

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061019\
 Data File : VF062912.D
 Acq On : 10 Jun 2019 17:57
 Operator : FY/SY
 Sample : K3265-07RE
 Misc : 5.10µ/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 11 01:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	93	50.00	ug/l	0.07
63) Chlorobenzene-d5	10.06	117	158	50.00	ug/l	0.13
72) 1,4-Dichlorobenzene-d4	12.50	152	112	50.00	ug/l	-0.12

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	326	285.72	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	571.44%	
35) Dibromofluoromethane	4.37	113	61	86.80	ug/l	0.04
Spiked Amount	50.000		Recovery	=	173.60%	
50) Toluene-d8	7.80	98	151	84.97	ug/l	0.07
Spiked Amount	50.000		Recovery	=	169.94%	
62) 4-Bromofluorobenzene	11.65	95	201	314.43	ug/l	0.14
Spiked Amount	50.000		Recovery	=	628.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.97	85	150	83.205	ug/l #	39
3) Chloromethane	1.28	50	472	276.465	ug/l	92
4) Vinyl Chloride	1.08	62	249	146.767	ug/l	90
5) Bromomethane	1.45	94	617	637.693	ug/l #	37
6) Chloroethane	1.48	64	231	364.165	ug/l #	36
7) Trichlorofluoromethane	1.55	101	287	119.495	ug/l #	16
8) Diethyl Ether	1.66	74	160	338.600	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	1.95	101	131	86.754	ug/l #	19
10) Methyl Iodide	2.03	142	224	73.984	ug/l #	36
11) Tert butyl alcohol	2.73	59	213	3081.605	ug/l #	70
12) 1,1-Dichloroethene	1.86	96	1089	794.219	ug/l #	1
13) Acrolein	2.22	56	72	2687.253	ug/l	98
14) Allyl chloride	2.24	41	913	858.294	ug/l #	48
15) Acrylonitrile	3.10	53	263	1012.616	ug/l #	49
16) Acetone	2.32	43	600	2297.567	ug/l #	52
17) Carbon Disulfide	1.95	76	583	145.476	ug/l #	1
18) Methyl Acetate	2.42	43	1414	3098.497	ug/l	90
19) Methyl tert-butyl Ether	2.56	73	151	60.785	ug/l #	58
20) Methylene Chloride	2.36	84	215	171.675	ug/l #	87
21) trans-1,2-Dichloroethene	2.46	96	362	263.312	ug/l #	23
22) Diisopropyl ether	2.97	45	231	76.435	ug/l #	9
23) Vinyl Acetate	3.36	43	407	196.713	ug/l #	73
24) 1,1-Dichloroethane	3.02	63	77	34.124	ug/l #	1
25) 2-Butanone	4.54	43	735	1208.584	ug/l #	34
26) 2,2-Dichloropropane	3.84	77	536	418.346	ug/l #	20
27) cis-1,2-Dichloroethene	3.69	96	527	228.045	ug/l	20
28) Bromochloromethane	3.96	49	286	233.011	ug/l #	3
29) Tetrahydrofuran	4.27	42	1296	5571.791	ug/l #	39
30) Chloroform	4.09	83	174	54.713	ug/l #	15
31) Cyclohexane	3.90	56	636	208.186	ug/l #	38
32) 1,1,1-Trichloroethane	4.30	97	255	137.718	ug/l #	22
36) 1,1-Dichloropropene	4.49	75	507	592.185	ug/l #	39
37) Ethyl Acetate	4.39	43	573	1750.817	ug/l #	69
38) Carbon Tetrachloride	4.21	117	72	124.434	ug/l #	1

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 MSVOA_F
 ClientSampleId :

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 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)
39) Methylcyclohexane	5.61	83	568	533.053	ug/l	93
40) Benzene	4.91	78	404	162.138	ug/l #	1
41) Methacrylonitrile	5.03	41	516	2836.107	ug/l #	38
42) 1,2-Dichloroethane	5.22	62	186	392.484	ug/l	69
43) Isopropyl Acetate	7.18	43	1110	2567.457	ug/l #	83
44) Trichloroethene	5.63	130	447	635.650	ug/l	3
45) 1,2-Dichloropropane	6.49	63	305	487.778	ug/l #	1
46) Dibromomethane	6.36	93	182	498.537	ug/l #	36
47) Bromodichloromethane	6.67	83	212	285.143	ug/l #	9
48) Methyl methacrylate	6.95	41	846	3796.957	ug/l #	46
49) 1,4-Dioxane	7.00	88	221	75249.763	ug/l #	16
51) 4-Methyl-2-Pentanone	8.47	43	699	2264.620	ug/l	88
52) Toluene	7.90	92	120	89.415	ug/l #	1
53) t-1,3-Dichloropropene	8.58	75	372	603.810	ug/l #	1
54) cis-1,3-Dichloropropene	7.61	75	509	570.757	ug/l #	76
55) 1,1,2-Trichloroethane	8.73	97	127	316.756	ug/l #	1
56) Ethyl methacrylate	8.89	69	301	699.680	ug/l #	83
57) 1,3-Dichloropropane	9.07	76	799	1220.332	ug/l #	46
58) 2-Chloroethyl Vinyl ether	7.58	63	238	1582.985	ug/l	97
59) 2-Hexanone	9.75	43	417	1895.423	ug/l	79
60) Dibromochloromethane	8.93	129	258	519.756	ug/l	91
61) 1,2-Dibromoethane	9.39	107	80	192.123	ug/l	90
64) Tetrachloroethene	8.32	164	101	83.187	ug/l #	1
65) Chlorobenzene	9.94	112	62	20.320	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.09	131	135	111.095	ug/l #	1
67) Ethyl Benzene	10.07	91	577	110.198	ug/l #	42
68) m/p-Xylenes	10.28	106	73	36.434	ug/l #	1
69) o-Xylene	10.83	106	75	36.971	ug/l	99
70) Styrene	10.90	104	236	78.928	ug/l #	60
71) Bromoform	10.92	173	60	102.926	ug/l #	28
73) Isopropylbenzene	11.22	105	138	17.659	ug/l #	1
74) N-amyl acetate	11.48	43	1838	834.477	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.78	83	99	59.321	ug/l #	25
76) 1,2,3-Trichloropropane	11.91	75	202	182.601	ug/l #	25
77) Bromobenzene	11.75	156	205	104.402	ug/l	67
78) n-propylbenzene	11.59	91	481	50.975	ug/l	98
79) 2-Chlorotoluene	11.80	91	245	45.377	ug/l #	17
80) 1,3,5-Trimethylbenzene	11.90	105	62	9.701	ug/l #	22
81) trans-1,4-Dichloro-2-buten	11.97	75	464	990.721	ug/l #	1
82) 4-Chlorotoluene	11.99	91	245	46.174	ug/l #	37
83) tert-Butylbenzene	12.18	119	82	12.949	ug/l #	30
84) 1,2,4-Trimethylbenzene	12.29	105	153	25.250	ug/l #	24
85) sec-Butylbenzene	12.42	105	448	53.688	ug/l #	55
86) p-Isopropyltoluene	12.53	119	327	47.080	ug/l #	22
87) 1,3-Dichlorobenzene	12.50	146	62	17.904	ug/l #	23
88) 1,4-Dichlorobenzene	12.61	146	369	114.178	ug/l #	56
89) n-Butylbenzene	12.91	91	276	39.504	ug/l #	1
90) Hexachloroethane	12.92	117	98	57.851	ug/l	98
91) 1,2-Dichlorobenzene	12.97	146	309	101.519	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.67	75	219	1204.486	ug/l #	1

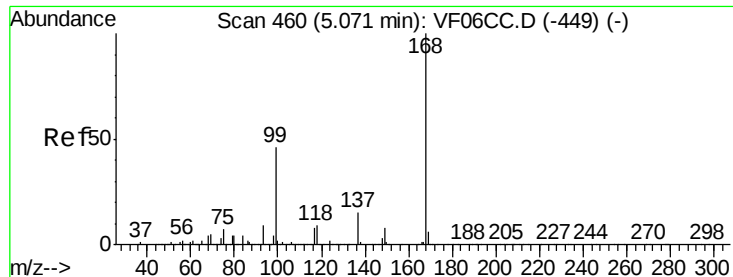
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061019\
Data File : VF062912.D
Acq On : 10 Jun 2019 17:57
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ClientSampleId :

Quant Time: Jun 11 01:20:18 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	14.23	180	138	66.032	ug/l #	66
94) Hexachlorobutadiene	14.32	225	120	83.000	ug/l #	19
95) Naphthalene	14.48	128	109	31.836	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.64	180	85	44.556	ug/l #	11

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

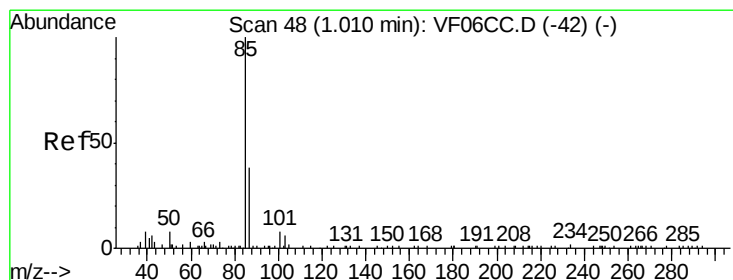
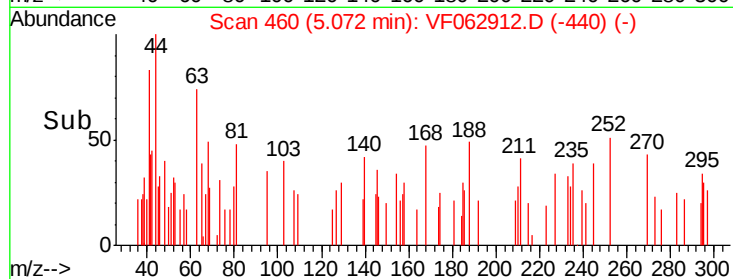
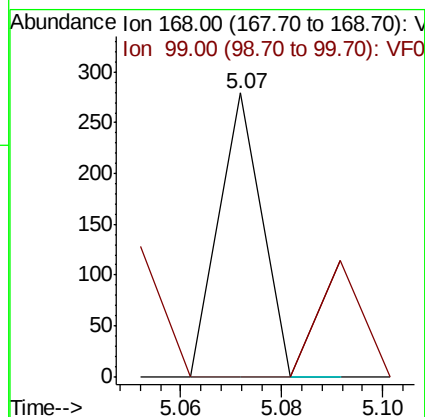
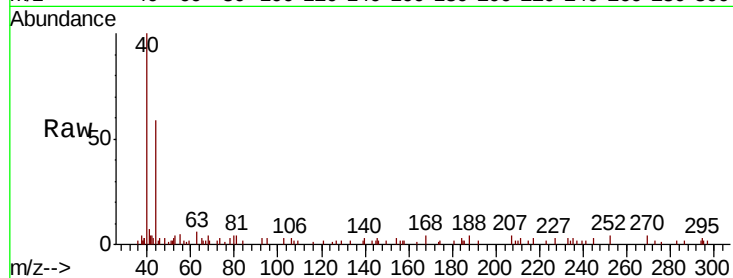


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. -0.00 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Instrument :
MSVOA_F
ClientSampleId :

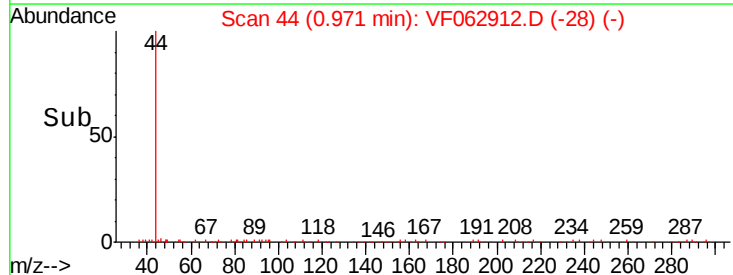
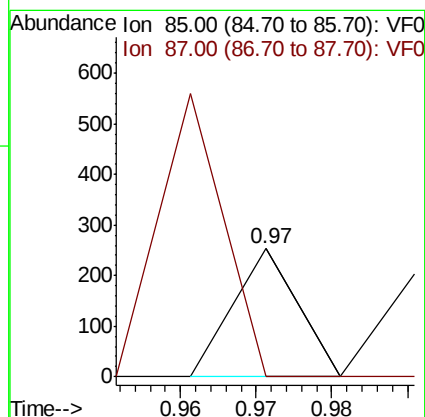
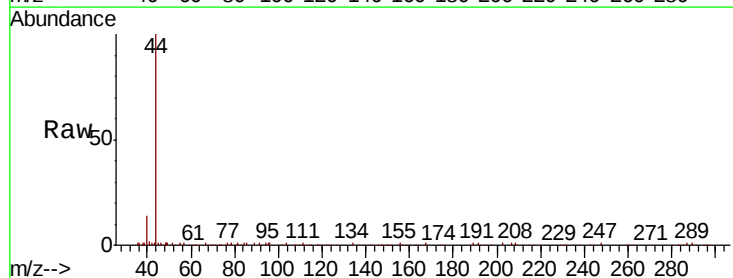
Tot Ion:168 Resp: 165
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#

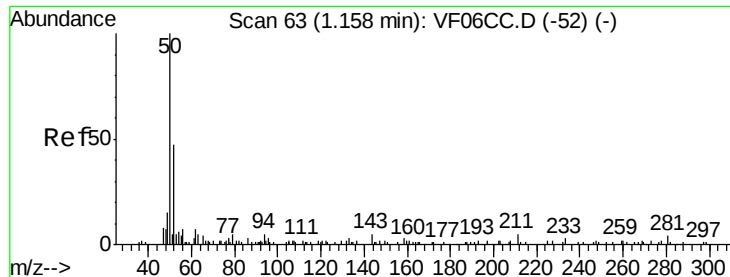


#2

Dichlorodifluoromethane
Concen: 83.205 ug/l
RT: 0.97 min Scan# 44
Delta R.T. -0.04 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 85 Resp: 150
Ion Ratio Lower Upper
85 100
87 0.0 17.6 52.9#





#3

Chloromethane

Concen: 276.465 ug/l

RT: 1.28 min Scan# 75

Delta R.T. 0.13 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

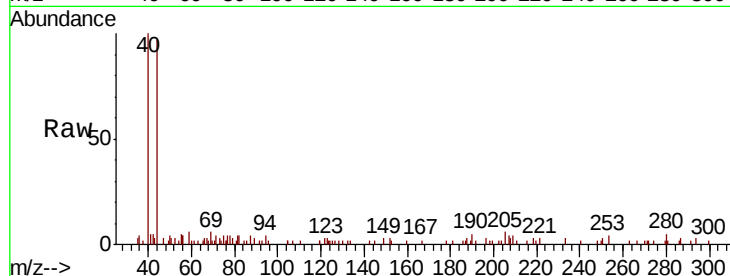
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 472

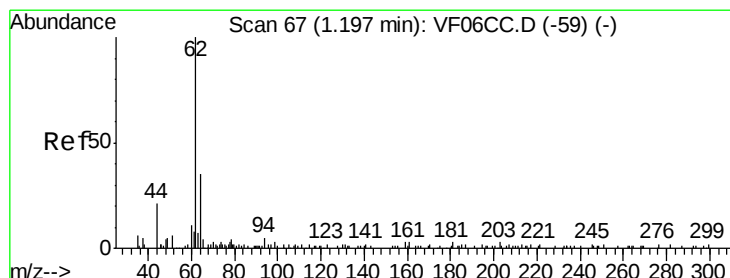
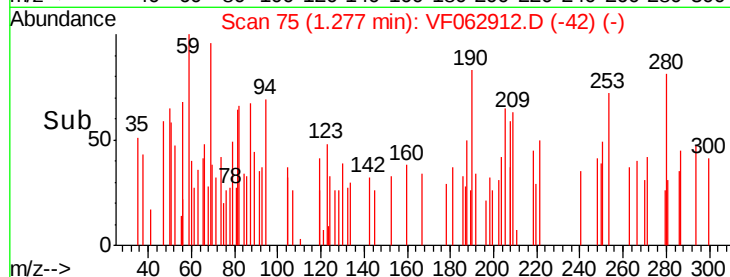
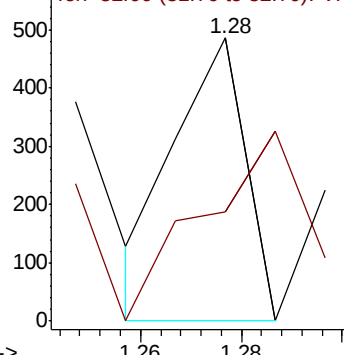
Ion Ratio Lower Upper

50 100

52 38.5 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: 146.767 ug/l

RT: 1.08 min Scan# 55

Delta R.T. -0.12 min

Lab File: VF062912.D

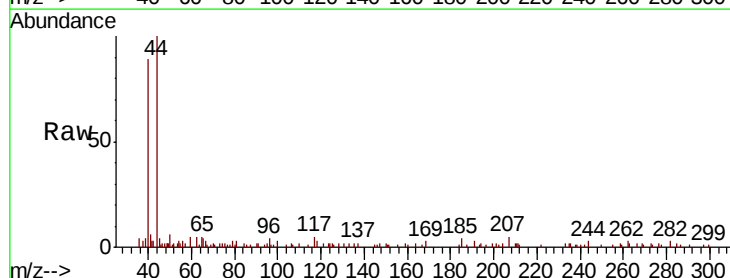
Acq: 10 Jun 2019 17:57

Tgt Ion: 62 Resp: 249

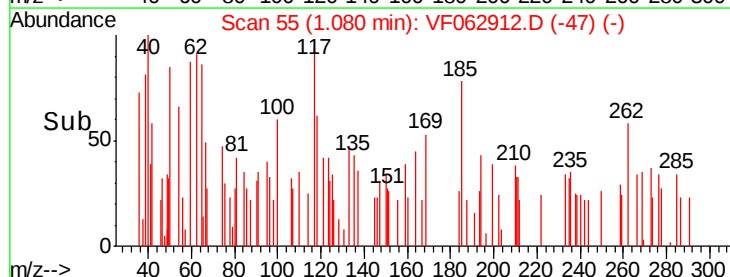
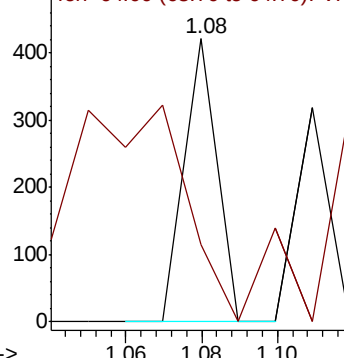
Ion Ratio Lower Upper

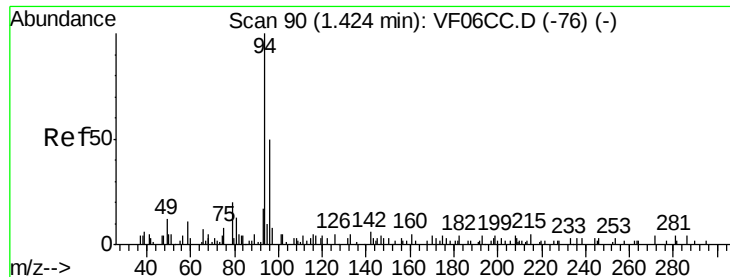
62 100

64 27.3 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: 637.693 ug/l

RT: 1.45 min Scan# 93

Delta R.T. 0.05 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

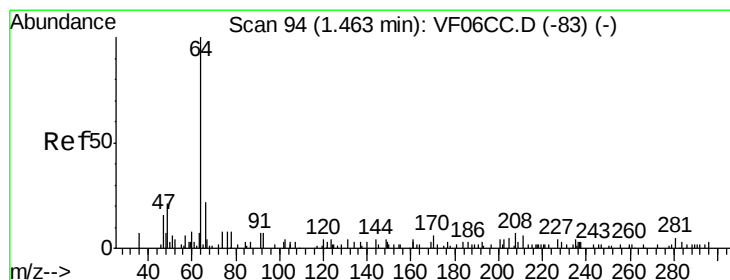
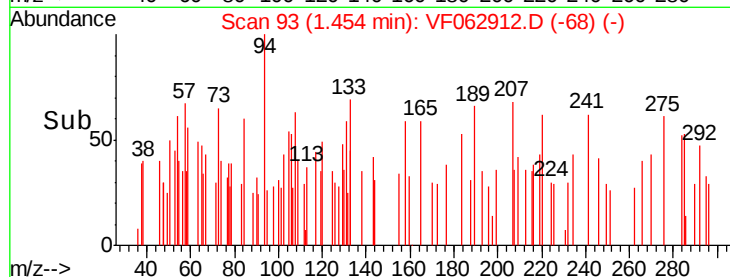
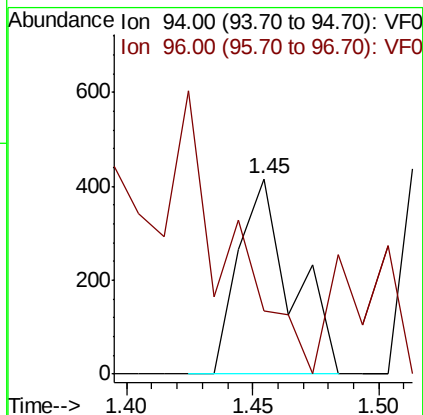
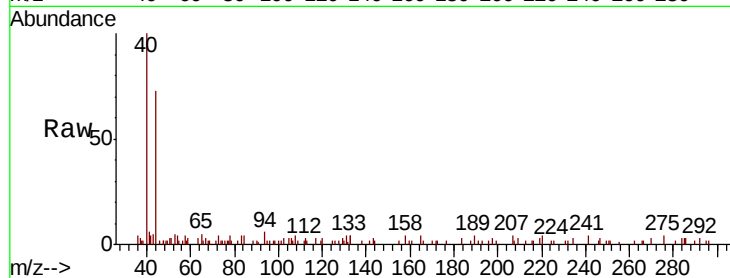
ClientSampleId :

Tot Ion: 94 Resp: 617

Ion Ratio Lower Upper

94 100

96 32.1 73.8 110.6#



#6

Chloroethane

Concen: 364.165 ug/l

RT: 1.48 min Scan# 96

Delta R.T. 0.02 min

Lab File: VF062912.D

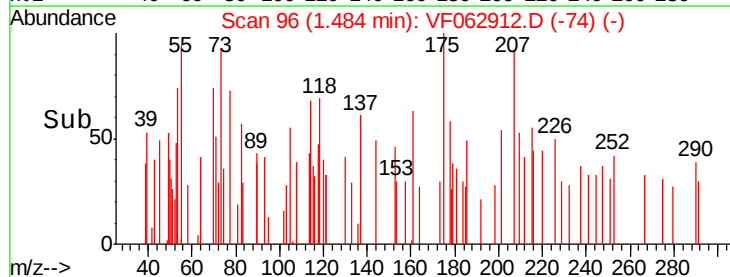
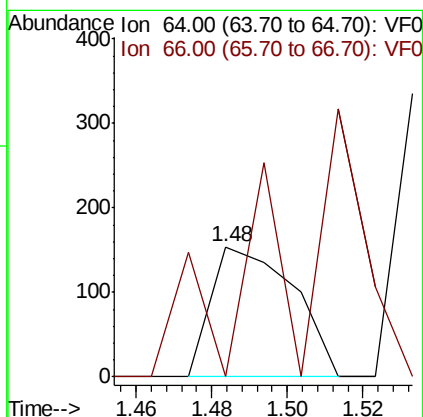
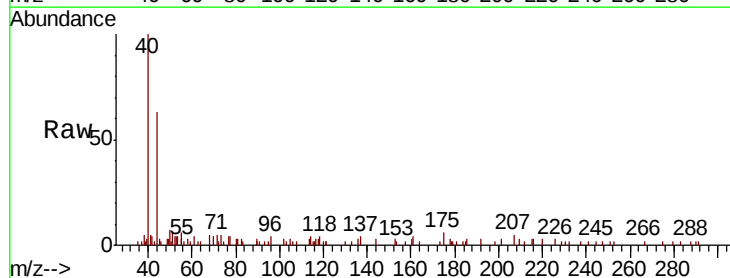
Acq: 10 Jun 2019 17:57

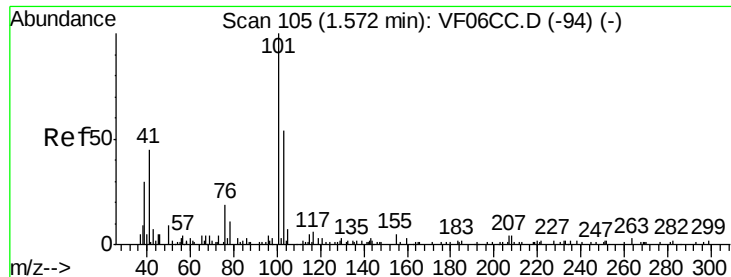
Tgt Ion: 64 Resp: 231

Ion Ratio Lower Upper

64 100

66 0.0 31.0 46.4#



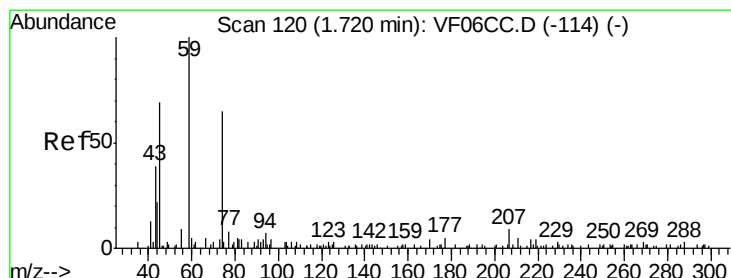
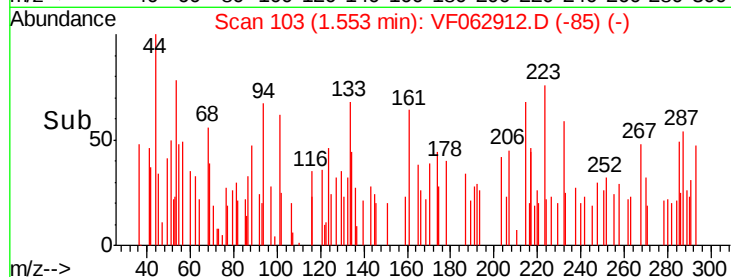
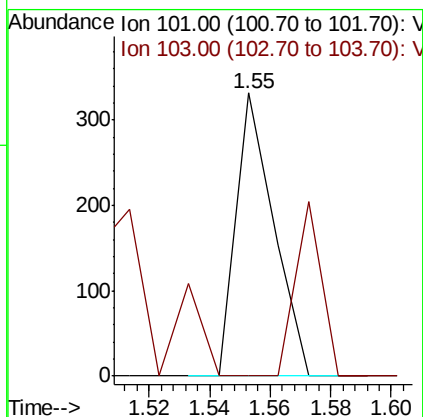
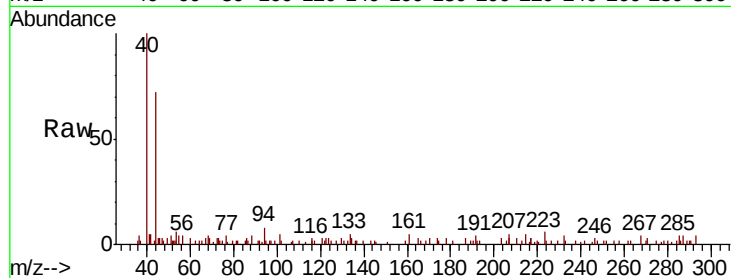


#7

Trichlorofluoromethane
Concen: 119.495 ug/l
RT: 1.55 min Scan# 103
Delta R.T. -0.02 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Instrument :
MSVOA_F
ClientSampled :

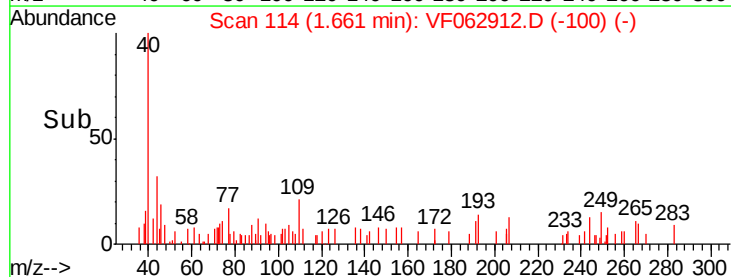
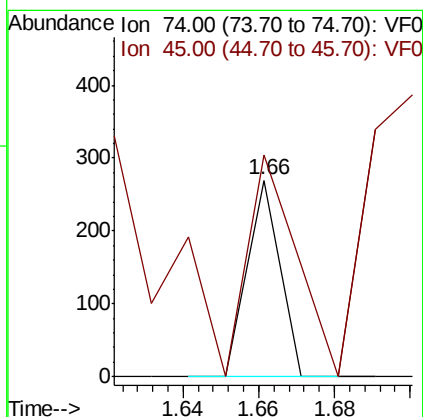
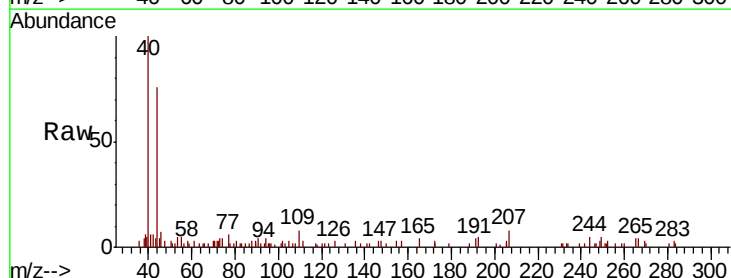
Tot Ion:101 Resp: 287
Ion Ratio Lower Upper
101 100
103 0.0 54.6 82.0#

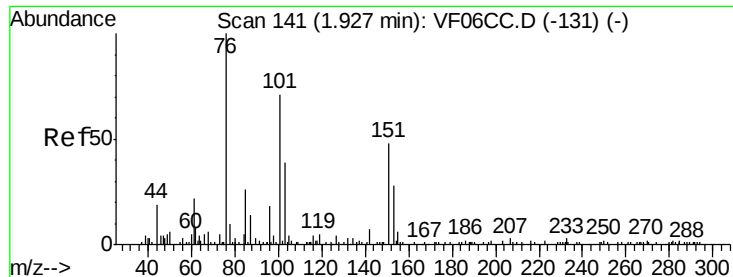


#8

Diethyl Ether
Concen: 338.600 ug/l
RT: 1.66 min Scan# 114
Delta R.T. -0.06 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 74 Resp: 160
Ion Ratio Lower Upper
74 100
45 112.6 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 86.754 ug/l

RT: 1.95 min Scan# 143

Delta R.T. 0.01 min

Lab File: VF062912.D

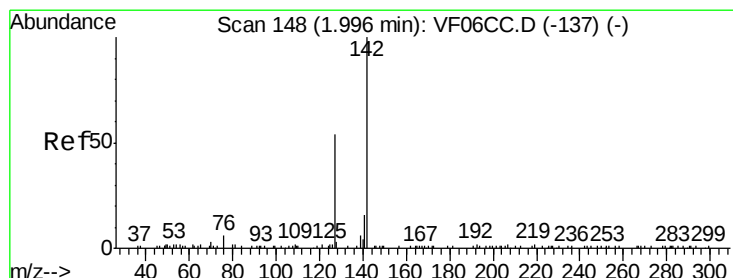
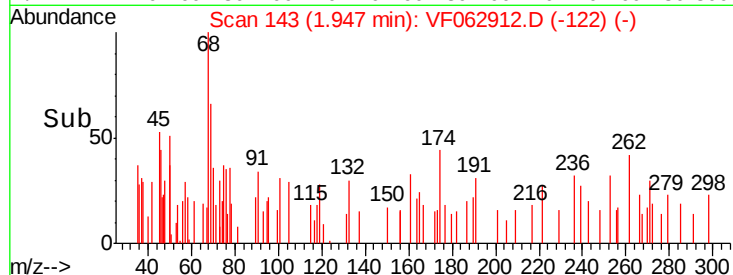
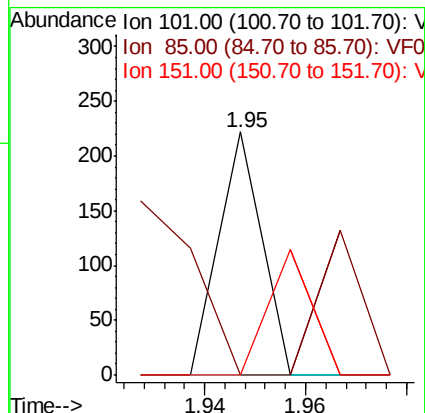
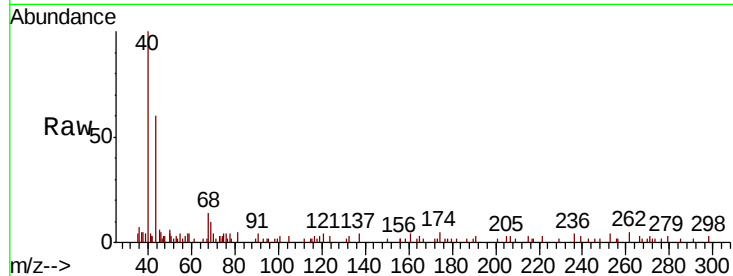
Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	101	Resp:	131
Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.1	55.7#
151	0.0	60.3	90.5#



#10

Methyl Iodide

Concen: 73.984 ug/l

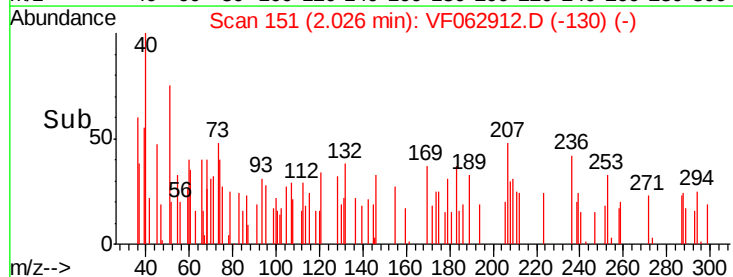
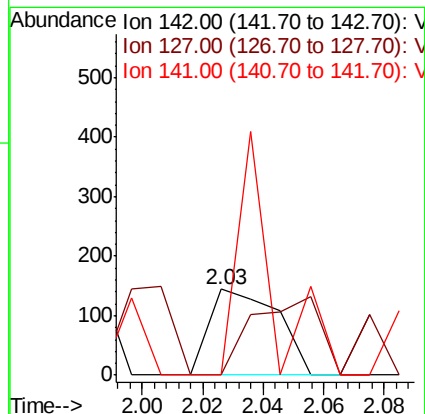
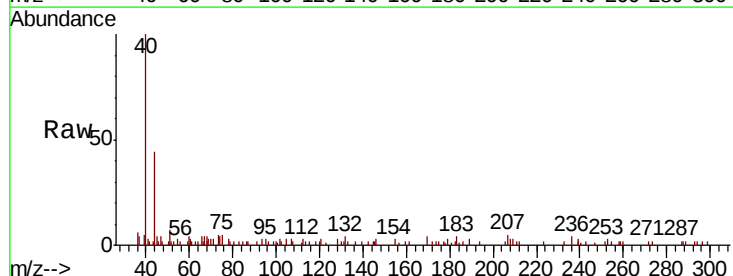
RT: 2.03 min Scan# 151

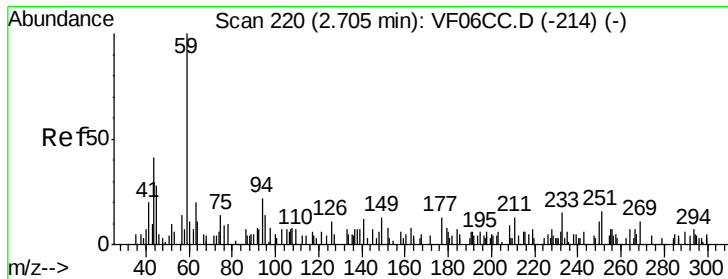
Delta R.T. 0.01 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Tgt Ion:	142	Resp:	224
Ion	Ratio	Lower	Upper
142	100		
127	0.0	39.4	59.2#
141	0.0	10.6	15.8#

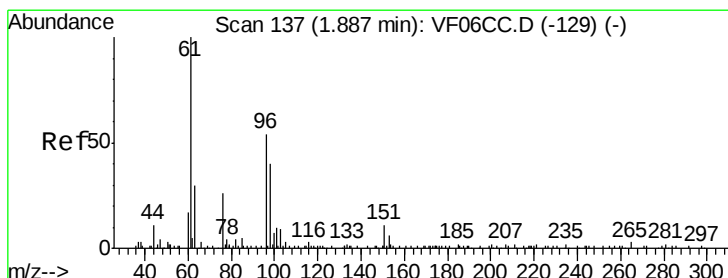
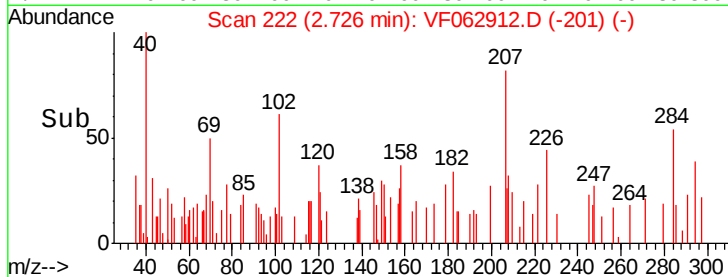
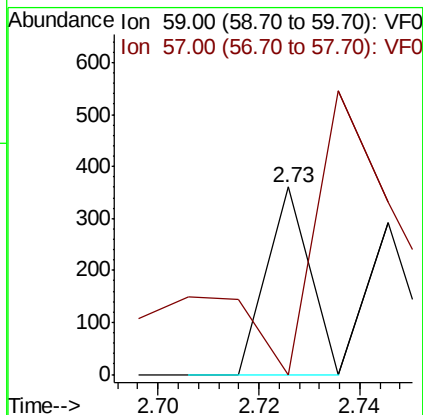
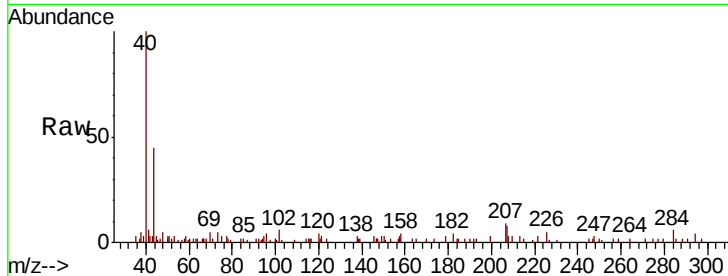




#11
Tert butyl alcohol
Concen: 3081.605 ug/l
RT: 2.73 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

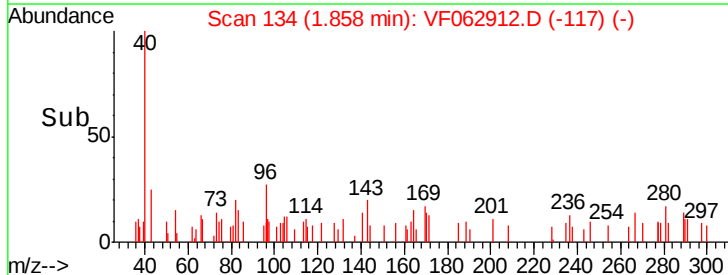
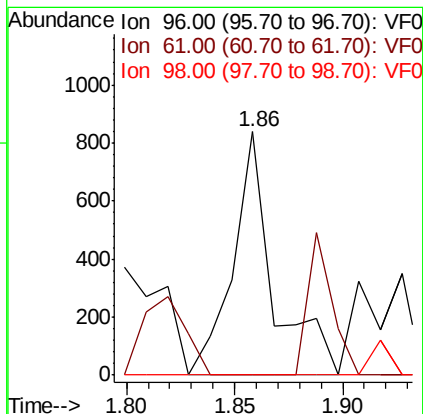
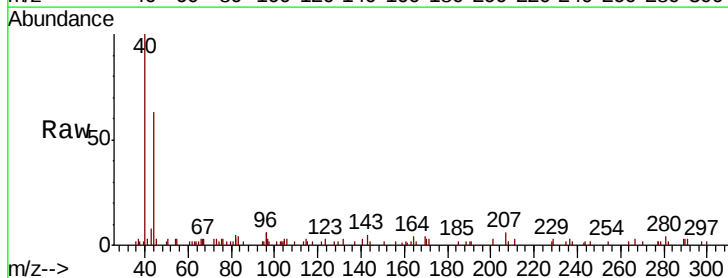
Instrument :
MSVOA_F
ClientSampled :

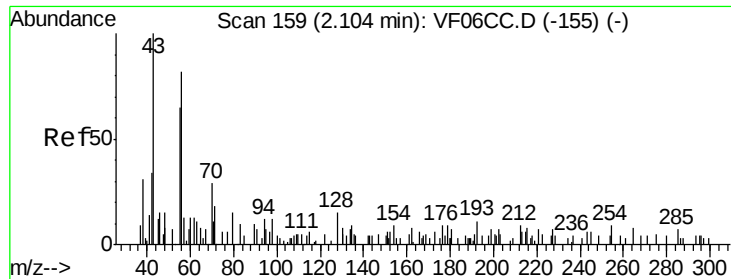
Tot Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 794.219 ug/l
RT: 1.86 min Scan# 134
Delta R.T. -0.03 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 96 Resp: 1089
Ion Ratio Lower Upper
96 100
61 0.0 139.4 209.2#
98 0.0 50.3 75.5#

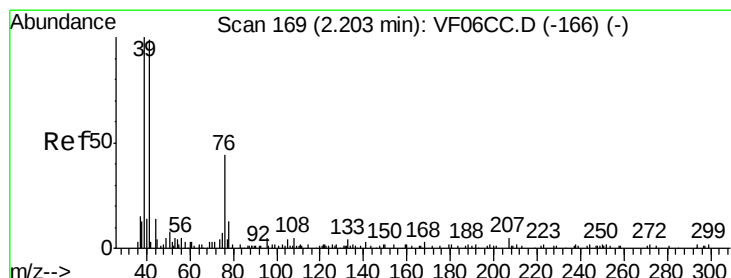
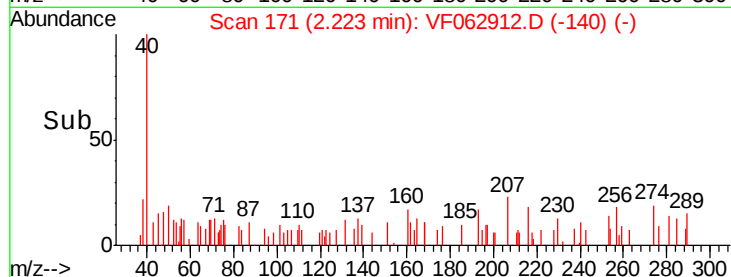
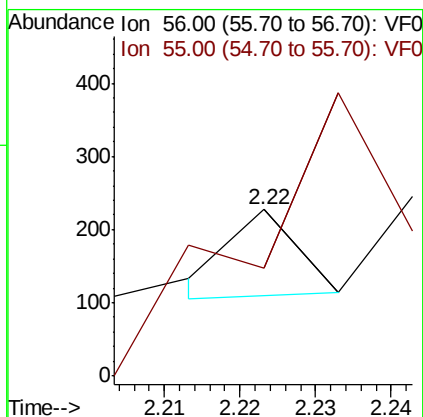
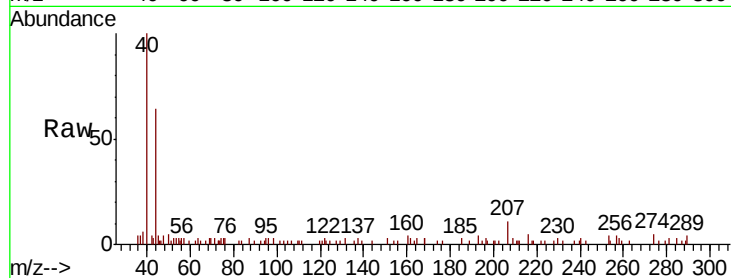




#13
Acrolein
Concen: 2687.253 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.11 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

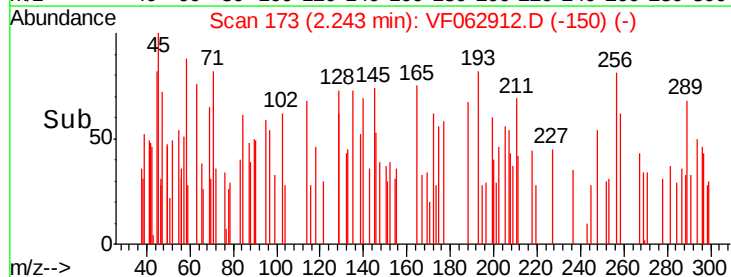
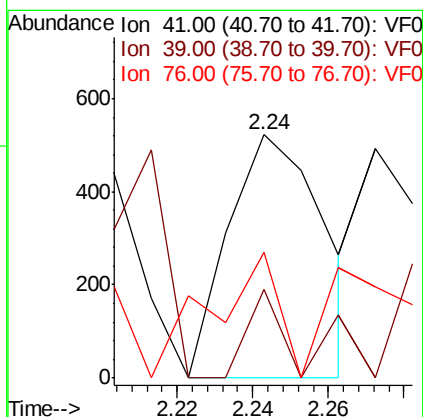
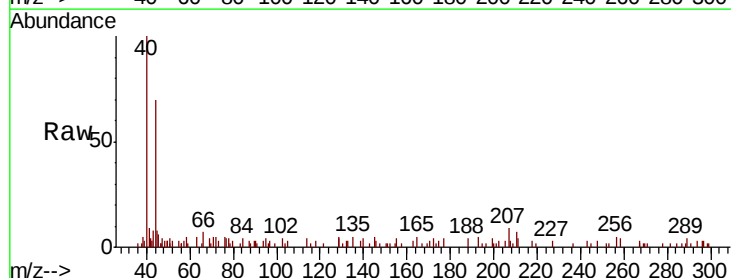
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 64.8 52.9 79.3



#14
Allyl chloride
Concen: 858.294 ug/l
RT: 2.24 min Scan# 173
Delta R.T. 0.03 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 41 Resp: 913
Ion Ratio Lower Upper
41 100
39 24.5 71.9 107.9#
76 34.8 39.6 59.4#





#15

Acrylonitrile

Concen: 1012.616 ug/l

RT: 3.10 min Scan# 260

Delta R.T. -0.01 min

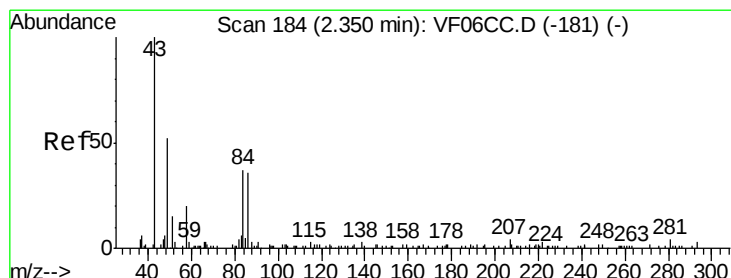
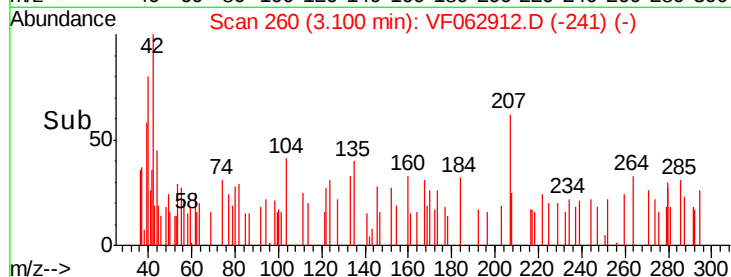
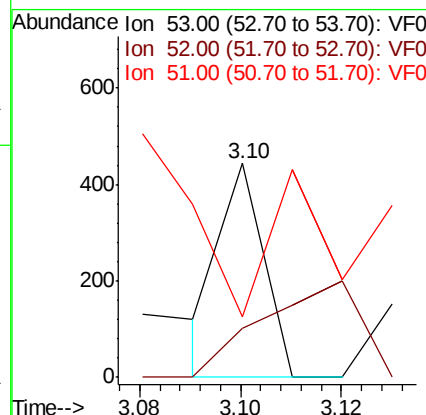
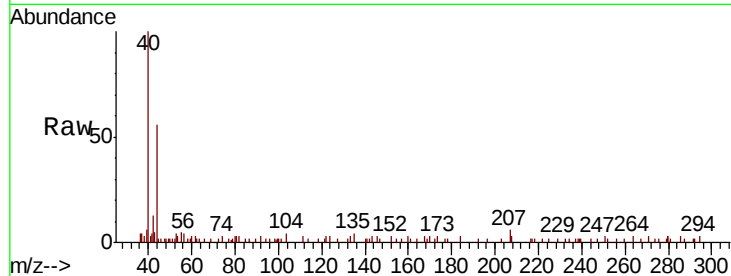
Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 53 Resp: 263

Ion	Ratio	Lower	Upper
53	100		
52	23.0	68.1	102.1#
51	28.6	27.7	41.5



#16

Acetone

Concen: 2297.567 ug/l

RT: 2.32 min Scan# 181

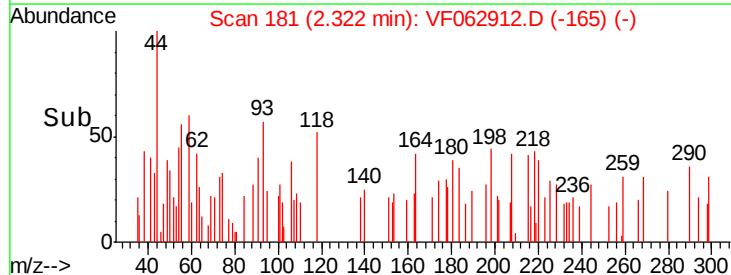
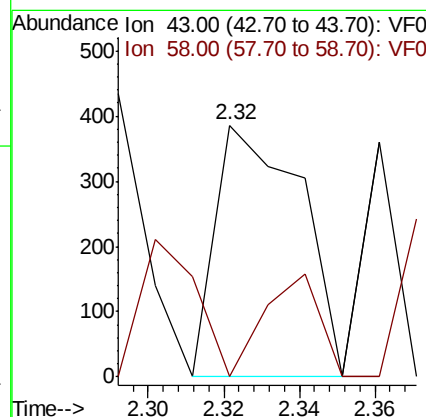
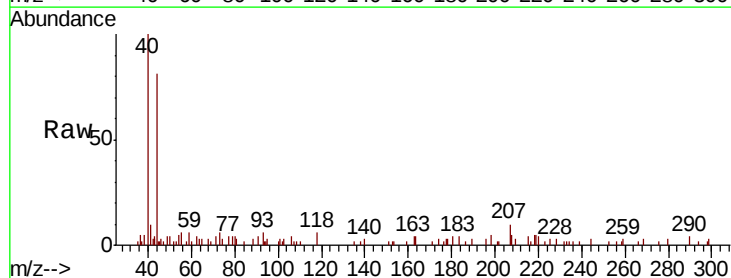
Delta R.T. -0.04 min

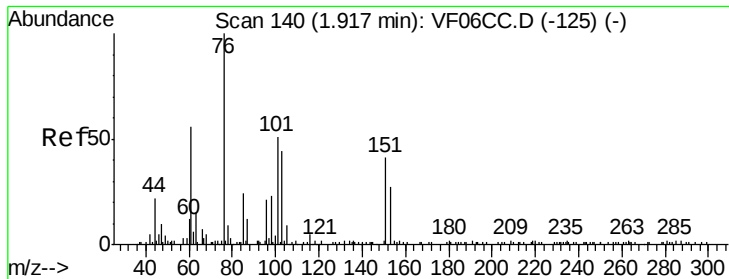
Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Tgt Ion: 43 Resp: 600

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.0	28.4#

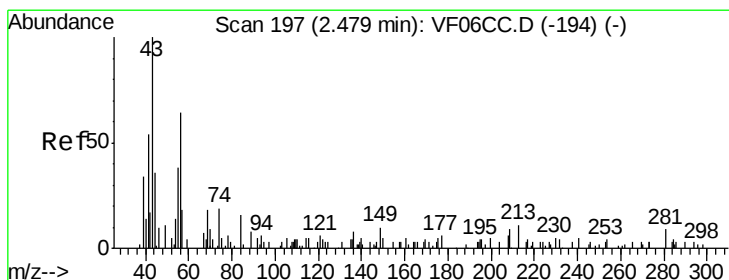
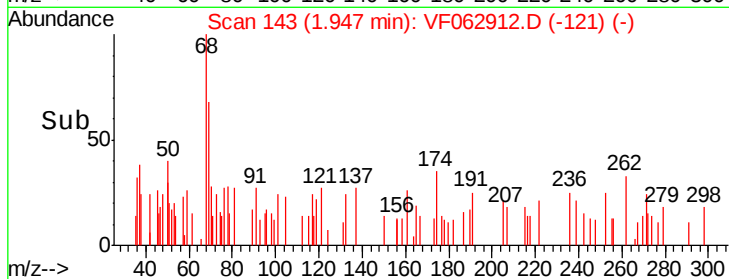
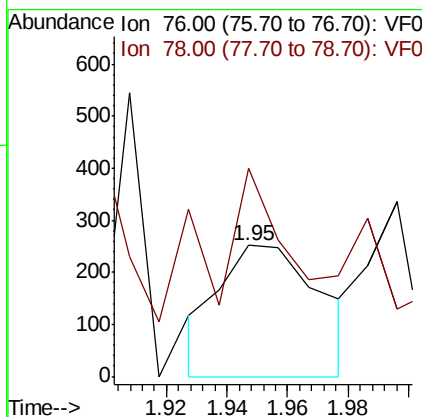
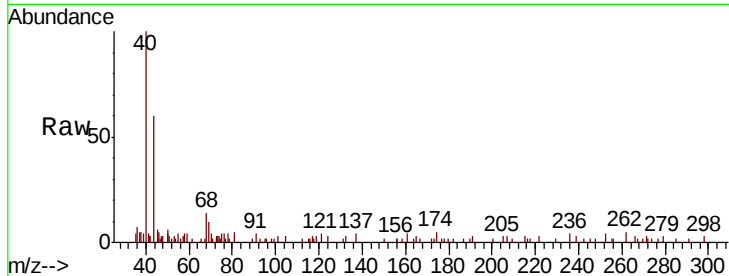




#17
Carbon Disulfide
Concen: 145.476 ug/l
RT: 1.95 min Scan# 143
Delta R.T. 0.02 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

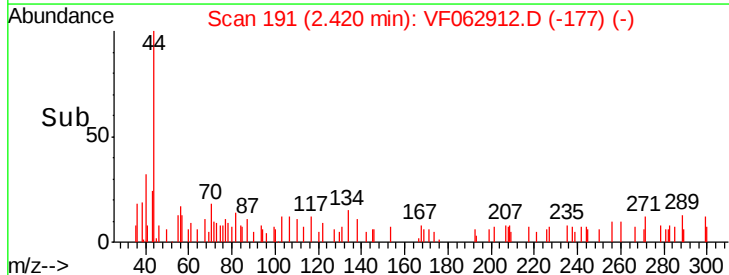
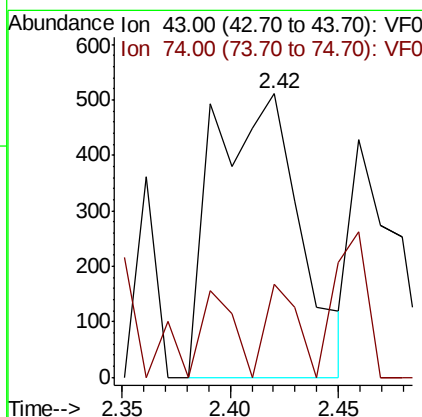
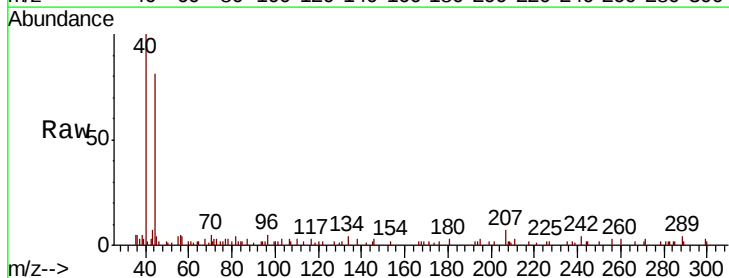
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 76 Resp: 583
Ion Ratio Lower Upper
76 100
78 159.0 9.4 14.2#



#18
Methyl Acetate
Concen: 3098.497 ug/l
RT: 2.42 min Scan# 191
Delta R.T. -0.06 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
74 32.9 22.1 33.1

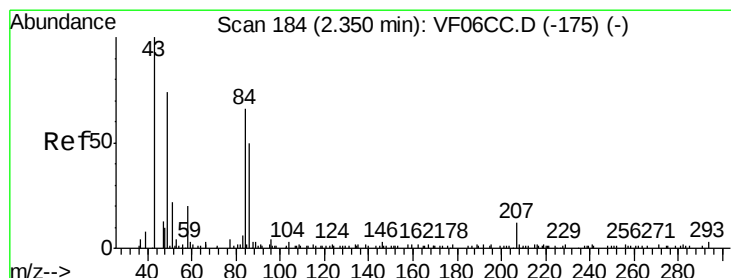
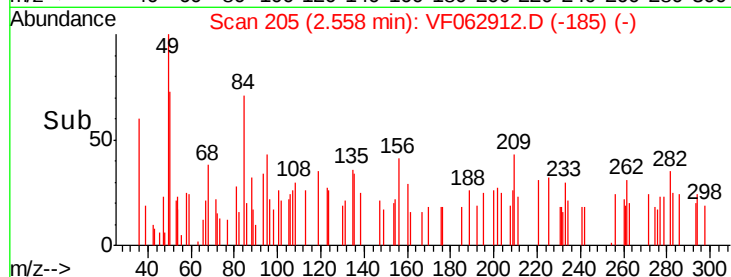
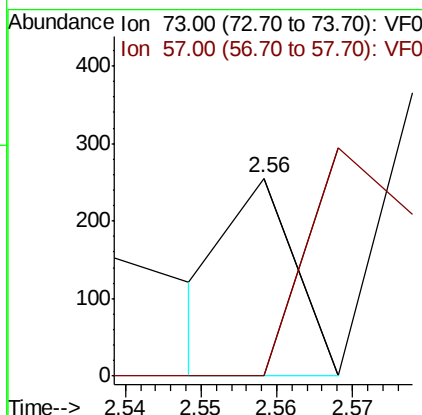
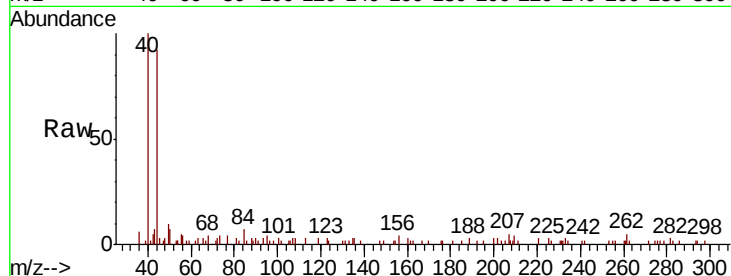




#19
Methvl tert-butvl Ether
Concen: 60.785 ug/l
RT: 2.56 min Scan# 205
Delta R.T. -0.00 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

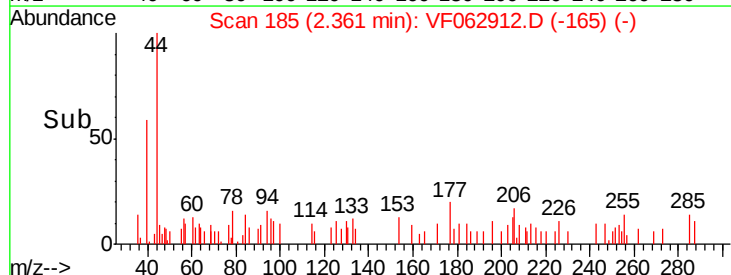
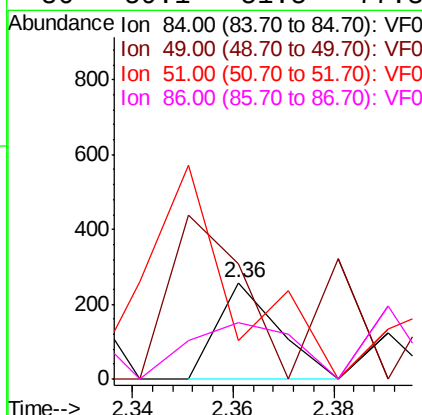
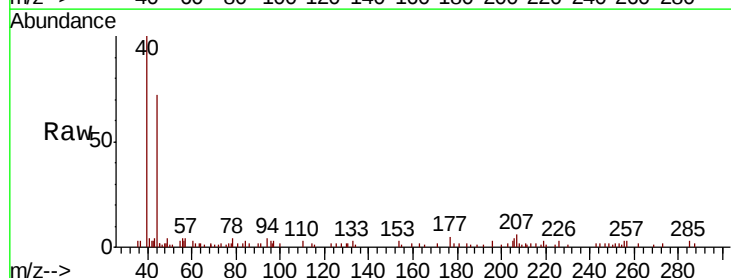
Instrument :
MSVOA_F
ClientSampleId :

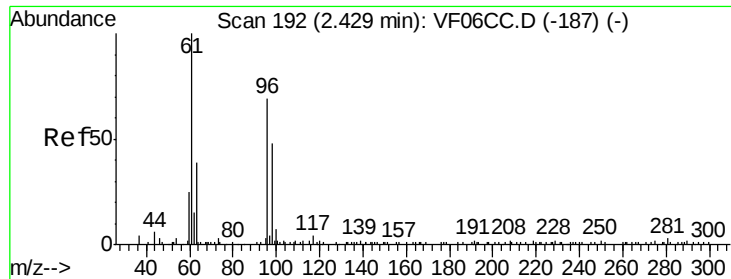
Tot Ion: 73 Resp: 151
Ion Ratio Lower Upper
73 100
57 0.0 15.1 22.7#



#20
Methylene Chloride
Concen: 171.675 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.00 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 84 Resp: 215
Ion Ratio Lower Upper
84 100
49 120.2 82.6 123.8
51 39.7 25.0 37.4#
86 59.1 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 263.312 ug/l

RT: 2.46 min Scan# 195

Delta R.T. 0.02 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

ClientSampleId :

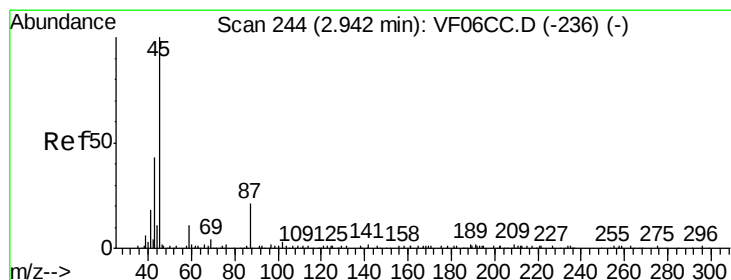
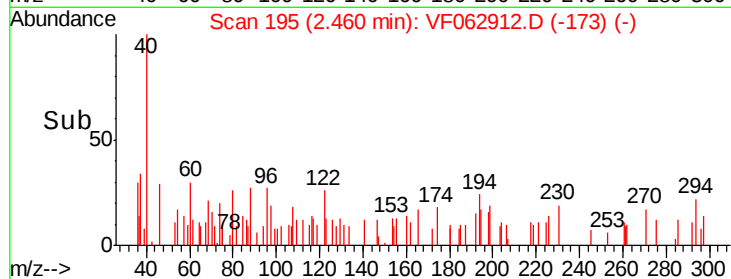
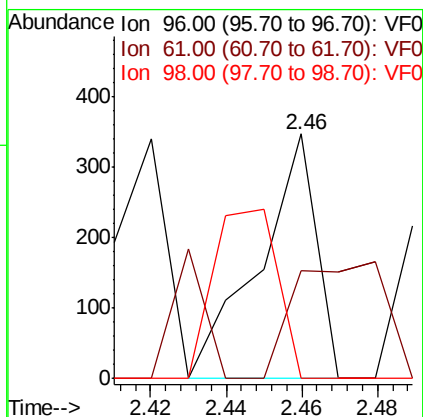
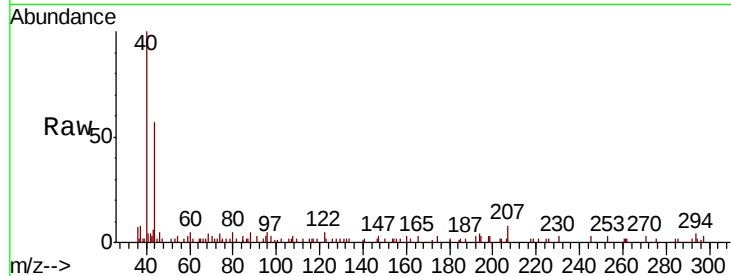
Tot Ion: 96 Resp: 362

Ion Ratio Lower Upper

96 100

61 43.8 105.0 157.6#

98 0.0 51.1 76.7#



#22

Diisopropyl ether

Concen: 76.435 ug/l

RT: 2.97 min Scan# 247

Delta R.T. 0.02 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Tgt Ion: 45 Resp: 231

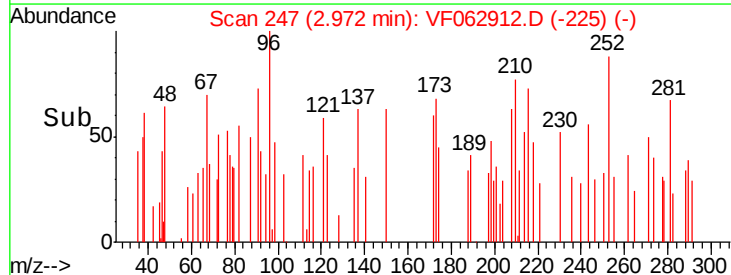
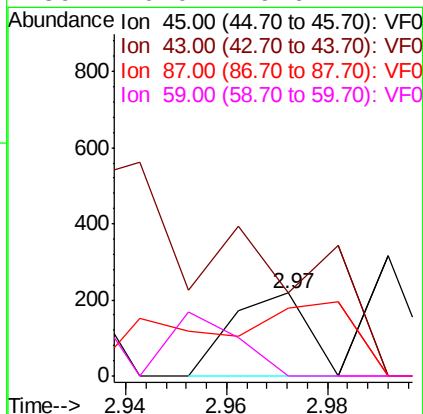
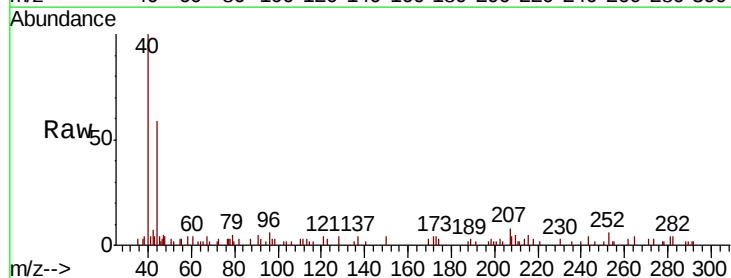
Ion Ratio Lower Upper

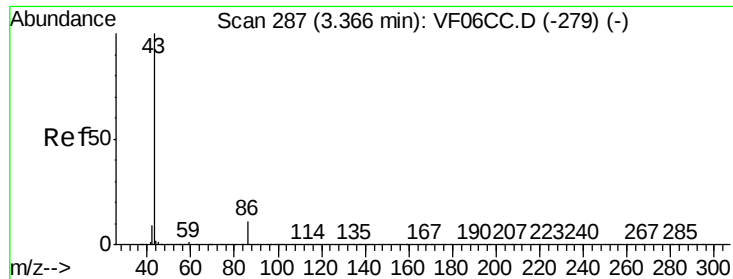
45 100

43 101.4 34.3 51.5#

87 82.5 19.0 28.4#

59 0.0 9.6 14.4#





#23

Vinyl Acetate

Concen: 196.713 ug/l

RT: 3.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

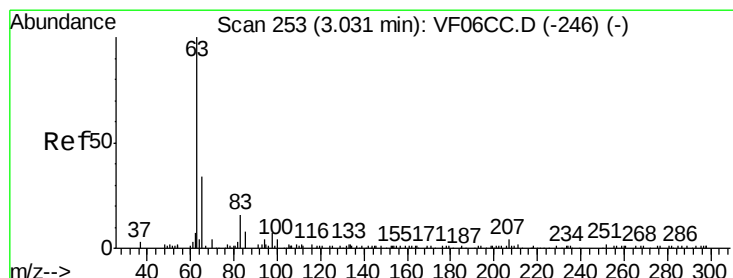
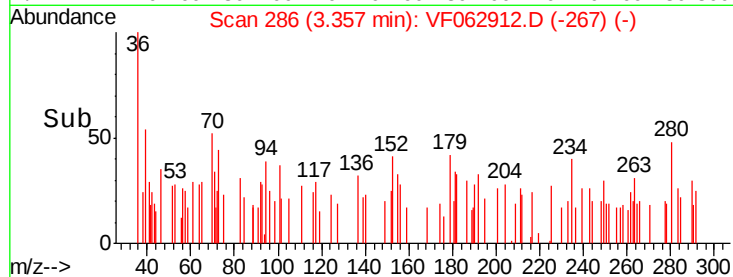
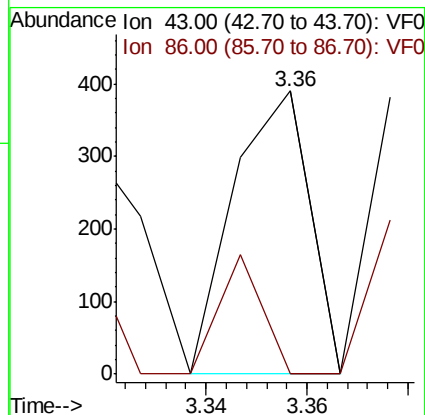
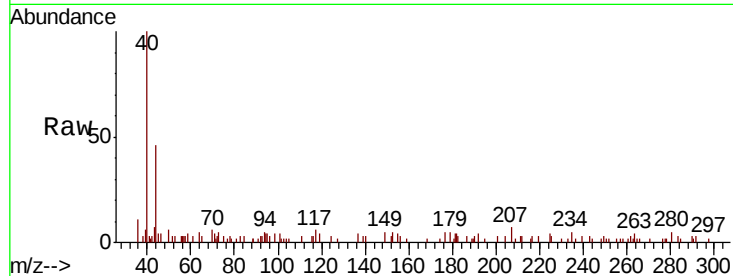
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 407

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 34.124 ug/l

RT: 3.02 min Scan# 252

Delta R.T. -0.01 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

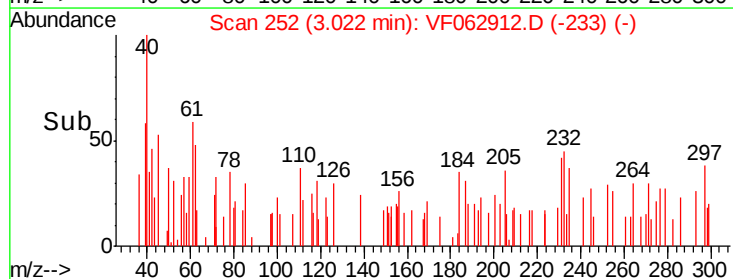
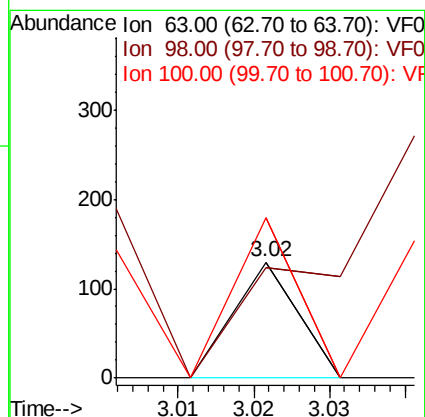
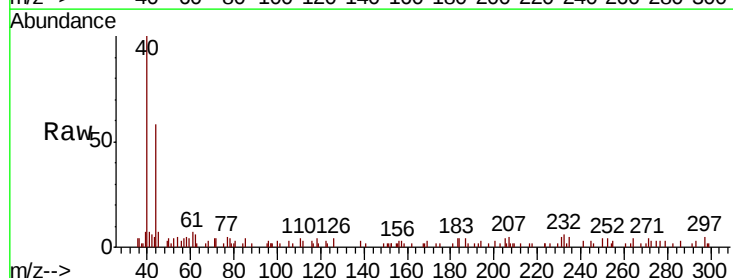
Tgt Ion: 63 Resp: 77

Ion Ratio Lower Upper

63 100

98 94.6 2.4 7.1#

100 138.5 1.5 4.5#

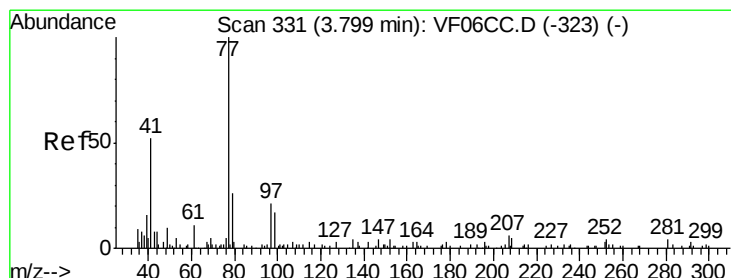
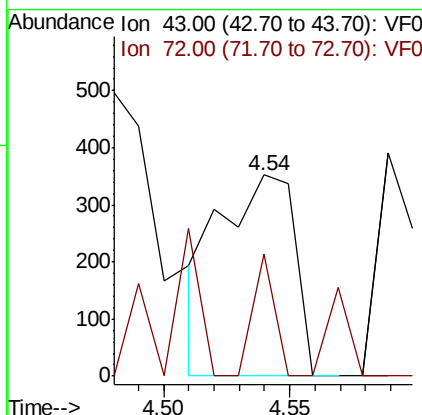
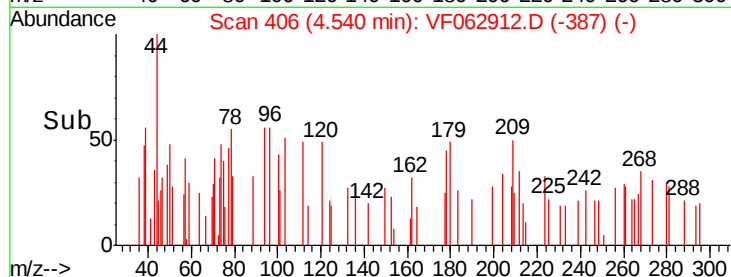
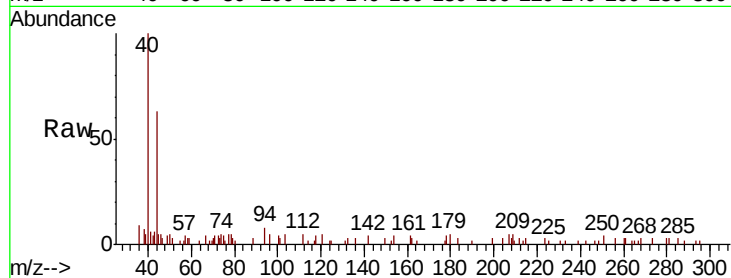




#25
2-Butanone
Concen: 1208.584 ug/l
RT: 4.54 min Scan# 406
Delta R.T. -0.01 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

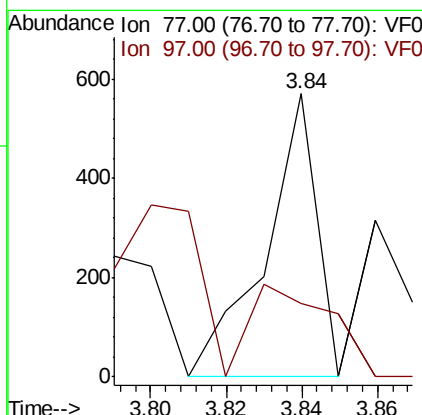
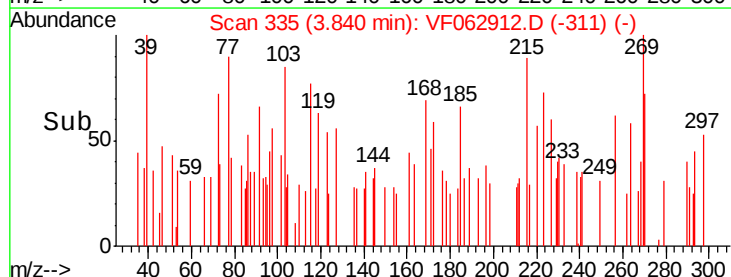
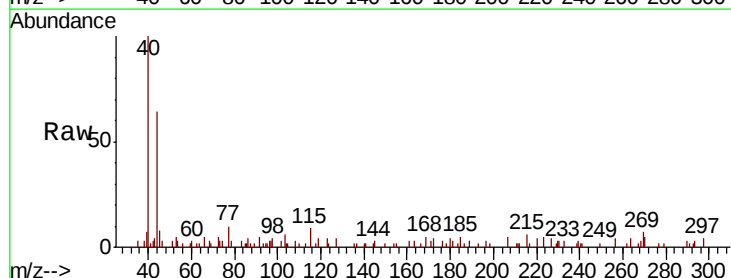
Instrument :
MSVOA_F
ClientSampled :

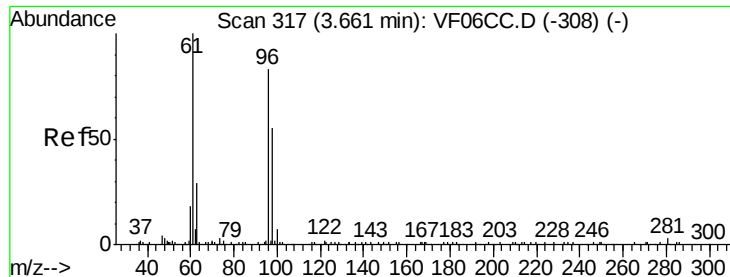
Tot Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
72 60.8 21.4 32.0#



#26
2,2-Dichloropropane
Concen: 418.346 ug/l
RT: 3.84 min Scan# 335
Delta R.T. 0.04 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 77 Resp: 536
Ion Ratio Lower Upper
77 100
97 65.1 12.4 37.4#



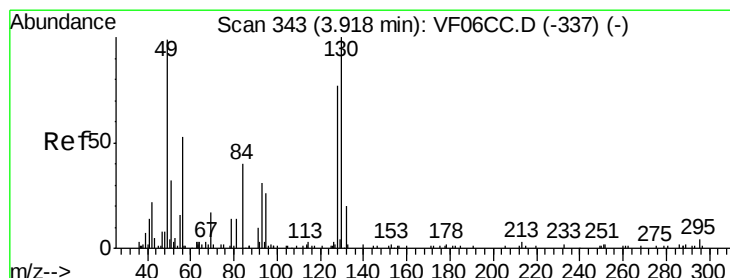
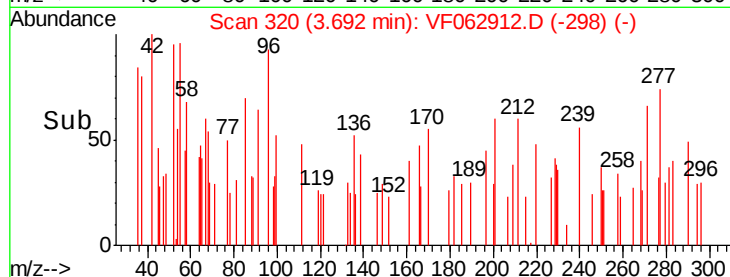
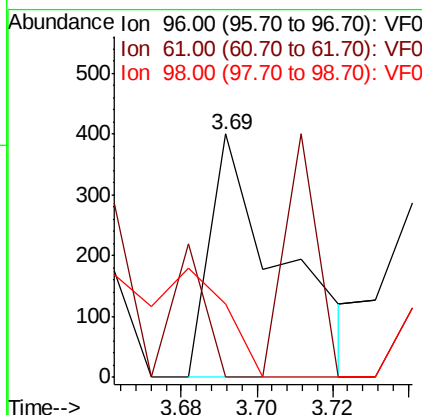
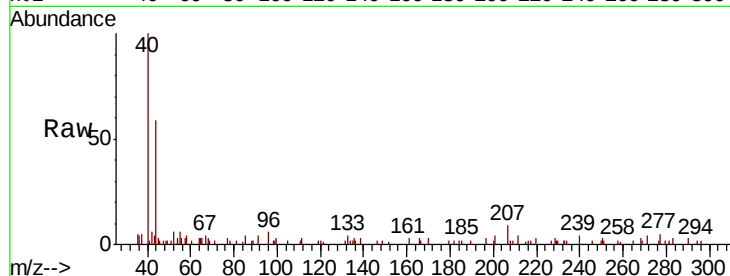


#27

cis-1,2-Dichloroethene
Concen: 228.045 ug/l
RT: 3.69 min Scan# 320
Delta R.T. 0.02 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Instrument :
MSVOA_F
ClientSampleId :

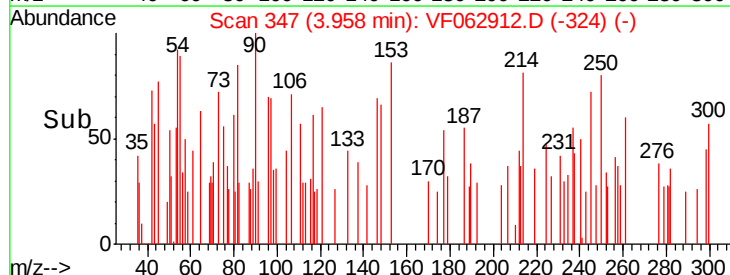
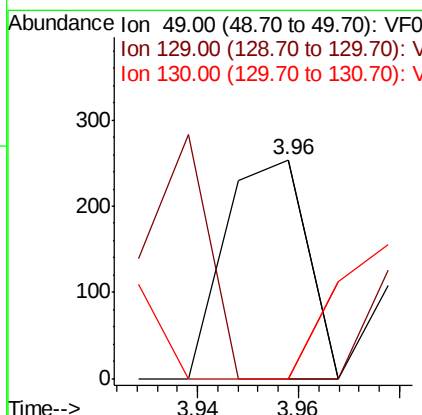
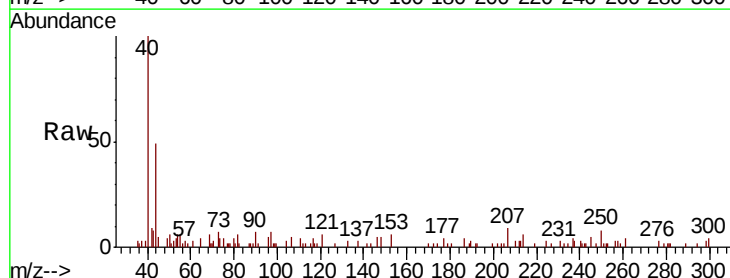
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	213.8
98	30.3	0.0	127.0

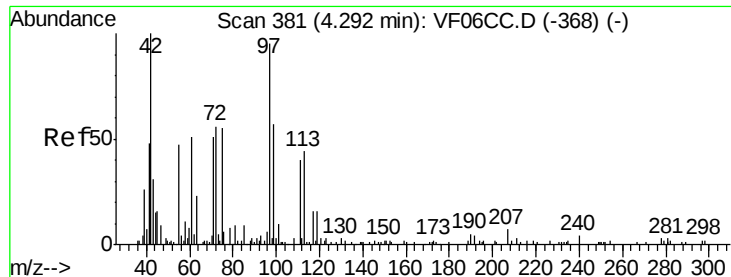


#28

Bromochloromethane
Concen: 233.011 ug/l
RT: 3.96 min Scan# 347
Delta R.T. 0.03 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

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

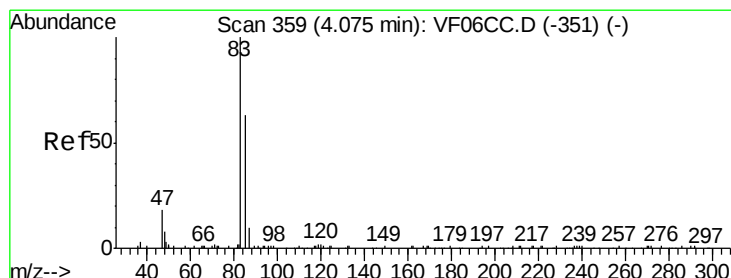
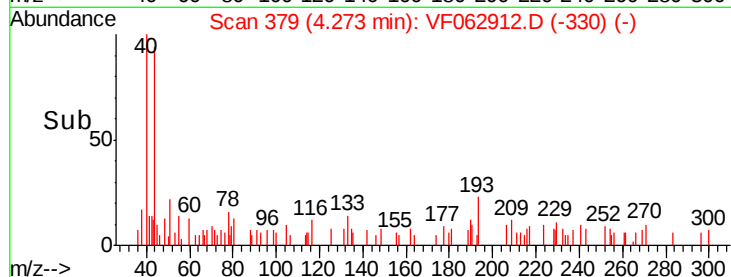
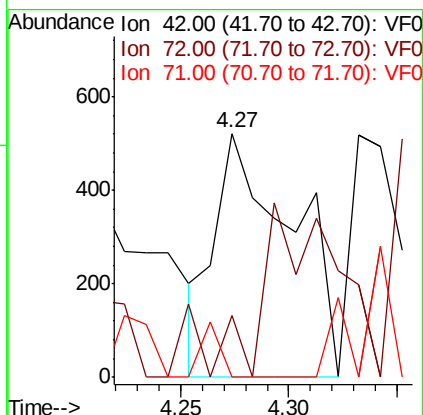
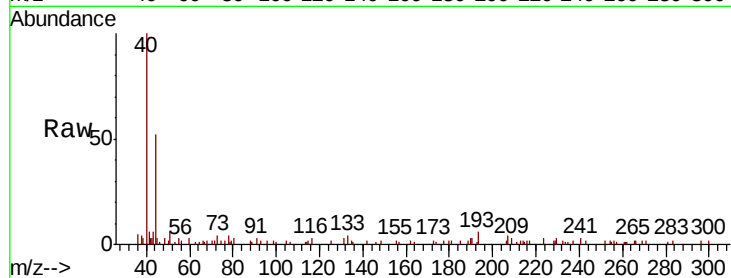




#29
Tetrahydrofuran
Concen: 5571.791 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.02 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

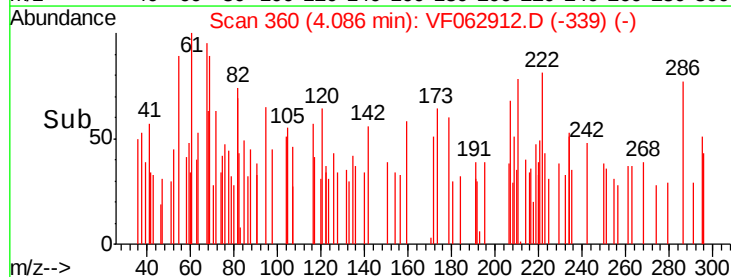
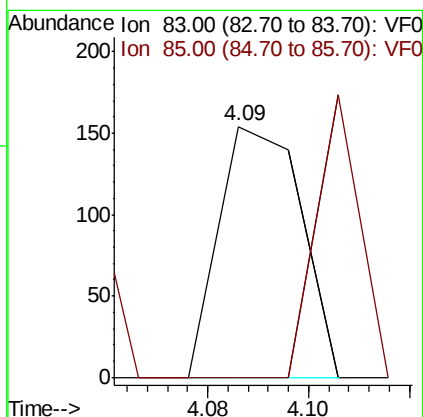
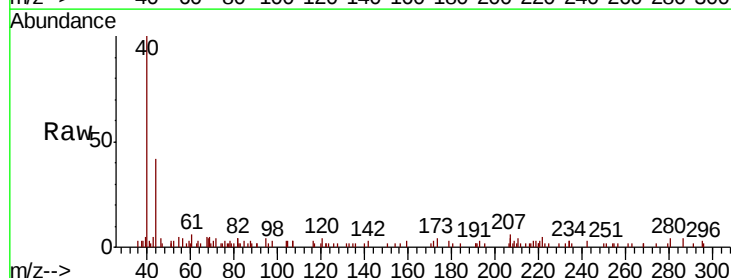
Instrument :
MSVOA_F
ClientSampleId :

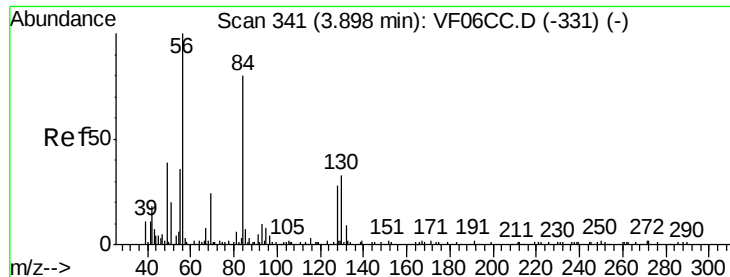
Tot Ion	Ratio	Lower	Upper
42	100		
72	7.1	39.0	58.6#
71	5.4	36.9	55.3#



#30
Chloroform
Concen: 54.713 ug/l
RT: 4.09 min Scan# 360
Delta R.T. 0.01 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

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

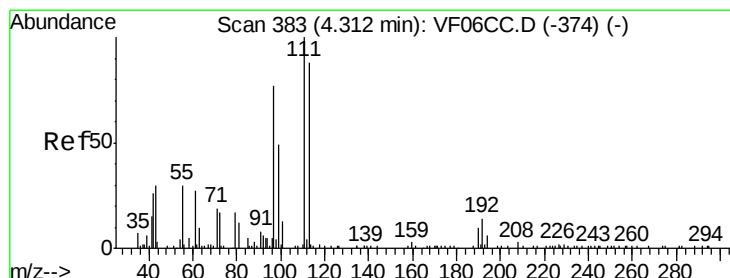
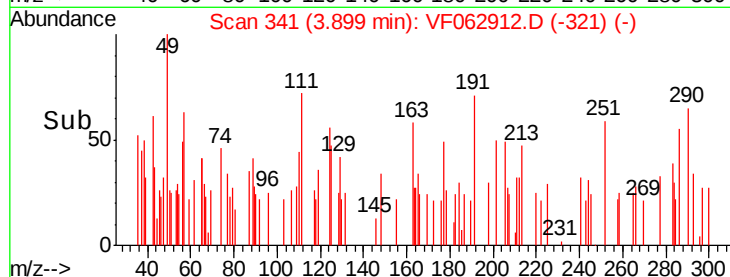
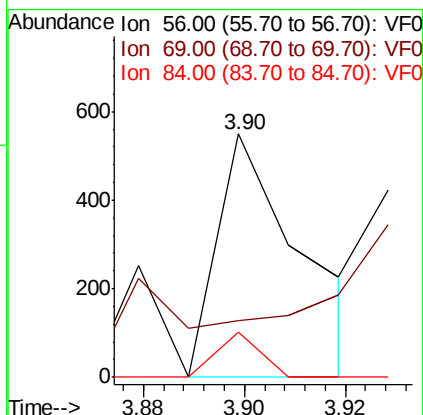
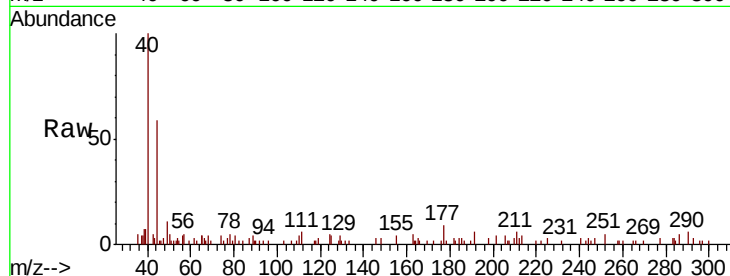




#31
Cyclohexane
Concen: 208.186 ug/l
RT: 3.90 min Scan# 341
Delta R.T. -0.00 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

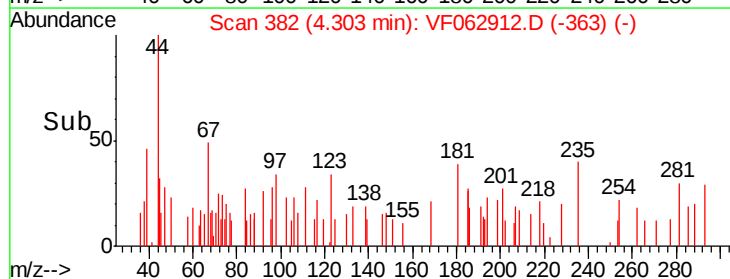
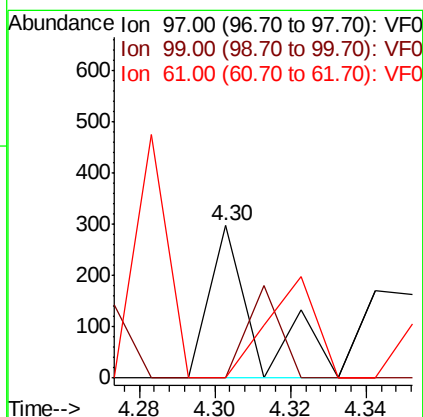
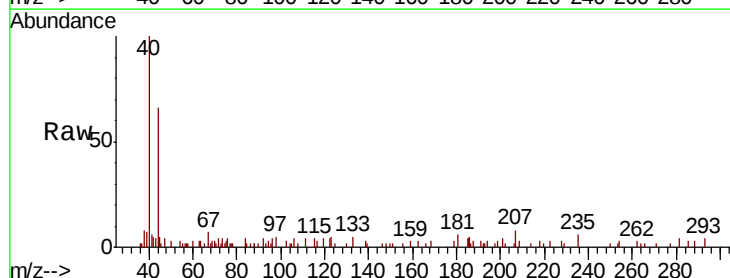
Instrument :
MSVOA_F
ClientSampled :

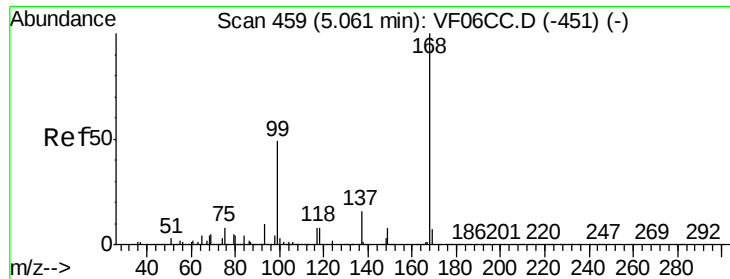
Tot Ion: 56 Resp: 636
Ion Ratio Lower Upper
56 100
69 23.1 26.7 40.1#
84 18.5 74.3 111.5#



#32
1,1,1-Trichloroethane
Concen: 137.718 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 97 Resp: 255
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 0.0 38.9 58.3#





#33

1,2-Dichloroethane-d4

Concen: 285.718 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

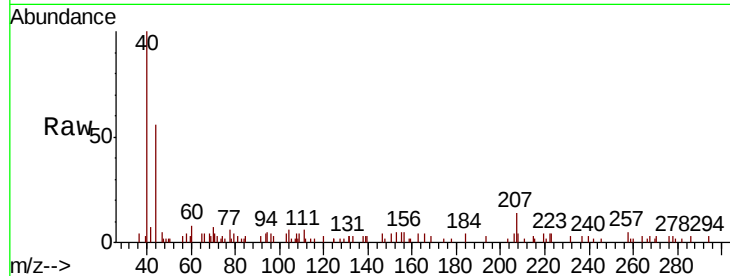
ClientSampled :

Tot Ion: 65 Resp: 326

Ion Ratio Lower Upper

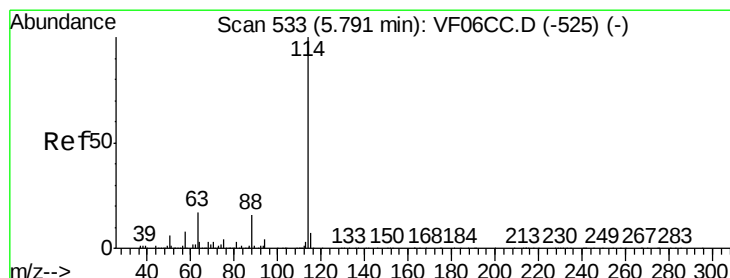
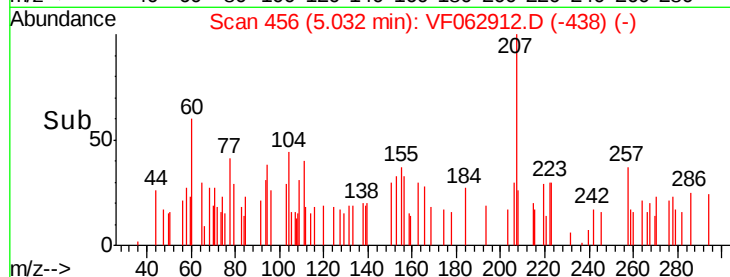
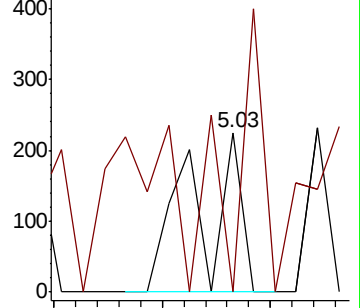
65 100

67 0.0 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 541

Delta R.T. 0.07 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

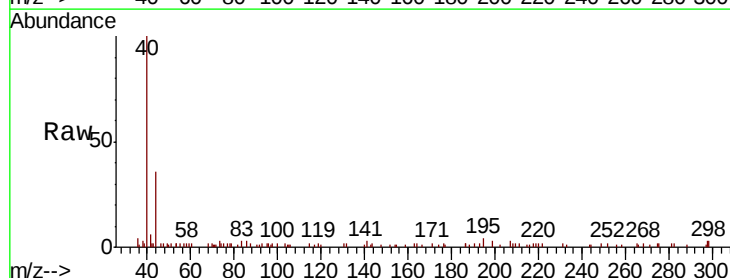
Tgt Ion: 114 Resp: 93

Ion Ratio Lower Upper

114 100

63 0.0 0.0 34.2

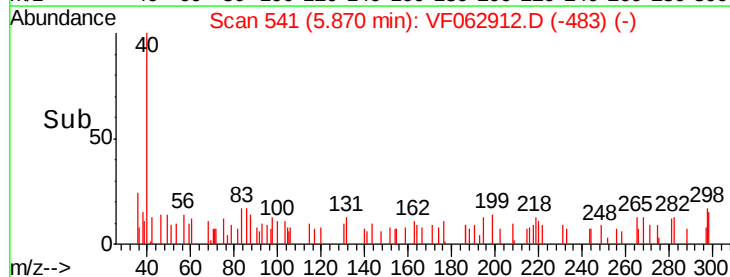
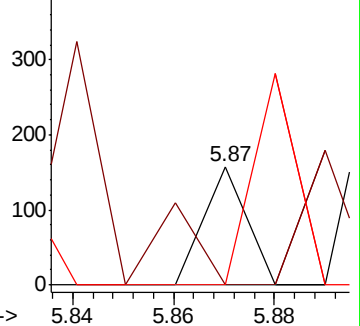
88 0.0 0.0 31.2

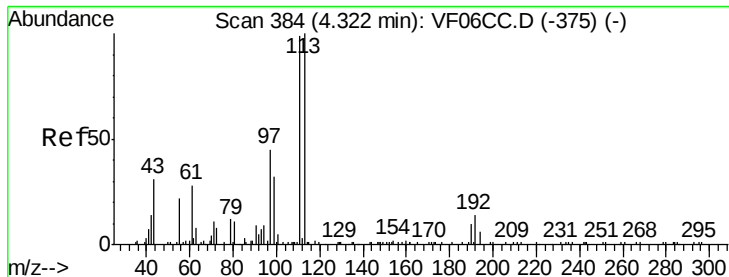


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 86.801 ug/l

RT: 4.37 min Scan# 389

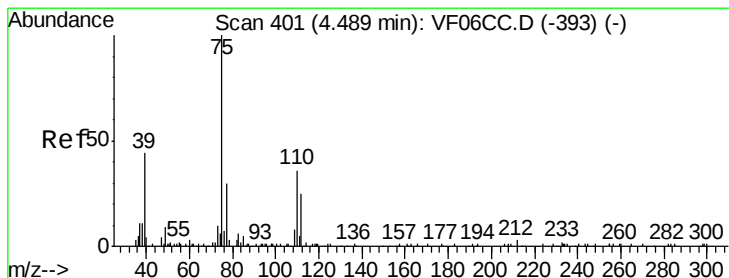
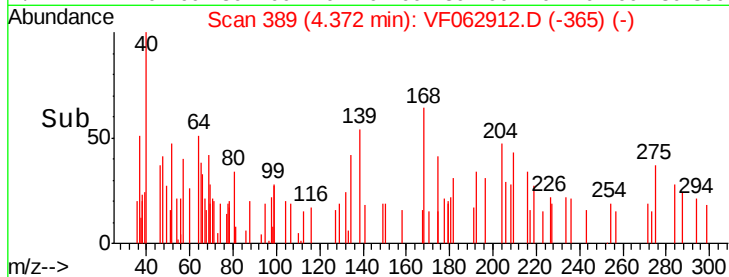
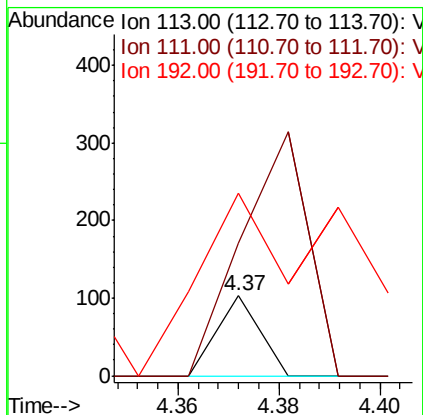
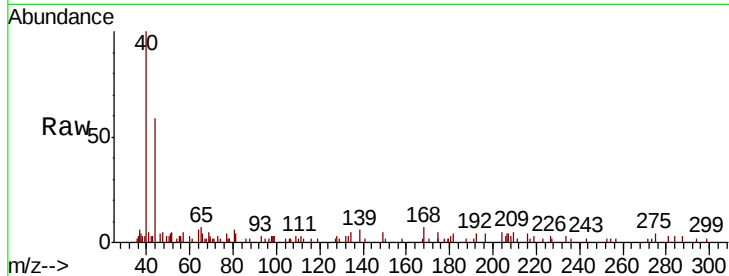
Delta R.T. 0.04 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	113	Resp:	61
Ion	Ratio	Lower	Upper
113	100		
111	166.0	81.9	122.9#
192	228.2	15.1	22.7#



#36

1,1-Dichloropropene

Concen: 592.185 ug/l

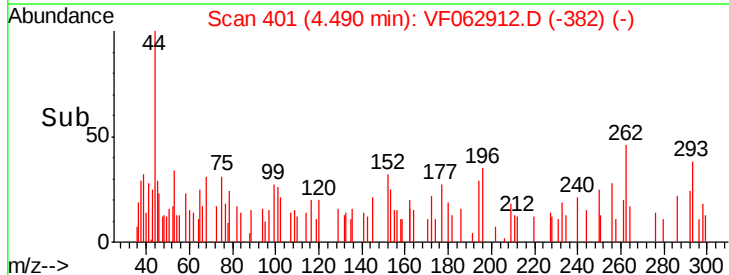
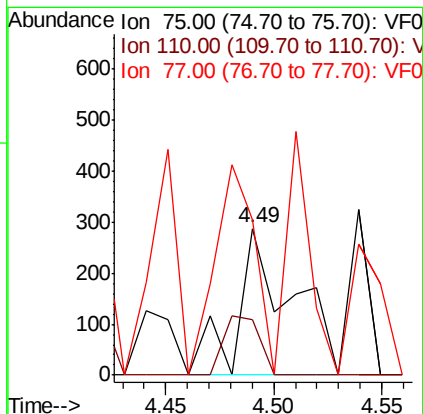
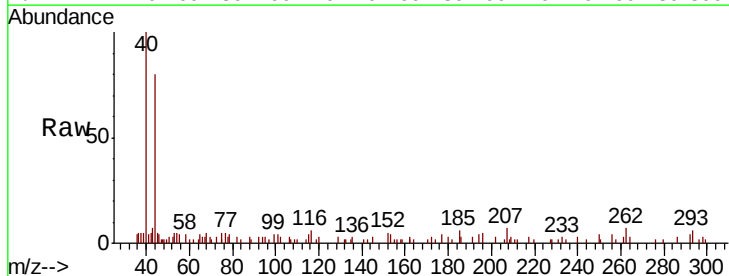
RT: 4.49 min Scan# 401

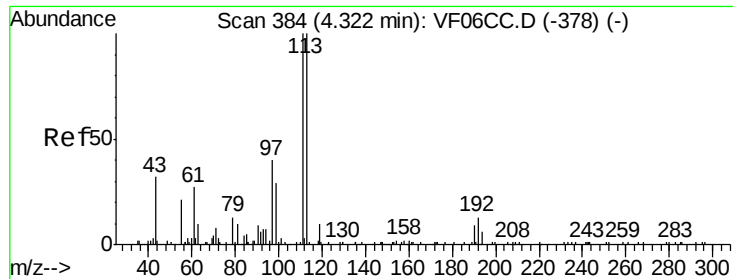
Delta R.T. -0.01 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Tgt Ion:	75	Resp:	507
Ion	Ratio	Lower	Upper
75	100		
110	37.8	19.4	58.1
77	105.6	25.4	38.2#





#37

Ethyl Acetate

Concen: 1750.817 ug/l

RT: 4.39 min Scan# 391

Delta R.T. 0.06 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :
MSVOA_F
ClientSampled :

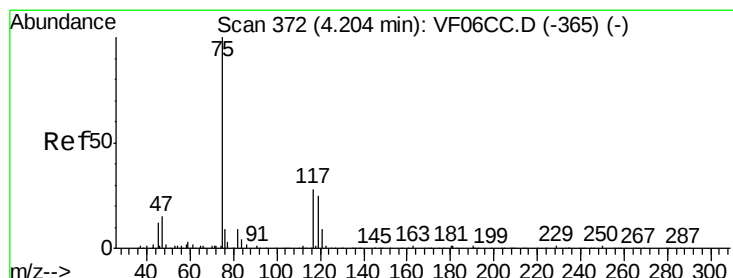
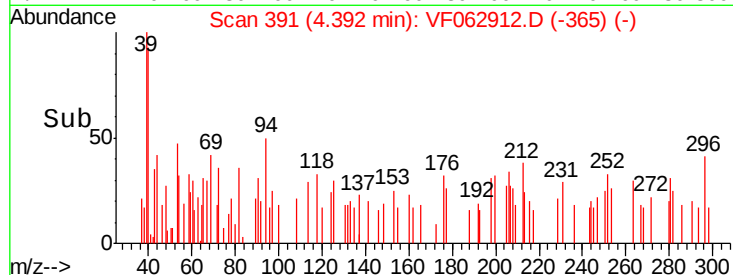
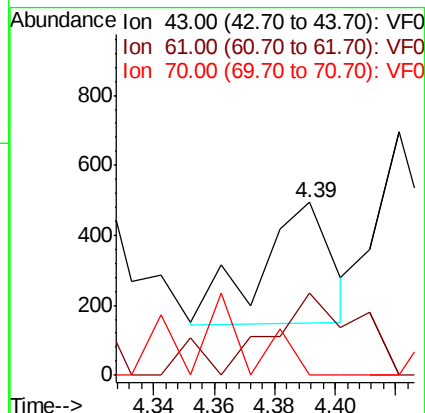
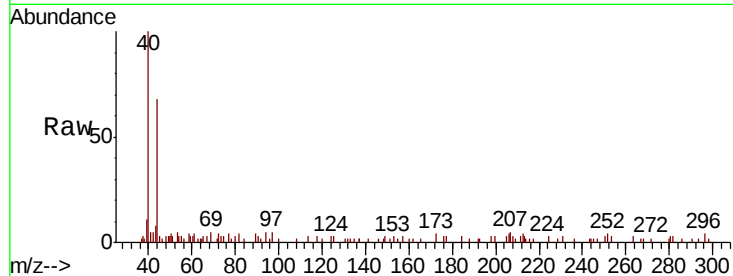
Tot Ion: 43 Resp: 573

Ion Ratio Lower Upper

43 100

61 47.8 59.1 88.7#

70 0.0 10.1 15.1#



#38

Carbon Tetrachloride

Concen: 124.434 ug/l

RT: 4.21 min Scan# 373

Delta R.T. 0.01 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

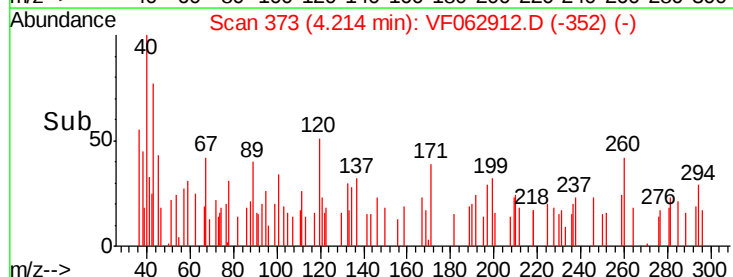
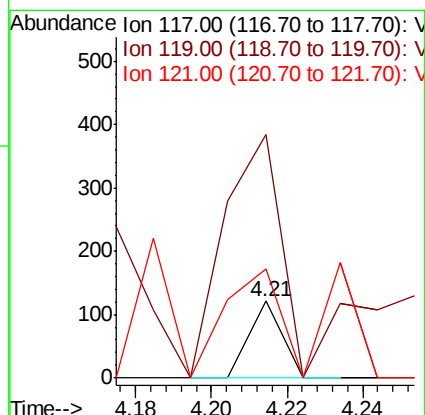
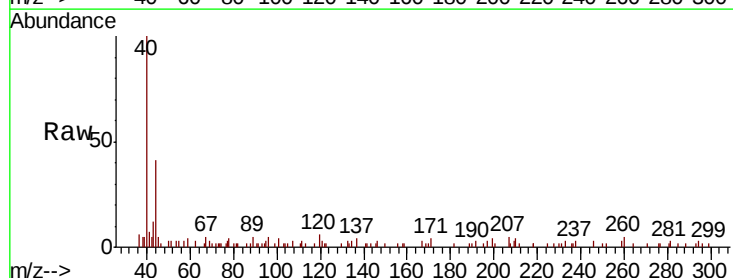
Tgt Ion: 117 Resp: 72

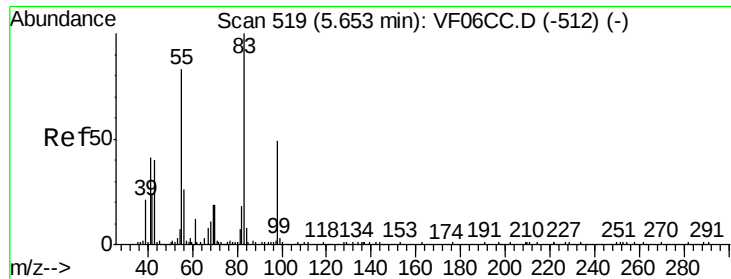
Ion Ratio Lower Upper

117 100

119 317.4 78.2 117.2#

121 143.0 28.2 42.2#

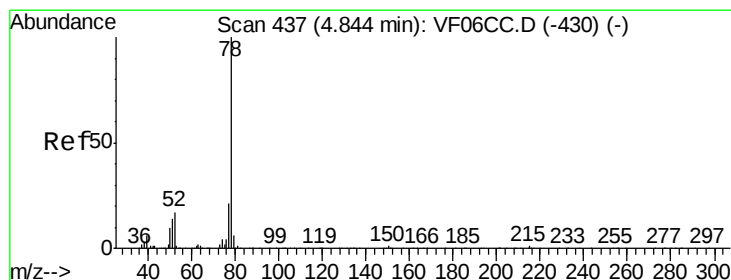
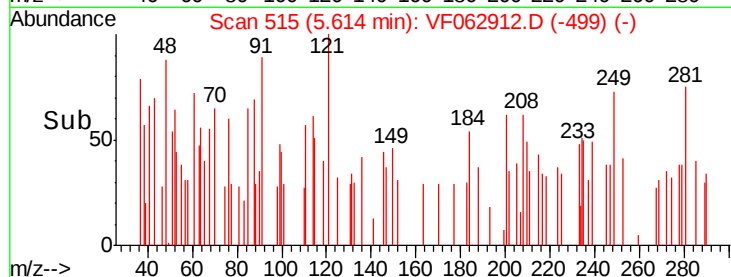
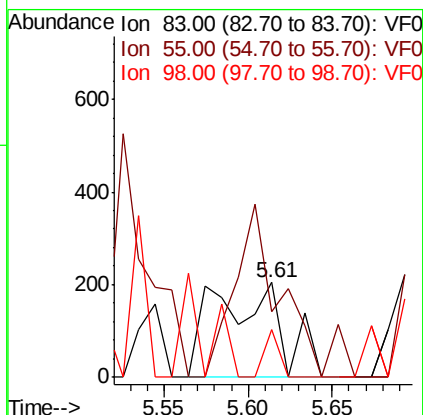
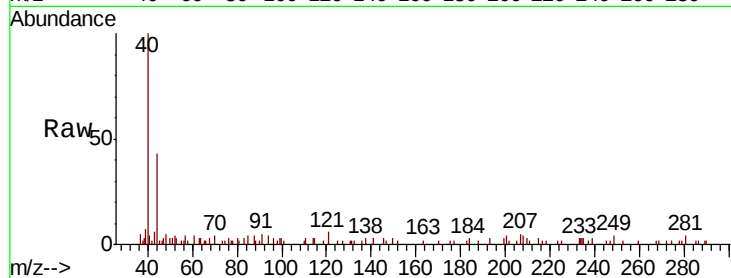




#39
Methvlcvclohexane
Concen: 533.053 ug/l
RT: 5.61 min Scan# 515
Delta R.T. -0.04 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

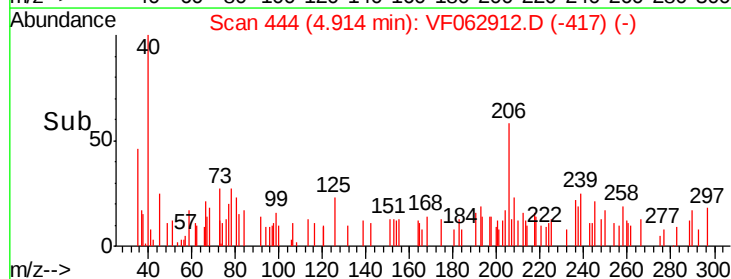
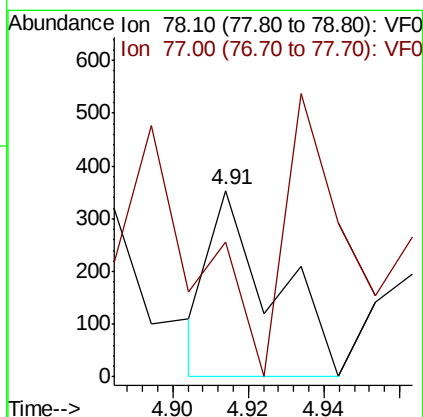
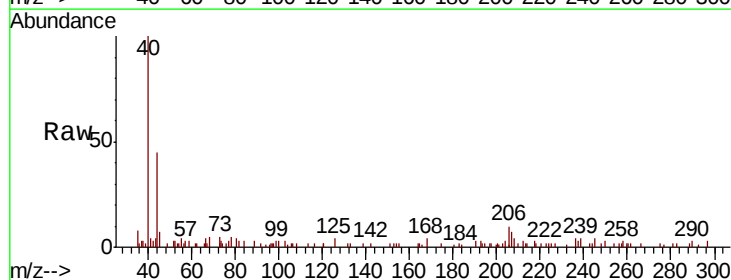
Instrument :
MSVOA_F
ClientSampleId :

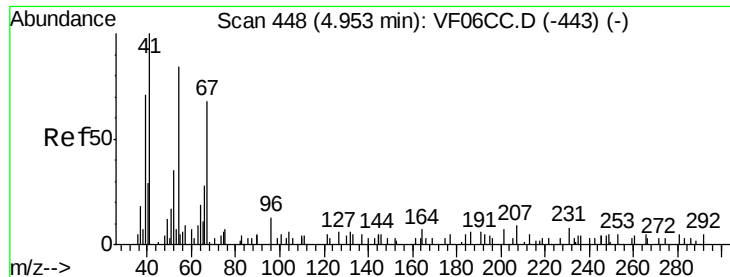
Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	61.6	92.4
98	50.5	37.4	56.2



#40
Benzene
Concen: 162.138 ug/l
RT: 4.91 min Scan# 444
Delta R.T. 0.07 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	72.5	18.9	28.3

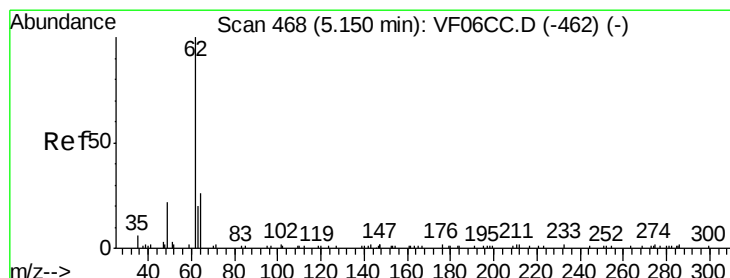
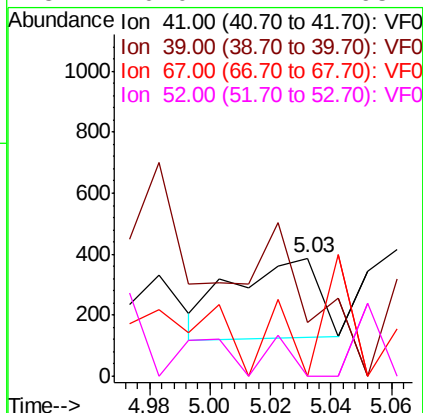
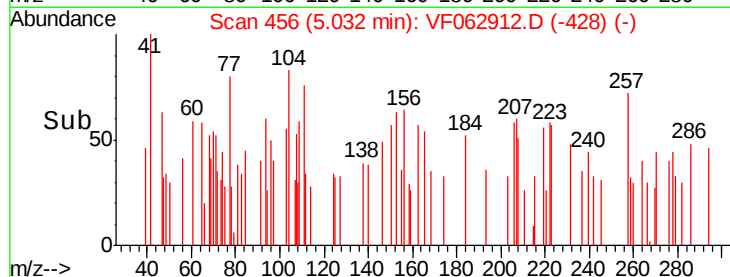
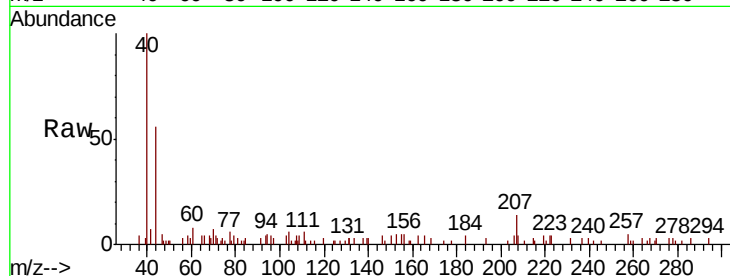




#41
Methacrylonitrile
Concen: 2836.107 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.08 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

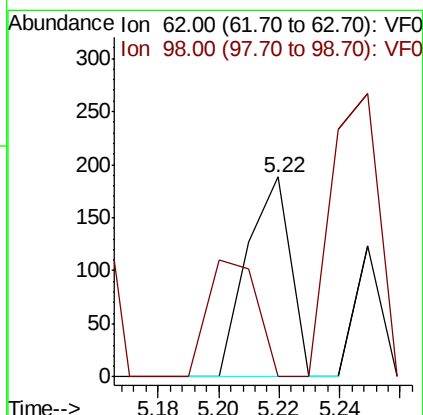
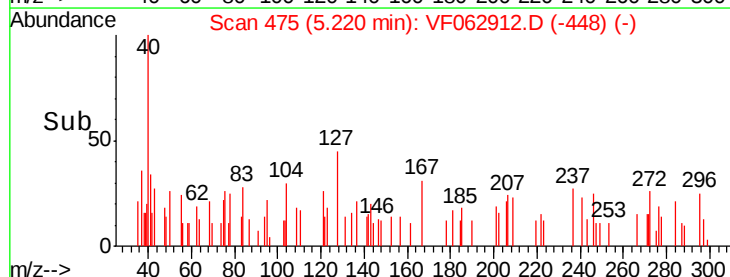
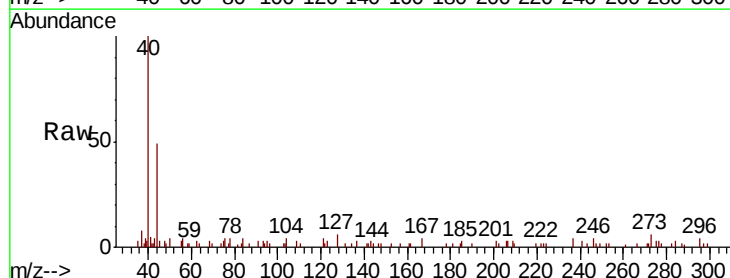
Instrument :
MSVOA_F
ClientSampled :

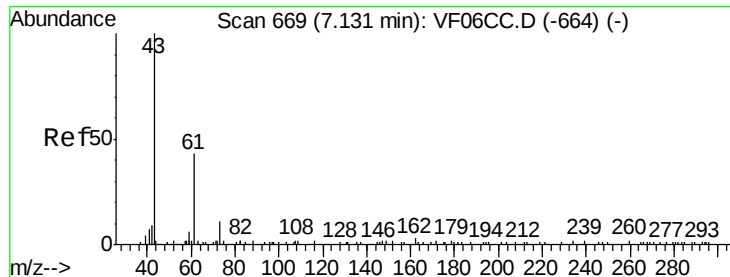
Tot Ion:	41	Resp:	516
Ion	Ratio	Lower	Upper
41	100		
39	46.1	42.0	63.0
67	0.0	61.4	92.0#
52	0.0	42.1	63.1#



#42
1,2-Dichloroethane
Concen: 392.484 ug/l
RT: 5.22 min Scan# 475
Delta R.T. 0.07 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion:	62	Resp:	186
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	24.0



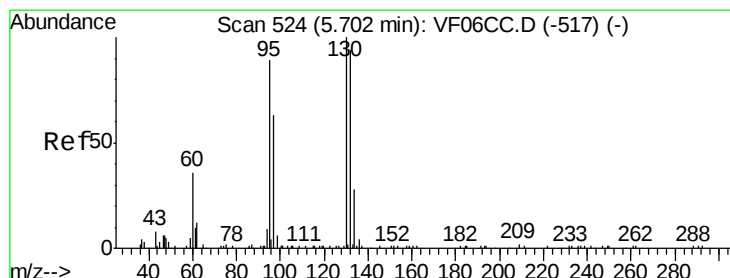
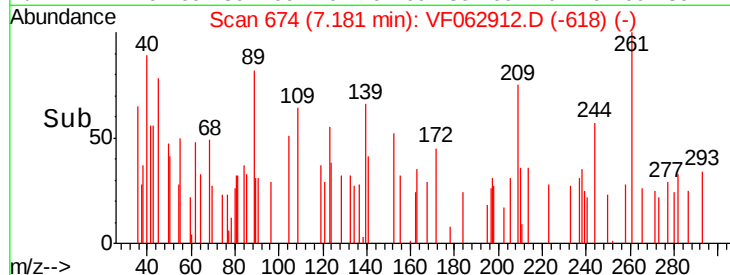
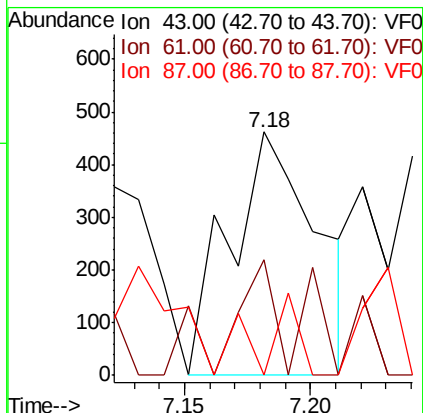
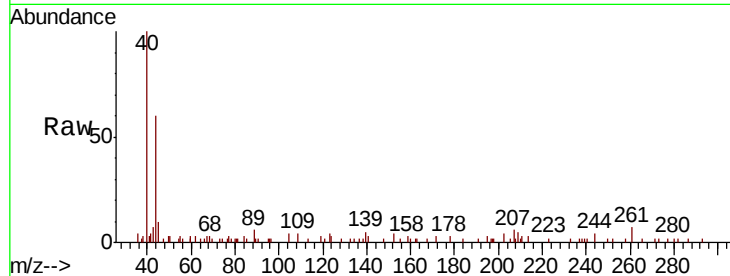


#43

Isopropyl Acetate
 Concen: 2567.457 ug/l
 RT: 7.18 min Scan# 674
 Delta R.T. 0.05 min
 Lab File: VF062912.D
 Acq: 10 Jun 2019 17:57

Instrument :
 MSVOA_F
 ClientSampleId :

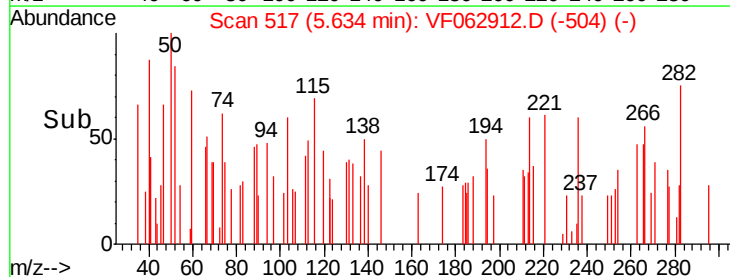
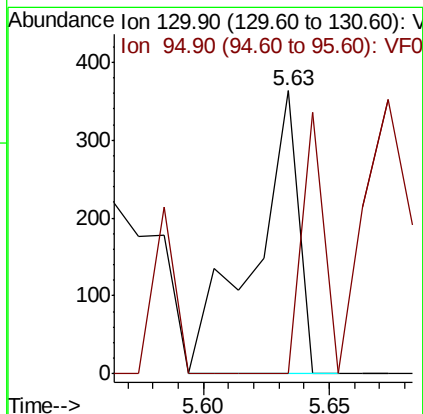
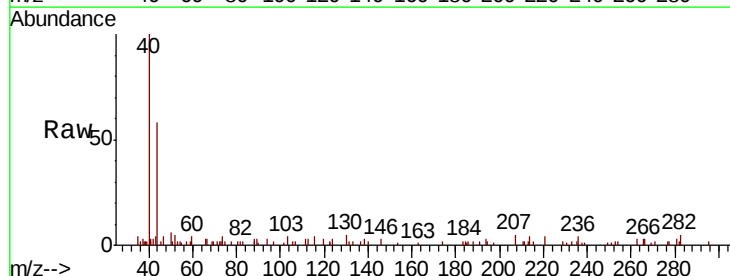
Tot Ion: 43 Resp: 1110
 Ion Ratio Lower Upper
 43 100
 61 47.6 29.8 44.6#
 87 0.0 0.3 0.5#

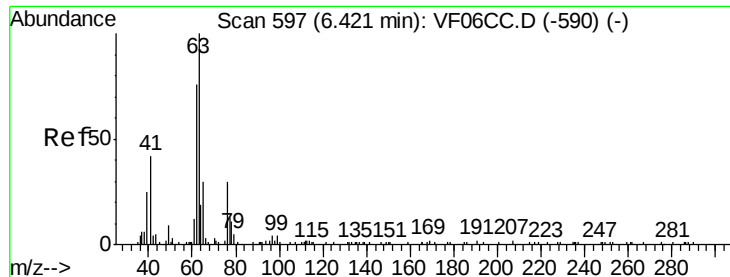


#44

Trichloroethene
 Concen: 635.650 ug/l
 RT: 5.63 min Scan# 517
 Delta R.T. -0.07 min
 Lab File: VF062912.D
 Acq: 10 Jun 2019 17:57

Tgt Ion:130 Resp: 447
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 487.778 ug/l

RT: 6.49 min Scan# 604

Delta R.T. 0.06 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

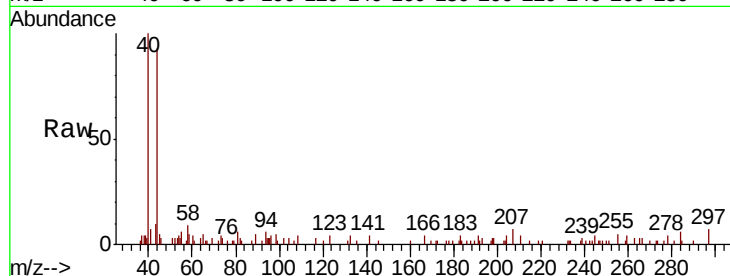
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 63 Resp: 305

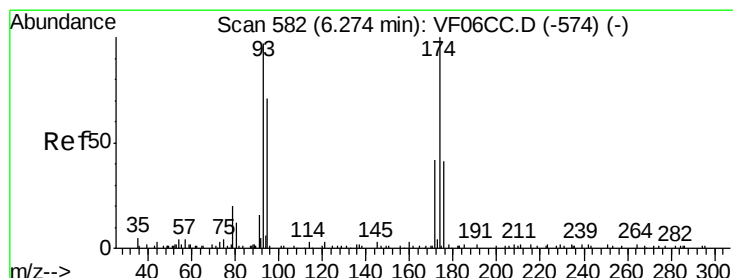
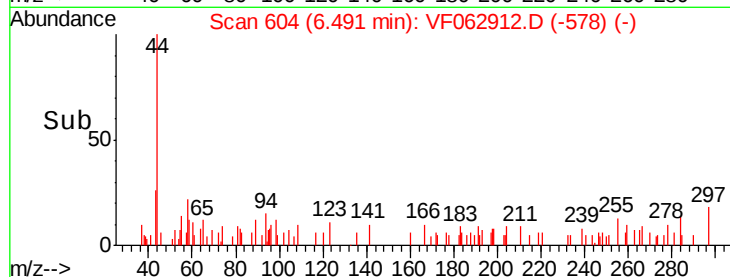
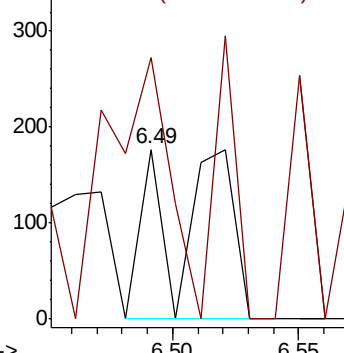
Ion Ratio Lower Upper

63 100

65 153.7 24.2 36.2#



Abundance Ion 63.00 (62.70 to 63.70): VF0
Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 498.537 ug/l

RT: 6.36 min Scan# 591

Delta R.T. 0.08 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

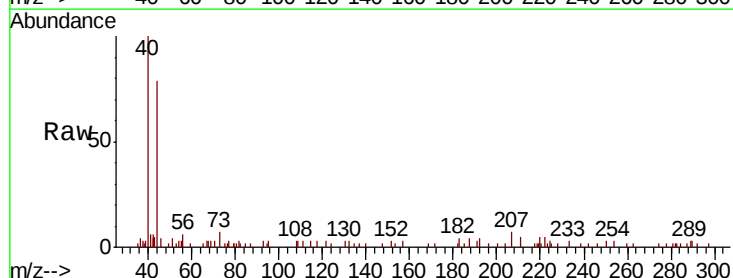
Tgt Ion: 93 Resp: 182

Ion Ratio Lower Upper

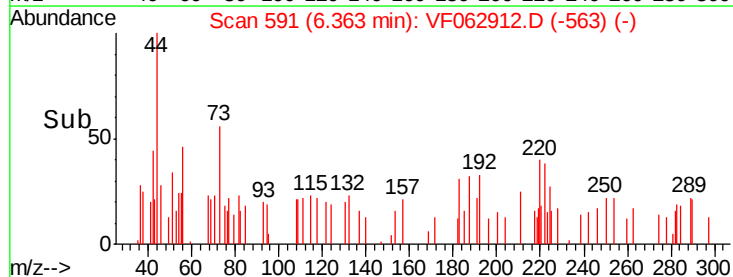
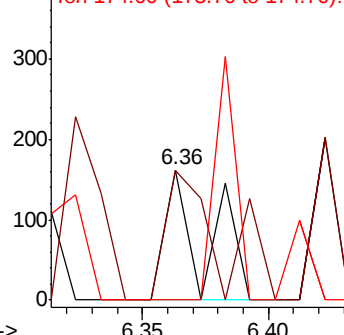
93 100

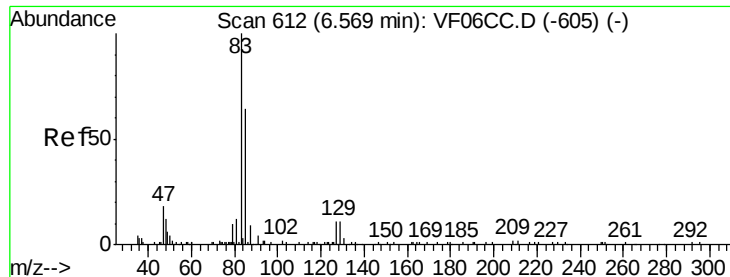
95 100.0 67.9 101.9

174 0.0 85.0 127.4#



Abundance Ion 93.00 (92.70 to 93.70): VF0
Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V



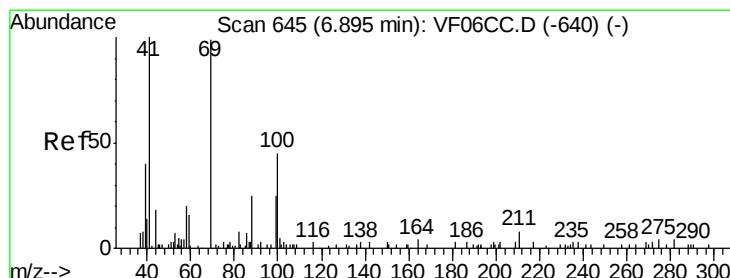
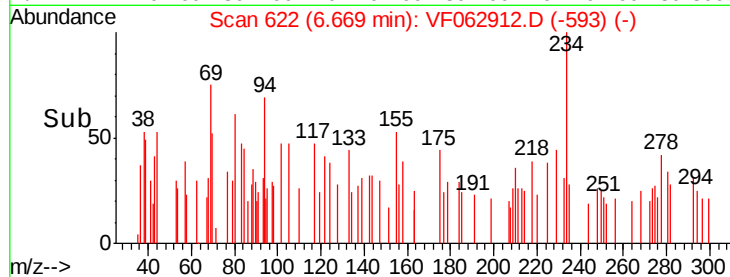
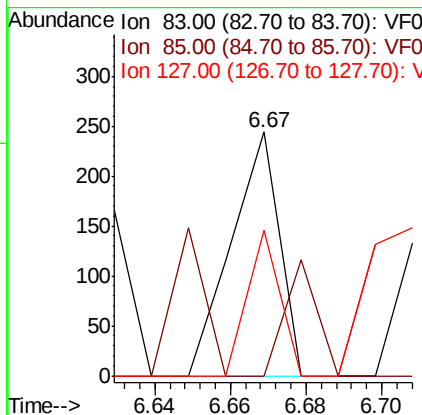
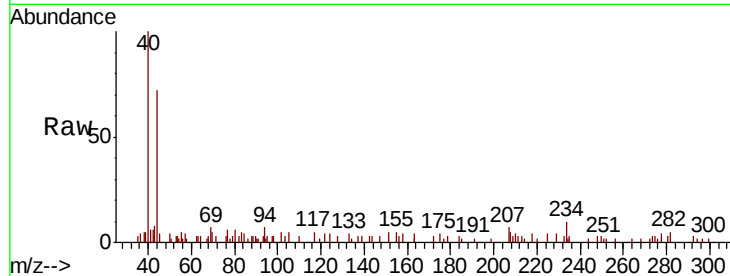


#47

Bromodichloromethane
Concen: 285.143 ug/l
RT: 6.67 min Scan# 622
Delta R.T. 0.09 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Instrument :
MSVOA_F
ClientSampled :

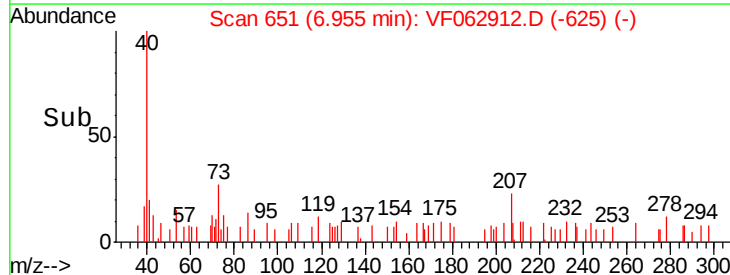
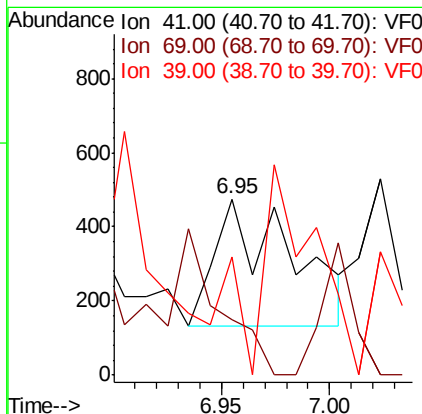
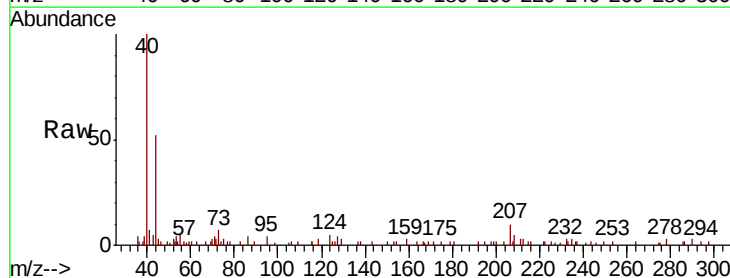
Tot Ion: 83 Resp: 212
Ion Ratio Lower Upper
83 100
85 0.0 54.2 81.4#
127 59.8 7.0 10.4#

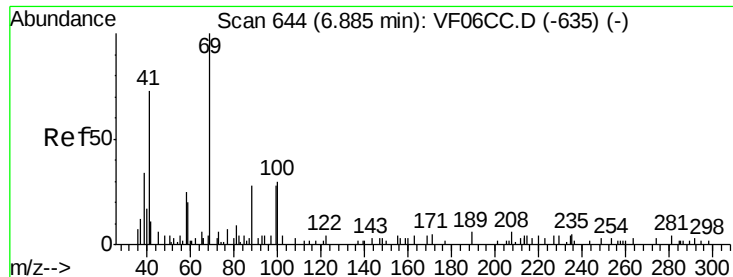


#48

Methyl methacrylate
Concen: 3796.957 ug/l
RT: 6.95 min Scan# 651
Delta R.T. 0.06 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 41 Resp: 846
Ion Ratio Lower Upper
41 100
69 31.3 79.4 119.2#
39 67.2 39.8 59.6#

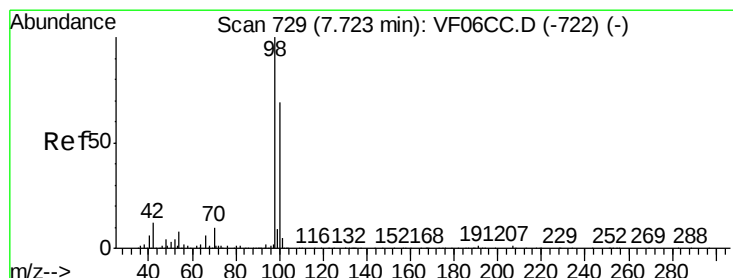
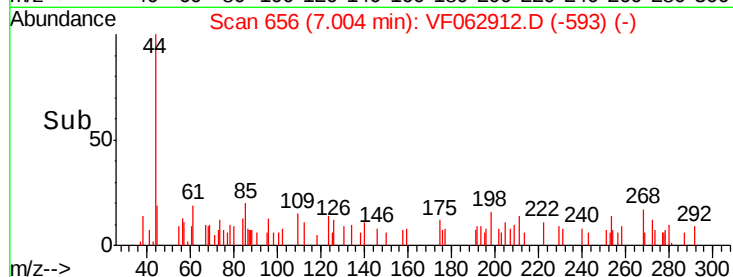
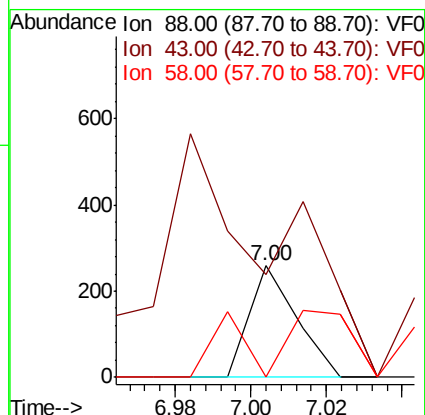
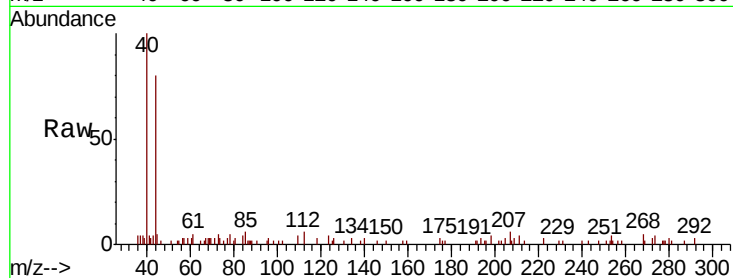




#49
1,4-Dioxane
Concen: 75249.763 ug/l
RT: 7.00 min Scan# 656
Delta R.T. 0.12 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

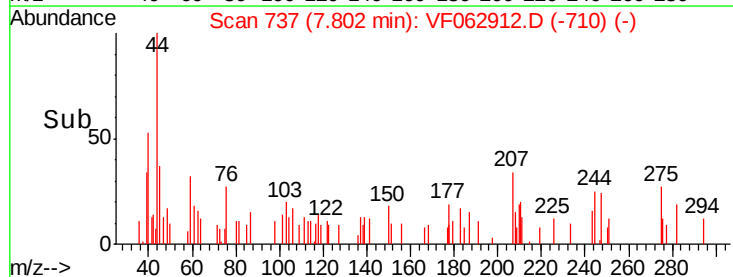
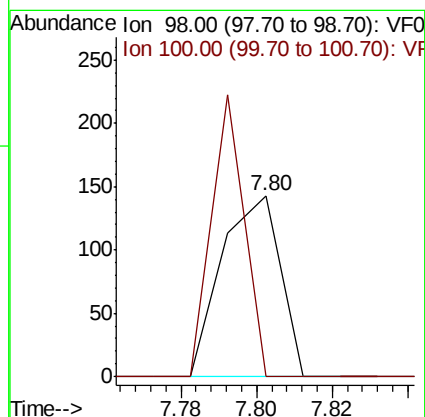
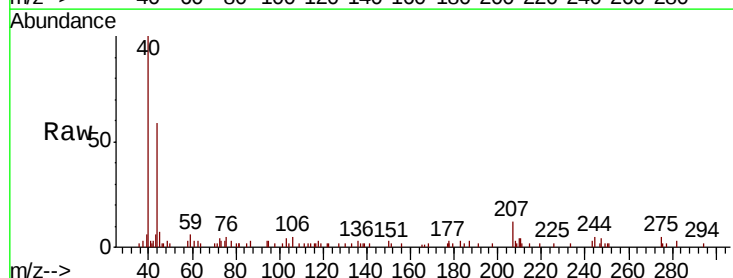
Instrument :
MSVOA_F
ClientSampleId :

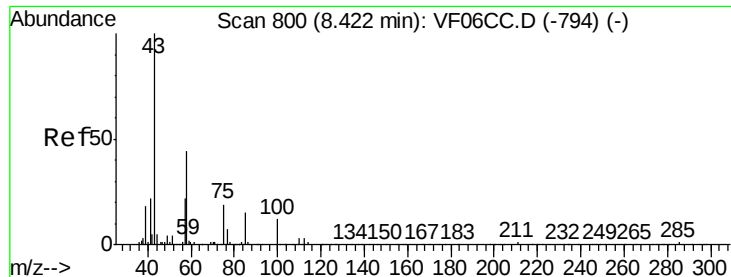
Tot Ion: 88 Resp: 221
Ion Ratio Lower Upper
88 100
43 92.3 34.8 52.2#
58 0.0 59.9 89.9#



#50
Toluene-d8
Concen: 84.969 ug/l
RT: 7.80 min Scan# 737
Delta R.T. 0.07 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 98 Resp: 151
Ion Ratio Lower Upper
98 100
100 0.0 59.8 89.8#





#51

4-Methyl-2-Pentanone

Concen: 2264.620 ug/l

RT: 8.47 min Scan# 805

Delta R.T. 0.05 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

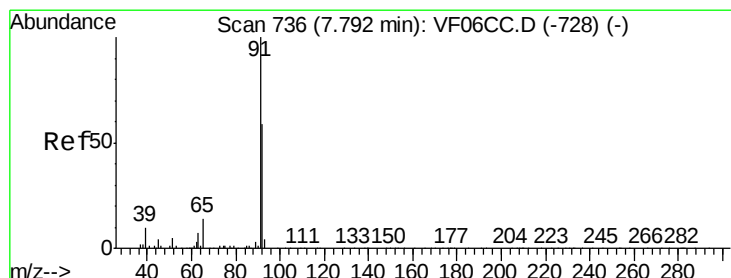
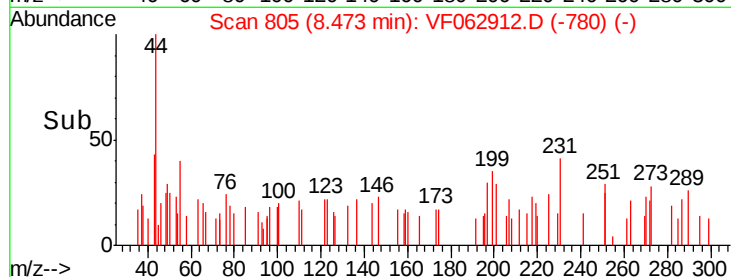
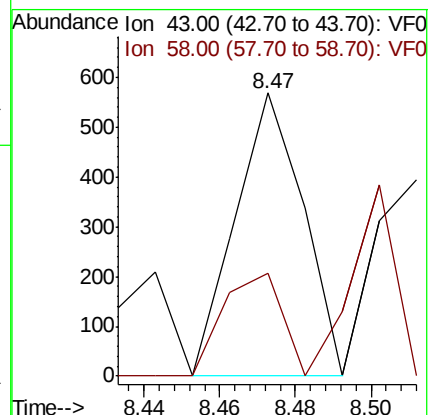
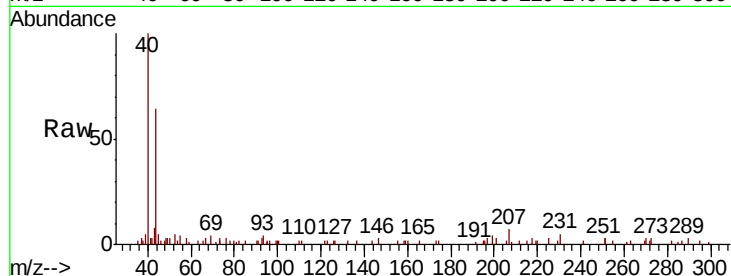
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 699

Ion Ratio Lower Upper

43 100

58 36.4 35.5 53.3



#52

Toluene

Concen: 89.415 ug/l

RT: 7.90 min Scan# 747

Delta R.T. 0.10 min

Lab File: VF062912.D

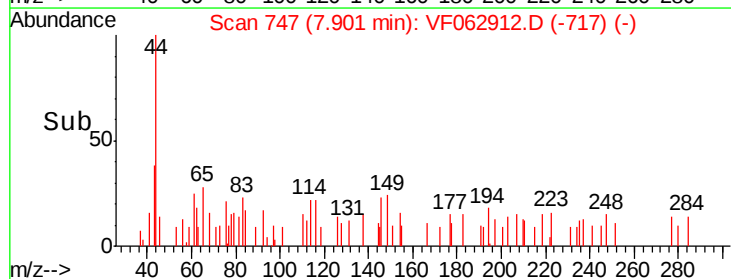
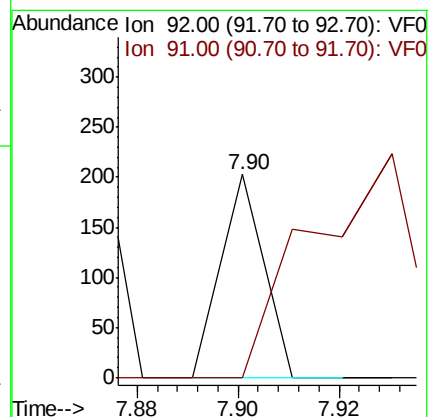
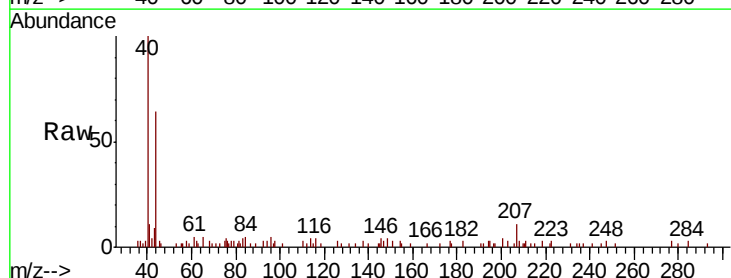
Acq: 10 Jun 2019 17:57

Tgt Ion: 92 Resp: 120

Ion Ratio Lower Upper

92 100

91 0.0 123.2 184.8#



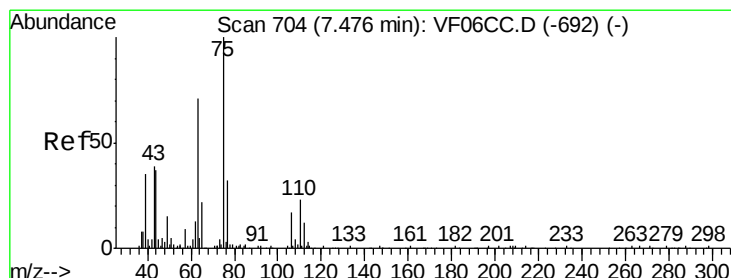
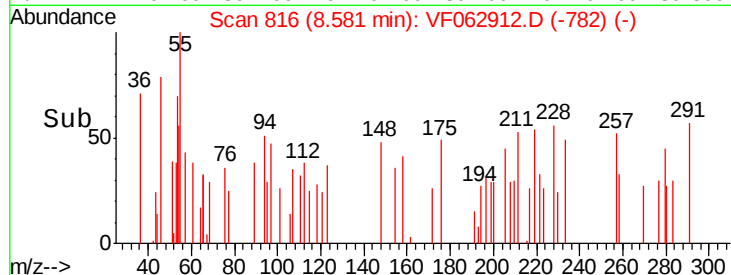
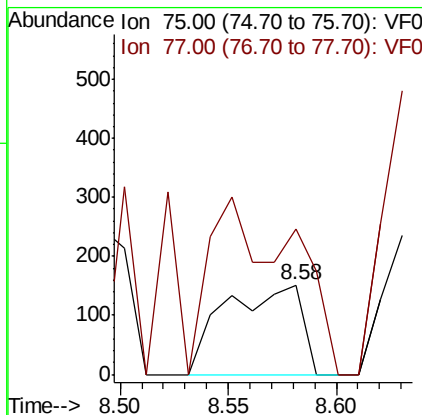
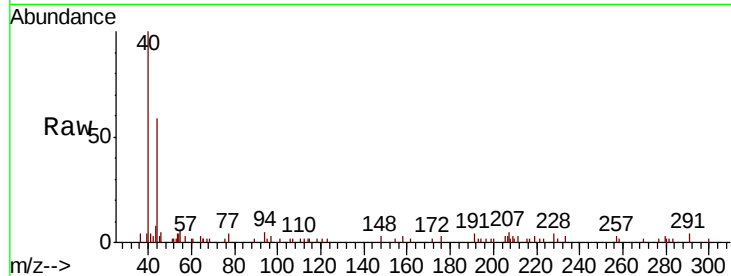


#53

t-1,3-Dichloropropene
 Concen: 603.810 ug/l
 RT: 8.58 min Scan# 816
 Delta R.T. 0.14 min
 Lab File: VF062912.D
 Acq: 10 Jun 2019 17:57

Instrument :
 MSVOA_F
 ClientSampled :

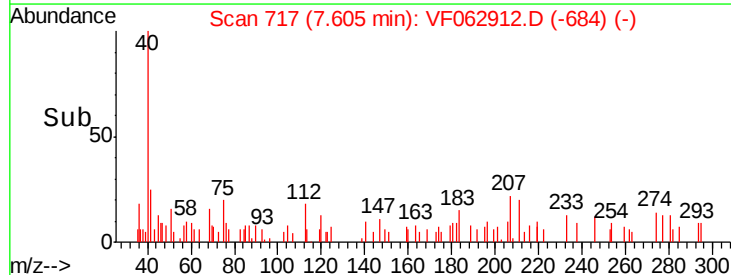
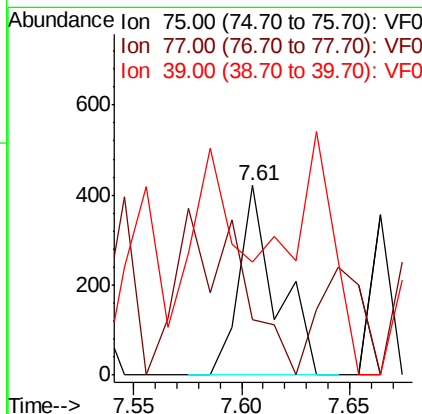
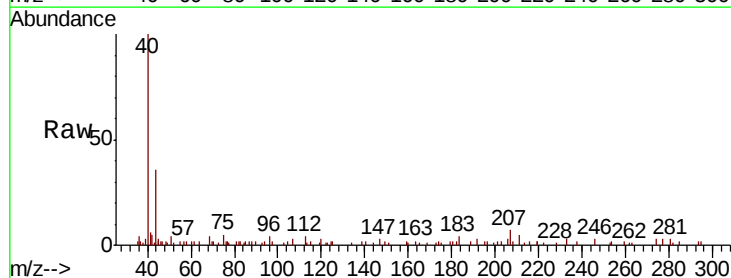
Tot Ion: 75 Resp: 372
 Ion Ratio Lower Upper
 75 100
 77 162.9 25.7 38.5#

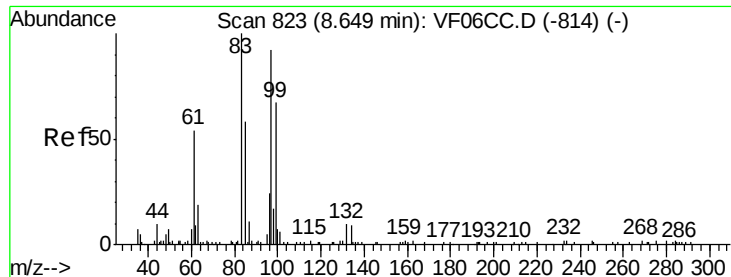


#54

cis-1,3-Dichloropropene
 Concen: 570.757 ug/l
 RT: 7.61 min Scan# 717
 Delta R.T. 0.13 min
 Lab File: VF062912.D
 Acq: 10 Jun 2019 17:57

Tgt Ion: 75 Resp: 509
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.8 38.8
 39 59.4 28.4 42.6#





#55

1,1,2-Trichloroethane

Concen: 316.756 ug/l

RT: 8.73 min Scan# 831

Delta R.T. 0.08 min

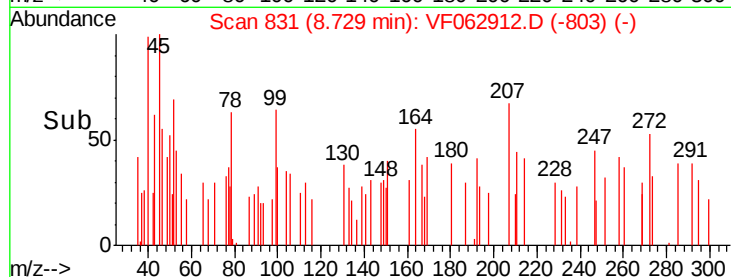
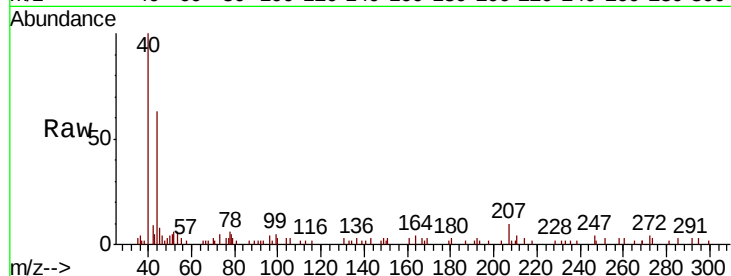
Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

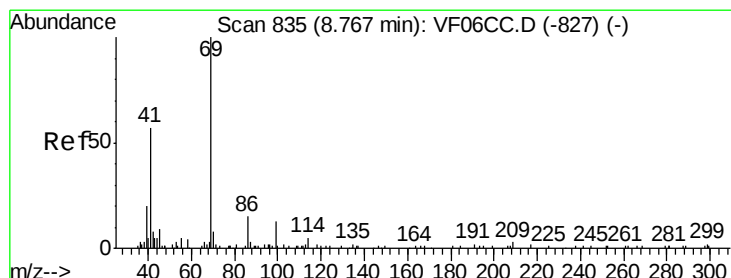
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 97 Resp: 127

Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.0	108.0#
85	0.0	47.5	71.3#
99	290.9	54.1	81.1#



Time-->



#56

Ethyl methacrylate

Concen: 699.680 ug/l

RT: 8.89 min Scan# 847

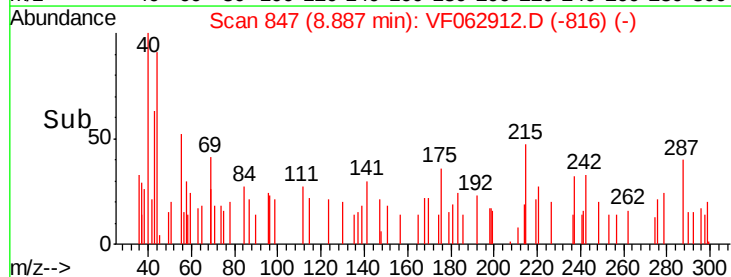
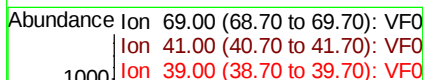
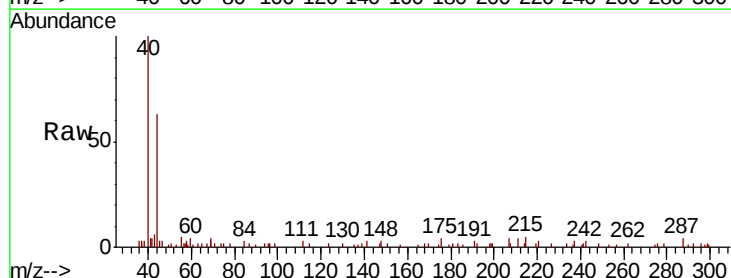
Delta R.T. 0.11 min

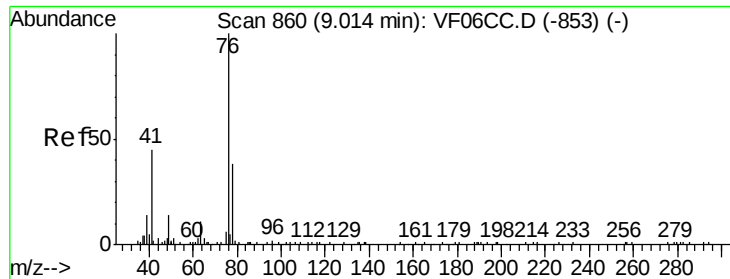
Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Tgt Ion: 69 Resp: 301

Ion	Ratio	Lower	Upper
69	100		
41	55.8	46.6	69.8
39	0.0	19.6	29.4#





#57

1,3-Dichloropropane

Concen: 1220.332 ug/l

RT: 9.07 min Scan# 866

Delta R.T. 0.06 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

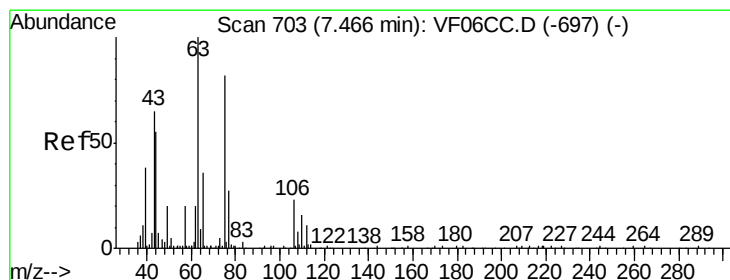
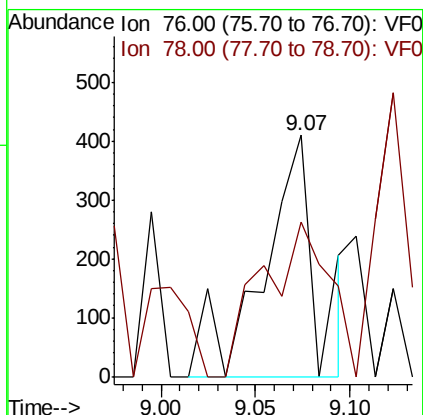
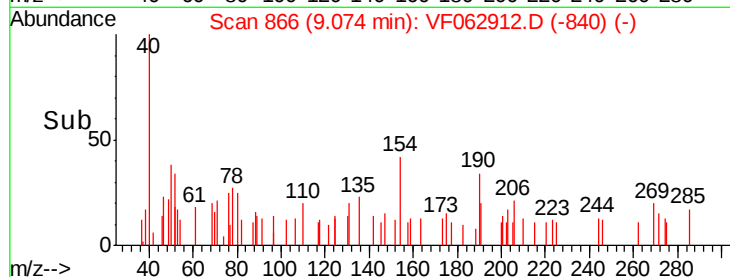
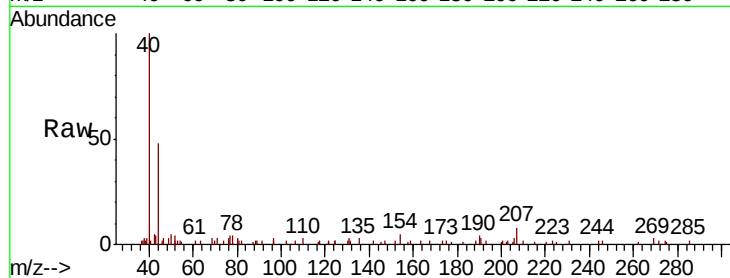
ClientSampleId :

Tot Ion: 76 Resp: 799

Ion Ratio Lower Upper

76 100

78 64.1 26.8 40.2#



#58

2-Chloroethyl Vinyl ether

Concen: 1582.985 ug/l

RT: 7.58 min Scan# 714

Delta R.T. 0.11 min

Lab File: VF062912.D

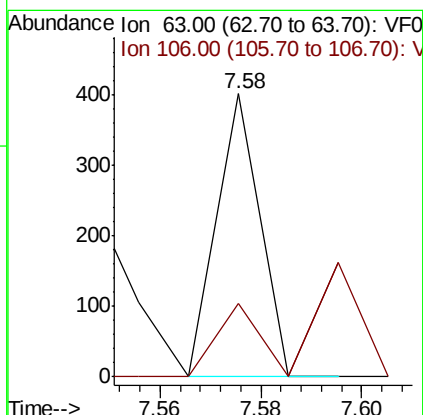
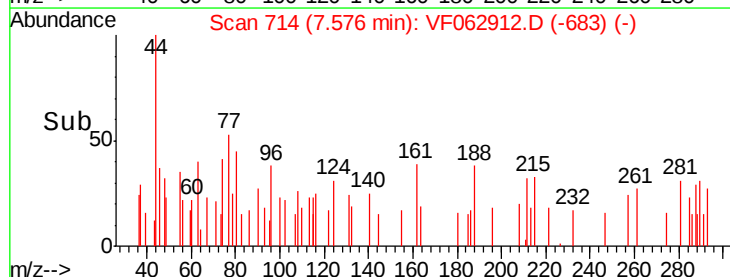
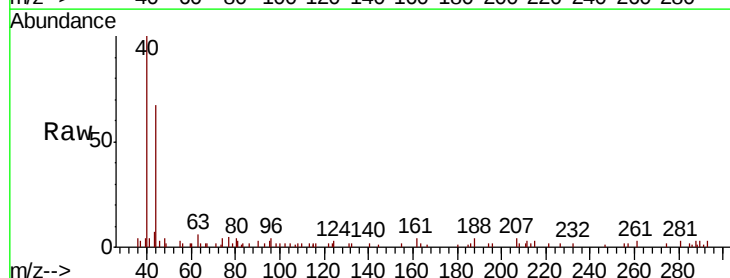
Acq: 10 Jun 2019 17:57

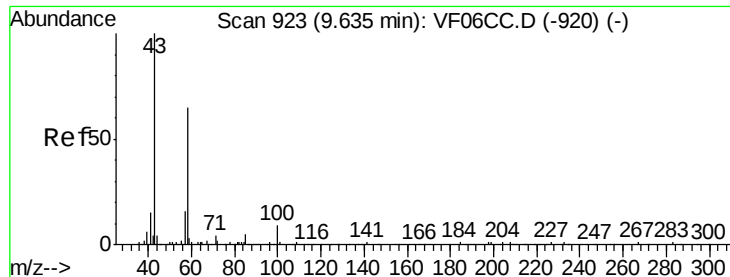
Tgt Ion: 63 Resp: 238

Ion Ratio Lower Upper

63 100

106 26.1 19.5 29.3

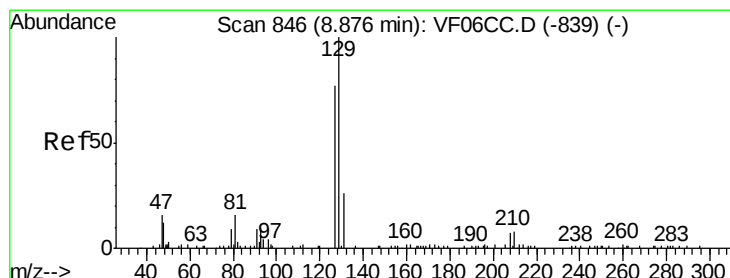
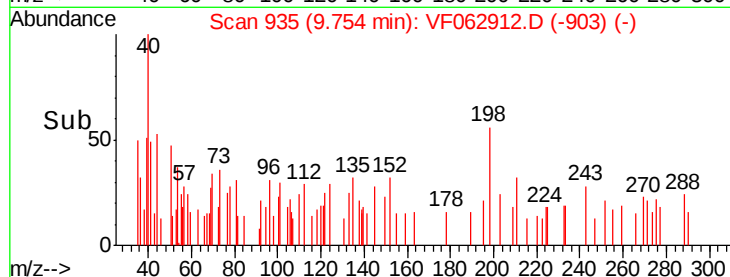
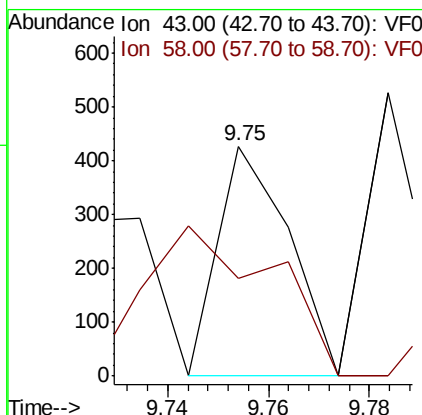
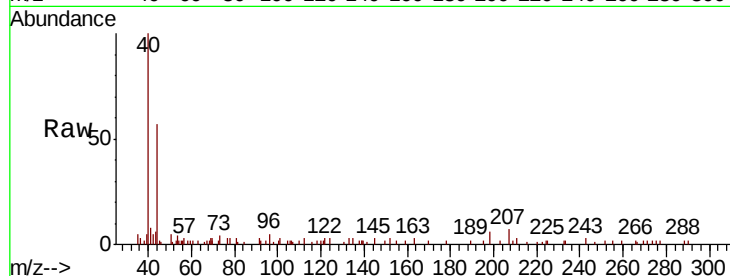




#59
2-Hexanone
Concen: 1895.423 ug/l
RT: 9.75 min Scan# 935
Delta R.T. 0.12 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

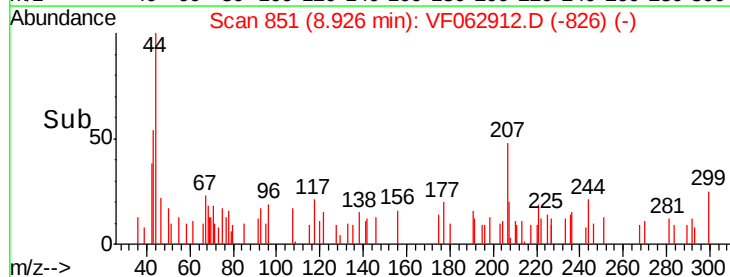
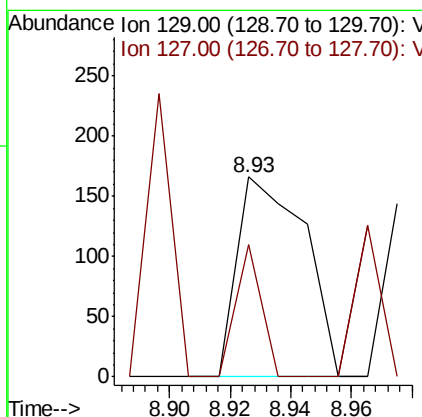
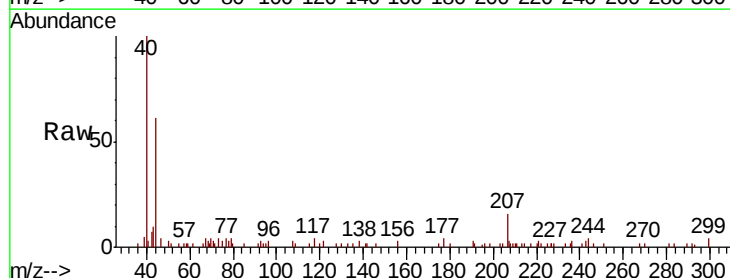
Instrument :
MSVOA_F
ClientSampleId :

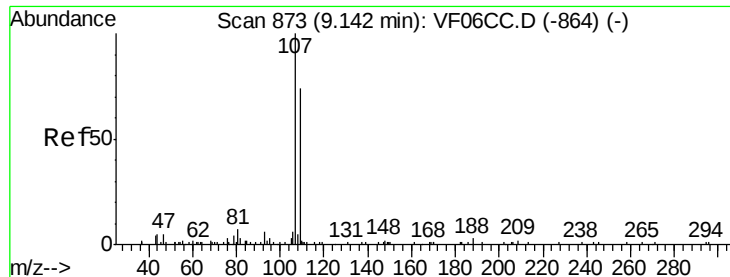
Tot Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
58 42.6 29.3 87.9



#60
Dibromochloromethane
Concen: 519.756 ug/l
RT: 8.93 min Scan# 851
Delta R.T. 0.05 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion:129 Resp: 258
Ion Ratio Lower Upper
129 100
127 66.3 37.1 111.3





#61

1,2-Dibromoethane

Concen: 192.123 ug/l

RT: 9.39 min Scan# 898

Delta R.T. 0.24 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

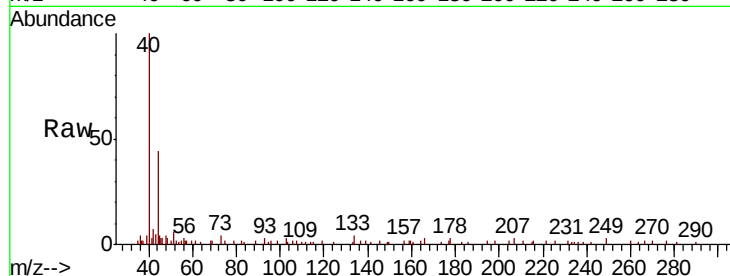
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 107 Resp: 80

Ion Ratio Lower Upper

107 100

109 87.4 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.39

150

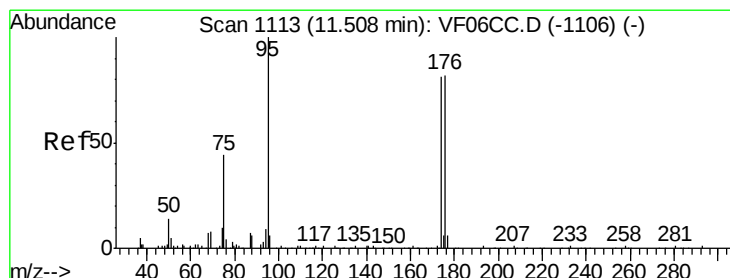
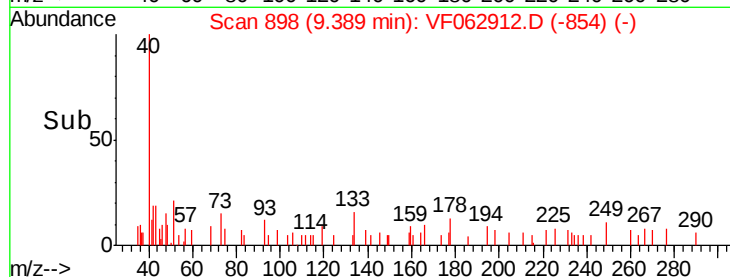
100

50

0

9.38 9.40

Time-->



#62

4-Bromofluorobenzene

Concen: 314.433 ug/l

RT: 11.65 min Scan# 1127

Delta R.T. 0.14 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

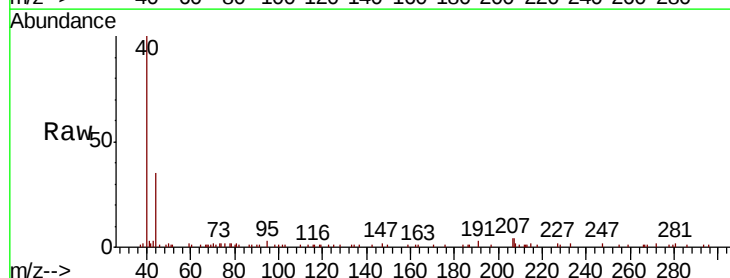
Tgt Ion: 95 Resp: 201

Ion Ratio Lower Upper

95 100

174 0.0 0.0 170.6

176 35.0 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.65

400

300

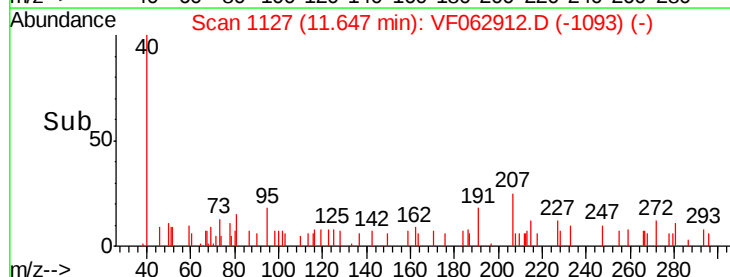
200

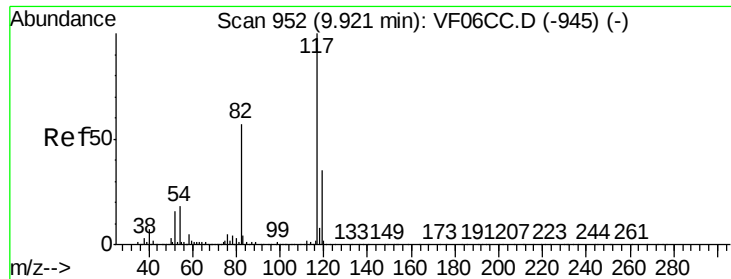
100

0

11.62 11.64 11.66

Time-->

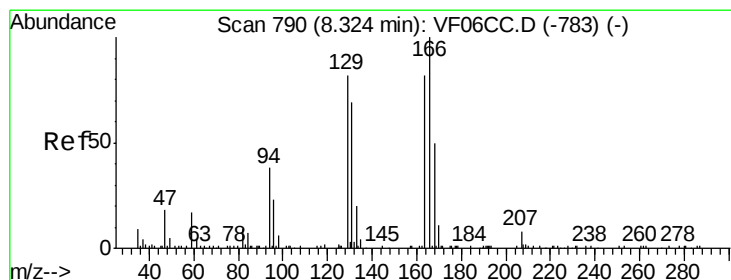
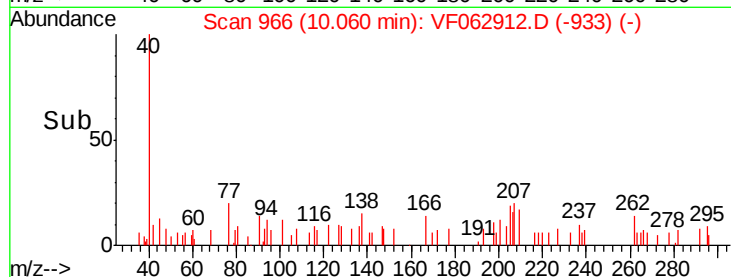
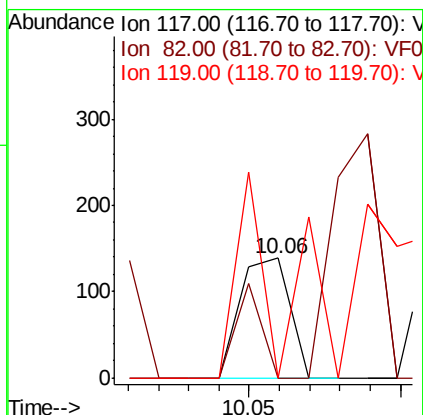
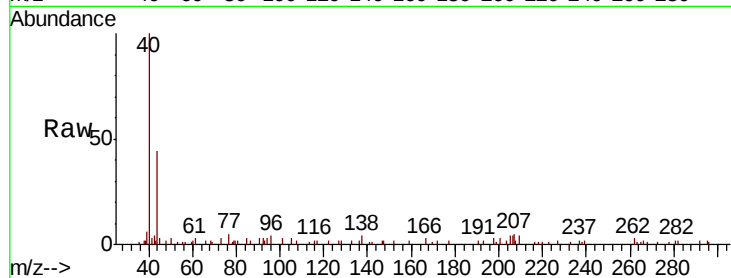




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.06 min Scan# 966
Delta R.T. 0.13 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

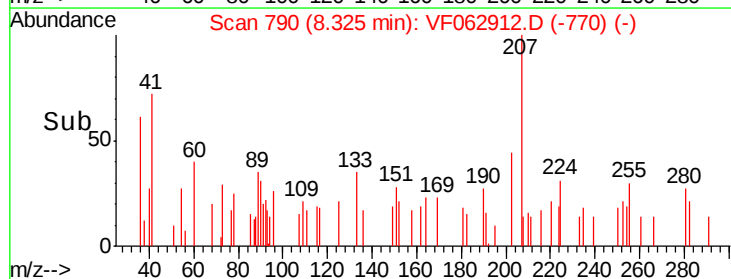
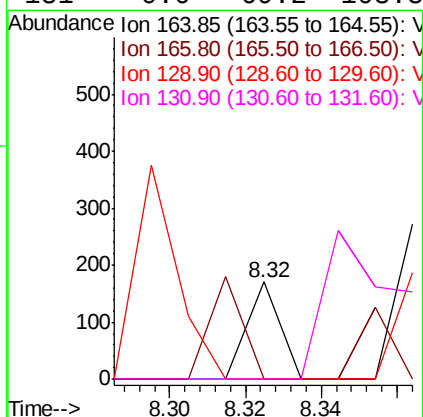
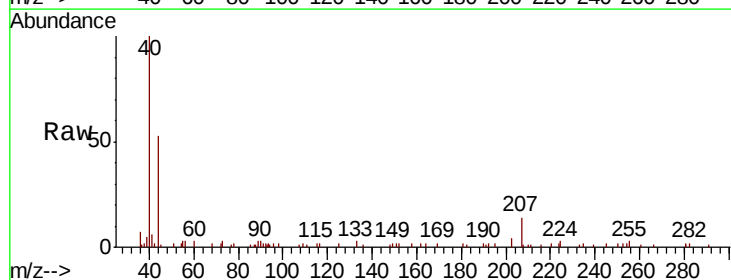
Instrument :
MSVOA_F
ClientSampled :

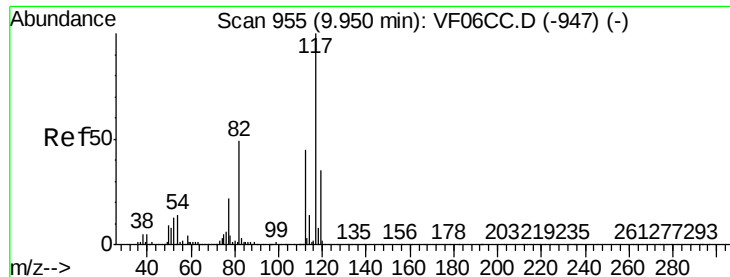
Tot Ion:117 Resp: 158
Ion Ratio Lower Upper
117 100
82 0.0 42.4 63.6#
119 0.0 27.1 40.7#



#64
Tetrachloroethene
Concen: 83.187 ug/l
RT: 8.32 min Scan# 790
Delta R.T. -0.00 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion:164 Resp: 101
Ion Ratio Lower Upper
164 100
166 0.0 99.1 148.7#
129 0.0 69.5 104.3#
131 0.0 69.2 103.8#





#65

Chlorobenzene

Concen: 20.320 ug/l

RT: 9.94 min Scan# 954

Delta R.T. -0.01 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

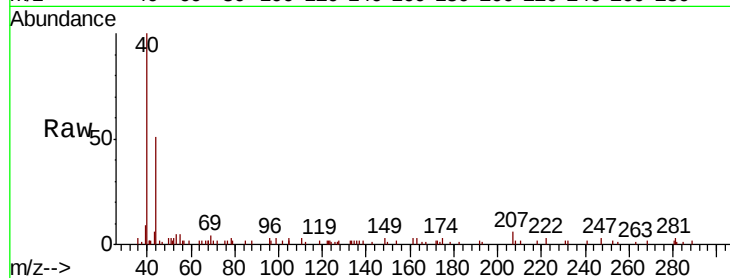
ClientSampleId :

Tot Ion:112 Resp: 62

Ion Ratio Lower Upper

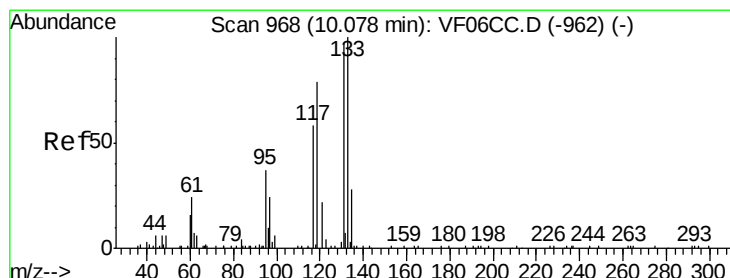
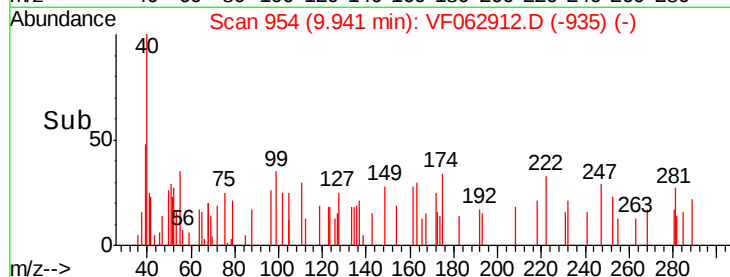
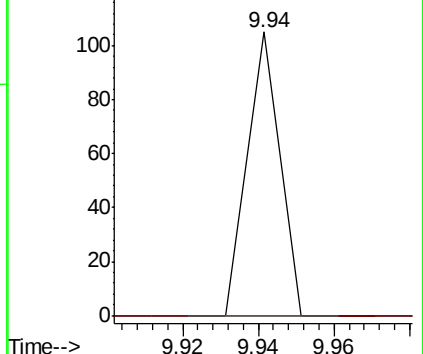
112 100

114 0.0 27.4 41.0#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 111.095 ug/l

RT: 10.09 min Scan# 969

Delta R.T. 0.01 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

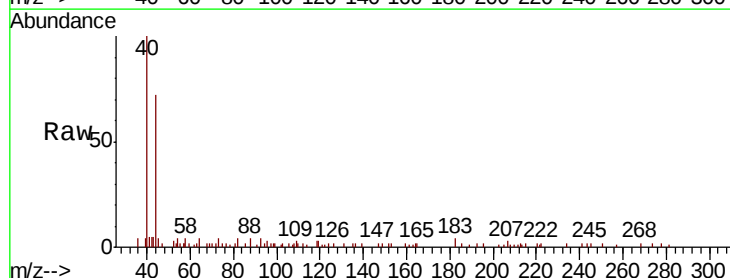
Tgt Ion:131 Resp: 135

Ion Ratio Lower Upper

131 100

133 0.0 48.9 146.7#

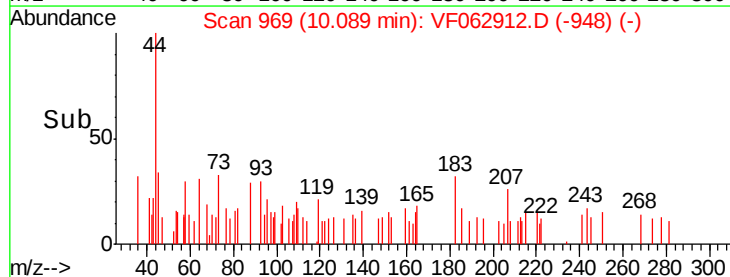
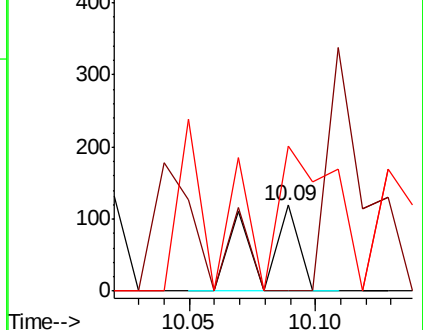
119 169.7 38.0 114.0#

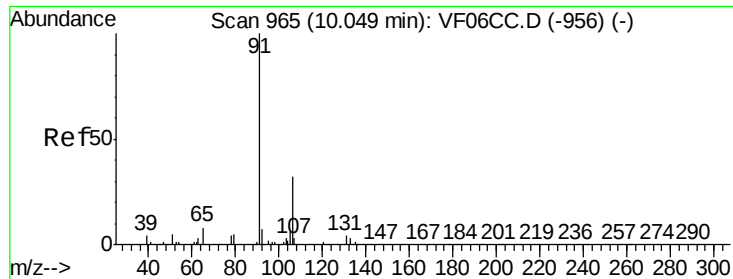


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

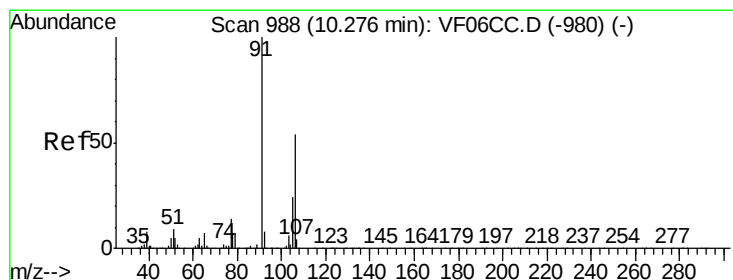
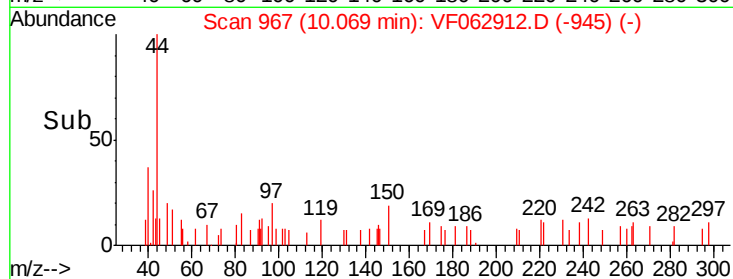
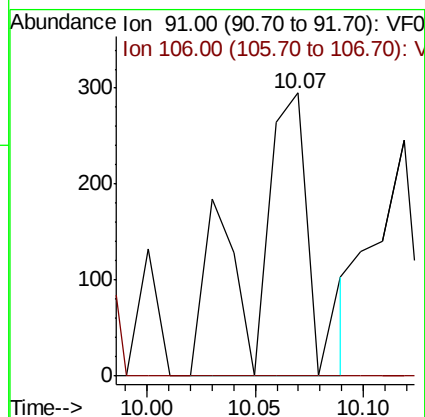
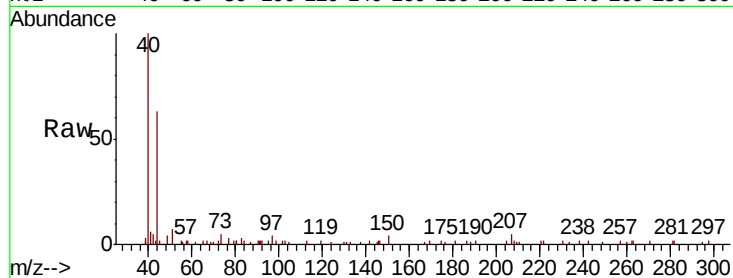




#67
Ethyl Benzene
Concen: 110.198 ug/l
RT: 10.07 min Scan# 967
Delta R.T. 0.02 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

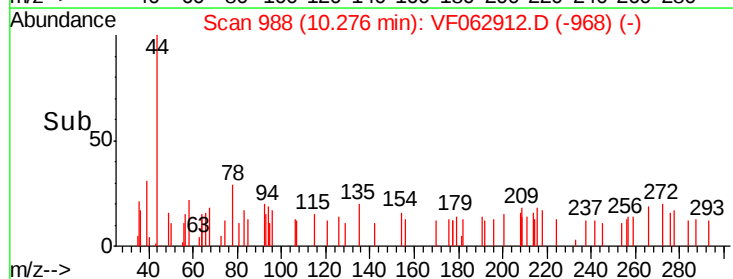
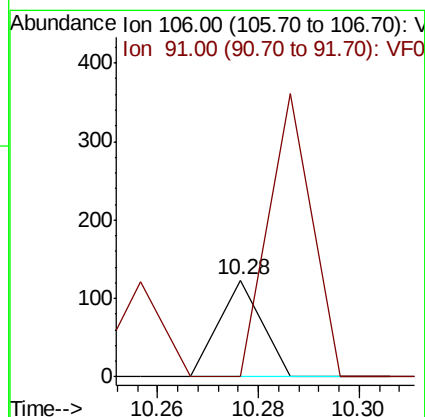
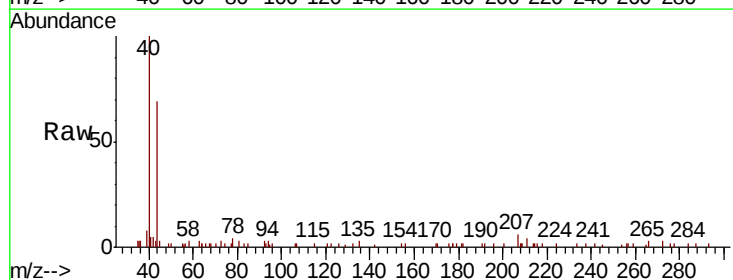
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 91 Resp: 577
Ion Ratio Lower Upper
91 100
106 0.0 26.0 39.0#



#68
m/p-Xylenes
Concen: 36.434 ug/l
RT: 10.28 min Scan# 988
Delta R.T. -0.00 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion: 106 Resp: 73
Ion Ratio Lower Upper
106 100
91 0.0 136.2 204.4#

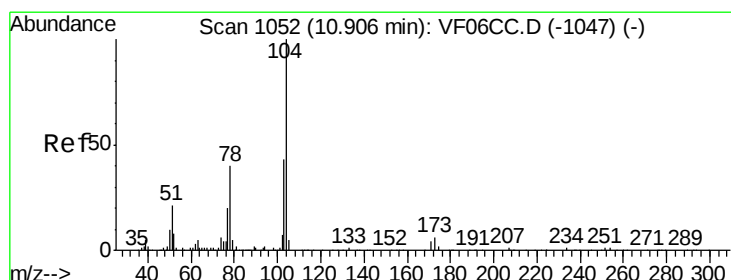
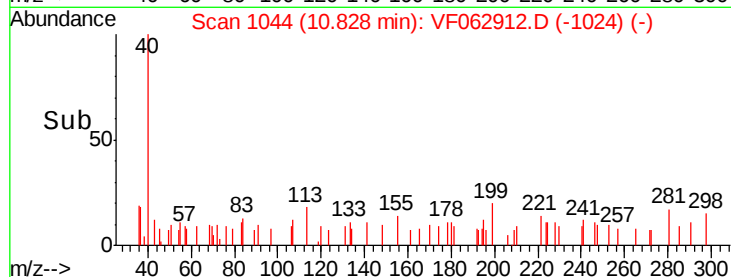
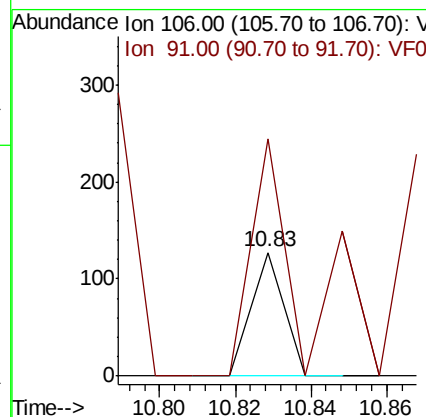
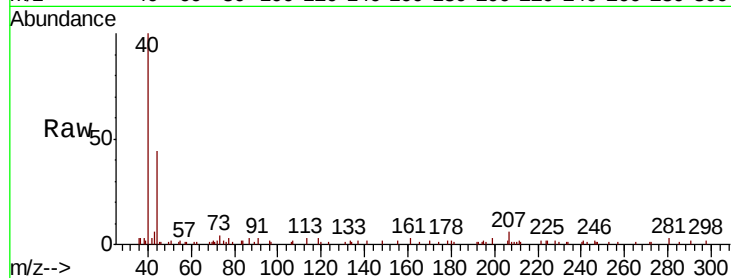




#69
o-Xylene
Concen: 36.971 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

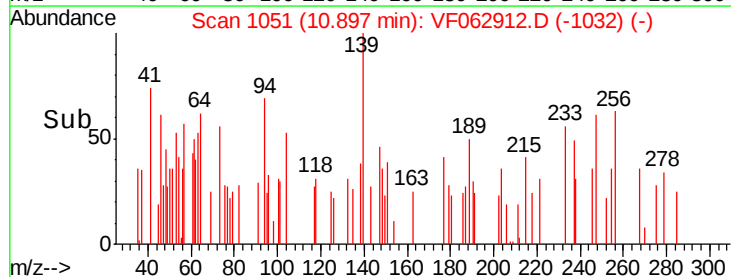
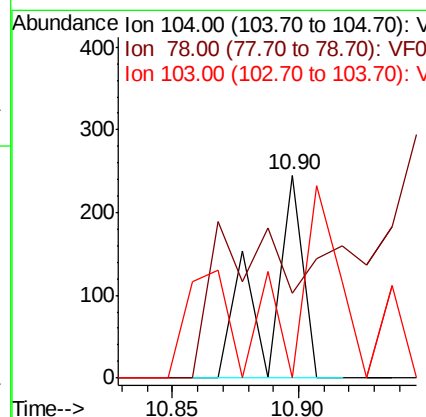
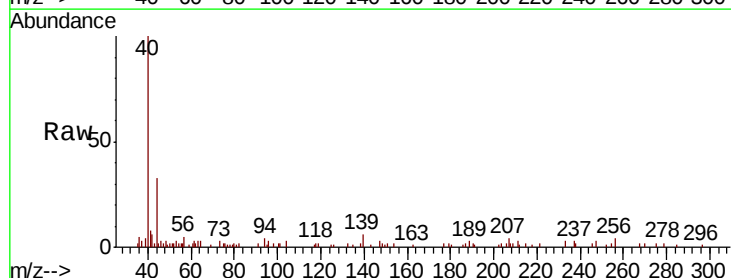
Instrument :
MSVOA_F
ClientSampleId :

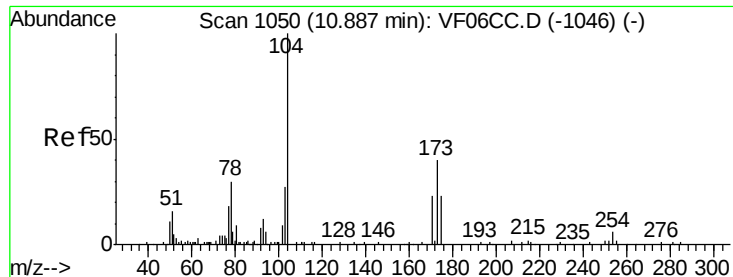
Tot Ion:106 Resp: 75
Ion Ratio Lower Upper
106 100
91 192.1 96.6 289.8



#70
Styrene
Concen: 78.928 ug/l
RT: 10.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VF062912.D
Acq: 10 Jun 2019 17:57

Tgt Ion:104 Resp: 236
Ion Ratio Lower Upper
104 100
78 42.0 30.8 46.2
103 0.0 35.8 53.6#





#71

Bromoform

Concen: 102.926 ug/l

RT: 10.92 min Scan# 1053

Delta R.T. 0.02 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

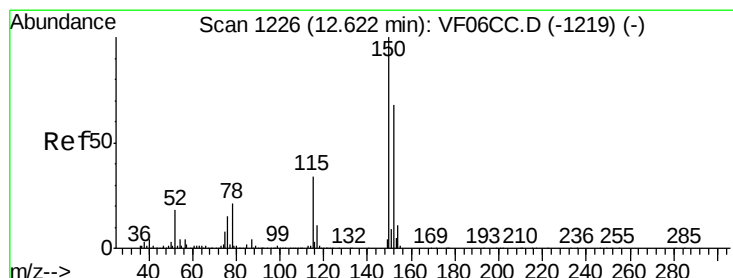
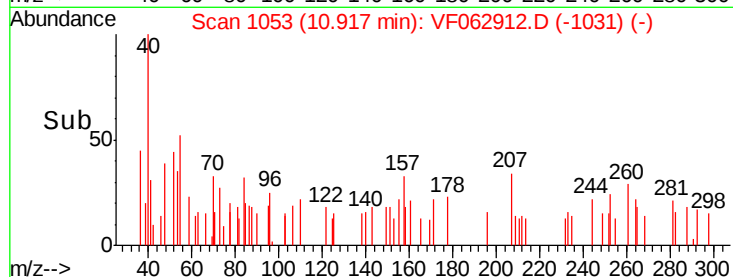
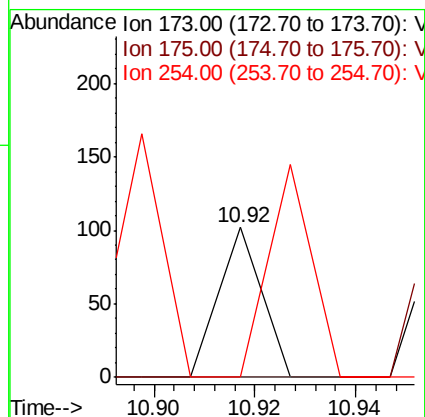
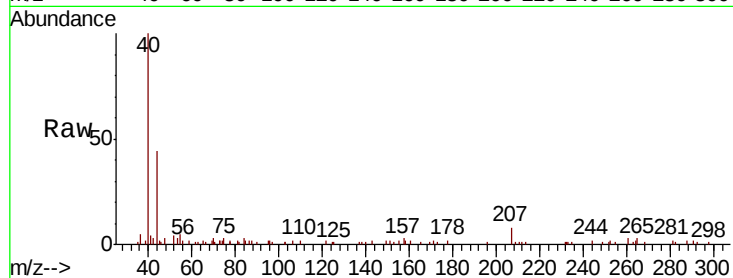
Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:173 Resp: 60

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	74.0#
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.50 min Scan# 1214

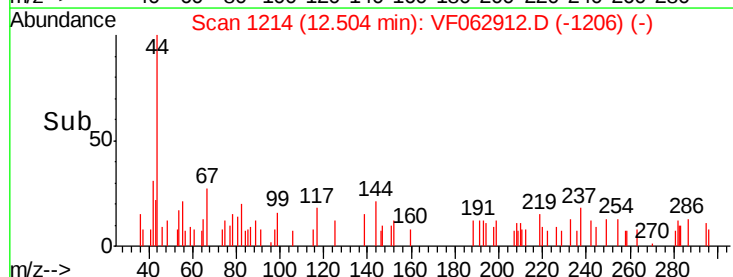
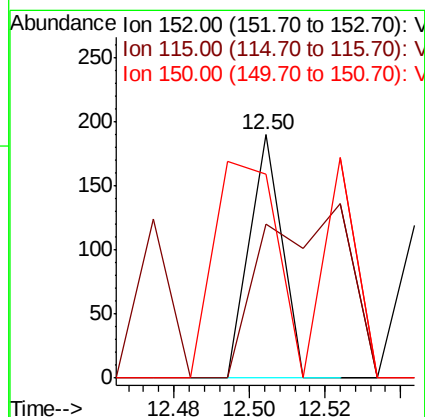
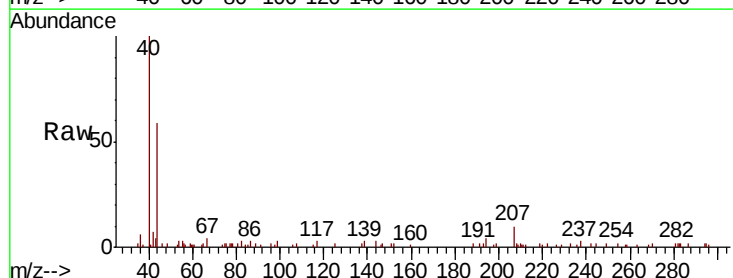
Delta R.T. -0.12 min

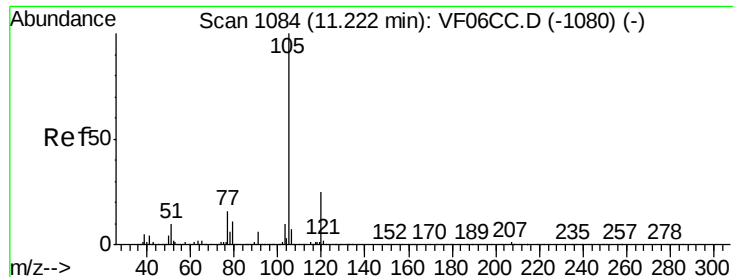
Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Tgt Ion:152 Resp: 112

Ion	Ratio	Lower	Upper
152	100		
115	63.2	24.6	74.0
150	83.7	0.0	290.6





#73

Isopropylbenzene

Concen: 17.659 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

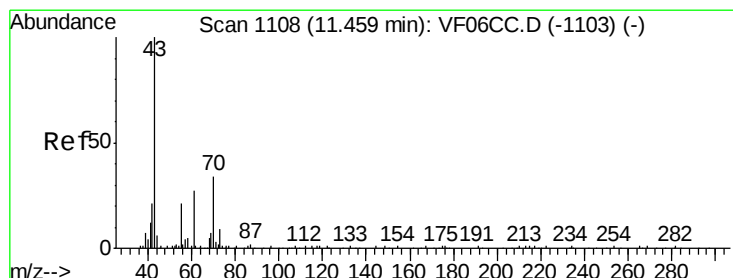
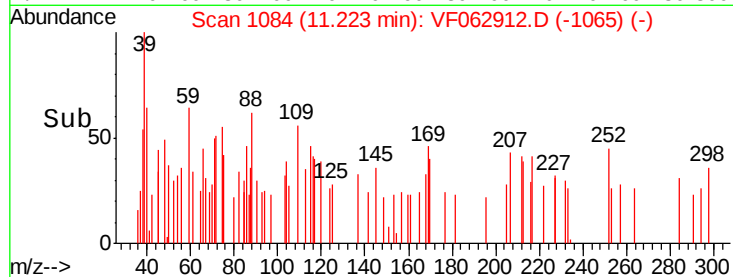
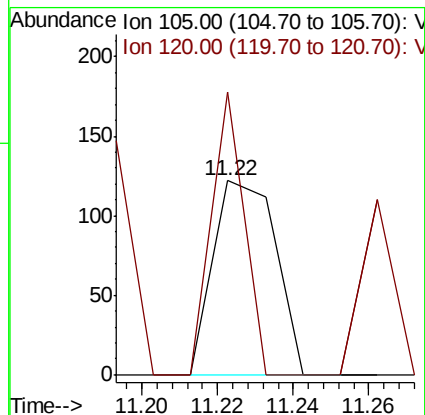
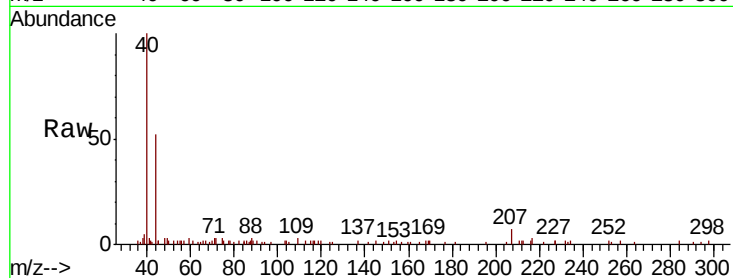
ClientSampleId :

Tot Ion:105 Resp: 138

Ion Ratio Lower Upper

105 100

120 145.9 15.1 45.3#



#74

N-ethyl acetate

Concen: 834.477 ug/l

RT: 11.48 min Scan# 1110

Delta R.T. 0.02 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Tgt Ion: 43 Resp: 1838

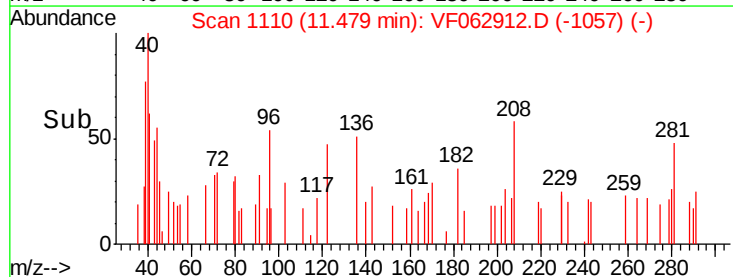
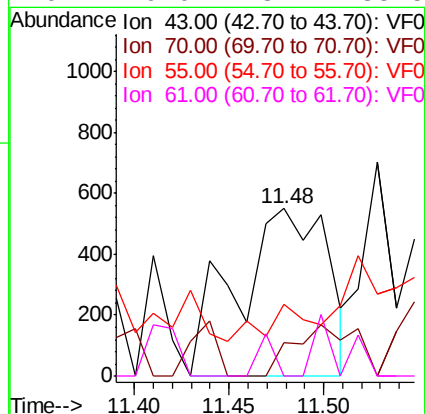
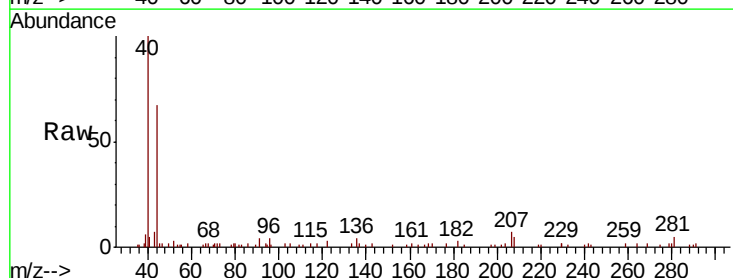
Ion Ratio Lower Upper

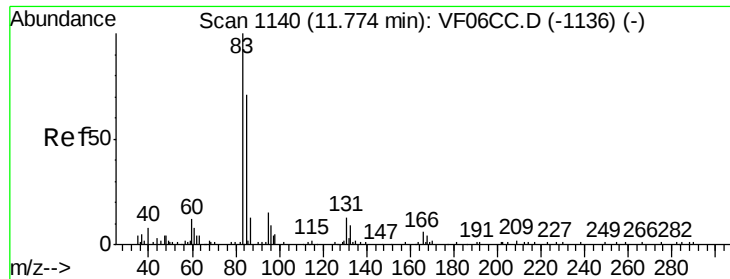
43 100

70 19.8 32.9 49.3#

55 42.9 17.3 25.9#

61 0.0 23.7 35.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 59.321 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

ClientSampleId :

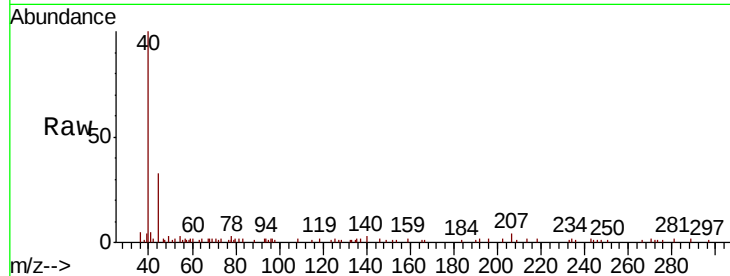
Tot Ion: 83 Resp: 99

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

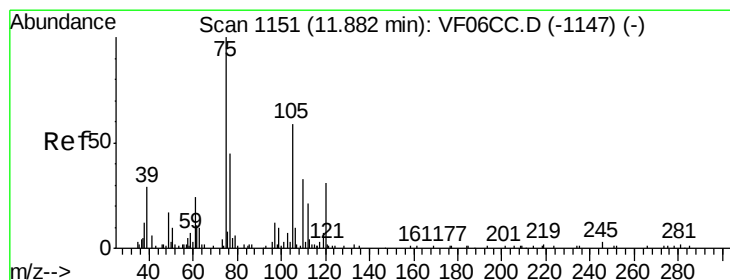
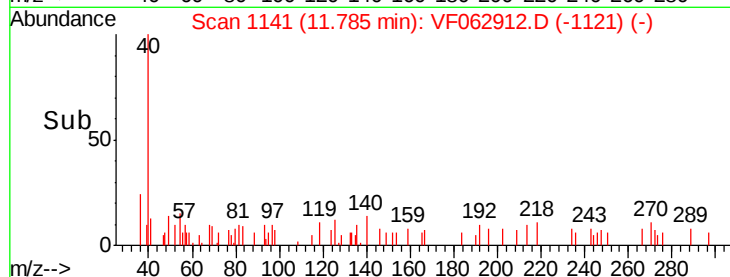
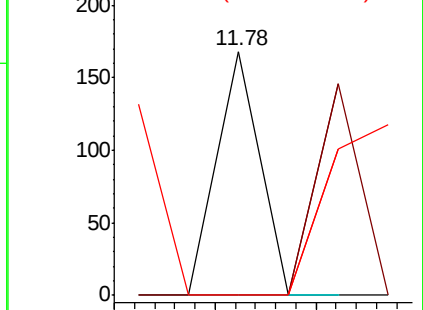
85 0.0 32.1 96.5#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 182.601 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.03 min

Lab File: VF062912.D

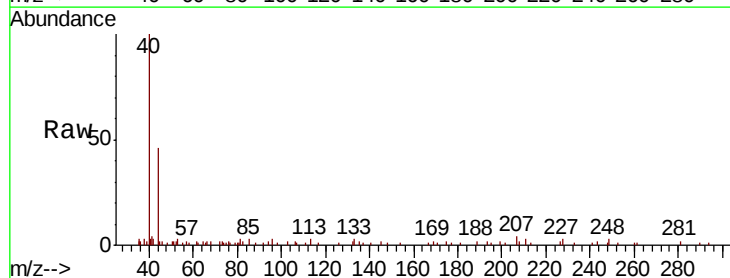
Acq: 10 Jun 2019 17:57

Tgt Ion: 75 Resp: 202

Ion Ratio Lower Upper

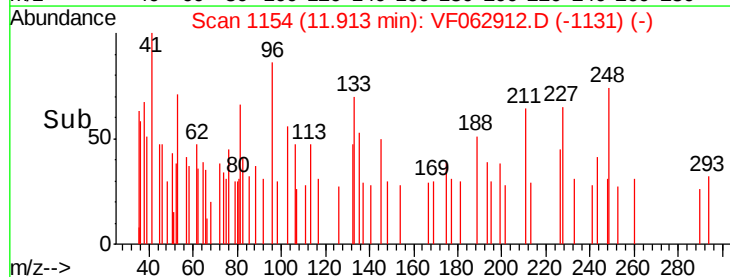
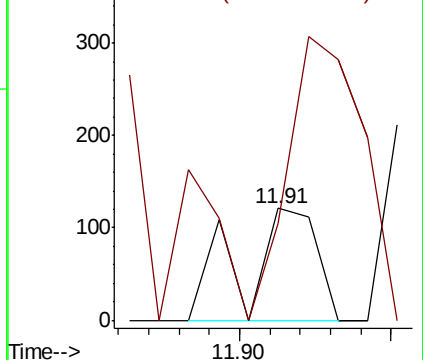
75 100

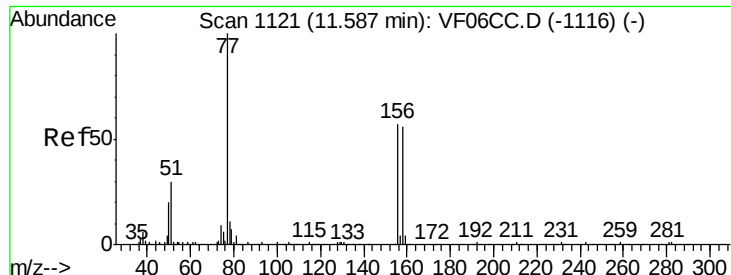
77 86.8 20.1 60.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 104.402 ug/l

RT: 11.75 min Scan# 1137

Delta R.T. 0.15 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

ClientSampled :

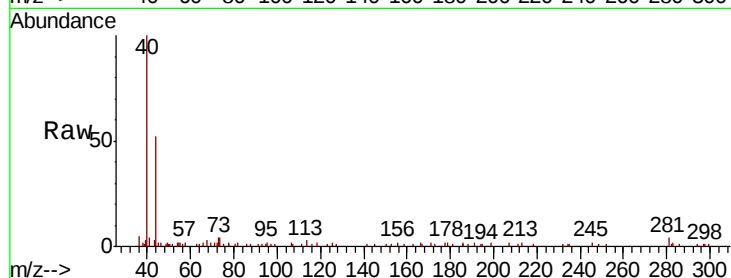
Tot Ion:156 Resp: 205

Ion Ratio Lower Upper

156 100

77 105.1 64.2 192.6

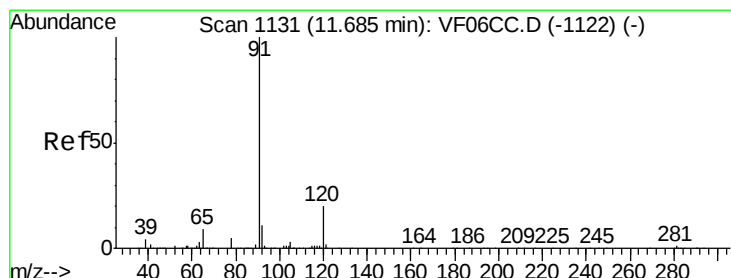
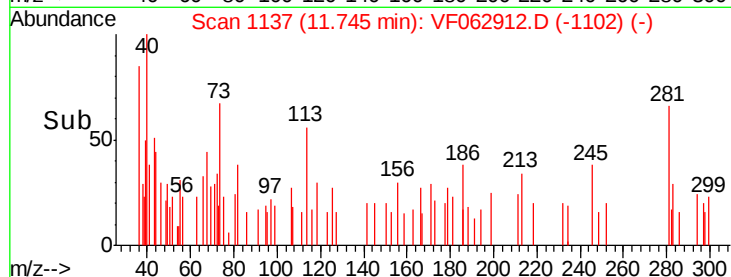
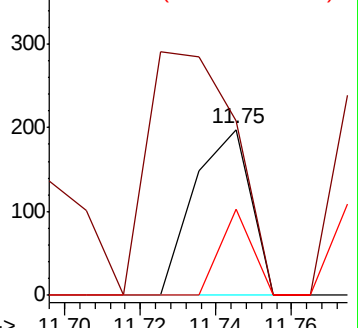
158 51.5 50.3 151.0



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: 50.975 ug/l

RT: 11.59 min Scan# 1121

Delta R.T. -0.10 min

Lab File: VF062912.D

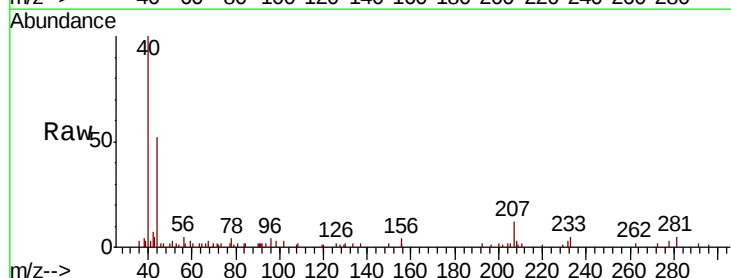
Acq: 10 Jun 2019 17:57

Tgt Ion: 91 Resp: 481

Ion Ratio Lower Upper

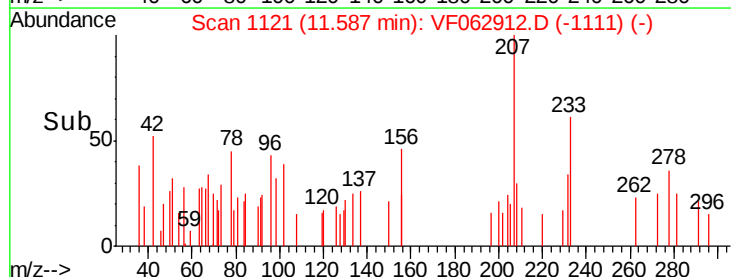
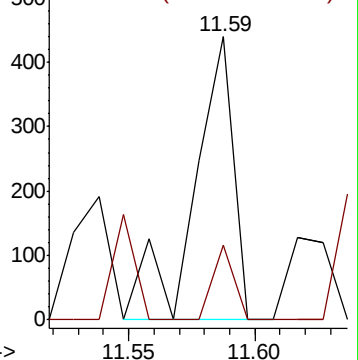
91 100

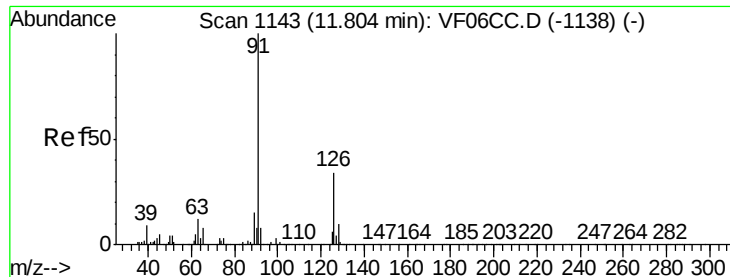
120 26.7 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.377 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

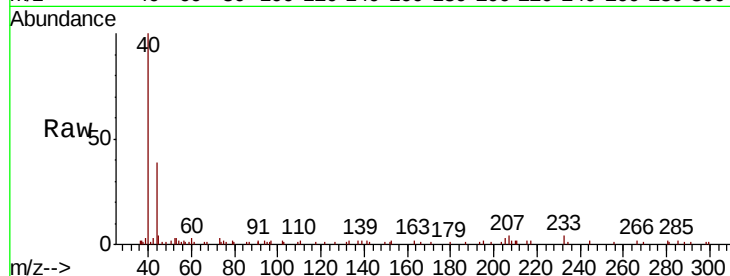
ClientSampleId :

Tot Ion: 91 Resp: 245

Ion Ratio Lower Upper

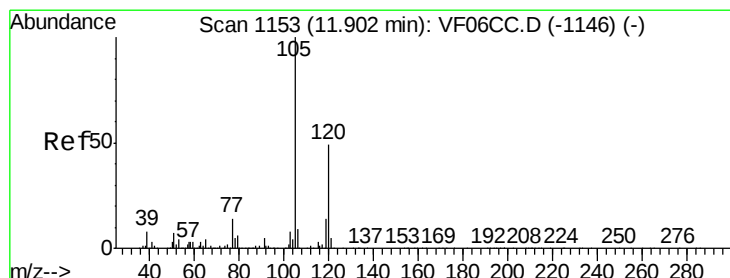
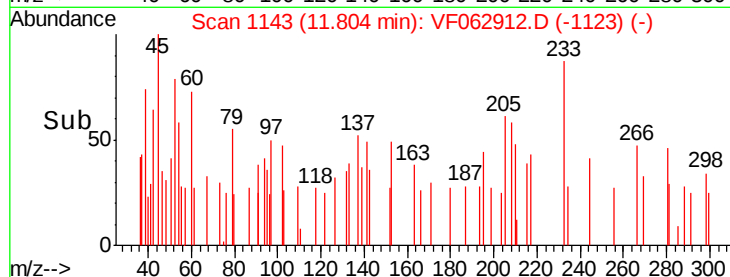
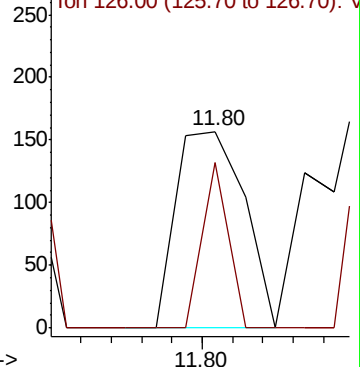
91 100

126 84.1 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 9.701 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VF062912.D

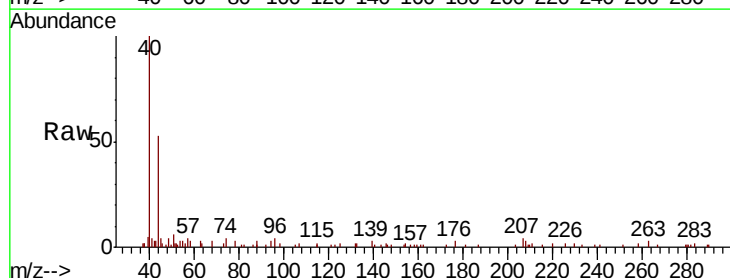
Acq: 10 Jun 2019 17:57

Tgt Ion: 105 Resp: 62

Ion Ratio Lower Upper

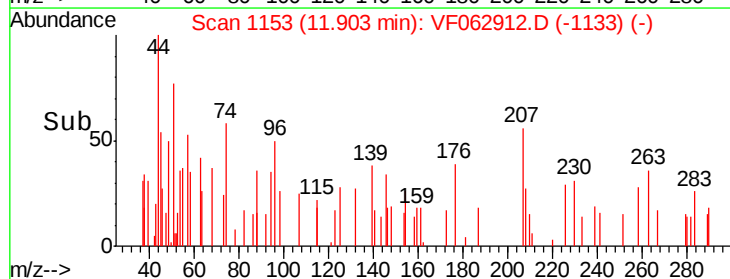
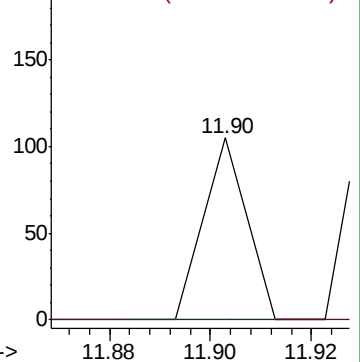
105 100

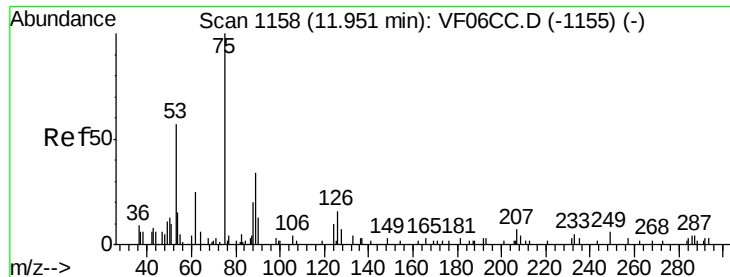
120 0.0 28.7 86.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 990.721 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.02 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

ClientSampled :

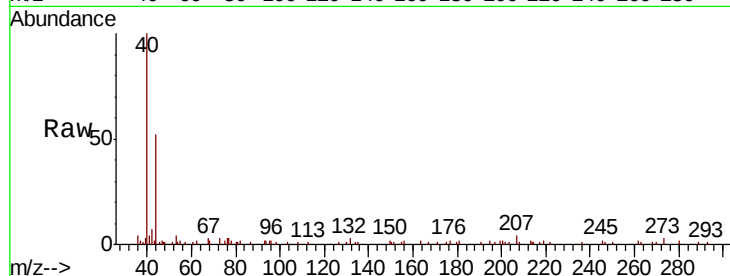
Tot Ion: 75 Resp: 464

Ion Ratio Lower Upper

75 100

53 161.7 43.5 65.3#

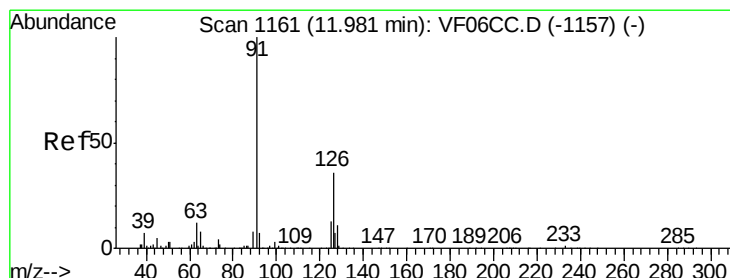
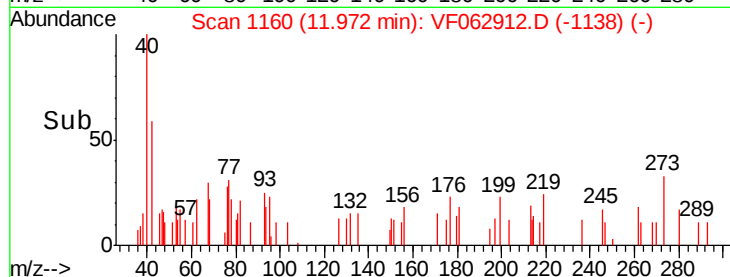
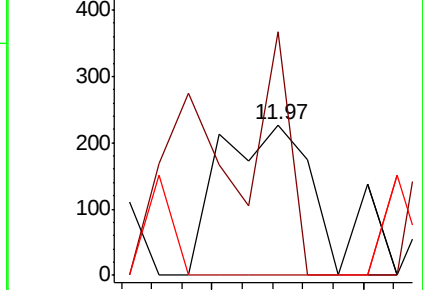
89 0.0 34.3 51.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 46.174 ug/l

RT: 11.99 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VF062912.D

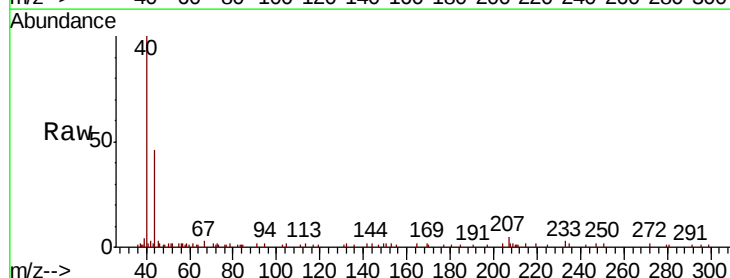
Acq: 10 Jun 2019 17:57

Tgt Ion: 91 Resp: 245

Ion Ratio Lower Upper

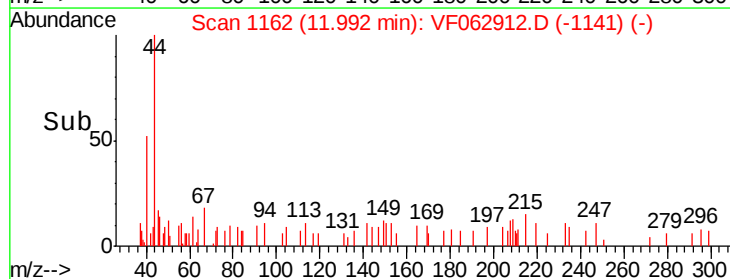
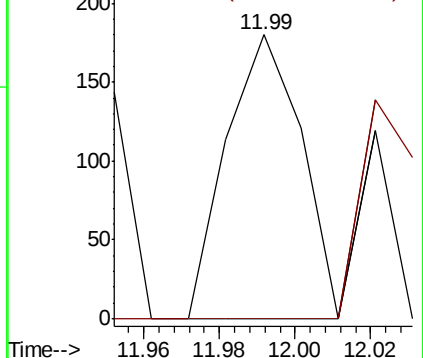
91 100

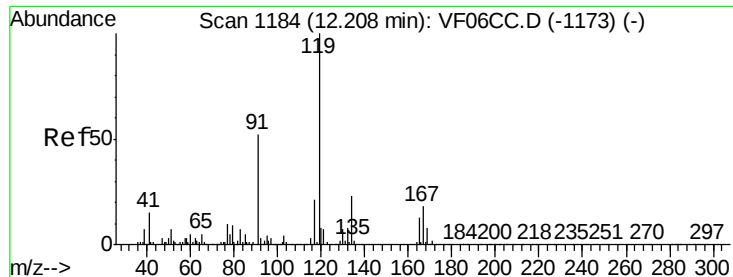
126 0.0 19.1 57.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#83

tert-Butylbenzene

Concen: 12.949 ug/l

RT: 12.18 min Scan# 1181

Delta R.T. -0.03 min

Lab File: VF062912.D

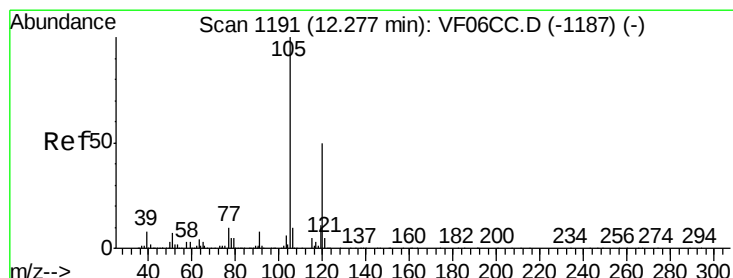
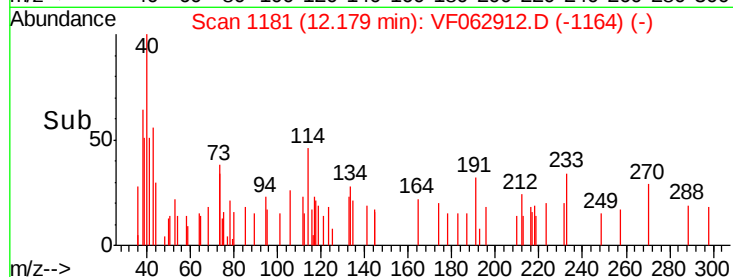
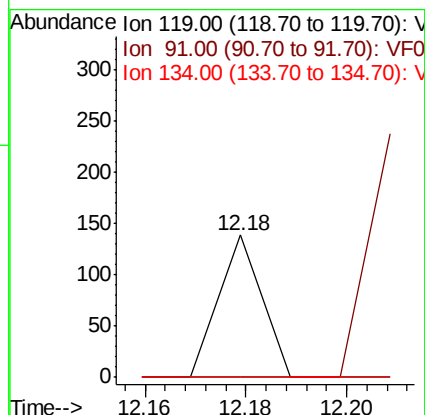
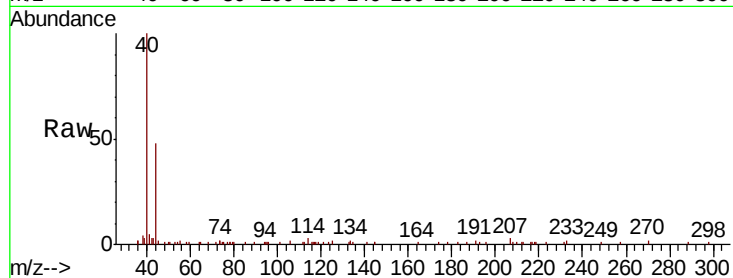
Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	119	Resp:	82
Ion	Ratio	Lower	Upper
119	100		
91	0.0	28.9	86.7#
134	0.0	14.3	42.9#



#84

1,2,4-Trimethylbenzene

Concen: 25.250 ug/l

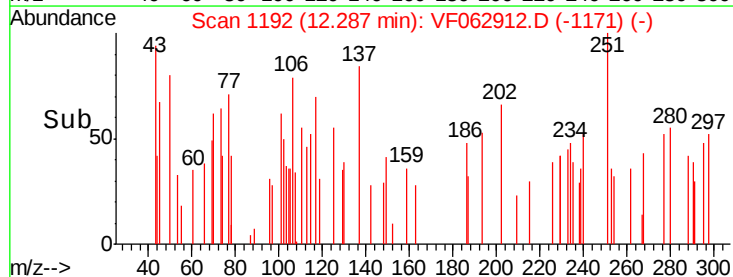
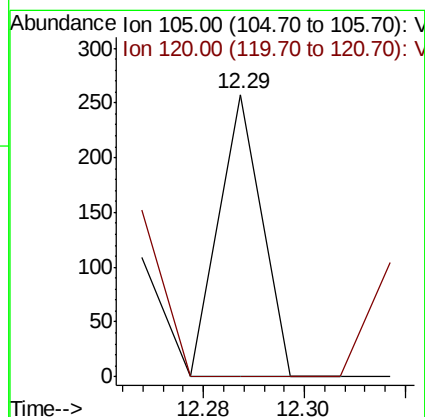
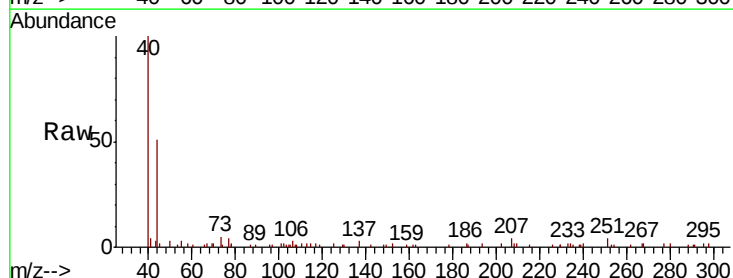
RT: 12.29 min Scan# 1192

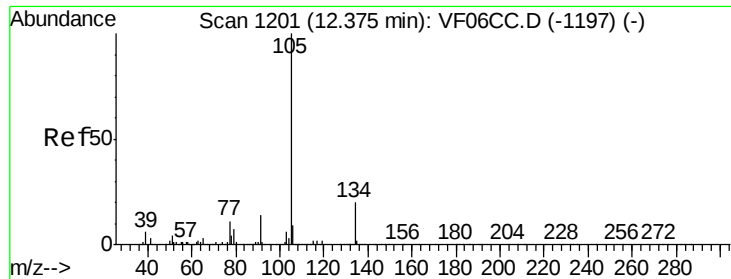
Delta R.T. 0.01 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Tgt Ion:	105	Resp:	153
Ion	Ratio	Lower	Upper
105	100		
120	0.0	27.1	81.3#





#85

sec-Butylbenzene

Concen: 53.688 ug/l

RT: 12.42 min Scan# 1205

Delta R.T. 0.04 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

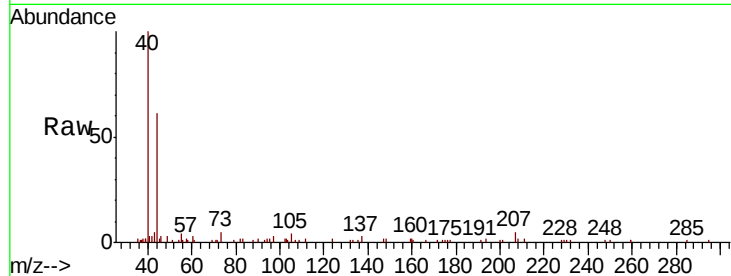
ClientSampleId :

Tot Ion:105 Resp: 448

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.42

400

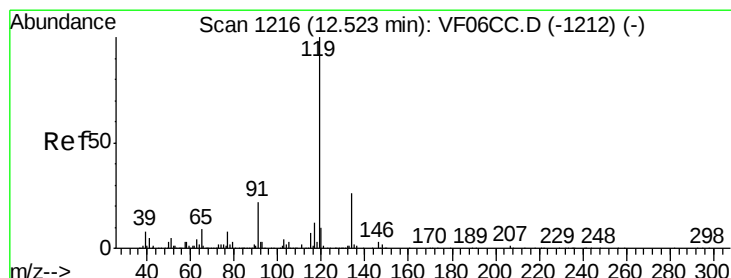
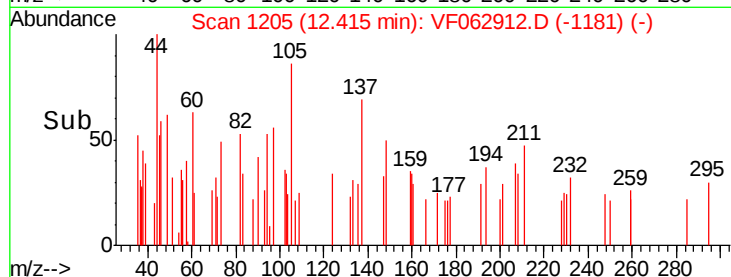
300

200

100

0

Time--> 12.35 12.40 12.45



#86

p-Isopropyltoluene

Concen: 47.080 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

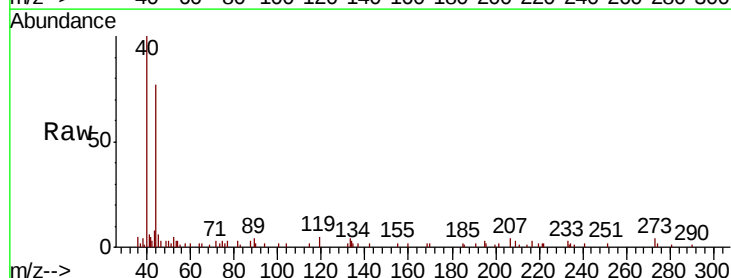
Tgt Ion:119 Resp: 327

Ion Ratio Lower Upper

119 100

134 86.4 15.5 46.5#

91 0.0 10.3 30.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.53

500

400

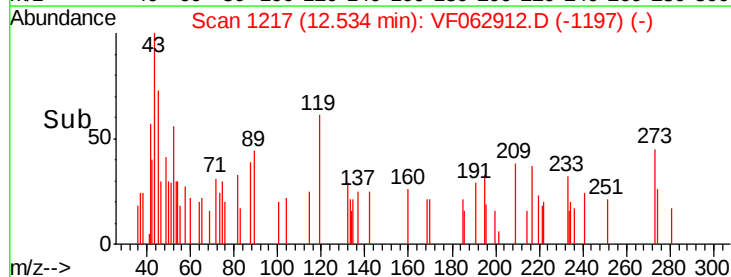
300

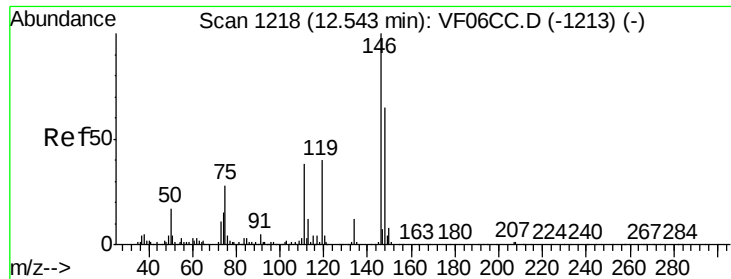
200

100

0

Time--> 12.50 12.55





#87

1,3-Dichlorobenzene

Concen: 17.904 ug/l

RT: 12.50 min Scan# 1214

Delta R.T. -0.04 min

Lab File: VF062912.D

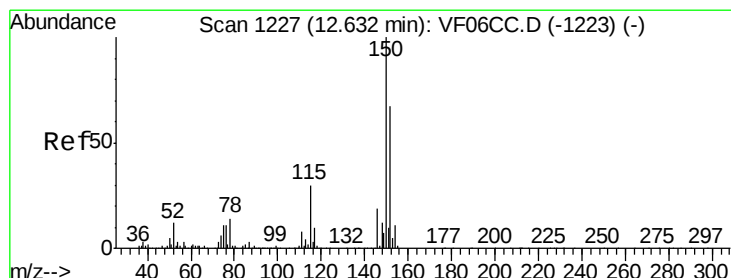
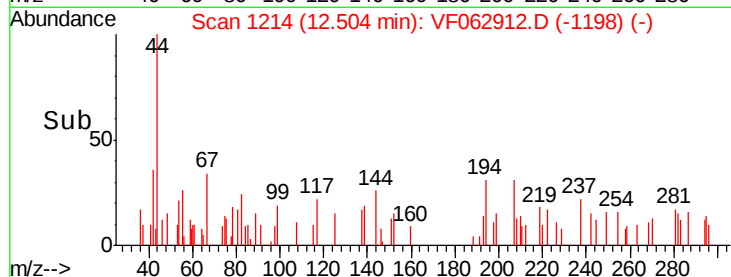
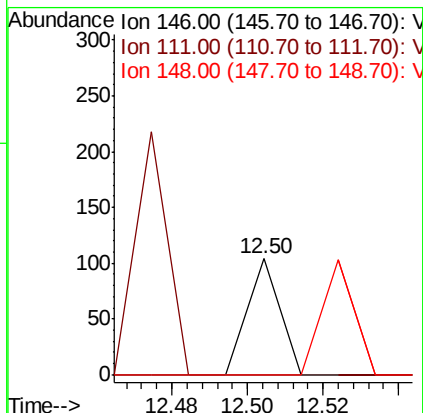
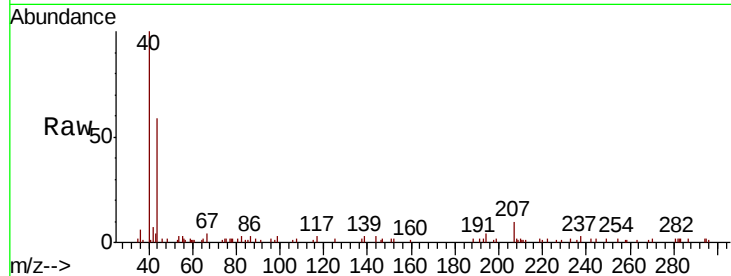
Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	146	Resp:	62
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: 114.178 ug/l

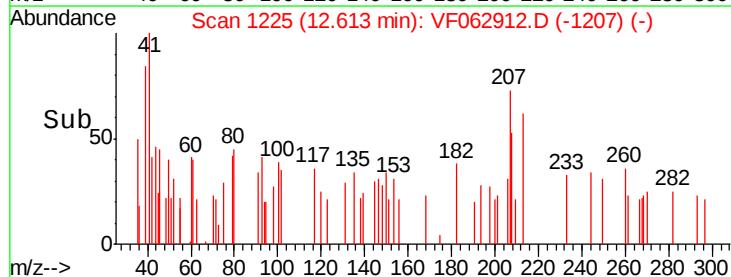
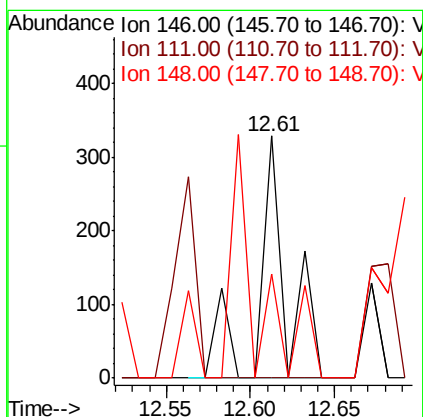
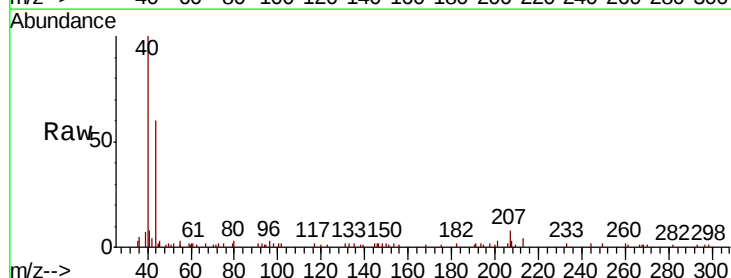
RT: 12.61 min Scan# 1225

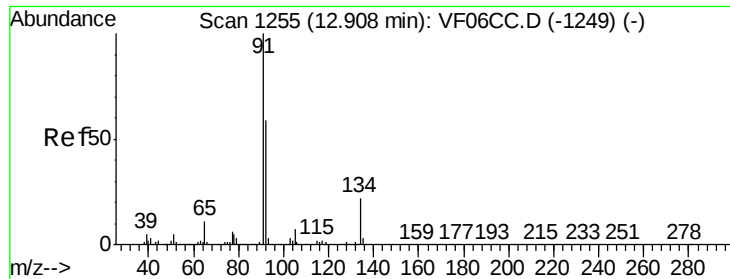
Delta R.T. -0.02 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Tgt Ion:	146	Resp:	369
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.9#
148	42.9	34.0	101.8





#89

n-Butylbenzene

Concen: 39.504 ug/l

RT: 12.91 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

ClientSampleId :

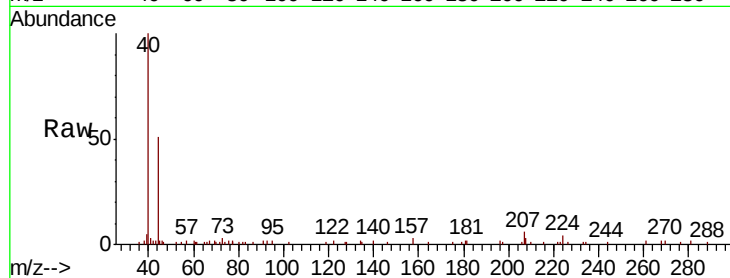
Tot Ion: 91 Resp: 276

Ion Ratio Lower Upper

91 100

92 0.0 34.2 102.6#

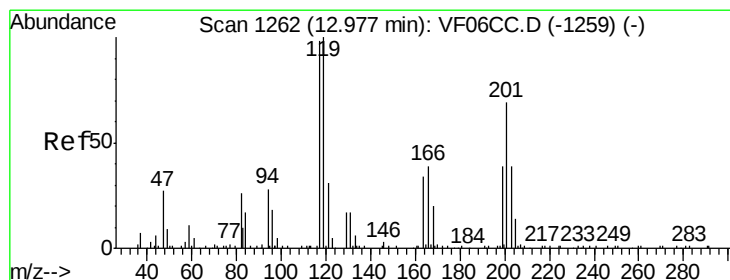
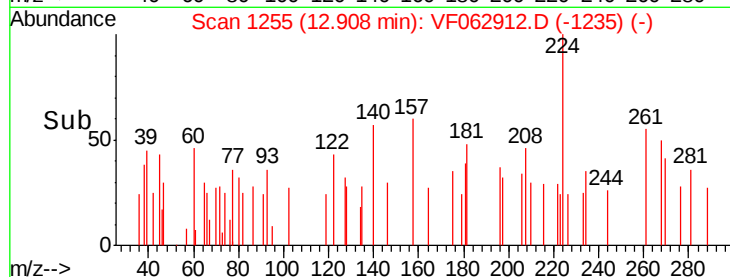
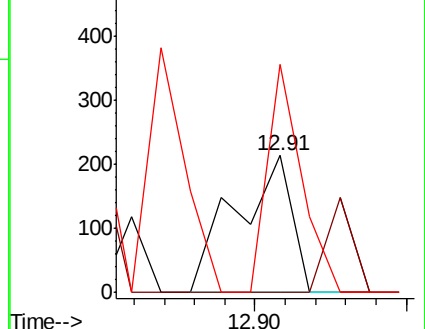
134 167.6 15.8 47.3#



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: 57.851 ug/l

RT: 12.92 min Scan# 1256

Delta R.T. -0.07 min

Lab File: VF062912.D

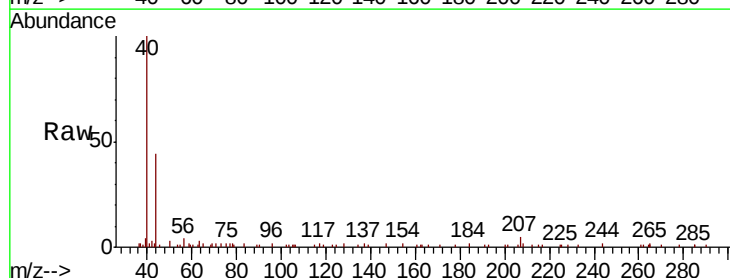
Acq: 10 Jun 2019 17:57

Tgt Ion: 117 Resp: 98

Ion Ratio Lower Upper

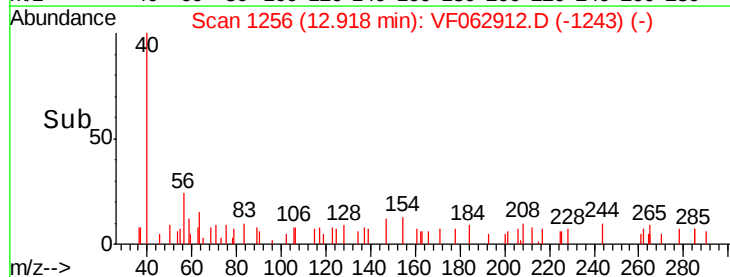
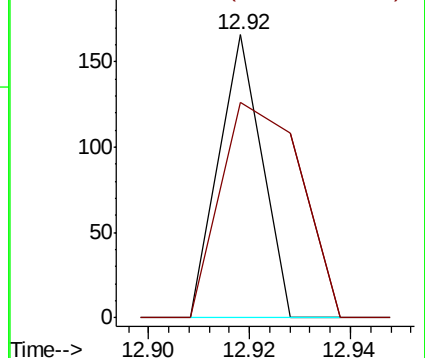
117 100

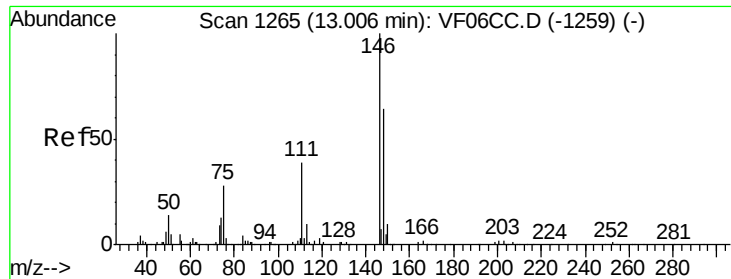
201 75.9 38.9 116.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

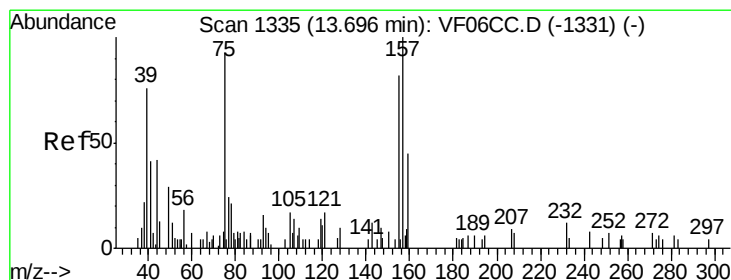
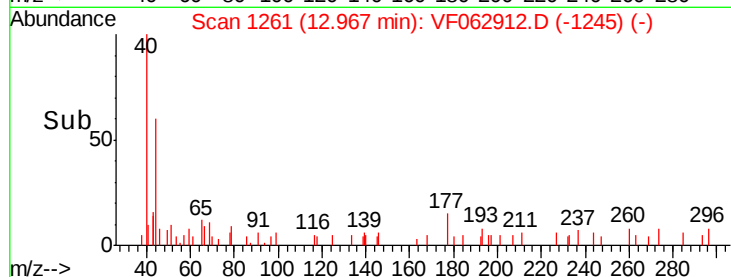
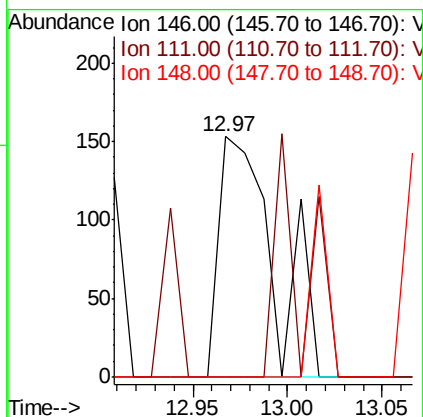
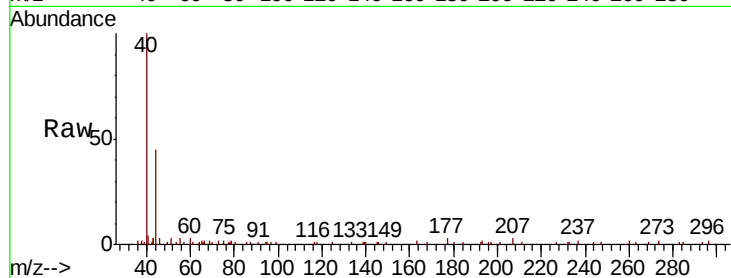




#91
 1,2-Dichlorobenzene
 Concen: 101.519 ug/l
 RT: 12.97 min Scan# 1261
 Delta R.T. -0.04 min
 Lab File: VF062912.D
 Acq: 10 Jun 2019 17:57

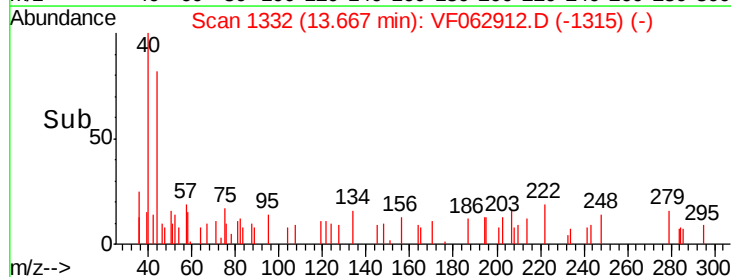
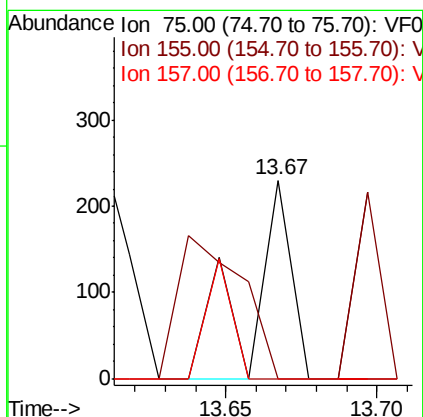
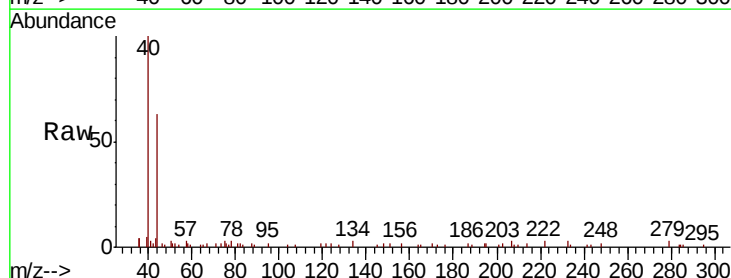
Instrument :
 MSVOA_F
 ClientSampleId :

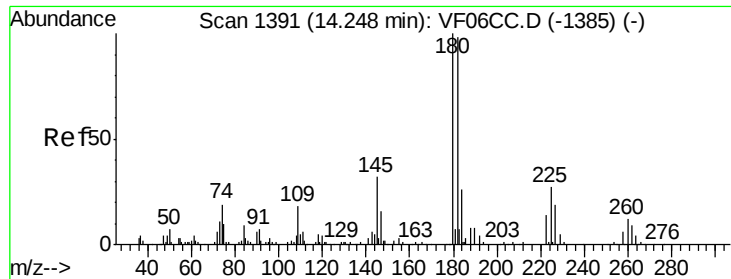
Tot Ion:146 Resp: 309
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.4 61.3#
 148 0.0 34.1 102.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1204.486 ug/l
 RT: 13.67 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: VF062912.D
 Acq: 10 Jun 2019 17:57

Tgt Ion: 75 Resp: 219
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.7 155.1#
 157 0.0 66.8 200.6#

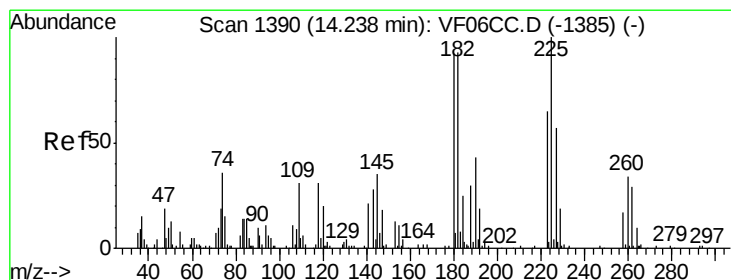
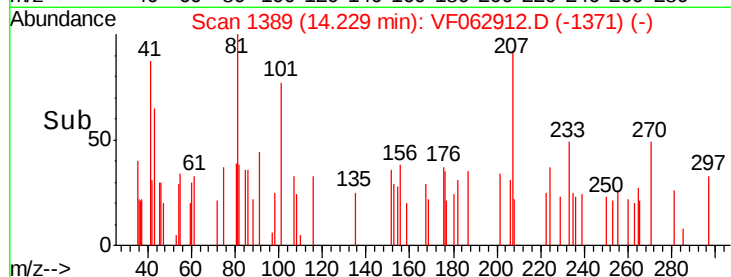
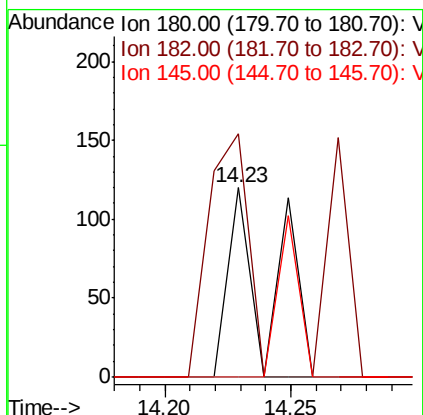
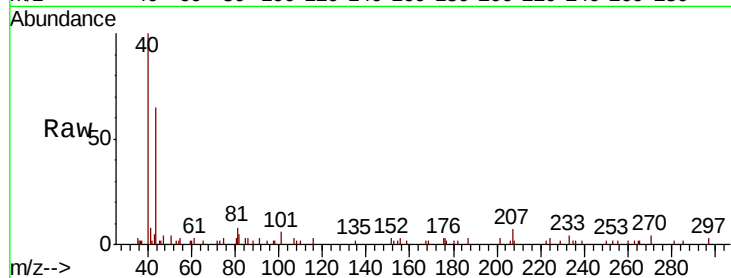




#93
 1,2,4-Trichlorobenzene
 Concen: 66.032 ug/l
 RT: 14.23 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: VF062912.D
 Acq: 10 Jun 2019 17:57

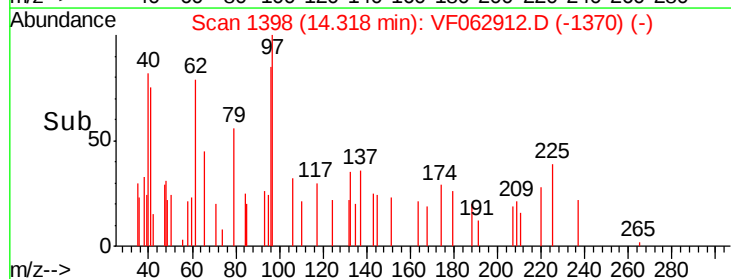
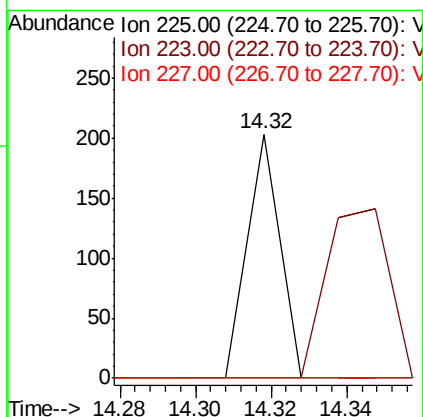
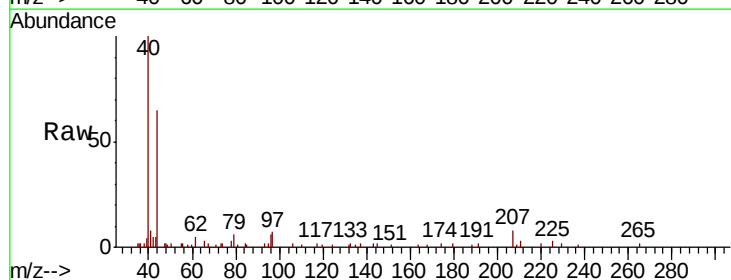
Instrument :
 MSVOA_F
 ClientSampleId :

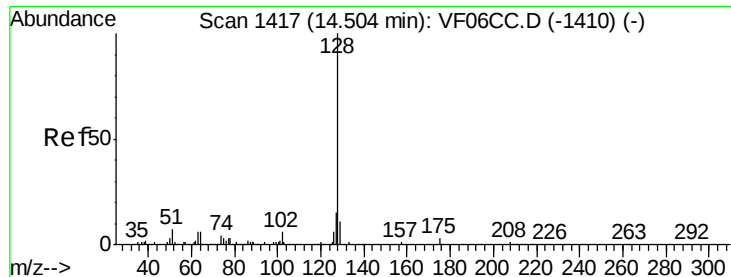
Tot Ion:180 Resp: 138
 Ion Ratio Lower Upper
 180 100
 182 128.3 50.3 150.9
 145 0.0 15.4 46.2#



#94
 Hexachlorobutadiene
 Concen: 83.000 ug/l
 RT: 14.32 min Scan# 1398
 Delta R.T. 0.08 min
 Lab File: VF062912.D
 Acq: 10 Jun 2019 17:57

Tgt Ion:225 Resp: 120
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.8 92.4#
 227 0.0 31.9 95.5#





#95

Naphthalene

Concen: 31.836 ug/l

RT: 14.48 min Scan# 1414

Delta R.T. -0.03 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

Instrument :

MSVOA_F

ClientSampled :

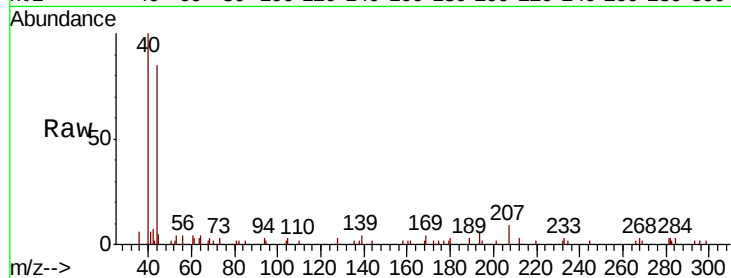
Tot Ion:128 Resp: 109

Ion Ratio Lower Upper

128 100

127 100.0 9.7 14.5#

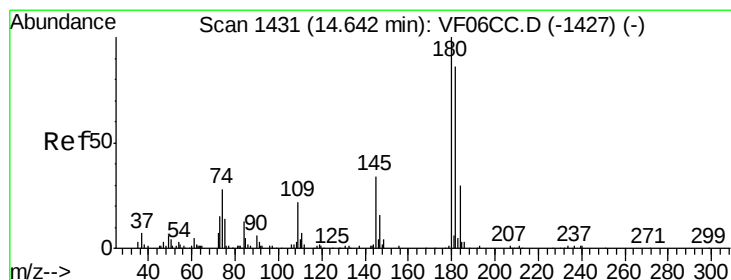
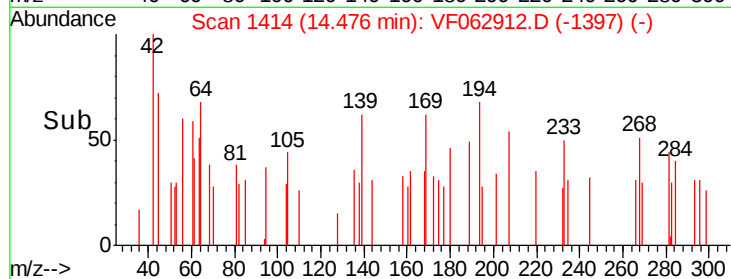
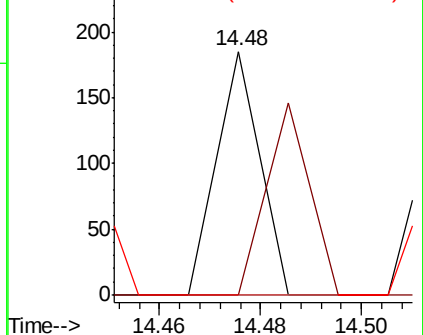
129 0.0 9.4 14.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.556 ug/l

RT: 14.64 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VF062912.D

Acq: 10 Jun 2019 17:57

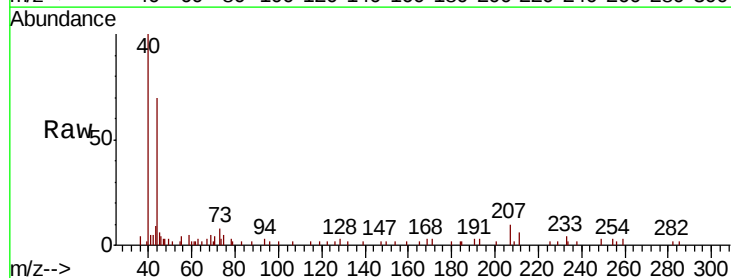
Tgt Ion:180 Resp: 85

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 0.0 15.7 47.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

