

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100118\
 Data File : VF0603CC.D
 Acq On : 1 Oct 2018 16:50
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Oct 02 00:06:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 00:00:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	284428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	461077	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	406389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	237638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	23998	6.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.02%	
35) Dibromofluoromethane	4.27	113	22829	5.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.90%	
50) Toluene-d8	7.69	98	55428	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
62) 4-Bromofluorobenzene	11.49	95	26673	5.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.38%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.99	85	29958	5.499 ug/l	92
3) Chloromethane	1.12	50	17900	4.523 ug/l	98
4) Vinyl Chloride	1.17	62	19702	4.862 ug/l #	85
5) Bromomethane	1.36	94	14322	5.096 ug/l	88
6) Chloroethane	1.42	64	10196	5.251 ug/l	89
7) Trichlorofluoromethane	1.54	101	43666	5.549 ug/l	93
8) Diethyl Ether	1.69	74	6830	5.487 ug/l	86
9) 1,1,2-Trichlorotrifluoroet	1.88	101	23653	5.813 ug/l	92
10) Methyl Iodide	1.96	142	32090	4.939 ug/l	89
11) Tert butyl alcohol	2.67	59	8307	32.537 ug/l #	63
12) 1,1-Dichloroethene	1.85	96	17665	5.356 ug/l #	91
13) Acrolein	2.08	56	6075	41.571 ug/l #	64
14) Allyl chloride	2.18	41	26306	4.615 ug/l	94
15) Acrylonitrile	3.05	53	12444	23.260 ug/l #	79
16) Acetone	2.32	43	32503	30.357 ug/l #	92
17) Carbon Disulfide	1.88	76	52087	5.135 ug/l #	89
18) Methyl Acetate	2.43	43	12193	6.644 ug/l #	88
19) Methyl tert-butyl Ether	2.52	73	40664	4.911 ug/l	97
20) Methylene Chloride	2.27	84	12268	3.177 ug/l	96
21) trans-1,2-Dichloroethene	2.40	96	17376	5.074 ug/l #	73
22) Diisopropyl ether	2.91	45	52870	4.957 ug/l	97
23) Vinyl Acetate	3.31	43	110508	26.252 ug/l	97
24) 1,1-Dichloroethane	2.97	63	34187	4.860 ug/l #	95
25) 2-Butanone	4.49	43	33638	24.148 ug/l #	91
26) 2,2-Dichloropropane	3.73	77	21367	5.385 ug/l	98
27) cis-1,2-Dichloroethene	3.61	96	18157	4.165 ug/l	84
28) Bromochloromethane	3.86	49	12886	4.706 ug/l #	73
29) Tetrahydrofuran	4.24	42	16075	30.702 ug/l #	87
30) Chloroform	4.01	83	45100	5.344 ug/l	93
31) Cyclohexane	3.83	56	26099	4.495 ug/l	95
32) 1,1,1-Trichloroethane	4.25	97	37010	5.473 ug/l	94
36) 1,1-Dichloropropene	4.43	75	28356	4.890 ug/l #	86
37) Ethyl Acetate	4.27	43	11508	4.803 ug/l #	81
38) Carbon Tetrachloride	4.15	117	35325	5.412 ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100118\
 Data File : VF0603CC.D
 Acq On : 1 Oct 2018 16:50
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Oct 02 00:06:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 00:00:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.61	83	29957	4.917	ug/l	88
40) Benzene	4.78	78	59232	4.644	ug/l	93
41) Methacrylonitrile	4.90	41	6897	5.366	ug/l #	76
42) 1,2-Dichloroethane	5.09	62	28006	5.672	ug/l	96
43) Isopropyl Acetate	7.10	43	14884	5.155	ug/l #	94
44) Trichloroethene	5.65	130	19893	5.207	ug/l	88
45) 1,2-Dichloropropane	6.37	63	16026	4.823	ug/l #	86
46) Dibromomethane	6.23	93	12928	5.326	ug/l	93
47) Bromodichloromethane	6.52	83	32933	5.619	ug/l	99
49) 1,4-Dioxane	6.84	88	1363	74.995	ug/l #	62
51) 4-Methyl-2-Pentanone	8.38	43	57479	26.518	ug/l	100
52) Toluene	7.76	92	42613	5.236	ug/l	90
53) t-1,3-Dichloropropene	8.41	75	27121	5.805	ug/l	96
54) cis-1,3-Dichloropropene	7.43	75	29891	5.099	ug/l	96
55) 1,1,2-Trichloroethane	8.61	97	13406	5.429	ug/l #	88
56) Ethyl methacrylate	8.74	69	14945	5.006	ug/l	88
57) 1,3-Dichloropropane	8.98	76	22226	5.413	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.76	63	7197	26.596	ug/l	100
59) 2-Hexanone	9.61	43	41257	26.919	ug/l	90
60) Dibromochloromethane	8.84	129	18002	4.837	ug/l	88
61) 1,2-Dibromoethane	9.11	107	13810	4.967	ug/l	94
64) Tetrachloroethene	8.28	164	18155	5.004	ug/l	93
65) Chlorobenzene	9.91	112	43036	4.725	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.04	131	19163	4.997	ug/l	87
67) Ethyl Benzene	10.01	91	90838	5.370	ug/l	98
68) m/p-Xylenes	10.24	106	58967	10.099	ug/l	90
69) o-Xylene	10.80	106	31280	4.787	ug/l	90
70) Styrene	10.88	104	46583	5.068	ug/l	96
71) Bromoform	10.87	173	10075	4.817	ug/l	89
73) Isopropylbenzene	11.21	105	98837	4.711	ug/l	98
74) N-amyl acetate	11.45	43	22449	4.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.77	83	17847	4.792	ug/l	96
76) 1,2,3-Trichloropropane	11.87	75	13222	4.907	ug/l	99
77) Bromobenzene	11.58	156	22273	4.914	ug/l	82
78) n-propylbenzene	11.67	91	127865	5.132	ug/l	91
79) 2-Chlorotoluene	11.80	91	67065	4.668	ug/l	93
80) 1,3,5-Trimethylbenzene	11.90	105	86546	5.101	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.94	75	8337	5.930	ug/l	94
82) 4-Chlorotoluene	11.97	91	76191	5.301	ug/l	100
83) tert-Butylbenzene	12.20	119	80313	4.656	ug/l	94
84) 1,2,4-Trimethylbenzene	12.27	105	81107	4.682	ug/l	94
85) sec-Butylbenzene	12.37	105	118347	4.982	ug/l	88
86) p-Isopropyltoluene	12.53	119	97389	5.151	ug/l	97
87) 1,3-Dichlorobenzene	12.55	146	43066	5.061	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	42909	5.123	ug/l	96
89) n-Butylbenzene	12.90	91	101279	5.030	ug/l	92
90) Hexachloroethane	12.98	117	22550	4.645	ug/l	87
91) 1,2-Dichlorobenzene	13.01	146	41133	5.049	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.70	75	3359	4.764	ug/l	85
93) 1,2,4-Trichlorobenzene	14.25	180	30482	5.126	ug/l	91

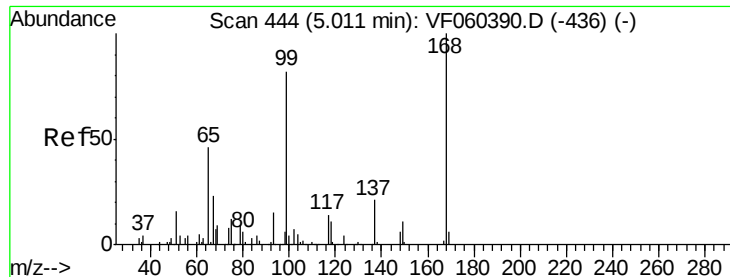
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100118\
Data File : VF0603CC.D
Acq On : 1 Oct 2018 16:50
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Oct 02 00:06:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 00:00:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.24	225	19816	4.934	ug/l	99
95) Naphthalene	14.51	128	45659	4.347	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	26332	4.802	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

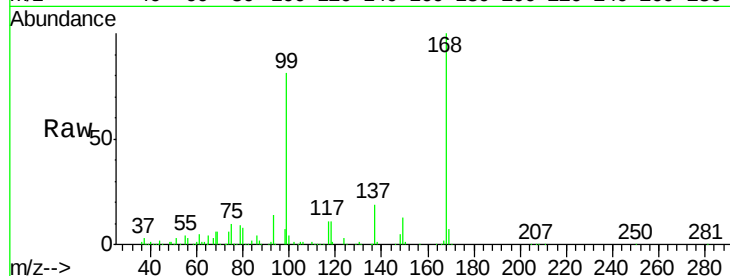
ClientSampleId :

Tgt Ion:168 Resp: 284428

Ion Ratio Lower Upper

168 100

99 80.8 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

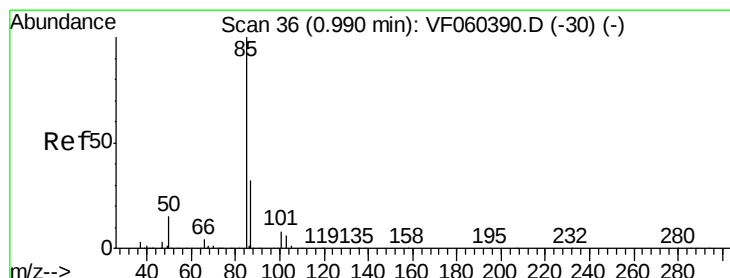
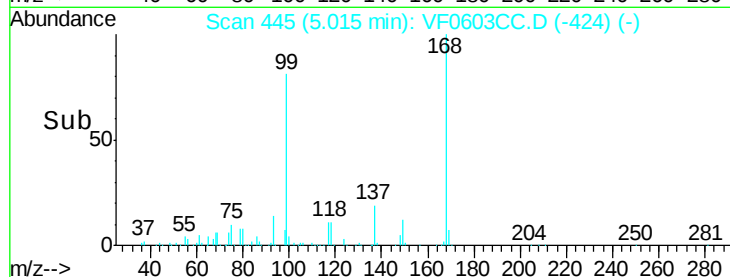
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.499 ug/l

RT: 0.99 min Scan# 37

Delta R.T. 0.00 min

Lab File: VF0603CC.D

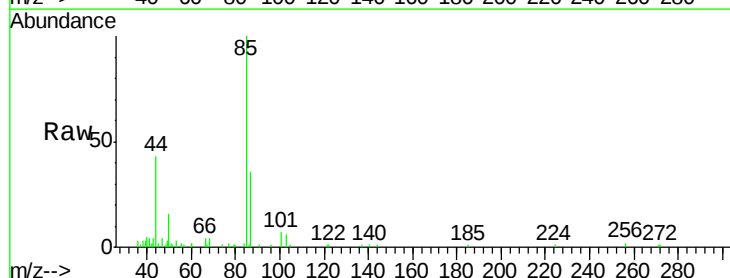
Acq: 1 Oct 2018 16:50

Tgt Ion: 85 Resp: 29958

Ion Ratio Lower Upper

85 100

87 36.0 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

12000

10000

8000

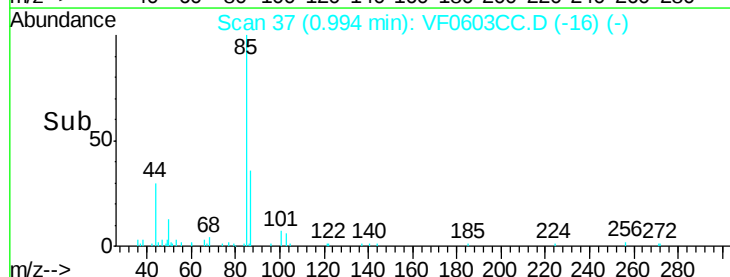
6000

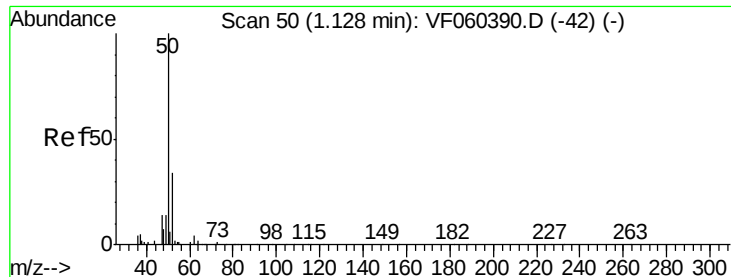
4000

2000

0

Time-->





#3

Chloromethane

Concen: 4.523 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

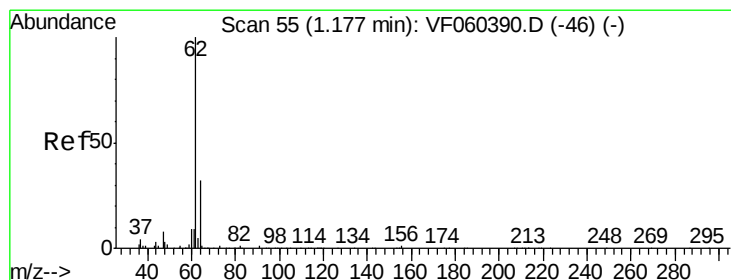
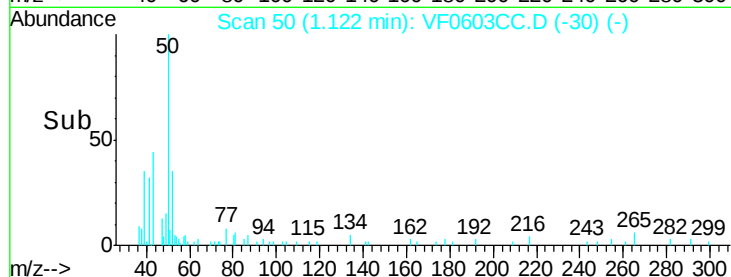
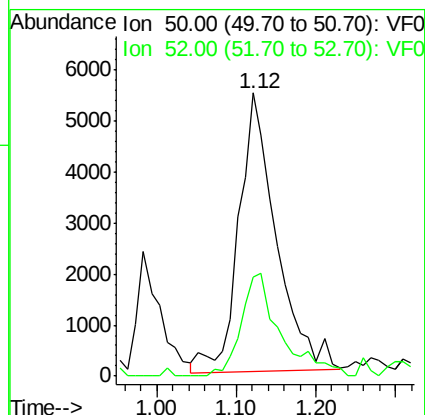
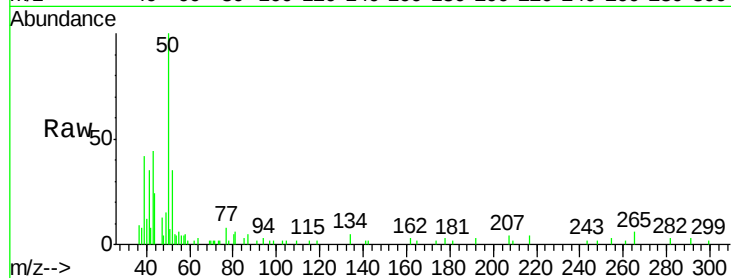
Instrument :
MSVOA_F
ClientSampled :

Tgt Ion: 50 Resp: 17900

Ion Ratio Lower Upper

50 100

52 34.9 26.9 40.3



#4

Vinyl Chloride

Concen: 4.862 ug/l

RT: 1.17 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF0603CC.D

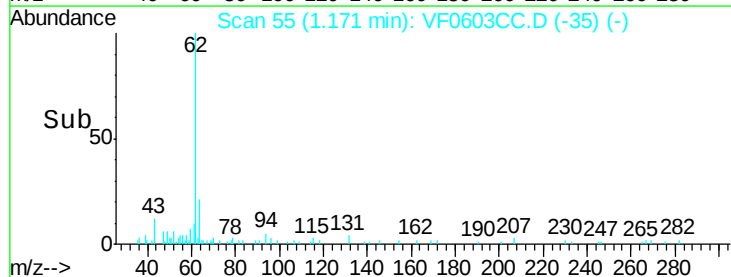
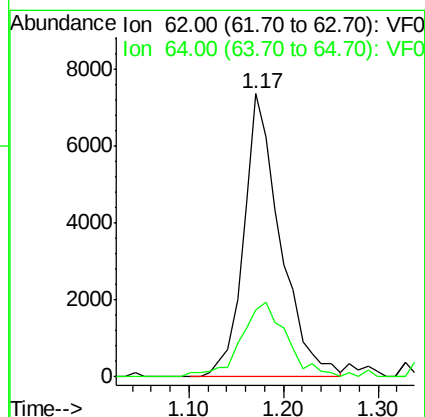
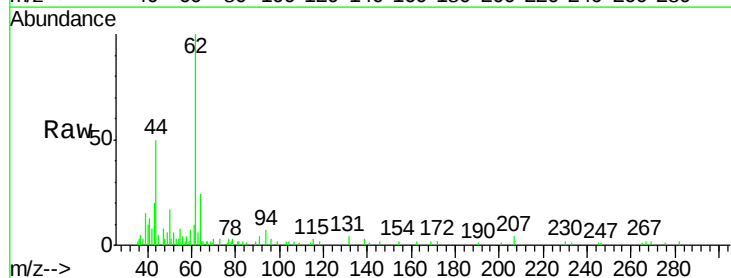
Acq: 1 Oct 2018 16:50

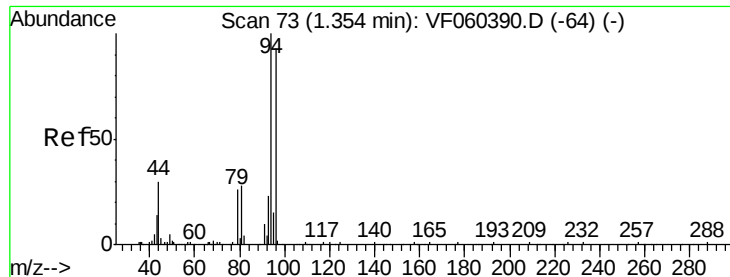
Tgt Ion: 62 Resp: 19702

Ion Ratio Lower Upper

62 100

64 23.7 25.8 38.6#





#5

Bromomethane

Concen: 5.096 ug/l

RT: 1.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

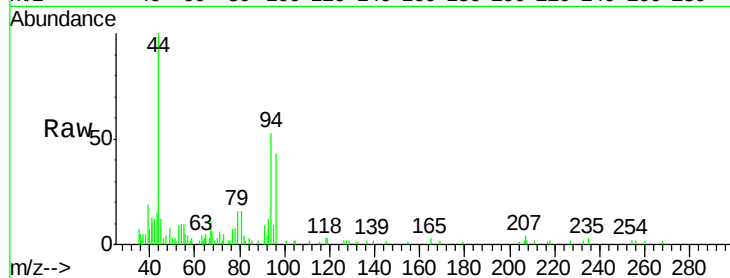
ClientSampleId :

Tgt Ion: 94 Resp: 14322

Ion Ratio Lower Upper

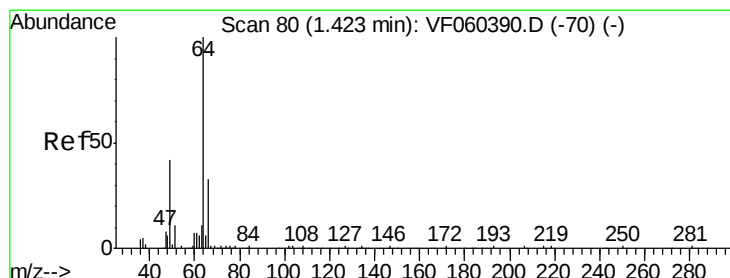
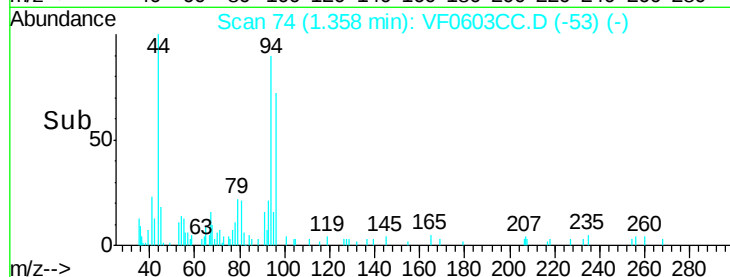
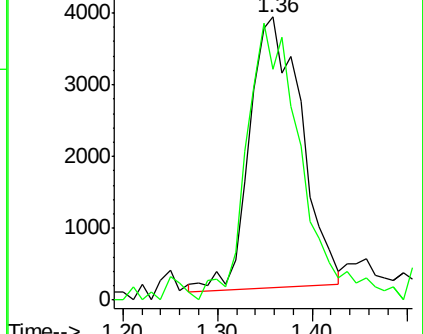
94 100

96 81.7 74.3 111.5



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 5.251 ug/l

RT: 1.42 min Scan# 80

Delta R.T. -0.01 min

Lab File: VF0603CC.D

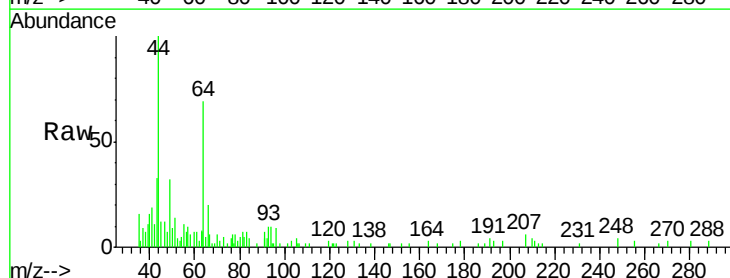
Acq: 1 Oct 2018 16:50

Tgt Ion: 64 Resp: 10196

Ion Ratio Lower Upper

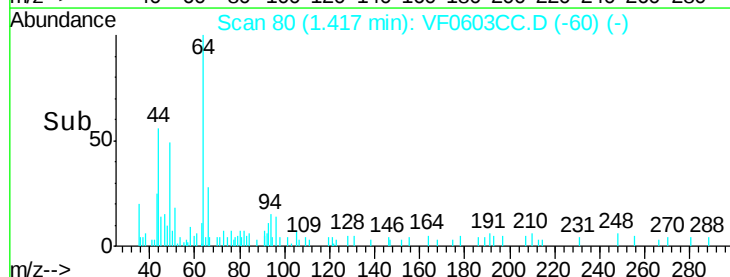
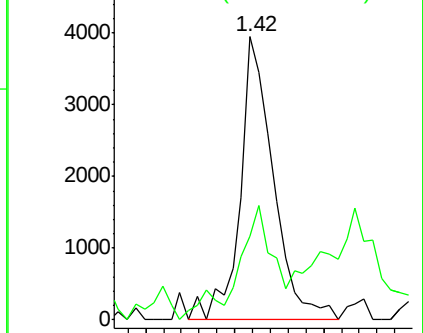
64 100

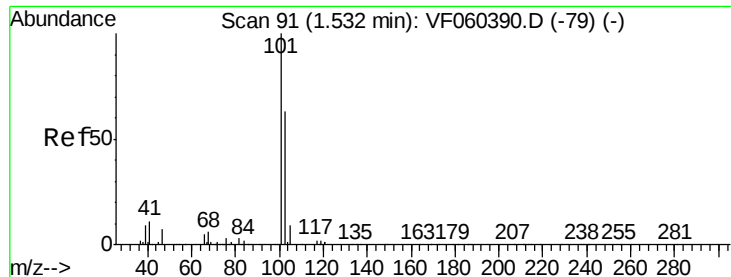
66 38.9 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

Trichlorofluoromethane

Concen: 5.549 ug/l

RT: 1.54 min Scan# 92

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

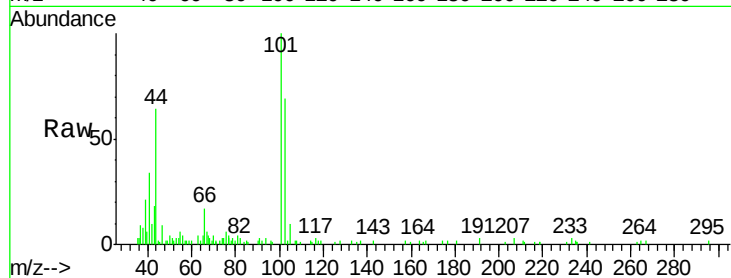
ClientSampleId :

Tgt Ion:101 Resp: 43666

Ion Ratio Lower Upper

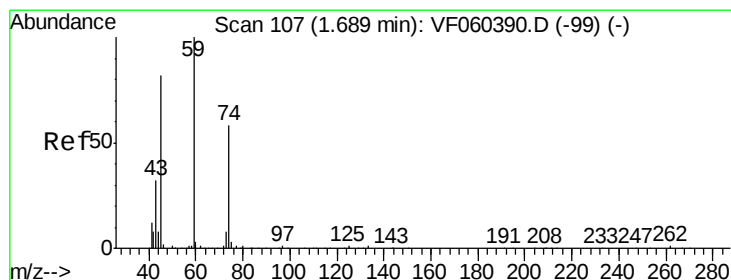
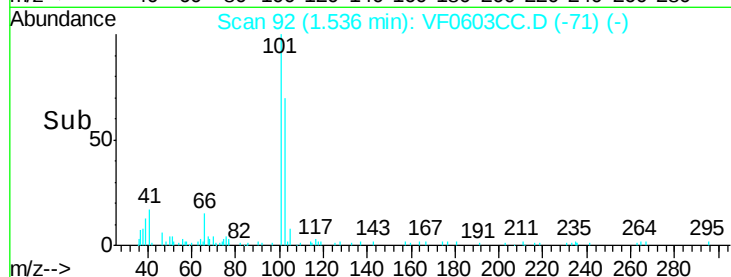
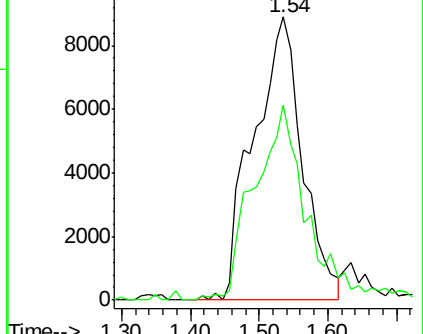
101 100

103 69.1 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 5.487 ug/l

RT: 1.69 min Scan# 108

Delta R.T. 0.00 min

Lab File: VF0603CC.D

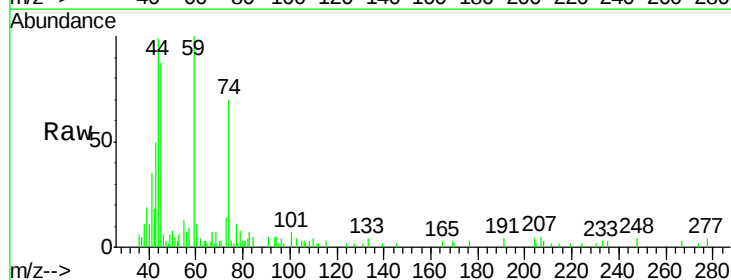
Acq: 1 Oct 2018 16:50

Tgt Ion: 74 Resp: 6830

Ion Ratio Lower Upper

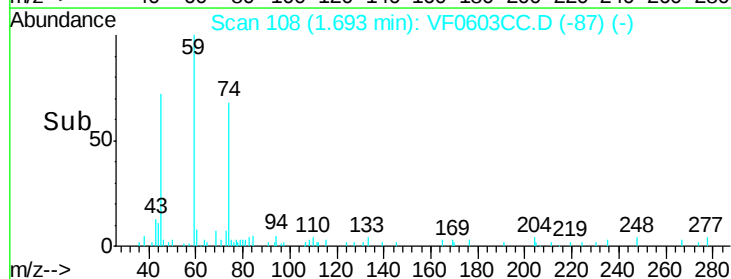
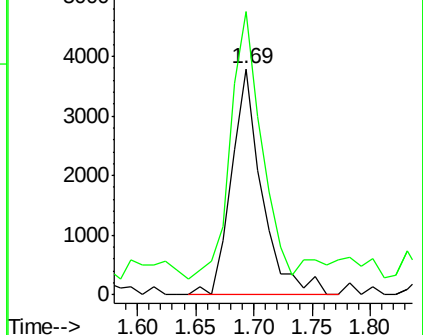
74 100

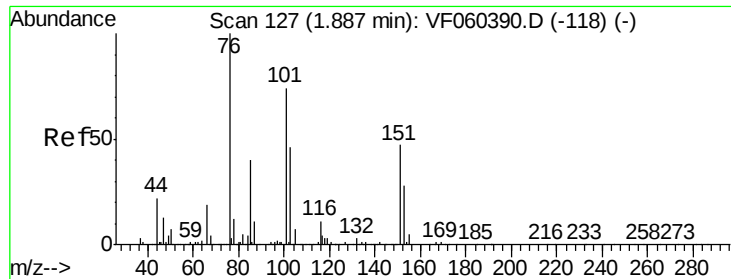
45 125.1 71.3 213.8



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.813 ug/l

RT: 1.88 min Scan# 127

Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

ClientSampleId :

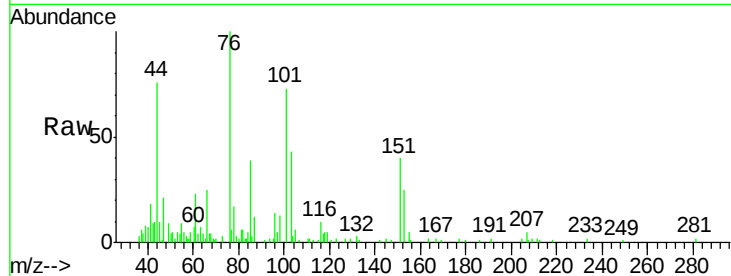
Tgt Ion:101 Resp: 23653

Ion Ratio Lower Upper

101 100

85 58.5 42.5 63.7

151 55.6 49.8 74.8

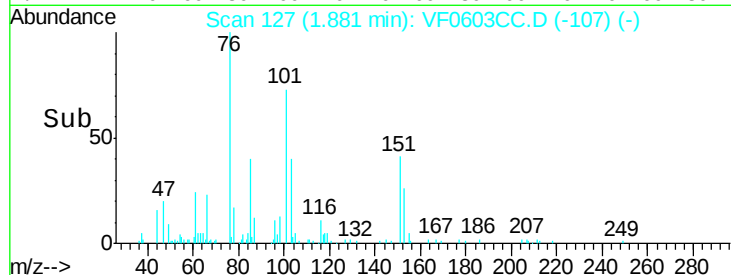


Abundance Ion 101.00 (100.70 to 101.70): V

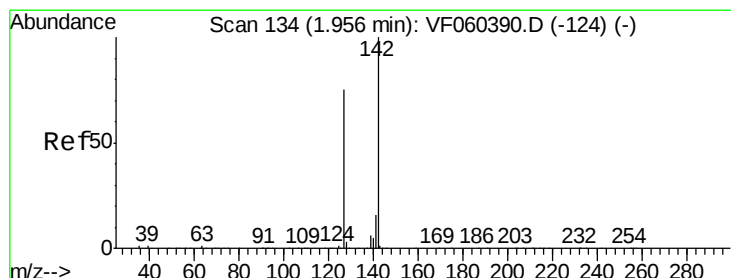
Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V

Time-->



Time-->



#10

Methyl Iodide

Concen: 4.939 ug/l

RT: 1.96 min Scan# 135

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

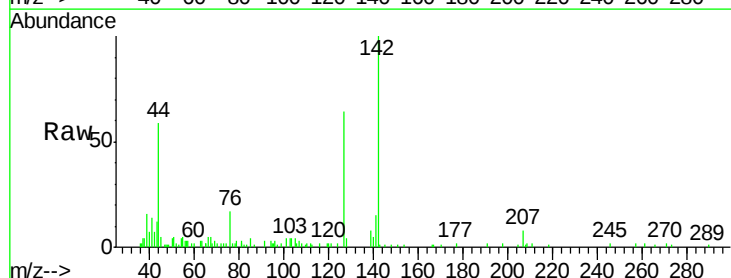
Tgt Ion:142 Resp: 32090

Ion Ratio Lower Upper

142 100

127 64.5 60.2 90.2

141 15.3 13.1 19.7

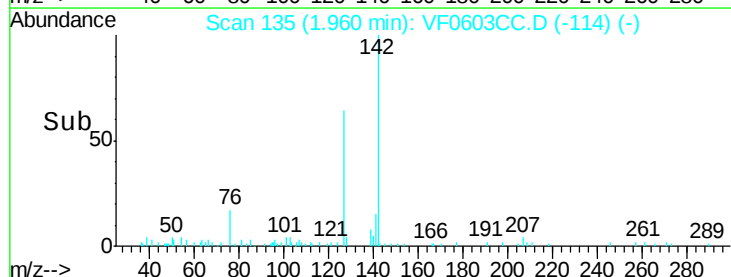


Abundance Ion 142.00 (141.70 to 142.70): V

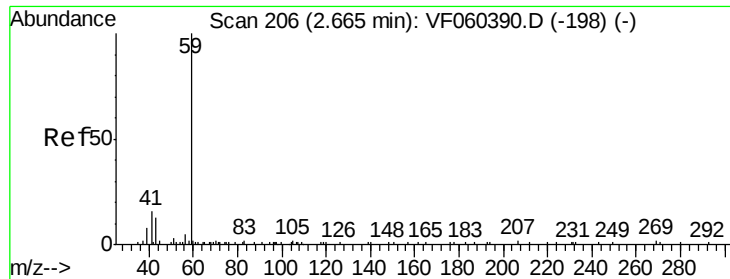
Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

Time-->



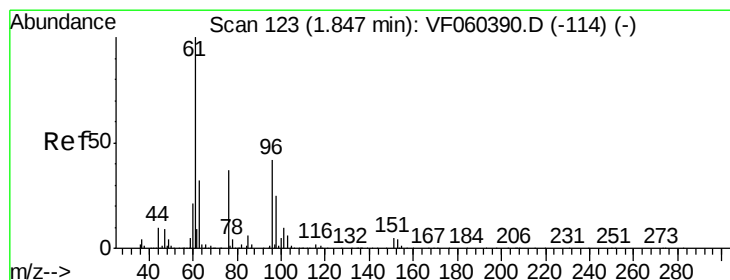
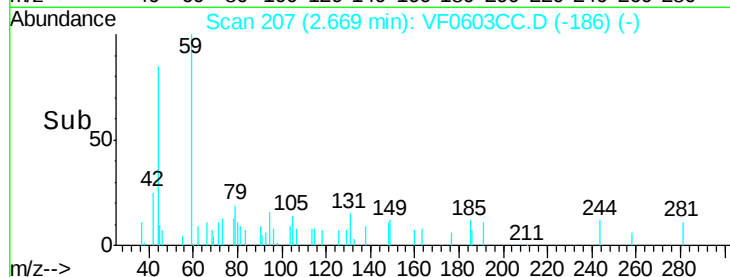
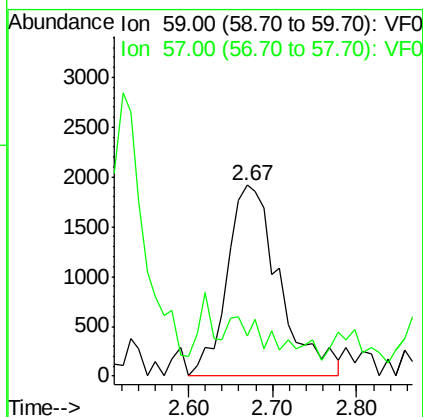
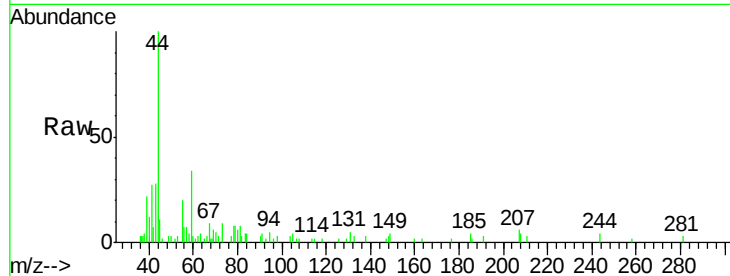
Time-->



#11
Tert butyl alcohol
Concen: 32.537 ug/l
RT: 2.67 min Scan# 207
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

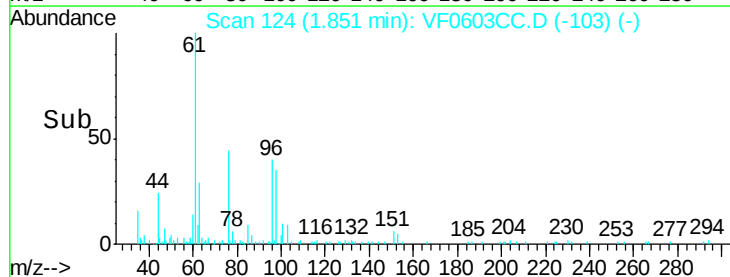
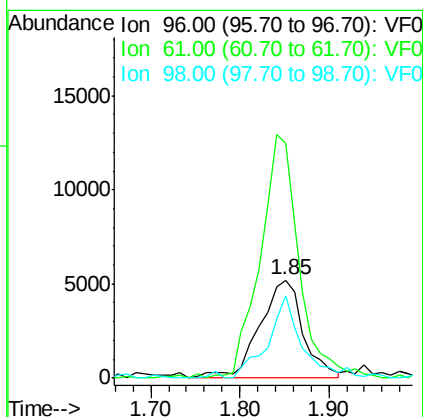
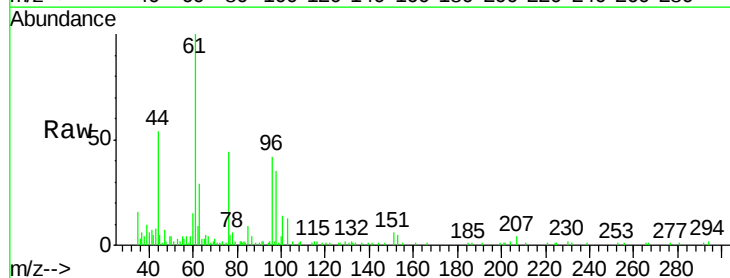
Instrument :
MSVOA_F
ClientSampled :

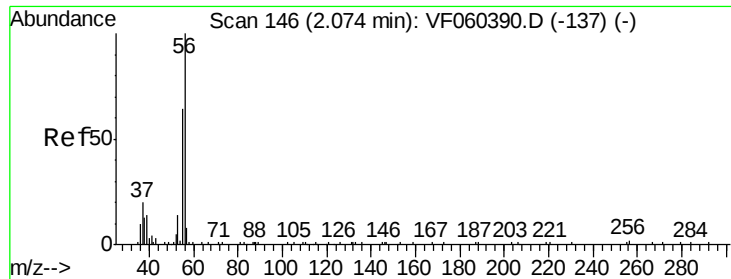
Tgt Ion: 59 Resp: 8307
Ion Ratio Lower Upper
59 100
57 21.4 6.5 9.7#



#12
1,1-Dichloroethene
Concen: 5.356 ug/l
RT: 1.85 min Scan# 124
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion: 96 Resp: 17665
Ion Ratio Lower Upper
96 100
61 239.4 189.4 284.0
98 86.7 47.8 71.6#





#13

Acrolein

Concen: 41.571 ug/l

RT: 2.08 min Scan# 147

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

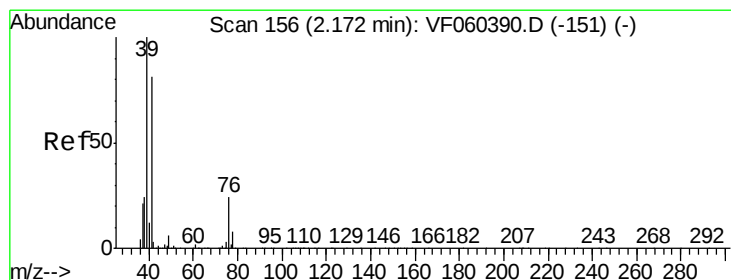
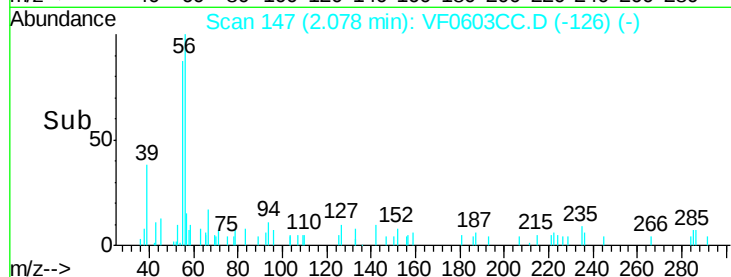
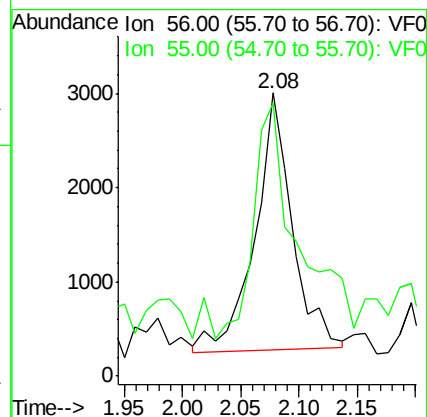
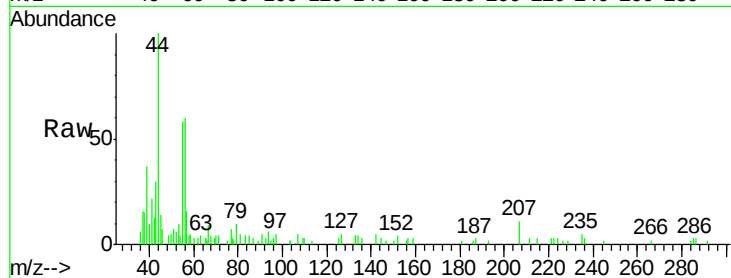
ClientSampleId :

Tgt Ion: 56 Resp: 6075

Ion Ratio Lower Upper

56 100

55 96.5 53.9 80.9#



#14

Allyl chloride

Concen: 4.615 ug/l

RT: 2.18 min Scan# 157

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

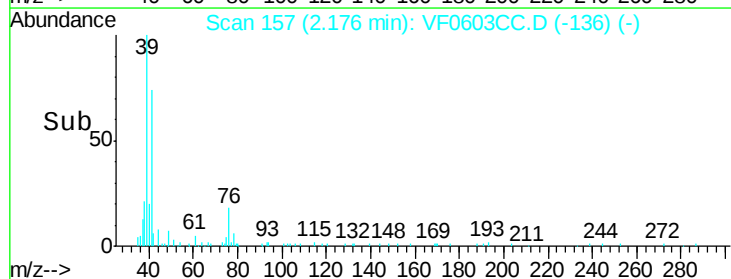
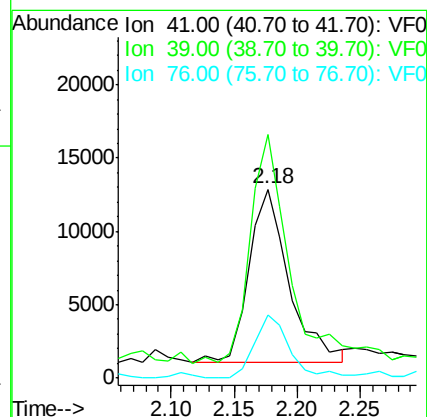
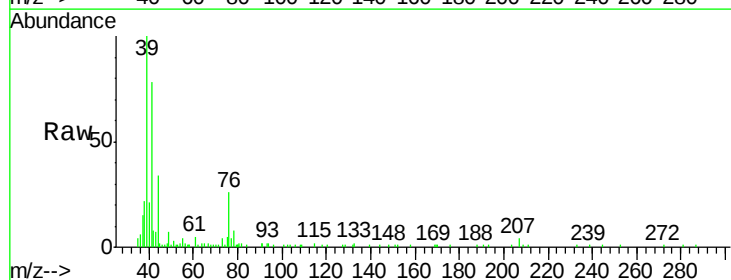
Tgt Ion: 41 Resp: 26306

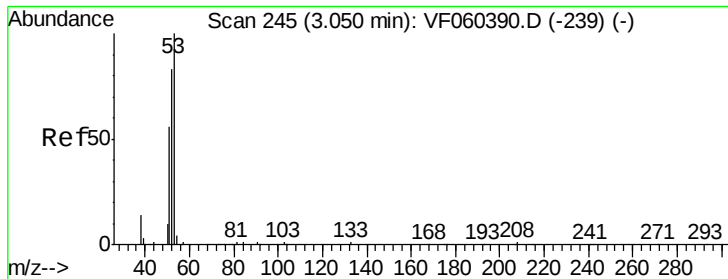
Ion Ratio Lower Upper

41 100

39 128.7 98.3 147.5

76 33.7 23.9 35.9





#15

Acrylonitrile

Concen: 23.260 ug/l

RT: 3.05 min Scan# 246

Delta R.T. 0.00 min

Lab File: VF0603CC.D

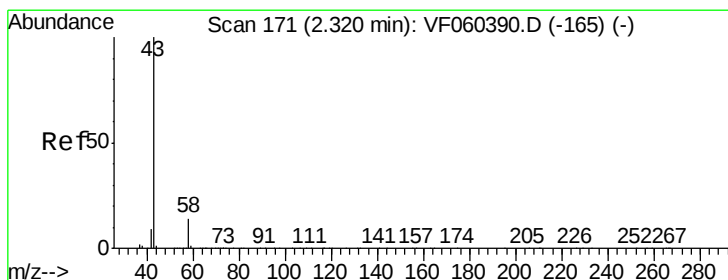
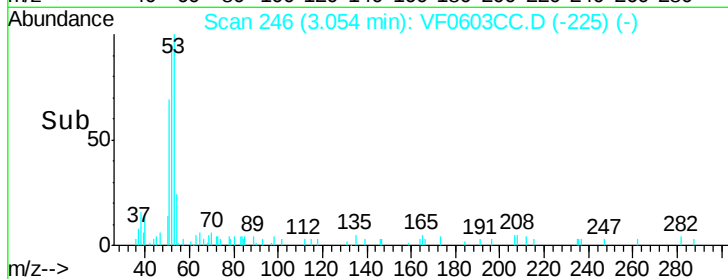
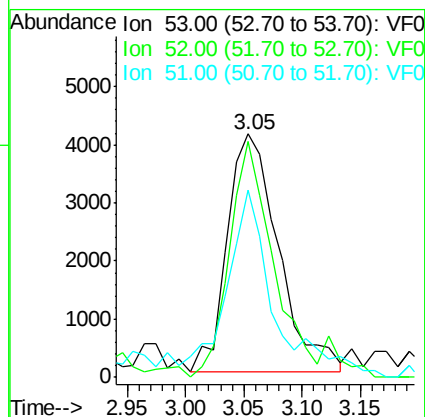
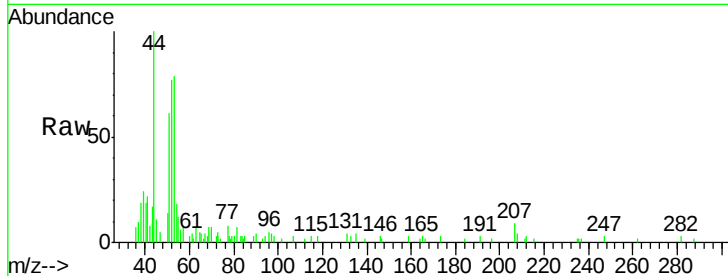
Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

ClientSampleId :

Tgt Ion:	53	Resp:	12444
Ion	Ratio	Lower	Upper
53	100		
52	97.1	66.0	99.0
51	76.7	45.6	68.4#



#16

Acetone

Concen: 30.357 ug/l

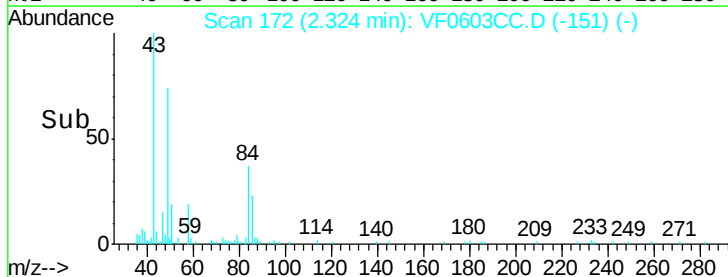
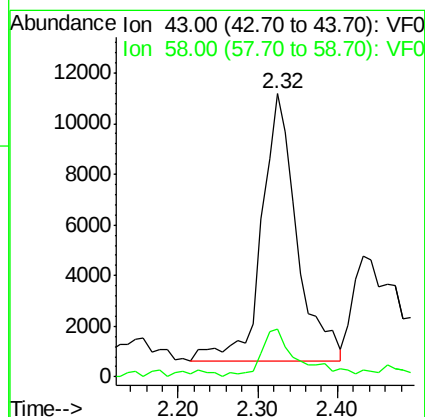
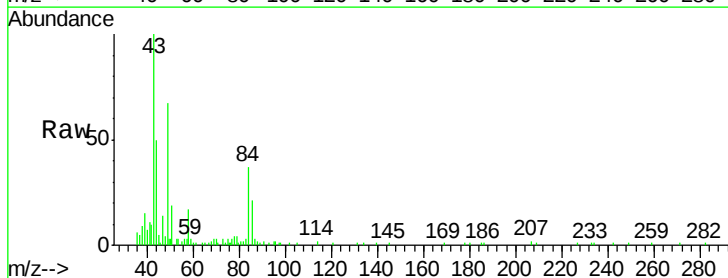
RT: 2.32 min Scan# 172

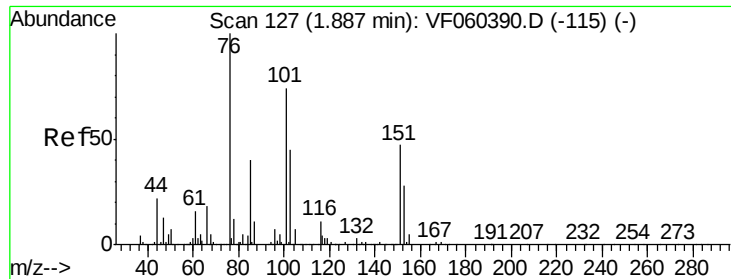
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Tgt Ion:	43	Resp:	32503
Ion	Ratio	Lower	Upper
43	100		
58	17.1	11.2	16.8#

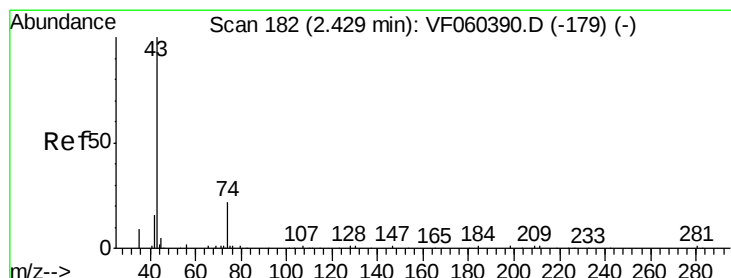
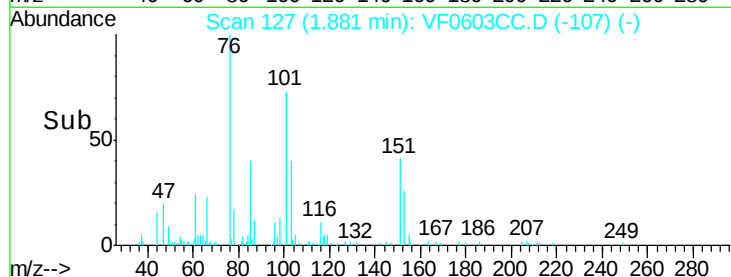
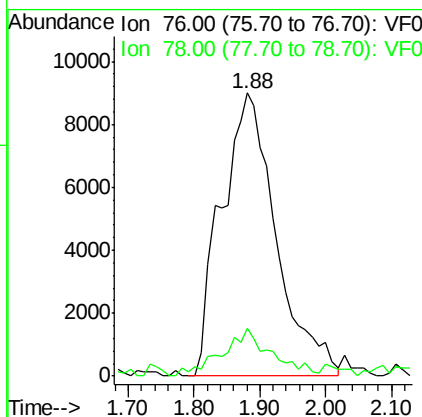
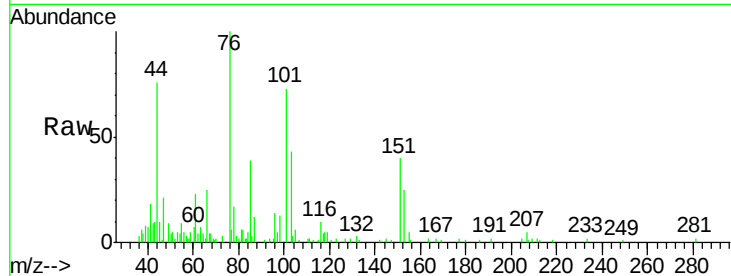




#17
Carbon Disulfide
Concen: 5.135 ug/l
RT: 1.88 min Scan# 127
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

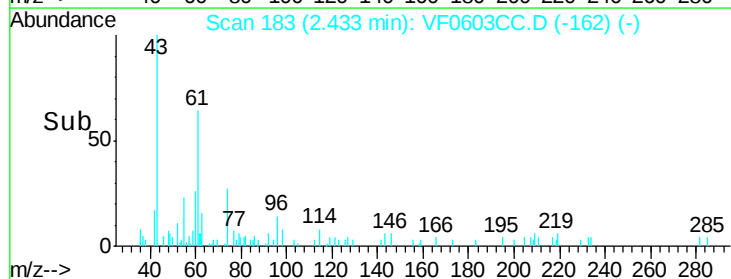
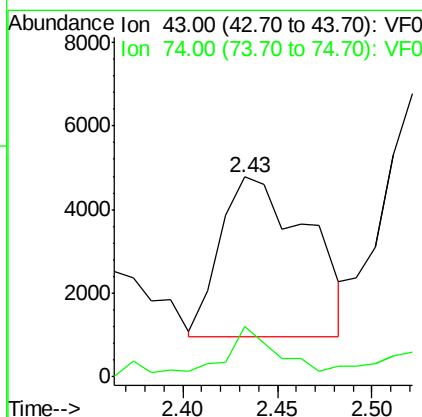
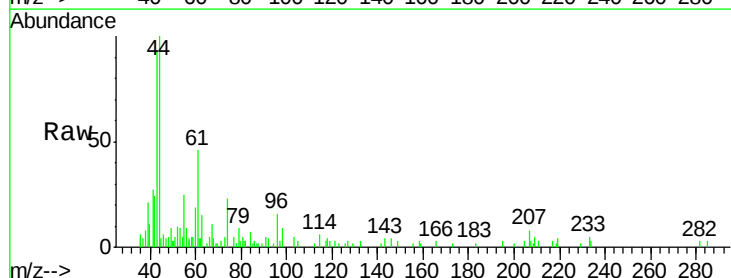
Instrument :
MSVOA_F
ClientSampleId :

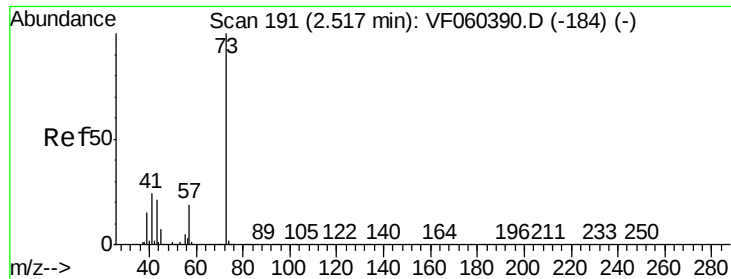
Tgt Ion: 76 Resp: 52087
Ion Ratio Lower Upper
76 100
78 16.8 10.1 15.1#



#18
Methyl Acetate
Concen: 6.644 ug/l
RT: 2.43 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion: 43 Resp: 12193
Ion Ratio Lower Upper
43 100
74 25.2 15.8 23.8#



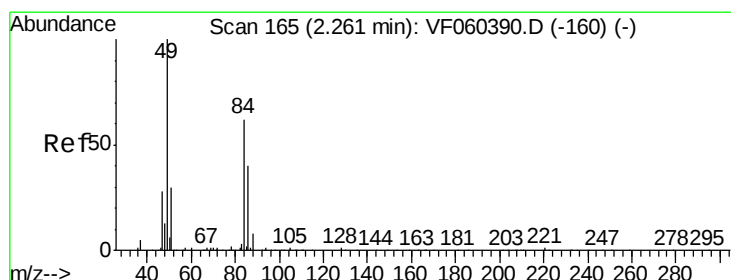
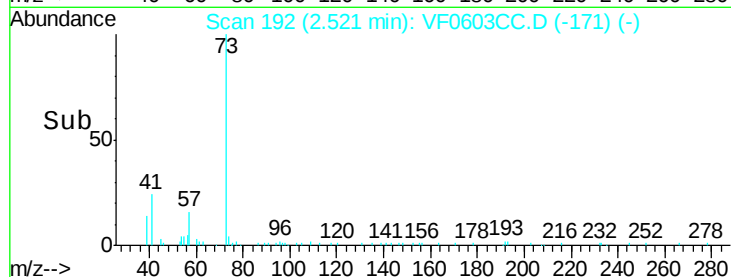
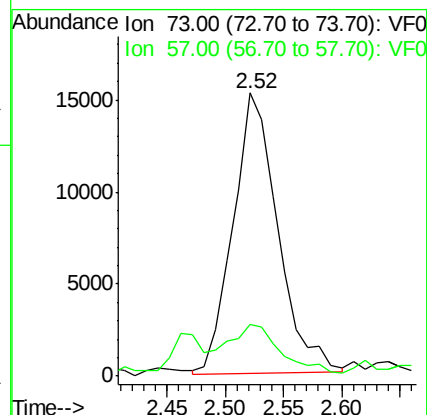
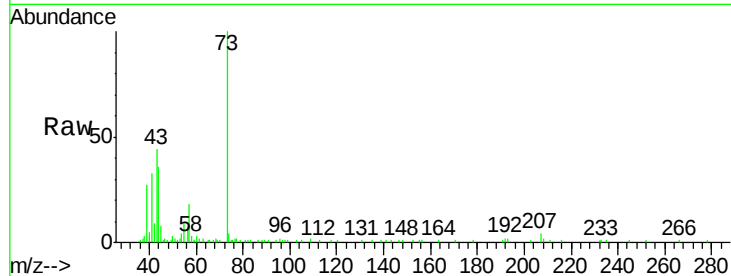


#19

Methyl tert-butyl Ether
Concen: 4.911 ug/l
RT: 2.52 min Scan# 192
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Instrument :
MSVOA_F
ClientSampleId :

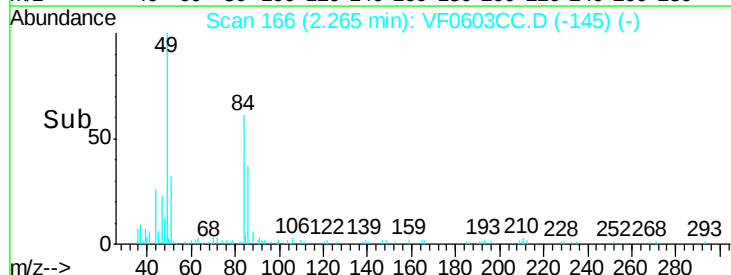
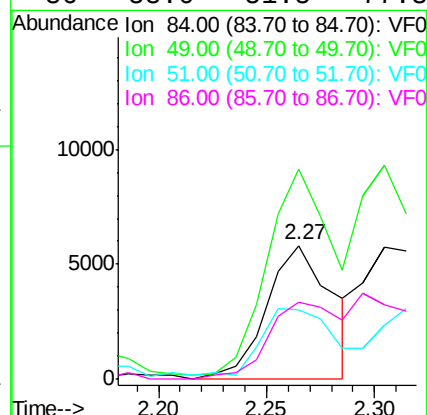
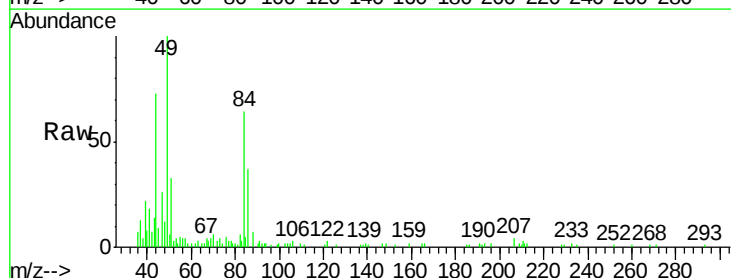
Tgt Ion: 73 Resp: 40664
Ion Ratio Lower Upper
73 100
57 18.5 15.9 23.9

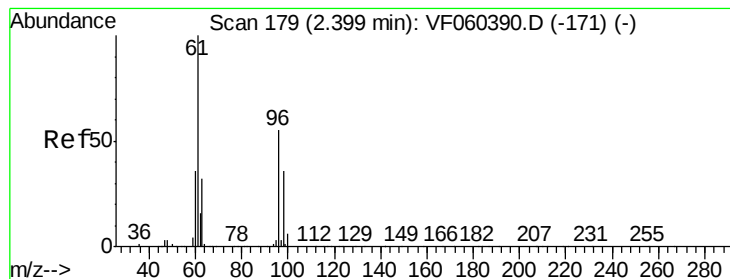


#20

Methylene Chloride
Concen: 3.177 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion: 84 Resp: 12268
Ion Ratio Lower Upper
84 100
49 157.4 130.2 195.2
51 51.8 41.0 61.6
86 58.0 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 5.074 ug/l

RT: 2.40 min Scan# 180

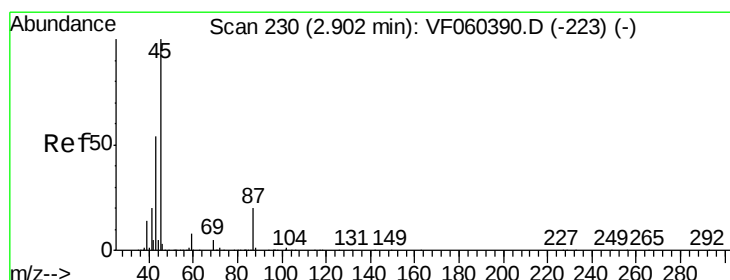
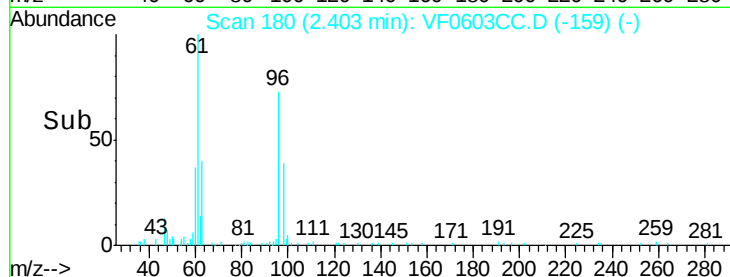
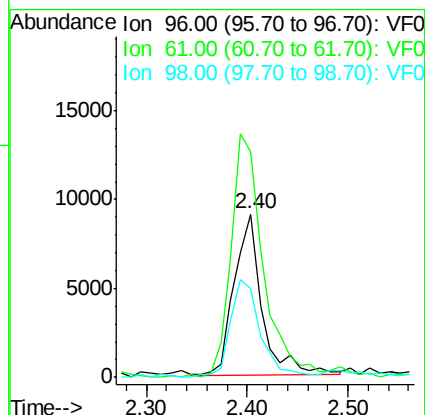
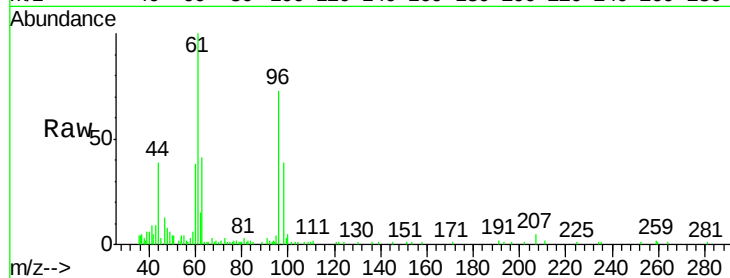
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 17376
Ion Ratio Lower Upper
96 100
61 137.9 146.2 219.2#
98 54.2 52.6 78.8



#22

Diisopropyl ether

Concen: 4.957 ug/l

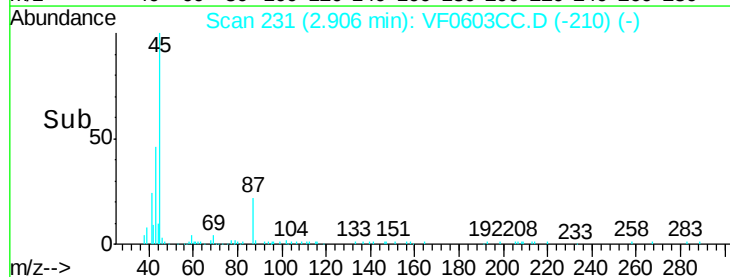
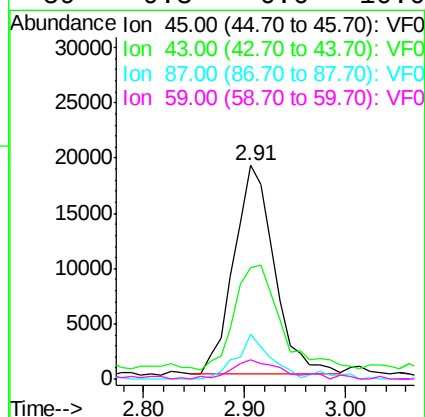
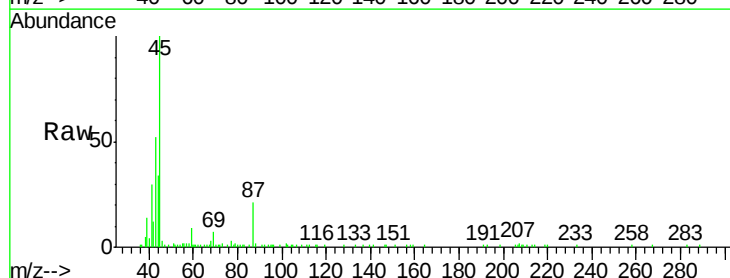
RT: 2.91 min Scan# 231

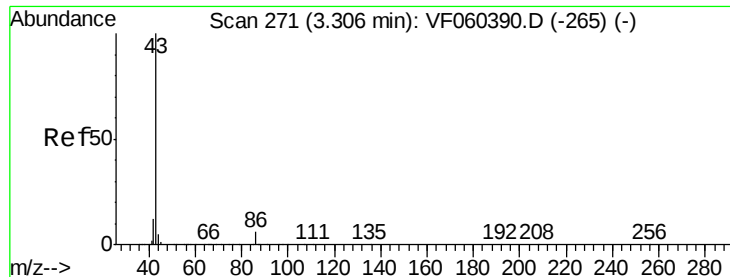
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Tgt Ion: 45 Resp: 52870
Ion Ratio Lower Upper
45 100
43 52.2 43.8 65.8
87 21.2 16.3 24.5
59 9.3 6.6 10.0





#23

Vinyl Acetate

Concen: 26.252 ug/l

RT: 3.31 min Scan# 272

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

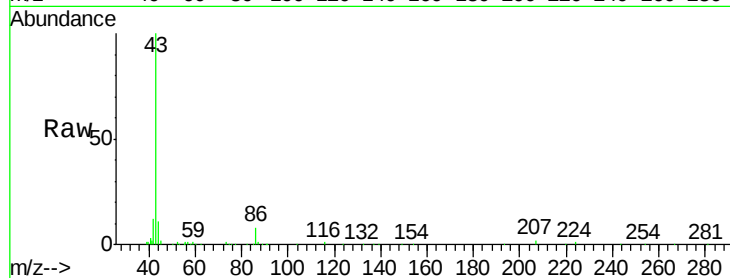
ClientSampleId :

Tgt Ion: 43 Resp: 110508

Ion Ratio Lower Upper

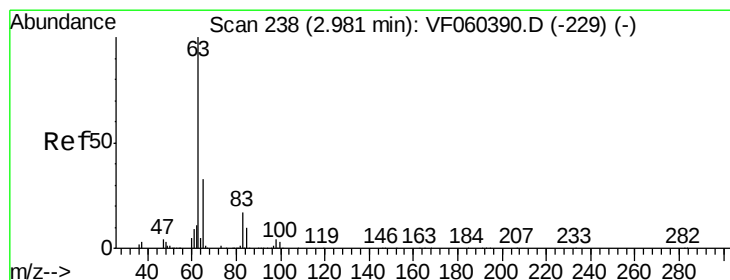
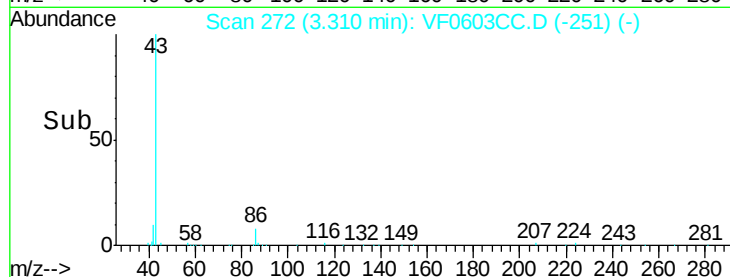
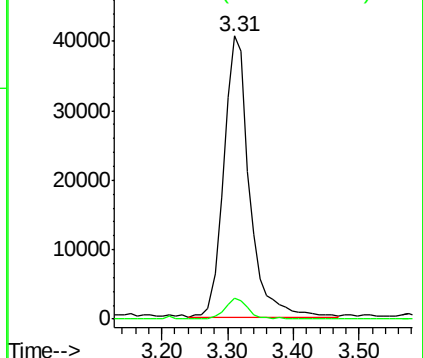
43 100

86 7.5 5.1 7.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 4.860 ug/l

RT: 2.97 min Scan# 238

Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

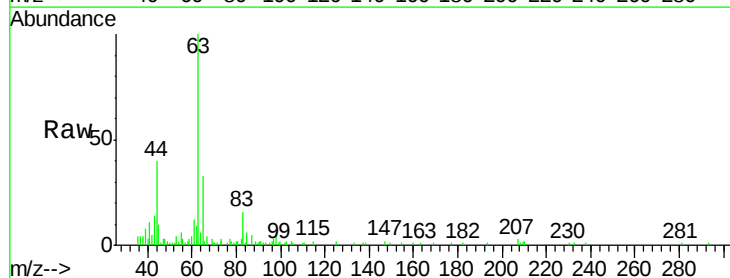
Tgt Ion: 63 Resp: 34187

Ion Ratio Lower Upper

63 100

98 6.2 2.0 5.8#

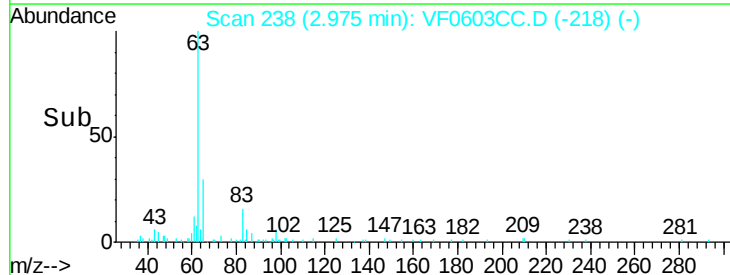
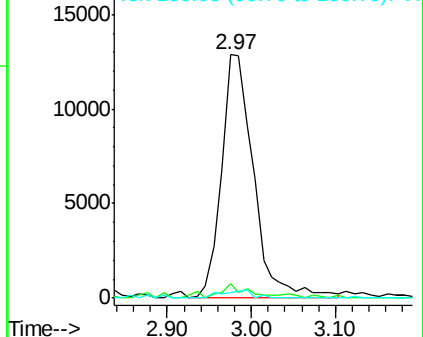
100 2.4 1.4 4.2

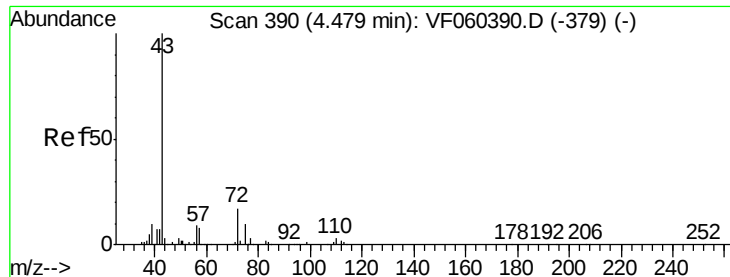


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 24.148 ug/l

RT: 4.49 min Scan# 392

Delta R.T. 0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

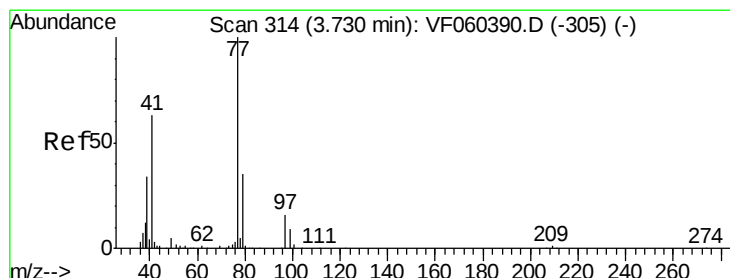
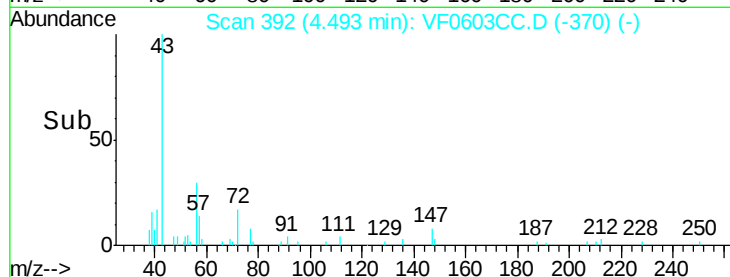
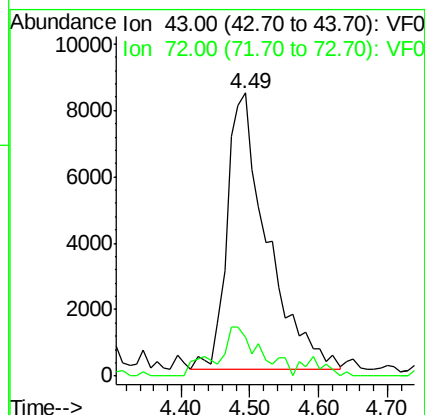
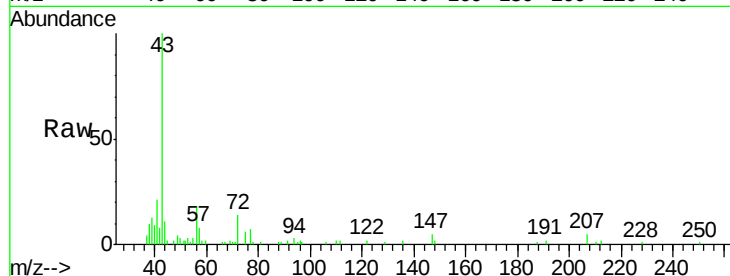
ClientSampleId :

Tgt Ion: 43 Resp: 33638

Ion Ratio Lower Upper

43 100

72 13.8 14.1 21.1#



#26

2,2-Dichloropropane

Concen: 5.385 ug/l

RT: 3.73 min Scan# 315

Delta R.T. 0.00 min

Lab File: VF0603CC.D

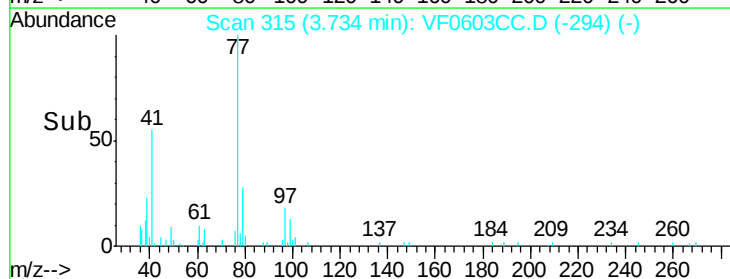
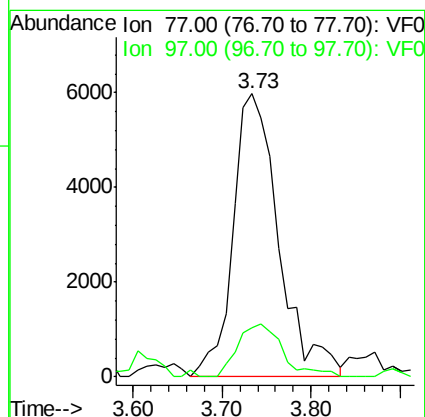
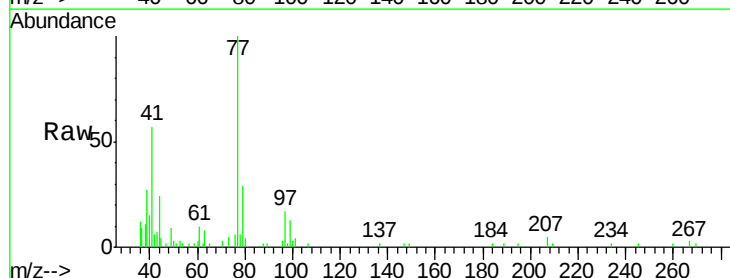
Acq: 1 Oct 2018 16:50

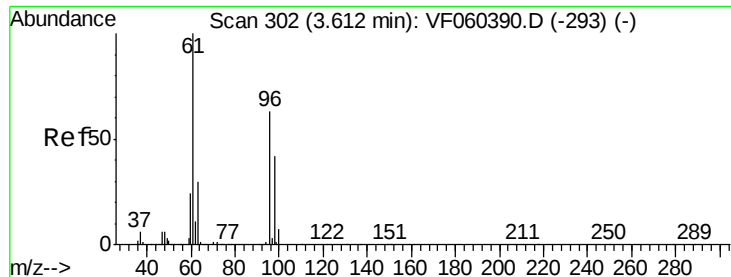
Tgt Ion: 77 Resp: 21367

Ion Ratio Lower Upper

77 100

97 17.4 8.3 25.1



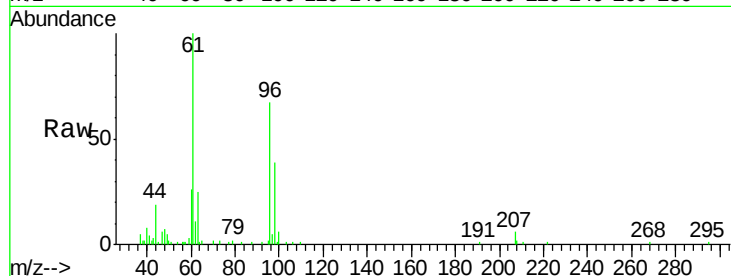


#27

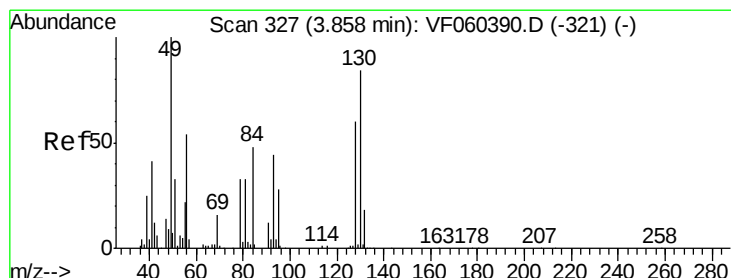
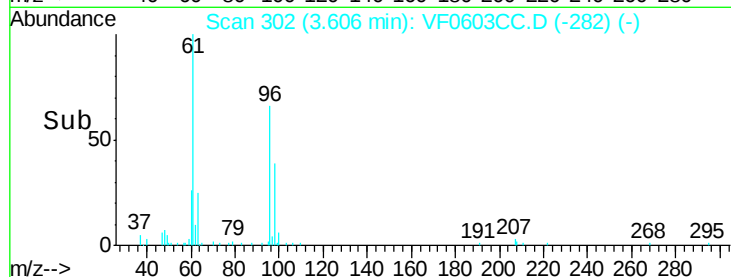
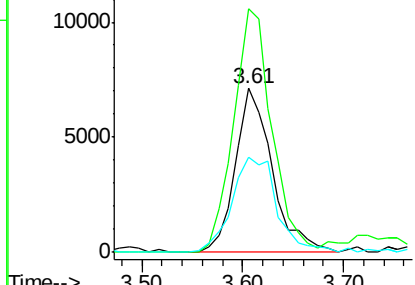
cis-1,2-Dichloroethene
Concen: 4.165 ug/l
RT: 3.61 min Scan# 302
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Instrument :
MSVOA_F
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	318.2
98	53.4	0.0	134.0



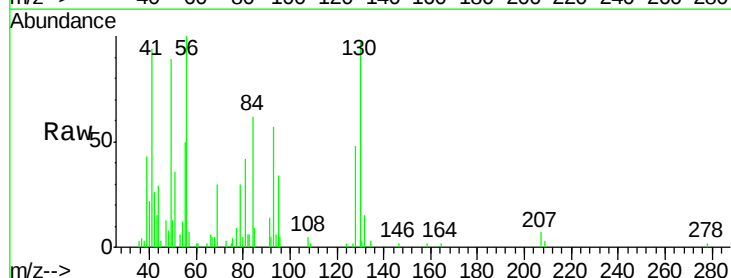
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



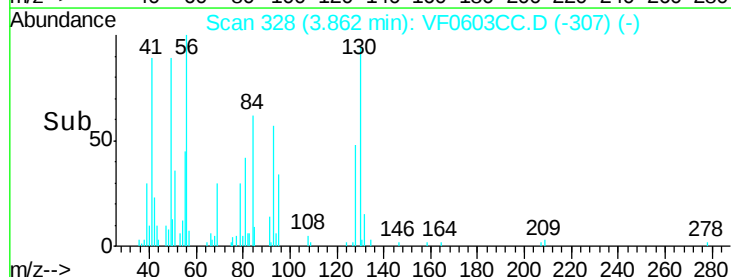
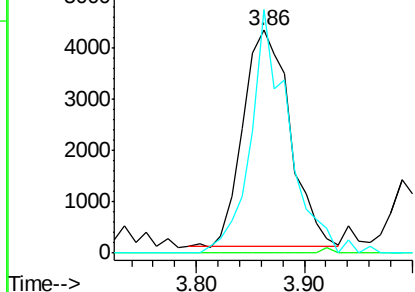
#28

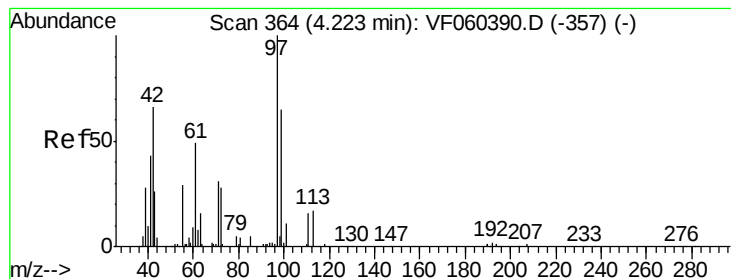
Bromochloromethane
Concen: 4.706 ug/l
RT: 3.86 min Scan# 328
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	109.3	67.3	100.9#



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





#29

Tetrahydrofuran

Concen: 30.702 ug/l

RT: 4.24 min Scan# 366

Delta R.T. 0.01 min

Lab File: VF0603CC.D

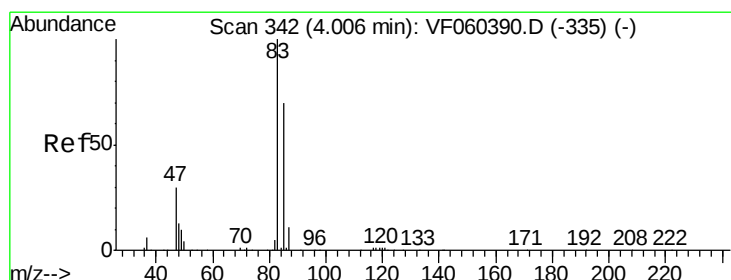
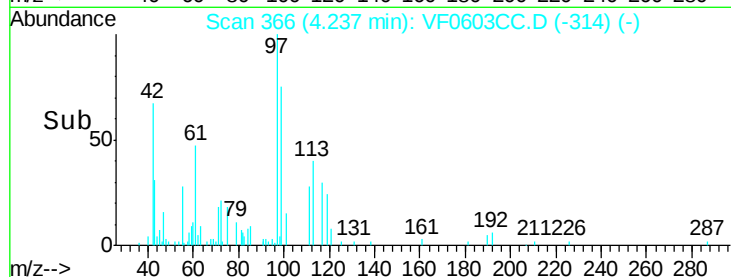
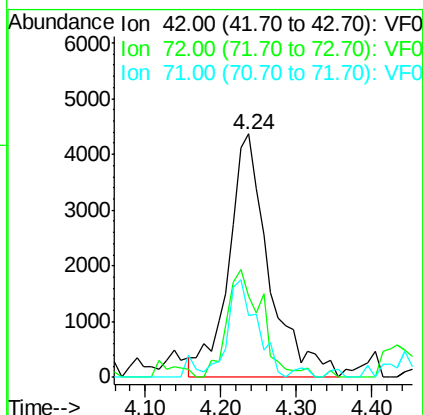
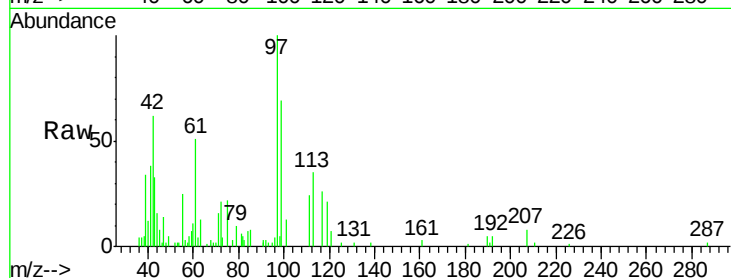
Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

ClientSampleId :

Tgt Ion:	42	Resp:	16075
Ion	Ratio	Lower	Upper
42	100		
72	38.3	33.6	50.4
71	28.8	32.7	49.1#



#30

Chloroform

Concen: 5.344 ug/l

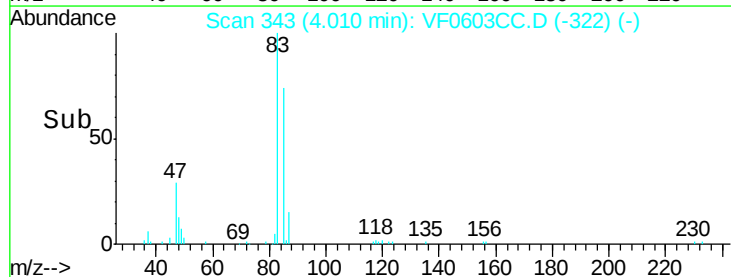
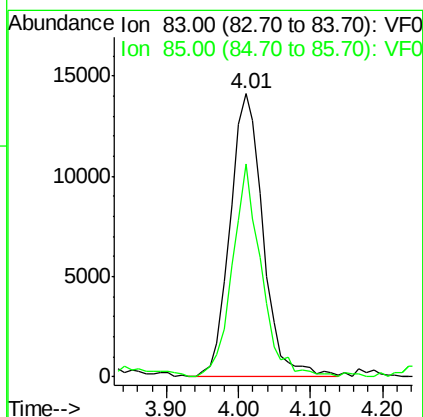
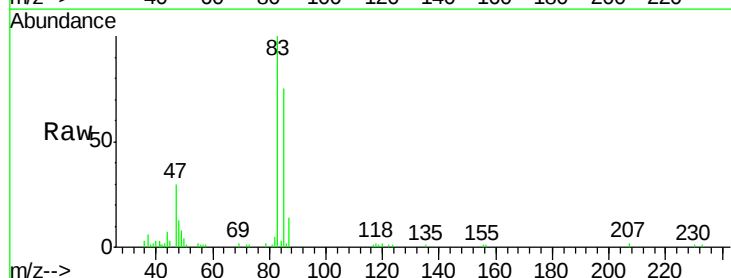
RT: 4.01 min Scan# 343

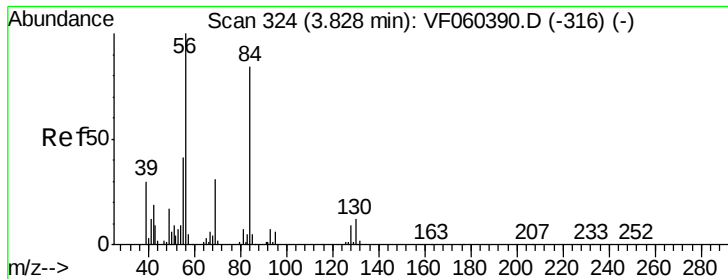
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Tgt Ion:	83	Resp:	45100
Ion	Ratio	Lower	Upper
83	100		
85	75.2	55.9	83.9





#31

Cyclohexane

Concen: 4.495 ug/l

RT: 3.83 min Scan# 325

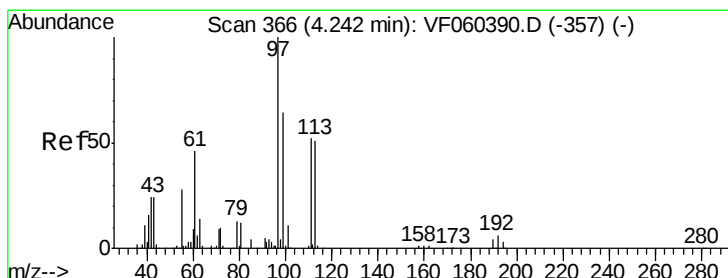
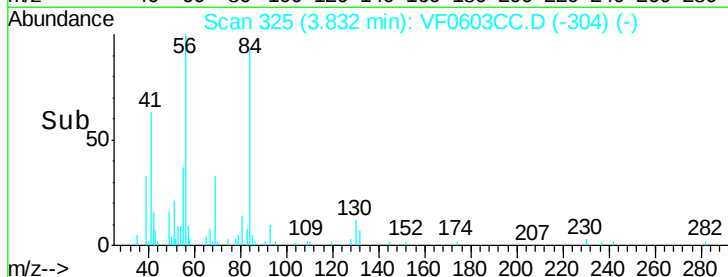
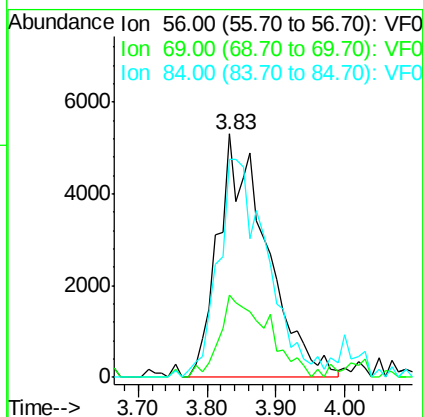
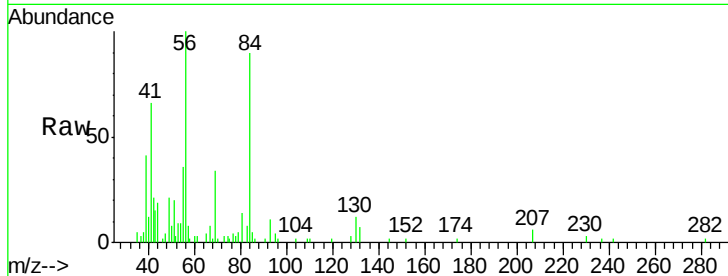
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:	56	Resp:	26099
Ion	Ratio	Lower	Upper
56	100		
69	34.0	25.5	38.3
84	89.5	67.4	101.0



#32

1,1,1-Trichloroethane

Concen: 5.473 ug/l

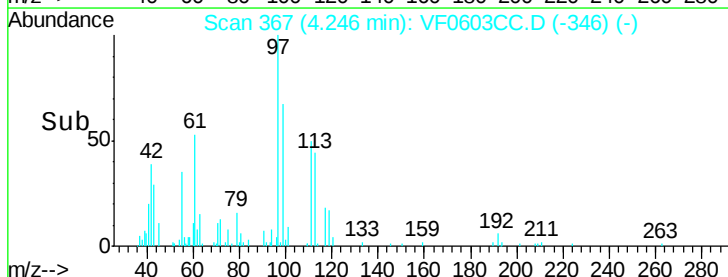
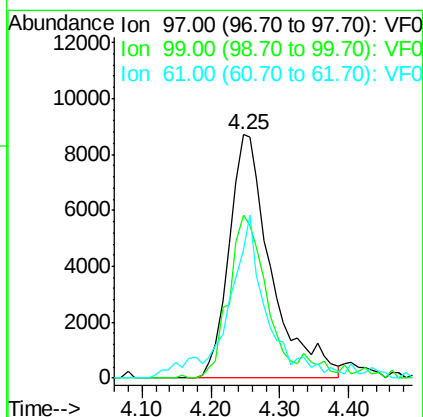
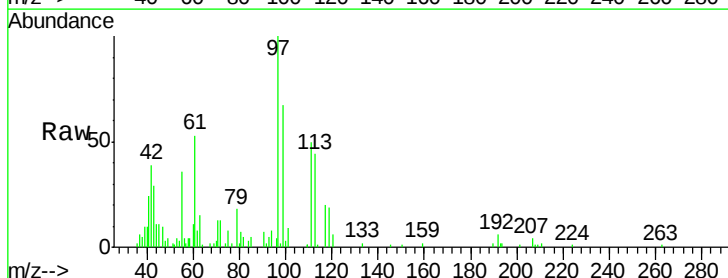
RT: 4.25 min Scan# 367

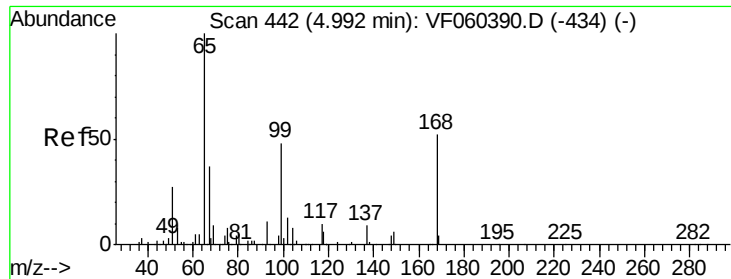
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Tgt Ion:	97	Resp:	37010
Ion	Ratio	Lower	Upper
97	100		
99	66.7	51.0	76.4
61	52.6	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 6.014 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

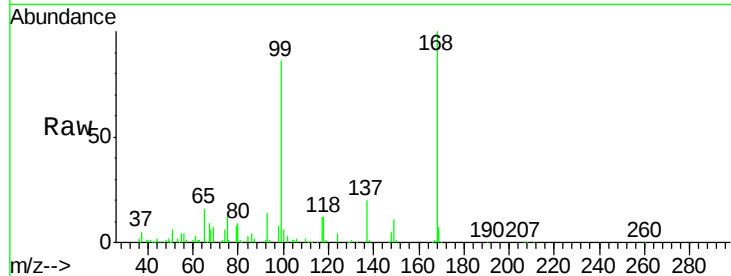
ClientSampleId :

Tgt Ion: 65 Resp: 23998

Ion Ratio Lower Upper

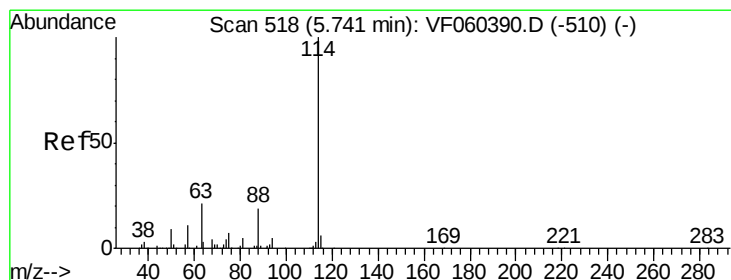
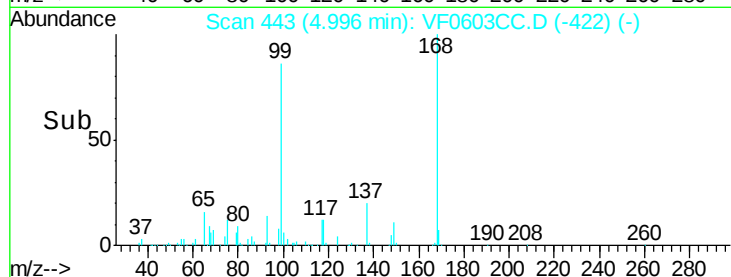
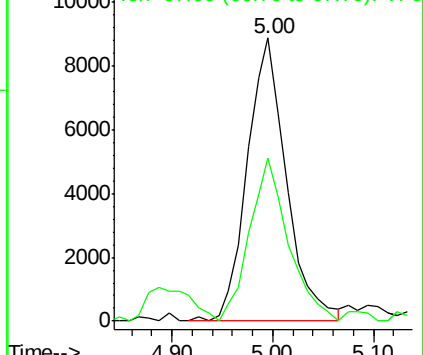
65 100

67 57.8 0.0 89.4



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: 5.73 min Scan# 518

Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

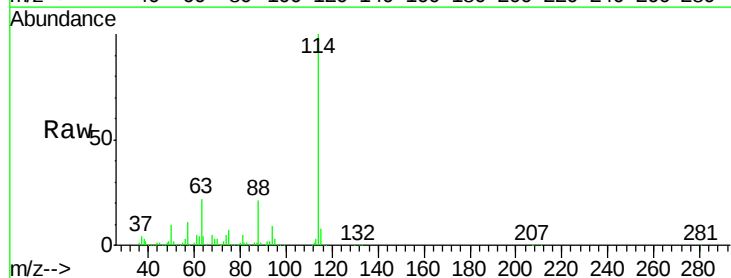
Tgt Ion: 114 Resp: 461077

Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

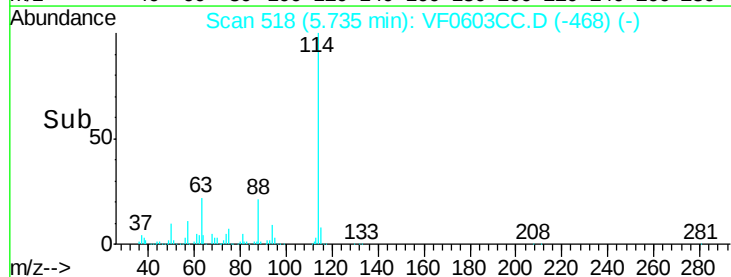
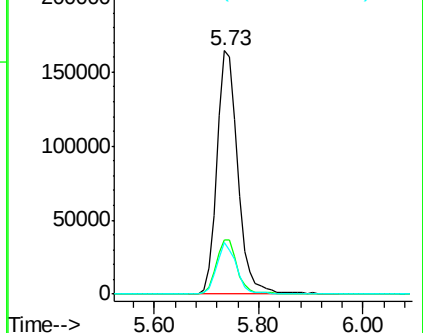
88 21.0 0.0 38.8

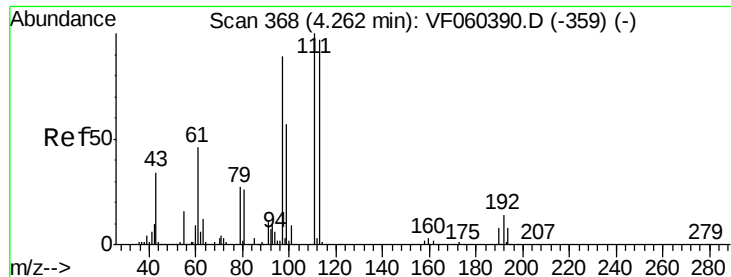


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

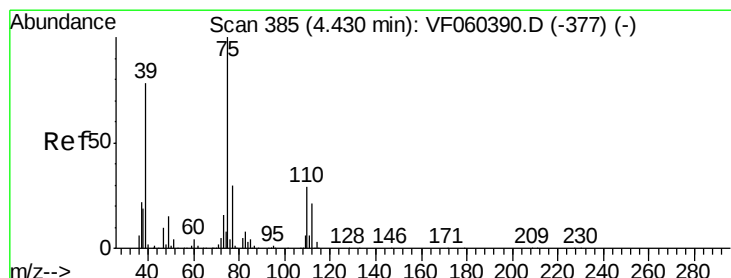
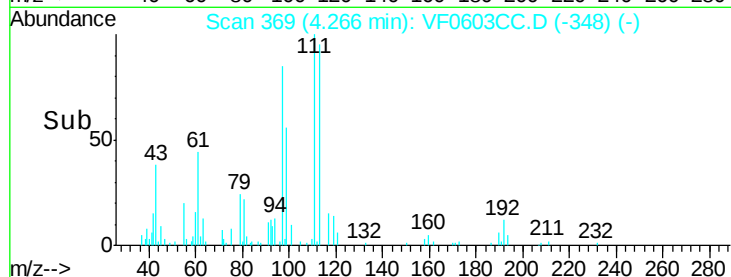
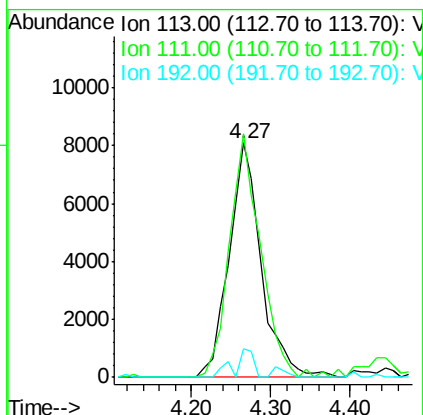
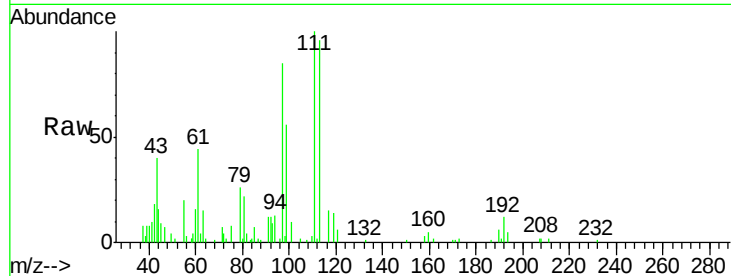




#35
 Dibromofluoromethane
 Concen: 5.448 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VF0603CC.D
 Acq: 1 Oct 2018 16:50

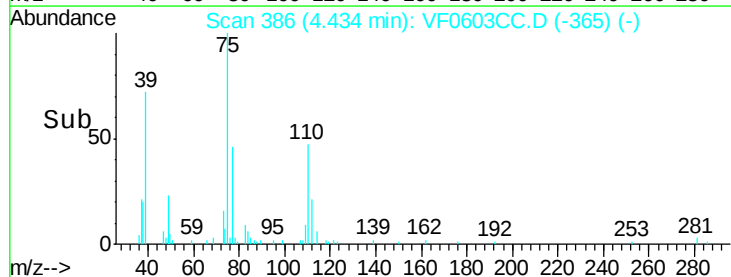
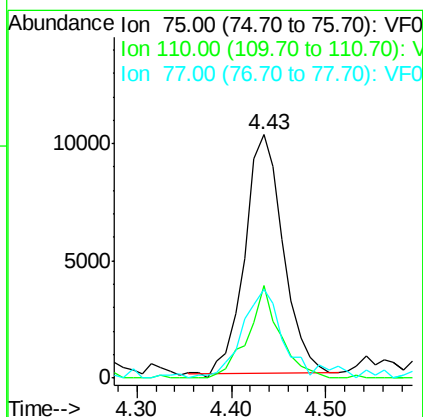
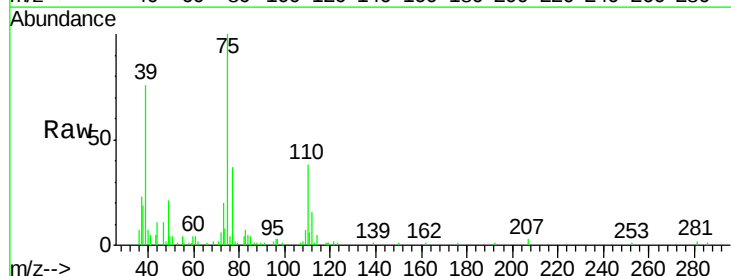
Instrument :
 MSVOA_F
 ClientSampleId :

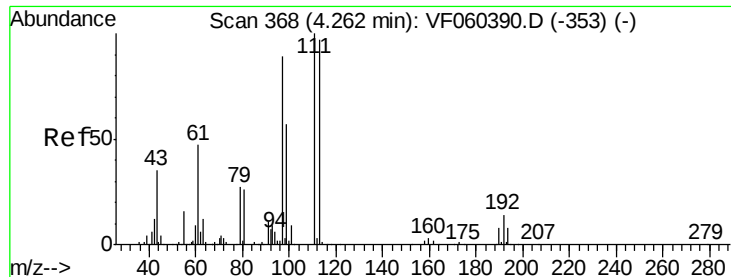
Tgt Ion:113 Resp: 22829
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.3 123.5
 192 12.4 11.8 17.6



#36
 1,1-Dichloropropene
 Concen: 4.890 ug/l
 RT: 4.43 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VF0603CC.D
 Acq: 1 Oct 2018 16:50

Tgt Ion: 75 Resp: 28356
 Ion Ratio Lower Upper
 75 100
 110 38.2 14.5 43.6
 77 36.7 24.3 36.5#

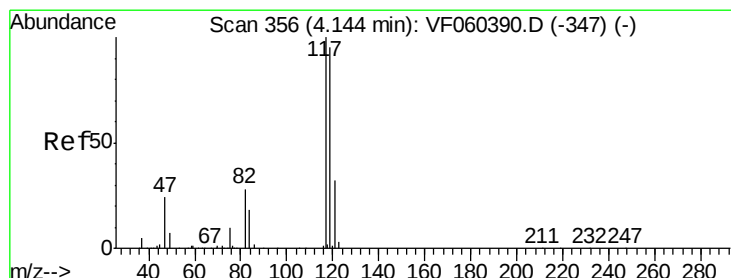
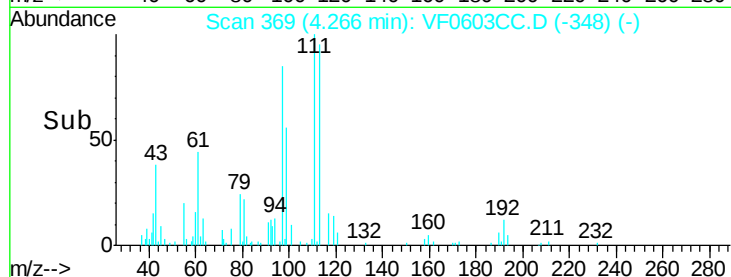
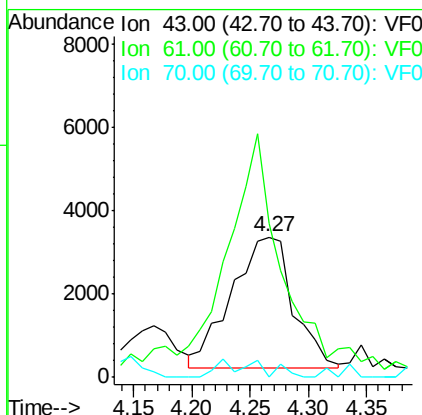
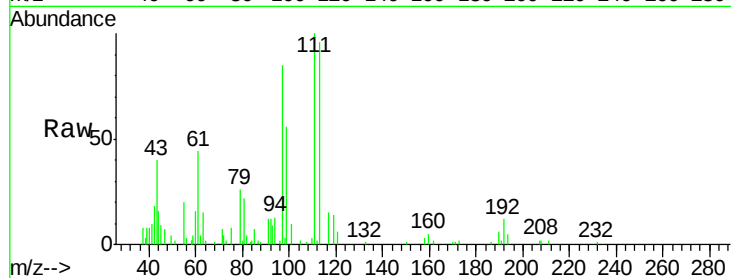




#37
Ethyl Acetate
Concen: 4.803 ug/l
RT: 4.27 min Scan# 369
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

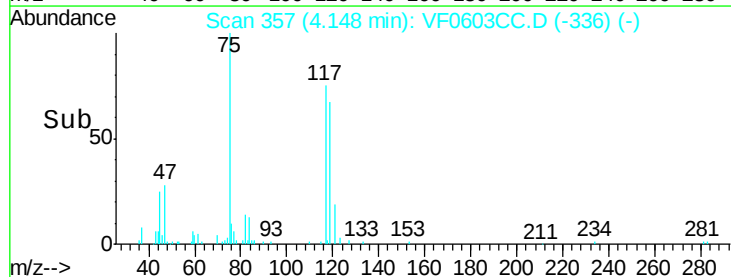
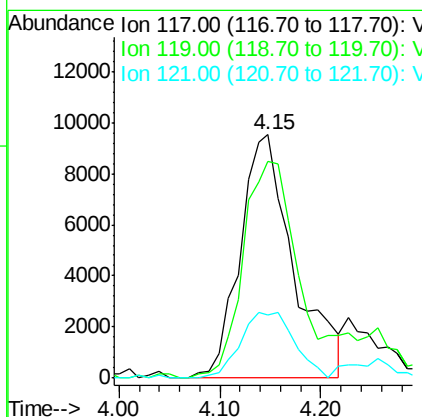
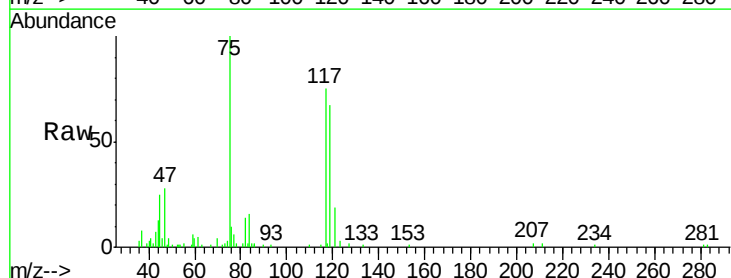
Instrument :
MSVOA_F
ClientSampleId :

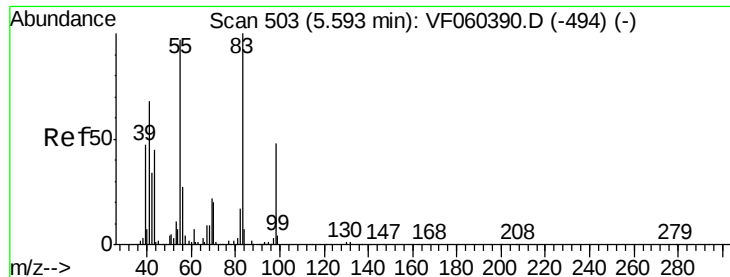
Tgt Ion: 43 Resp: 11508
Ion Ratio Lower Upper
43 100
61 109.8 105.1 157.7
70 0.0 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 4.15 min Scan# 357
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion: 117 Resp: 35325
Ion Ratio Lower Upper
117 100
119 89.1 75.5 113.3
121 25.8 25.4 38.0

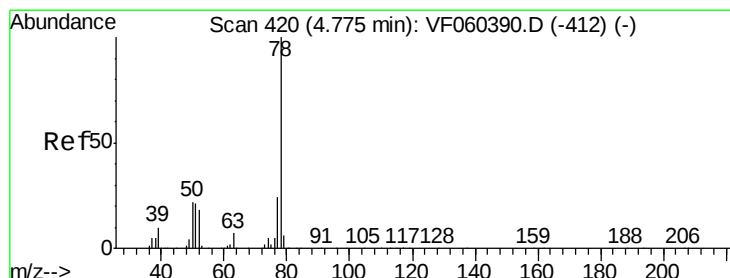
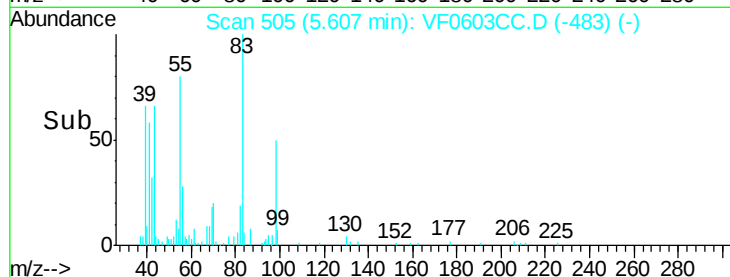
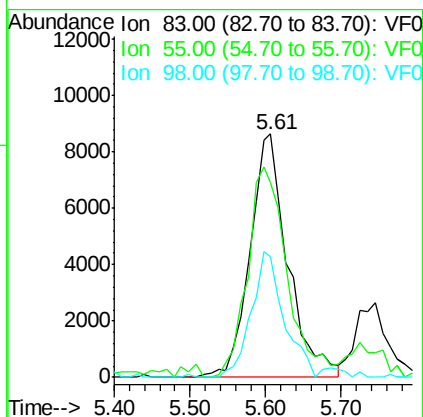
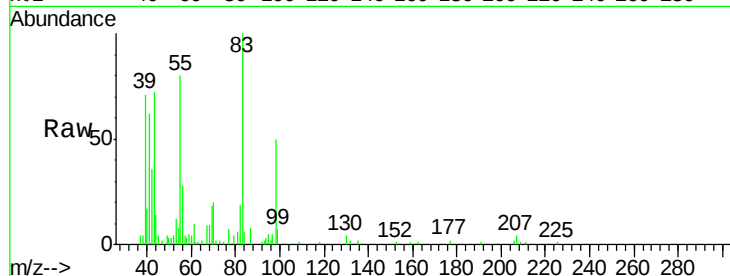




#39
Methylcyclohexane
Concen: 4.917 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

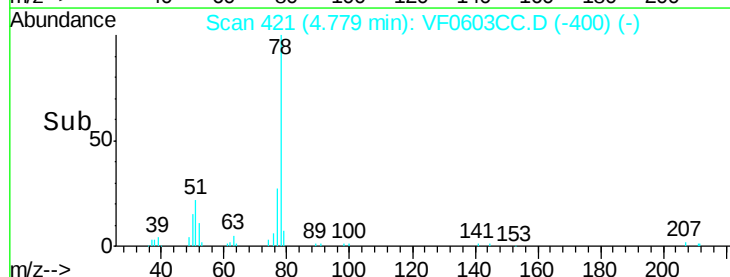
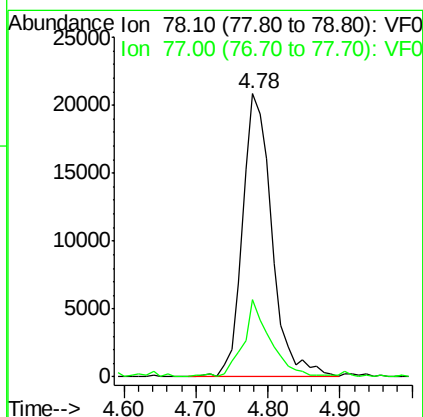
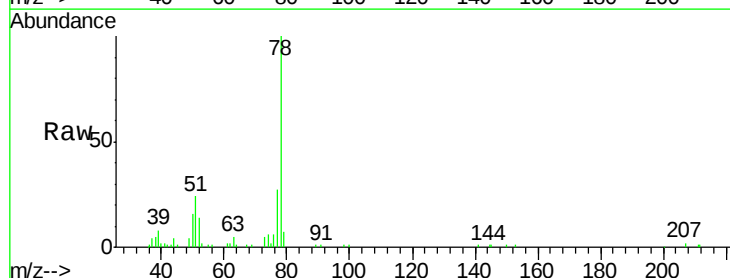
Instrument :
MSVOA_F
ClientSampleId :

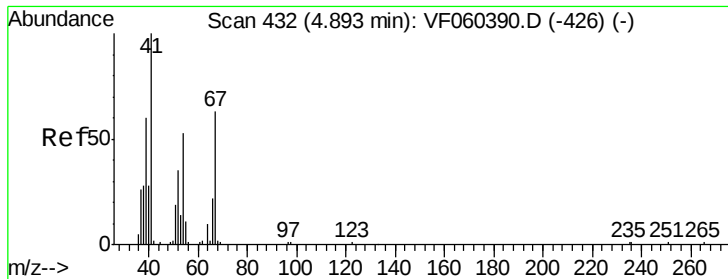
Tgt Ion: 83 Resp: 29957
Ion Ratio Lower Upper
83 100
55 80.2 77.5 116.3
98 49.7 38.7 58.1



#40
Benzene
Concen: 4.644 ug/l
RT: 4.78 min Scan# 421
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion: 78 Resp: 59232
Ion Ratio Lower Upper
78 100
77 27.3 19.2 28.8

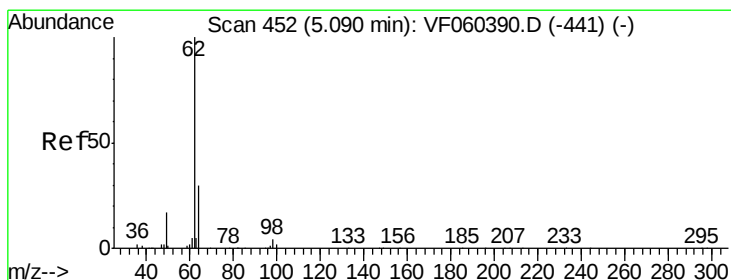
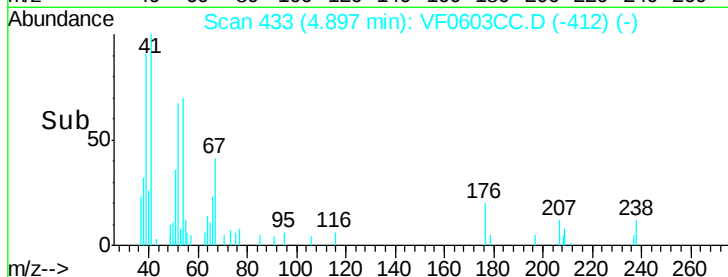
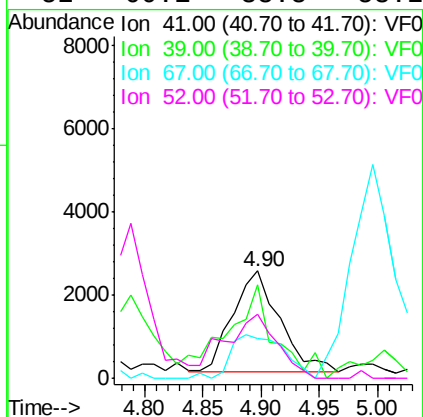
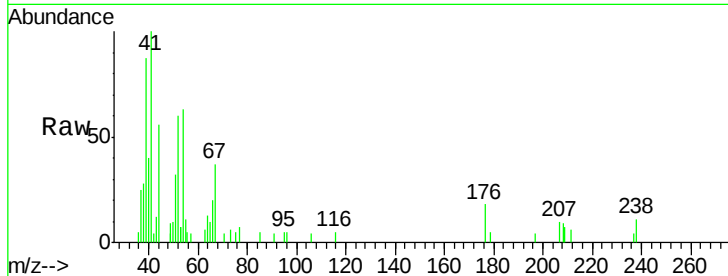




#41
Methacrylonitrile
Concen: 5.366 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

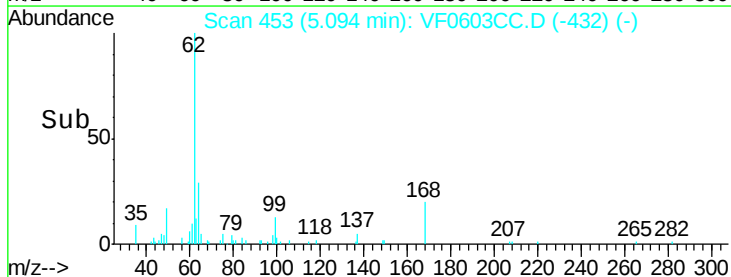
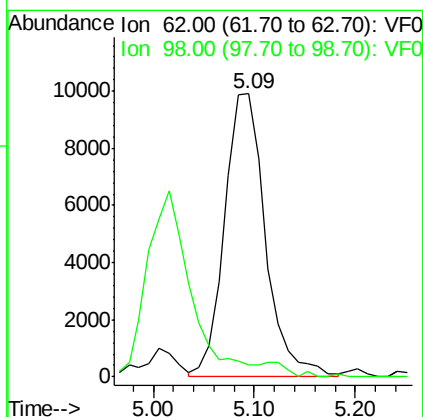
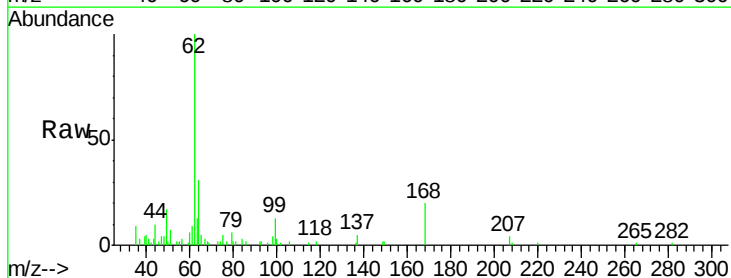
Instrument :
MSVOA_F
ClientSampleId :

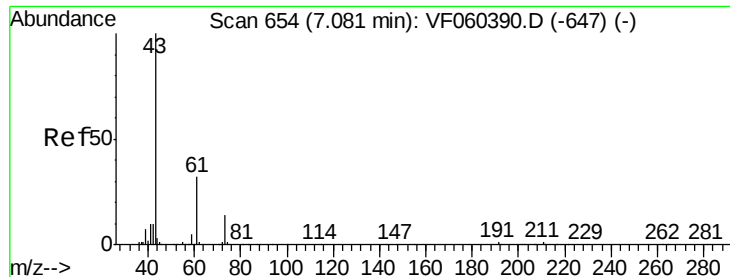
Tgt Ion:	41	Resp:	6897
Ion	Ratio	Lower	Upper
41	100		
39	86.5	55.0	82.4#
67	37.0	49.6	74.4#
52	60.1	38.8	58.2#



#42
1,2-Dichloroethane
Concen: 5.672 ug/l
RT: 5.09 min Scan# 453
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion:	62	Resp:	28006
Ion	Ratio	Lower	Upper
62	100		
98	4.3	0.0	11.2





#43

Isopropyl Acetate

Concen: 5.155 ug/l

RT: 7.10 min Scan# 656

Delta R.T. 0.01 min

Lab File: VF0603CC.D

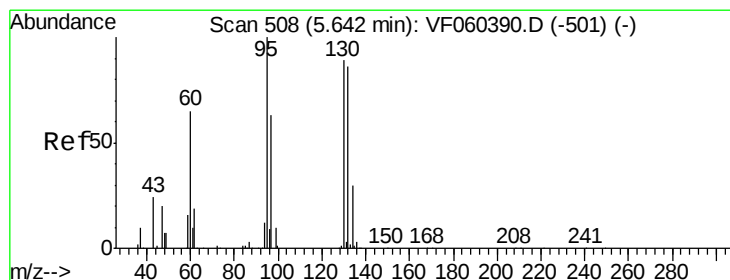
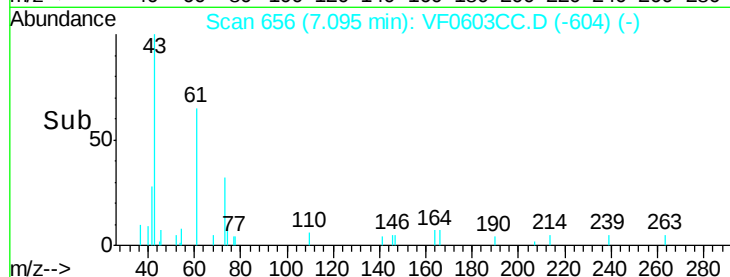
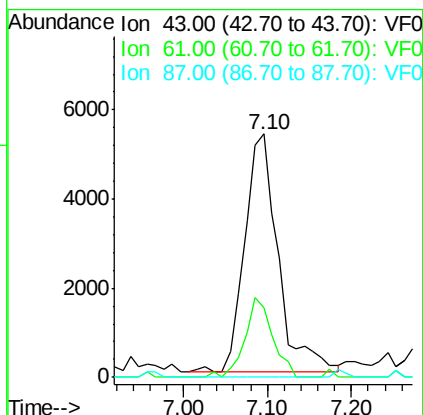
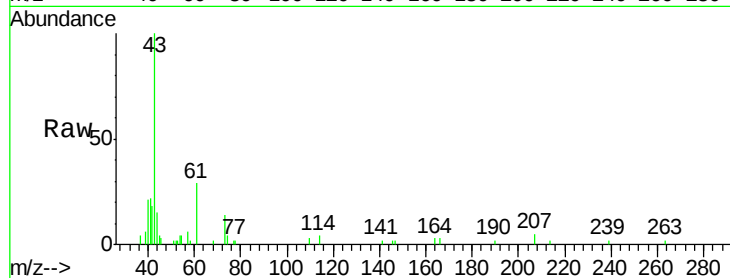
Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

ClientSampleId :

Tgt Ion:	43	Resp:	14884
Ion	Ratio	Lower	Upper
43	100		
61	28.6	25.4	38.2
87	0.0	0.3	0.5#



#44

Trichloroethene

Concen: 5.207 ug/l

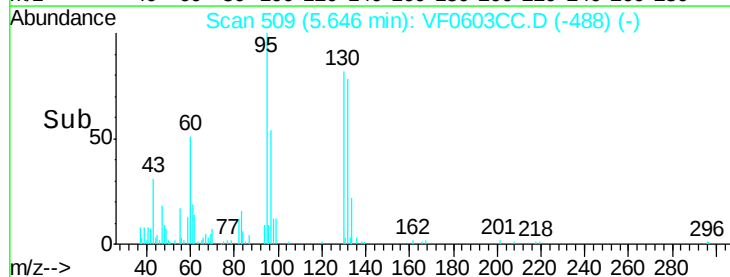
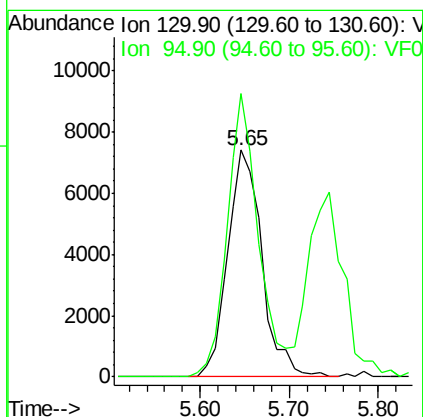
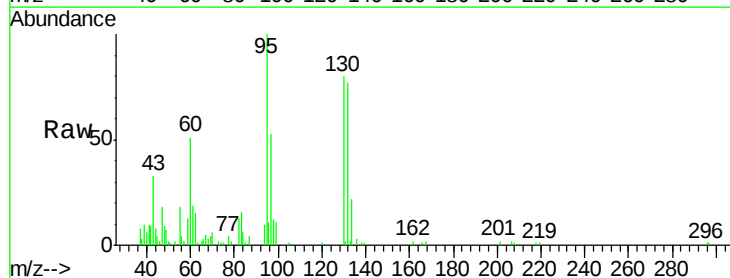
RT: 5.65 min Scan# 509

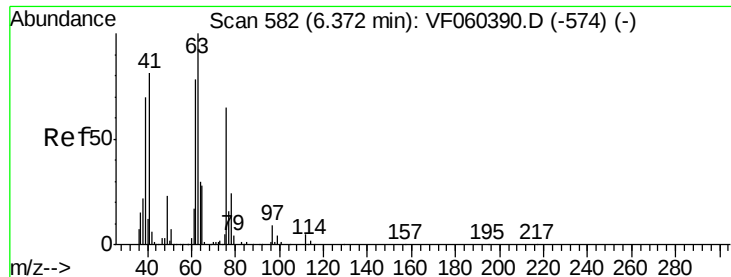
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Tgt Ion:	130	Resp:	19893
Ion	Ratio	Lower	Upper
130	100		
95	125.0	0.0	224.4





#45

1,2-Dichloropropane

Concen: 4.823 ug/l

RT: 6.37 min Scan# 582

Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

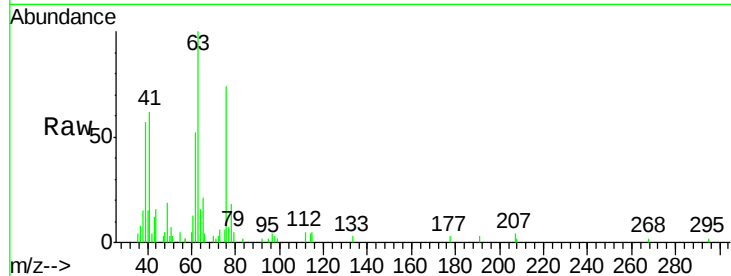
ClientSampleId :

Tgt Ion: 63 Resp: 16026

Ion Ratio Lower Upper

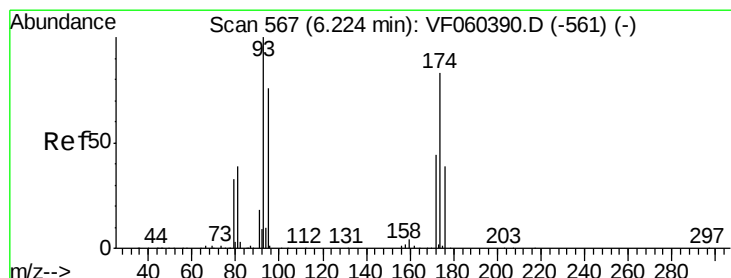
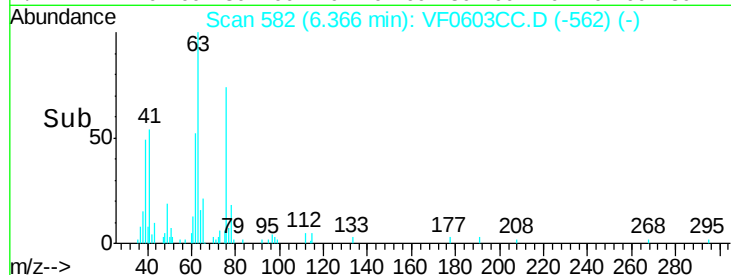
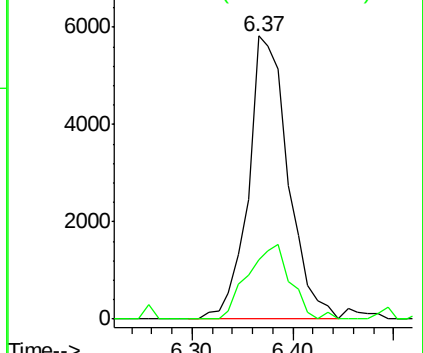
63 100

65 21.1 22.7 34.1#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 5.326 ug/l

RT: 6.23 min Scan# 568

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

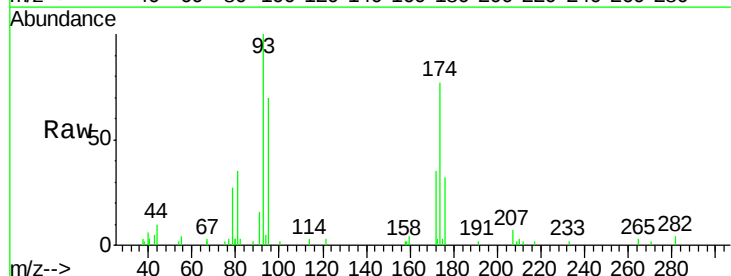
Tgt Ion: 93 Resp: 12928

Ion Ratio Lower Upper

93 100

95 70.4 61.1 91.7

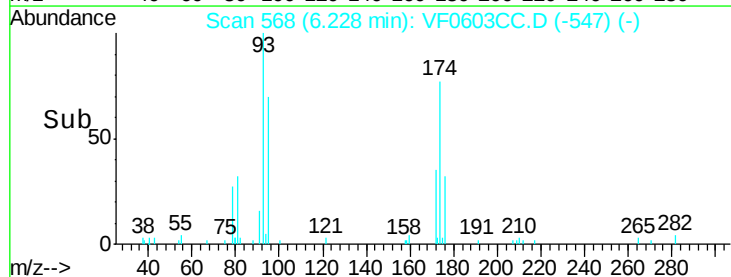
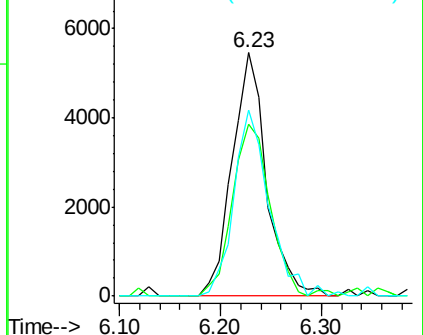
174 76.6 66.7 100.1

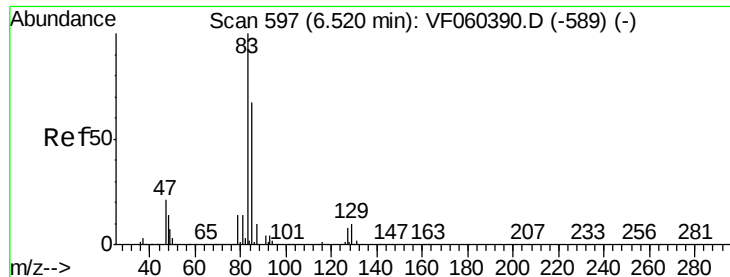


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 5.619 ug/l

RT: 6.52 min Scan# 598

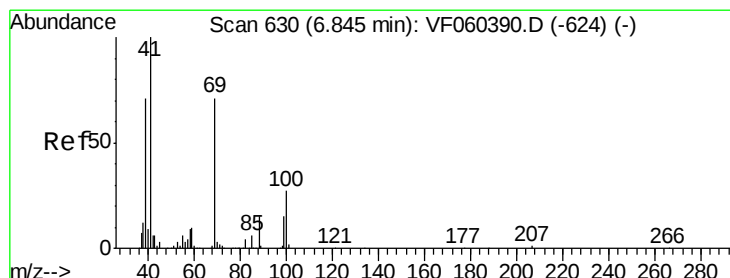
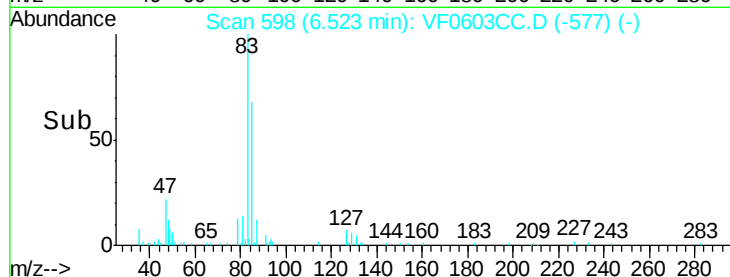
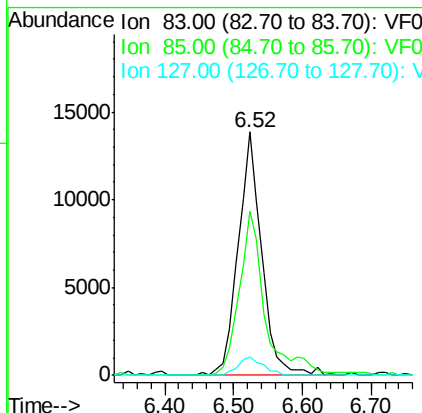
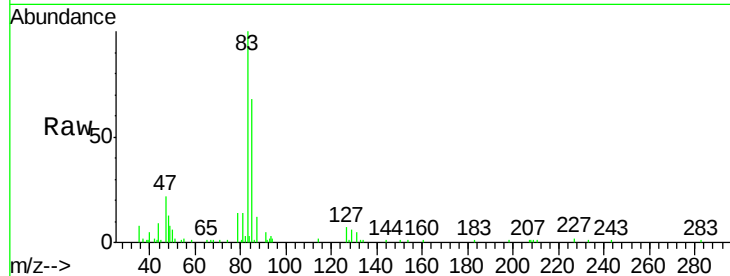
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:	83	Resp:	32933
Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.2	79.8
127	8.1	6.6	9.8



#49

1,4-Dioxane

Concen: 74.995 ug/l

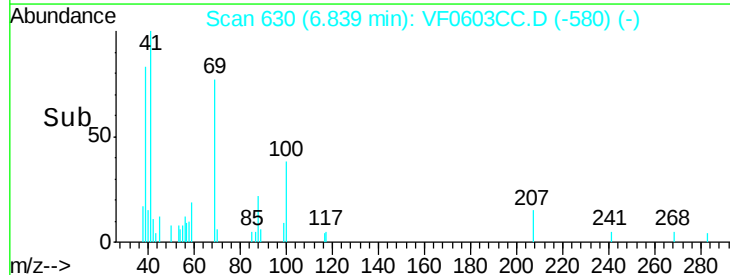
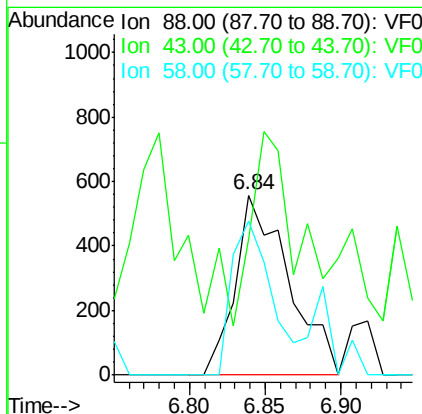
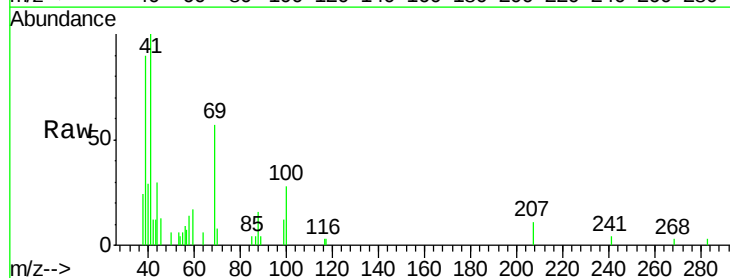
RT: 6.84 min Scan# 630

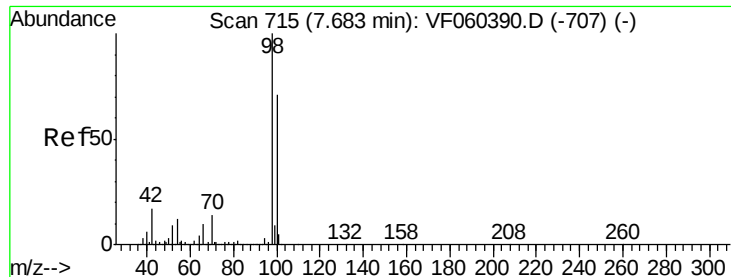
Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Tgt Ion:	88	Resp:	1363
Ion	Ratio	Lower	Upper
88	100		
43	75.8	38.3	57.5#
58	85.8	47.4	71.2#

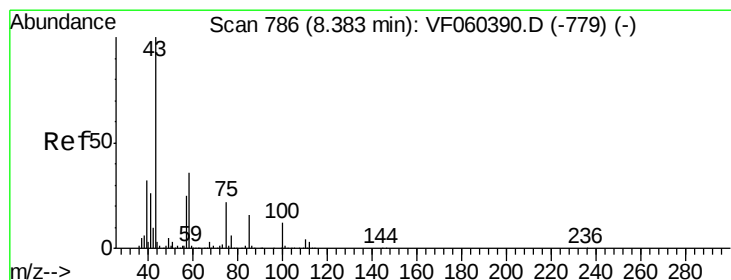
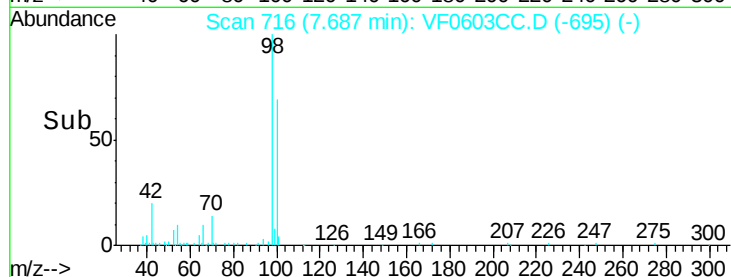
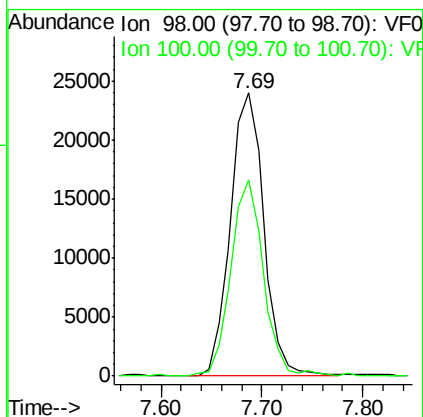
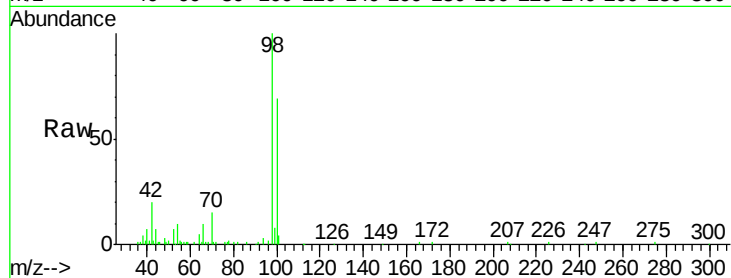




#50
Toluene-d8
Concen: 5.152 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

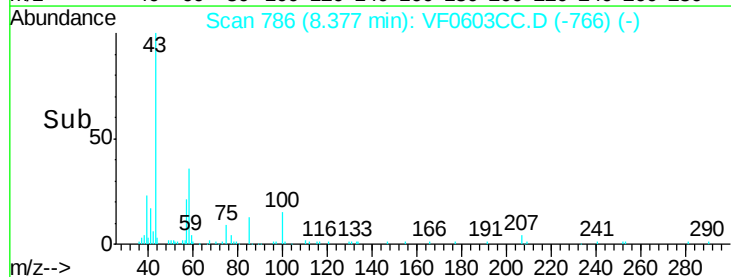
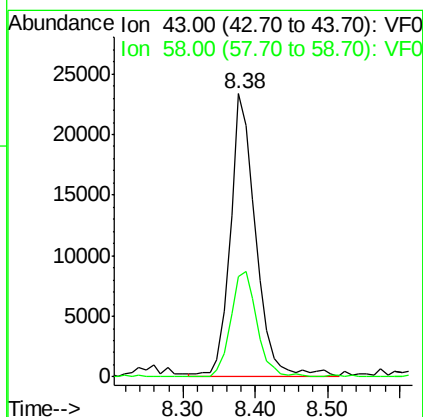
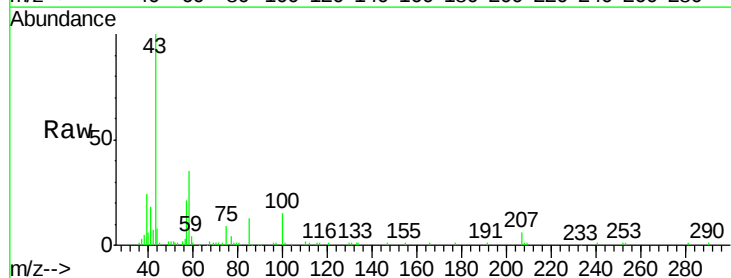
Instrument :
MSVOA_F
ClientSampleId :

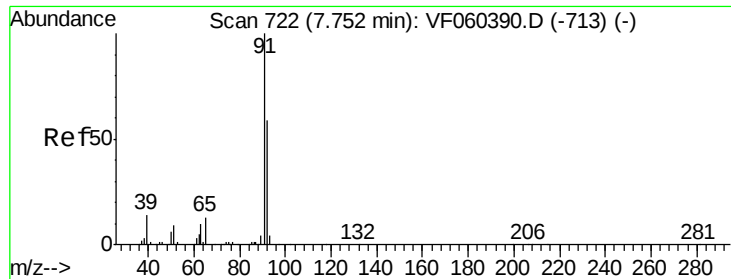
Tgt Ion: 98 Resp: 55428
Ion Ratio Lower Upper
98 100
100 69.5 56.5 84.7



#51
4-Methyl-2-Pentanone
Concen: 26.518 ug/l
RT: 8.38 min Scan# 786
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion: 43 Resp: 57479
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7





#52

Toluene

Concen: 5.236 ug/l

RT: 7.76 min Scan# 723

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

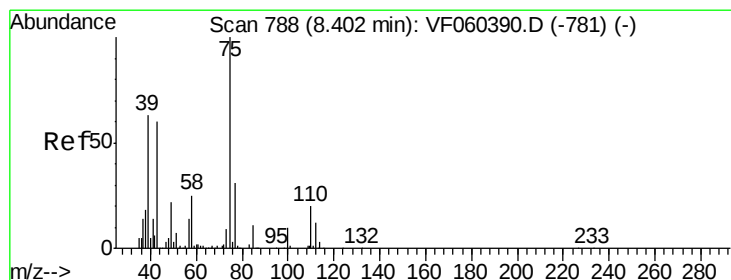
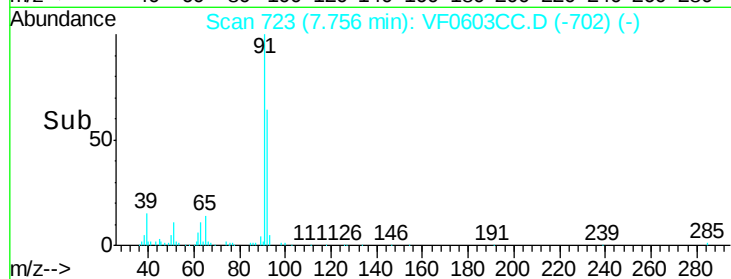
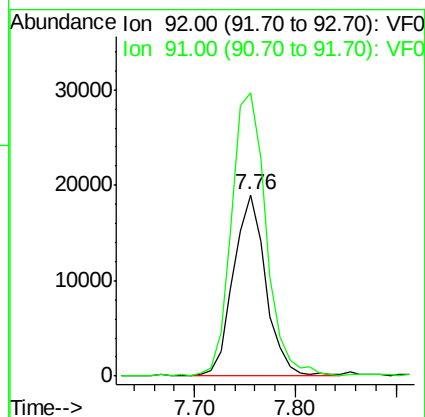
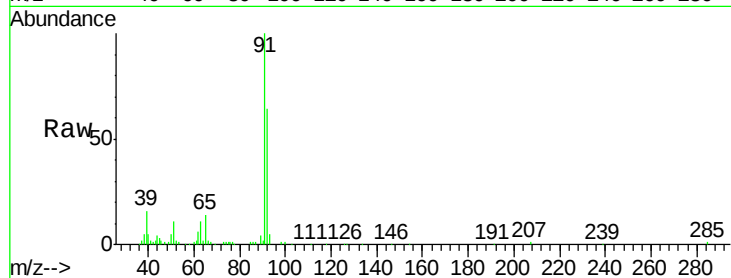
ClientSampleId :

Tgt Ion: 92 Resp: 42613

Ion Ratio Lower Upper

92 100

91 156.2 135.4 203.0



#53

t-1,3-Dichloropropene

Concen: 5.805 ug/l

RT: 8.41 min Scan# 789

Delta R.T. 0.00 min

Lab File: VF0603CC.D

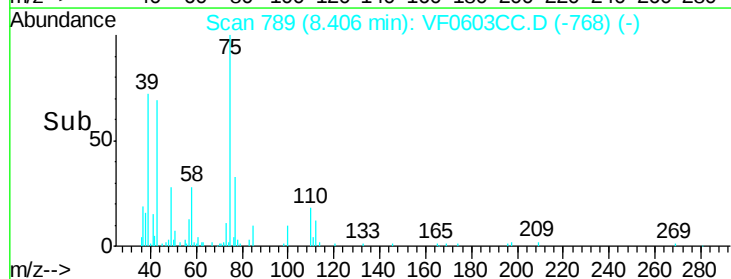
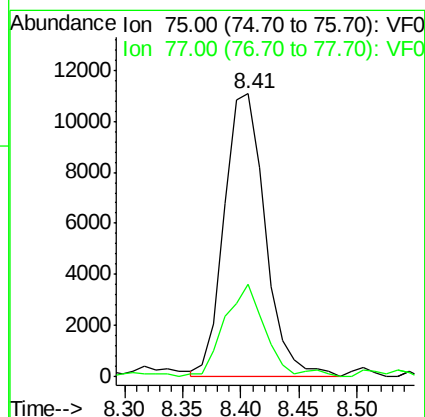
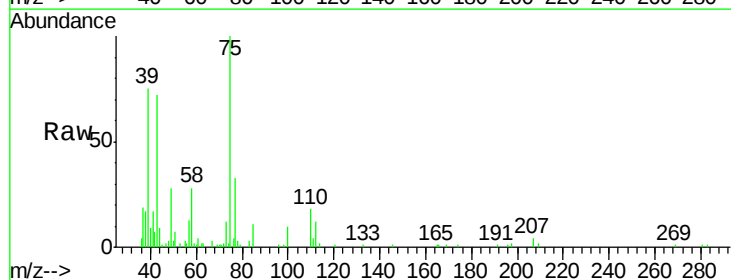
Acq: 1 Oct 2018 16:50

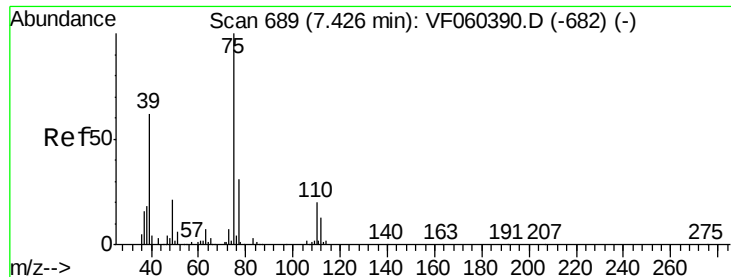
Tgt Ion: 75 Resp: 27121

Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8





#54

cis-1,3-Dichloropropene

Concen: 5.099 ug/l

RT: 7.43 min Scan# 690

Delta R.T. 0.00 min

Lab File: VF0603CC.D

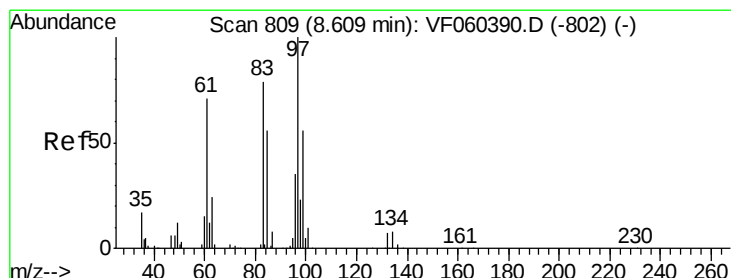
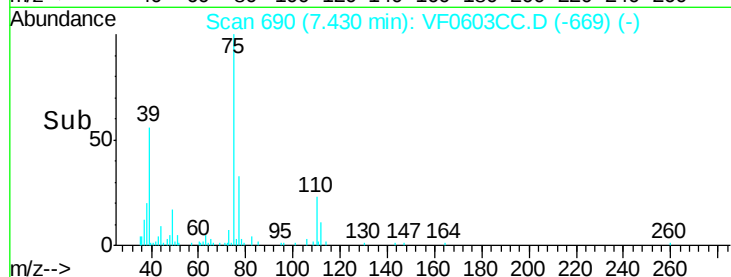
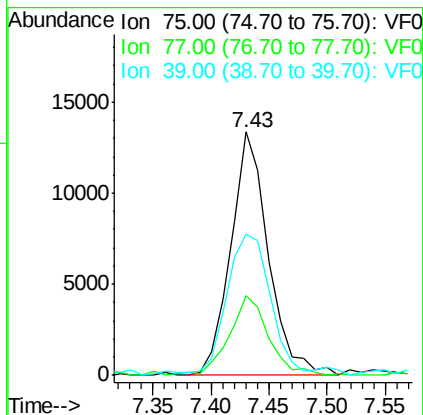
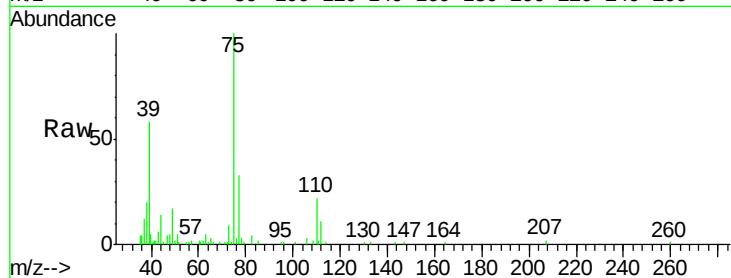
Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

ClientSampleId :

Tgt Ion:	75	Resp:	29891
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.2	37.8
39	58.1	49.7	74.5



#55

1,1,2-Trichloroethane

Concen: 5.429 ug/l

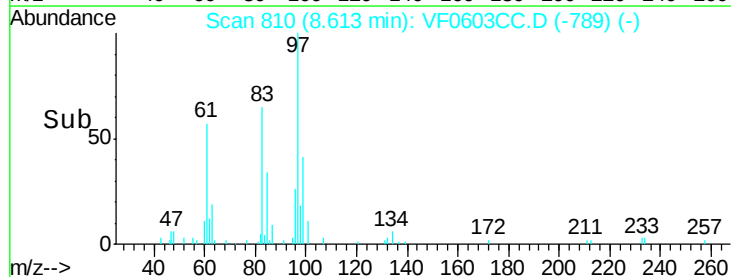
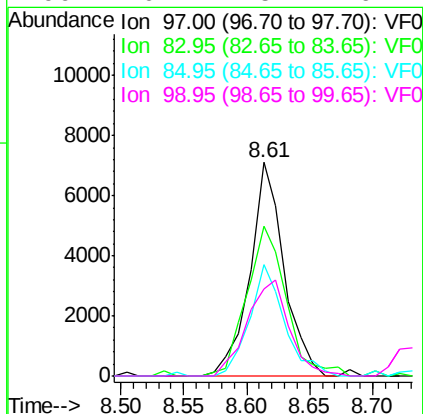
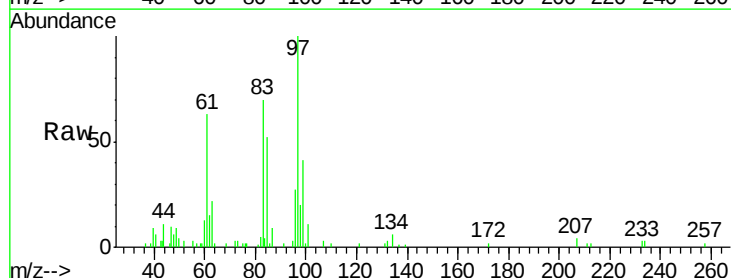
RT: 8.61 min Scan# 810

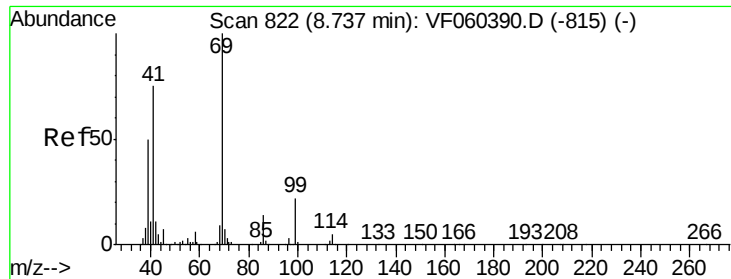
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Tgt Ion:	97	Resp:	13406
Ion	Ratio	Lower	Upper
97	100		
83	69.9	63.4	95.0
85	52.1	44.5	66.7
99	40.7	45.1	67.7#





#56

Ethyl methacrylate

Concen: 5.006 ug/l

RT: 8.74 min Scan# 823

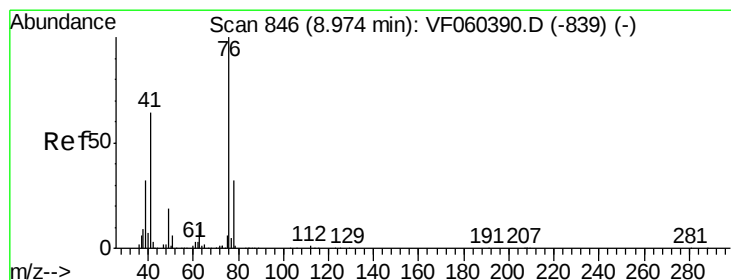
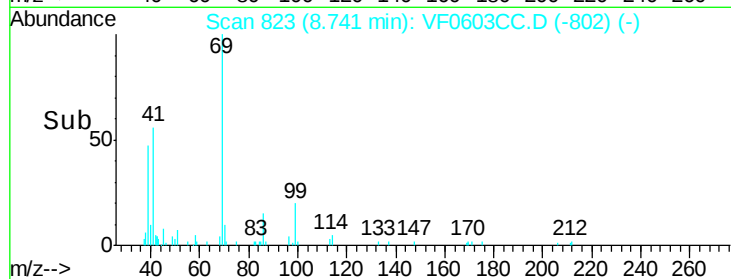
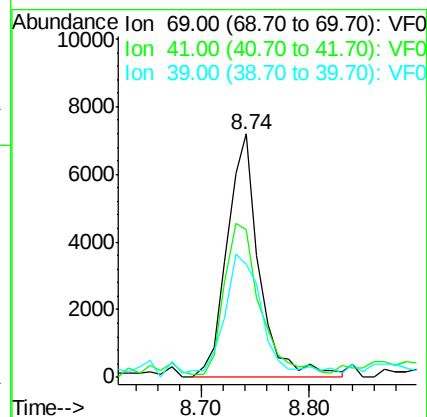
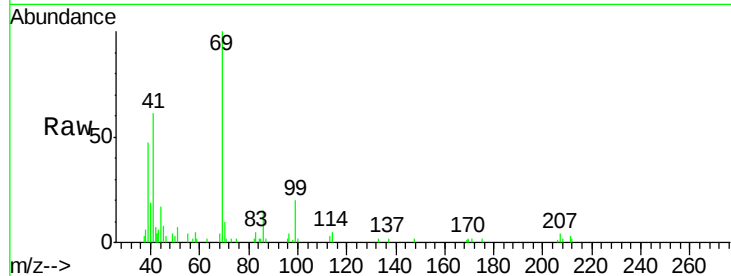
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:	69	Resp:	14945
Ion	Ratio	Lower	Upper
69	100		
41	60.8	60.2	90.4
39	46.6	40.2	60.2



#57

1,3-Dichloropropane

Concen: 5.413 ug/l

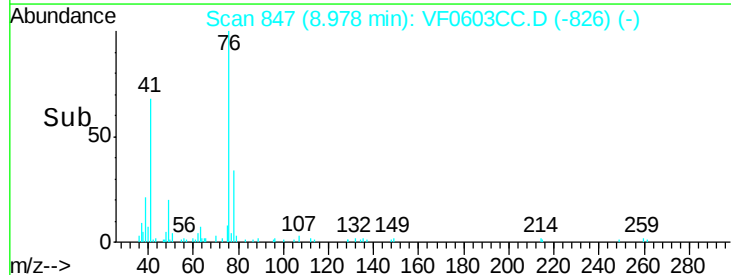
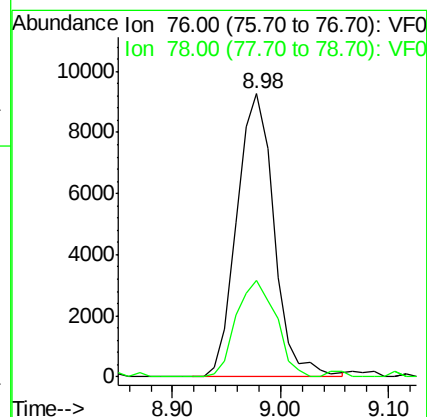
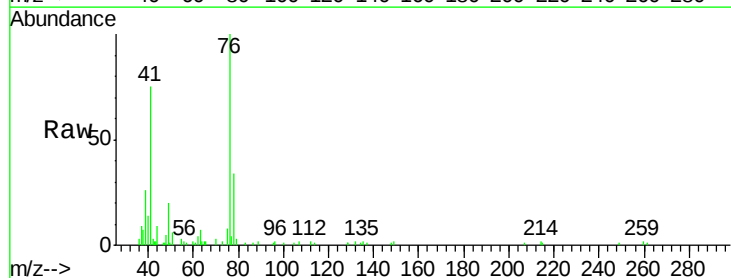
RT: 8.98 min Scan# 847

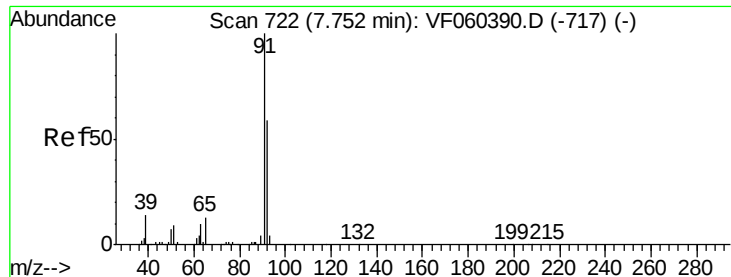
Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Tgt Ion:	76	Resp:	22226
Ion	Ratio	Lower	Upper
76	100		
78	33.9	25.3	37.9

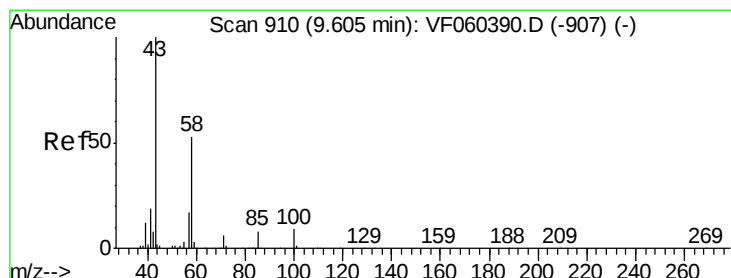
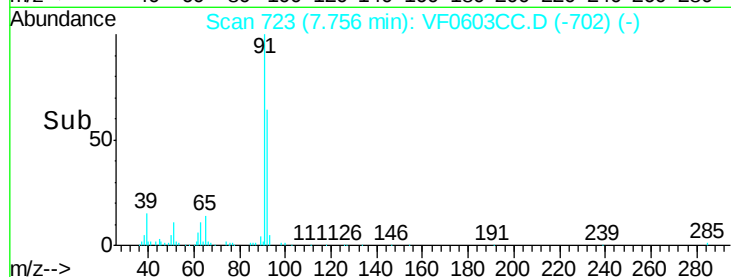
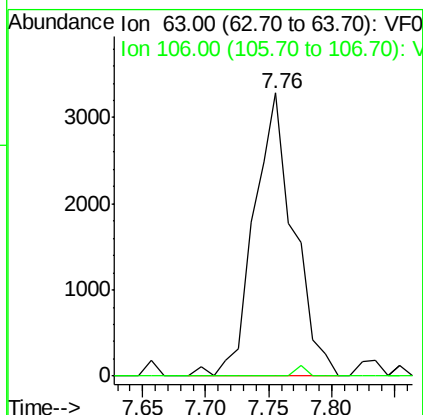
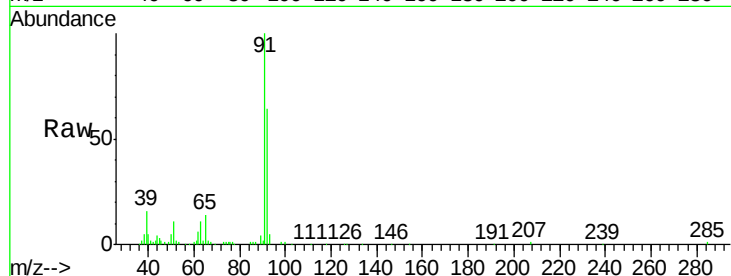




#58
2-Chloroethyl Vinyl ether
Concen: 26.596 ug/l
RT: 7.76 min Scan# 723
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

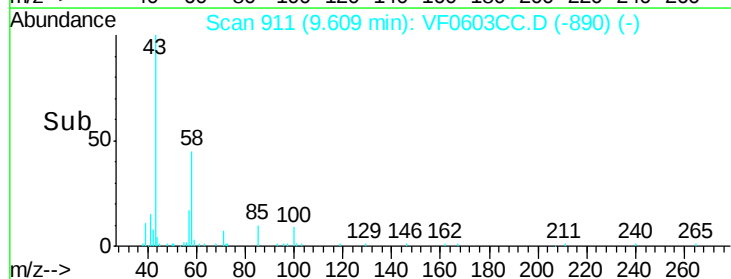
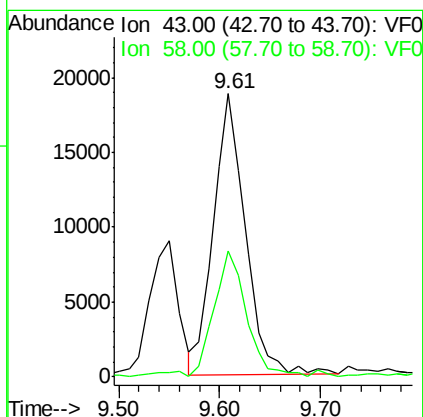
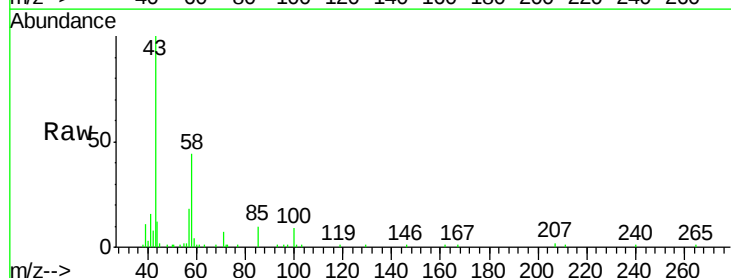
Instrument :
MSVOA_F
ClientSampleId :

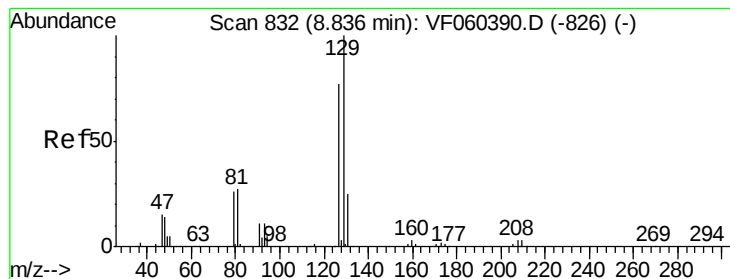
Tgt Ion: 63 Resp: 7197
Ion Ratio Lower Upper
63 100
106 0.0 0.0 0.0



#59
2-Hexanone
Concen: 26.919 ug/l
RT: 9.61 min Scan# 911
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion: 43 Resp: 41257
Ion Ratio Lower Upper
43 100
58 44.4 25.6 76.6





#60

Dibromochloromethane

Concen: 4.837 ug/l

RT: 8.84 min Scan# 833

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

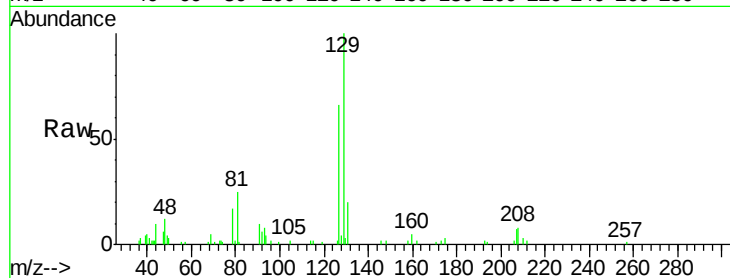
ClientSampleId :

Tgt Ion:129 Resp: 18002

Ion Ratio Lower Upper

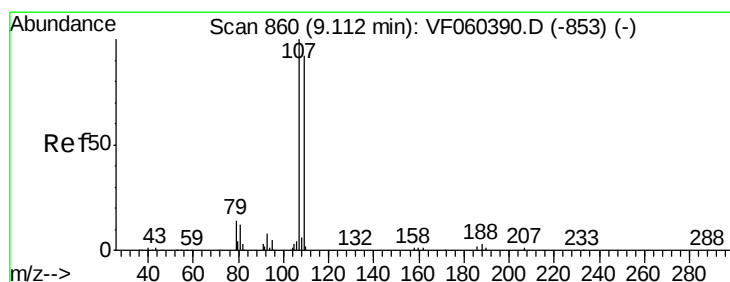
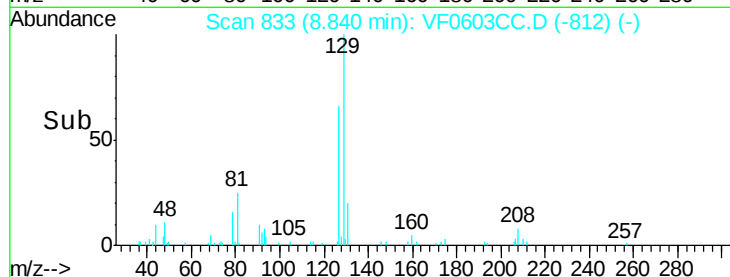
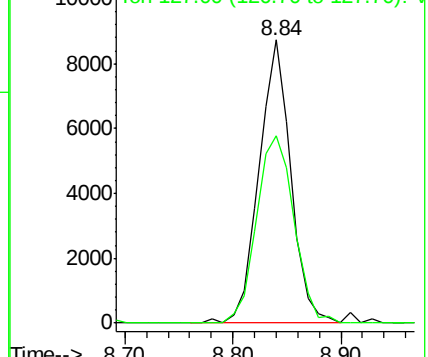
129 100

127 66.0 38.3 114.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#61

1,2-Dibromoethane

Concen: 4.967 ug/l

RT: 9.11 min Scan# 860

Delta R.T. -0.01 min

Lab File: VF0603CC.D

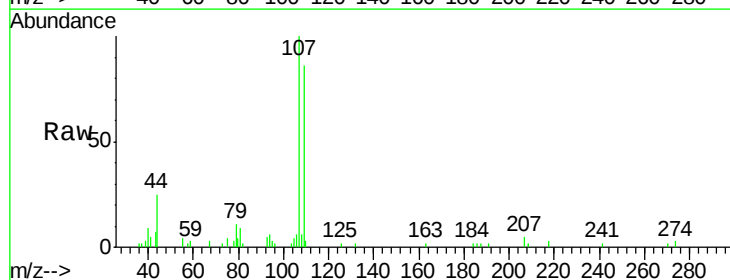
Acq: 1 Oct 2018 16:50

Tgt Ion:107 Resp: 13810

Ion Ratio Lower Upper

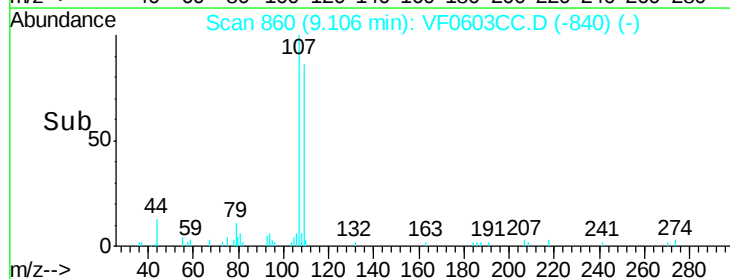
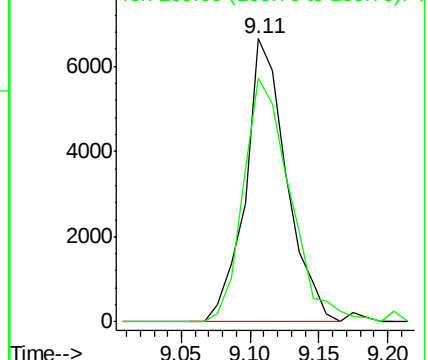
107 100

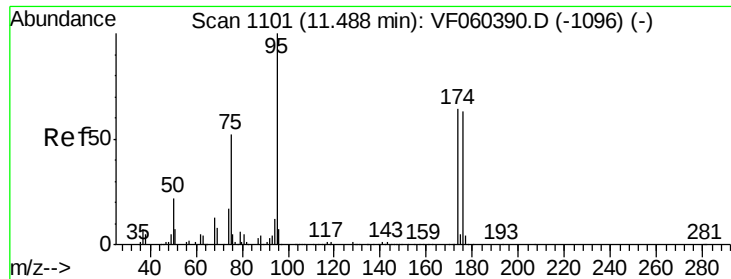
109 86.2 73.7 110.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#62

4-Bromofluorobenzene

Concen: 5.688 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

ClientSampled :

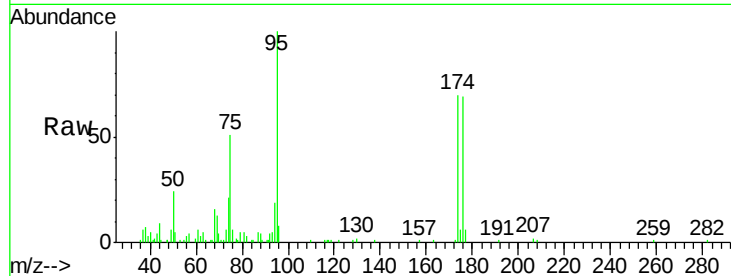
Tgt Ion: 95 Resp: 26673

Ion Ratio Lower Upper

95 100

174 69.7 0.0 129.0

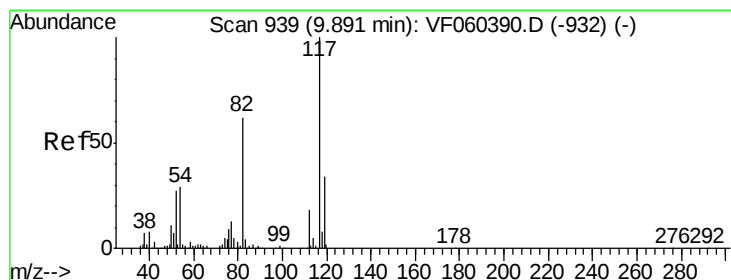
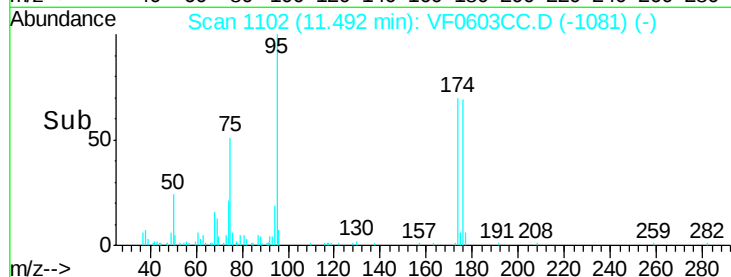
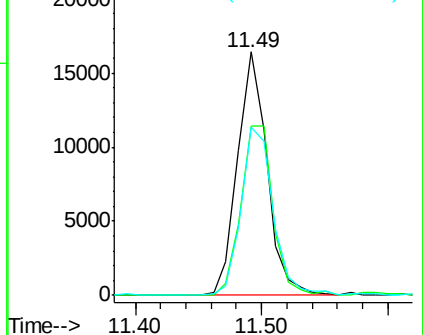
176 68.9 0.0 125.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.89 min Scan# 940

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

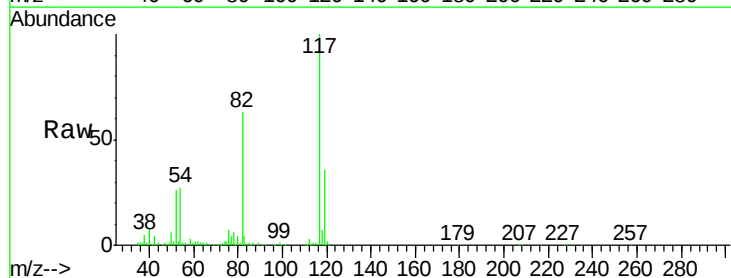
Tgt Ion: 117 Resp: 406389

Ion Ratio Lower Upper

117 100

82 63.5 49.5 74.3

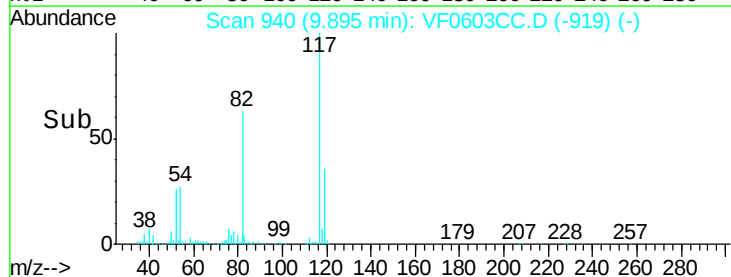
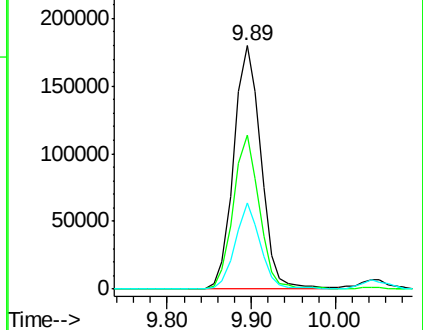
119 35.5 27.0 40.6

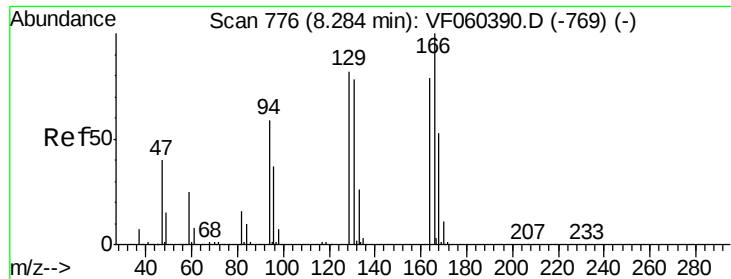


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

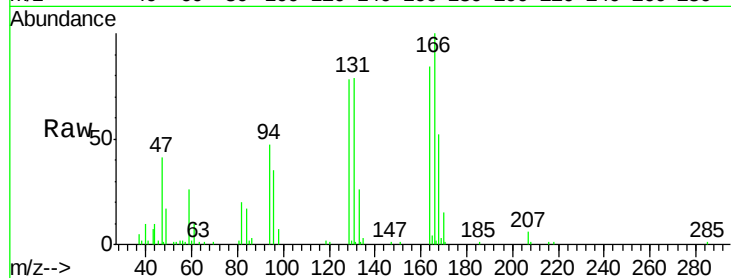




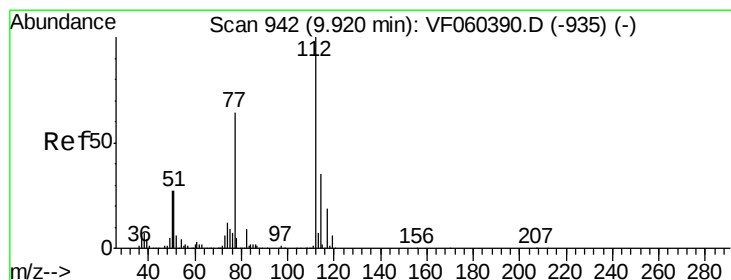
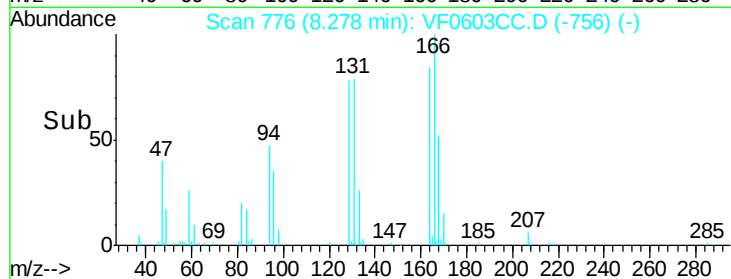
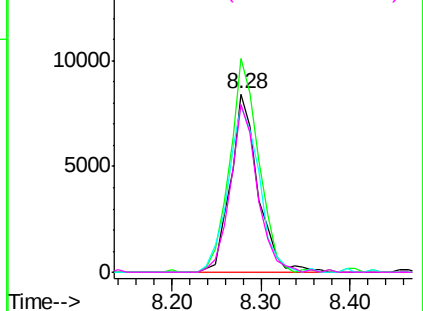
#64
Tetrachloroethene
Concen: 5.004 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:164 Resp: 18155
Ion Ratio Lower Upper
164 100
166 119.7 101.0 151.6
129 93.6 82.5 123.7
131 94.1 79.2 118.8

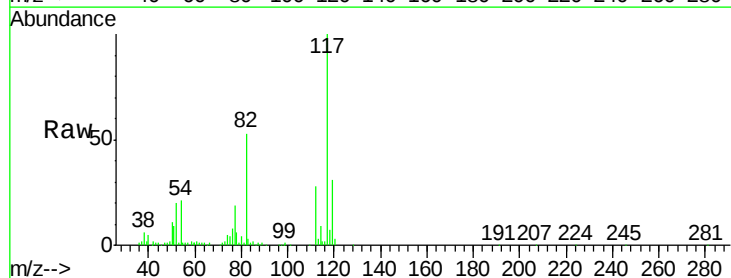


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

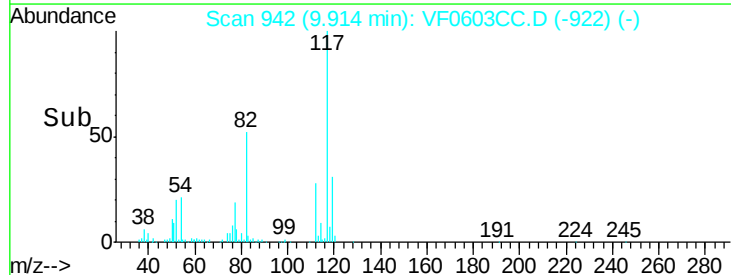
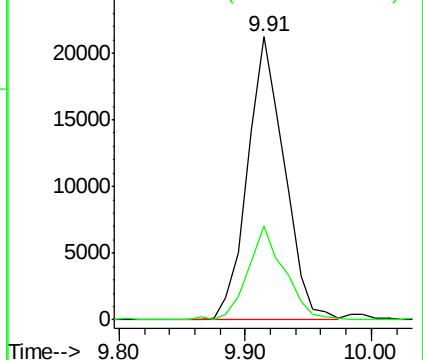


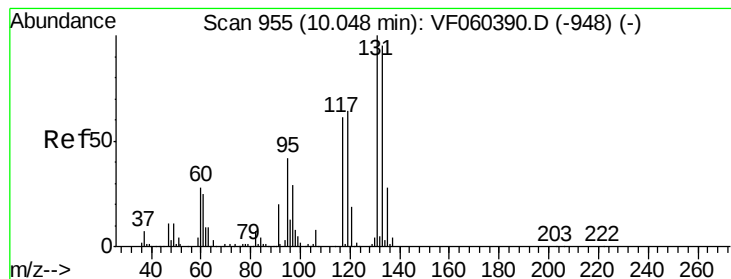
#65
Chlorobenzene
Concen: 4.725 ug/l
RT: 9.91 min Scan# 942
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion:112 Resp: 43036
Ion Ratio Lower Upper
112 100
114 33.3 27.7 41.5



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V

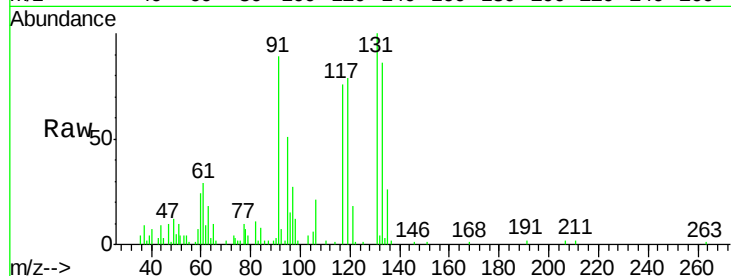




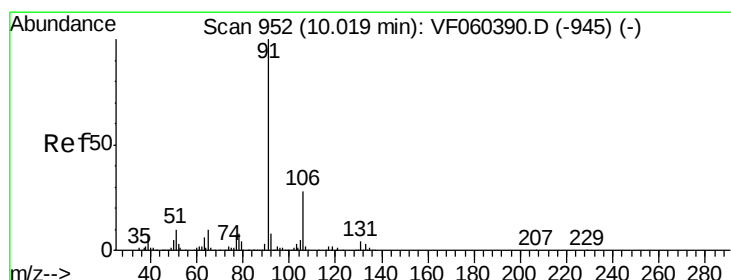
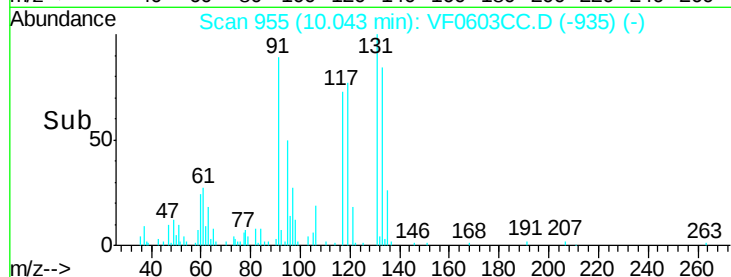
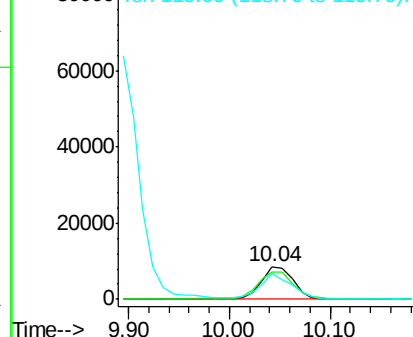
#66
 1,1,1,2-Tetrachloroethane
 Concen: 4.997 ug/l
 RT: 10.04 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VF0603CC.D
 Acq: 1 Oct 2018 16:50

Instrument :
 MSVOA_F
 ClientSampleId :

Tgt Ion:131 Resp: 19163
 Ion Ratio Lower Upper
 131 100
 133 82.4 47.3 141.8
 119 75.9 32.3 96.9

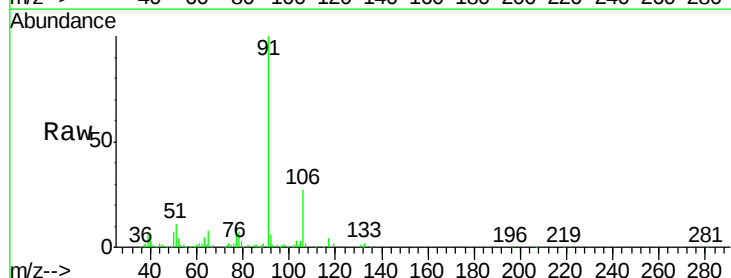


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

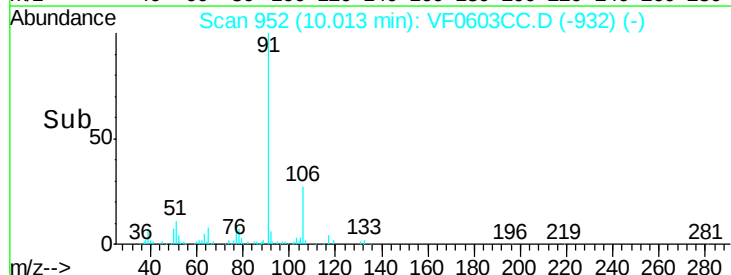
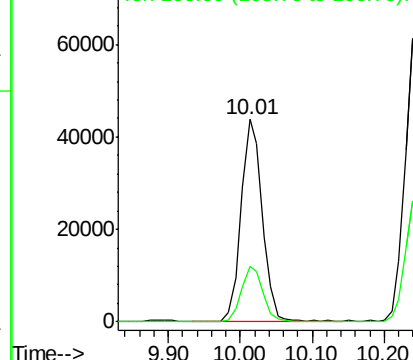


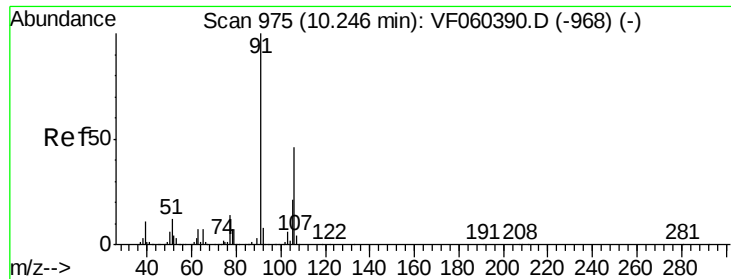
#67
 Ethyl Benzene
 Concen: 5.370 ug/l
 RT: 10.01 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: VF0603CC.D
 Acq: 1 Oct 2018 16:50

Tgt Ion: 91 Resp: 90838
 Ion Ratio Lower Upper
 91 100
 106 27.2 22.5 33.7



Abundance Ion 91.00 (90.70 to 91.70): VF0
 Ion 106.00 (105.70 to 106.70): V

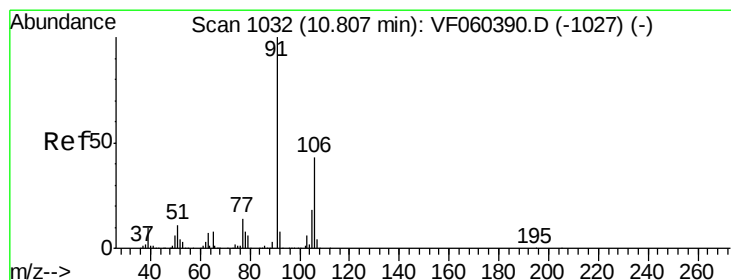
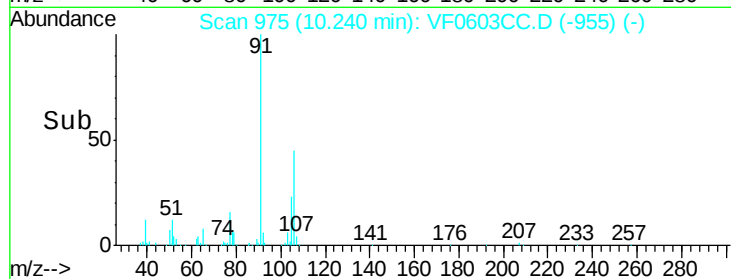
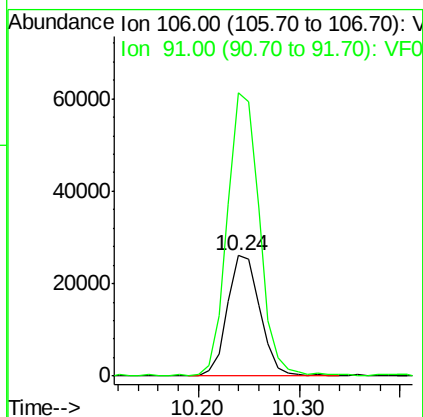
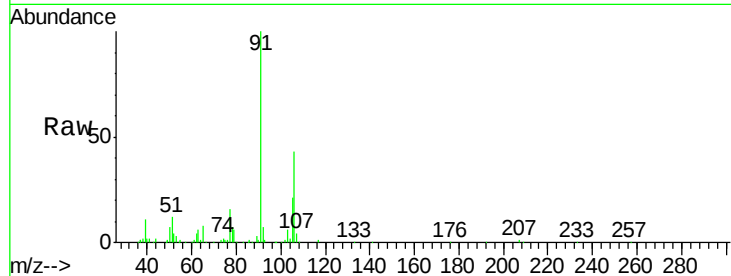




#68
m/p-Xylenes
Concen: 10.099 ug/l
RT: 10.24 min Scan# 975
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

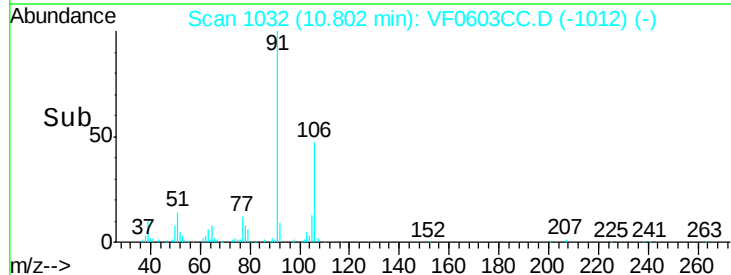
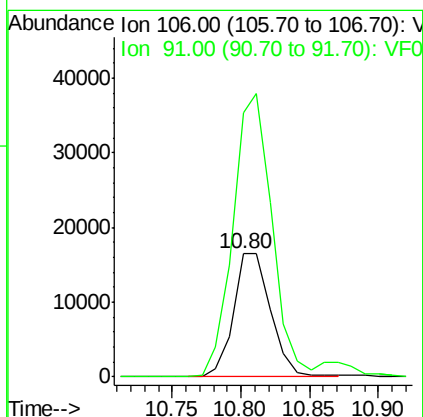
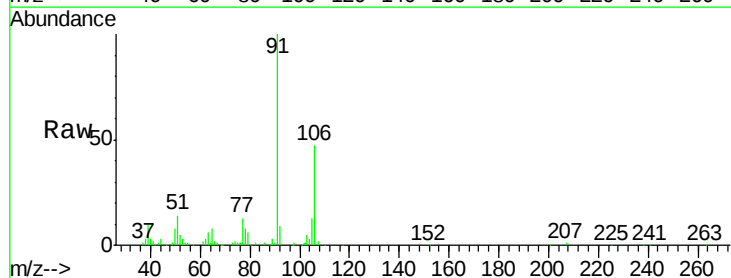
Instrument :
MSVOA_F
ClientSampleId :

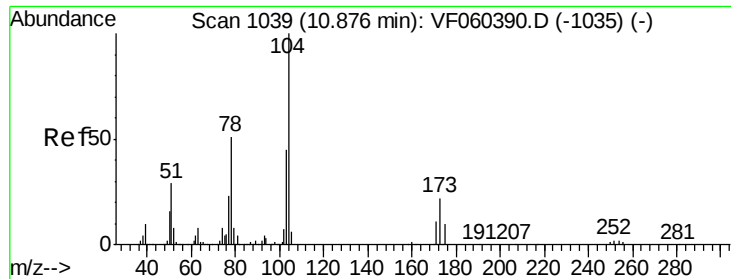
Tgt Ion:106 Resp: 58967
Ion Ratio Lower Upper
106 100
91 234.8 175.0 262.6



#69
o-Xylene
Concen: 4.787 ug/l
RT: 10.80 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion:106 Resp: 31280
Ion Ratio Lower Upper
106 100
91 214.2 115.1 345.2

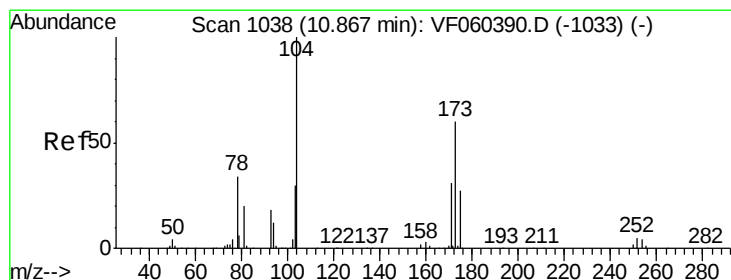
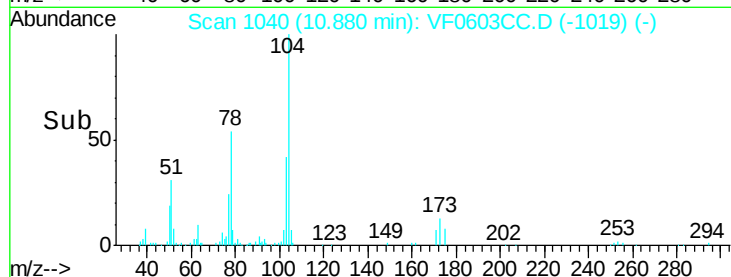
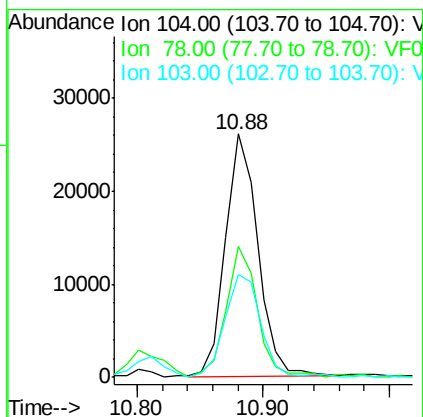
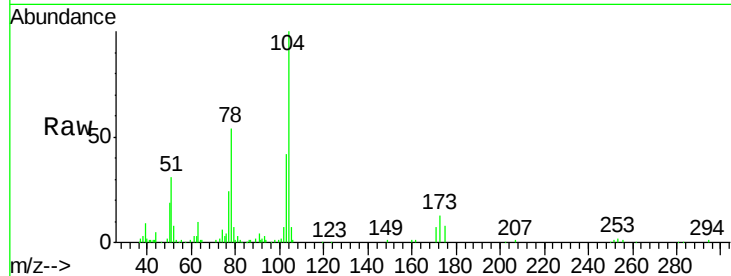




#70
Styrene
Concen: 5.068 ug/l
RT: 10.88 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

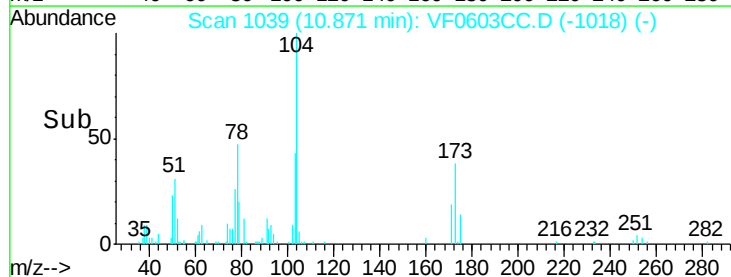
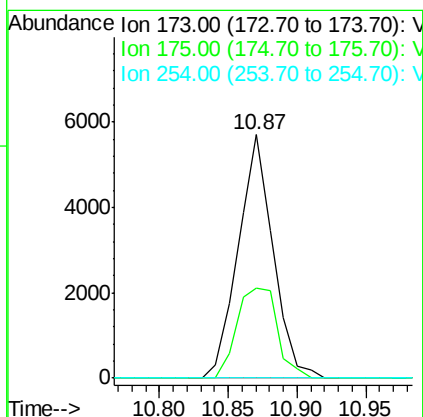
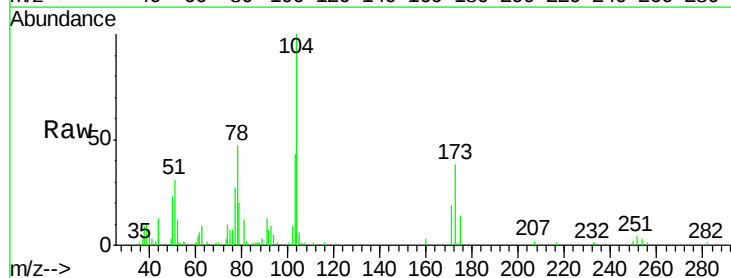
Instrument :
MSVOA_F
ClientSampleId :

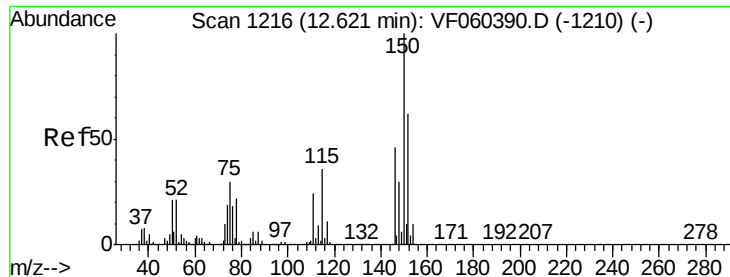
Tgt Ion:104 Resp: 46583
Ion Ratio Lower Upper
104 100
78 53.9 41.0 61.4
103 42.2 36.4 54.6



#71
Bromoform
Concen: 4.817 ug/l
RT: 10.87 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion:173 Resp: 10075
Ion Ratio Lower Upper
173 100
175 37.2 22.1 66.1
254 0.0 0.0 0.0



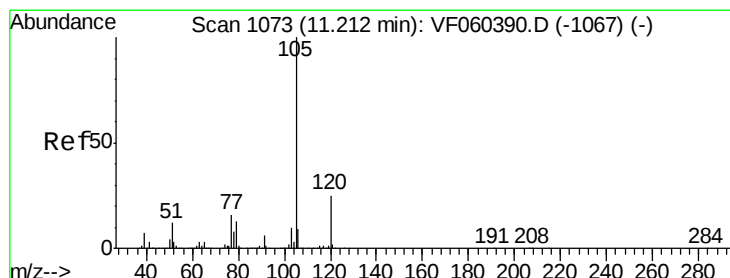
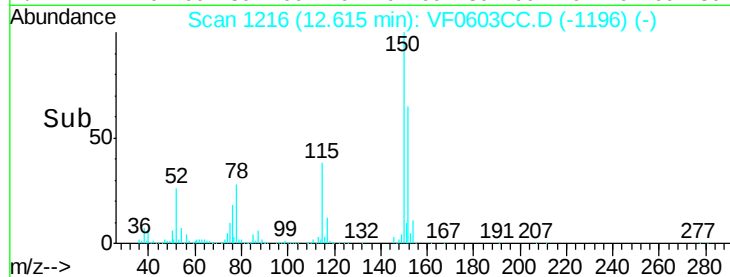
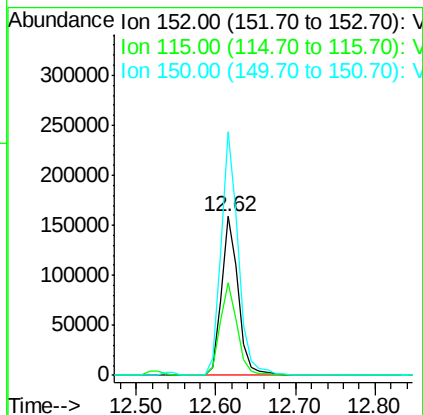
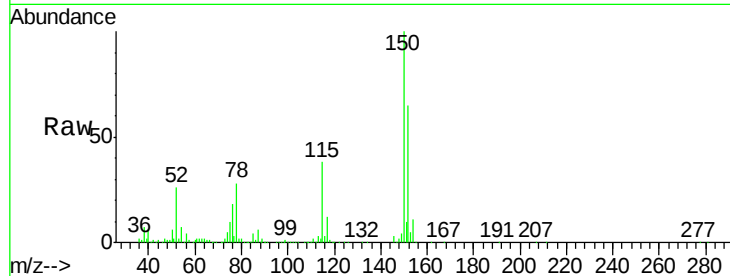


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Instrument :
MSVOA_F
ClientSampleId :

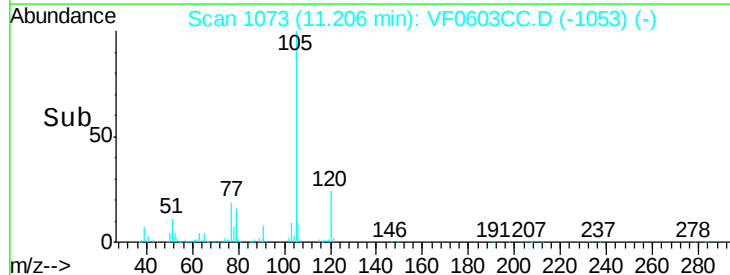
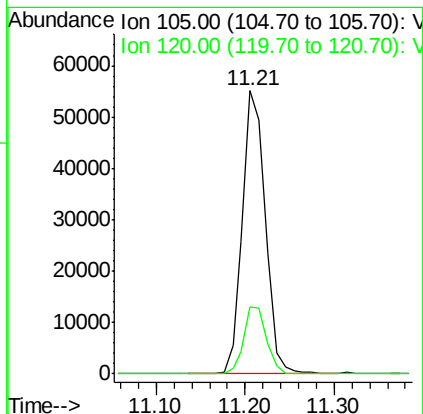
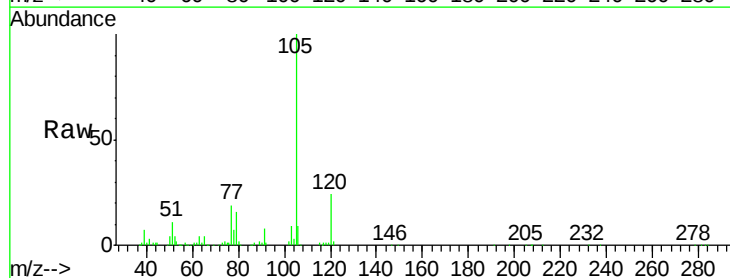
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.6	85.8
150	153.5	0.0	324.6

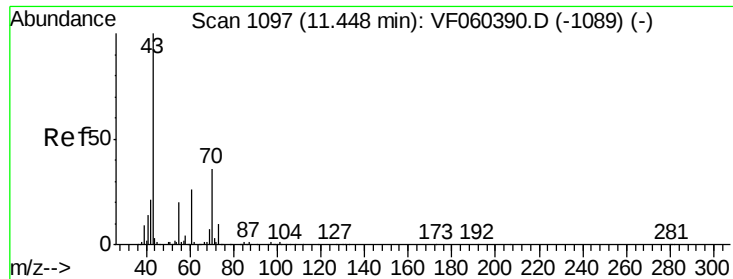


#73

Isopropylbenzene
Concen: 4.711 ug/l
RT: 11.21 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.8	12.3	36.9





#74

N-ethyl acetate

Concen: 4.939 ug/l

RT: 11.45 min Scan# 1098

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

ClientSampleId :

Tgt Ion: 43 Resp: 22449

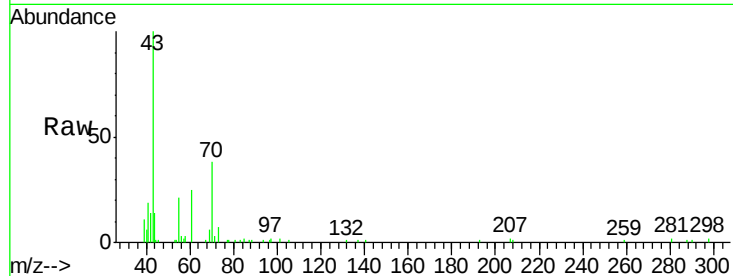
Ion Ratio Lower Upper

43 100

70 37.9 29.1 43.7

55 20.8 16.3 24.5

61 25.1 21.0 31.4

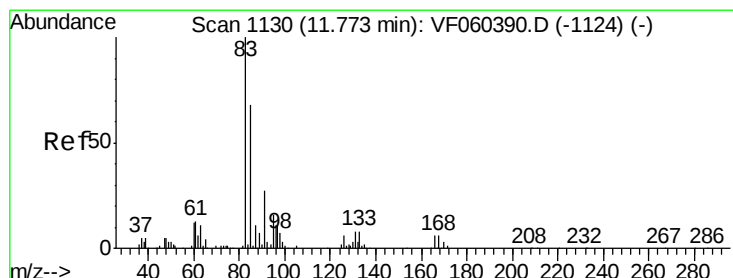
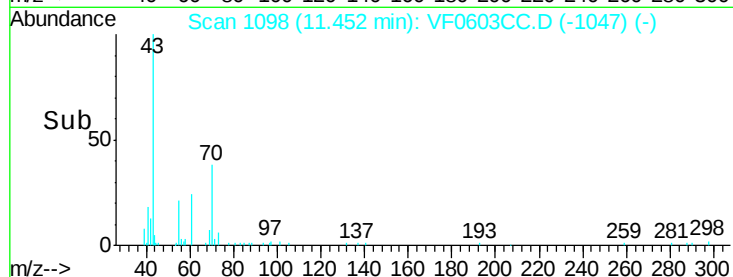
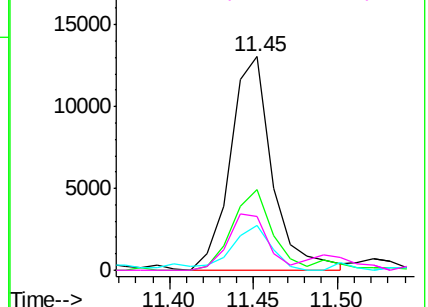


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 4.792 ug/l

RT: 11.77 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

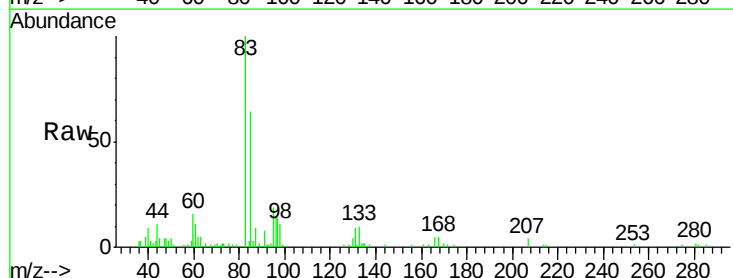
Tgt Ion: 83 Resp: 17847

Ion Ratio Lower Upper

83 100

131 9.0 4.0 12.0

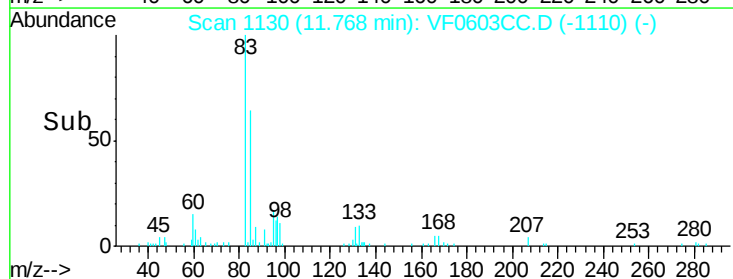
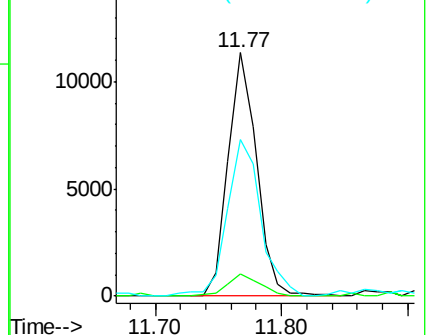
85 64.5 34.0 102.0

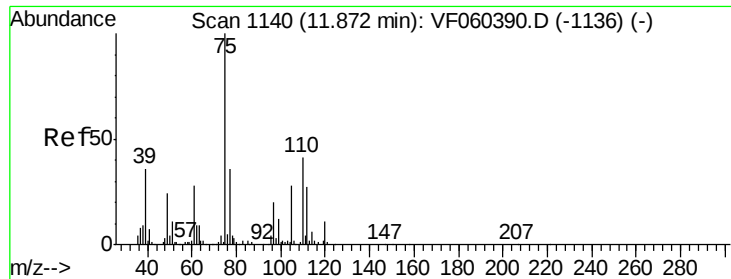


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#76

1,2,3-Trichloropropane

Concen: 4.907 ug/l

RT: 11.87 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

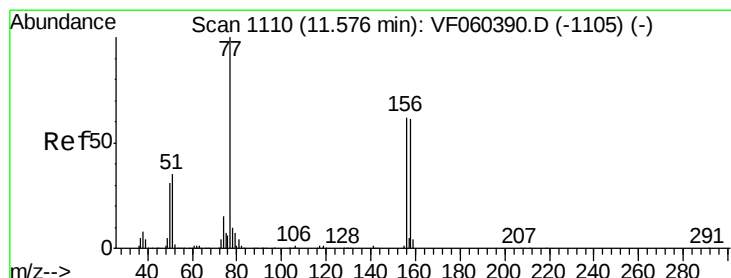
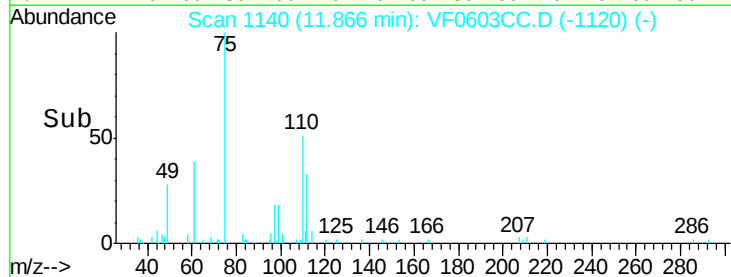
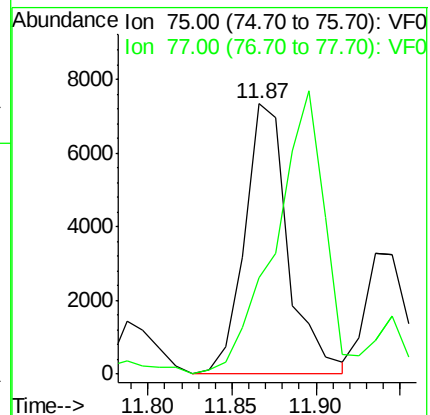
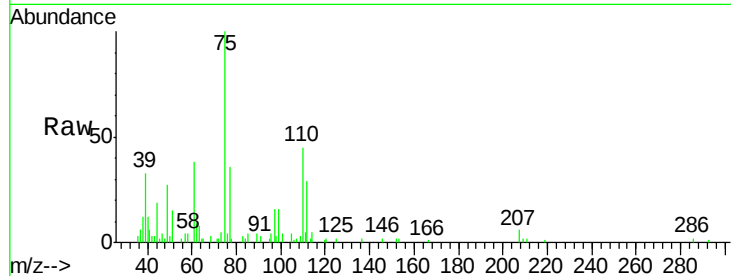
ClientSampleId :

Tgt Ion: 75 Resp: 13222

Ion Ratio Lower Upper

75 100

77 35.8 18.1 54.4



#77

Bromobenzene

Concen: 4.914 ug/l

RT: 11.58 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

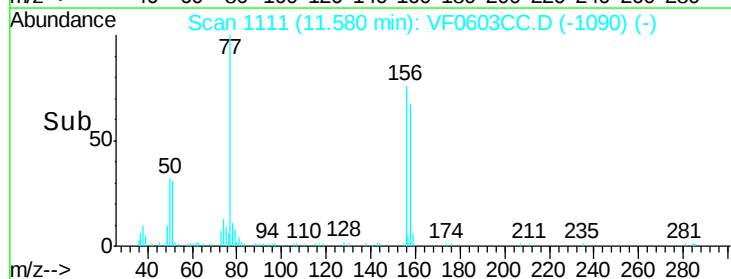
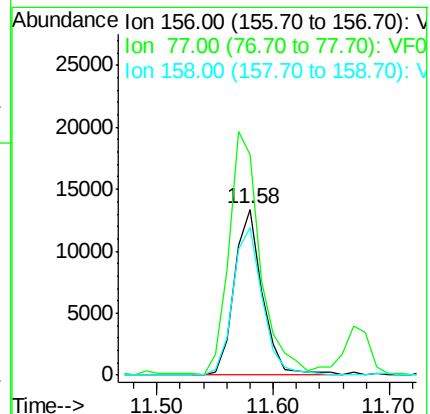
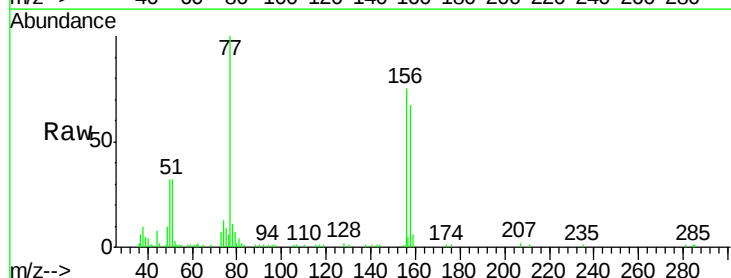
Tgt Ion: 156 Resp: 22273

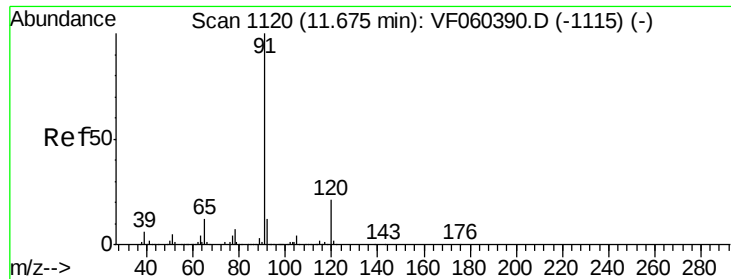
Ion Ratio Lower Upper

156 100

77 132.6 81.3 243.9

158 88.7 49.6 149.0

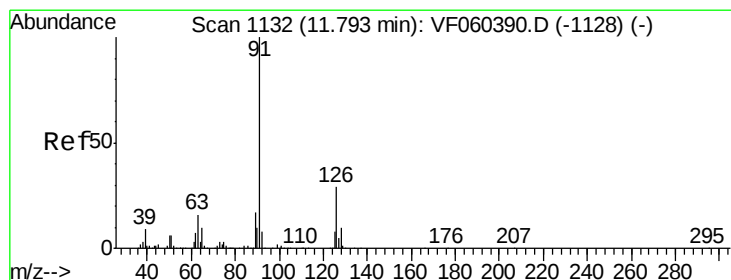
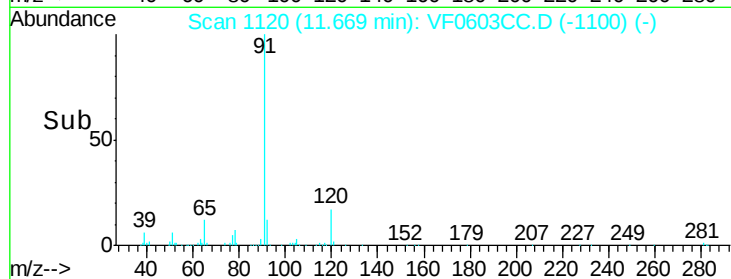
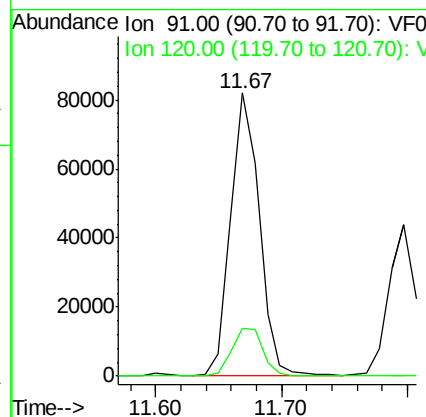
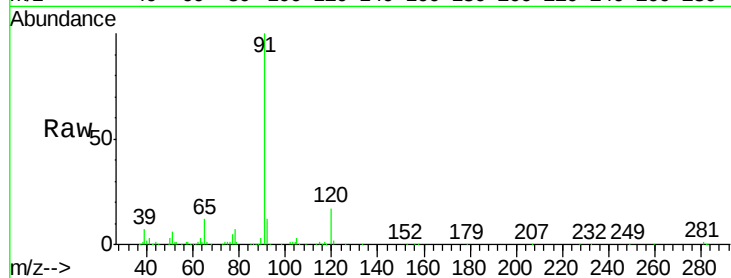




#78
n-propylbenzene
Concen: 5.132 ug/l
RT: 11.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

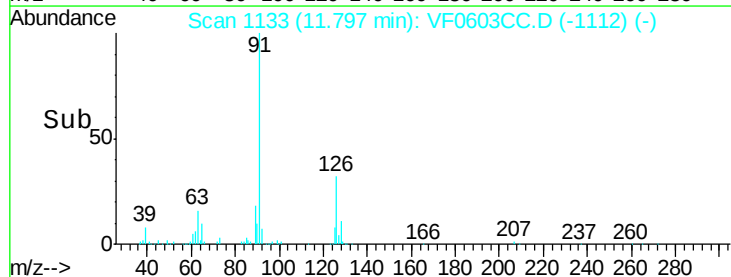
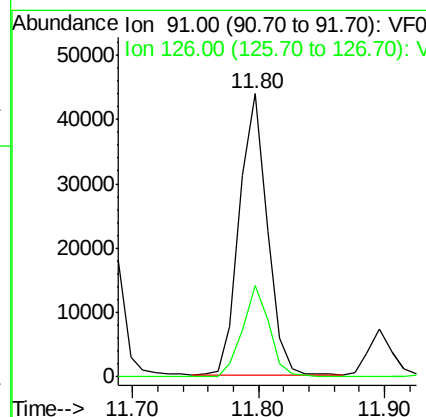
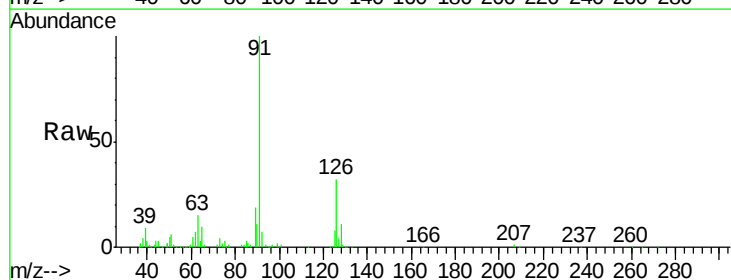
Instrument :
MSVOA_F
ClientSampleId :

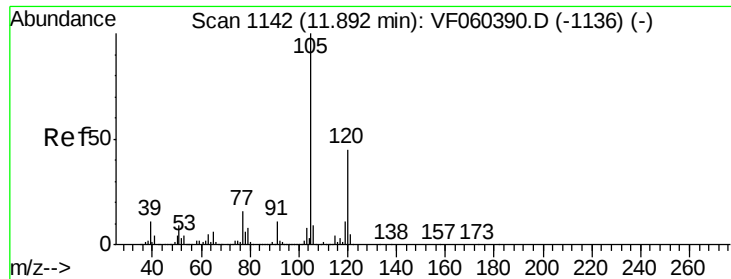
Tgt Ion: 91 Resp: 127865
Ion Ratio Lower Upper
91 100
120 17.0 10.5 31.6



#79
2-Chlorotoluene
Concen: 4.668 ug/l
RT: 11.80 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion: 91 Resp: 67065
Ion Ratio Lower Upper
91 100
126 32.4 14.4 43.4

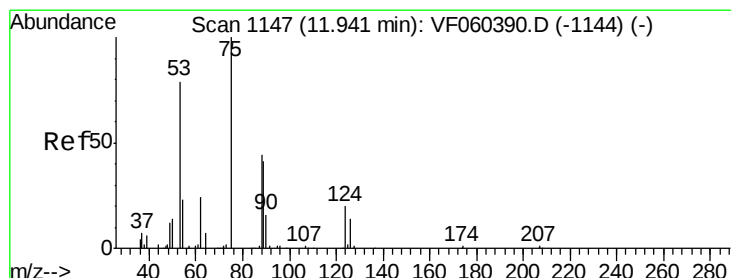
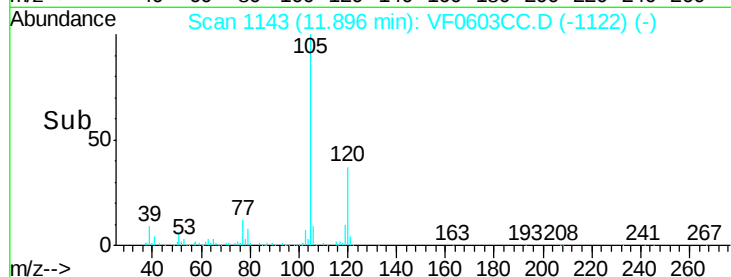
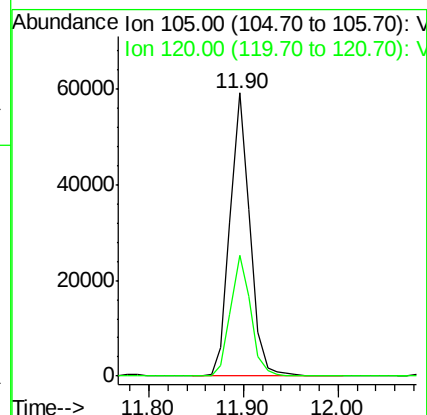
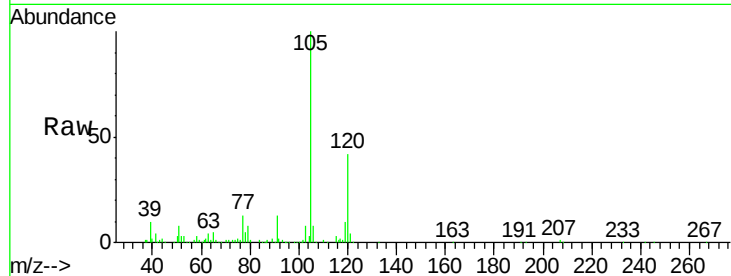




#80
 1,3,5-Trimethylbenzene
 Concen: 5.101 ug/l
 RT: 11.90 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VF0603CC.D
 Acq: 1 Oct 2018 16:50

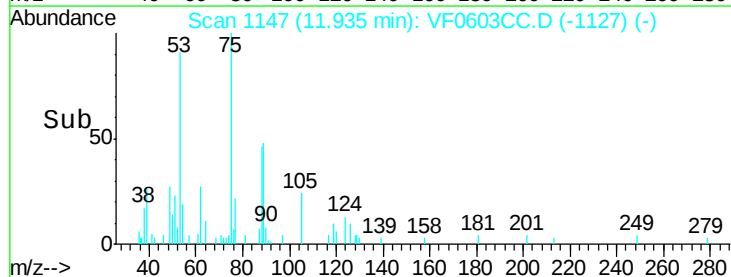
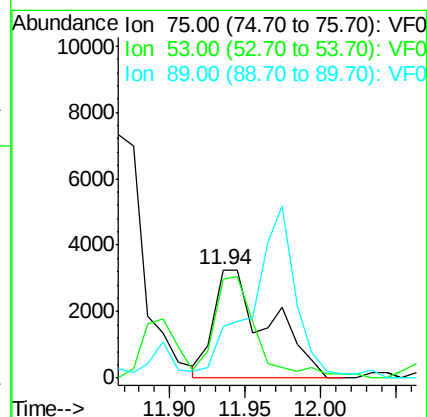
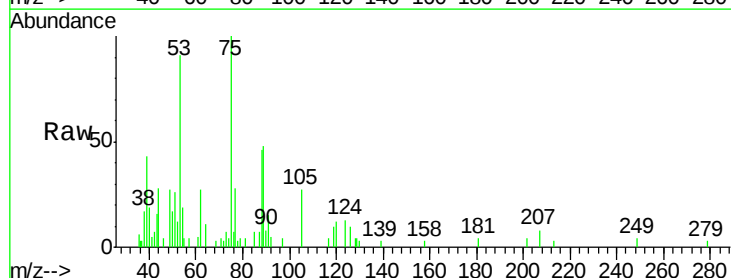
Instrument :
 MSVOA_F
 ClientSampleId :

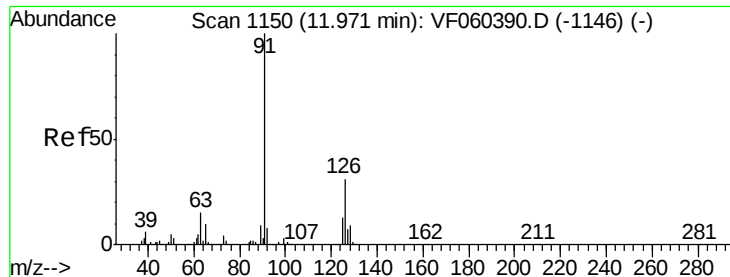
Tgt Ion: 105 Resp: 86546
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.3 66.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.930 ug/l
 RT: 11.94 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: VF0603CC.D
 Acq: 1 Oct 2018 16:50

Tgt Ion: 75 Resp: 8337
 Ion Ratio Lower Upper
 75 100
 53 91.2 67.8 101.8
 89 47.7 36.7 55.1

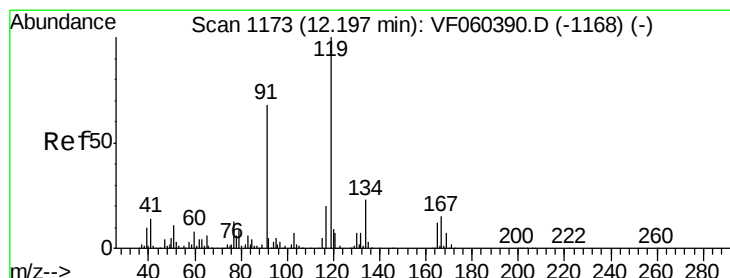
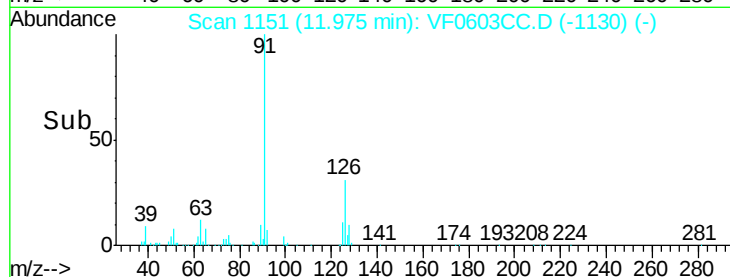
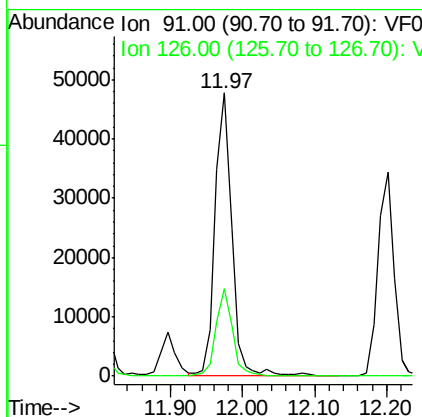
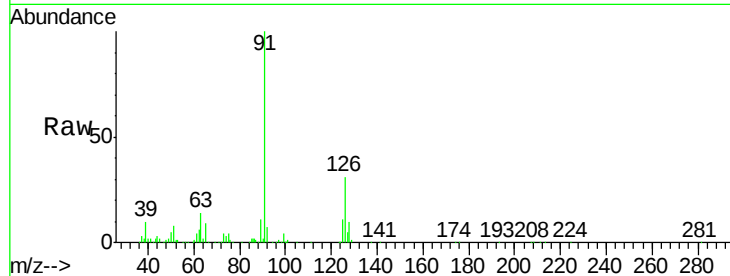




#82
4-Chlorotoluene
Concen: 5.301 ug/l
RT: 11.97 min Scan# 1151
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

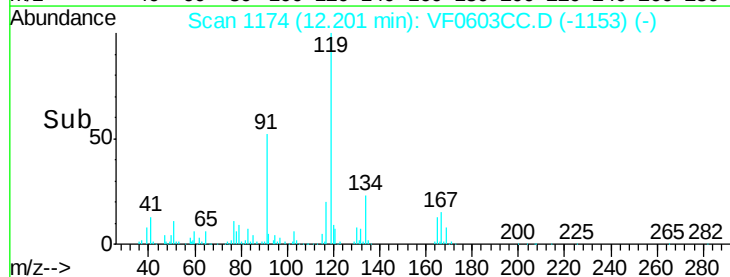
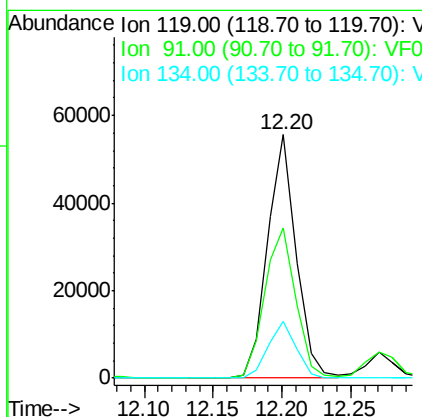
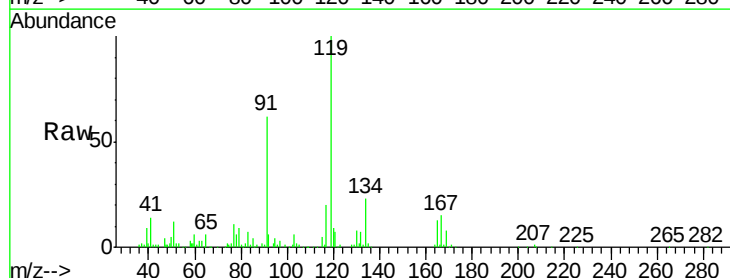
Instrument :
MSVOA_F
ClientSampled :

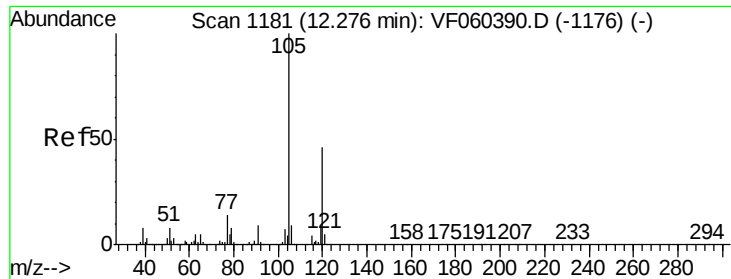
Tgt Ion: 91 Resp: 76191
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.0



#83
tert-Butylbenzene
Concen: 4.656 ug/l
RT: 12.20 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion: 119 Resp: 80313
Ion Ratio Lower Upper
119 100
91 61.9 34.0 102.0
134 23.2 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 4.682 ug/l

RT: 12.27 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

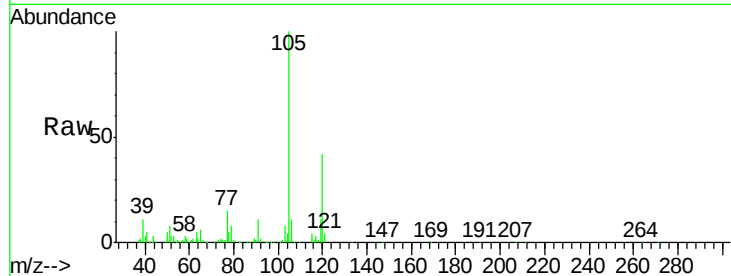
ClientSampleId :

Tgt Ion:105 Resp: 81107

Ion Ratio Lower Upper

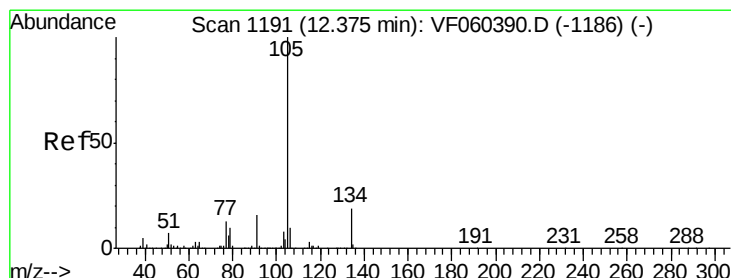
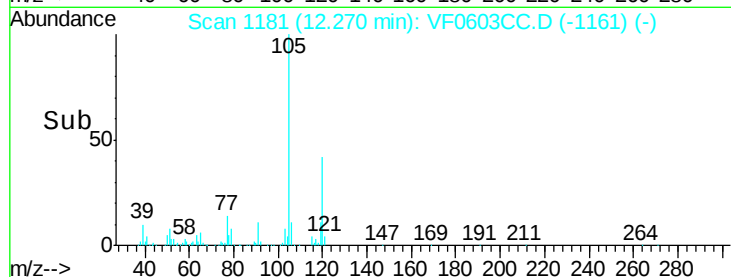
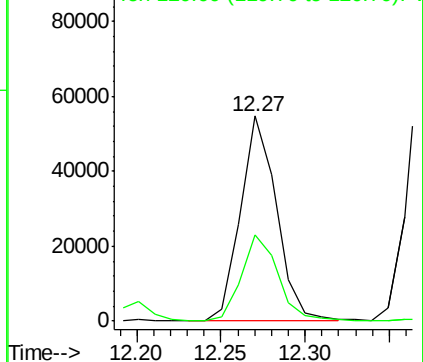
105 100

120 41.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 4.982 ug/l

RT: 12.37 min Scan# 1191

Delta R.T. -0.01 min

Lab File: VF0603CC.D

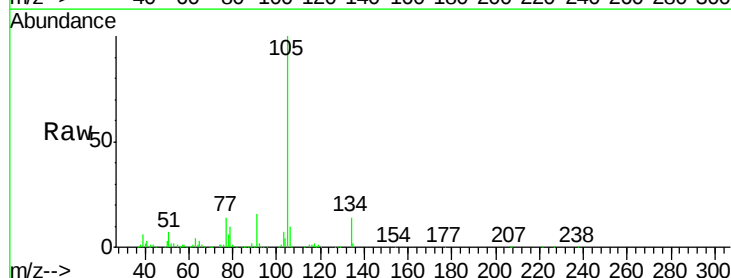
Acq: 1 Oct 2018 16:50

Tgt Ion:105 Resp: 118347

Ion Ratio Lower Upper

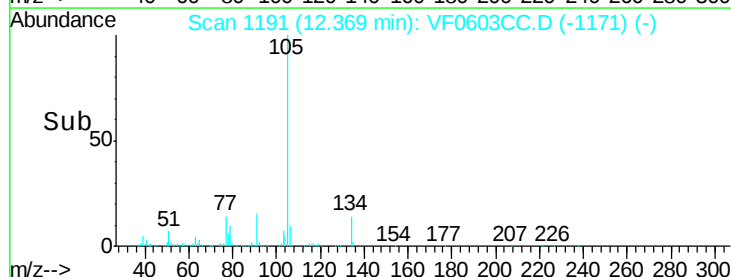
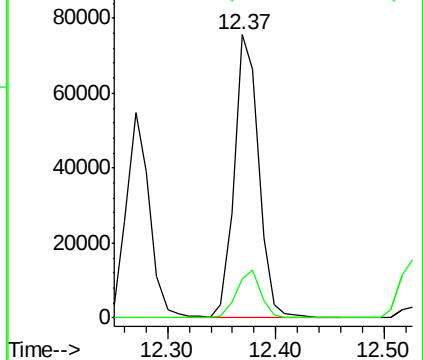
105 100

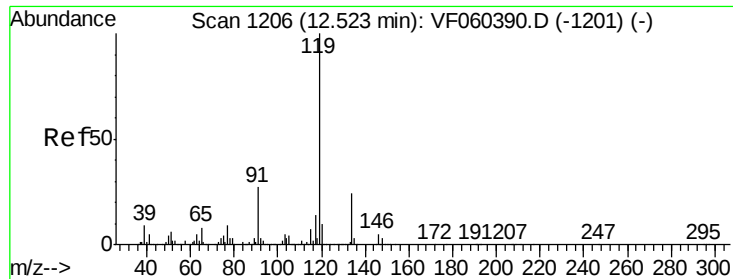
134 13.7 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

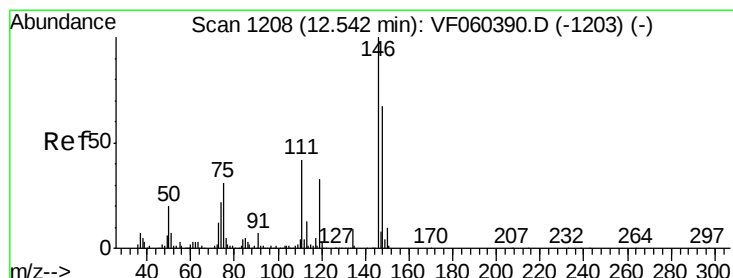
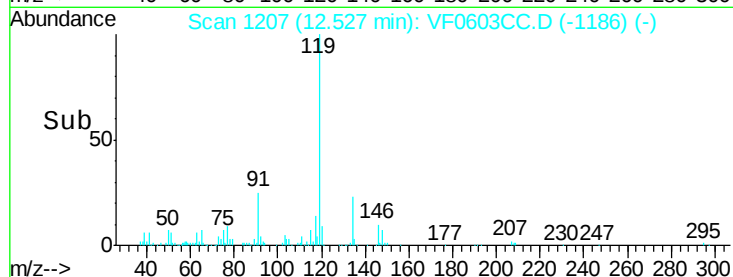
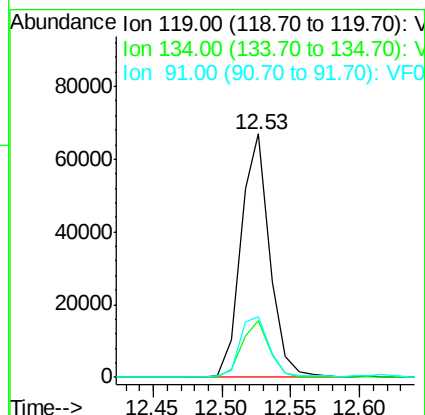
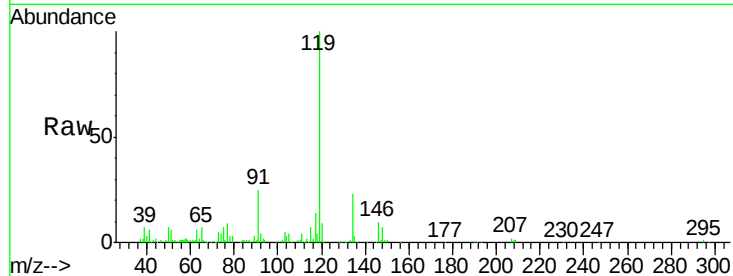




#86
p-Isopropyltoluene
Concen: 5.151 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

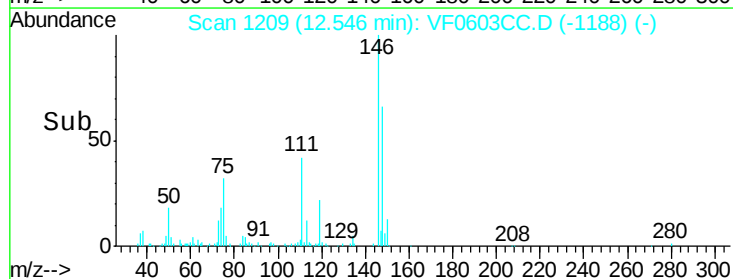
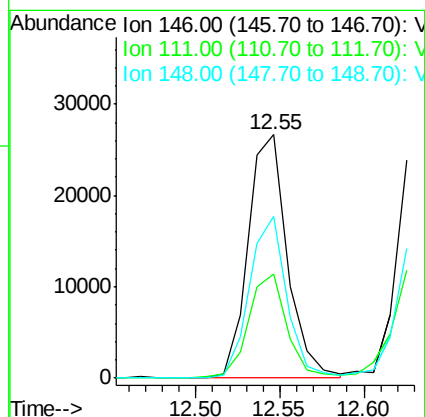
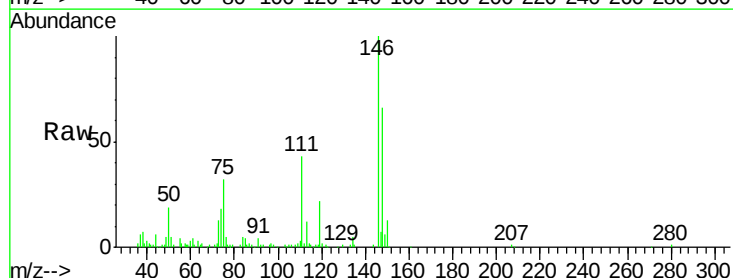
Instrument :
MSVOA_F
ClientSampleId :

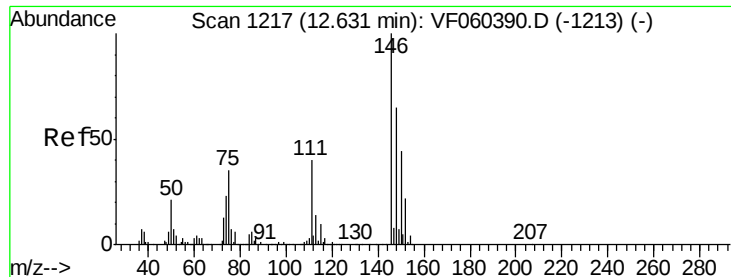
Tgt Ion:119 Resp: 97389
Ion Ratio Lower Upper
119 100
134 23.3 12.3 36.8
91 24.7 13.5 40.4



#87
1,3-Dichlorobenzene
Concen: 5.061 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion:146 Resp: 43066
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.7
148 66.3 33.6 100.8

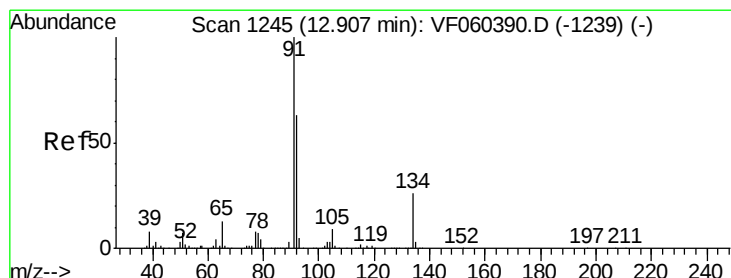
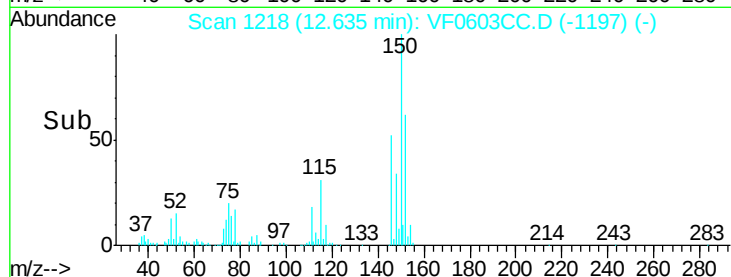
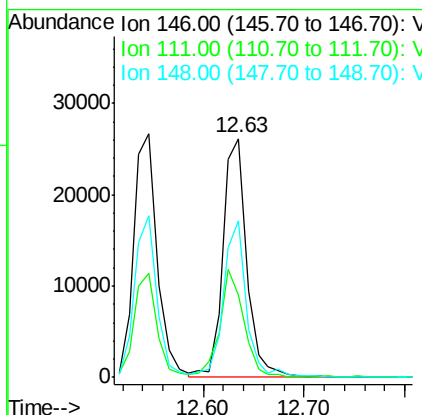
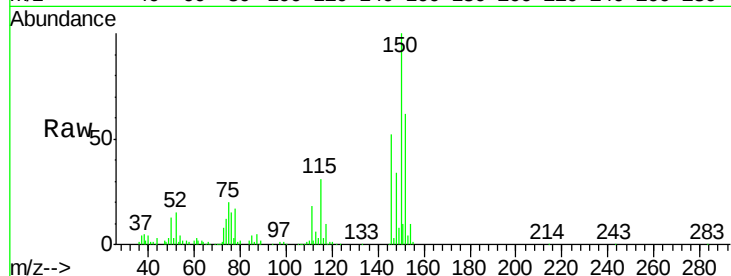




#88
 1,4-Dichlorobenzene
 Concen: 5.123 ug/l
 RT: 12.63 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF0603CC.D
 Acq: 1 Oct 2018 16:50

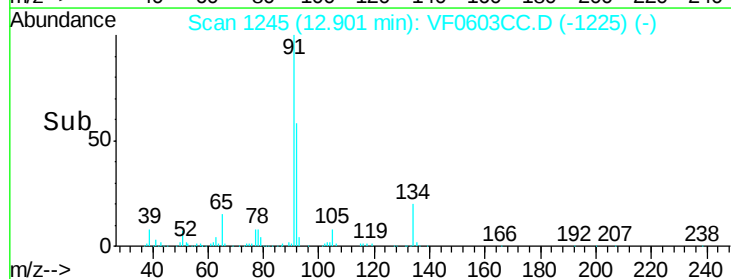
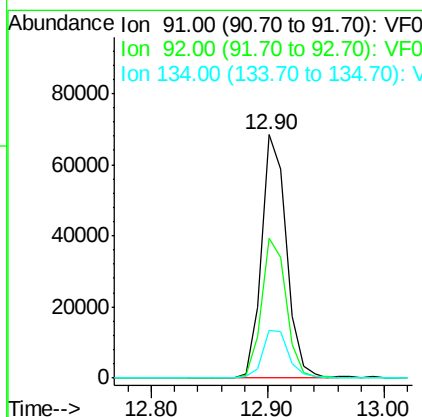
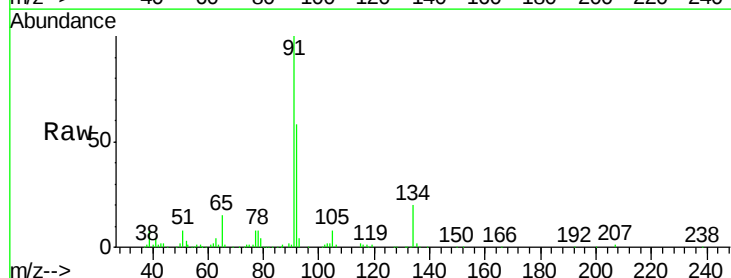
Instrument :
 MSVOA_F
 ClientSampleId :

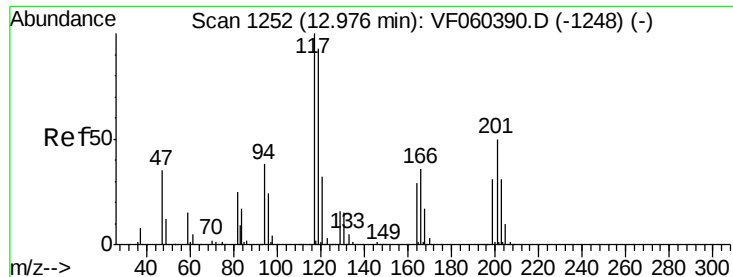
Tgt Ion: 146 Resp: 42909
 Ion Ratio Lower Upper
 146 100
 111 34.3 20.2 60.6
 148 65.4 32.6 97.8



#89
 n-Butylbenzene
 Concen: 5.030 ug/l
 RT: 12.90 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: VF0603CC.D
 Acq: 1 Oct 2018 16:50

Tgt Ion: 91 Resp: 101279
 Ion Ratio Lower Upper
 91 100
 92 57.6 31.3 93.9
 134 19.9 13.0 38.9

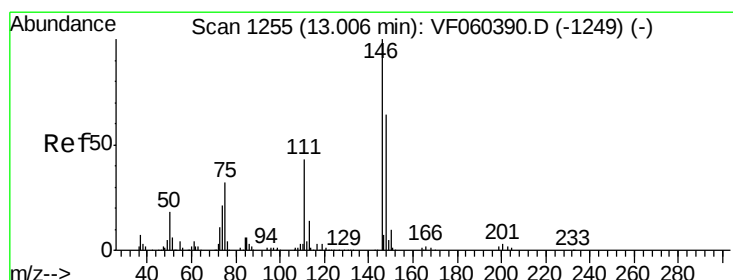
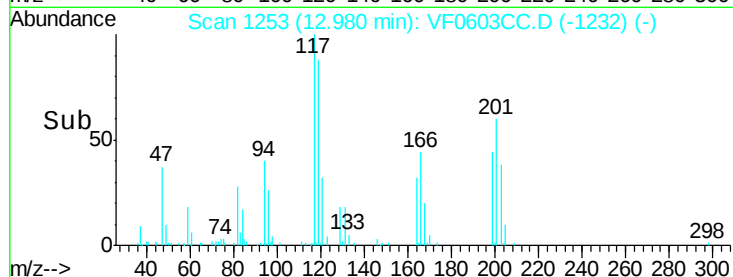
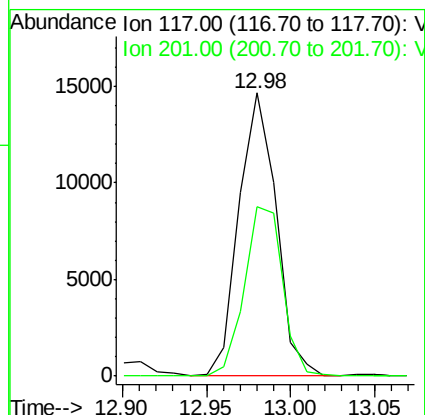
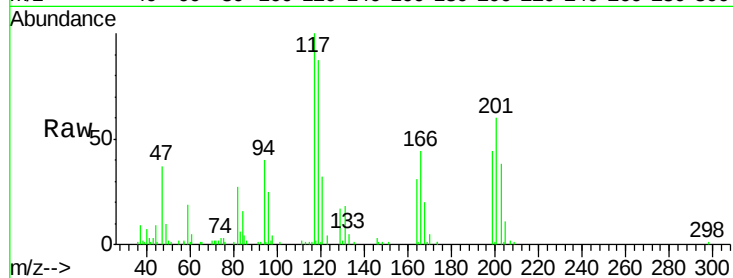




#90
Hexachloroethane
Concen: 4.645 ug/l
RT: 12.98 min Scan# 1253
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

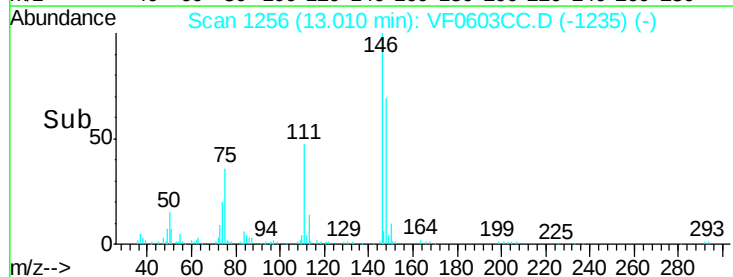
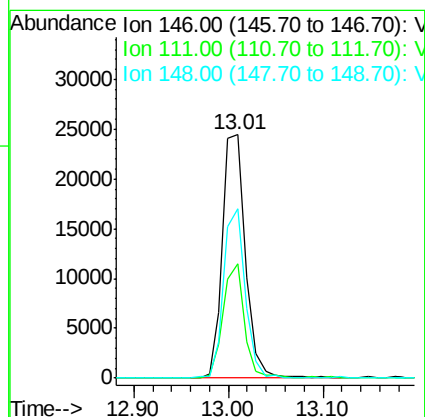
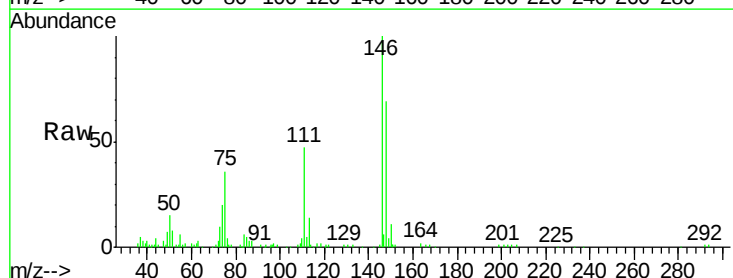
Instrument :
MSVOA_F
ClientSampleId :

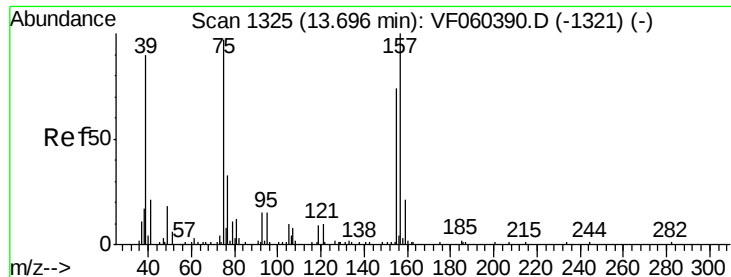
Tgt Ion:117 Resp: 22550
Ion Ratio Lower Upper
117 100
201 59.7 25.5 76.5



#91
1,2-Dichlorobenzene
Concen: 5.049 ug/l
RT: 13.01 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion:146 Resp: 41133
Ion Ratio Lower Upper
146 100
111 46.9 21.3 64.0
148 69.3 32.2 96.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.764 ug/l

RT: 13.70 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

Instrument :

MSVOA_F

ClientSampleId :

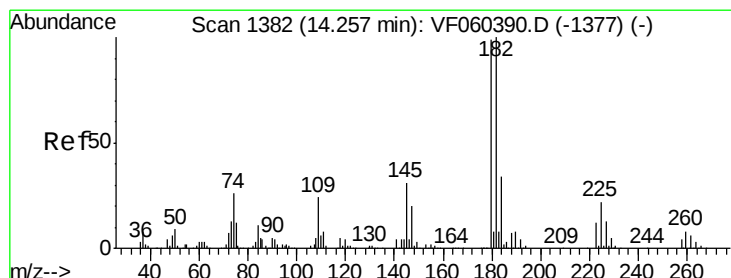
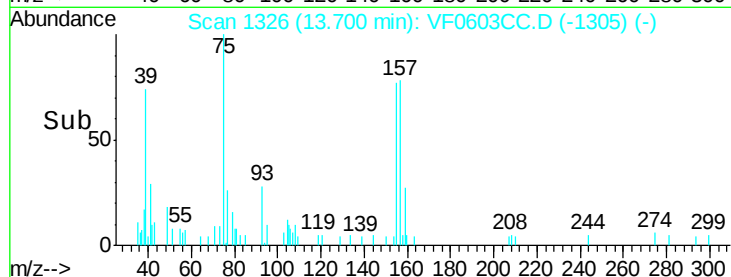
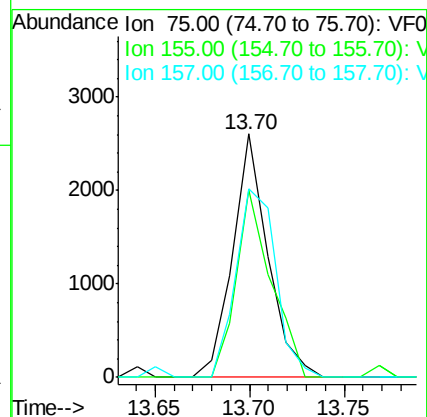
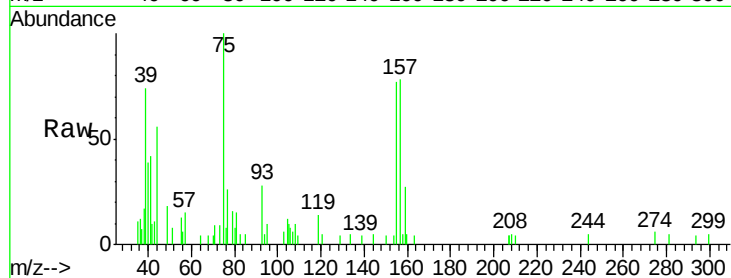
Tgt Ion: 75 Resp: 3359

Ion Ratio Lower Upper

75 100

155 76.7 37.9 113.6

157 77.7 51.3 154.0



#93

1,2,4-Trichlorobenzene

Concen: 5.126 ug/l

RT: 14.25 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VF0603CC.D

Acq: 1 Oct 2018 16:50

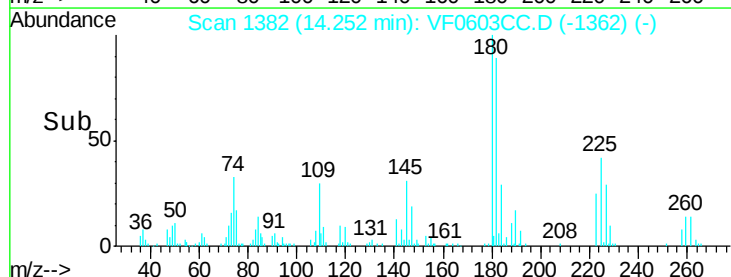
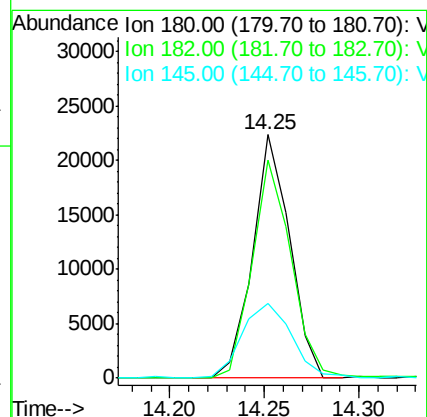
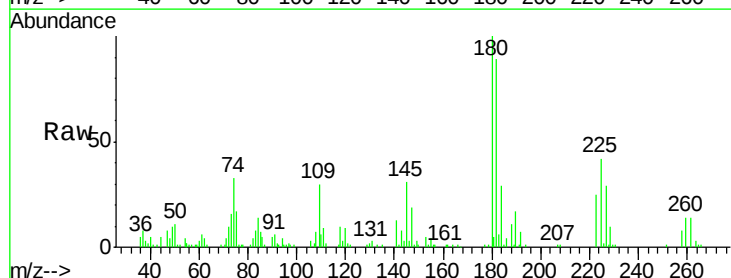
Tgt Ion: 180 Resp: 30482

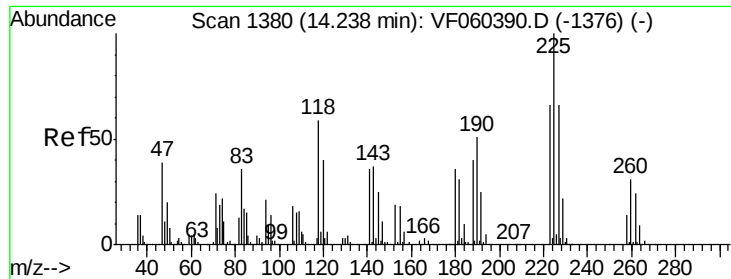
Ion Ratio Lower Upper

180 100

182 89.3 50.3 150.9

145 30.7 15.5 46.5

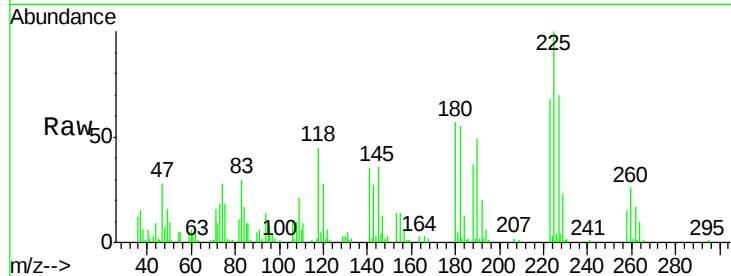




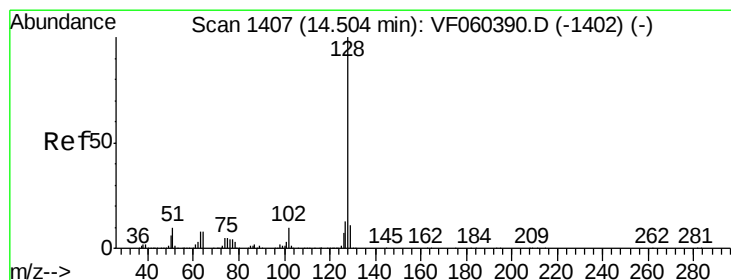
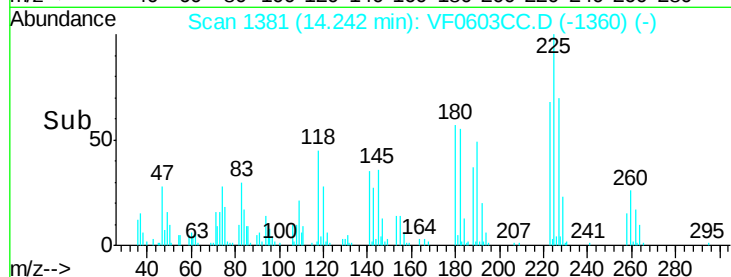
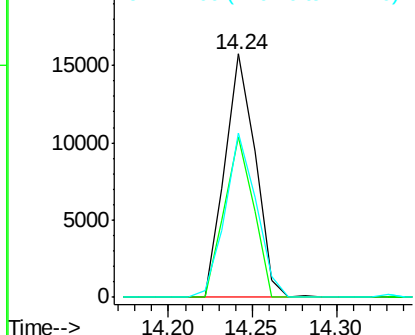
#94
Hexachlorobutadiene
Concen: 4.934 ug/l
RT: 14.24 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Instrument :
MSVOA_F
ClientSampled :

Tgt Ion:225 Resp: 19816
Ion Ratio Lower Upper
225 100
223 66.0 32.8 98.4
227 67.4 33.0 99.0

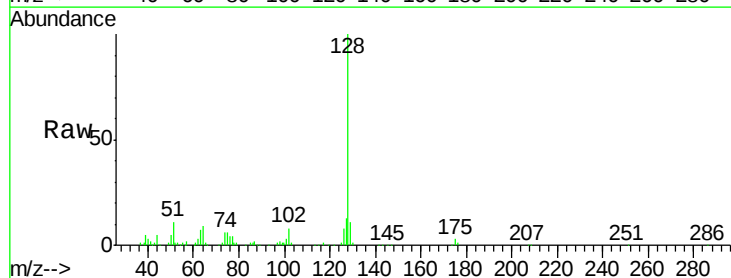


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

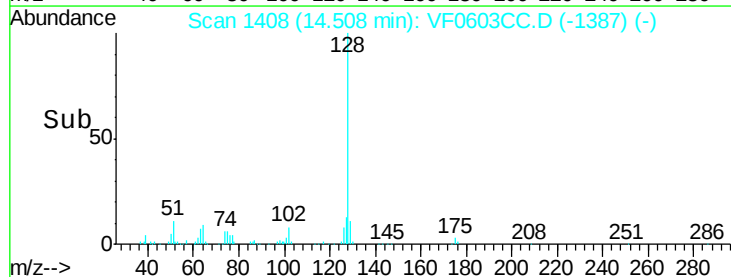
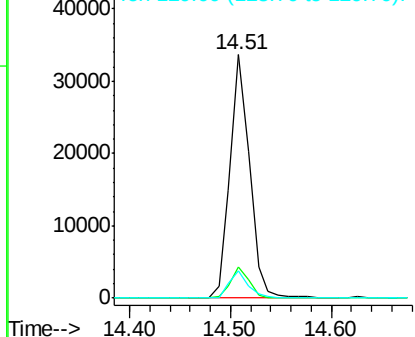


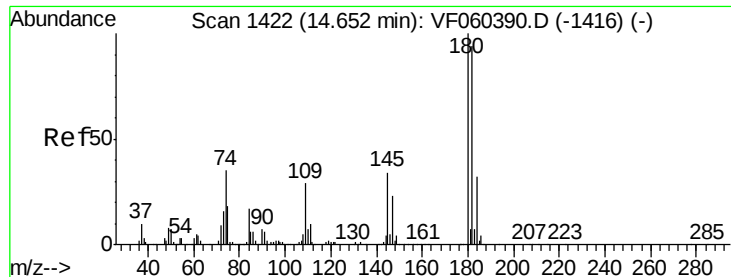
#95
Naphthalene
Concen: 4.347 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.00 min
Lab File: VF0603CC.D
Acq: 1 Oct 2018 16:50

Tgt Ion:128 Resp: 45659
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.7 13.1



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

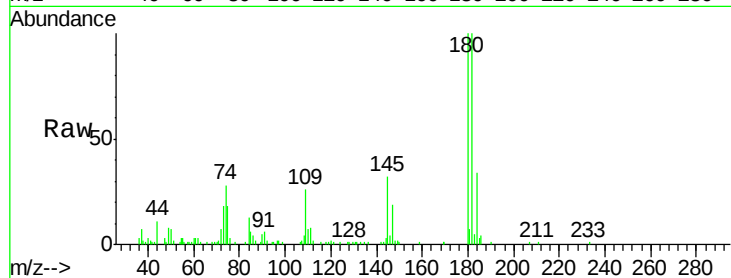




#96
 1,2,3-Trichlorobenzene
 Concen: 4.802 ug/l
 RT: 14.66 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: VF0603CC.D
 Acq: 1 Oct 2018 16:50

Instrument :
 MSVOA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	46.8	140.3
145	32.2	16.9	50.6



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

