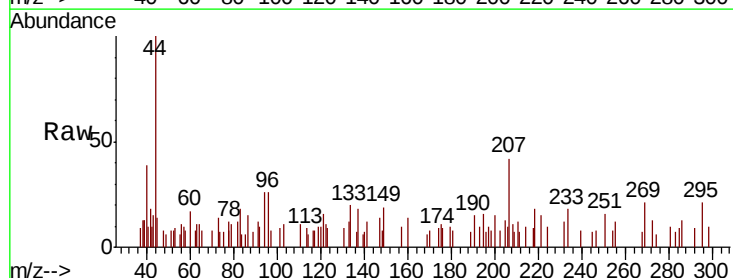
Instrument :
MSVOA_F
ClientSampled :

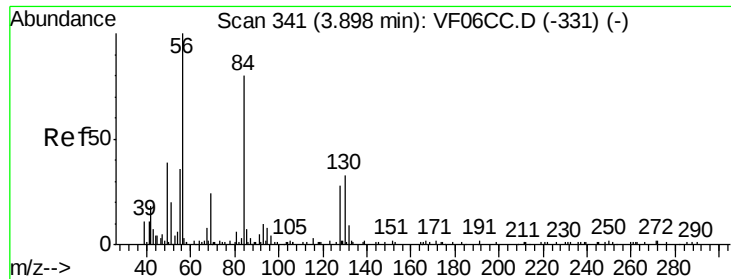
Tot Ion: 42 Resp: 970
Ion Ratio Lower Upper
42 100
72 7.1 39.0 58.6#
71 41.6 36.9 55.3



#30
Chloroform
Concen: 8.607 ug/l
RT: 4.07 min Scan# 359
Delta R.T. -0.01 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion: 83 Resp: 177
Ion Ratio Lower Upper
83 100
85 26.3 55.0 82.6#

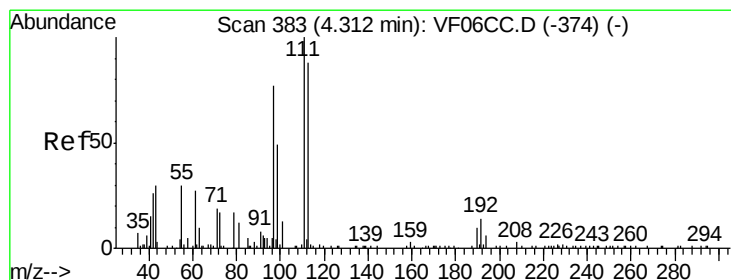
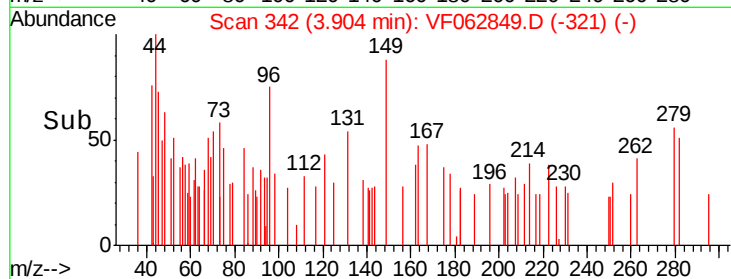
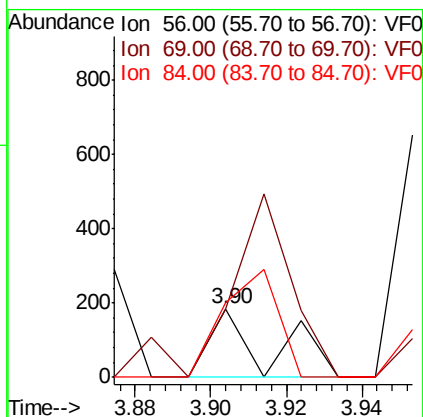
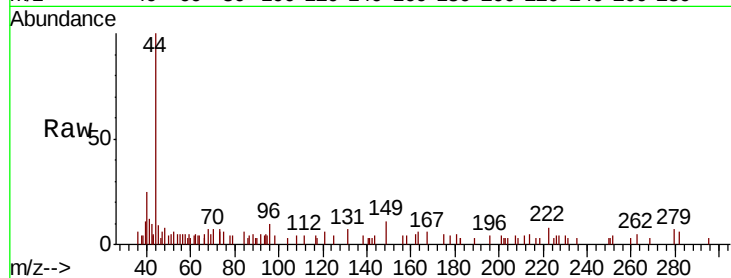




#31
Cyclohexane
Concen: 10.073 ug/l
RT: 3.90 min Scan# 342
Delta R.T. 0.00 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

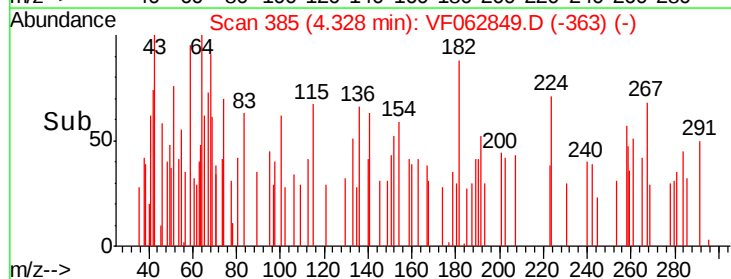
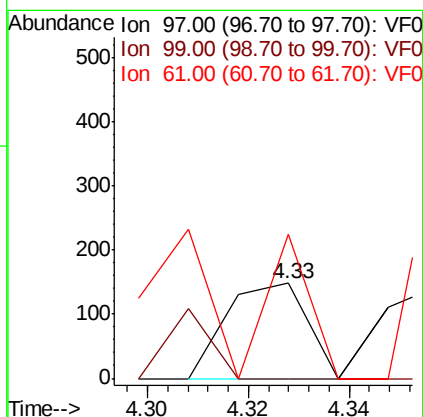
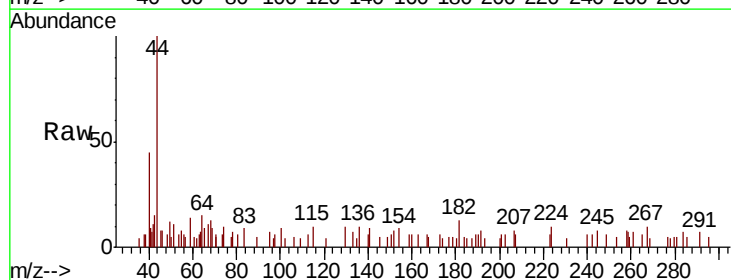
Instrument :
MSVOA_F
ClientSampled :

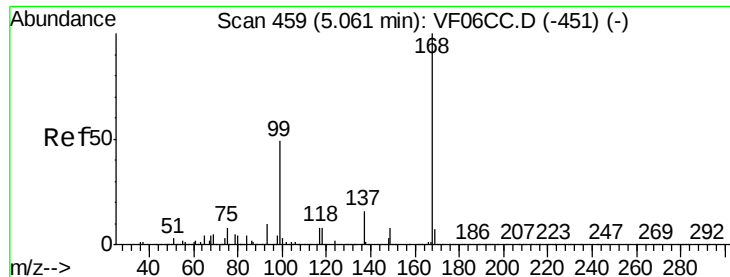
Tot Ion: 56 Resp: 199
Ion Ratio Lower Upper
56 100
69 98.9 26.7 40.1#
84 108.6 74.3 111.5



#32
1,1,1-Trichloroethane
Concen: 13.780 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion: 97 Resp: 165
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 151.4 38.9 58.3#





#33

1,2-Dichloroethane-d4

Concen: 41.066 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

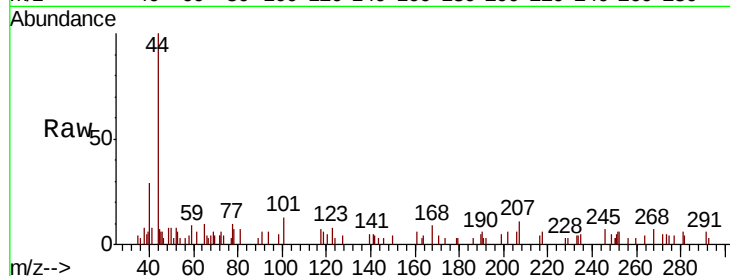
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 65 Resp: 303

Ion Ratio Lower Upper

65 100

67 43.9 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.07

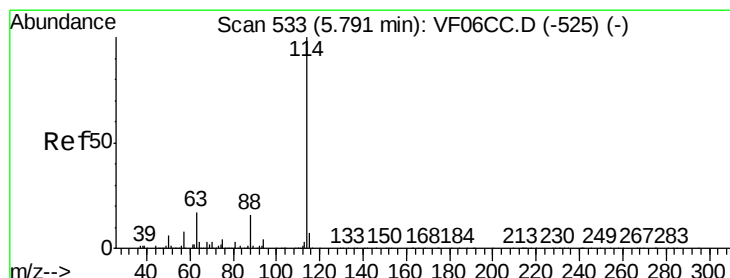
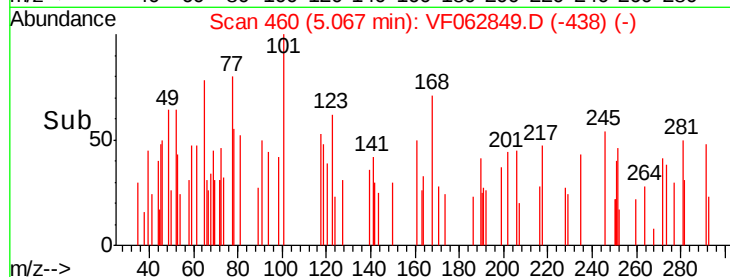
300

200

100

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 542

Delta R.T. 0.07 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

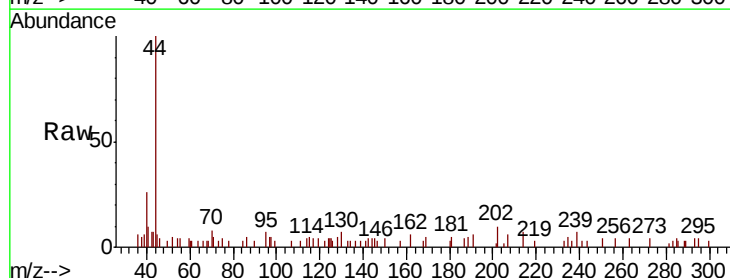
Tgt Ion: 114 Resp: 89

Ion Ratio Lower Upper

114 100

63 0.0 0.0 34.2

88 0.0 0.0 31.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

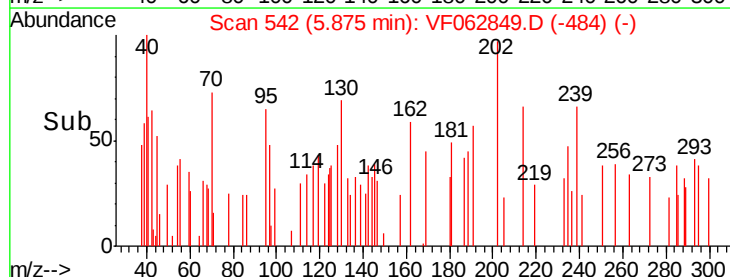
300

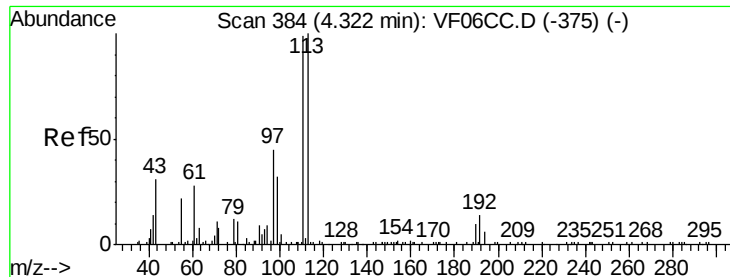
200

100

0

Time-->





#35

Dibromofluoromethane

Concen: 101.111 ug/l

RT: 4.41 min Scan# 393

Delta R.T. 0.07 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :
MSVOA_F
ClientSampleId :

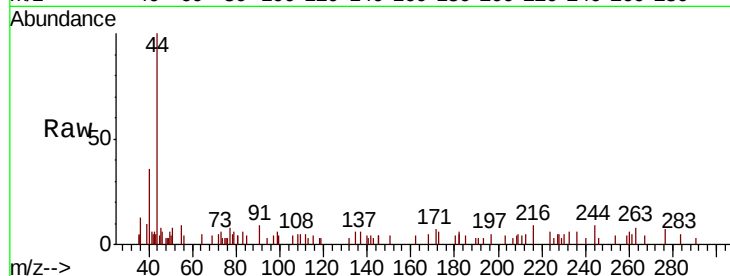
Tot Ion:113 Resp: 68

Ion Ratio Lower Upper

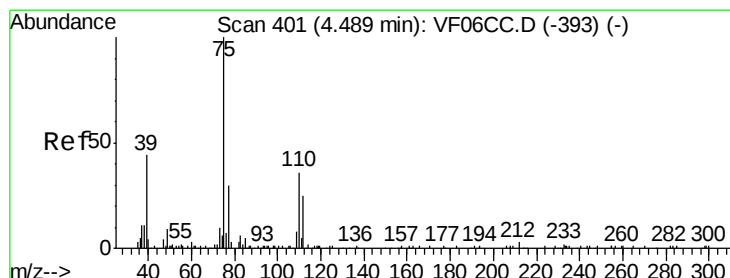
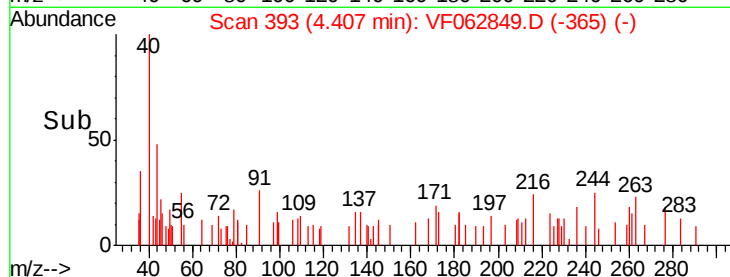
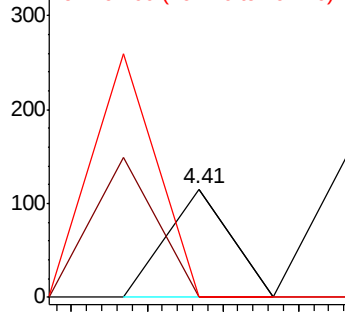
113 100

111 0.0 81.9 122.9#

192 0.0 15.1 22.7#



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



#36

1,1-Dichloropropene

Concen: 532.144 ug/l

RT: 4.60 min Scan# 413

Delta R.T. 0.10 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

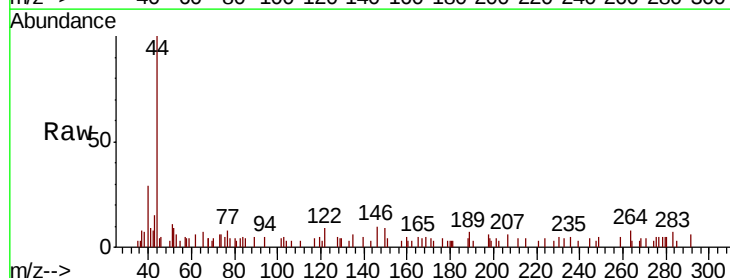
Tgt Ion: 75 Resp: 436

Ion Ratio Lower Upper

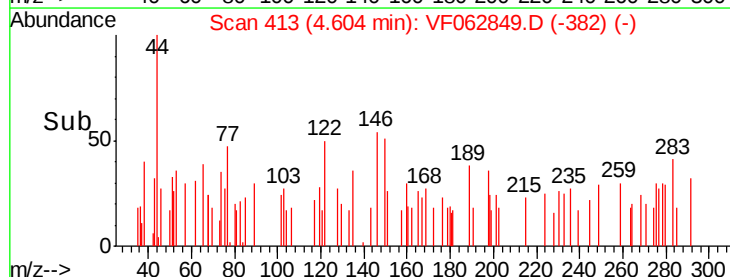
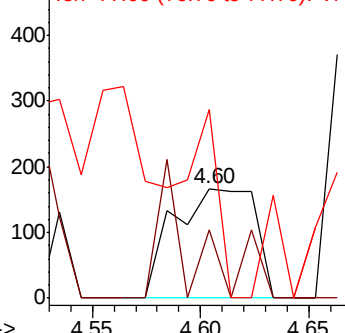
75 100

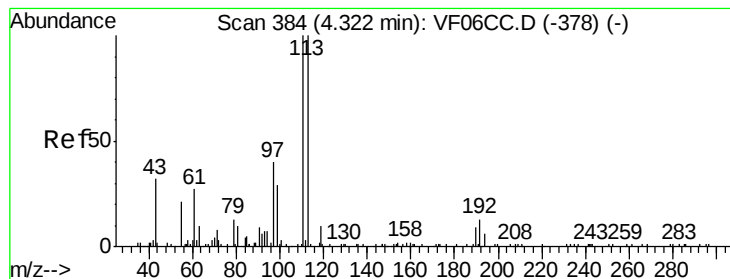
110 62.3 19.4 58.1#

77 172.5 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: 1979.570 ug/l

RT: 4.38 min Scan# 390

Delta R.T. 0.04 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :
MSVOA_F
ClientSampled :

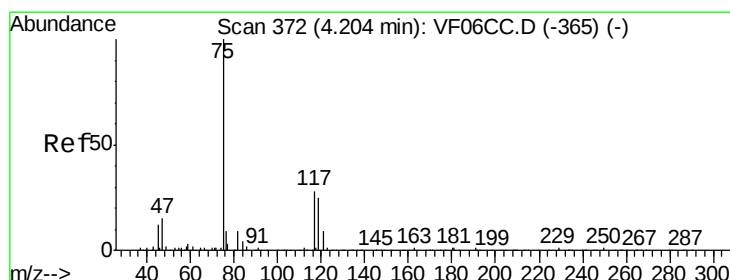
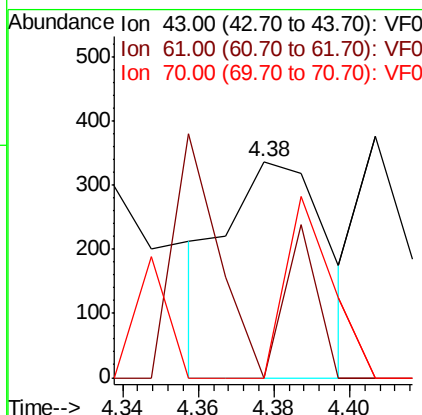
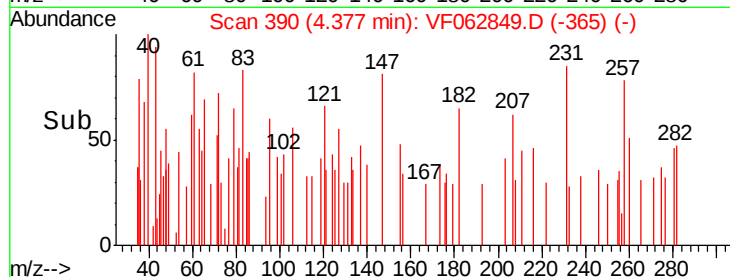
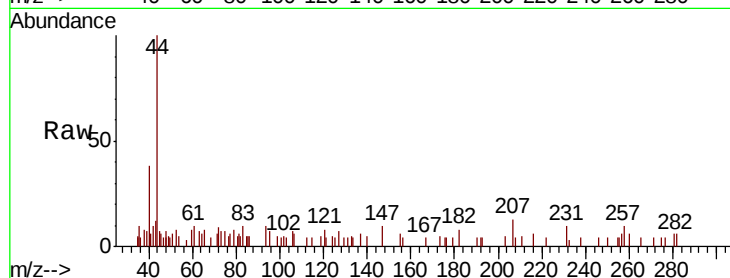
Tot Ion: 43 Resp: 620

Ion Ratio Lower Upper

43 100

61 0.0 59.1 88.7#

70 0.0 10.1 15.1#



#38

Carbon Tetrachloride

Concen: 144.474 ug/l

RT: 4.25 min Scan# 377

Delta R.T. 0.04 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

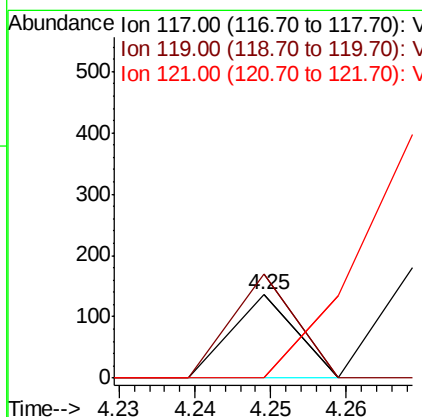
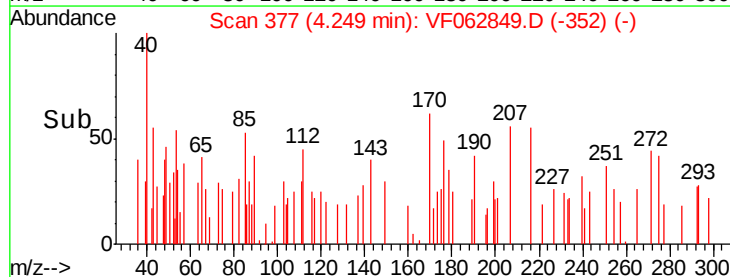
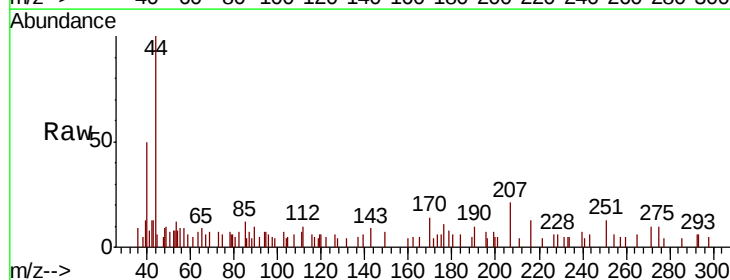
Tgt Ion: 117 Resp: 80

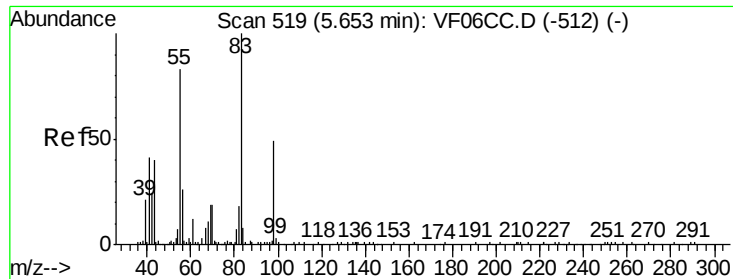
Ion Ratio Lower Upper

117 100

119 124.3 78.2 117.2#

121 0.0 28.2 42.2#

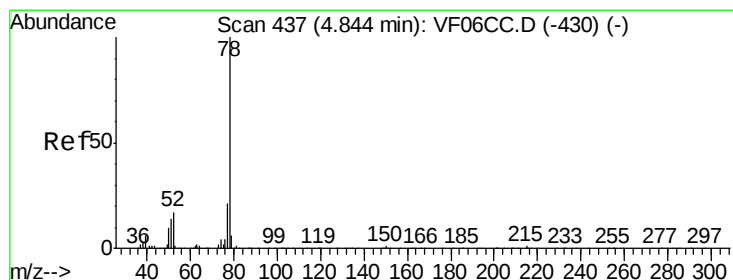
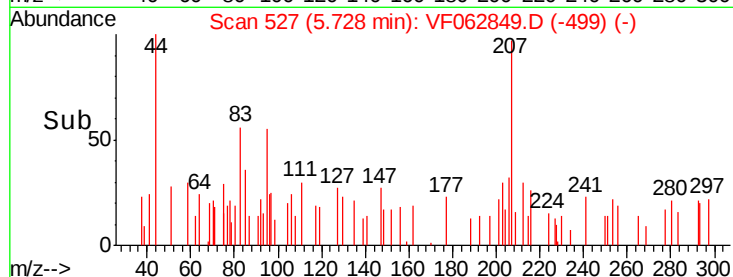
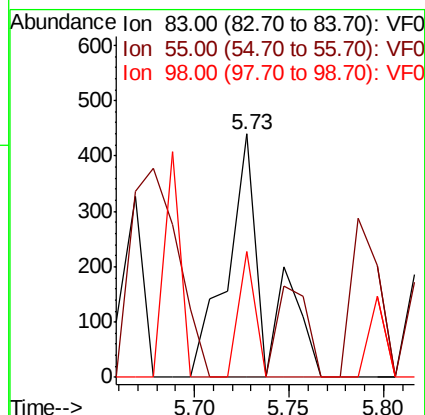
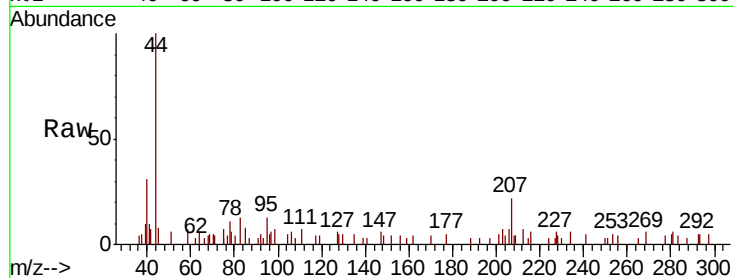




#39
Methylcyclohexane
Concen: 608.004 ug/l
RT: 5.73 min Scan# 527
Delta R.T. 0.07 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

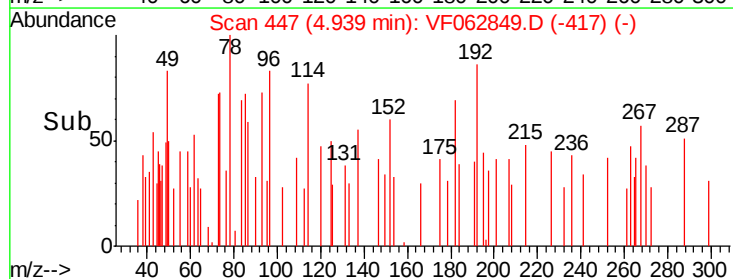
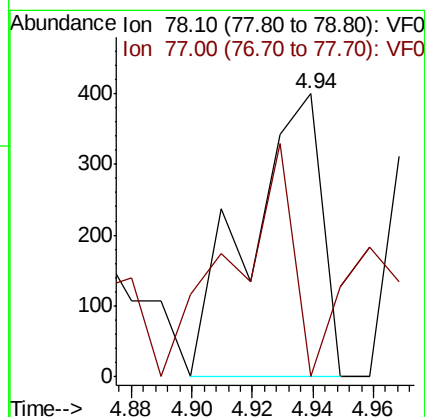
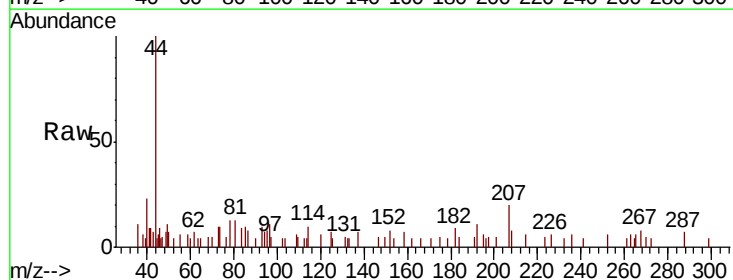
Instrument :
MSVOA_F
ClientSampled :

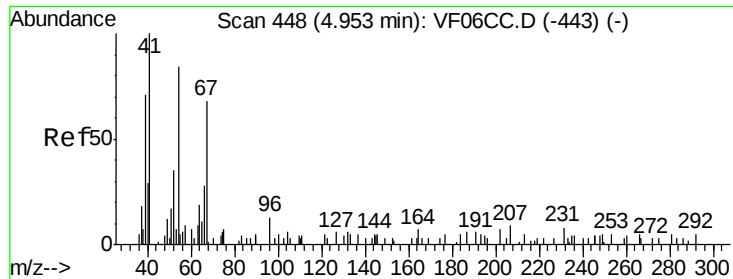
Tot Ion: 83 Resp: 620
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 51.6 37.4 56.2



#40
Benzene
Concen: 275.525 ug/l
RT: 4.94 min Scan# 447
Delta R.T. 0.09 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion: 78 Resp: 657
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#

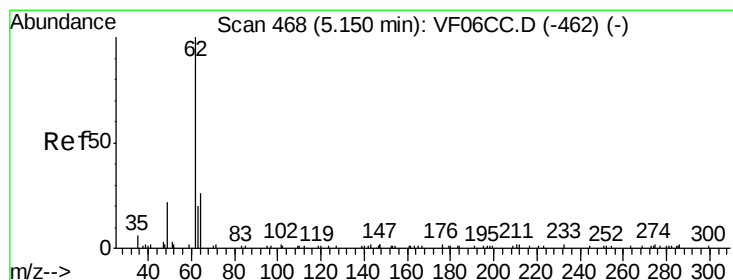
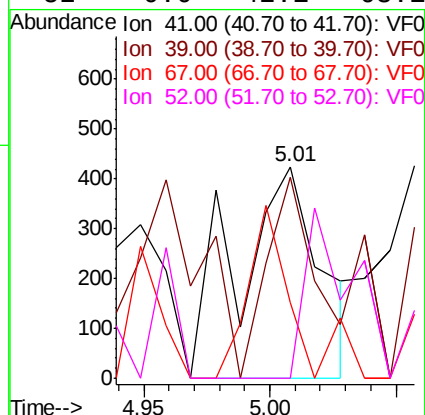
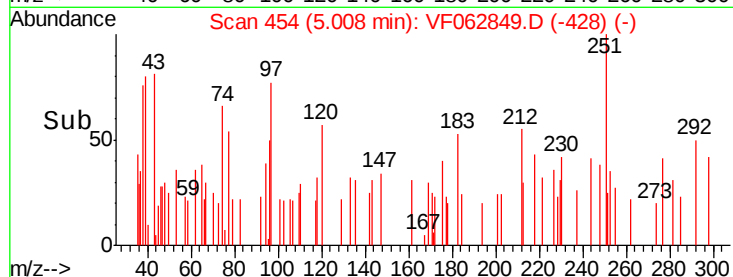
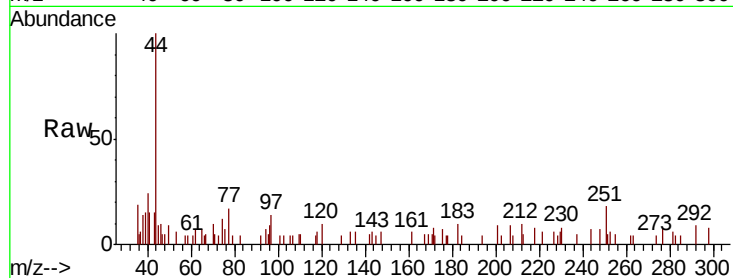




#41
Methacrylonitrile
Concen: 5634.235 ug/l
RT: 5.01 min Scan# 454
Delta R.T. 0.05 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

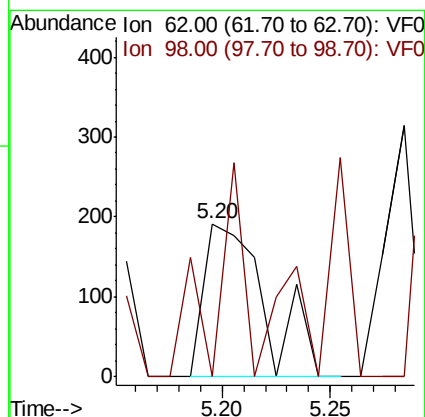
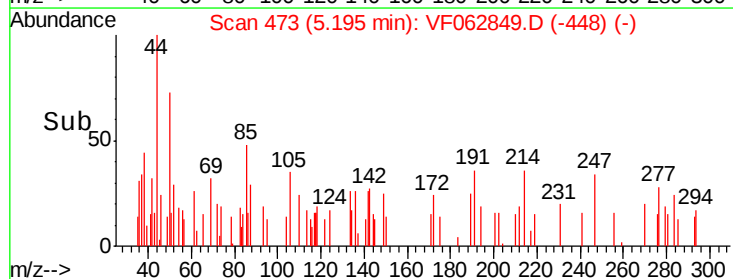
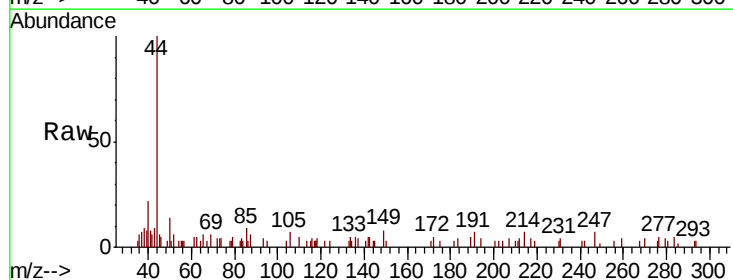
Instrument :
MSVOA_F
ClientSampleId :

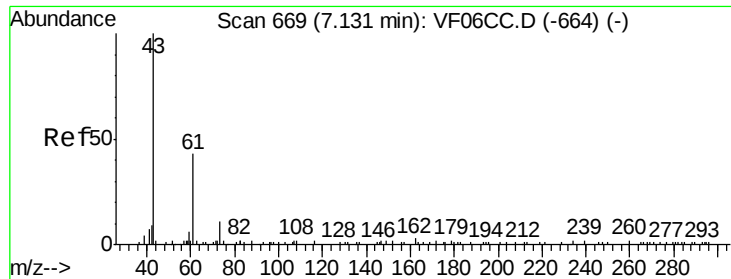
Tot Ion:	41	Resp:	981
Ion	Ratio	Lower	Upper
41	100		
39	95.3	42.0	63.0#
67	35.8	61.4	92.0#
52	0.0	42.1	63.1#



#42
1,2-Dichloroethane
Concen: 824.658 ug/l
RT: 5.20 min Scan# 473
Delta R.T. 0.04 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion:	62	Resp:	374
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	24.0





#43

Isopropyl Acetate

Concen: 684.005 ug/l

RT: 7.22 min Scan# 678

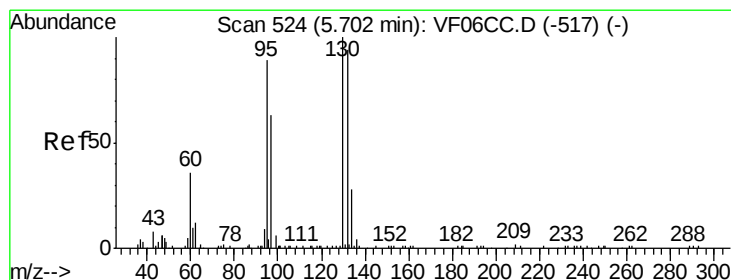
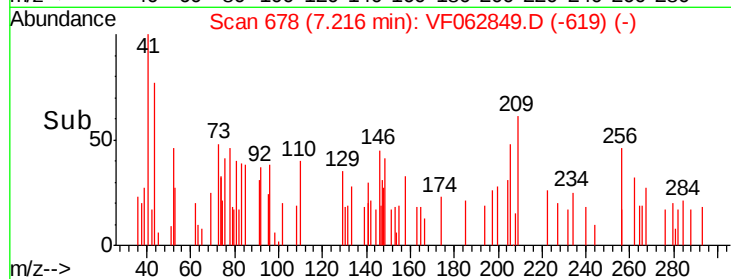
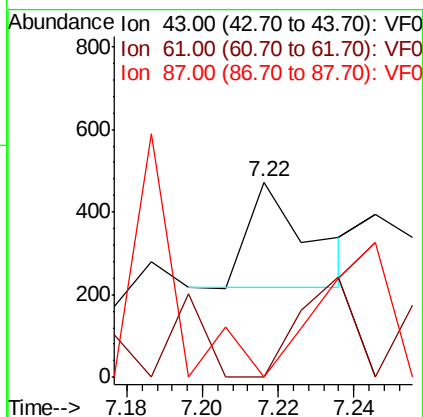
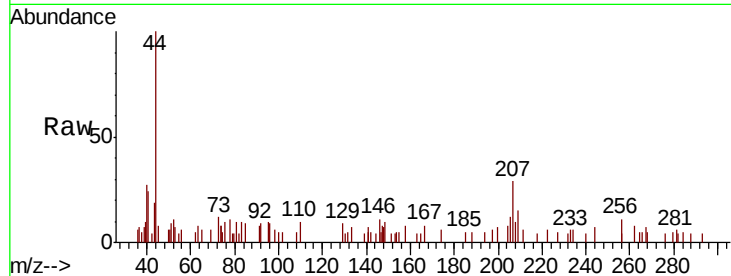
Delta R.T. 0.08 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	43	Resp:	283
Ion	Ratio	Lower	Upper
43	100		
61	0.0	29.8	44.6#
87	0.0	0.3	0.5#



#44

Trichloroethene

Concen: 136.707 ug/l

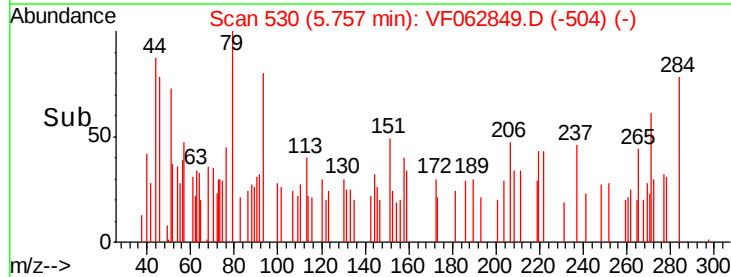
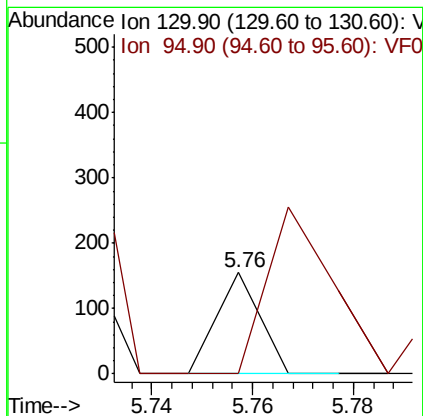
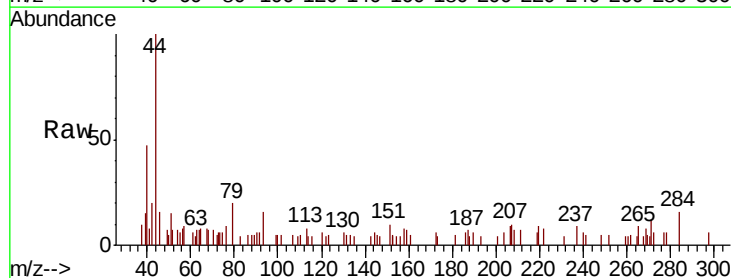
RT: 5.76 min Scan# 530

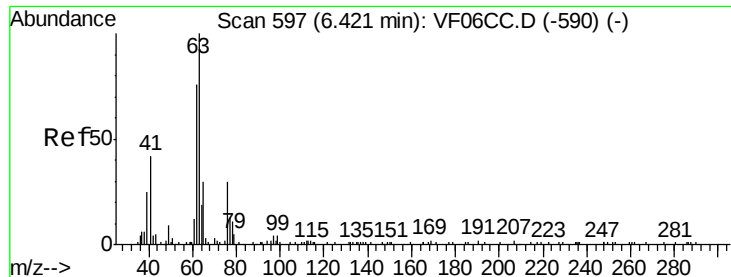
Delta R.T. 0.05 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Tgt Ion:	130	Resp:	92
Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	188.2





#45

1,2-Dichloropropane

Concen: 133.692 ug/l

RT: 6.49 min Scan# 604

Delta R.T. 0.05 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

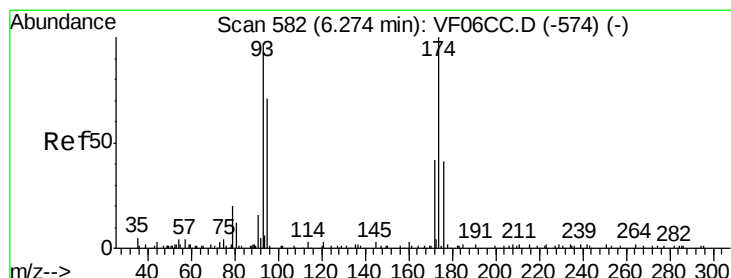
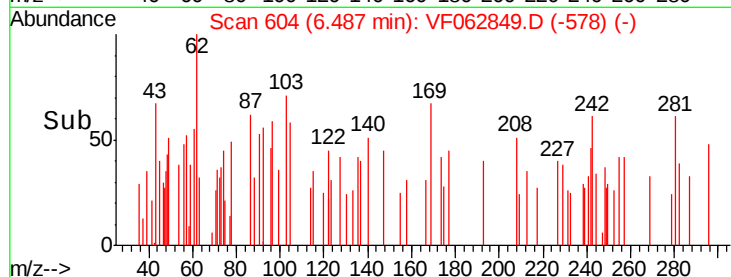
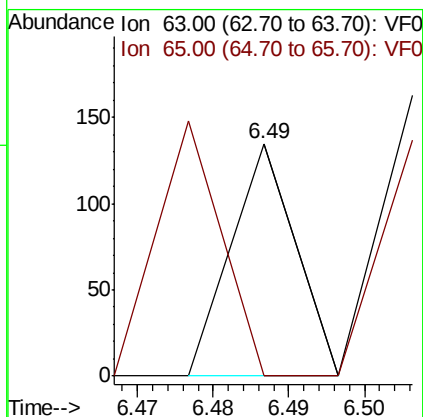
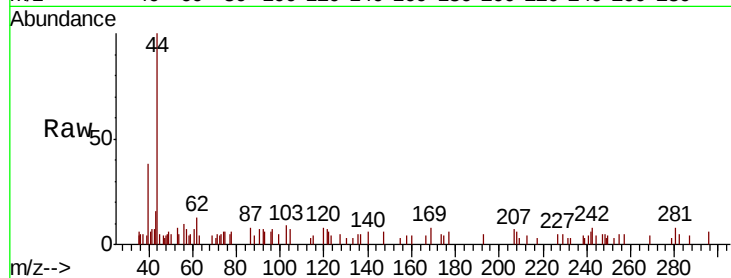
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 63 Resp: 80

Ion Ratio Lower Upper

63 100

65 0.0 24.2 36.2#



#46

Dibromomethane

Concen: 291.957 ug/l

RT: 6.38 min Scan# 593

Delta R.T. 0.09 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

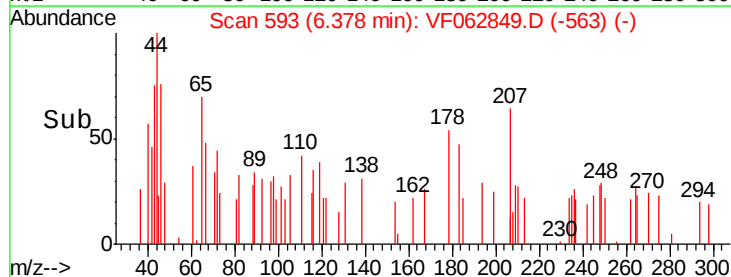
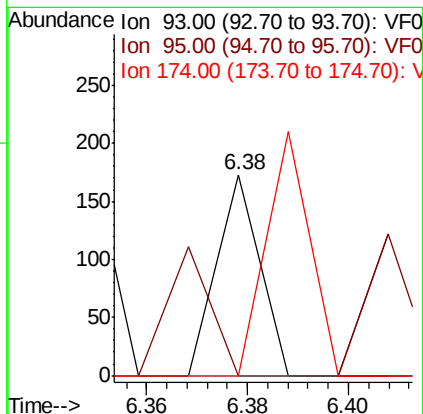
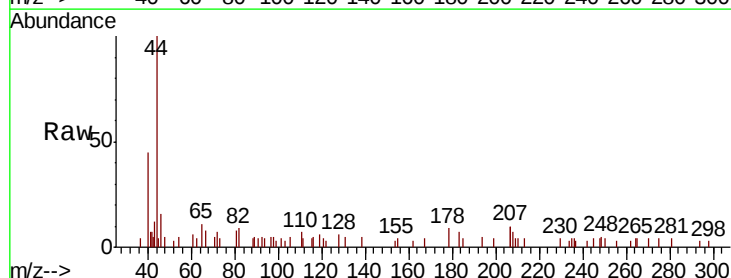
Tgt Ion: 93 Resp: 102

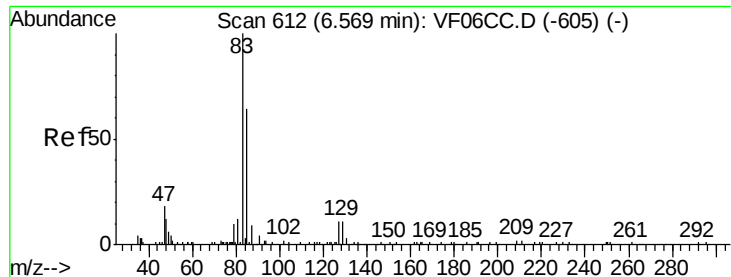
Ion Ratio Lower Upper

93 100

95 0.0 67.9 101.9#

174 0.0 85.0 127.4#





#47

Bromodichloromethane

Concen: 158.818 ug/l

RT: 6.66 min Scan# 622

Delta R.T. 0.08 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :
MSVOA_F
ClientSampled :

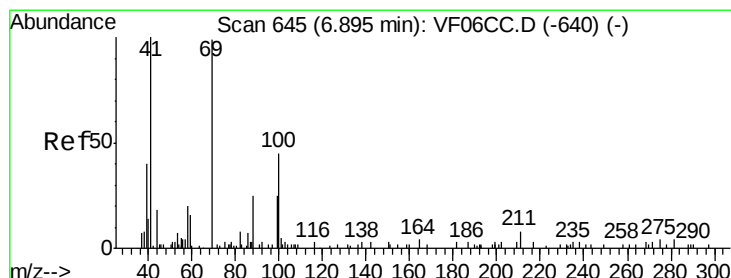
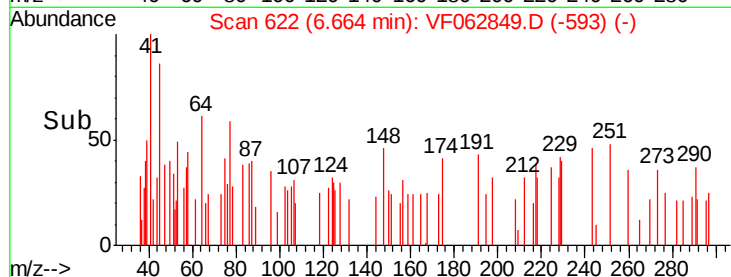
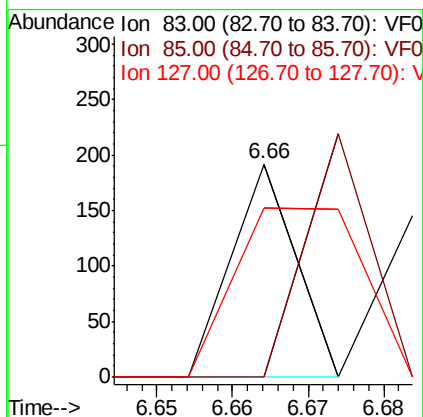
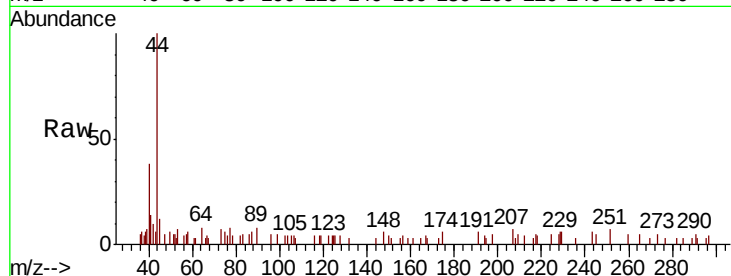
Tot Ion: 83 Resp: 113

Ion Ratio Lower Upper

83 100

85 0.0 54.2 81.4#

127 79.2 7.0 10.4#



#48

Methyl methacrylate

Concen: 9070.156 ug/l

RT: 6.91 min Scan# 647

Delta R.T. 0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

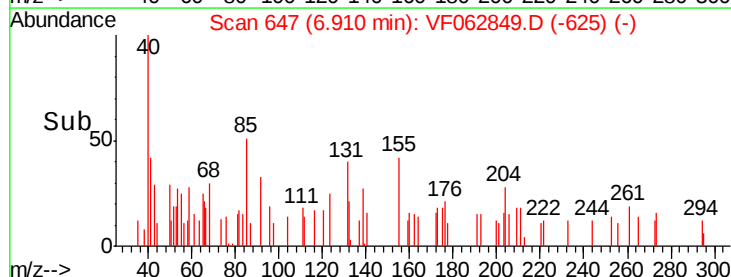
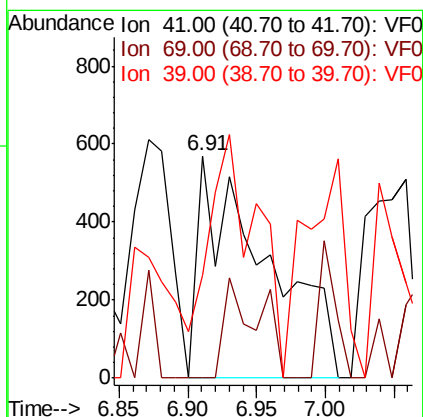
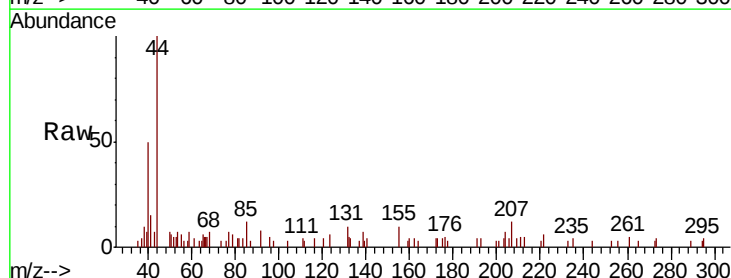
Tgt Ion: 41 Resp: 1934

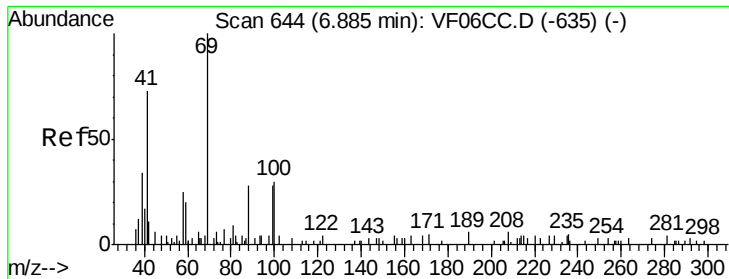
Ion Ratio Lower Upper

41 100

69 0.0 79.4 119.2#

39 46.0 39.8 59.6





#49

1,4-Dioxane

Concen: 25261.792 ug/l

RT: 6.96 min Scan# 652

Delta R.T. 0.07 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :
MSVOA_F
ClientSampled :

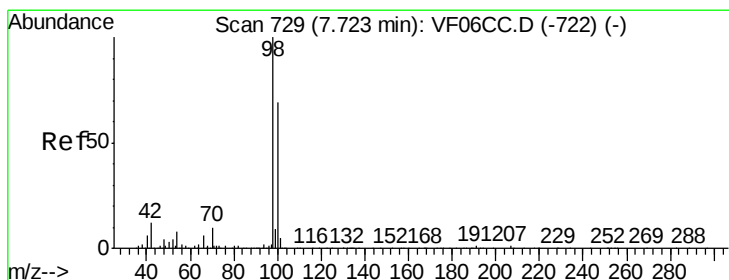
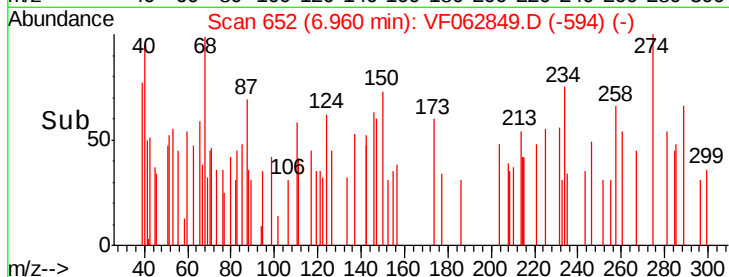
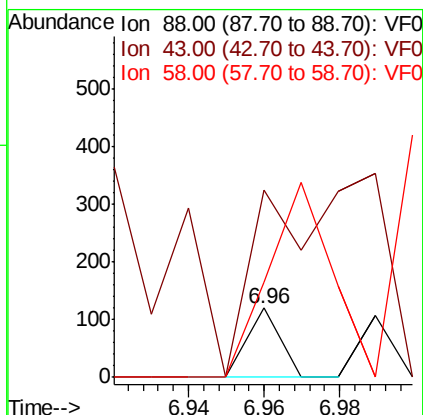
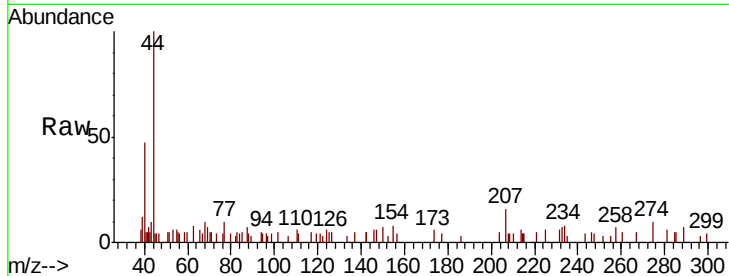
Tot Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 270.0 34.8 52.2#

58 136.7 59.9 89.9#



#50

Toluene-d8

Concen: 99.372 ug/l

RT: 7.82 min Scan# 739

Delta R.T. 0.08 min

Lab File: VF062849.D

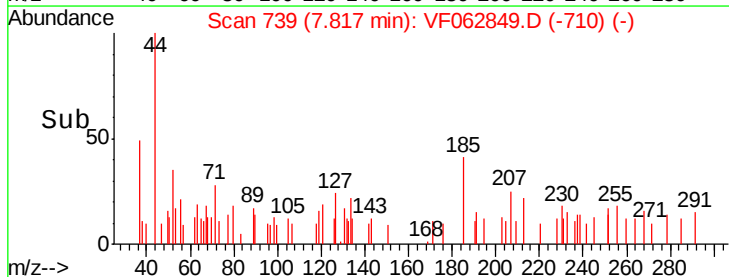
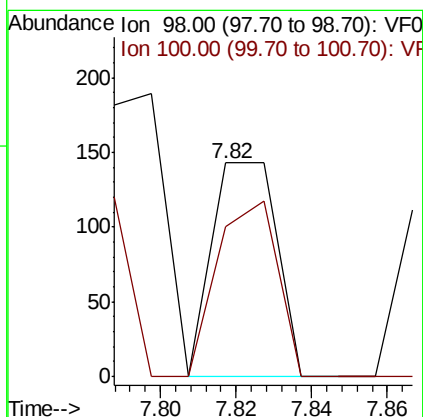
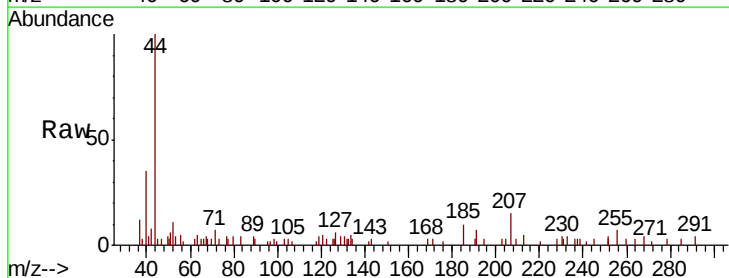
Acq: 4 Jun 2019 20:01

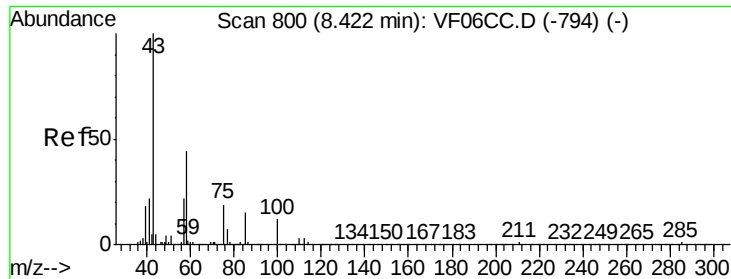
Tgt Ion: 98 Resp: 169

Ion Ratio Lower Upper

98 100

100 69.9 59.8 89.8

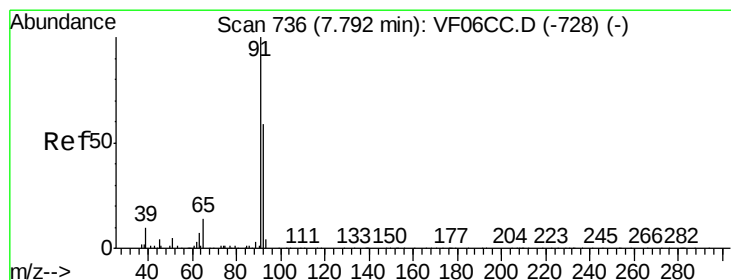
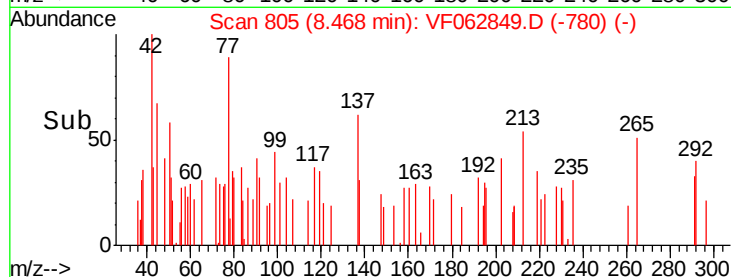
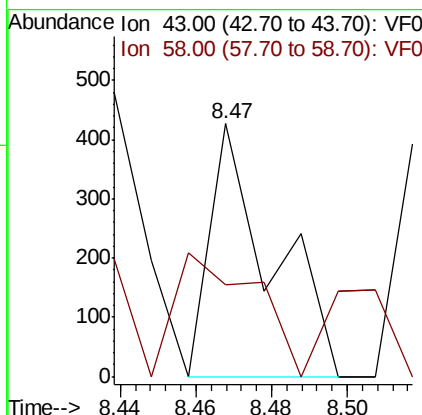
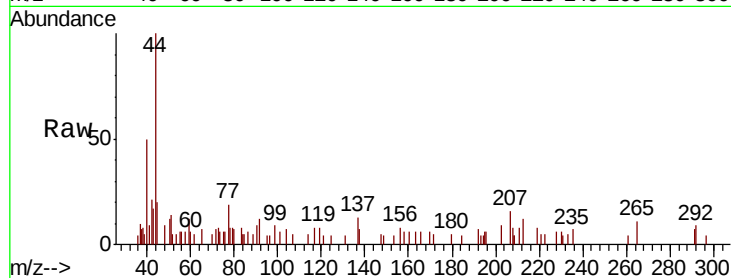




#51
4-Methyl-2-Pentanone
Concen: 1624.996 ug/l
RT: 8.47 min Scan# 805
Delta R.T. 0.04 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

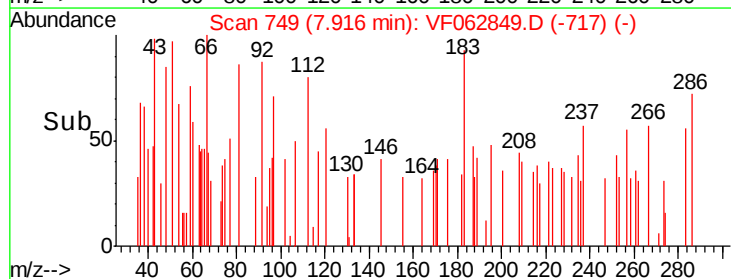
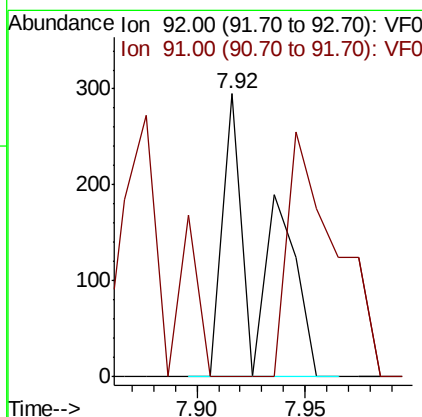
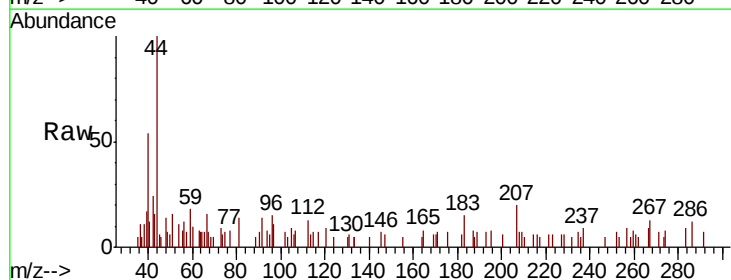
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 36.2 35.5 53.3



#52
Toluene
Concen: 280.300 ug/l
RT: 7.92 min Scan# 749
Delta R.T. 0.11 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion: 92 Resp: 360
Ion Ratio Lower Upper
92 100
91 0.0 123.2 184.8#

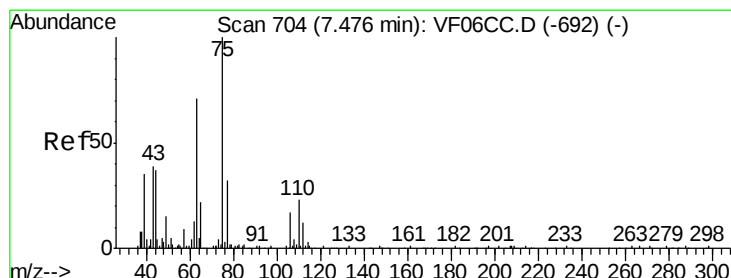
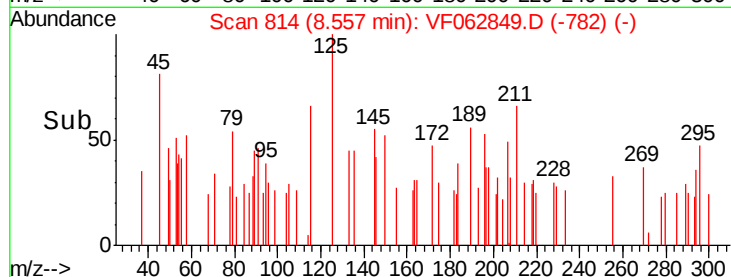
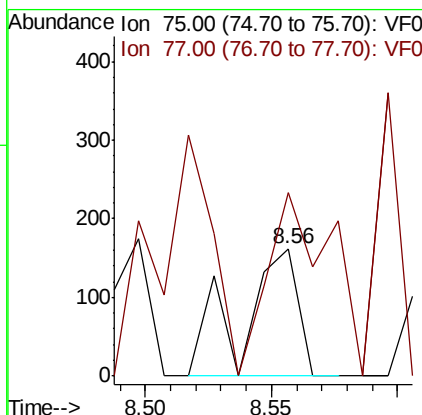
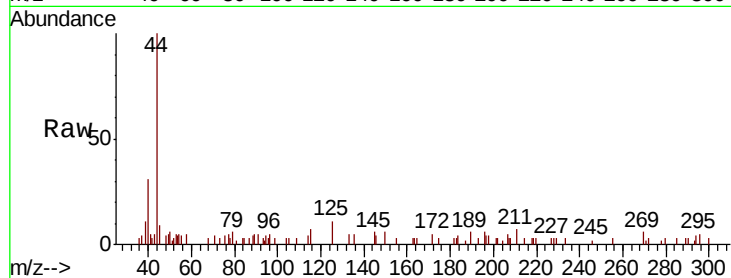




#53
t-1,3-Dichloropropene
Concen: 424.024 ug/l
RT: 8.56 min Scan# 814
Delta R.T. 0.11 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

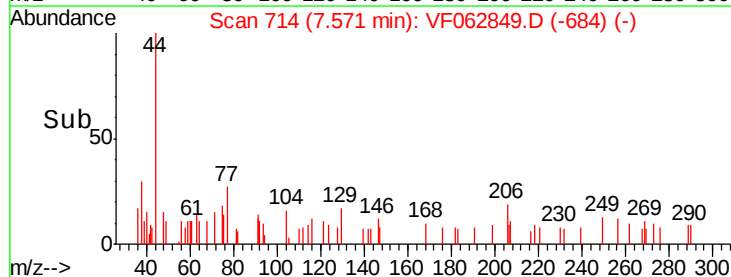
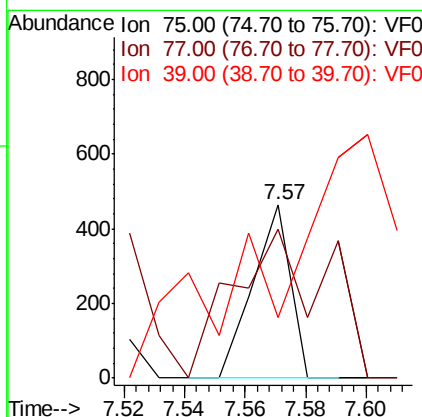
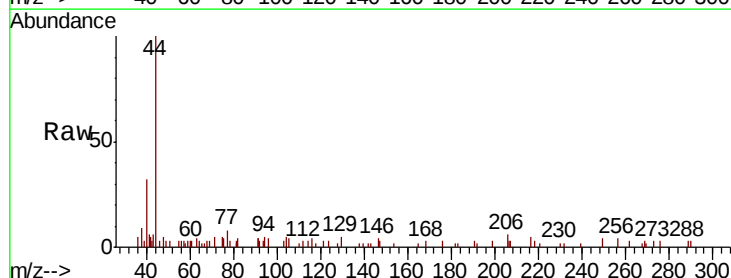
Instrument :
MSVOA_F
ClientSampled :

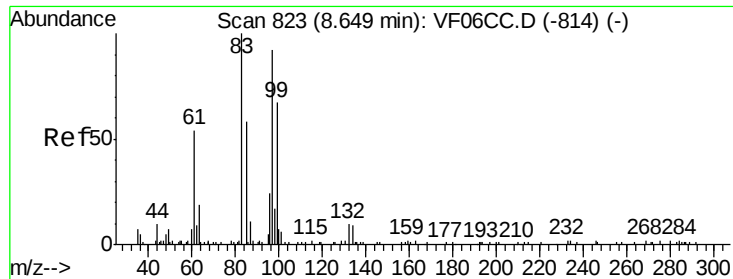
Tot Ion: 75 Resp: 250
Ion Ratio Lower Upper
75 100
77 143.8 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 473.378 ug/l
RT: 7.57 min Scan# 714
Delta R.T. 0.09 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion: 75 Resp: 404
Ion Ratio Lower Upper
75 100
77 85.6 25.8 38.8#
39 34.6 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 820.965 ug/l

RT: 8.77 min Scan# 836

Delta R.T. 0.12 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampled :

Tot Ion: 97 Resp: 315

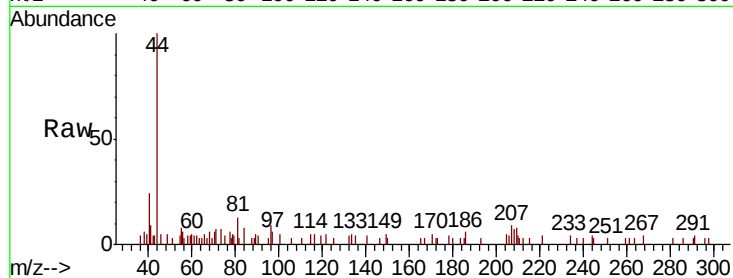
Ion Ratio Lower Upper

97 100

83 0.0 72.0 108.0#

85 0.0 47.5 71.3#

99 0.0 54.1 81.1#

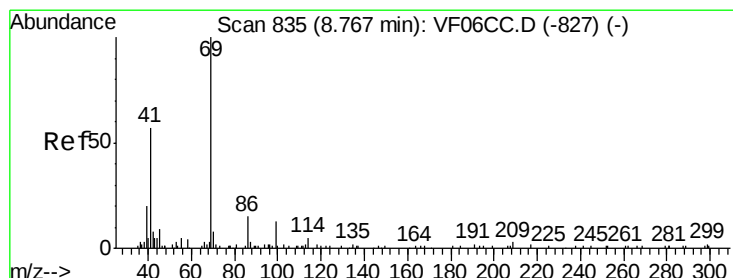
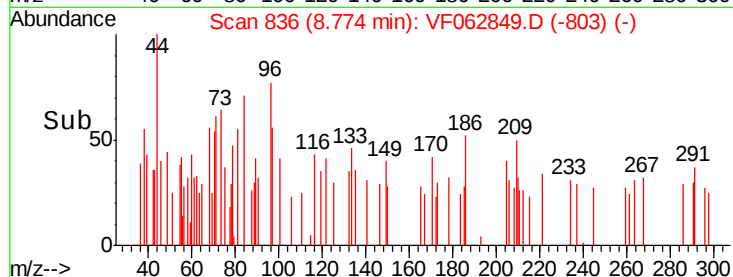
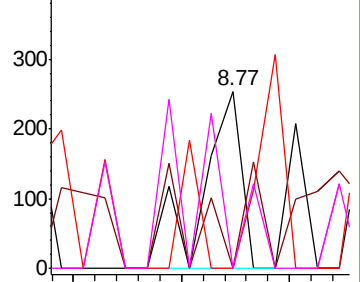


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 1204.779 ug/l

RT: 8.91 min Scan# 850

Delta R.T. 0.13 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

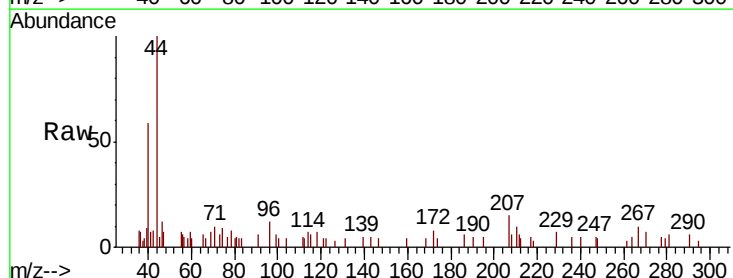
Tgt Ion: 69 Resp: 496

Ion Ratio Lower Upper

69 100

41 102.3 46.6 69.8#

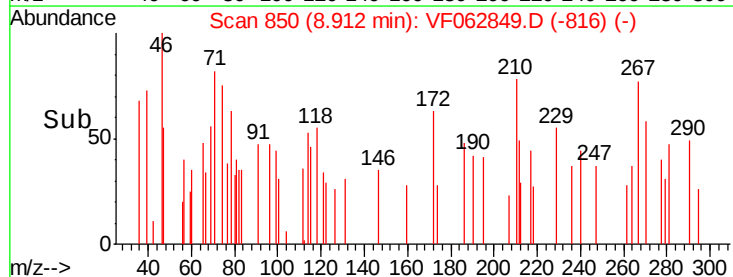
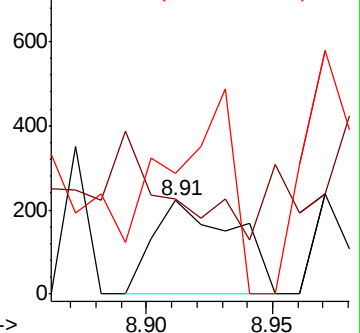
39 129.7 19.6 29.4#

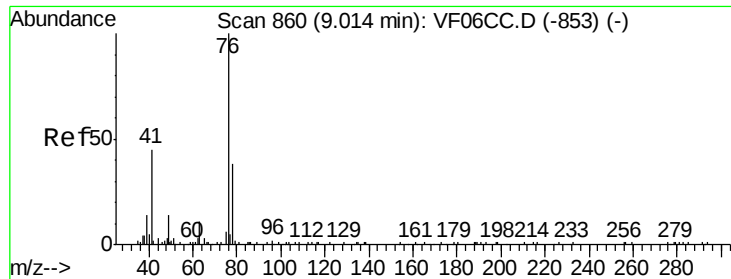


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

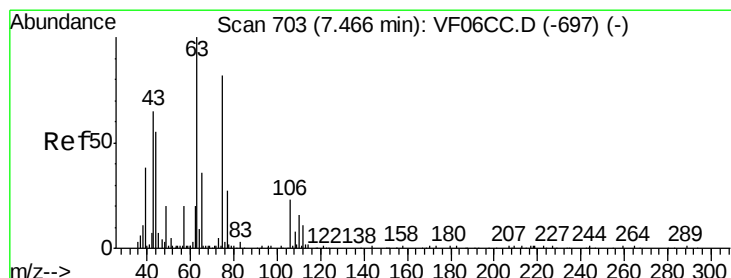
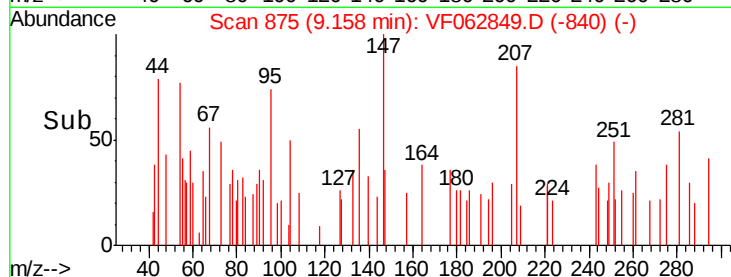
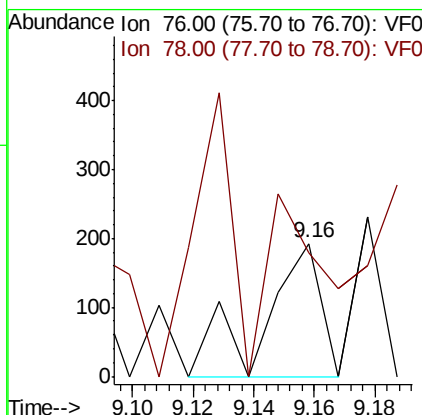
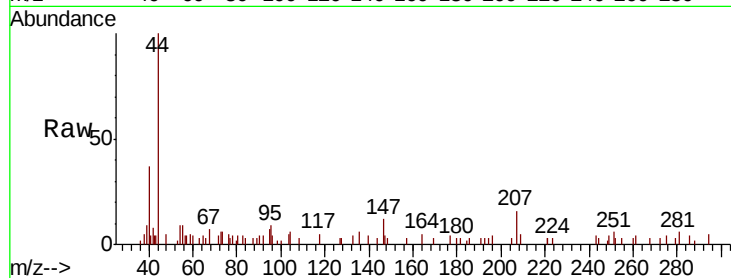




#57
 1,3-Dichloropropane
 Concen: 398.992 ug/l
 RT: 9.16 min Scan# 875
 Delta R.T. 0.14 min
 Lab File: VF062849.D
 Acq: 4 Jun 2019 20:01

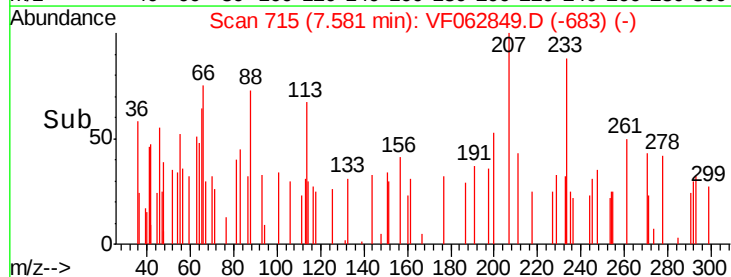
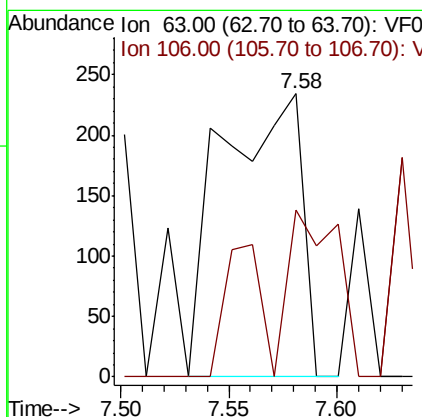
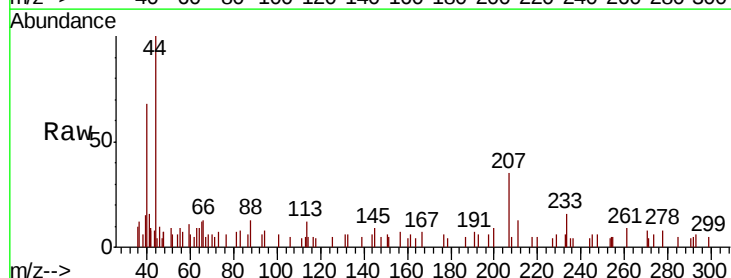
Instrument :
 MSVOA_F
 ClientSampleId :

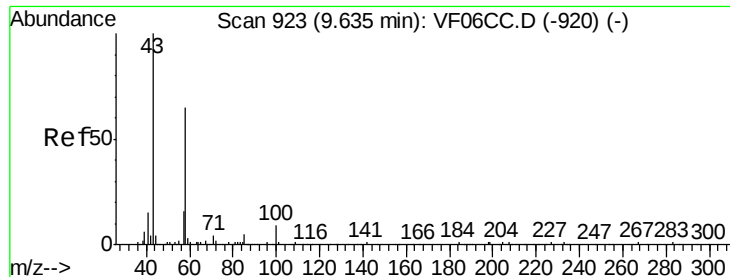
Tot Ion: 76 Resp: 250
 Ion Ratio Lower Upper
 76 100
 78 92.7 26.8 40.2#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4177.027 ug/l
 RT: 7.58 min Scan# 715
 Delta R.T. 0.11 min
 Lab File: VF062849.D
 Acq: 4 Jun 2019 20:01

Tgt Ion: 63 Resp: 601
 Ion Ratio Lower Upper
 63 100
 106 59.0 19.5 29.3#

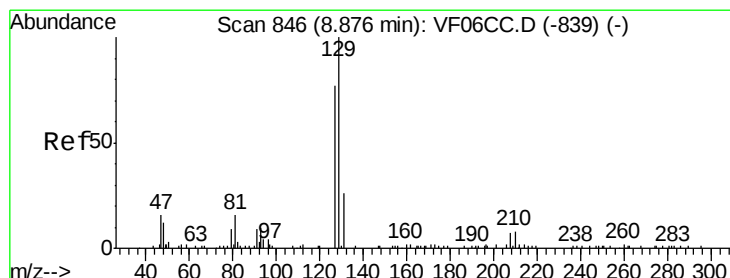
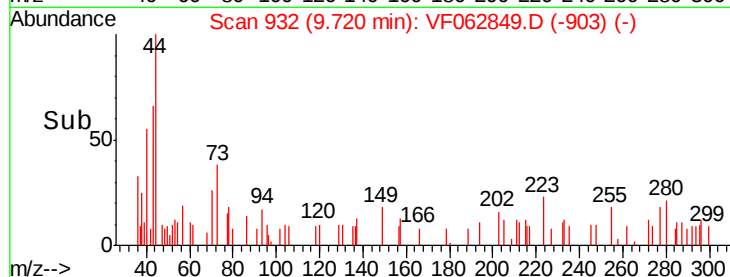
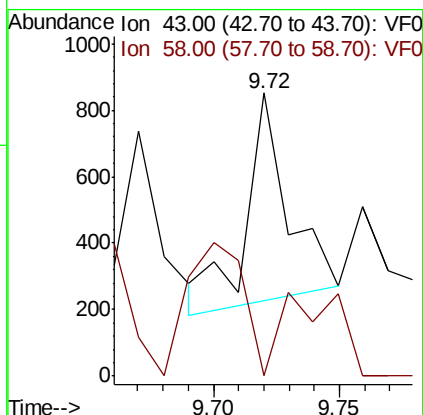
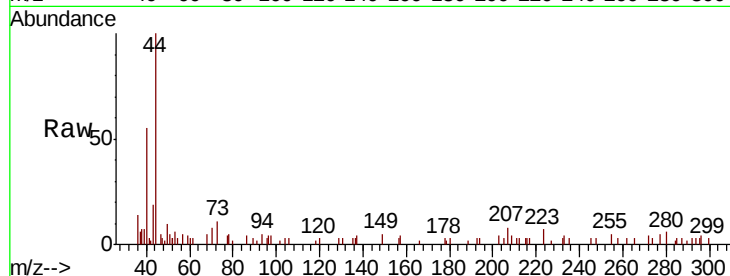




#59
2-Hexanone
Concen: 3443.507 ug/l
RT: 9.72 min Scan# 932
Delta R.T. 0.08 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

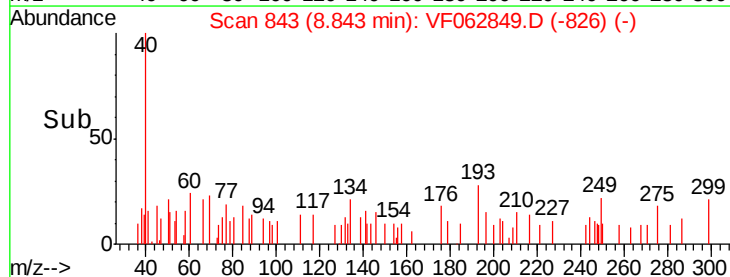
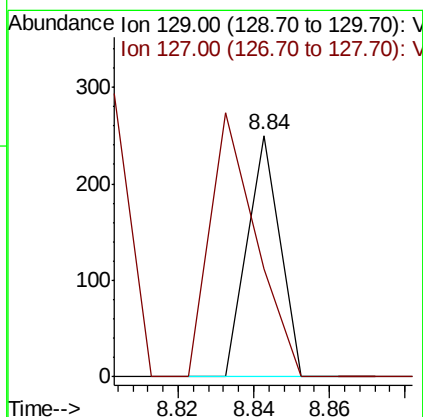
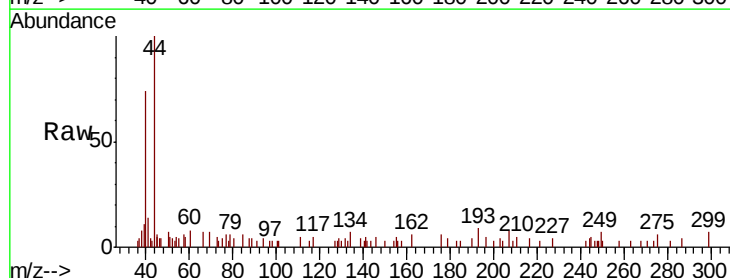
Instrument :
MSVOA_F
ClientSampled :

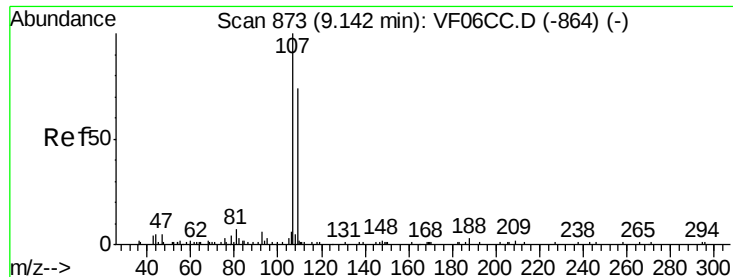
Tot Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
58 0.0 29.3 87.9#



#60
Dibromochloromethane
Concen: 311.555 ug/l
RT: 8.84 min Scan# 843
Delta R.T. -0.04 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion: 129 Resp: 148
Ion Ratio Lower Upper
129 100
127 44.8 37.1 111.3





#61

1,2-Dibromoethane

Concen: 376.422 ug/l

RT: 9.28 min Scan# 887

Delta R.T. 0.12 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

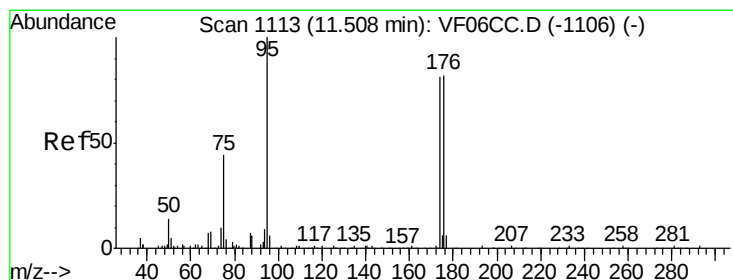
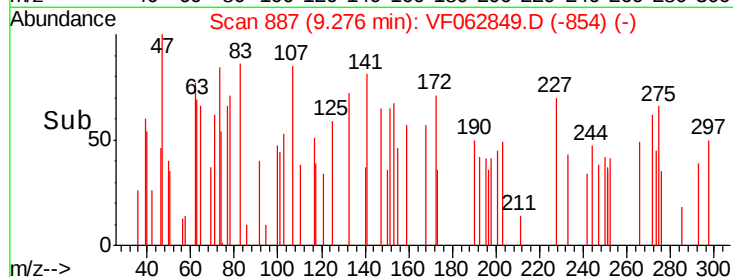
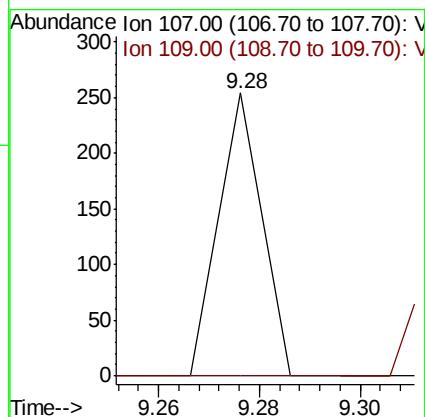
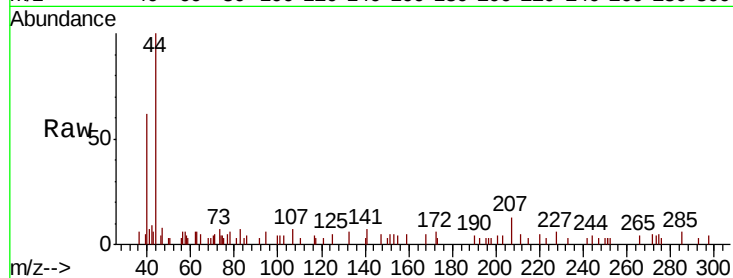
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 107 Resp: 150

Ion Ratio Lower Upper

107 100

109 0.0 78.1 117.1#



#62

4-Bromofluorobenzene

Concen: 433.182 ug/l

RT: 11.66 min Scan# 1129

Delta R.T. 0.15 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

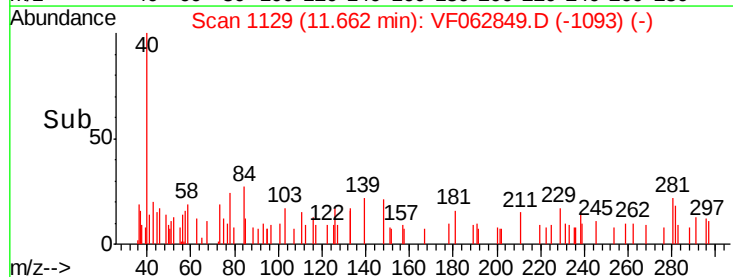
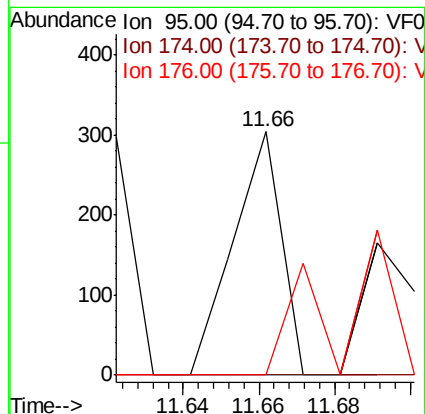
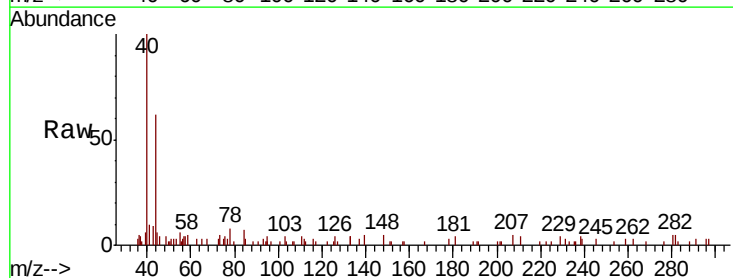
Tgt Ion: 95 Resp: 265

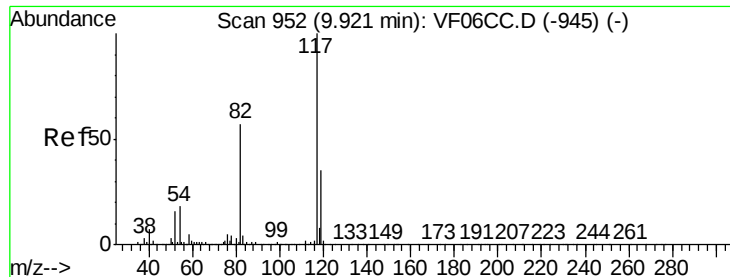
Ion Ratio Lower Upper

95 100

174 0.0 0.0 170.6

176 0.0 0.0 170.6

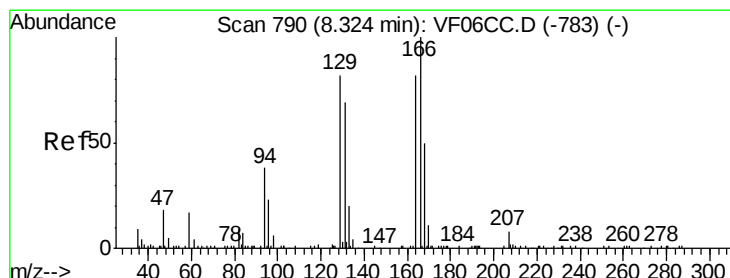
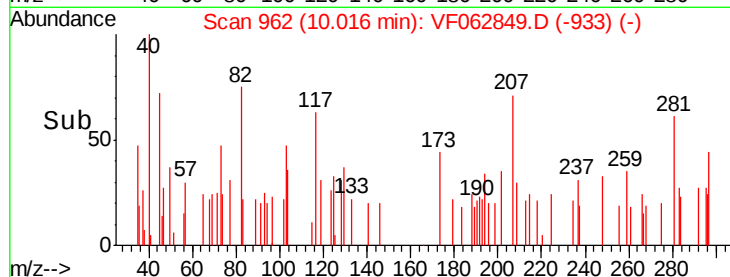
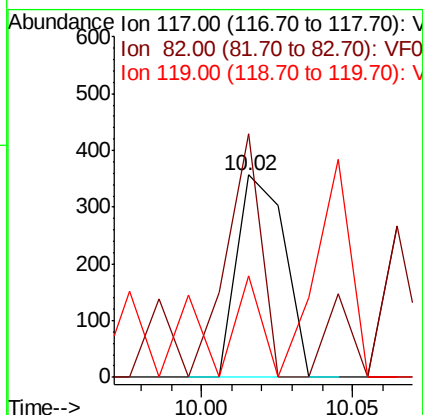
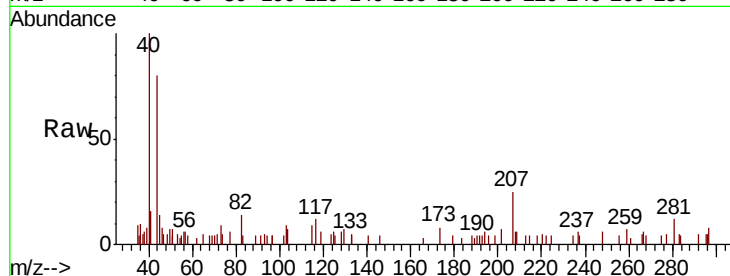




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.02 min Scan# 962
Delta R.T. 0.08 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

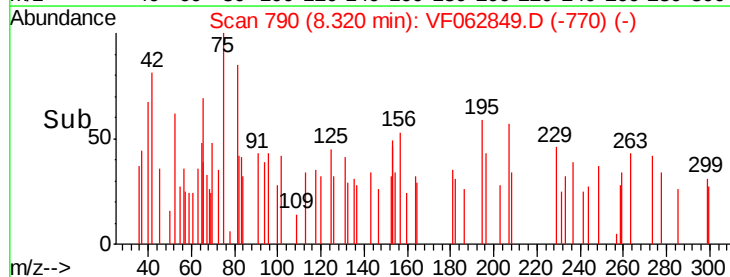
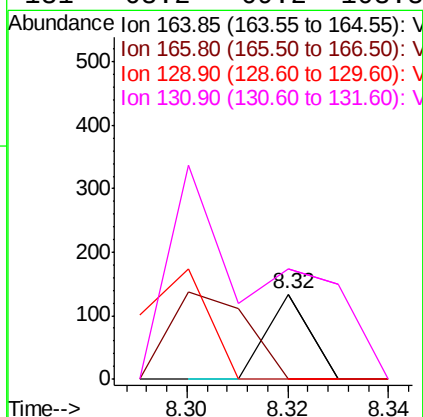
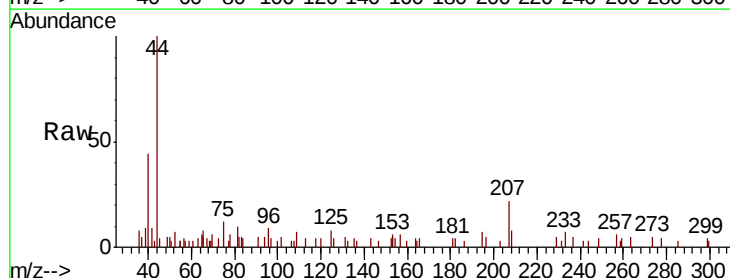
Instrument :
MSVOA_F
ClientSampled :

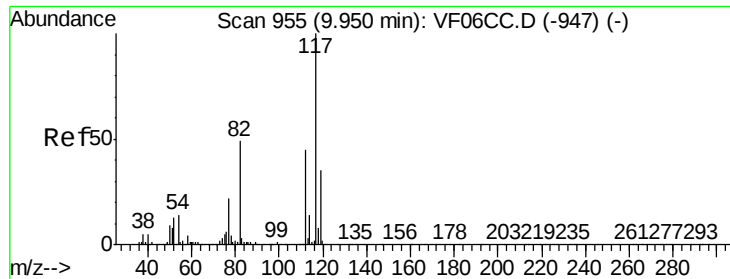
Tot Ion:117 Resp: 390
Ion Ratio Lower Upper
117 100
82 120.2 42.4 63.6#
119 49.9 27.1 40.7#



#64
Tetrachloroethene
Concen: 26.360 ug/l
RT: 8.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion:164 Resp: 79
Ion Ratio Lower Upper
164 100
166 0.0 99.1 148.7#
129 0.0 69.5 104.3#
131 68.2 69.2 103.8#

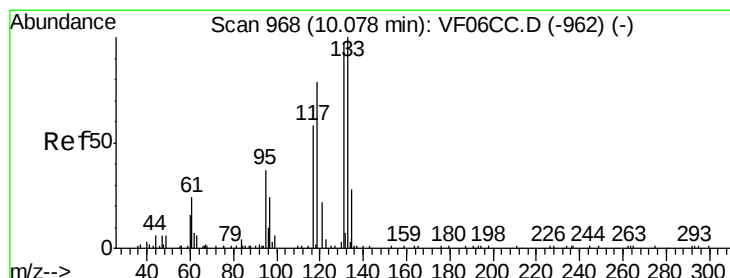
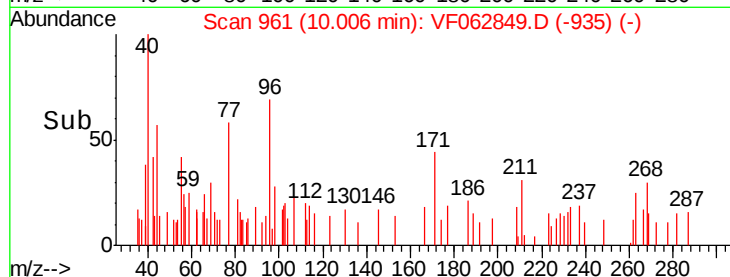
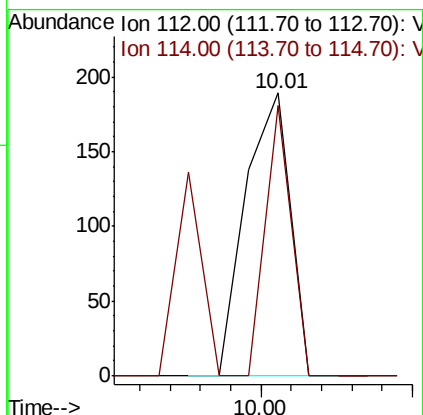
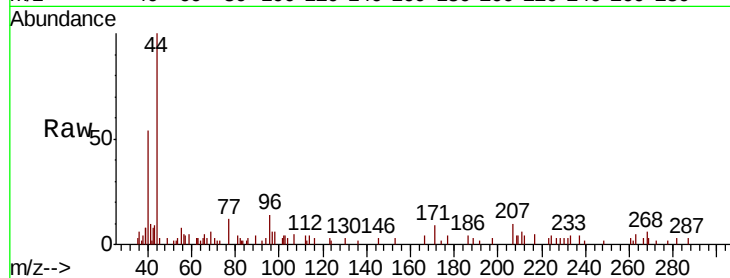




#65
Chlorobenzene
Concen: 25.626 ug/l
RT: 10.01 min Scan# 961
Delta R.T. 0.05 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

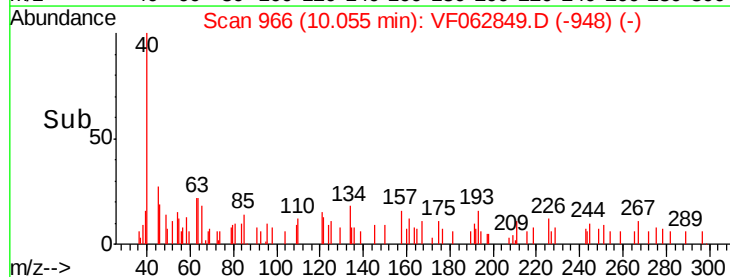
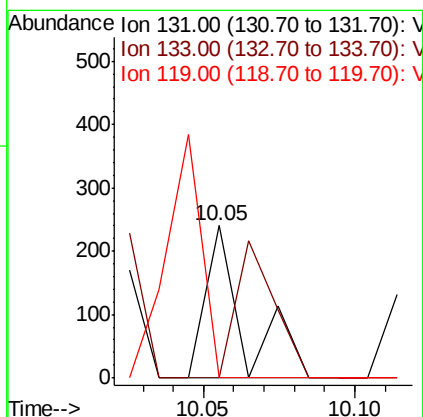
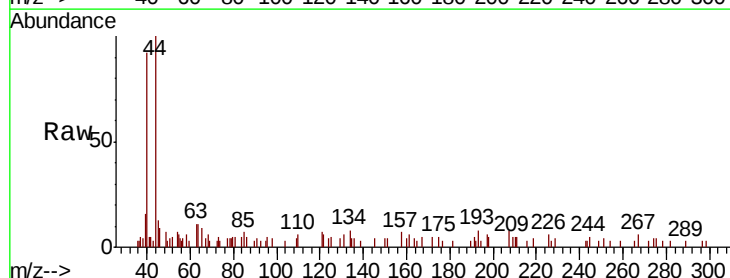
Instrument :
MSVOA_F
ClientSampleId :

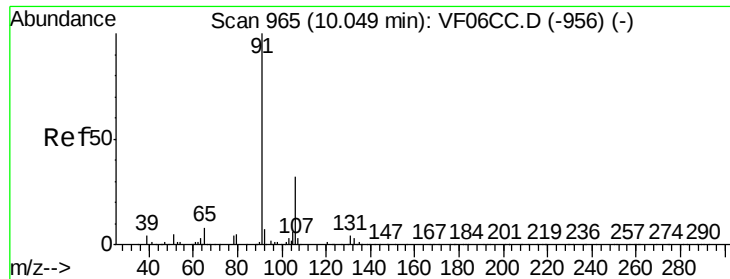
Tot Ion:112 Resp: 193
Ion Ratio Lower Upper
112 100
114 95.8 27.4 41.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 69.679 ug/l
RT: 10.05 min Scan# 966
Delta R.T. -0.03 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion:131 Resp: 209
Ion Ratio Lower Upper
131 100
133 0.0 48.9 146.7#
119 0.0 38.0 114.0#





#67

Ethyl Benzene

Concen: 32.342 ug/l

RT: 10.03 min Scan# 963

Delta R.T. -0.03 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

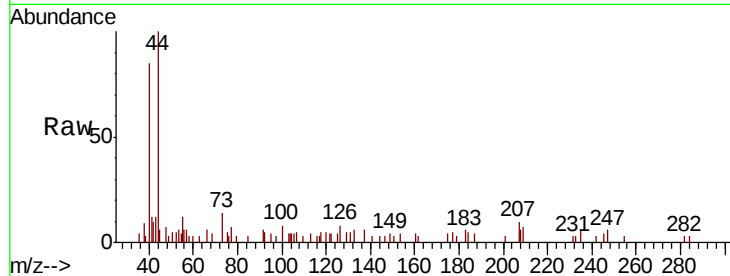
ClientSampled :

Tot Ion: 91 Resp: 418

Ion Ratio Lower Upper

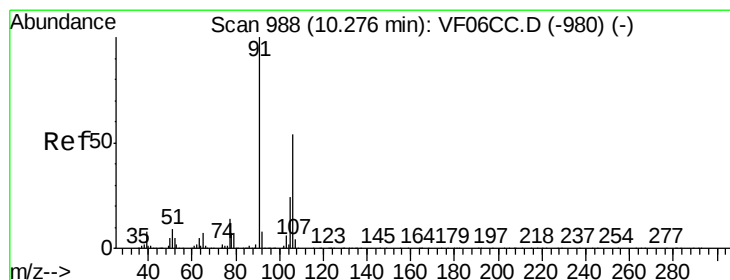
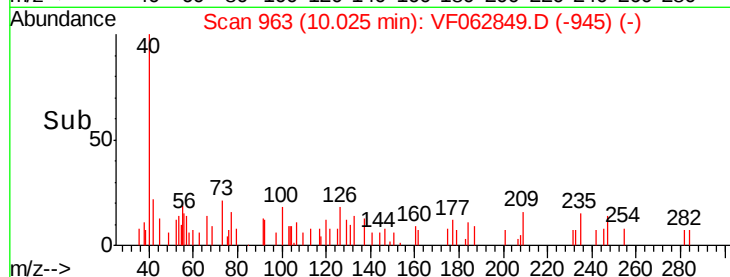
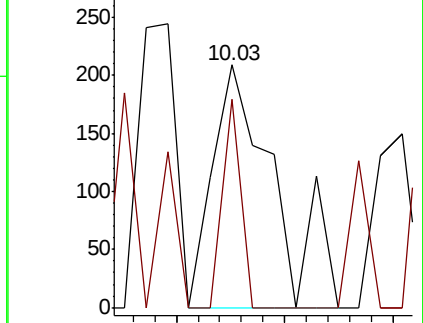
91 100

106 85.6 26.0 39.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 21.231 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.02 min

Lab File: VF062849.D

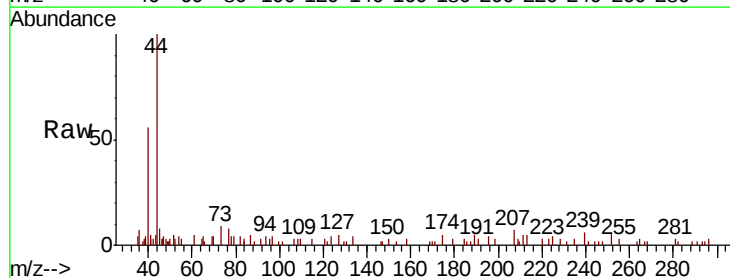
Acq: 4 Jun 2019 20:01

Tgt Ion: 106 Resp: 105

Ion Ratio Lower Upper

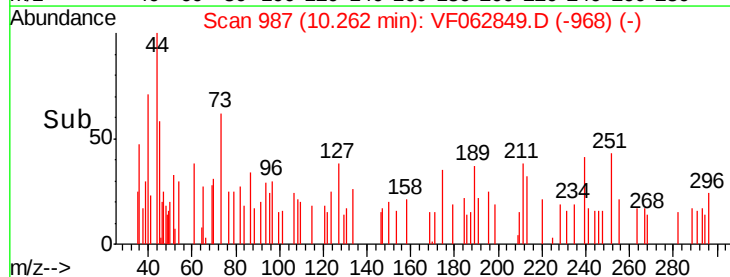
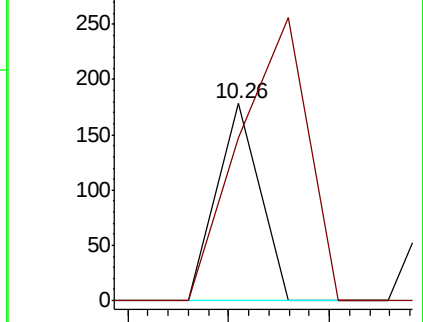
106 100

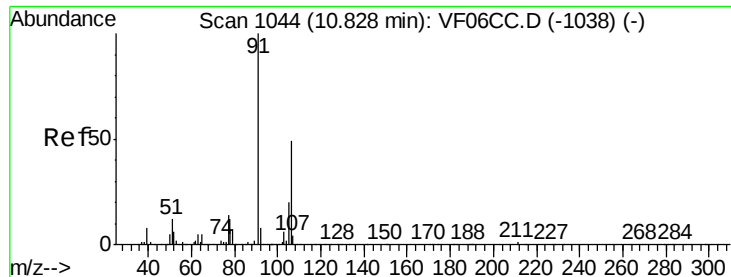
91 82.6 136.2 204.4#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

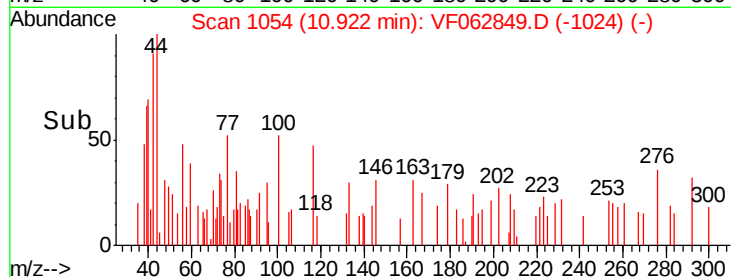
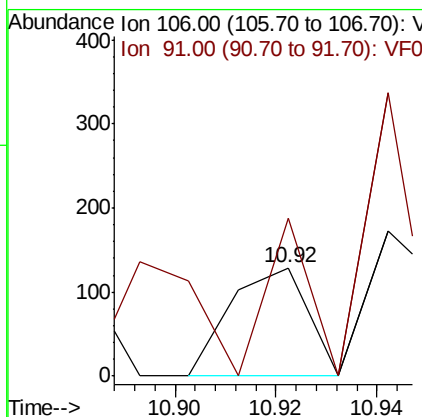
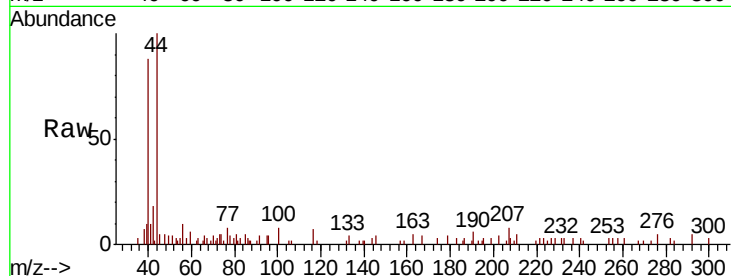




#69
o-Xylene
Concen: 27.360 ug/l
RT: 10.92 min Scan# 1054
Delta R.T. 0.09 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

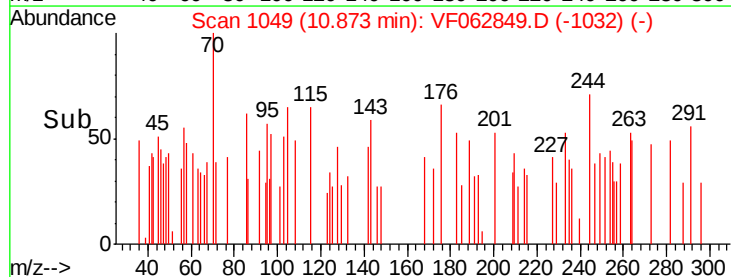
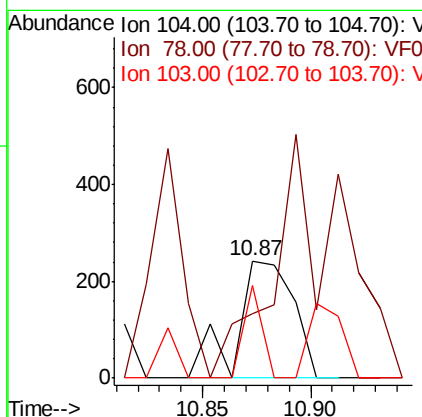
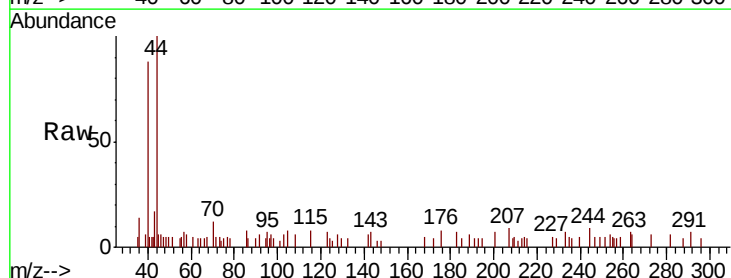
Instrument :
MSVOA_F
ClientSampled :

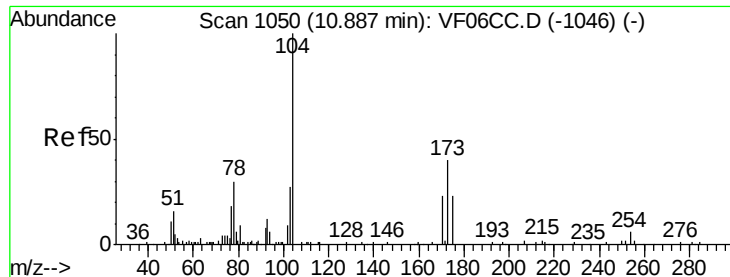
Tot Ion:106 Resp: 137
Ion Ratio Lower Upper
106 100
91 145.7 96.6 289.8



#70
Styrene
Concen: 59.481 ug/l
RT: 10.87 min Scan# 1049
Delta R.T. -0.04 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion:104 Resp: 439
Ion Ratio Lower Upper
104 100
78 55.4 30.8 46.2#
103 78.5 35.8 53.6#





#71

Bromoform

Concen: 78.532 ug/l

RT: 10.94 min Scan# 1056

Delta R.T. 0.04 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampled :

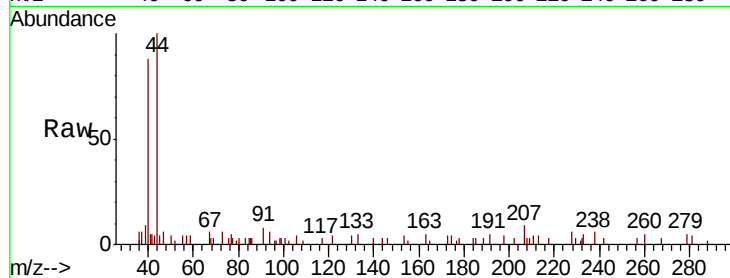
Tot Ion:173 Resp: 113

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

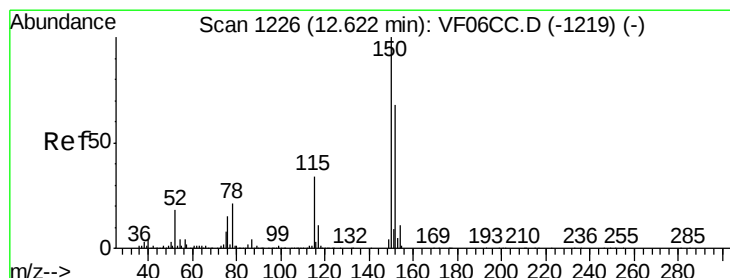
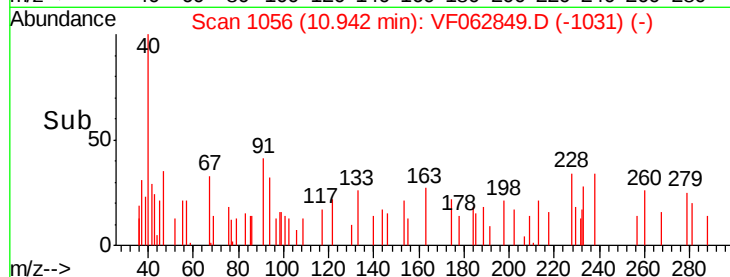
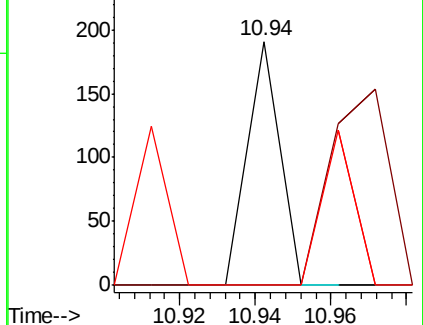
254 0.0 0.1 0.1#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

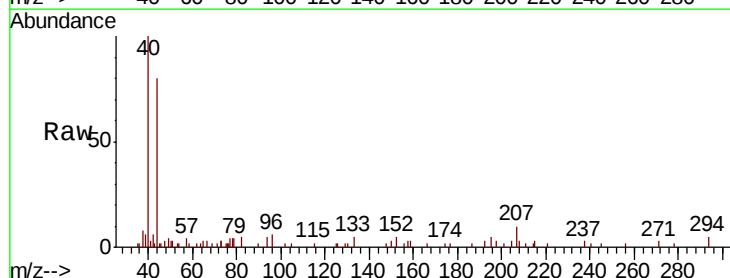
Tgt Ion:152 Resp: 165

Ion Ratio Lower Upper

152 100

115 39.8 24.6 74.0

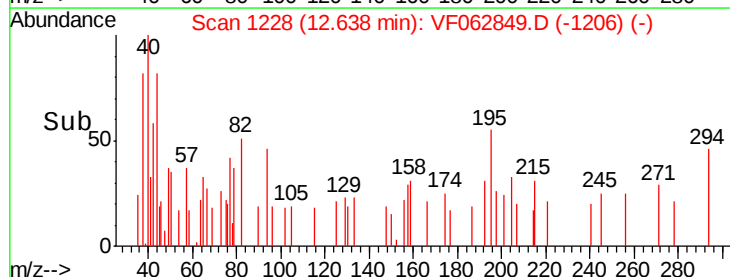
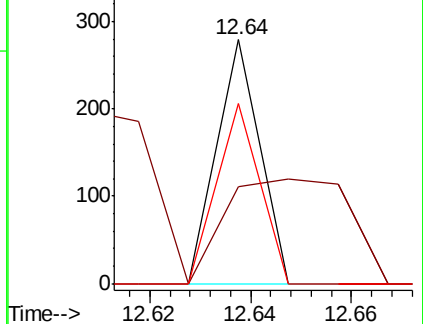
150 73.8 0.0 290.6

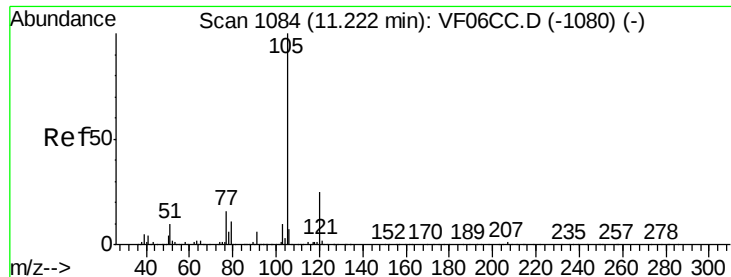


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 25.189 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

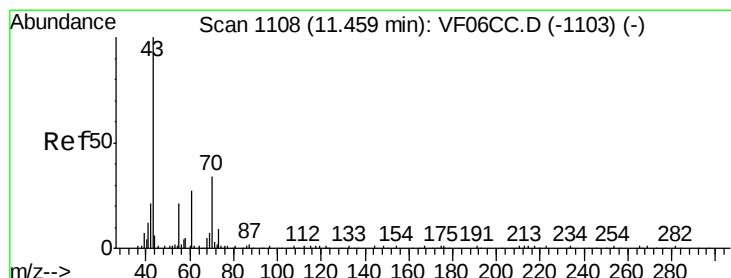
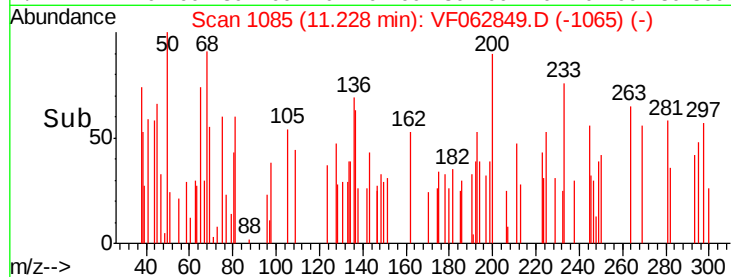
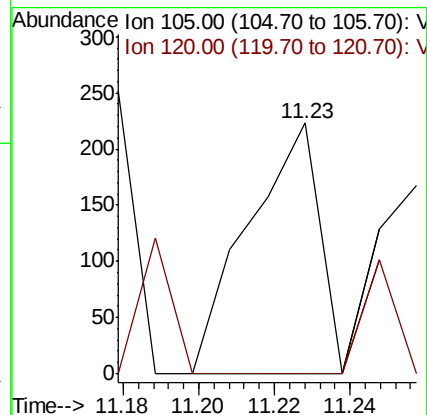
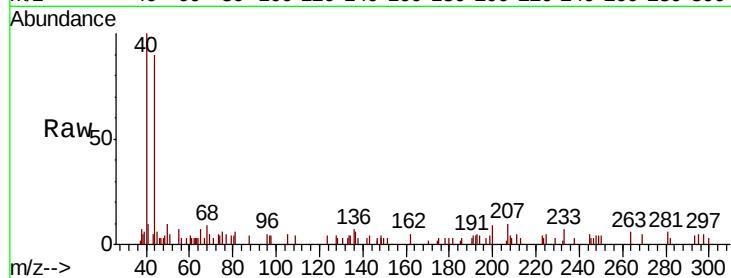
ClientSampleId :

Tot Ion: 105 Resp: 290

Ion Ratio Lower Upper

105 100

120 0.0 15.1 45.3#



#74

N-ethyl acetate

Concen: 376.287 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Tgt Ion: 43 Resp: 1221

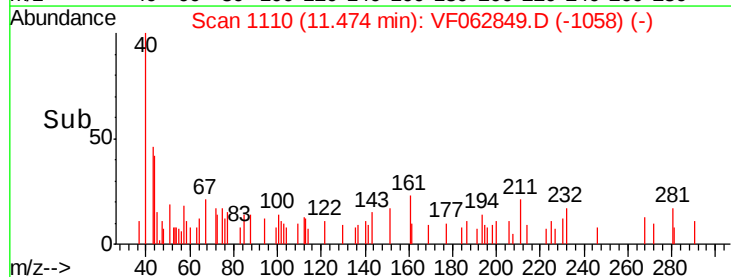
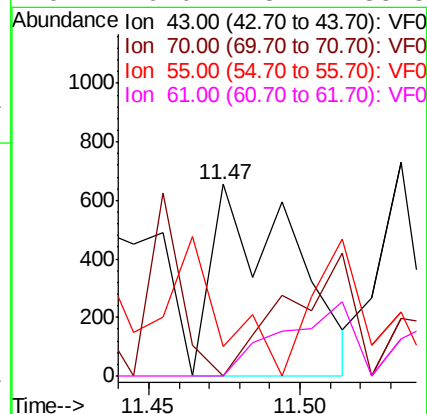
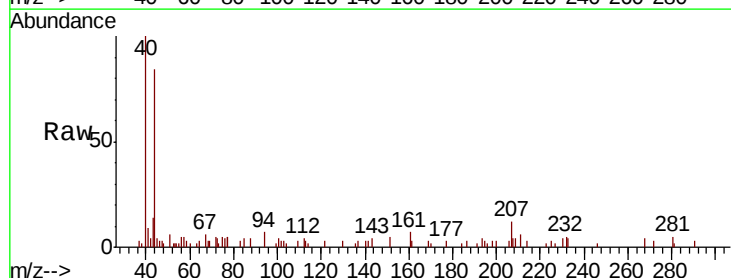
Ion Ratio Lower Upper

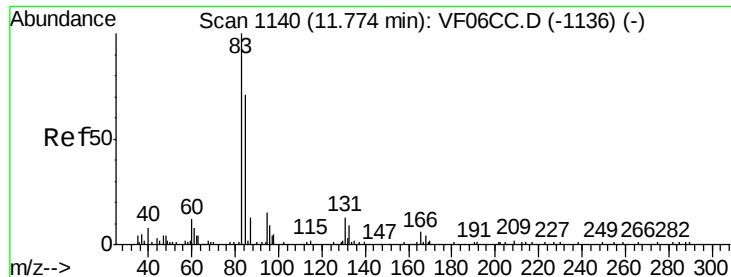
43 100

70 0.0 32.9 49.3#

55 15.3 17.3 25.9#

61 0.0 23.7 35.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 47.587 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

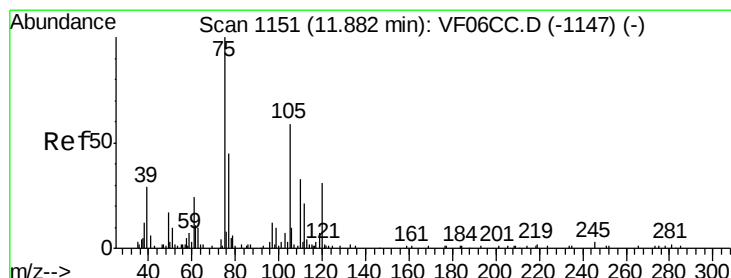
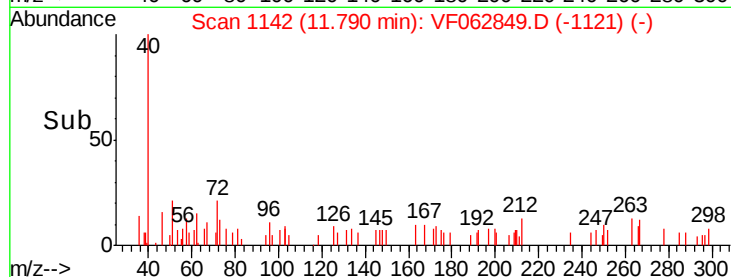
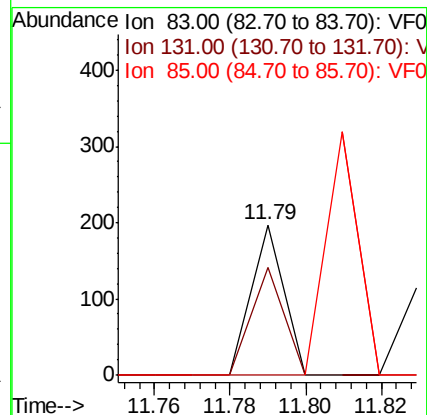
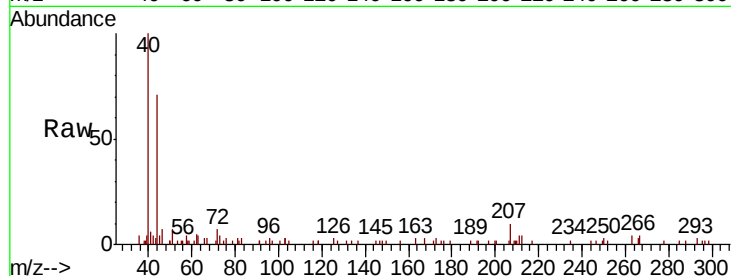
Tot Ion: 83 Resp: 117

Ion Ratio Lower Upper

83 100

131 71.6 4.9 14.7#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 88.359 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.02 min

Lab File: VF062849.D

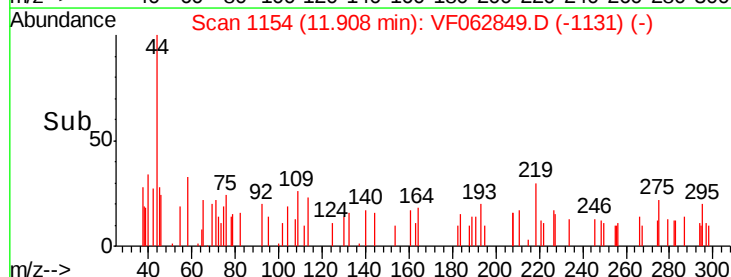
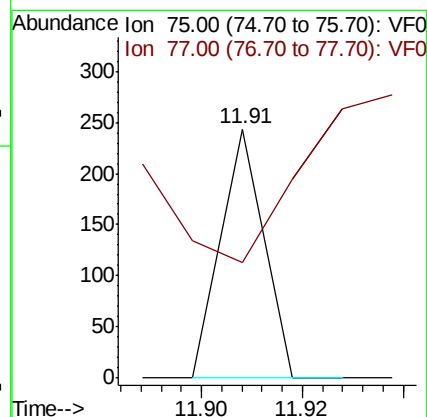
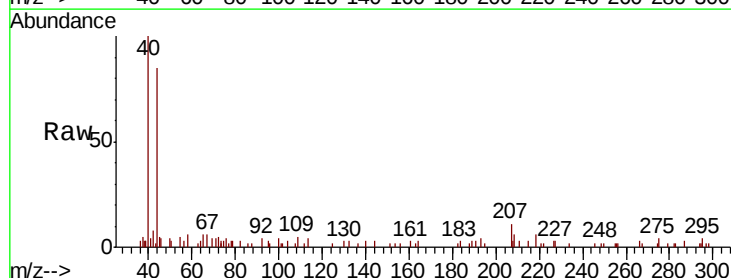
Acq: 4 Jun 2019 20:01

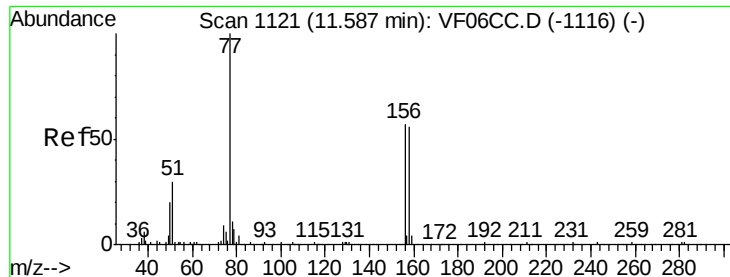
Tgt Ion: 75 Resp: 144

Ion Ratio Lower Upper

75 100

77 46.3 20.1 60.2





#77

Bromobenzene

Concen: 48.051 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.02 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampled :

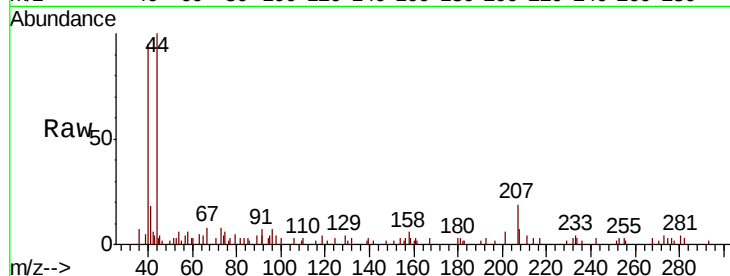
Tot Ion:156 Resp: 139

Ion Ratio Lower Upper

156 100

77 68.5 64.2 192.6

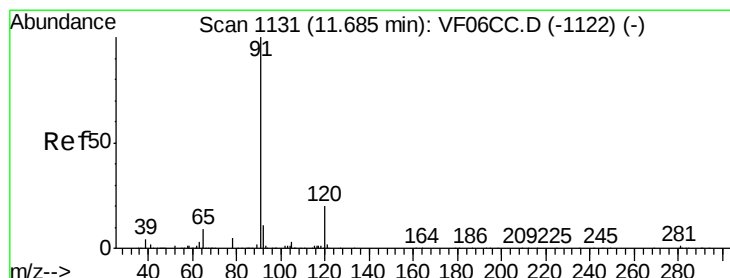
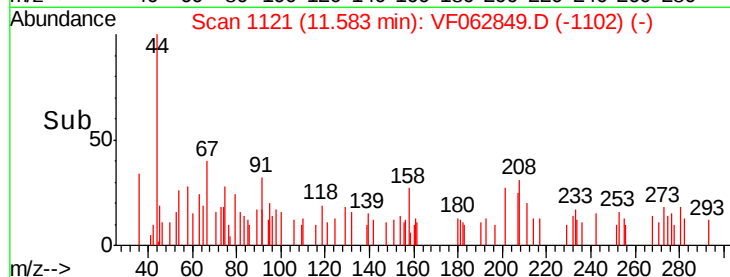
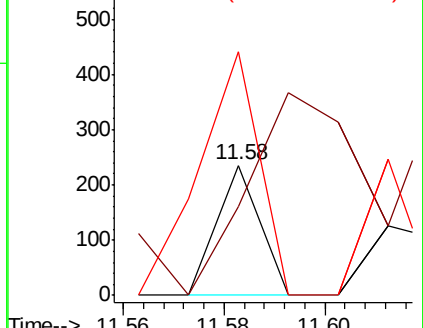
158 187.7 50.3 151.0#



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: 31.364 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.10 min

Lab File: VF062849.D

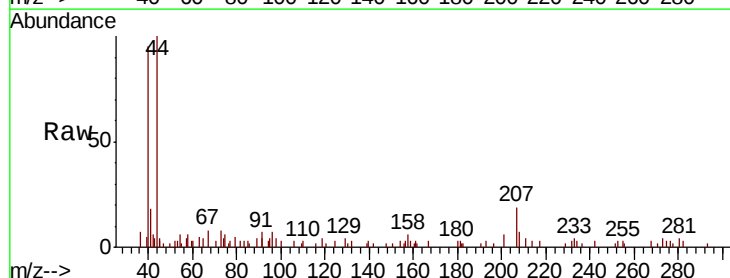
Acq: 4 Jun 2019 20:01

Tgt Ion: 91 Resp: 436

Ion Ratio Lower Upper

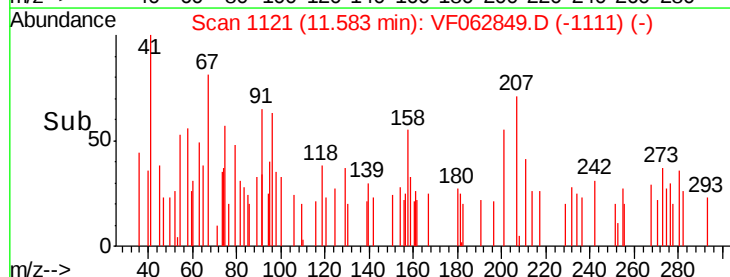
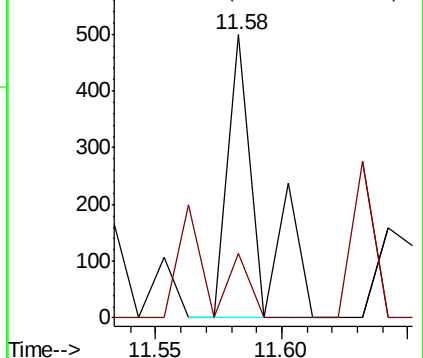
91 100

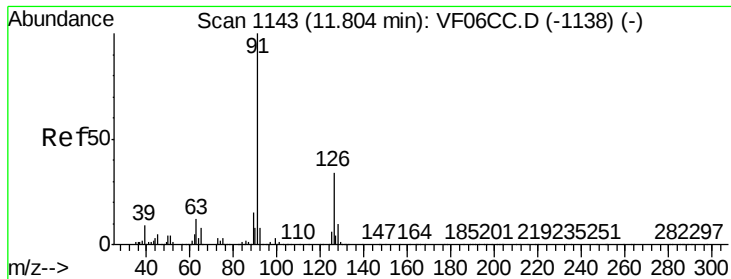
120 22.8 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

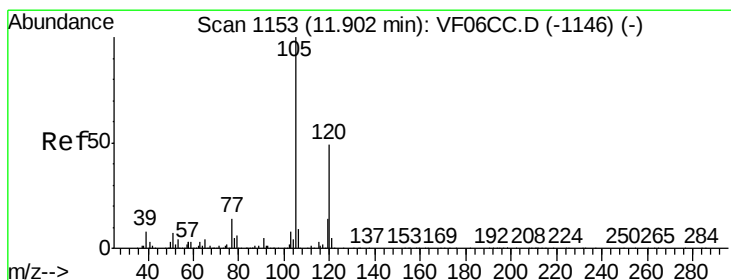
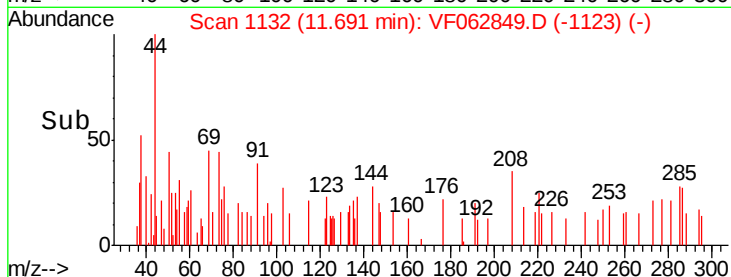
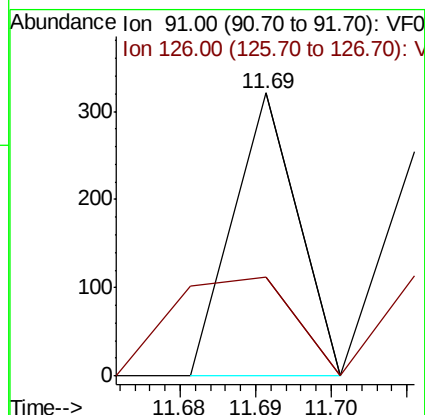
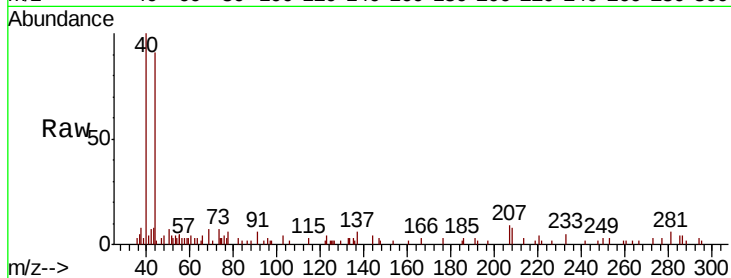




#79
 2-Chlorotoluene
 Concen: 23.887 ug/l
 RT: 11.69 min Scan# 1132
 Delta R.T. -0.11 min
 Lab File: VF062849.D
 Acq: 4 Jun 2019 20:01

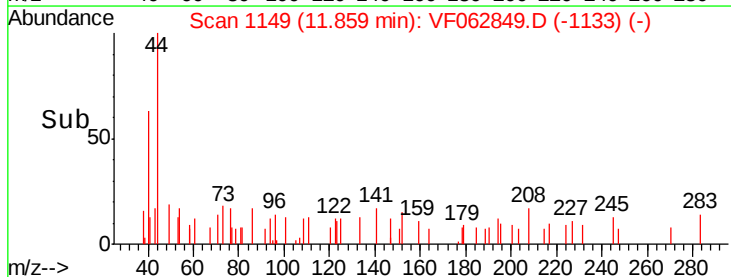
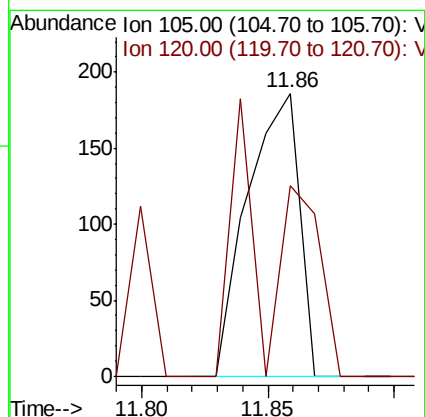
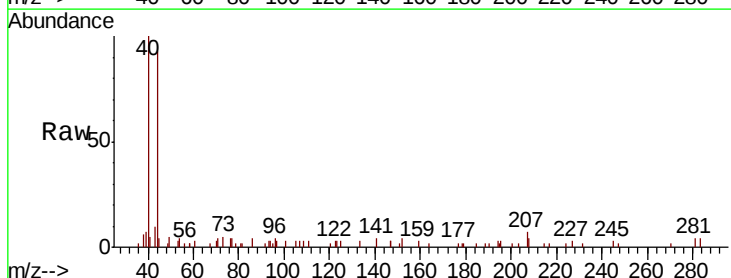
Instrument :
 MSVOA_F
 ClientSampled :

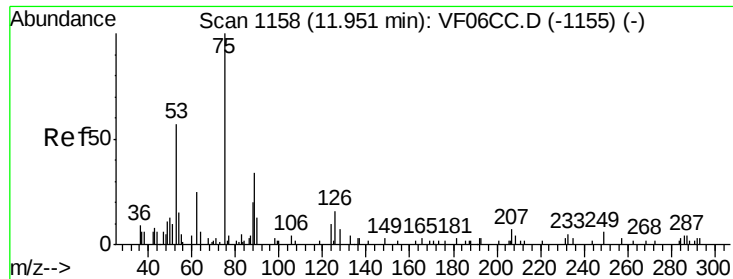
Tot Ion: 91 Resp: 190
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 28.252 ug/l
 RT: 11.86 min Scan# 1149
 Delta R.T. -0.05 min
 Lab File: VF062849.D
 Acq: 4 Jun 2019 20:01

Tgt Ion: 105 Resp: 266
 Ion Ratio Lower Upper
 105 100
 120 67.2 28.7 86.1

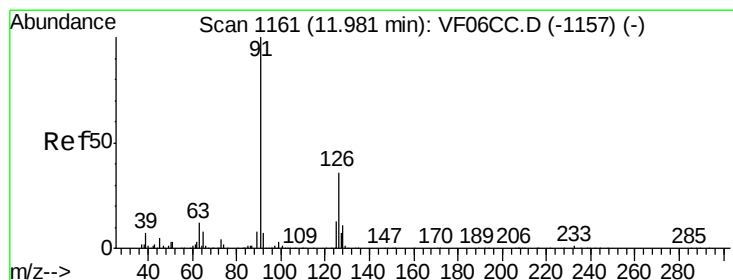
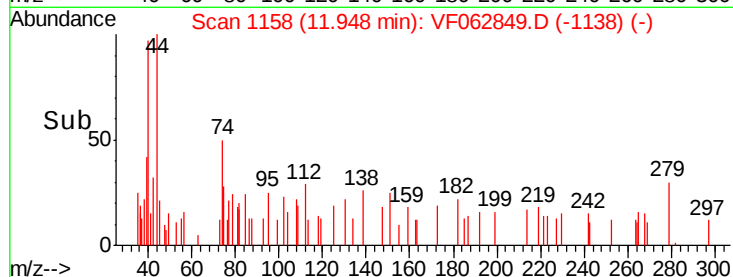
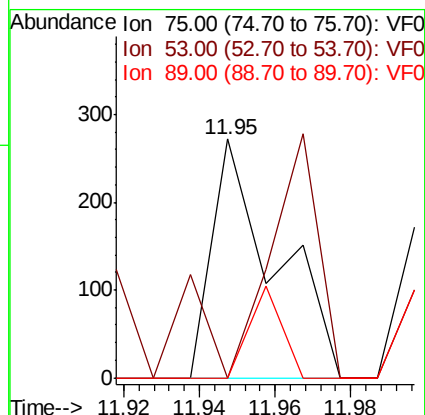
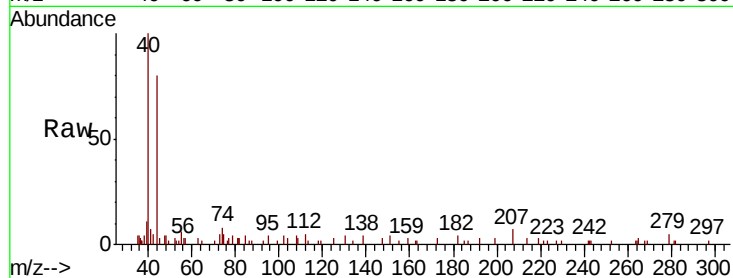




#81
trans-1,4-Dichloro-2-butene
Concen: 453.641 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

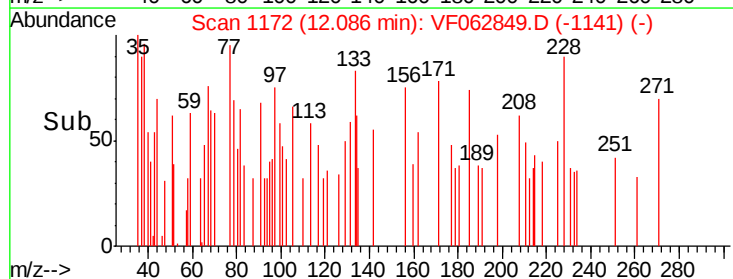
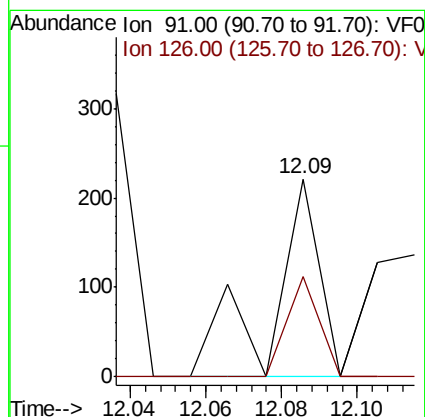
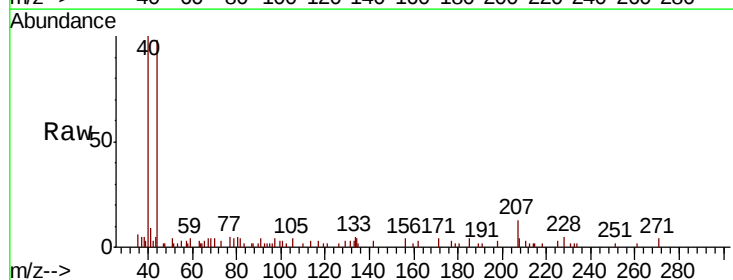
Instrument :
MSVOA_F
ClientSampleId :

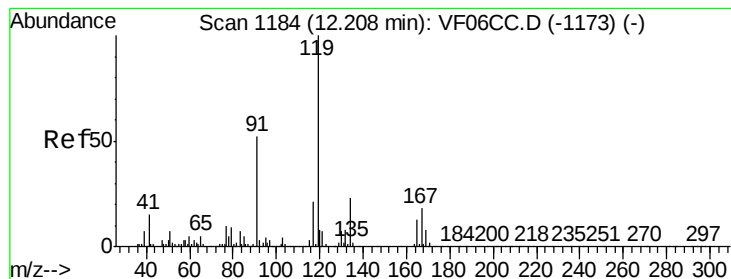
Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	43.5	65.3#
89	0.0	34.3	51.5#



#82
4-Chlorotoluene
Concen: 24.562 ug/l
RT: 12.09 min Scan# 1172
Delta R.T. 0.10 min
Lab File: VF062849.D
Acq: 4 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	50.7	19.1	57.1





#83

tert-Butylbenzene

Concen: 27.655 ug/l

RT: 12.17 min Scan# 1181

Delta R.T. -0.04 min

Lab File: VF062849.D

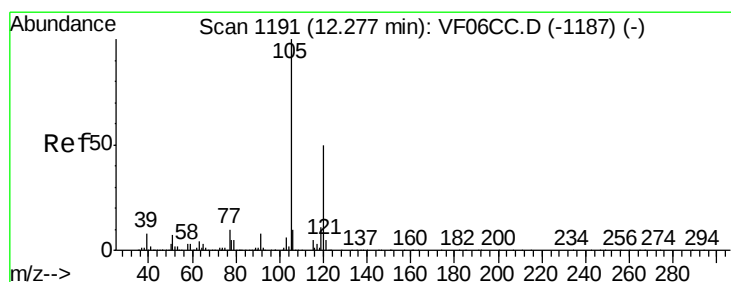
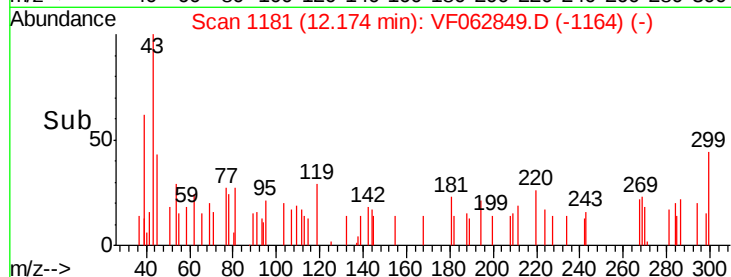
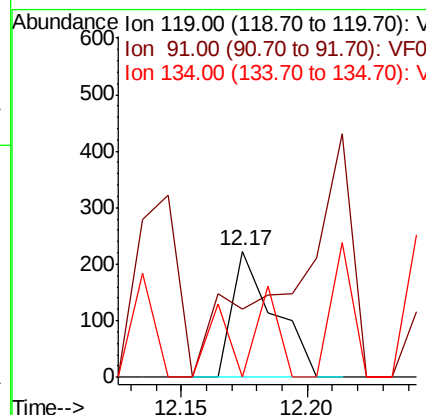
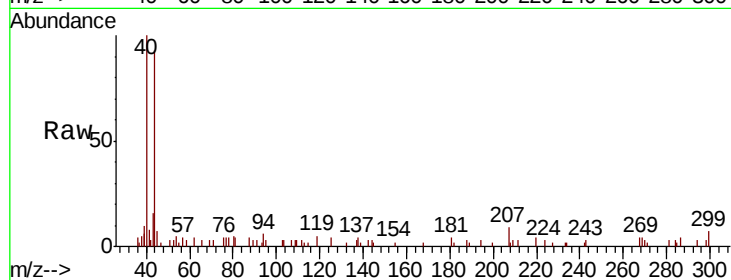
Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	119	Resp:	258
Ion	Ratio	Lower	Upper
119	100		
91	53.8	28.9	86.7
134	0.0	14.3	42.9#



#84

1,2,4-Trimethylbenzene

Concen: 27.333 ug/l

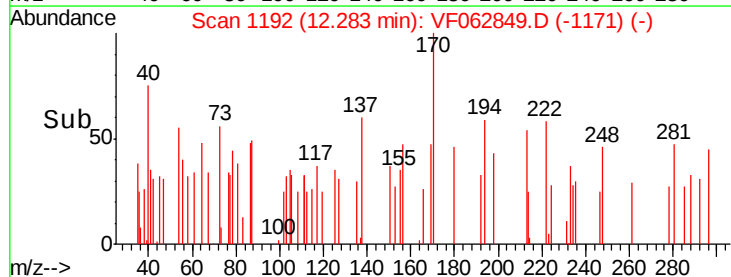
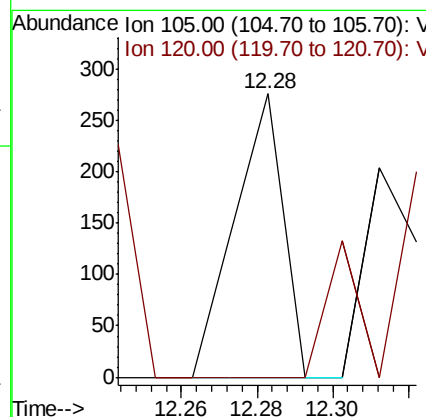
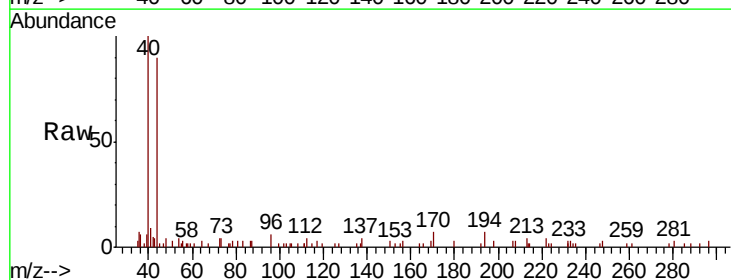
RT: 12.28 min Scan# 1192

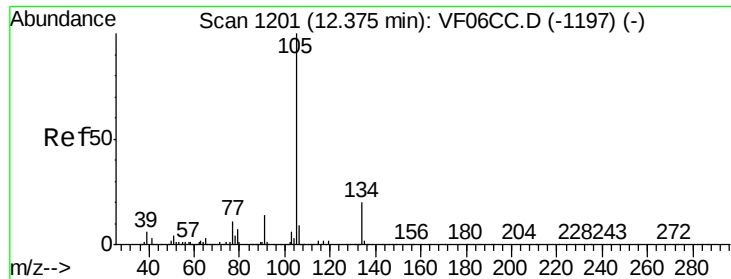
Delta R.T. 0.00 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Tgt Ion:	105	Resp:	244
Ion	Ratio	Lower	Upper
105	100		
120	0.0	27.1	81.3#





#85

sec-Butylbenzene

Concen: 15.537 ug/l

RT: 12.43 min Scan# 1207

Delta R.T. 0.05 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

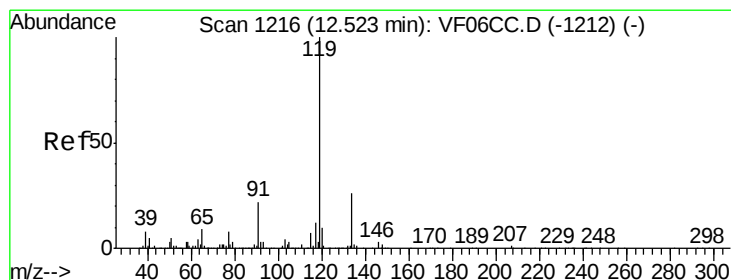
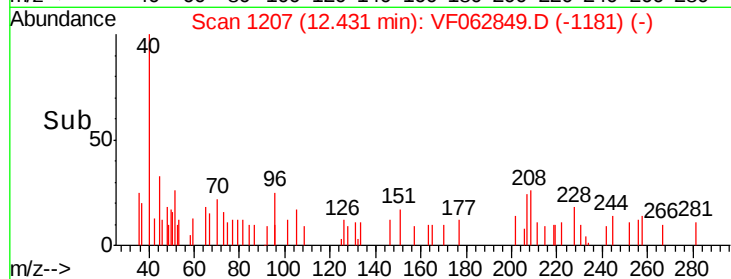
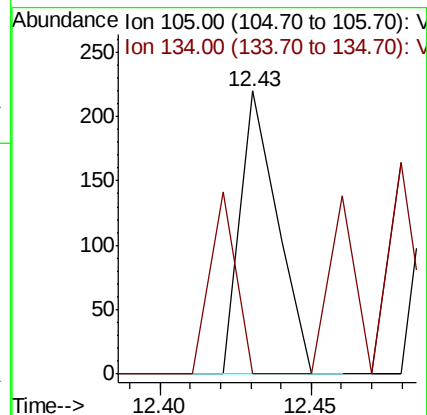
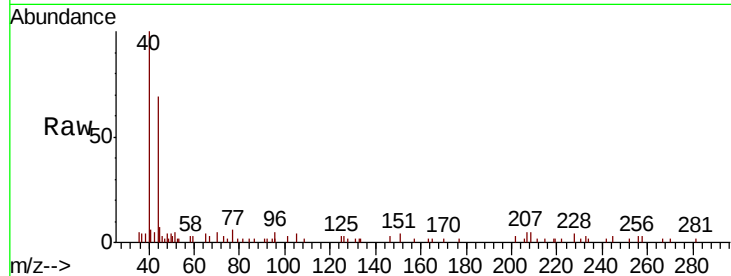
ClientSampled :

Tot Ion:105 Resp: 191

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 8.600 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

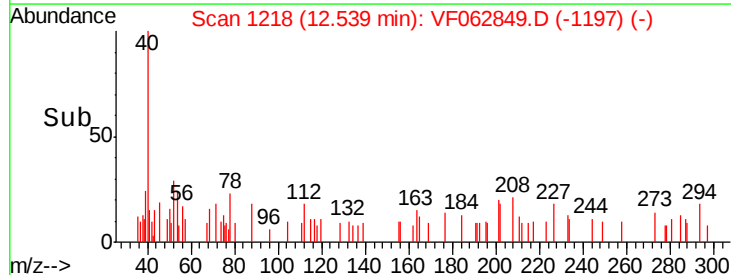
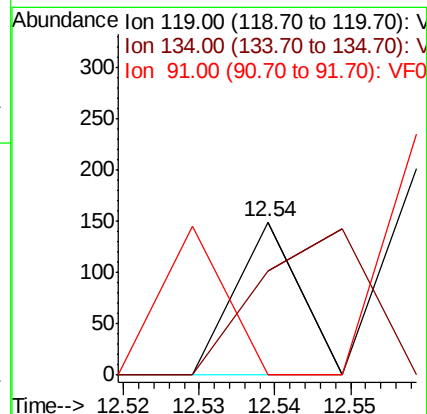
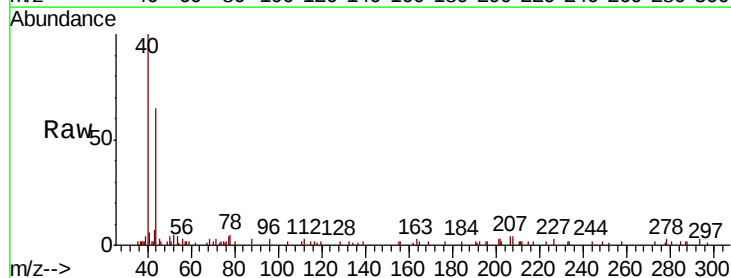
Tgt Ion:119 Resp: 88

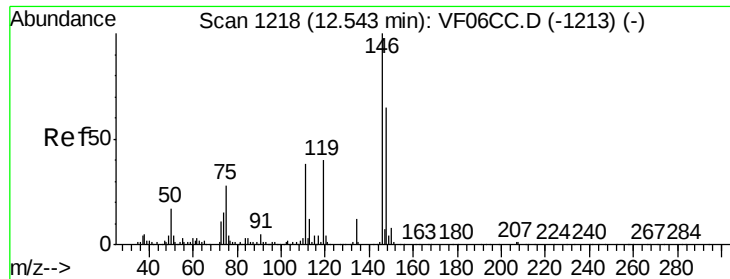
Ion Ratio Lower Upper

119 100

134 67.8 15.5 46.5#

91 0.0 10.3 30.9#

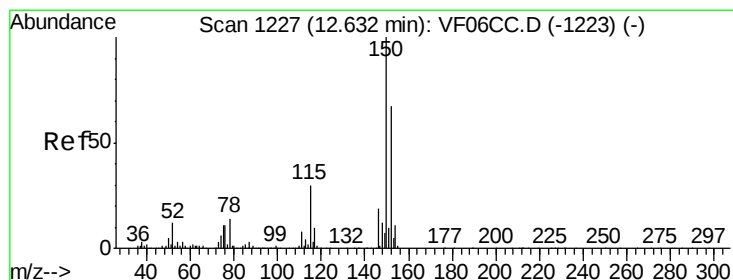
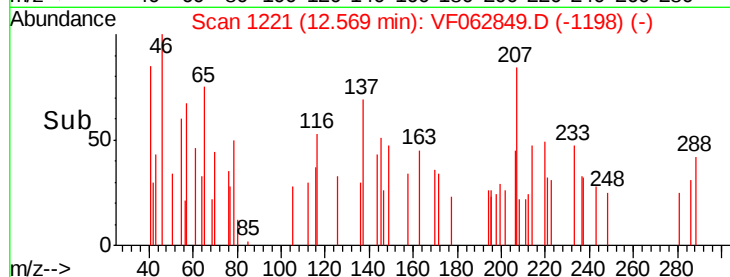
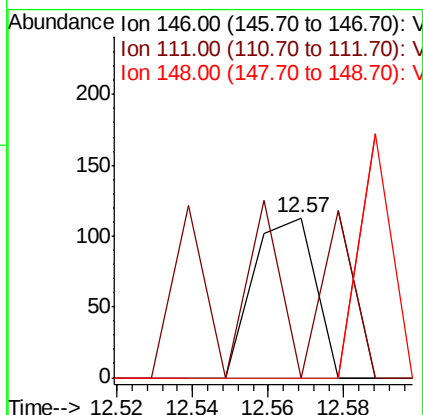
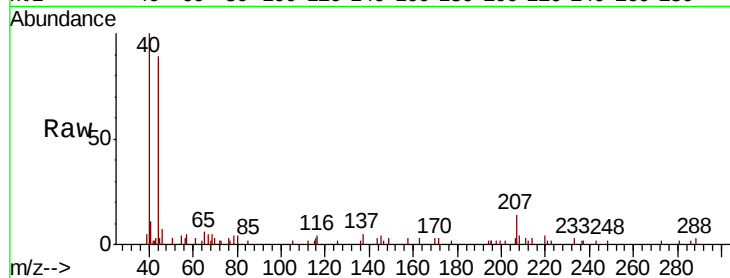




#87
 1,3-Dichlorobenzene
 Concen: 24.894 ug/l
 RT: 12.57 min Scan# 1221
 Delta R.T. 0.02 min
 Lab File: VF062849.D
 Acq: 4 Jun 2019 20:01

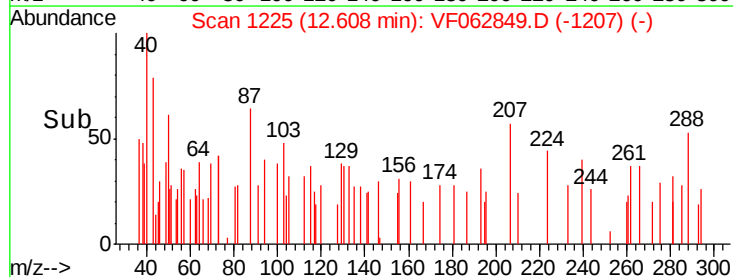
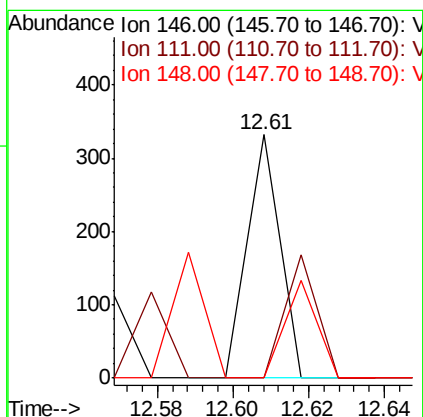
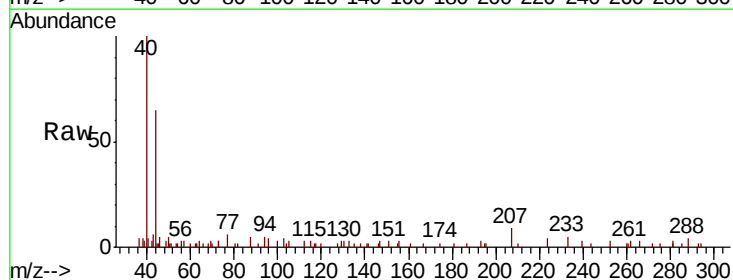
Instrument :
 MSVOA_F
 ClientSampleId :

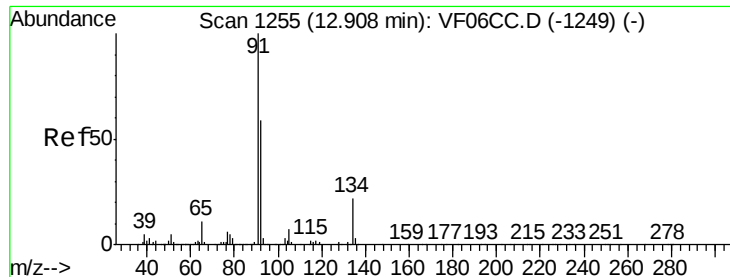
Tot Ion:146 Resp: 127
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.6 58.8#
 148 0.0 34.2 102.5#



#88
 1,4-Dichlorobenzene
 Concen: 41.167 ug/l
 RT: 12.61 min Scan# 1225
 Delta R.T. -0.03 min
 Lab File: VF062849.D
 Acq: 4 Jun 2019 20:01

Tgt Ion:146 Resp: 196
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.3 60.9#
 148 0.0 34.0 101.8#





#89

n-Butylbenzene

Concen: 8.550 ug/l

RT: 12.88 min Scan# 1253

Delta R.T. -0.03 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

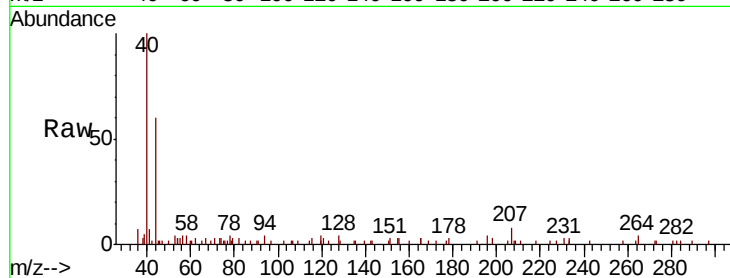
Tot Ion: 91 Resp: 88

Ion Ratio Lower Upper

91 100

92 0.0 34.2 102.6#

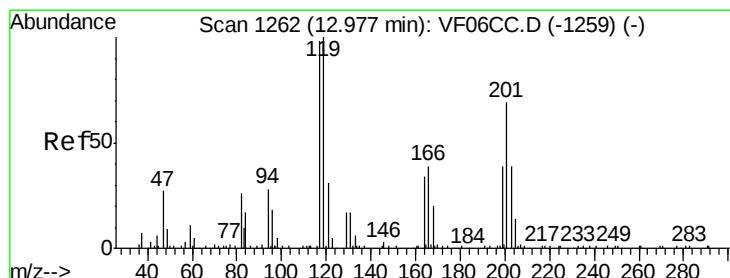
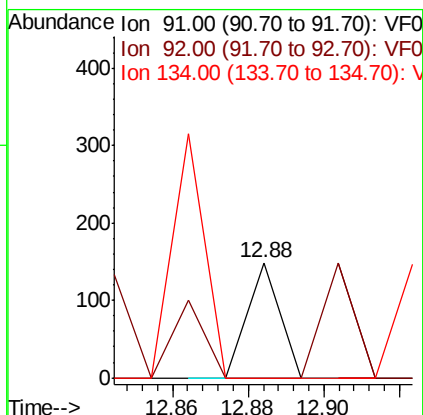
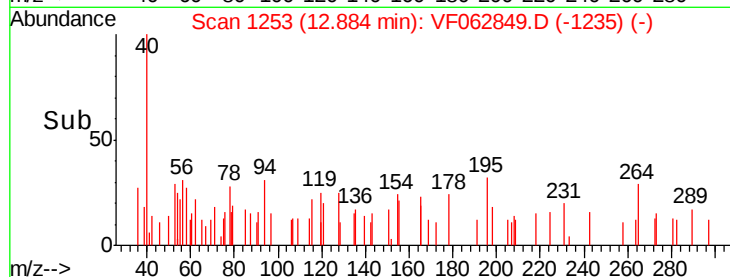
134 0.0 15.8 47.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 92.562 ug/l

RT: 12.94 min Scan# 1259

Delta R.T. -0.05 min

Lab File: VF062849.D

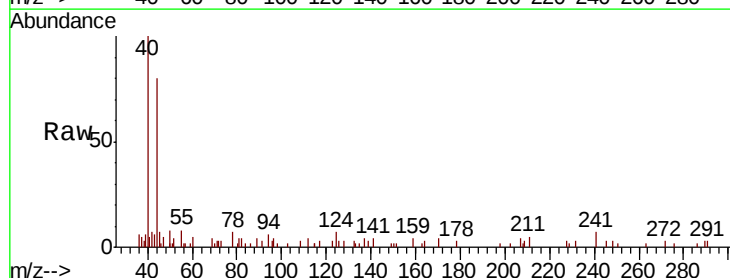
Acq: 4 Jun 2019 20:01

Tgt Ion: 117 Resp: 231

Ion Ratio Lower Upper

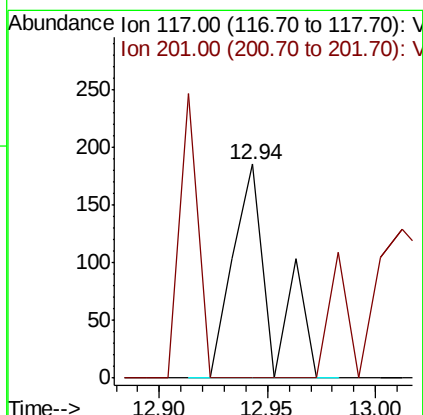
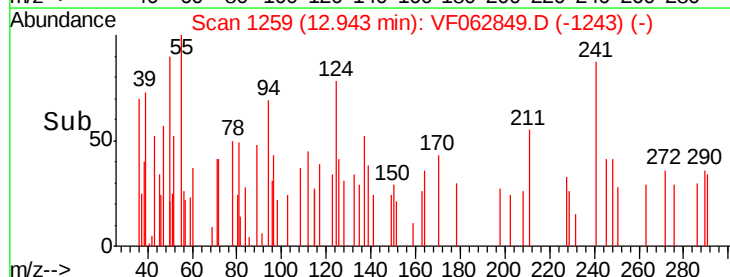
117 100

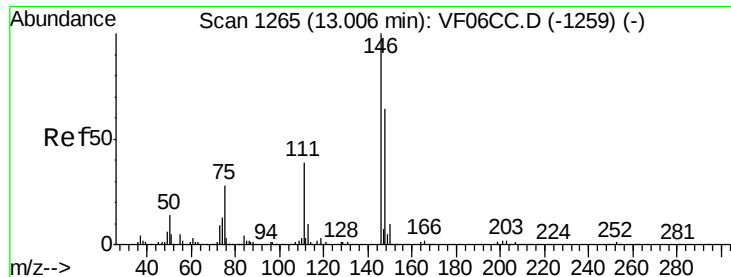
201 0.0 38.9 116.7#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 34.566 ug/l

RT: 13.02 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VF062849.D

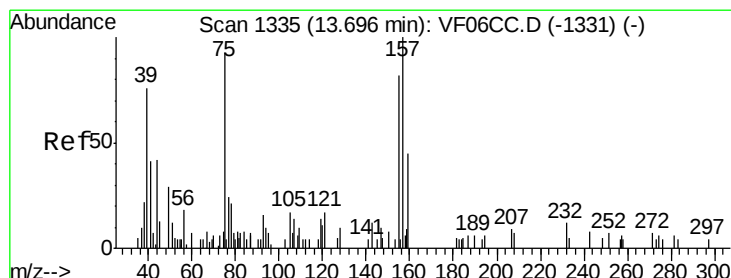
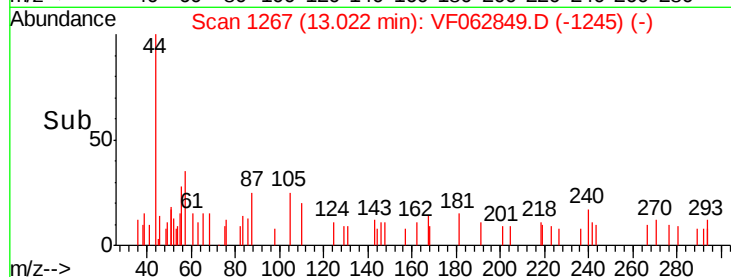
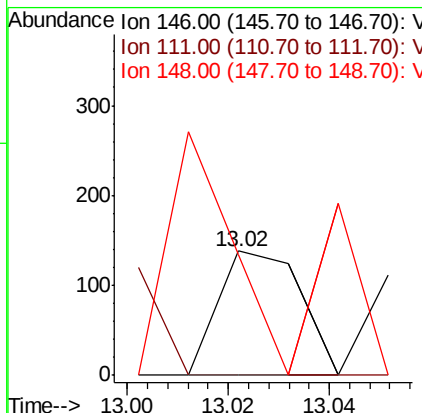
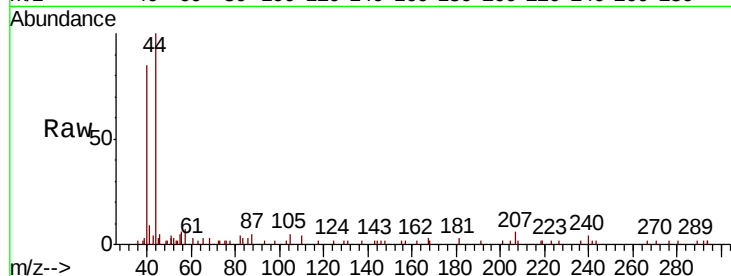
Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	146	Resp:	155
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.4	61.3#
148	97.8	34.1	102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 630.926 ug/l

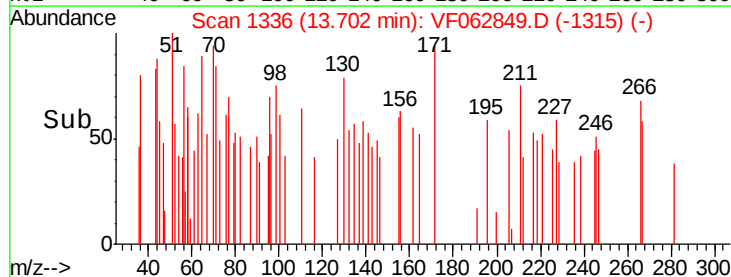
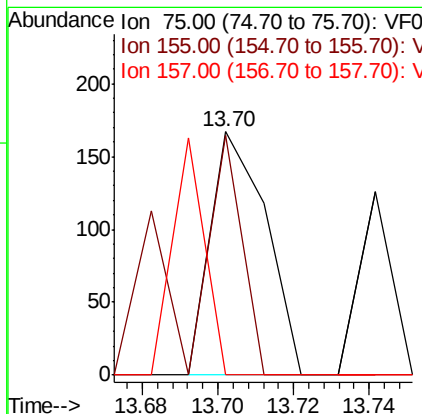
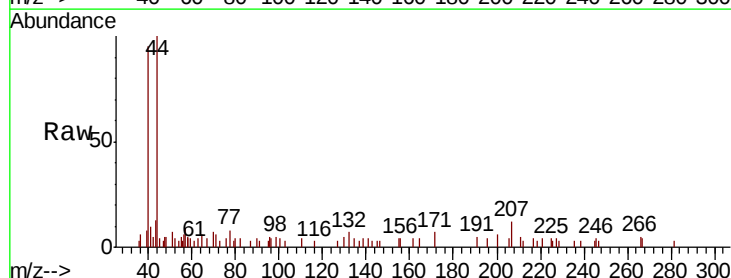
RT: 13.70 min Scan# 1336

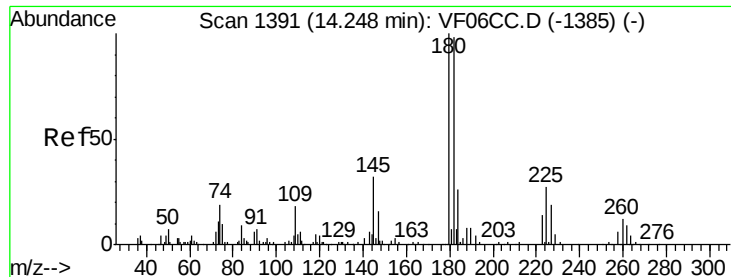
Delta R.T. 0.00 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Tgt Ion:	75	Resp:	169
Ion	Ratio	Lower	Upper
75	100		
155	98.8	51.7	155.1
157	0.0	66.8	200.6#





#93

1,2,4-Trichlorobenzene

Concen: 24.360 ug/l

RT: 14.21 min Scan# 1388

Delta R.T. -0.04 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampled :

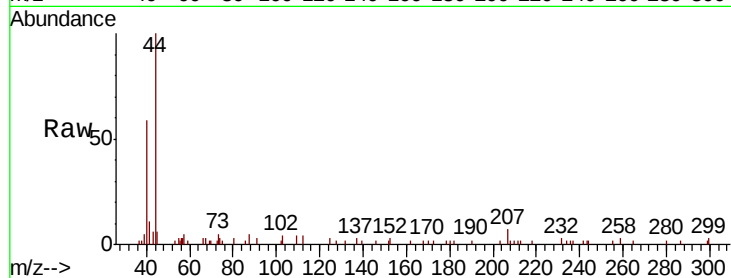
Tot Ion:180 Resp: 75

Ion Ratio Lower Upper

180 100

182 109.4 50.3 150.9

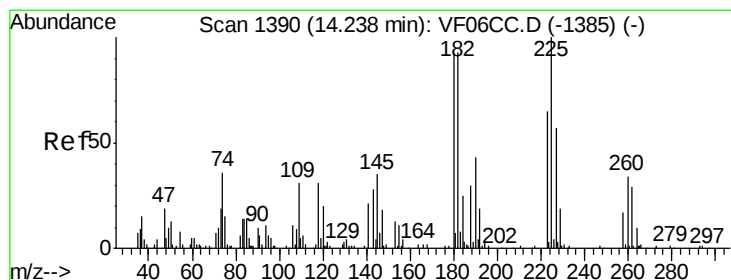
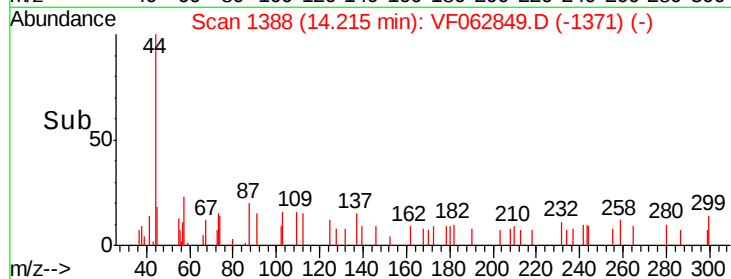
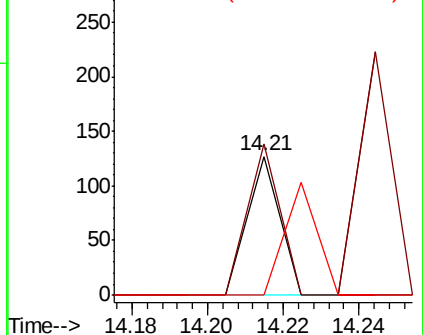
145 0.0 15.4 46.2#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94

Hexachlorobutadiene

Concen: 79.344 ug/l

RT: 14.23 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

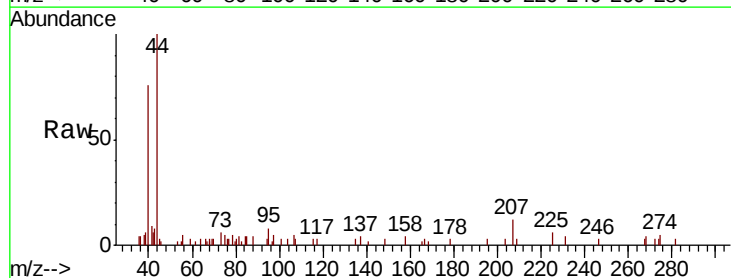
Tgt Ion:225 Resp: 169

Ion Ratio Lower Upper

225 100

223 0.0 30.8 92.4#

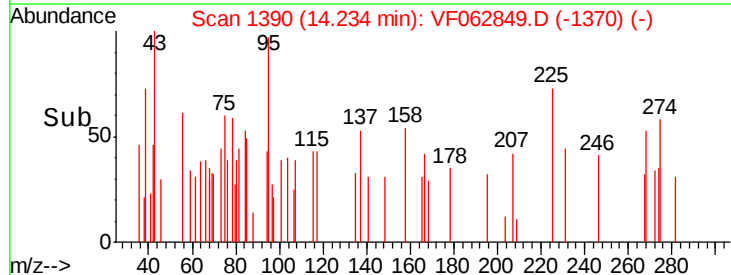
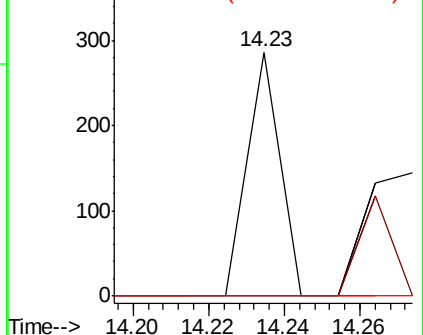
227 0.0 31.9 95.5#

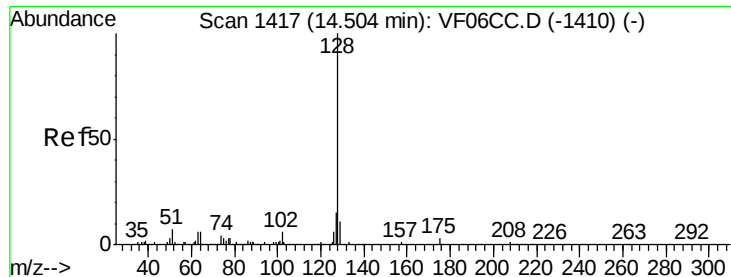


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 26.962 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

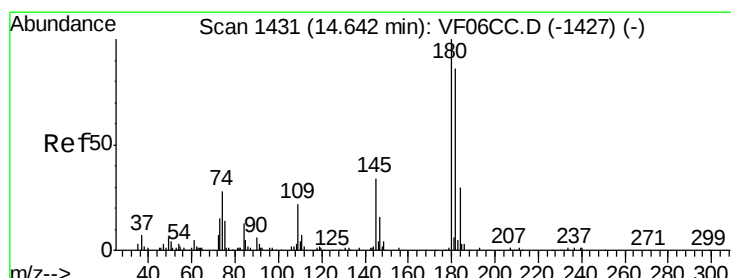
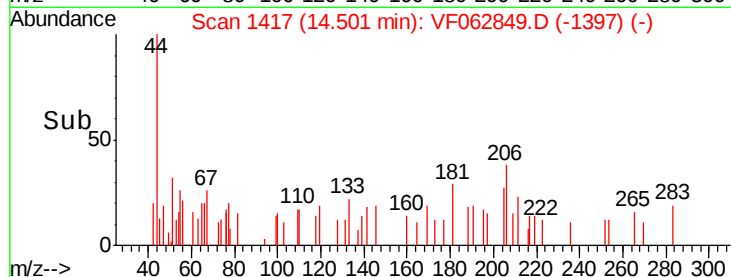
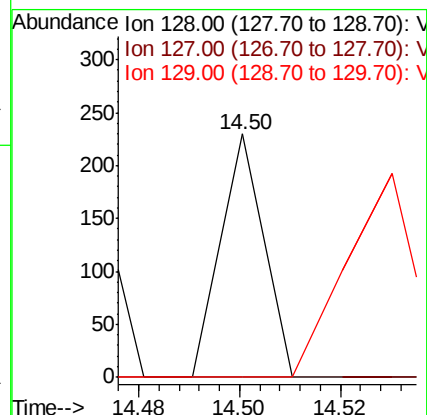
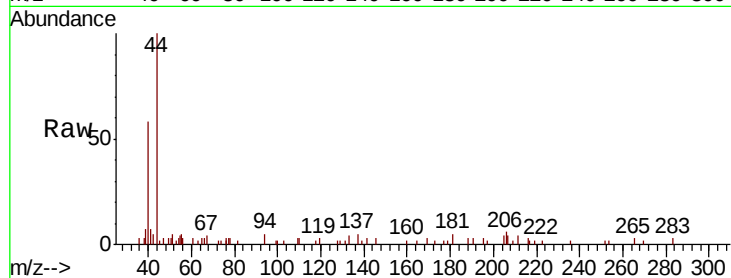
Tot Ion:128 Resp: 136

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 0.0 9.4 14.2#



#96

1,2,3-Trichlorobenzene

Concen: 27.754 ug/l

RT: 14.58 min Scan# 1425

Delta R.T. -0.07 min

Lab File: VF062849.D

Acq: 4 Jun 2019 20:01

Tgt Ion:180 Resp: 78

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 0.0 15.7 47.0#

