

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF102518\
 Data File : VF0605CC.D
 Acq On : 25 Oct 2018 13:39
 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 26 00:36:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 00:30:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	174459	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	248564	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	234461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	158089	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	20151	7.62	ug/l	-0.02
Spiked Amount			Recovery	=	15.24%	
35) Dibromofluoromethane	4.28	113	17113	7.48	ug/l	0.00
Spiked Amount			Recovery	=	14.96%	
50) Toluene-d8	7.70	98	30016	5.46	ug/l	0.00
Spiked Amount			Recovery	=	10.92%	
62) 4-Bromofluorobenzene	11.50	95	19632	8.14	ug/l	0.00
Spiked Amount			Recovery	=	16.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	25932	7.565	ug/l	91
3) Chloromethane	1.12	50	11556	5.449	ug/l #	59
4) Vinyl Chloride	1.18	62	13544	5.887	ug/l #	67
5) Bromomethane	1.35	94	14697	8.124	ug/l	93
6) Chloroethane	1.42	64	8947	7.357	ug/l	92
7) Trichlorofluoromethane	1.53	101	43282	8.394	ug/l	94
8) Diethyl Ether	1.69	74	4537	6.149	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.87	101	19527	7.570	ug/l #	86
10) Methyl Iodide	1.95	142	16458	4.024	ug/l #	86
11) Tert butyl alcohol	2.66	59	5544	39.990	ug/l	98
12) 1,1-Dichloroethene	1.84	96	13954	6.476	ug/l #	56
13) Acrolein	2.07	56	4187	48.741	ug/l	84
14) Allyl chloride	2.17	41	22124	6.966	ug/l #	62
15) Acrylonitrile	3.05	53	8128	27.849	ug/l #	77
16) Acetone	2.32	43	22840	39.396	ug/l	99
17) Carbon Disulfide	1.83	76	15286	2.551	ug/l #	89
18) Methyl Acetate	2.43	43	6782	6.172	ug/l #	91
19) Methyl tert-butyl Ether	2.52	73	34219	7.055	ug/l	93
20) Methylene Chloride	2.26	84	10144	5.040	ug/l	97
21) trans-1,2-Dichloroethene	2.39	96	12544	6.238	ug/l	91
22) Diisopropyl ether	2.90	45	39176	6.001	ug/l	94
23) Vinyl Acetate	3.31	43	54987	24.061	ug/l	97
24) 1,1-Dichloroethane	2.98	63	28533	6.513	ug/l #	95
25) 2-Butanone	4.49	43	13338	21.135	ug/l #	88
26) 2,2-Dichloropropane	3.74	77	19927	8.723	ug/l	89
27) cis-1,2-Dichloroethene	3.61	96	11334	4.828	ug/l	95
28) Bromochloromethane	3.85	49	9391	6.171	ug/l	89
29) Tetrahydrofuran	4.24	42	8446	31.748	ug/l	96
30) Chloroform	4.01	83	34581	6.821	ug/l	92
31) Cyclohexane	3.84	56	15565	5.553	ug/l	93
32) 1,1,1-Trichloroethane	4.25	97	30822	7.717	ug/l	97
36) 1,1-Dichloropropene	4.43	75	21629	7.481	ug/l #	85
37) Ethyl Acetate	4.28	43	7577	7.419	ug/l #	34
38) Carbon Tetrachloride	4.15	117	32013	11.023	ug/l	92

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 Acq On : 25 Oct 2018 13:39
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 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Oct 26 00:36:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 00:30:37 2018
 Response via : Initial Calibration

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

39) Methylcyclohexane	5.61	83	17473	6.419	ug/l	83
40) Benzene	4.79	78	34673	5.841	ug/l	95
41) Methacrylonitrile	4.90	41	3700	6.376	ug/l #	88
42) 1,2-Dichloroethane	5.11	62	20335	7.551	ug/l	96
43) Isopropyl Acetate	7.10	43	7146	5.614	ug/l #	86
44) Trichloroethene	5.67	130	12348	6.677	ug/l	83
45) 1,2-Dichloropropane	6.38	63	7896	5.434	ug/l	94
46) Dibromomethane	6.24	93	7454	6.395	ug/l #	84
47) Bromodichloromethane	6.54	83	20979	7.126	ug/l	93
48) Methyl methacrylate	6.87	41	4759	5.519	ug/l	87
49) 1,4-Dioxane	6.85	88	870	117.369	ug/l #	28
51) 4-Methyl-2-Pentanone	8.40	43	26507	29.853	ug/l	90
52) Toluene	7.77	92	22022	5.890	ug/l	77
53) t-1,3-Dichloropropene	8.42	75	16364	7.157	ug/l	95
54) cis-1,3-Dichloropropene	7.44	75	15233	5.720	ug/l	93
55) 1,1,2-Trichloroethane	8.64	97	6492	5.650	ug/l #	90
56) Ethyl methacrylate	8.75	69	6401	4.815	ug/l	97
57) 1,3-Dichloropropane	8.99	76	10817	5.467	ug/l #	77
58) 2-Chloroethyl Vinyl ether	7.77	63	5150	38.122	ug/l	100
59) 2-Hexanone	9.62	43	21176	32.971	ug/l	92
60) Dibromochloromethane	8.85	129	11359	6.298	ug/l	69
61) 1,2-Dibromoethane	9.12	107	7475	5.758	ug/l	87
64) Tetrachloroethene	8.29	164	11463	6.169	ug/l	93
65) Chlorobenzene	9.94	112	26763	5.878	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.06	131	12443	6.067	ug/l	79
67) Ethyl Benzene	10.03	91	55831	6.499	ug/l	97
68) m/p-Xylenes	10.26	106	33138	11.300	ug/l	100
69) o-Xylene	10.82	106	19187	6.016	ug/l	97
70) Styrene	10.90	104	26753	5.828	ug/l	93
71) Bromoform	10.88	173	7175	6.900	ug/l #	96
73) Isopropylbenzene	11.23	105	63620	5.414	ug/l	92
74) N-amyl acetate	11.46	43	12376	4.839	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.78	83	9473	4.796	ug/l	75
76) 1,2,3-Trichloropropane	11.88	75	8841	5.790	ug/l	85
77) Bromobenzene	11.59	156	13171	5.044	ug/l	93
78) n-propylbenzene	11.68	91	78411	5.603	ug/l	100
79) 2-Chlorotoluene	11.81	91	48548	5.925	ug/l	96
80) 1,3,5-Trimethylbenzene	11.91	105	60333	6.120	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.95	75	5030	7.556	ug/l #	84
82) 4-Chlorotoluene	11.99	91	53168	6.290	ug/l	95
83) tert-Butylbenzene	12.21	119	55058	5.556	ug/l	90
84) 1,2,4-Trimethylbenzene	12.28	105	59334	5.928	ug/l	98
85) sec-Butylbenzene	12.38	105	79793	5.937	ug/l	96
86) p-Isopropyltoluene	12.54	119	68493	6.207	ug/l	98
87) 1,3-Dichlorobenzene	12.55	146	29817	5.994	ug/l	95
88) 1,4-Dichlorobenzene	12.64	146	28279	5.862	ug/l	94
89) n-Butylbenzene	12.91	91	74424	6.446	ug/l	98
90) Hexachloroethane	12.99	117	17395	6.593	ug/l	98
91) 1,2-Dichlorobenzene	13.01	146	29287	6.116	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.71	75	2323	5.541	ug/l	76

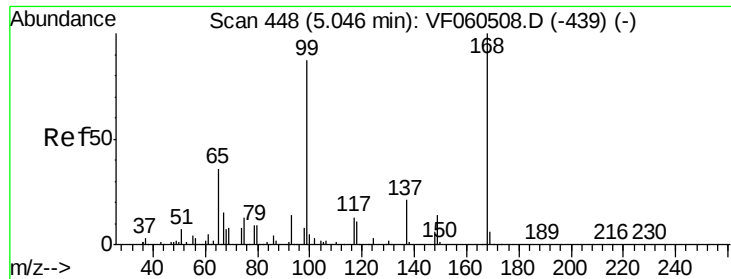
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF102518\
Data File : VF0605CC.D
Acq On : 25 Oct 2018 13:39
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Oct 26 00:36:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 00:30:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	23571	6.374	ug/l	92
94) Hexachlorobutadiene	14.25	225	17068	6.789	ug/l	92
95) Naphthalene	14.52	128	31187	4.906	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	20352	5.907	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

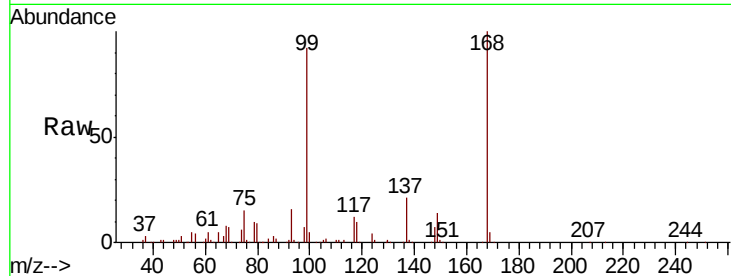
ClientSampleId :

Tgt Ion:168 Resp: 174459

Ion Ratio Lower Upper

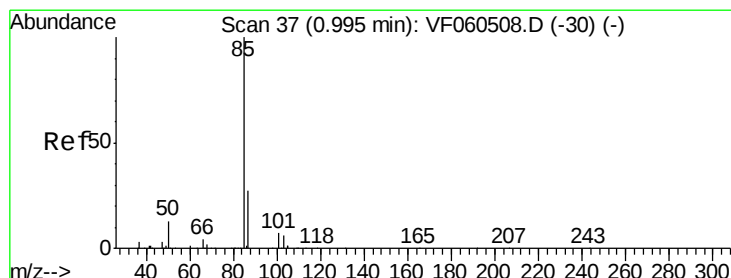
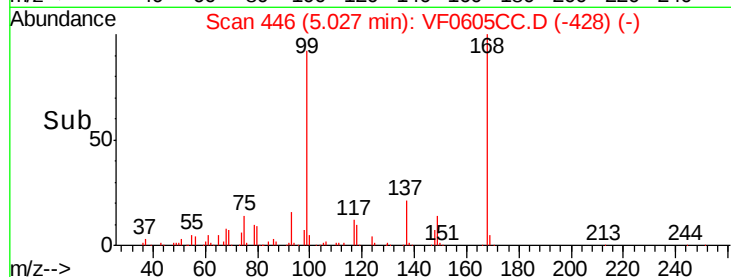
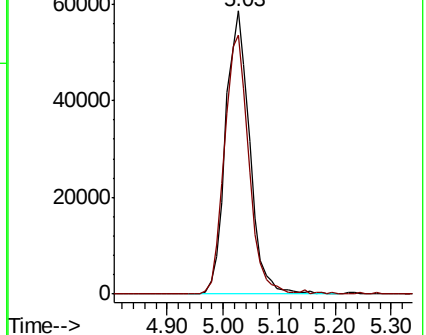
168 100

99 91.6 69.9 104.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 7.565 ug/l

RT: 0.99 min Scan# 36

Delta R.T. -0.01 min

Lab File: VF0605CC.D

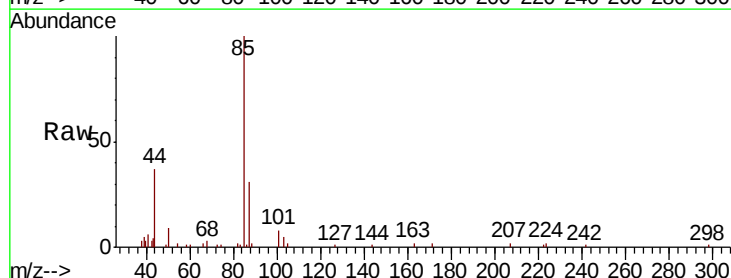
Acq: 25 Oct 2018 13:39

Tgt Ion: 85 Resp: 25932

Ion Ratio Lower Upper

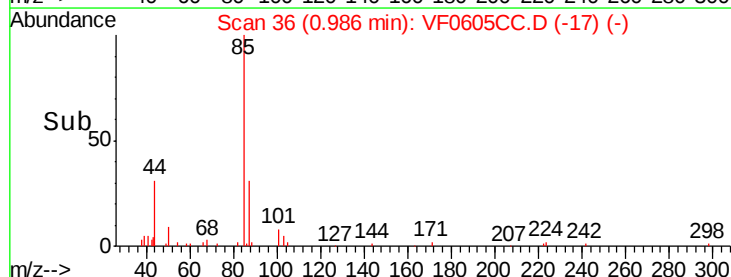
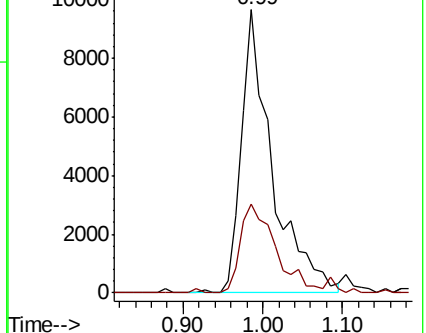
85 100

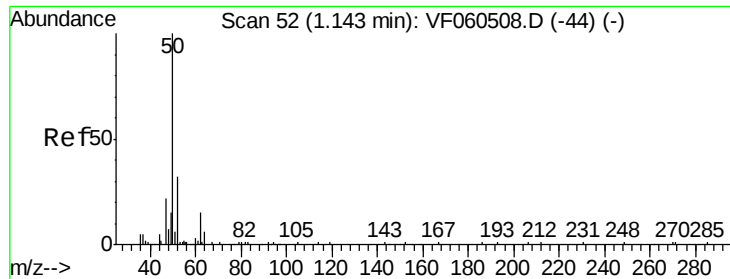
87 31.4 13.5 40.4



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 5.449 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

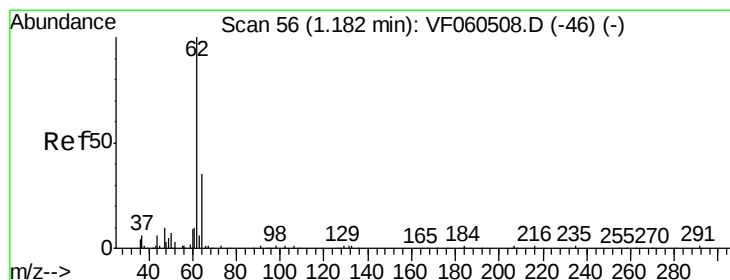
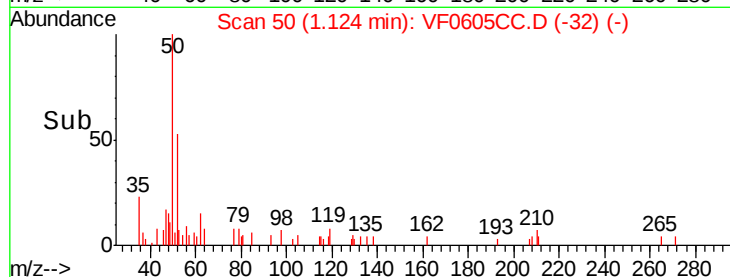
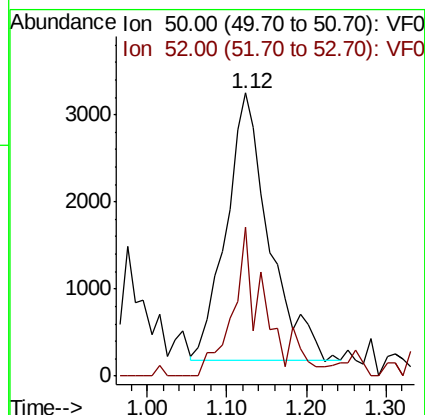
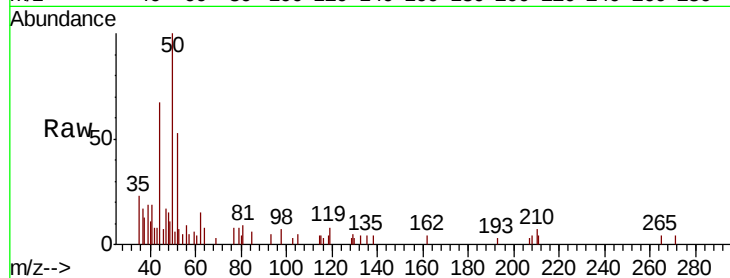
Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 11556

Ion Ratio Lower Upper

50 100

52 52.8 24.5 36.7#



#4

Vinyl Chloride

Concen: 5.887 ug/l

RT: 1.18 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF0605CC.D

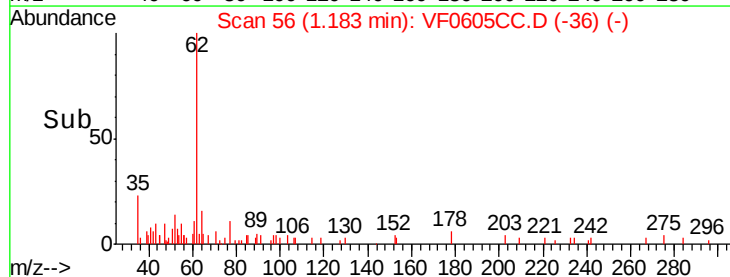
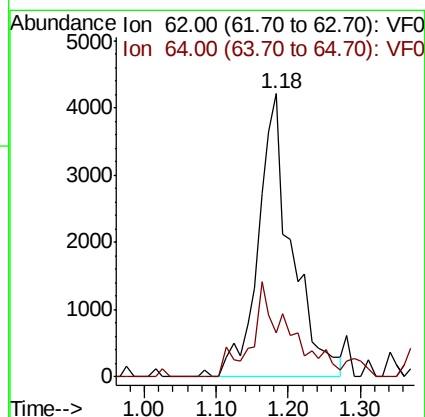
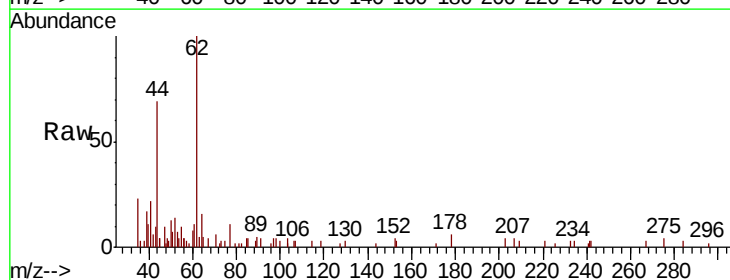
Acq: 25 Oct 2018 13:39

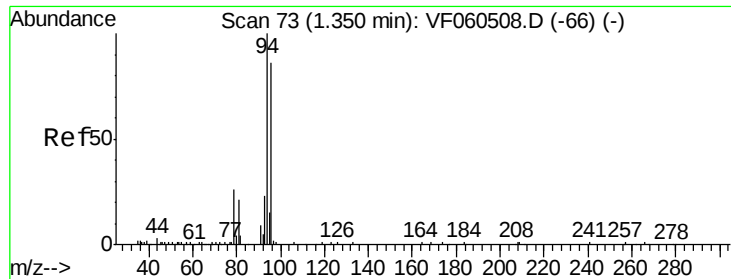
Tgt Ion: 62 Resp: 13544

Ion Ratio Lower Upper

62 100

64 15.8 27.8 41.8#





#5

Bromomethane

Concen: 8.124 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

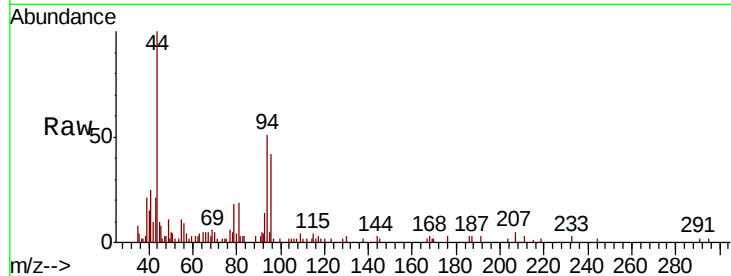
ClientSampleId :

Tgt Ion: 94 Resp: 14697

Ion Ratio Lower Upper

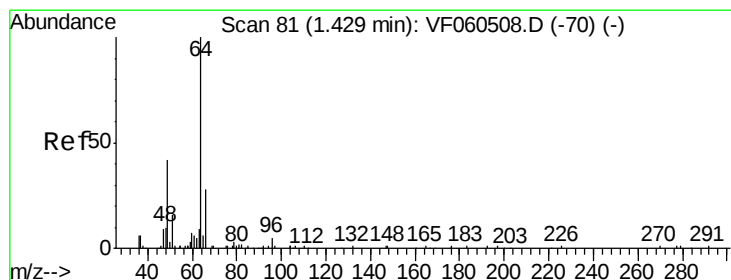
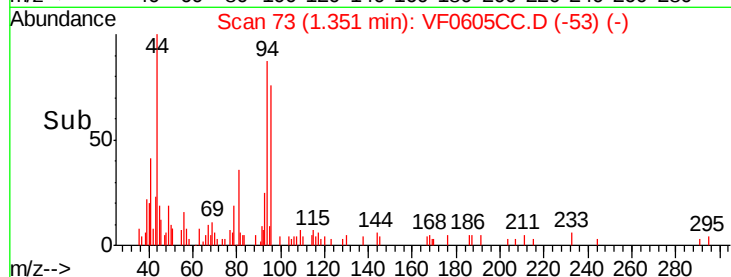
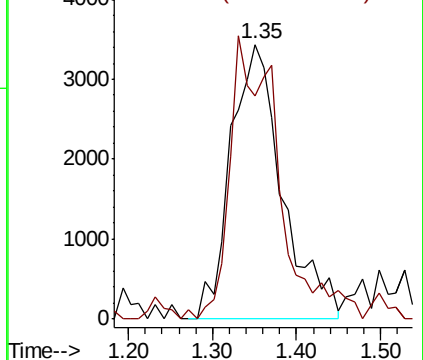
94 100

96 81.3 70.6 105.8



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 7.357 ug/l

RT: 1.42 min Scan# 80

Delta R.T. -0.01 min

Lab File: VF0605CC.D

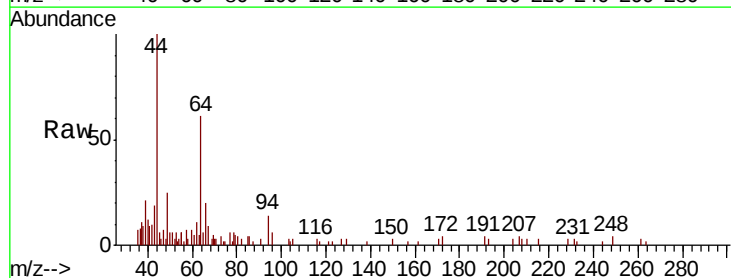
Acq: 25 Oct 2018 13:39

Tgt Ion: 64 Resp: 8947

Ion Ratio Lower Upper

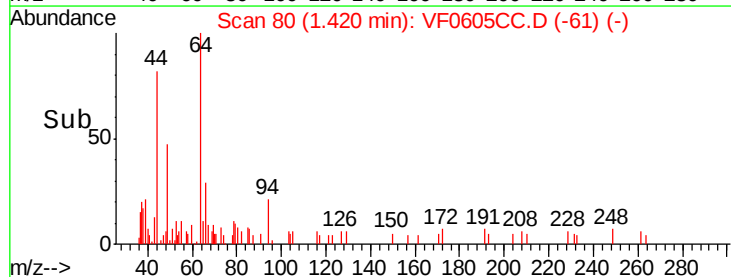
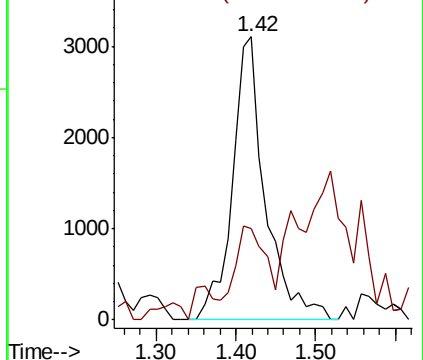
64 100

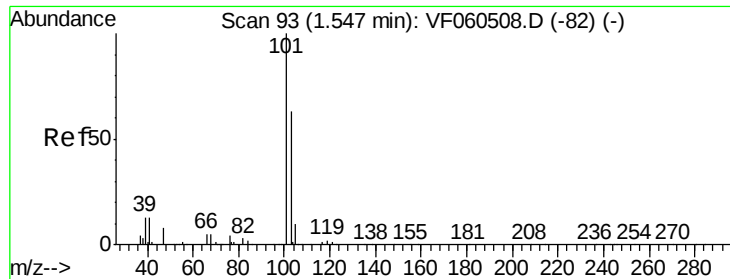
66 32.3 22.4 33.6



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

Trichlorofluoromethane

Concen: 8.394 ug/l

RT: 1.53 min Scan# 91

Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

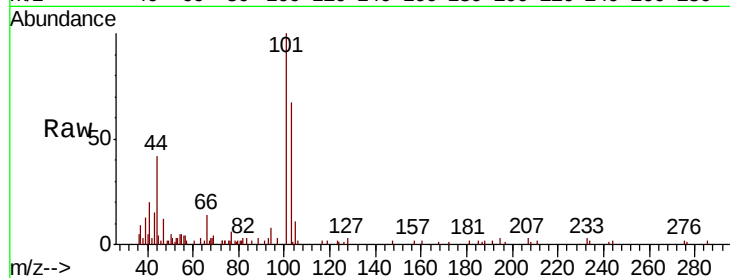
ClientSampleId :

Tgt Ion:101 Resp: 43282

Ion Ratio Lower Upper

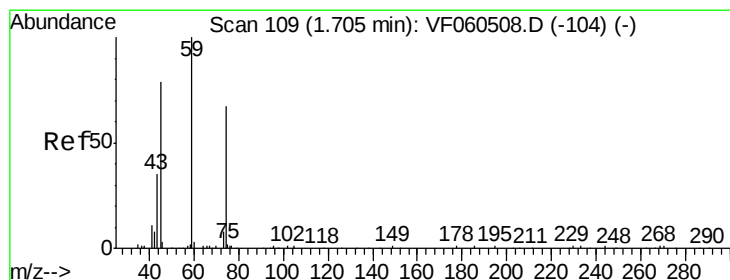
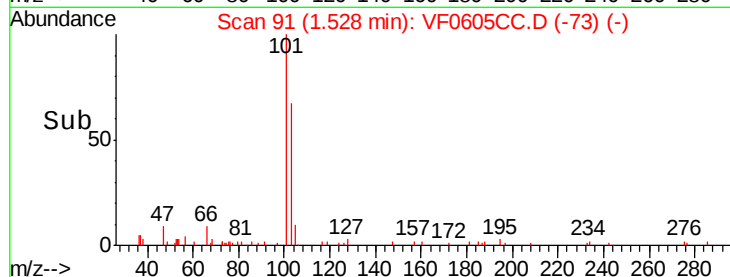
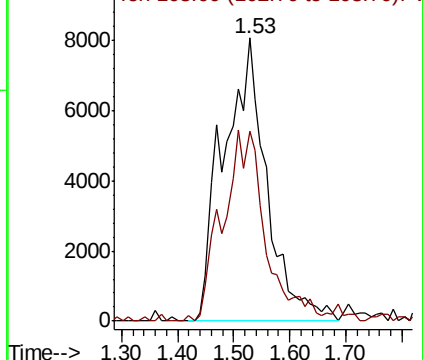
101 100

103 67.3 50.4 75.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 6.149 ug/l

RT: 1.69 min Scan# 107

Delta R.T. -0.02 min

Lab File: VF0605CC.D

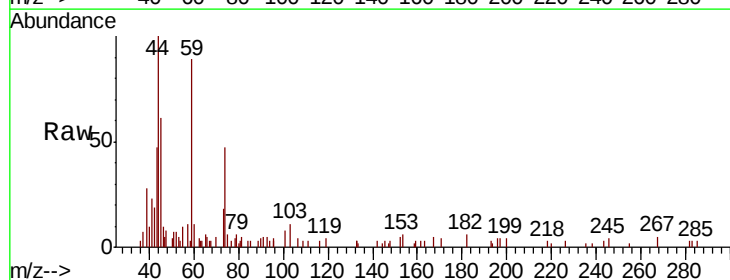
Acq: 25 Oct 2018 13:39

Tgt Ion: 74 Resp: 4537

Ion Ratio Lower Upper

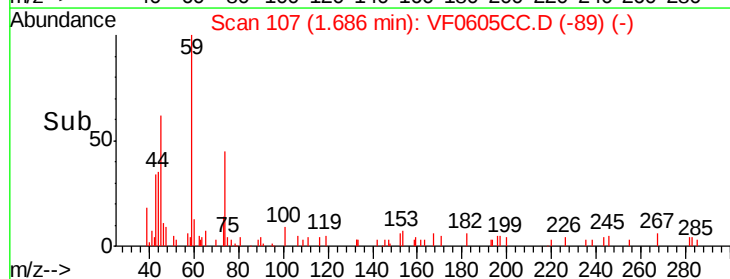
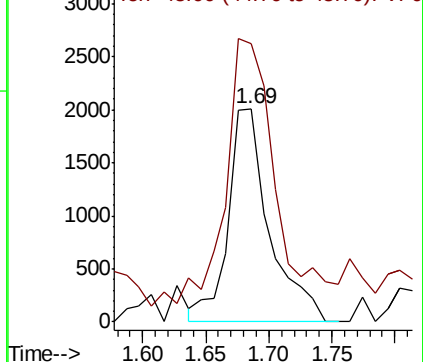
74 100

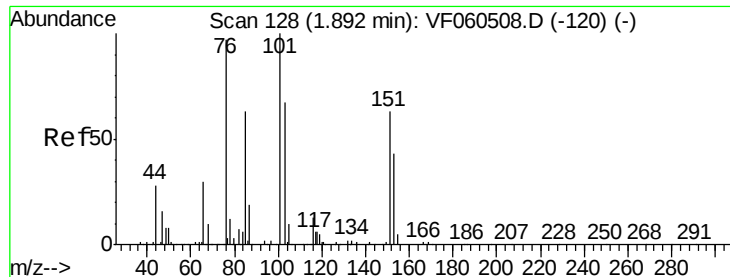
45 130.4 62.1 186.3



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: 7.570 ug/l

RT: 1.87 min Scan# 126

Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

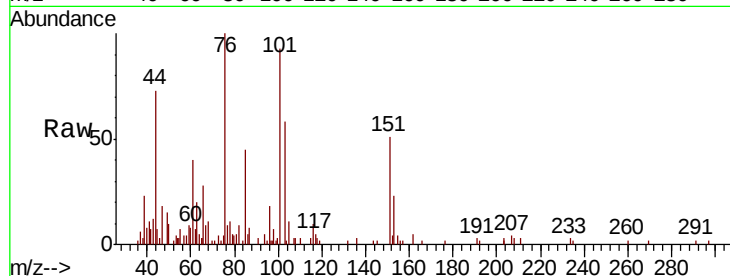
Tgt Ion:101 Resp: 19527

Ion Ratio Lower Upper

101 100

85 48.5 49.9 74.9#

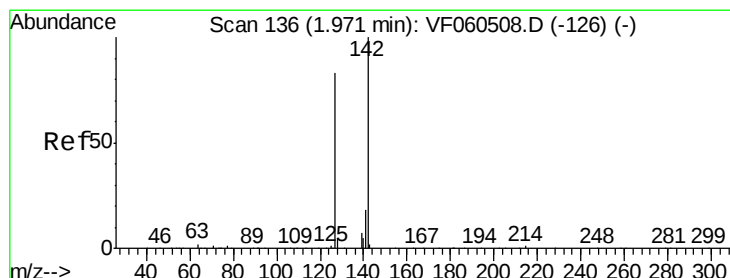
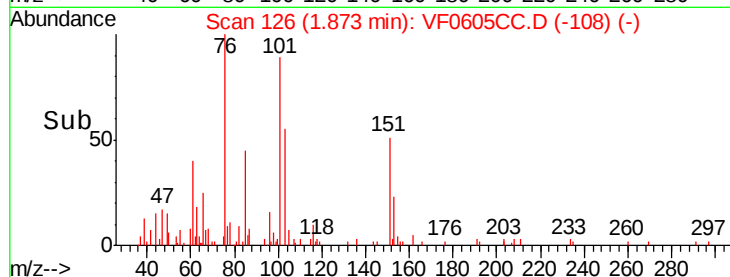
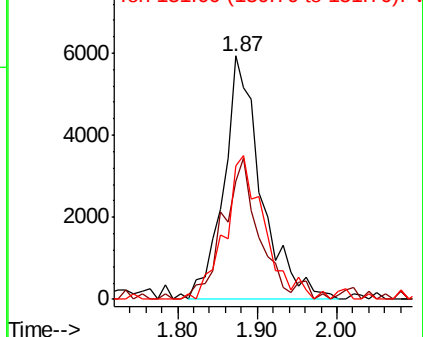
151 55.1 50.6 76.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 4.024 ug/l

RT: 1.95 min Scan# 134

Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

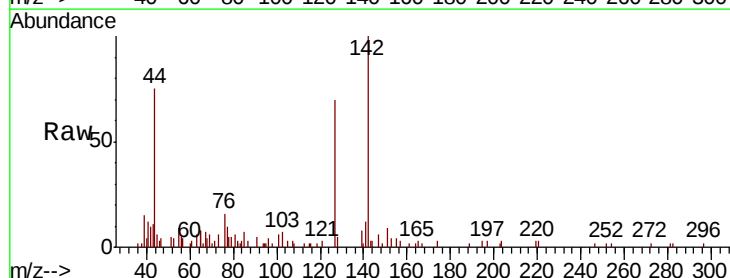
Tgt Ion:142 Resp: 16458

Ion Ratio Lower Upper

142 100

127 69.8 66.5 99.7

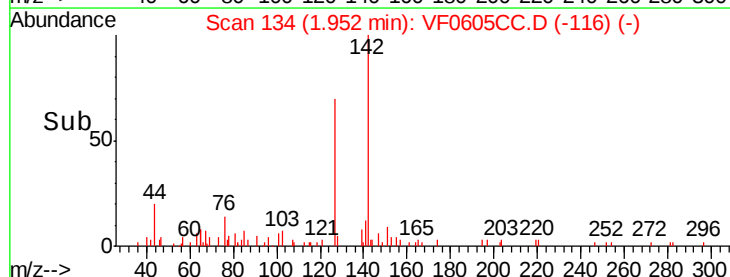
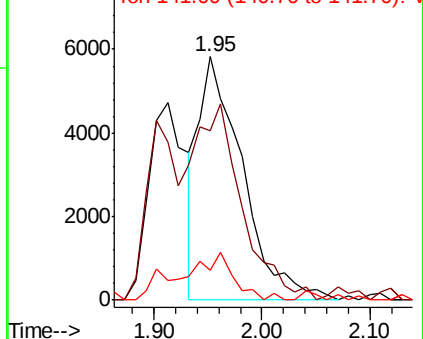
141 12.4 14.2 21.4#

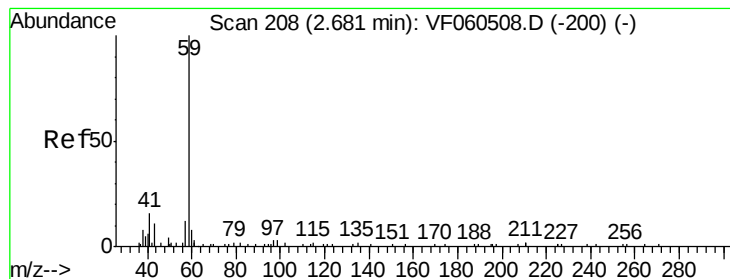


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



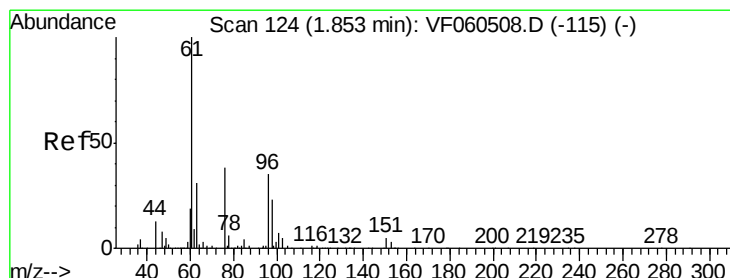
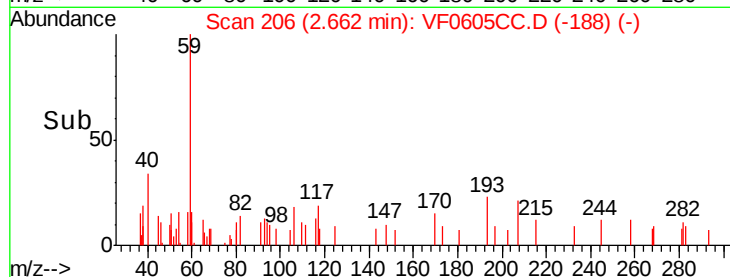
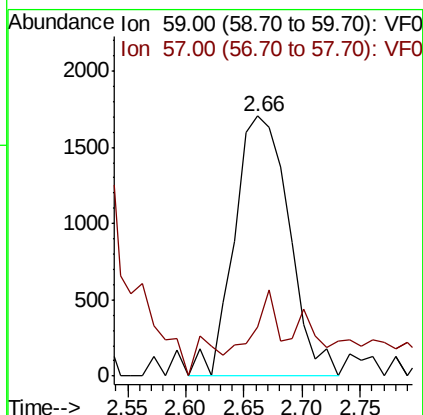
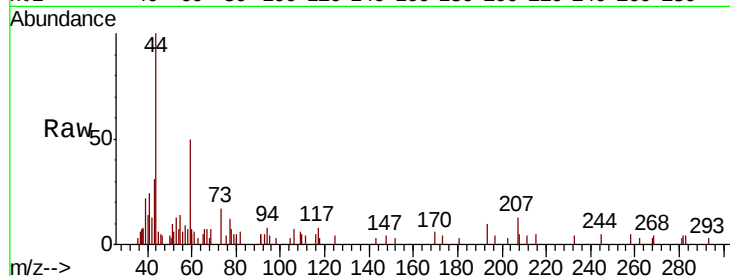


#11

Tert butyl alcohol
 Concen: 39.990 ug/l
 RT: 2.66 min Scan# 206
 Delta R.T. -0.02 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :

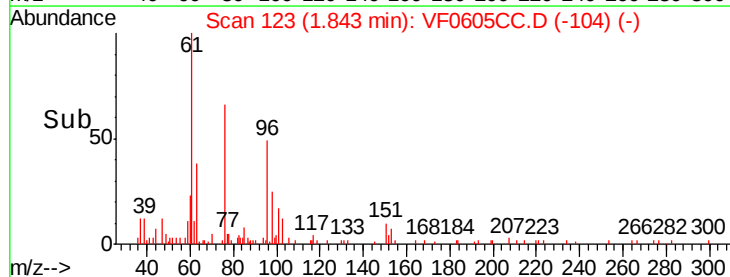
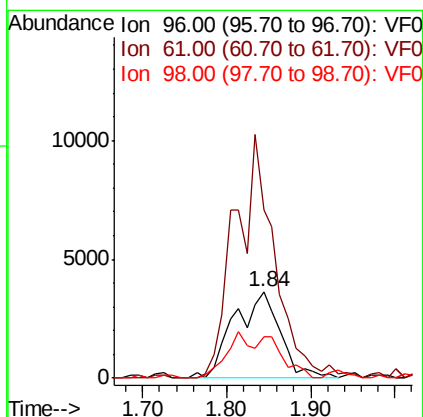
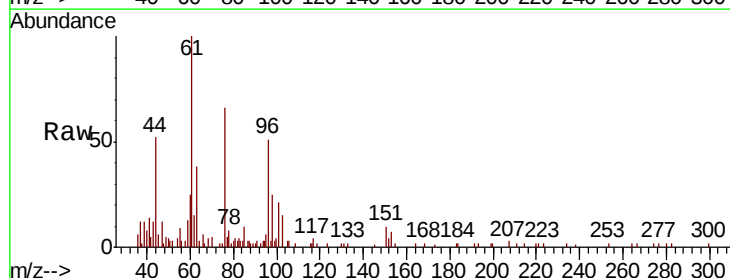
Tgt Ion: 59 Resp: 5544
 Ion Ratio Lower Upper
 59 100
 57 18.8 15.8 23.8

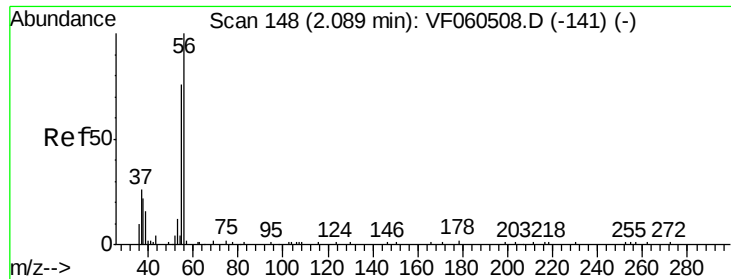


#12

1,1-Dichloroethene
 Concen: 6.476 ug/l
 RT: 1.84 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion: 96 Resp: 13954
 Ion Ratio Lower Upper
 96 100
 61 195.1 231.4 347.0#
 98 48.0 53.3 79.9#

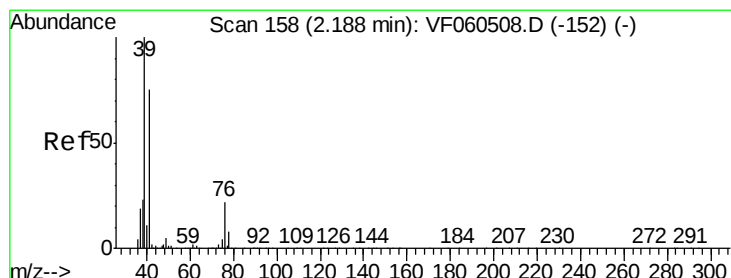
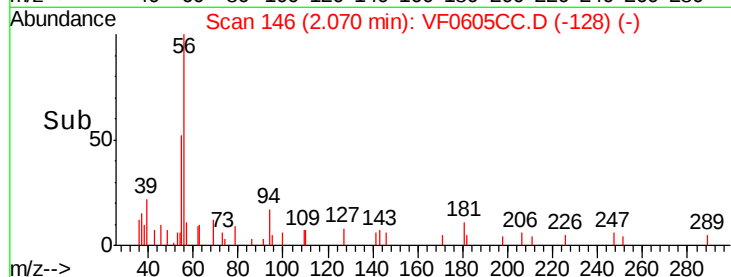
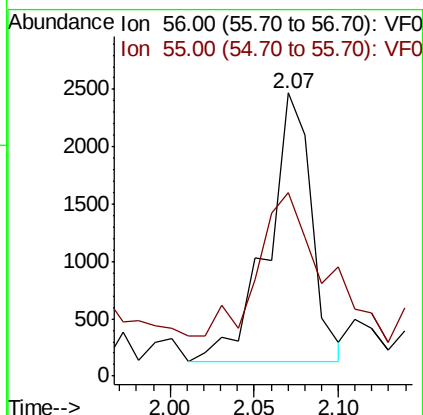
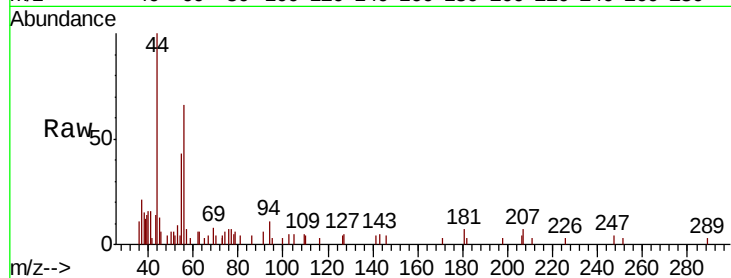




#13
Acrolein
Concen: 48.741 ug/l
RT: 2.07 min Scan# 146
Delta R.T. -0.02 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

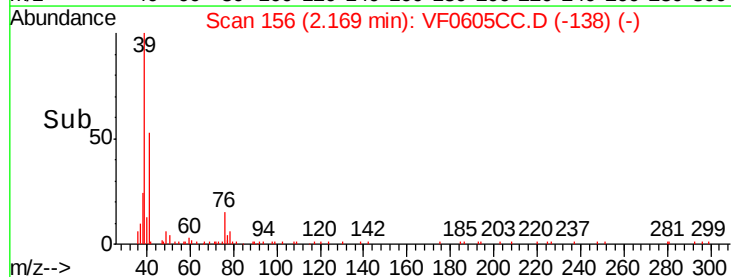
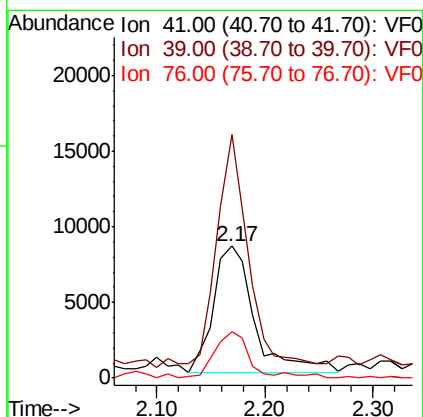
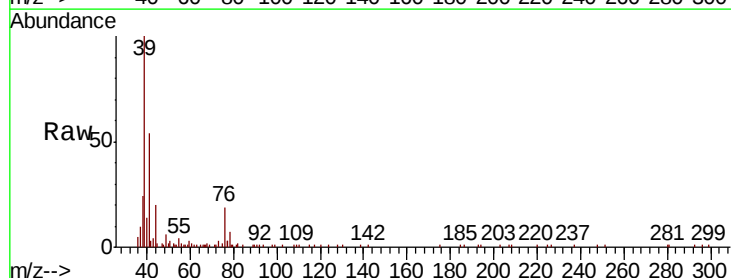
Instrument :
MSVOA_F
ClientSampled :

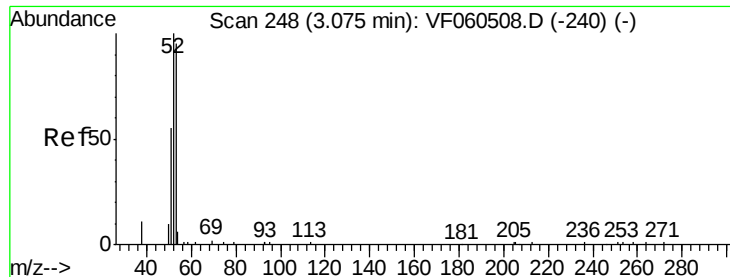
Tgt Ion: 56 Resp: 4187
Ion Ratio Lower Upper
56 100
55 65.1 63.0 94.4



#14
Allyl chloride
Concen: 6.966 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 41 Resp: 22124
Ion Ratio Lower Upper
41 100
39 184.2 106.0 159.0#
76 35.5 24.1 36.1





#15

Acrylonitrile

Concen: 27.849 ug/l

RT: 3.05 min Scan# 245

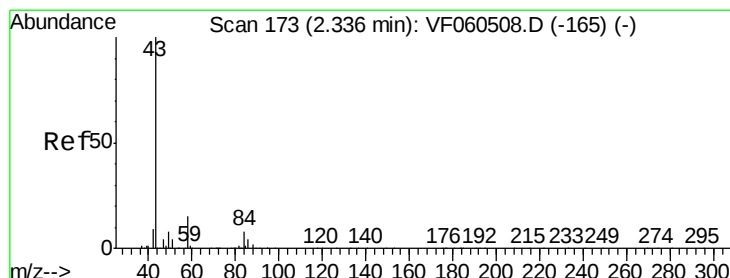
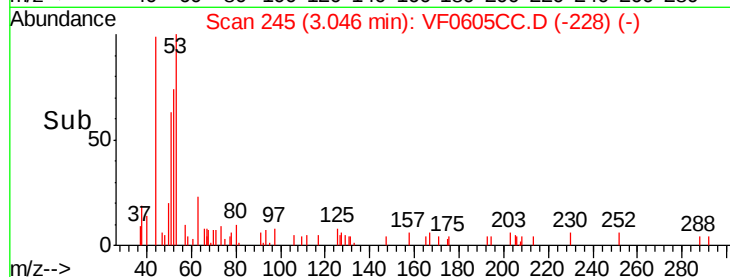
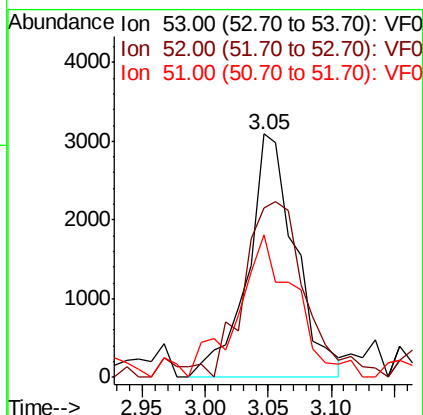
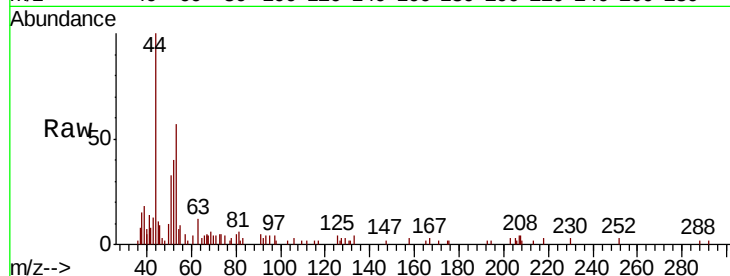
Delta R.T. -0.03 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:	53	Resp:	8128
Ion	Ratio	Lower	Upper
53	100		
52	69.3	84.0	126.0#
51	58.7	48.6	73.0



#16

Acetone

Concen: 39.396 ug/l

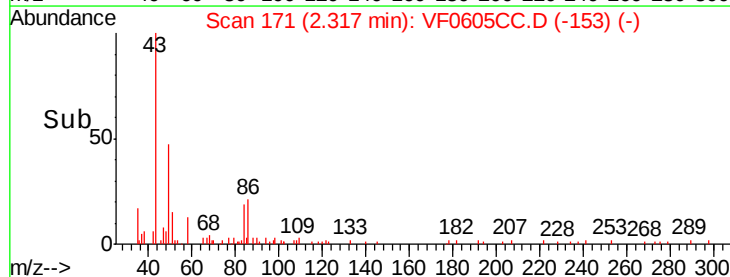
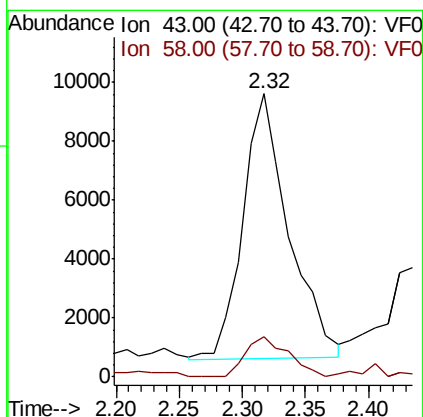
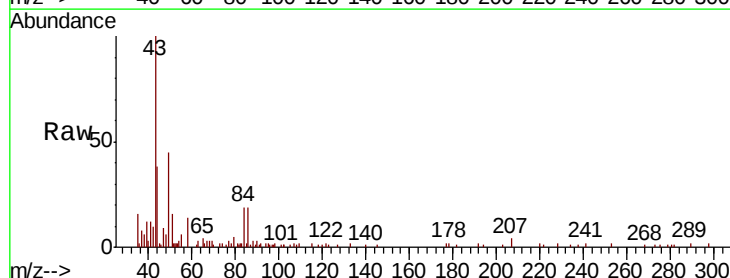
RT: 2.32 min Scan# 171

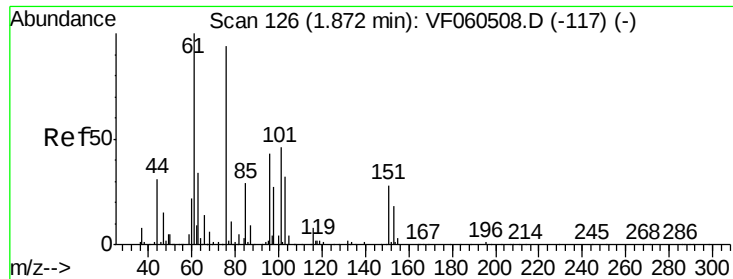
Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Tgt Ion:	43	Resp:	22840
Ion	Ratio	Lower	Upper
43	100		
58	14.1	11.7	17.5

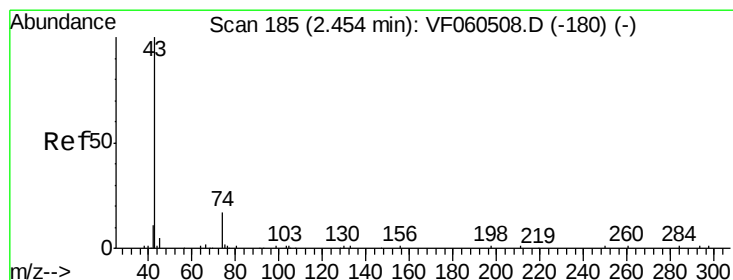
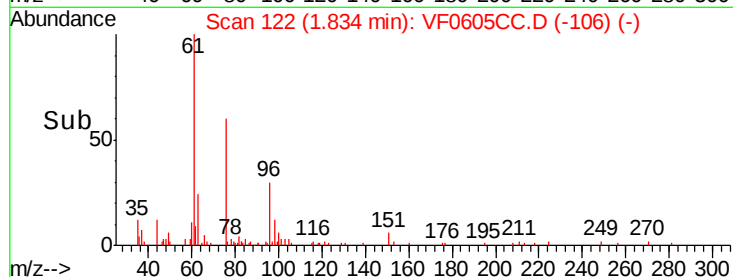
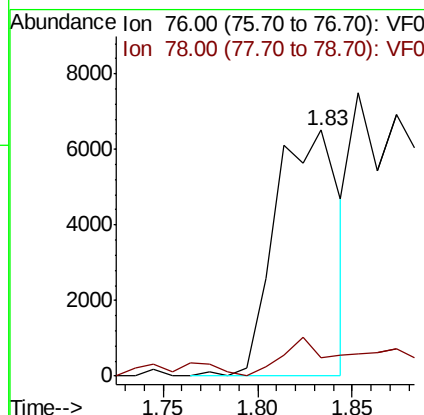
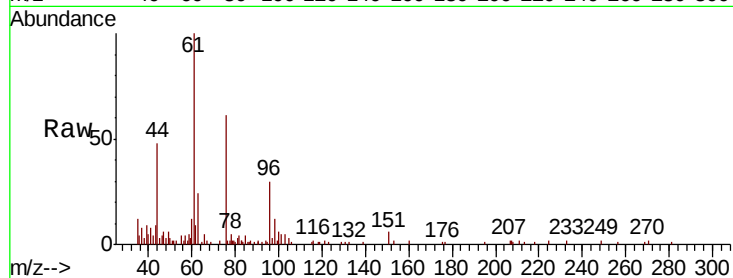




#17
Carbon Disulfide
Concen: 2.551 ug/l
RT: 1.83 min Scan# 122
Delta R.T. -0.04 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

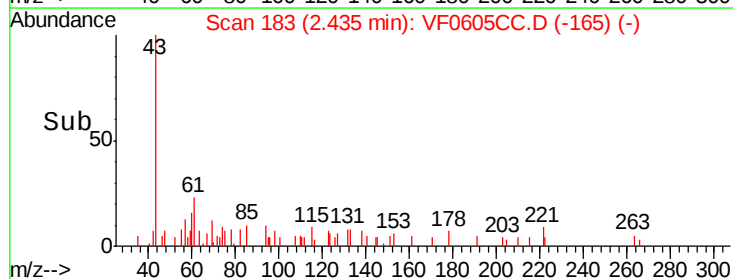
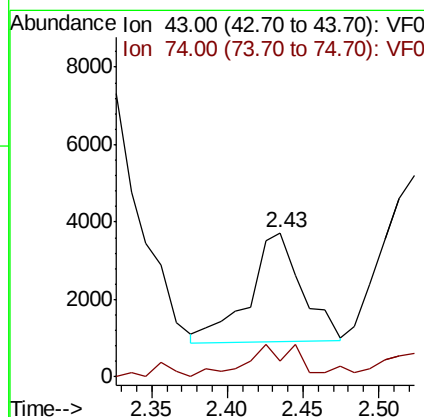
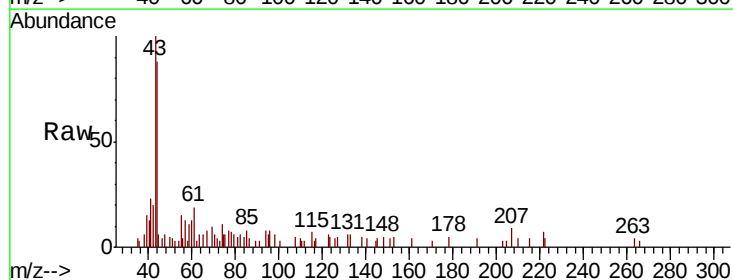
Instrument :
MSVOA_F
ClientSampleId :

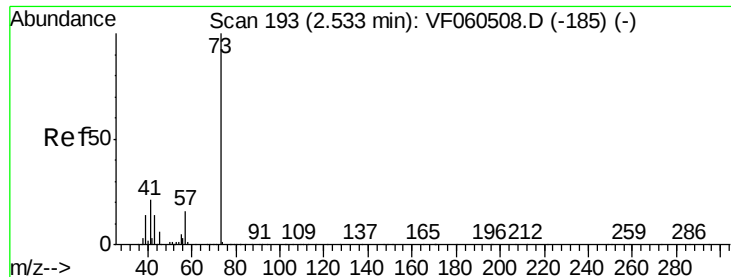
Tgt Ion: 76 Resp: 15286
Ion Ratio Lower Upper
76 100
78 7.4 9.2 13.8#



#18
Methyl Acetate
Concen: 6.172 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 43 Resp: 6782
Ion Ratio Lower Upper
43 100
74 11.3 12.1 18.1#



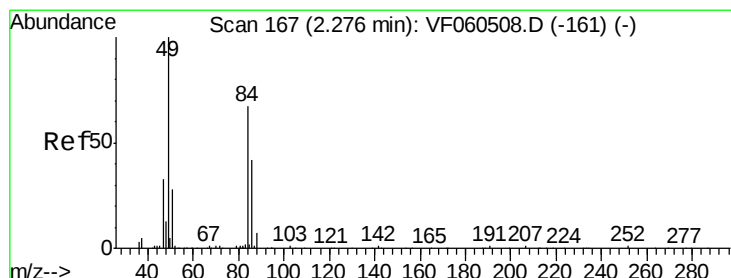
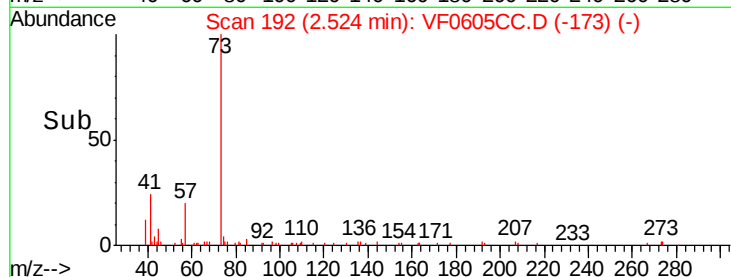
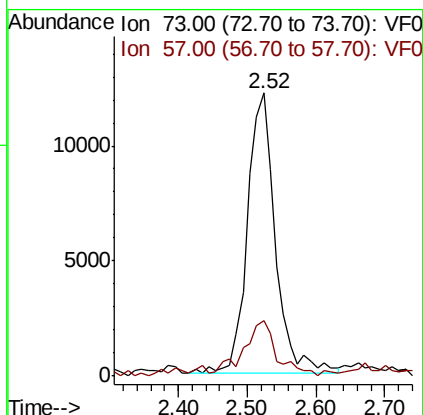
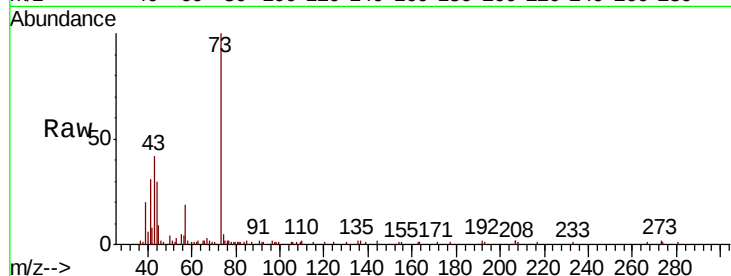


#19

Methyl tert-butyl Ether
 Concen: 7.055 ug/l
 RT: 2.52 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampled :

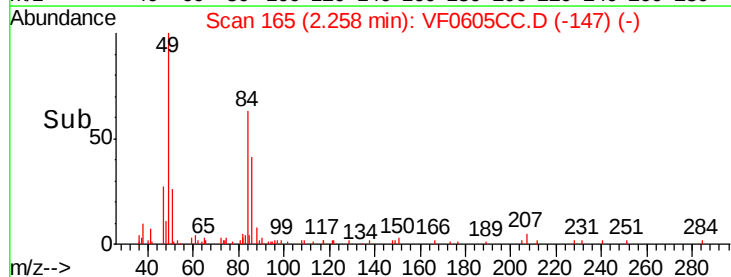
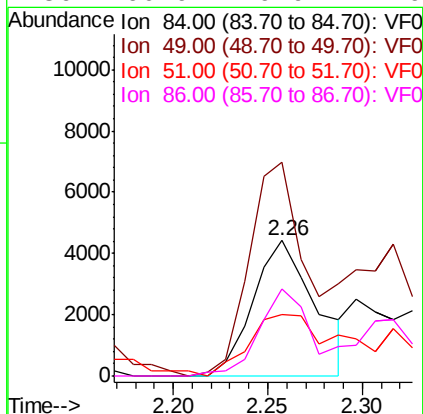
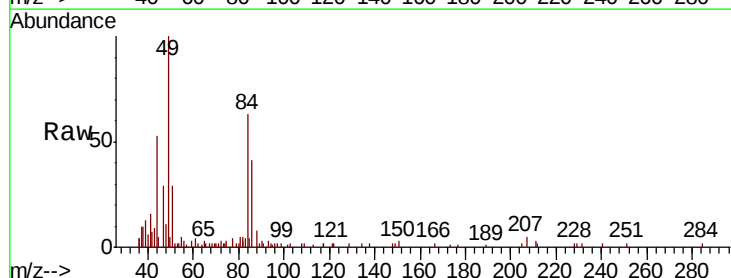
Tgt Ion: 73 Resp: 34219
 Ion Ratio Lower Upper
 73 100
 57 19.5 13.3 19.9

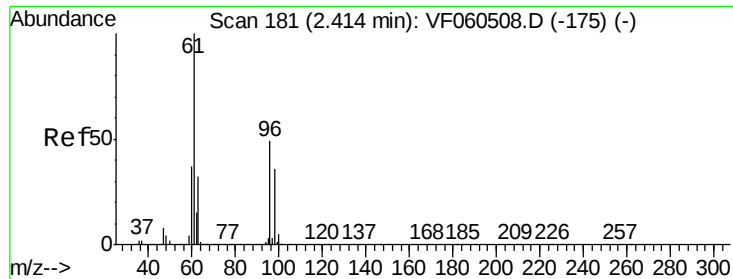


#20

Methylene Chloride
 Concen: 5.040 ug/l
 RT: 2.26 min Scan# 165
 Delta R.T. -0.02 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion: 84 Resp: 10144
 Ion Ratio Lower Upper
 84 100
 49 149.4 123.1 184.7
 51 46.0 35.3 52.9
 86 60.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 6.238 ug/l

RT: 2.39 min Scan# 178

Delta R.T. -0.03 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

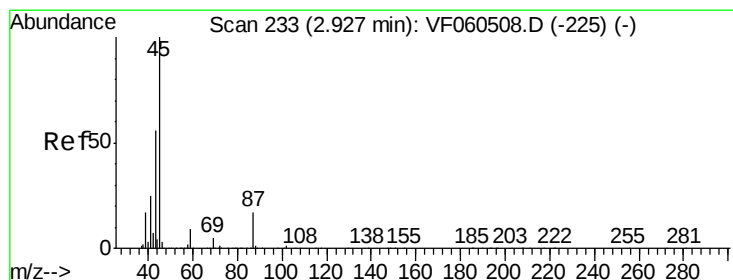
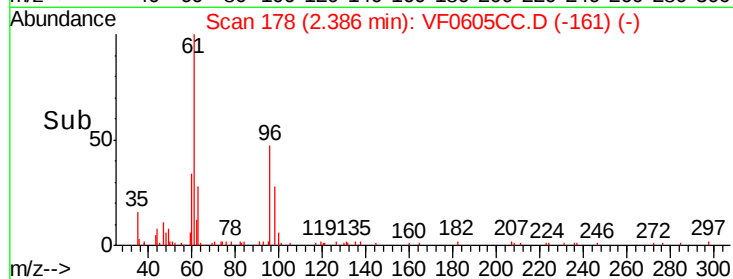
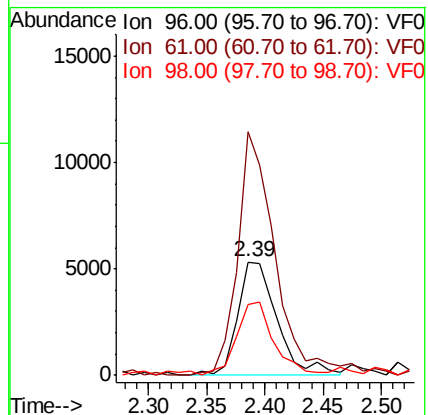
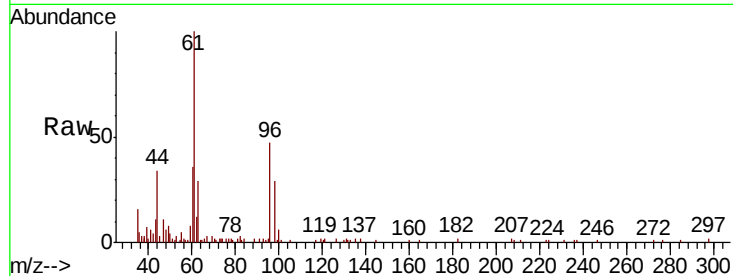
Tgt Ion: 96 Resp: 12544

Ion Ratio Lower Upper

96 100

61 214.5 162.5 243.7

98 62.9 58.5 87.7



#22

Diisopropyl ether

Concen: 6.001 ug/l

RT: 2.90 min Scan# 230

Delta R.T. -0.03 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Tgt Ion: 45 Resp: 39176

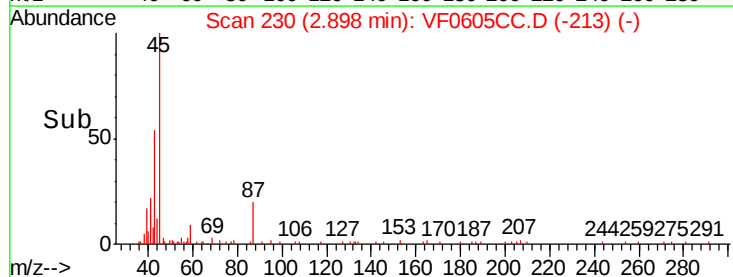
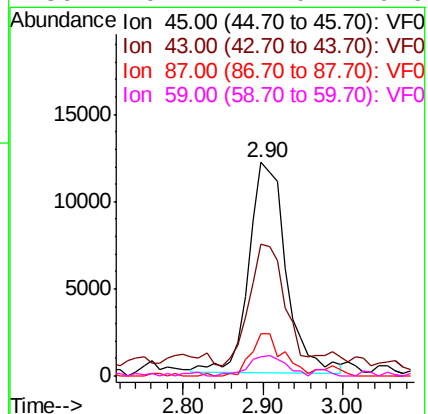
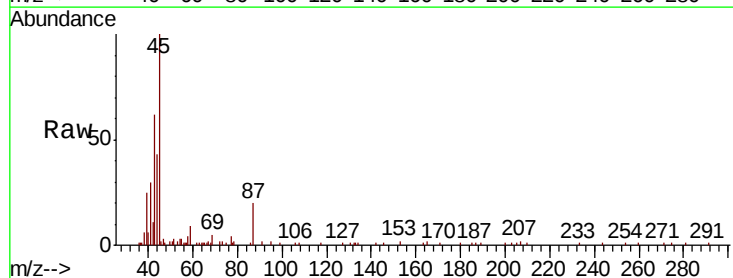
Ion Ratio Lower Upper

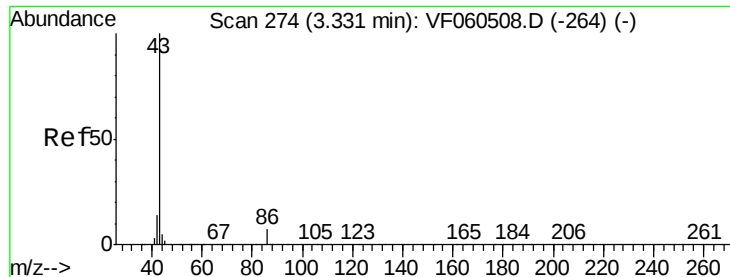
45 100

43 61.9 45.2 67.8

87 19.5 13.4 20.2

59 9.1 7.0 10.6





#23

Vinyl Acetate

Concen: 24.061 ug/l

RT: 3.31 min Scan# 272

Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

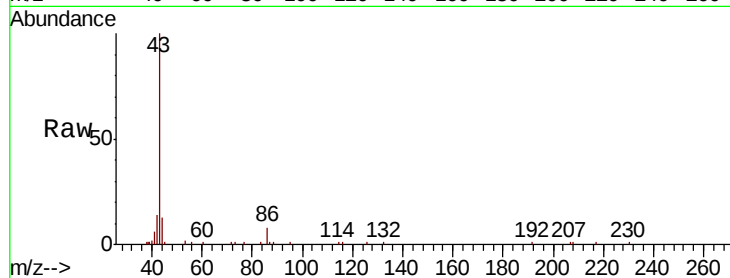
ClientSampleId :

Tgt Ion: 43 Resp: 54987

Ion Ratio Lower Upper

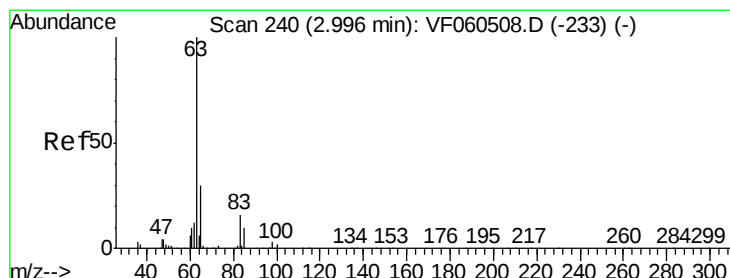
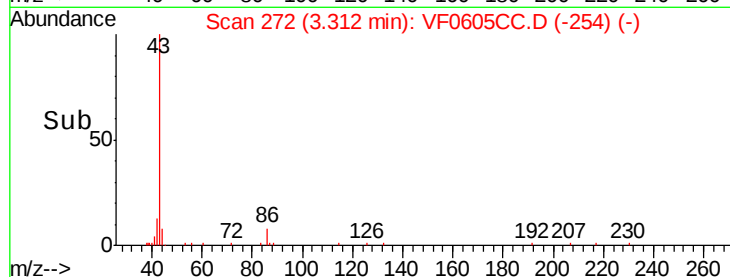
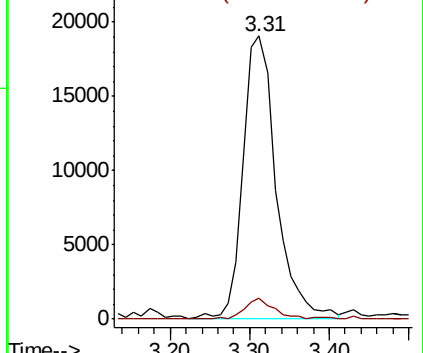
43 100

86 7.5 5.3 7.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 6.513 ug/l

RT: 2.98 min Scan# 238

Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

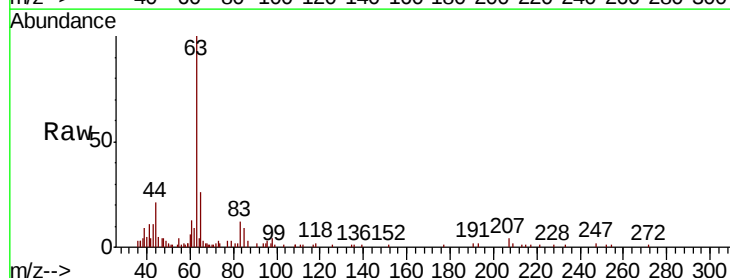
Tgt Ion: 63 Resp: 28533

Ion Ratio Lower Upper

63 100

98 4.4 1.7 5.0

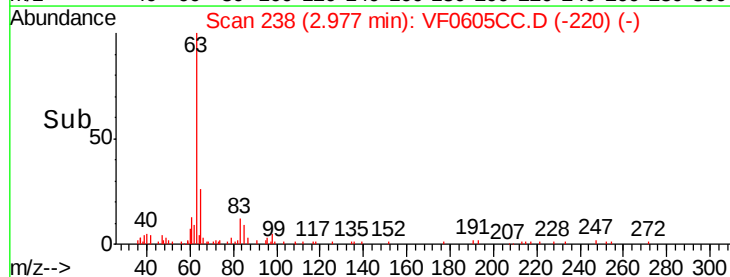
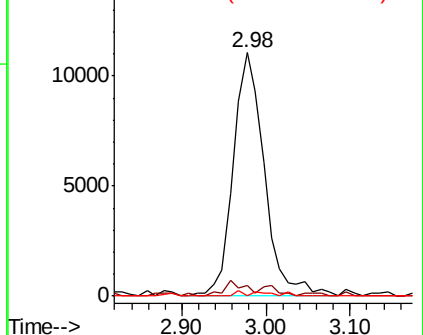
100 0.0 1.1 3.3#

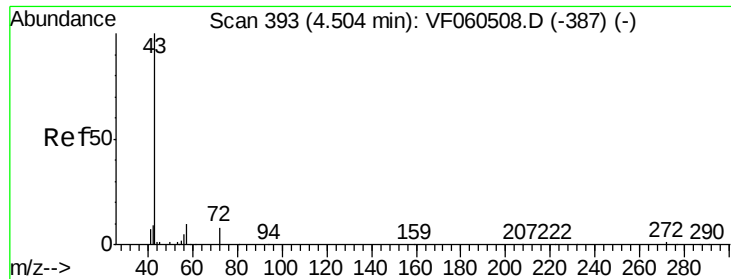


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 21.135 ug/l

RT: 4.49 min Scan# 391

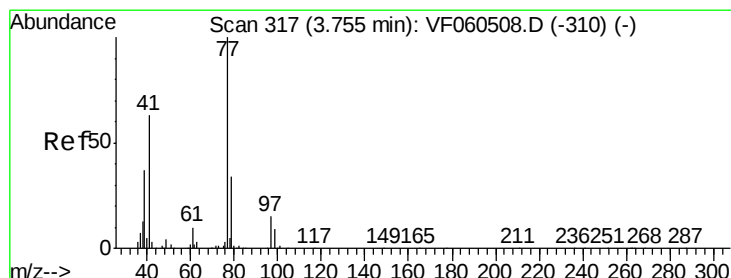
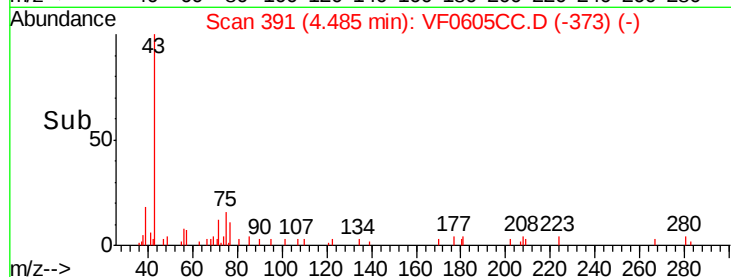
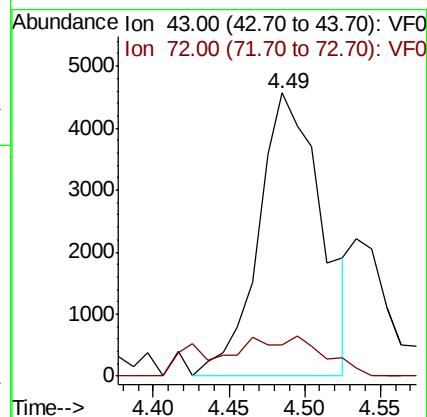
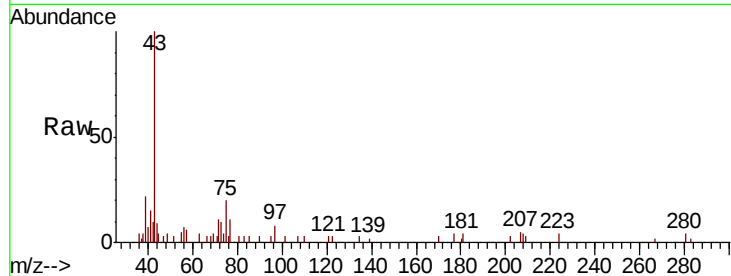
Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 13338
Ion Ratio Lower Upper
43 100
72 11.2 13.0 19.6#



#26

2,2-Dichloropropane

Concen: 8.723 ug/l

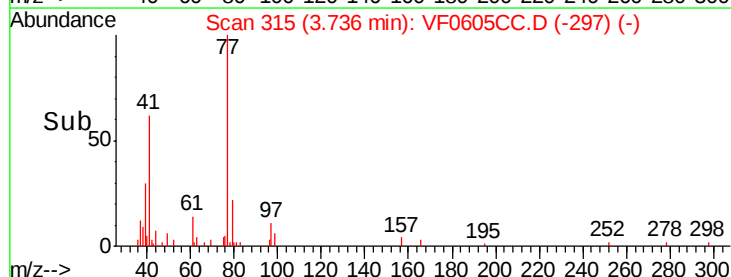
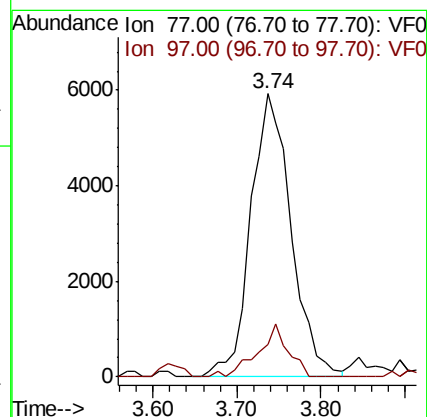
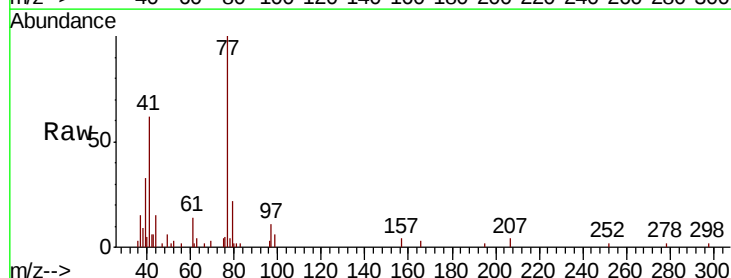
RT: 3.74 min Scan# 315

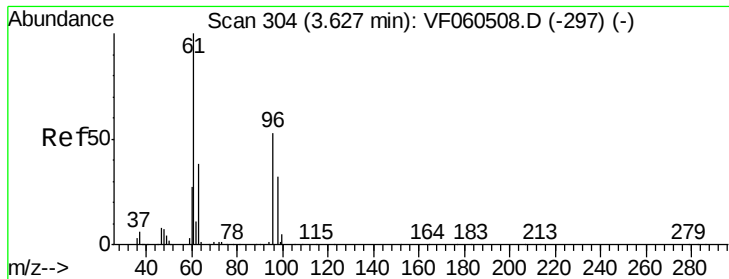
Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Tgt Ion: 77 Resp: 19927
Ion Ratio Lower Upper
77 100
97 11.3 7.9 23.7



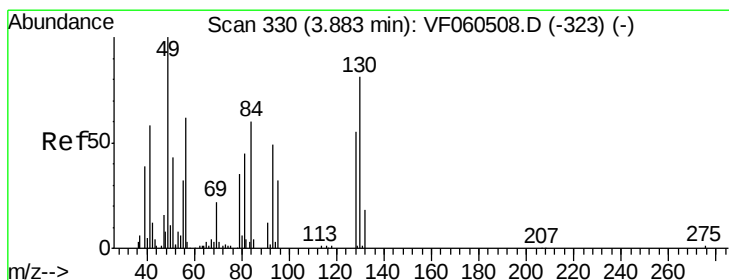
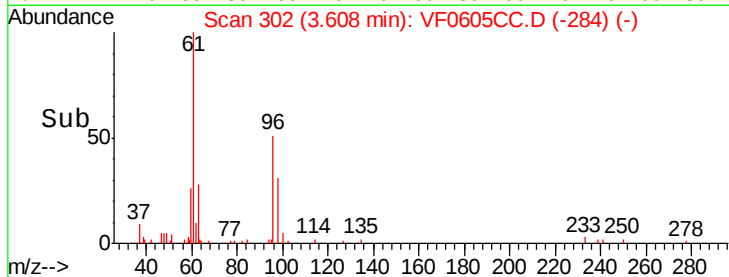
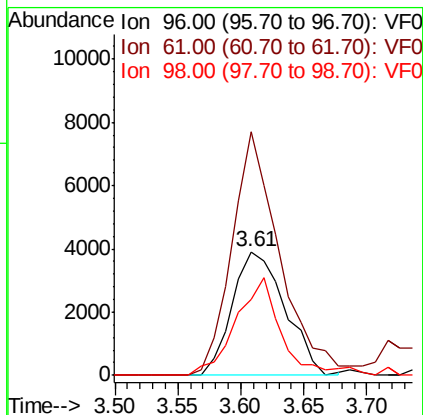
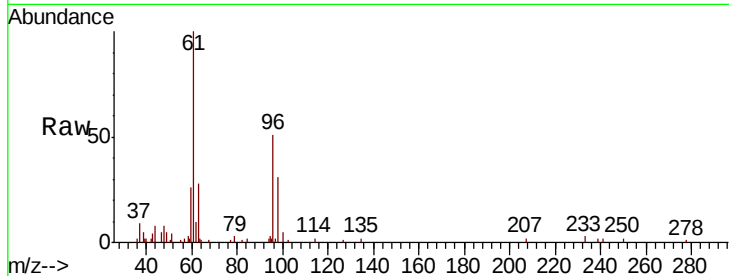


#27

cis-1,2-Dichloroethene
 Concen: 4.828 ug/l
 RT: 3.61 min Scan# 302
 Delta R.T. -0.02 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampled :

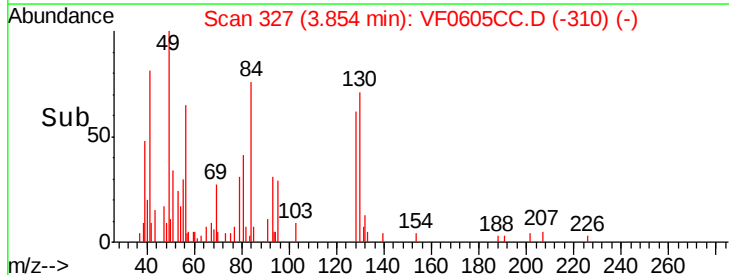
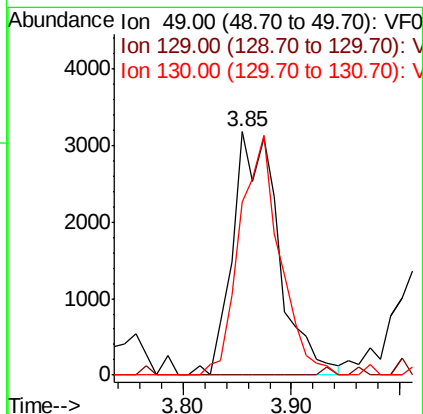
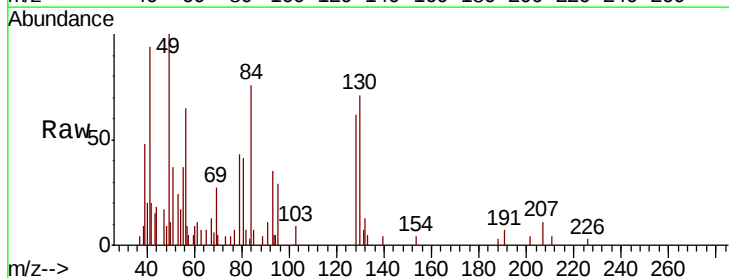
Tgt Ion	Ratio	Lower	Upper
96	100		
61	197.2	0.0	377.0
98	61.0	0.0	122.4

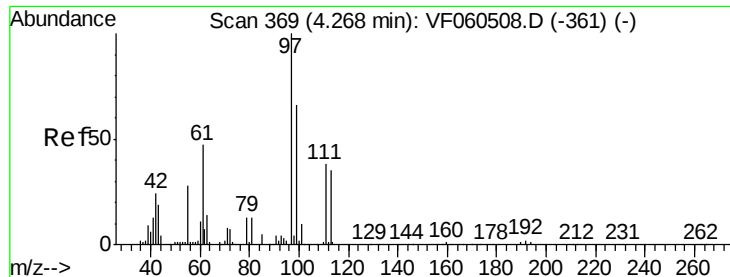


#28

Bromochloromethane
 Concen: 6.171 ug/l
 RT: 3.85 min Scan# 327
 Delta R.T. -0.03 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.0
130	71.1	65.0	97.4

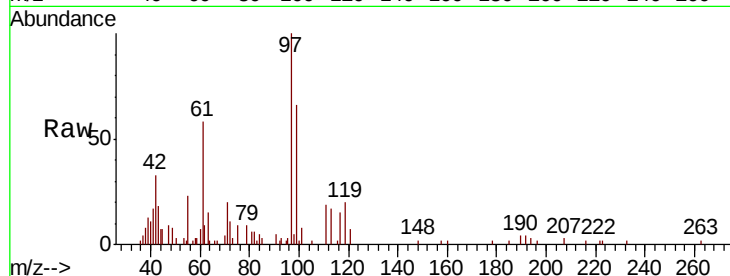




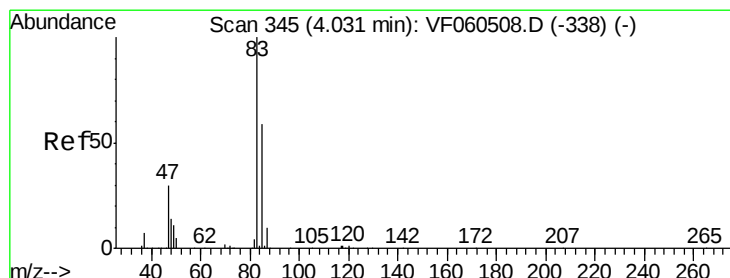
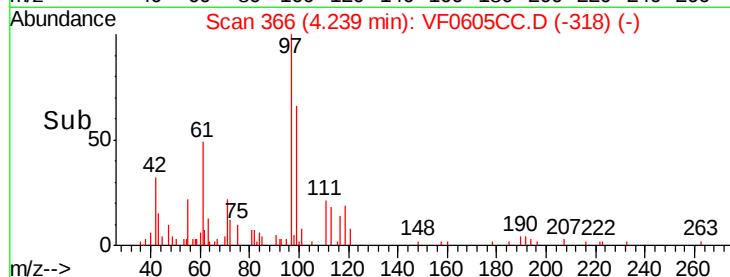
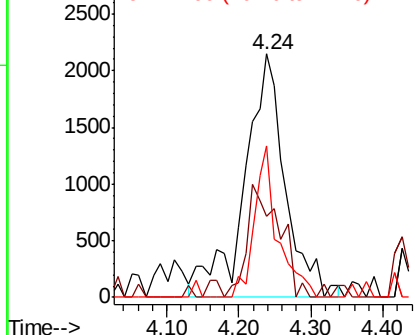
#29
Tetrahydrofuran
Concen: 31.748 ug/l
RT: 4.24 min Scan# 366
Delta R.T. -0.03 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 8446
Ion Ratio Lower Upper
42 100
72 36.9 32.1 48.1
71 35.6 29.7 44.5

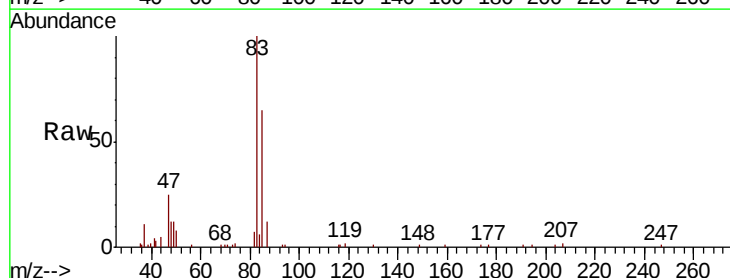


Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0

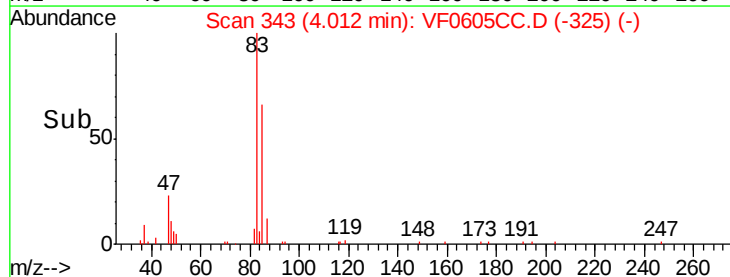
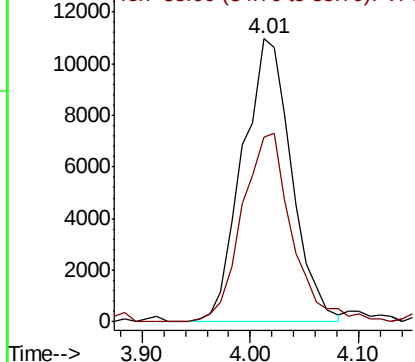


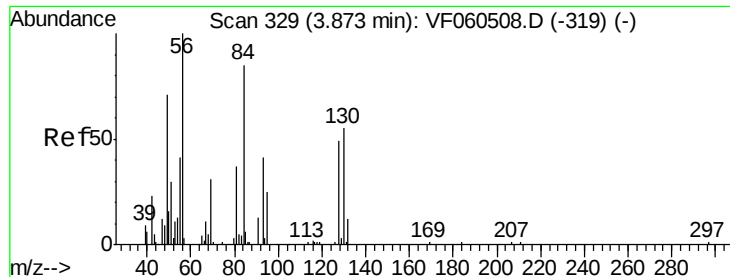
#30
Chloroform
Concen: 6.821 ug/l
RT: 4.01 min Scan# 343
Delta R.T. -0.02 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 83 Resp: 34581
Ion Ratio Lower Upper
83 100
85 65.1 47.4 71.2



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0

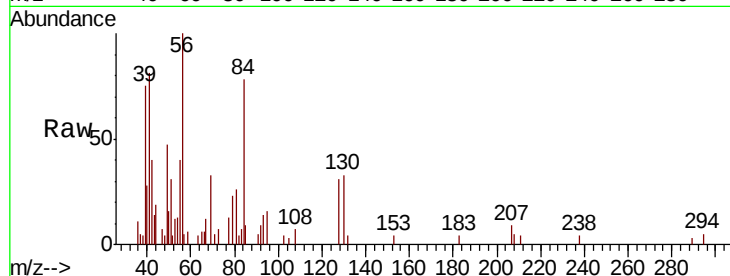




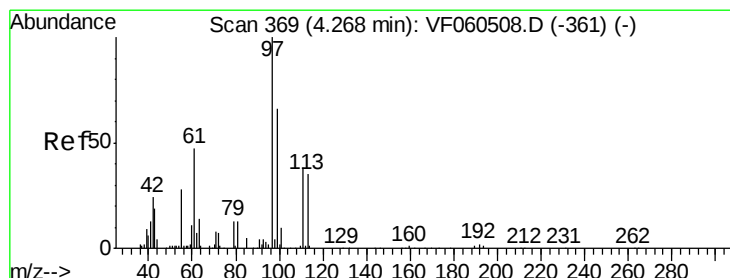
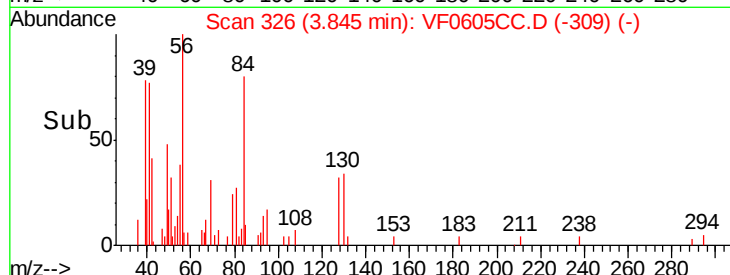
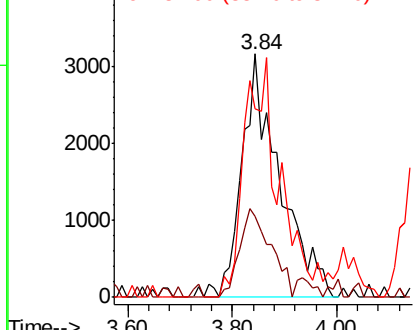
#31
Cyclohexane
Concen: 5.553 ug/l
RT: 3.84 min Scan# 326
Delta R.T. -0.03 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 15565
Ion Ratio Lower Upper
56 100
69 33.4 24.6 37.0
84 77.6 68.2 102.2

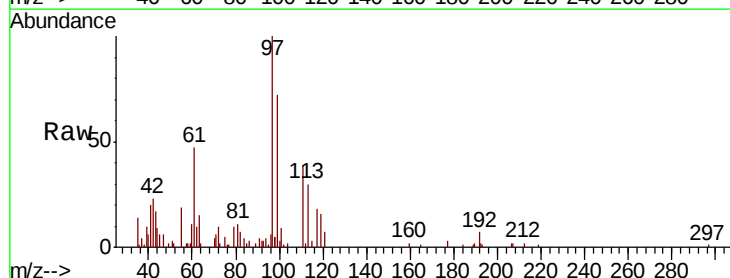


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

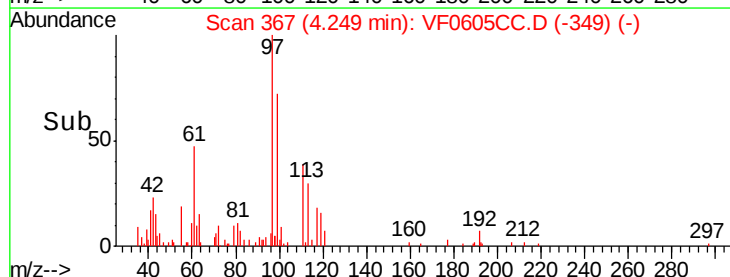
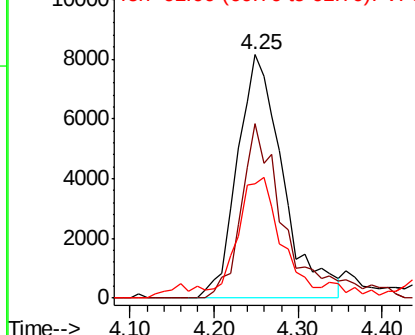


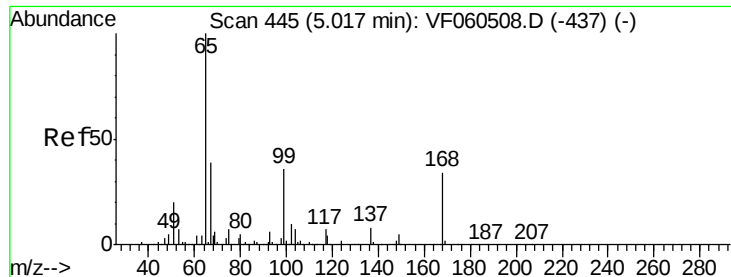
#32
1,1,1-Trichloroethane
Concen: 7.717 ug/l
RT: 4.25 min Scan# 367
Delta R.T. -0.02 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 97 Resp: 30822
Ion Ratio Lower Upper
97 100
99 68.3 53.0 79.6
61 45.0 37.9 56.9



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

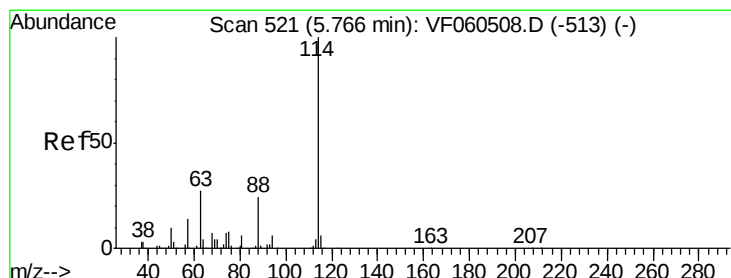
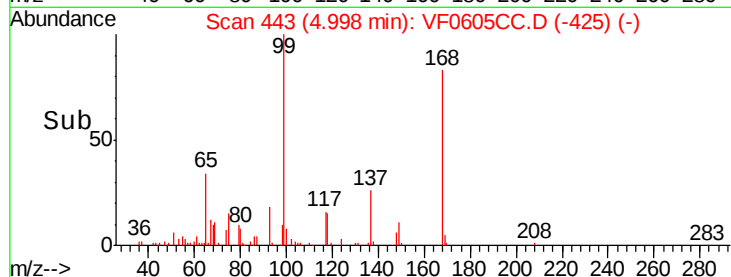
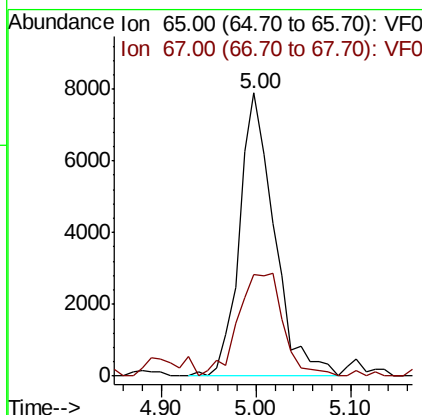
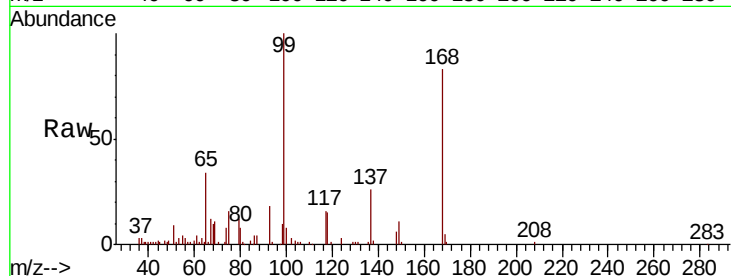




#33
 1,2-Dichloroethane-d4
 Concen: 7.616 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

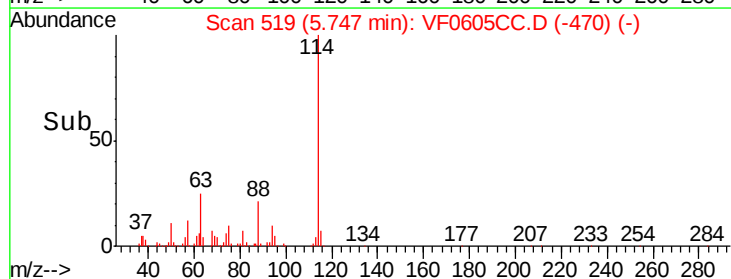
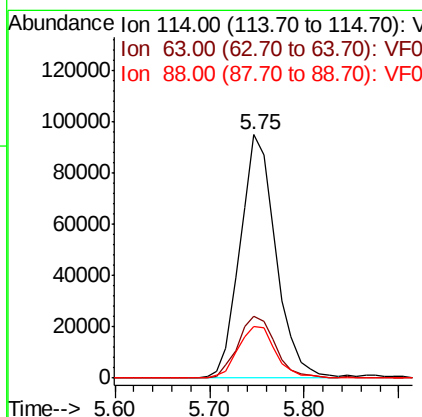
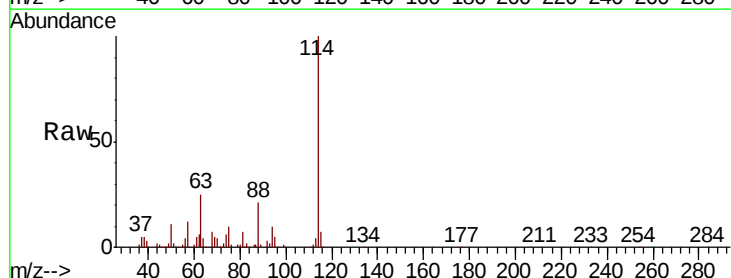
Instrument :
 MSVOA_F
 ClientSampled :

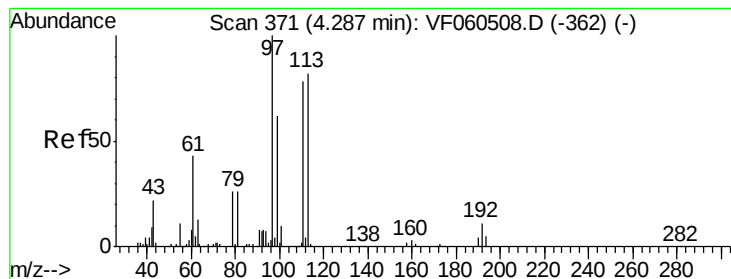
Tgt Ion: 65 Resp: 20151
 Ion Ratio Lower Upper
 65 100
 67 35.7 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion: 114 Resp: 248564
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 54.4
 88 21.1 0.0 47.2





#35

Dibromofluoromethane

Concen: 7.479 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

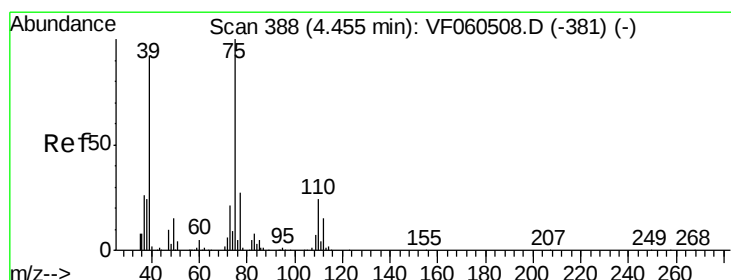
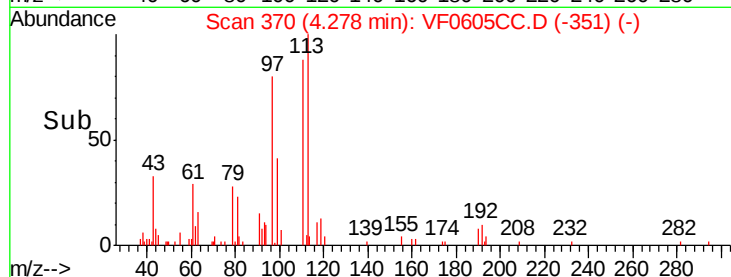
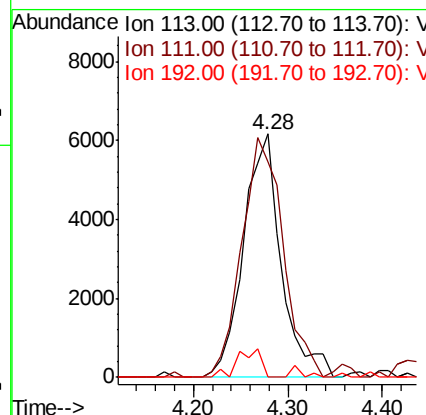
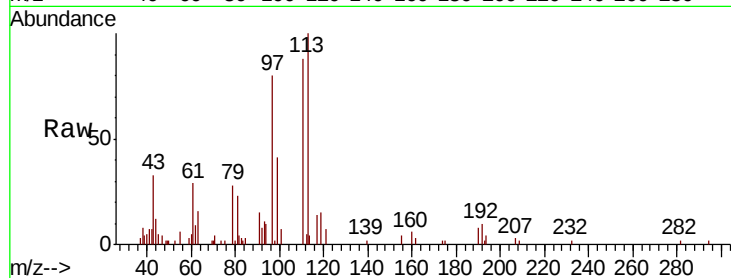
Instrument :

MSVOA_F

ClientSampleId :

Tgt Ion:113 Resp: 17113

Ion	Ratio	Lower	Upper
113	100		
111	88.3	75.9	113.9
192	0.0	10.6	15.8#



#36

1,1-Dichloropropene

Concen: 7.481 ug/l

RT: 4.43 min Scan# 385

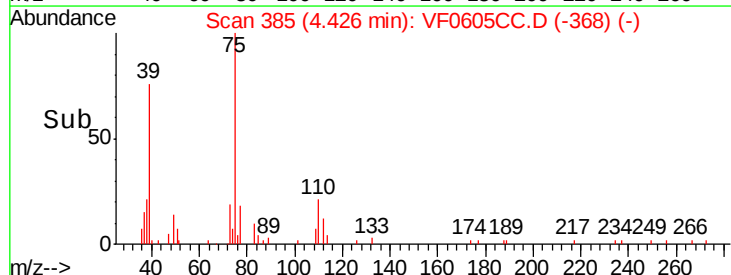
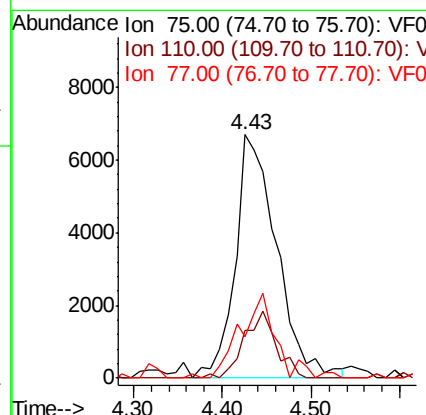
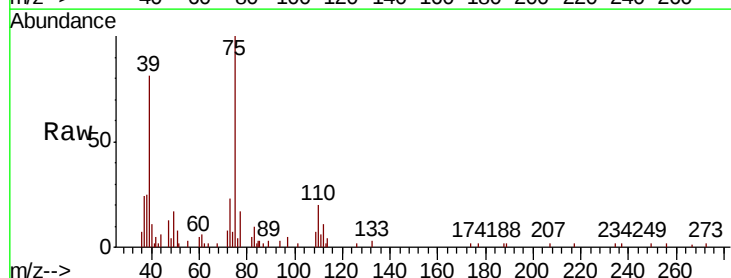
Delta R.T. -0.03 min

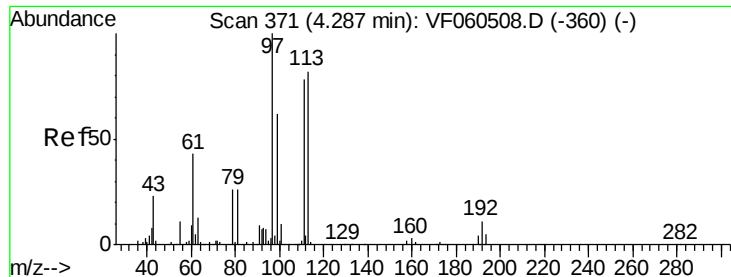
Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Tgt Ion: 75 Resp: 21629

Ion	Ratio	Lower	Upper
75	100		
110	19.8	12.1	36.3
77	16.9	21.8	32.6#

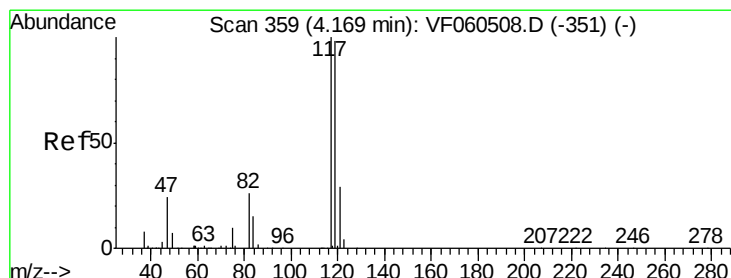
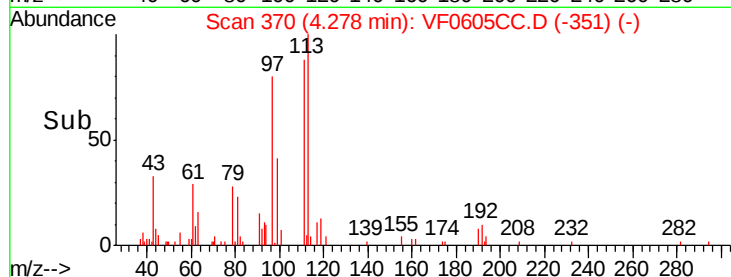
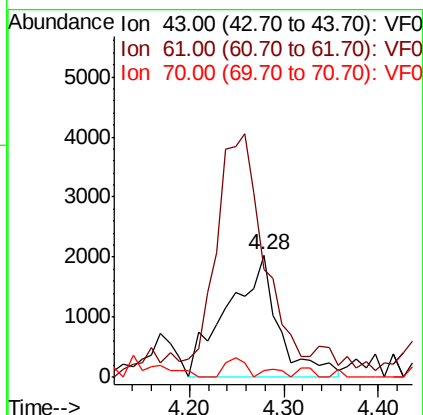
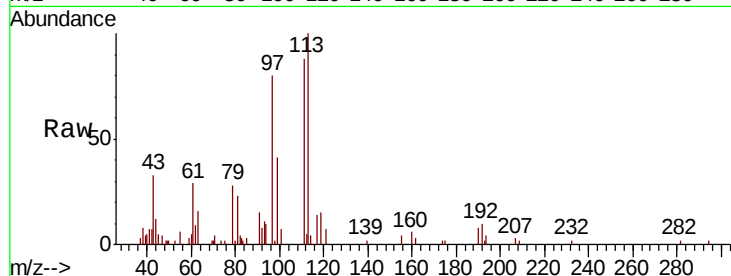




#37
Ethyl Acetate
Concen: 7.419 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

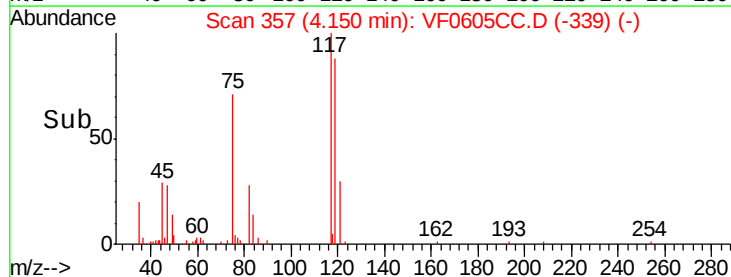
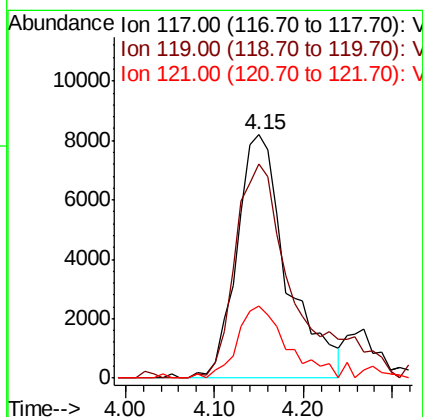
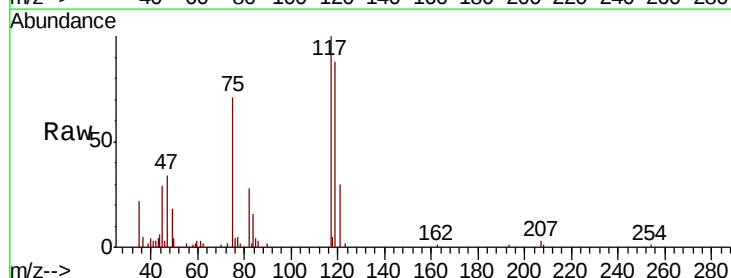
Instrument :
MSVOA_F
ClientSampleId :

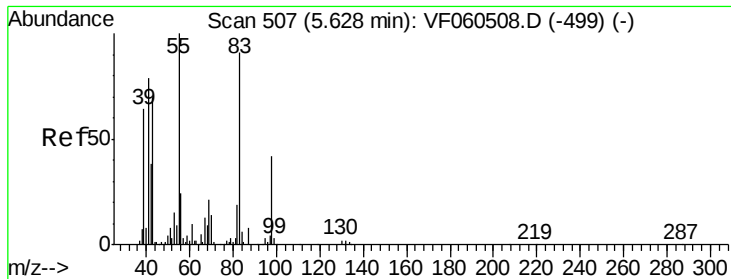
Tgt Ion: 43 Resp: 7577
Ion Ratio Lower Upper
43 100
61 88.3 148.5 222.7#
70 16.7 4.7 7.1#



#38
Carbon Tetrachloride
Concen: 11.023 ug/l
RT: 4.15 min Scan# 357
Delta R.T. -0.02 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 117 Resp: 32013
Ion Ratio Lower Upper
117 100
119 88.2 78.3 117.5
121 29.5 23.3 34.9

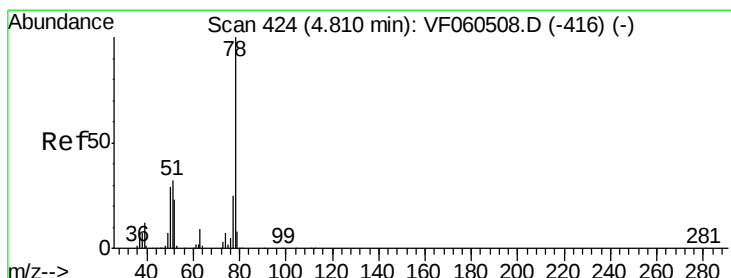
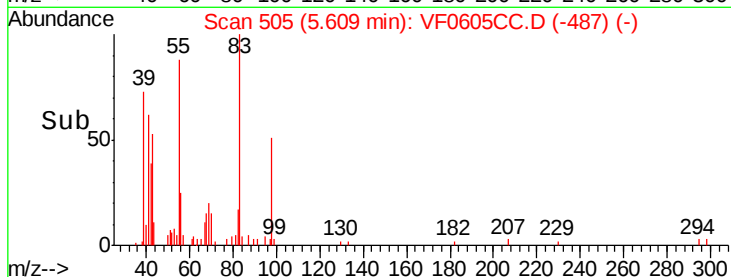
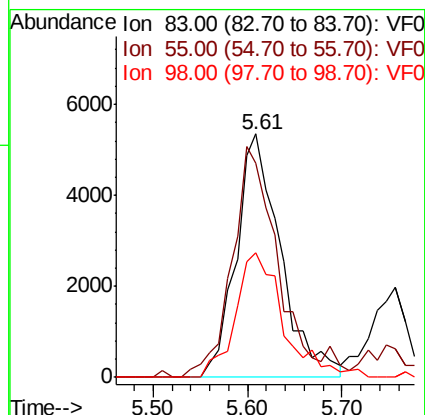
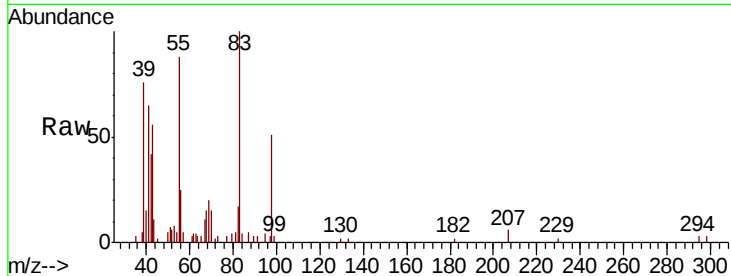




#39
Methylcyclohexane
Concen: 6.419 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.02 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

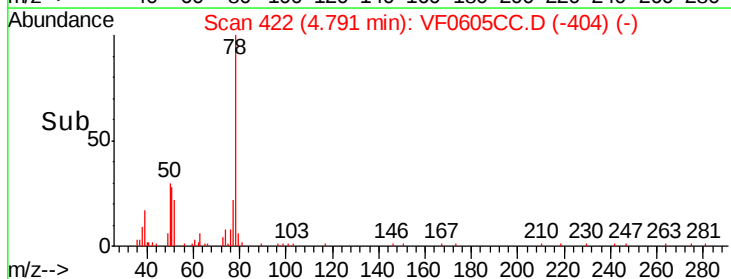
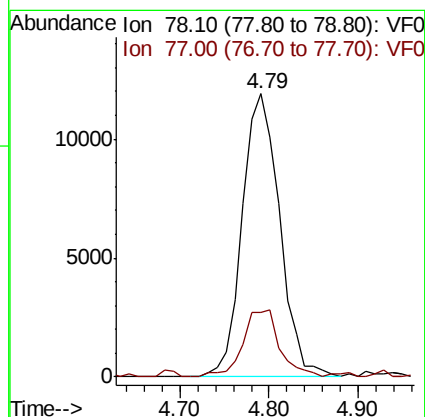
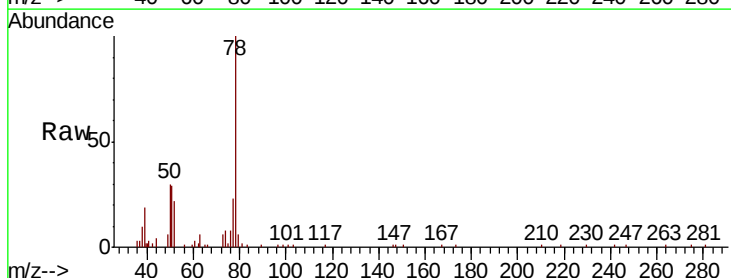
Instrument :
MSVOA_F
ClientSampleId :

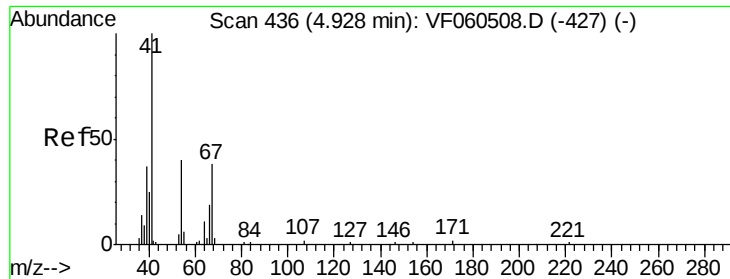
Tgt Ion: 83 Resp: 17473
Ion Ratio Lower Upper
83 100
55 88.0 87.9 131.9
98 51.2 37.0 55.6



#40
Benzene
Concen: 5.841 ug/l
RT: 4.79 min Scan# 422
Delta R.T. -0.02 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 78 Resp: 34673
Ion Ratio Lower Upper
78 100
77 22.8 20.2 30.4

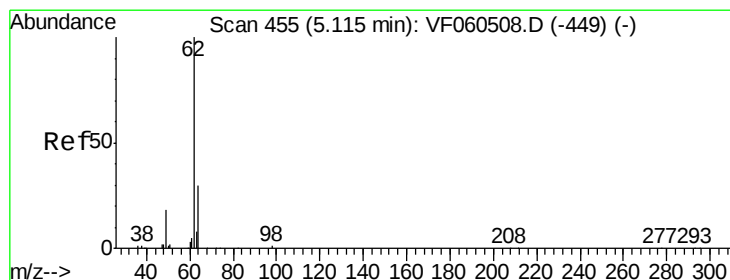
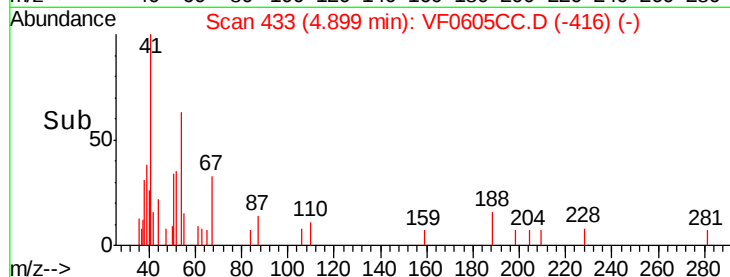
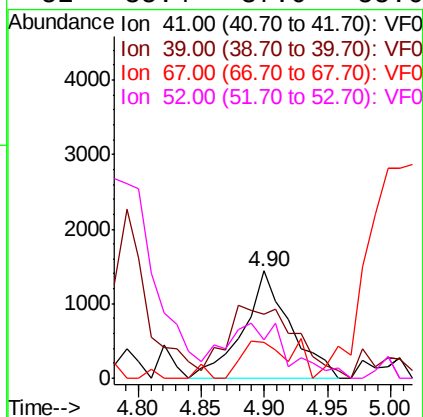
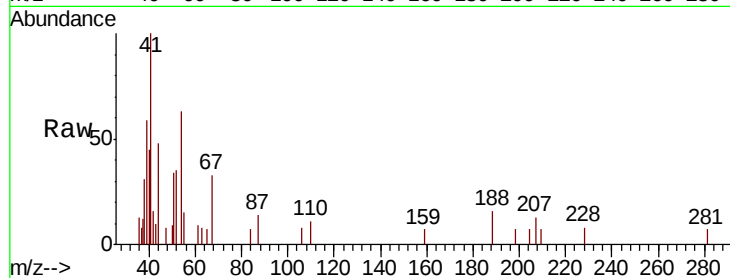




#41
Methacrylonitrile
Concen: 6.376 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.03 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

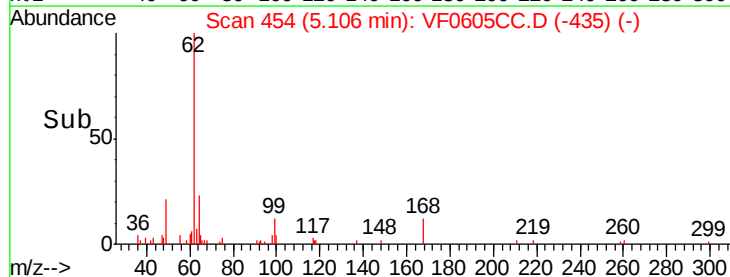
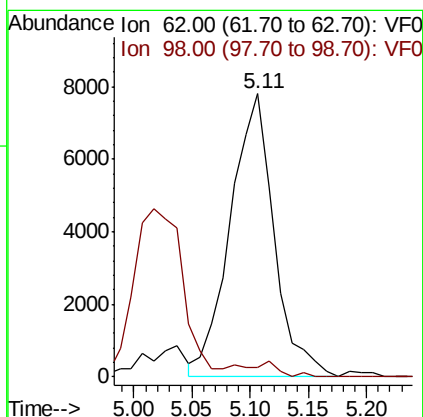
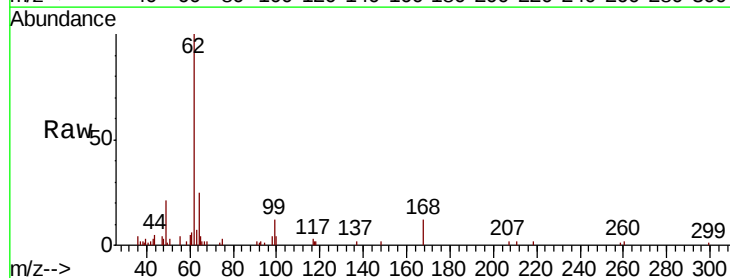
Instrument :
MSVOA_F
ClientSampleId :

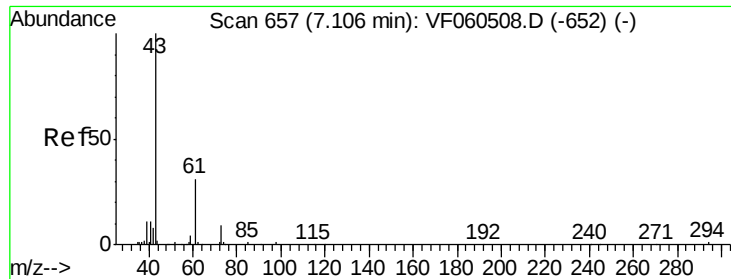
Tgt Ion:	41	Resp:	3700
Ion	Ratio	Lower	Upper
41	100		
39	59.4	55.2	82.8
67	33.2	29.8	44.8
52	35.4	37.0	55.6#



#42
1,2-Dichloroethane
Concen: 7.551 ug/l
RT: 5.11 min Scan# 454
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion:	62	Resp:	20335
Ion	Ratio	Lower	Upper
62	100		
98	3.5	0.0	9.4

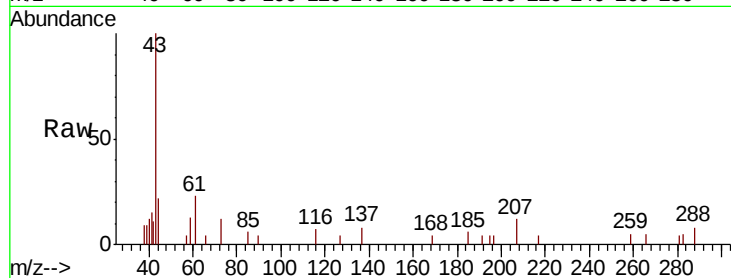




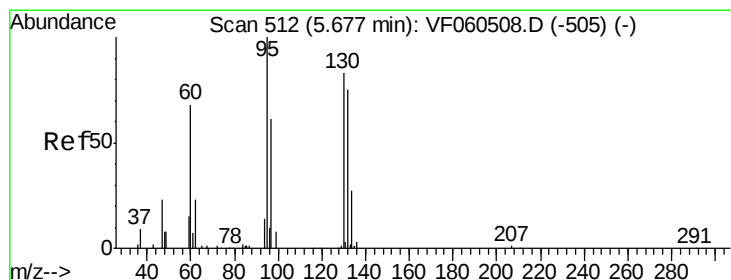
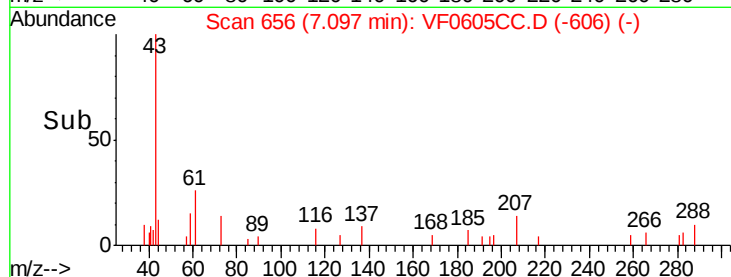
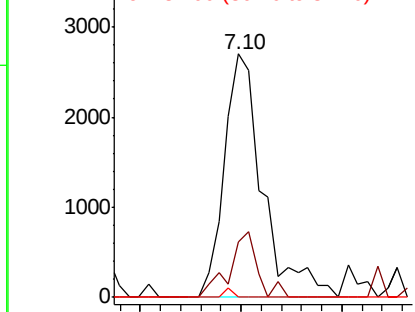
#43
Isopropyl Acetate
Concen: 5.614 ug/l
RT: 7.10 min Scan# 656
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 7146
Ion Ratio Lower Upper
43 100
61 22.7 24.4 36.6#
87 0.0 0.0 0.0

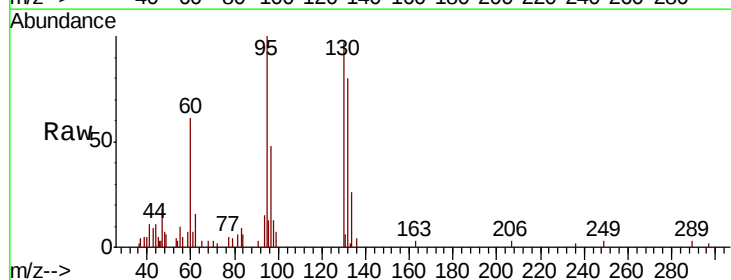


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 87.00 (86.70 to 87.70): VF0

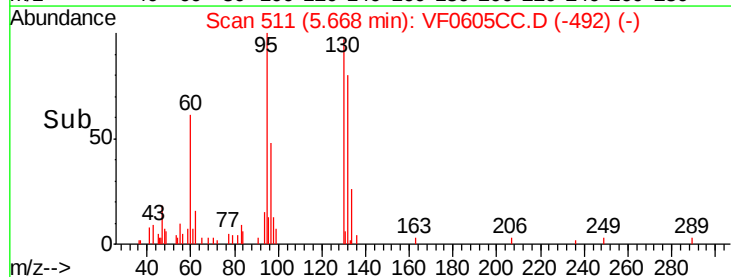
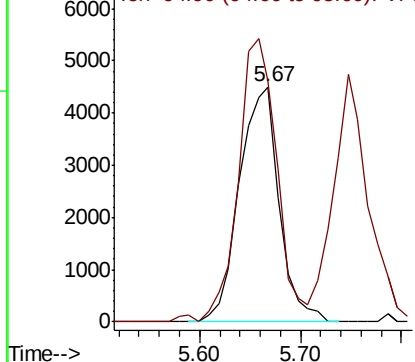


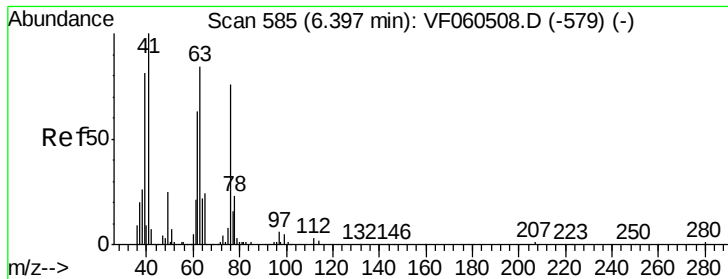
#44
Trichloroethene
Concen: 6.677 ug/l
RT: 5.67 min Scan# 511
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 130 Resp: 12348
Ion Ratio Lower Upper
130 100
95 102.8 0.0 242.8



Abundance Ion 129.90 (129.60 to 130.60): V
Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 5.434 ug/l

RT: 6.38 min Scan# 583

Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

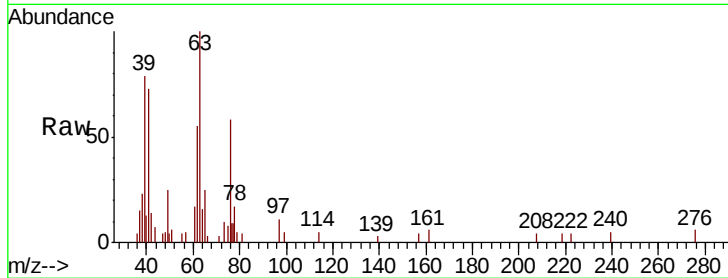
ClientSampleId :

Tgt Ion: 63 Resp: 7896

Ion Ratio Lower Upper

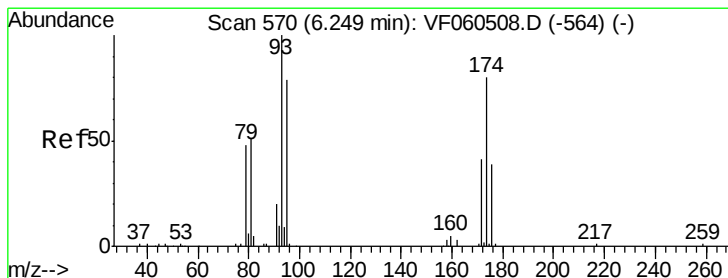
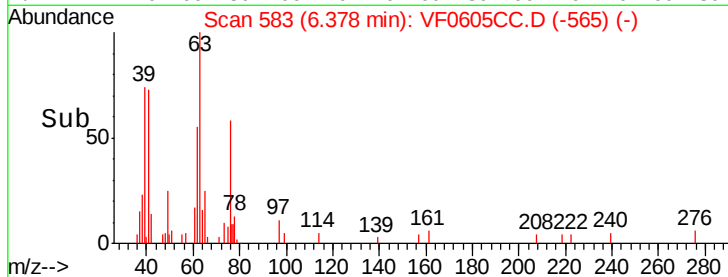
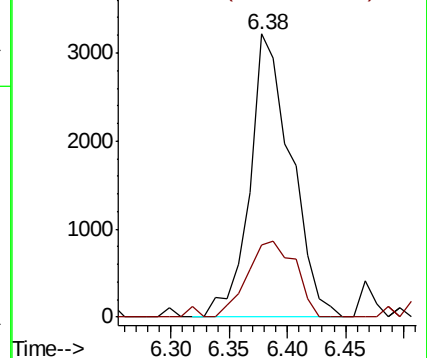
63 100

65 25.4 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: 6.395 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

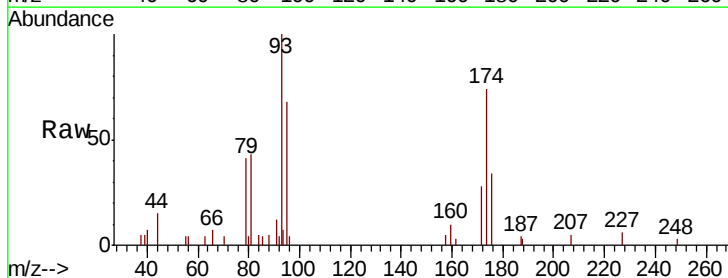
Tgt Ion: 93 Resp: 7454

Ion Ratio Lower Upper

93 100

95 63.4 63.8 95.8#

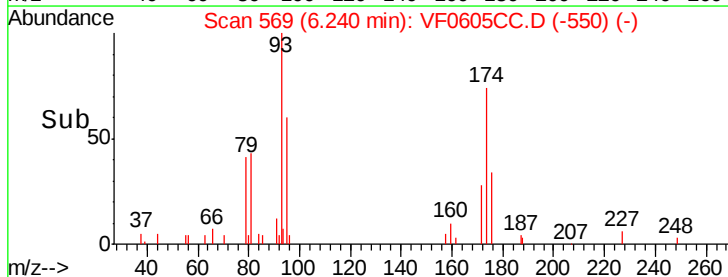
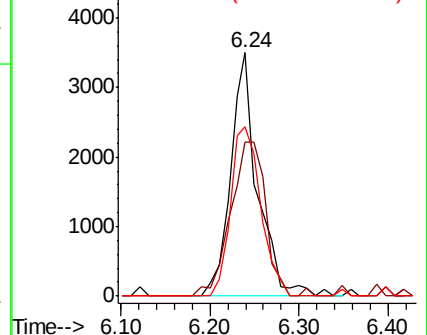
174 69.8 64.9 97.3

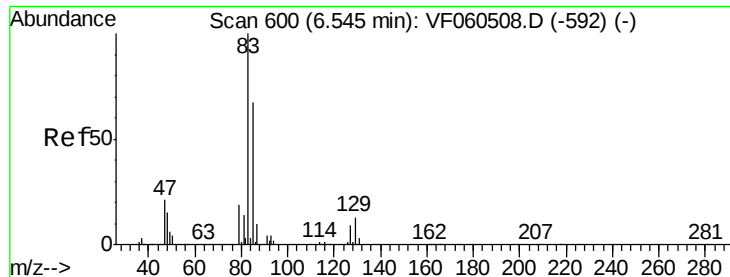


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 7.126 ug/l

RT: 6.54 min Scan# 599

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

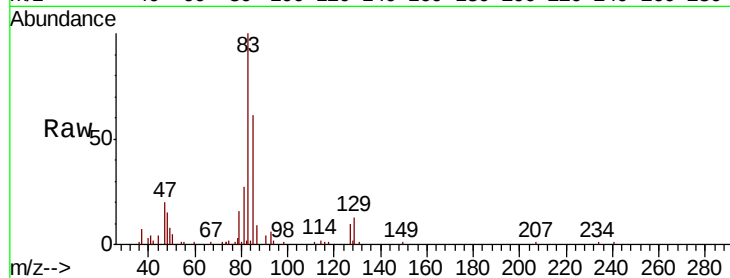
Tgt Ion: 83 Resp: 20979

Ion Ratio Lower Upper

83 100

85 60.7 53.4 80.0

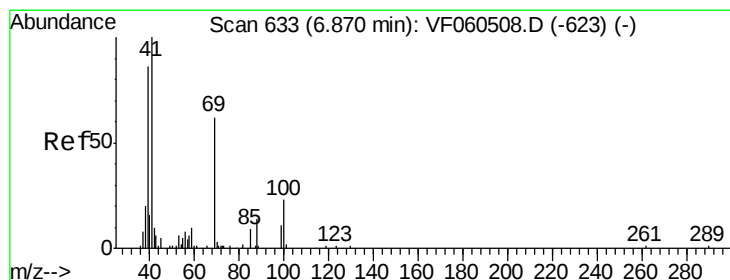
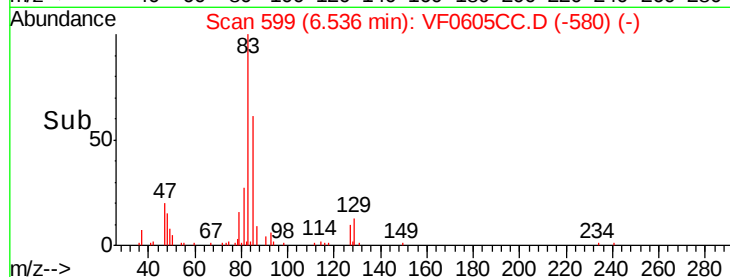
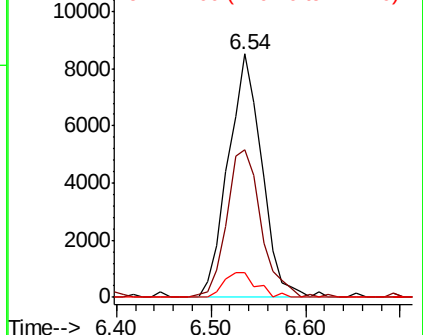
127 10.1 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 5.519 ug/l

RT: 6.87 min Scan# 633

Delta R.T. 0.00 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

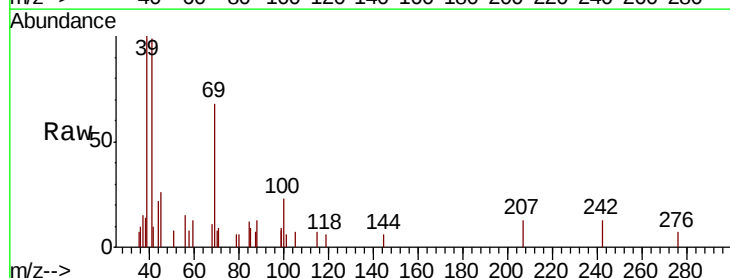
Tgt Ion: 41 Resp: 4759

Ion Ratio Lower Upper

41 100

69 69.1 49.6 74.4

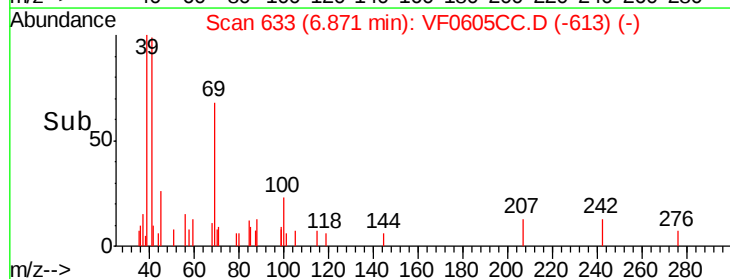
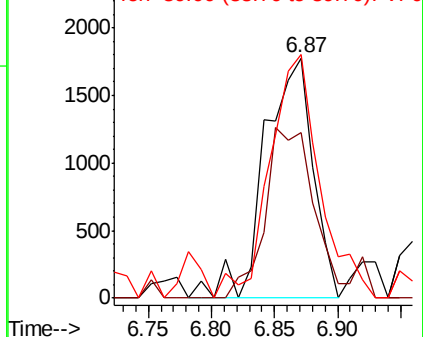
39 101.5 69.4 104.2

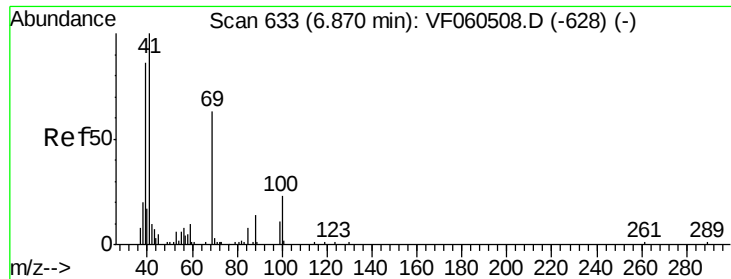


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

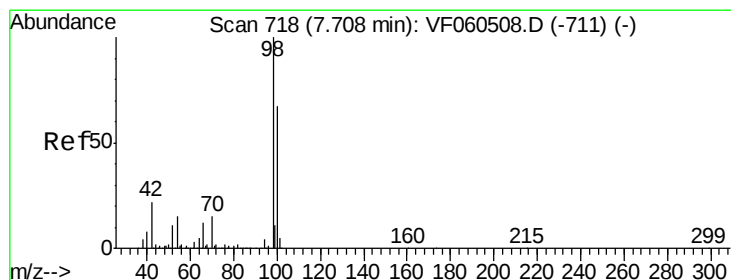
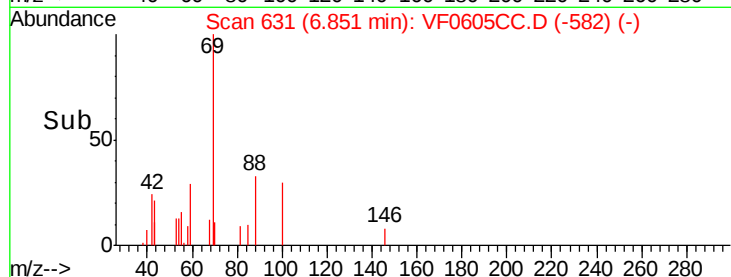
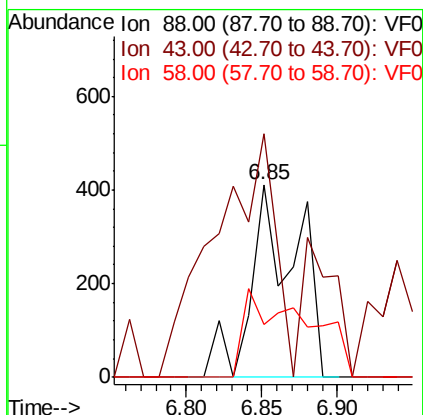
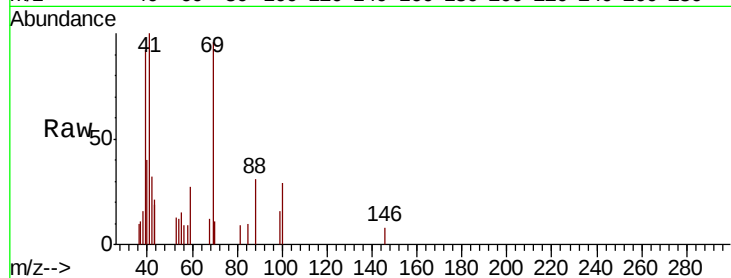




#49
 1,4-Dioxane
 Concen: 117.369 ug/l
 RT: 6.85 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

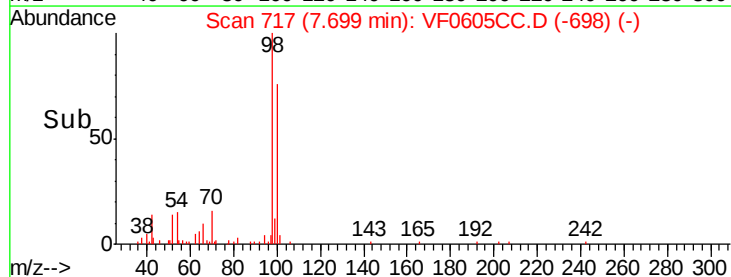
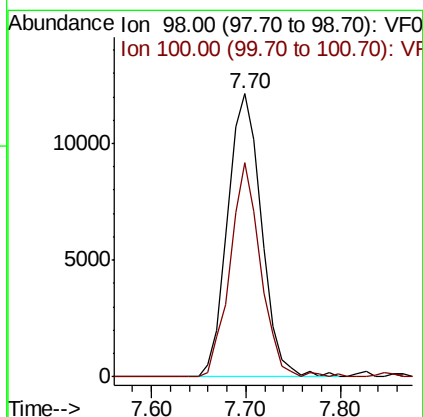
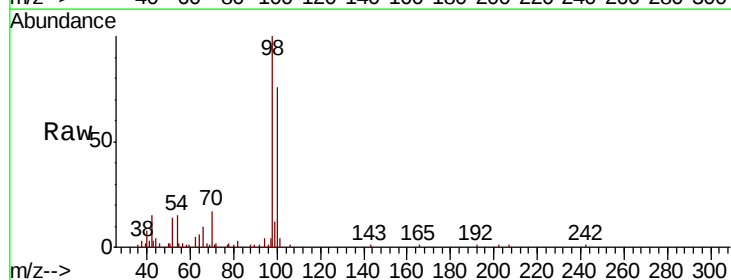
Instrument :
 MSVOA_F
 ClientSampleId :

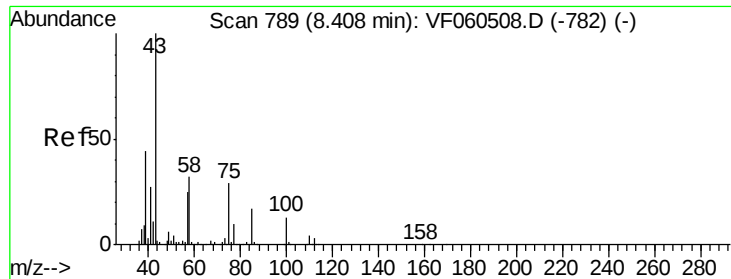
Tgt Ion: 88 Resp: 870
 Ion Ratio Lower Upper
 88 100
 43 126.2 39.3 58.9#
 58 27.4 35.0 52.6#



#50
 Toluene-d8
 Concen: 5.458 ug/l
 RT: 7.70 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion: 98 Resp: 30016
 Ion Ratio Lower Upper
 98 100
 100 75.5 53.4 80.0

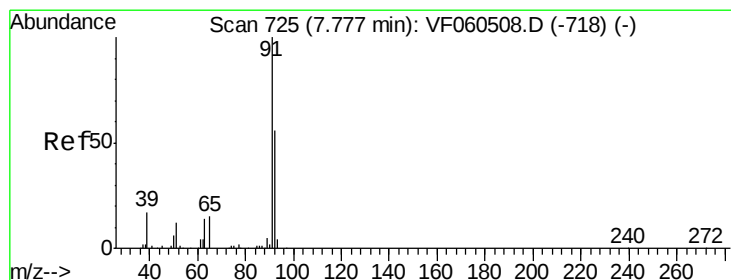
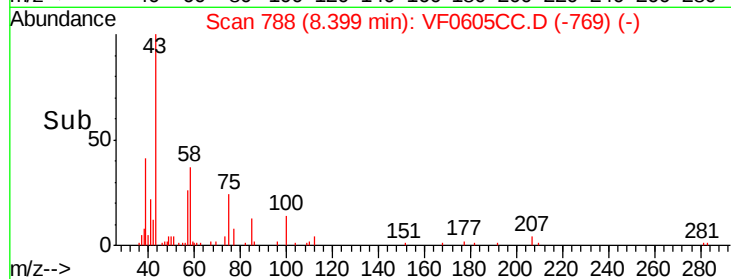
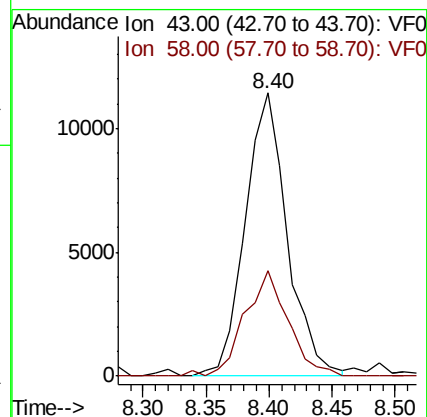
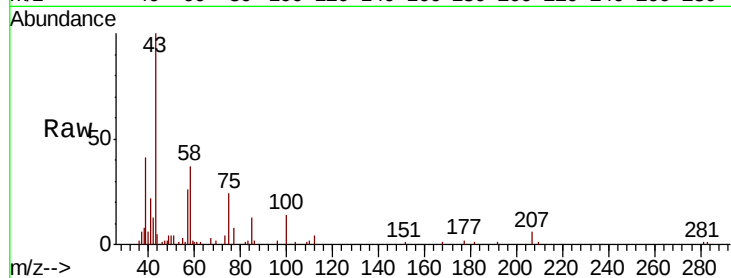




#51
 4-Methyl-2-Pentanone
 Concen: 29.853 ug/l
 RT: 8.40 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

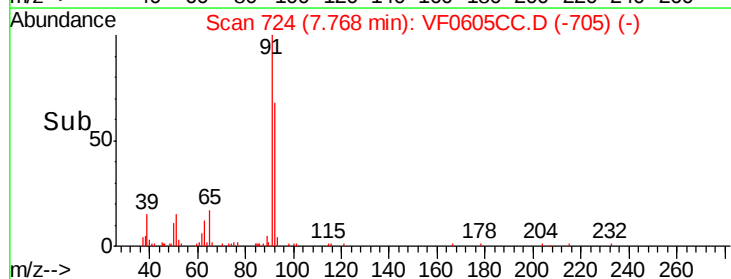
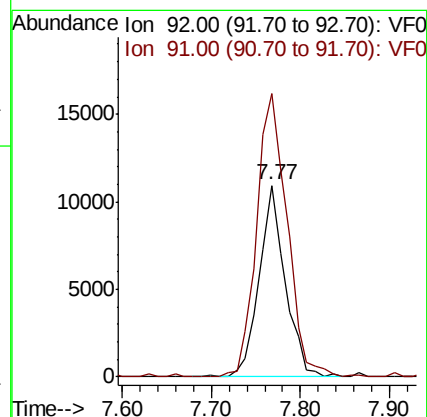
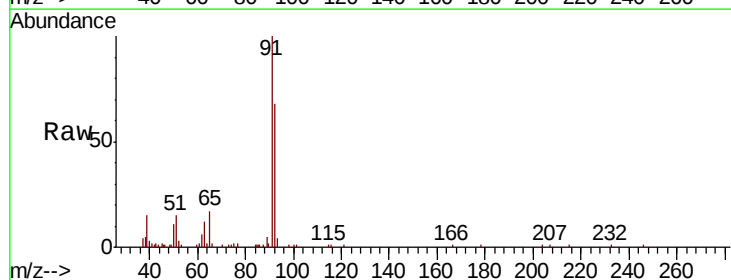
Instrument :
 MSVOA_F
 ClientSampleId :

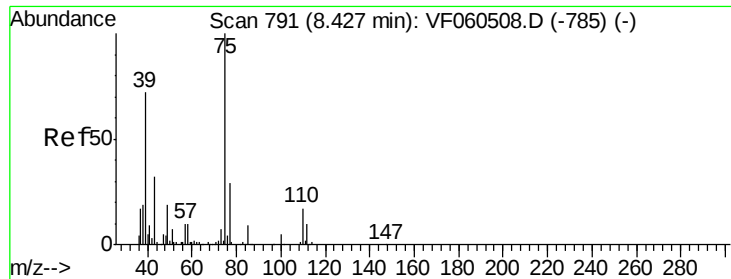
Tgt Ion: 43 Resp: 26507
 Ion Ratio Lower Upper
 43 100
 58 37.3 25.4 38.2



#52
 Toluene
 Concen: 5.890 ug/l
 RT: 7.77 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion: 92 Resp: 22022
 Ion Ratio Lower Upper
 92 100
 91 147.6 143.8 215.8





#53

t-1,3-Dichloropropene

Concen: 7.157 ug/l

RT: 8.42 min Scan# 790

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

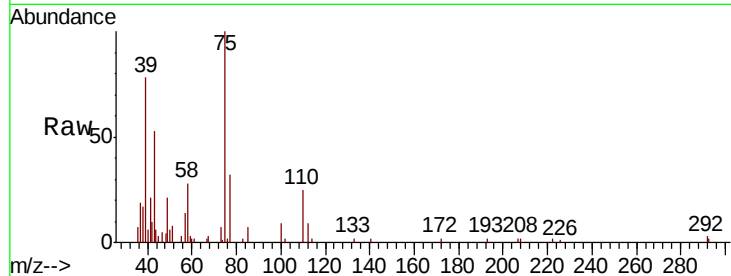
Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 16364

Ion Ratio Lower Upper

75 100

77 32.3 23.7 35.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8000

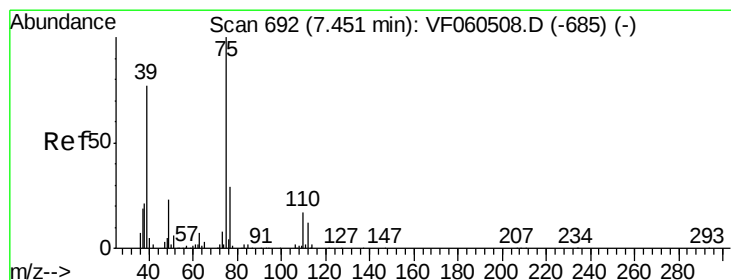
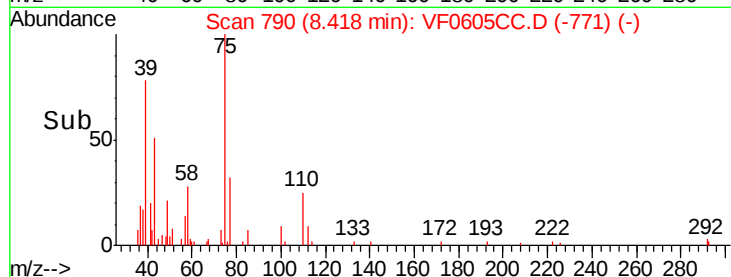
6000

4000

2000

0

Time--> 8.30 8.40 8.50



#54

cis-1,3-Dichloropropene

Concen: 5.720 ug/l

RT: 7.44 min Scan# 691

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

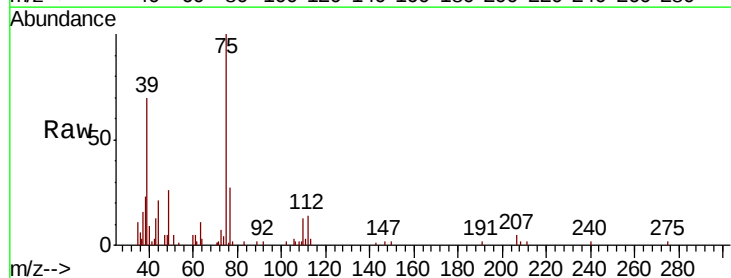
Tgt Ion: 75 Resp: 15233

Ion Ratio Lower Upper

75 100

77 26.9 23.6 35.4

39 70.2 61.6 92.4



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

10000

8000

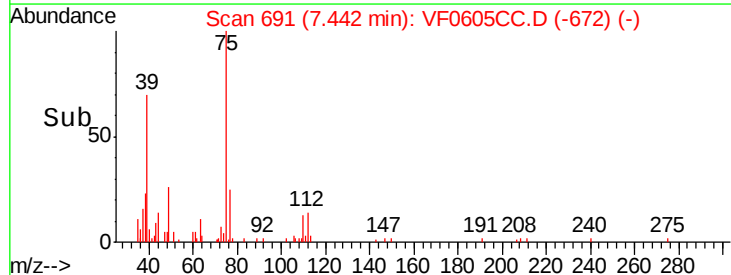
6000

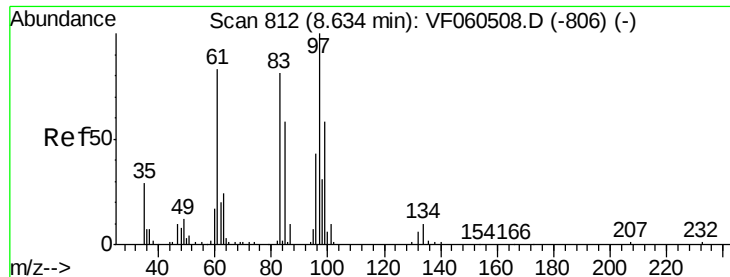
4000

2000

0

Time--> 7.35 7.40 7.45 7.50 7.55





#55

1,1,2-Trichloroethane

Concen: 5.650 ug/l

RT: 8.64 min Scan# 812

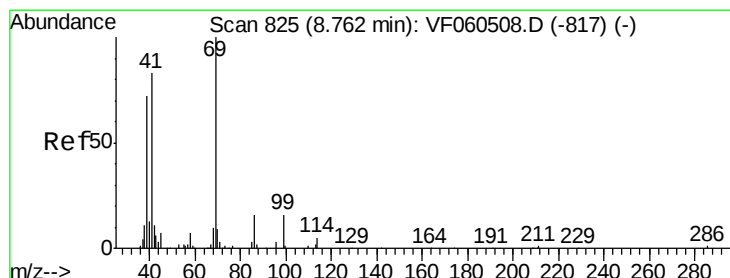
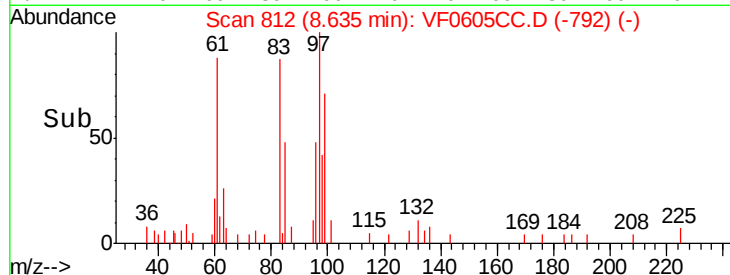
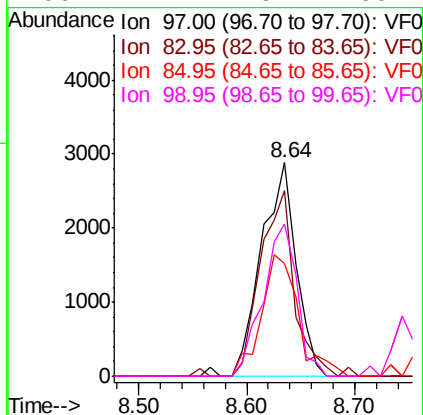
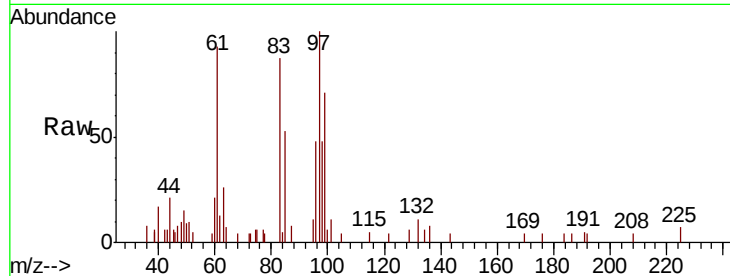
Delta R.T. 0.00 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:	97	Resp:	6492
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.0	97.4
85	52.8	47.0	70.6
99	71.4	46.2	69.4#



#56

Ethyl methacrylate

Concen: 4.815 ug/l

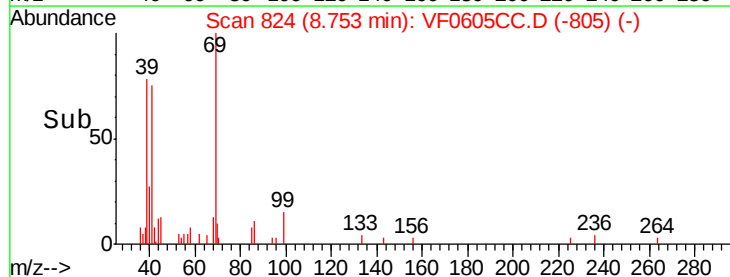
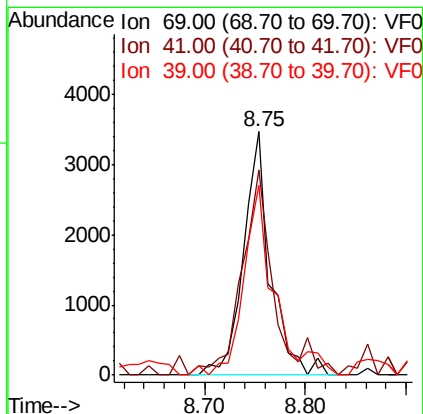
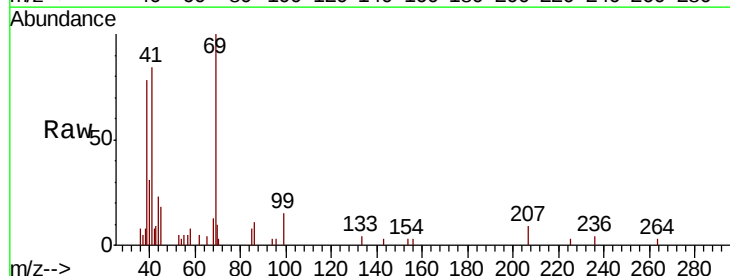
RT: 8.75 min Scan# 824

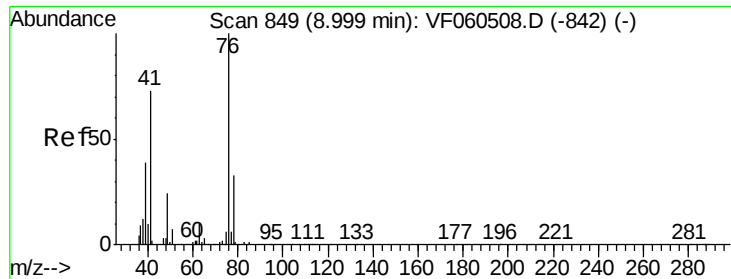
Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Tgt Ion:	69	Resp:	6401
Ion	Ratio	Lower	Upper
69	100		
41	84.2	67.2	100.8
39	78.1	58.4	87.6





#57

1,3-Dichloropropane

Concen: 5.467 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

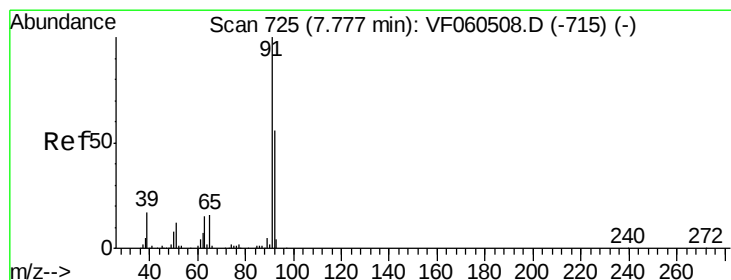
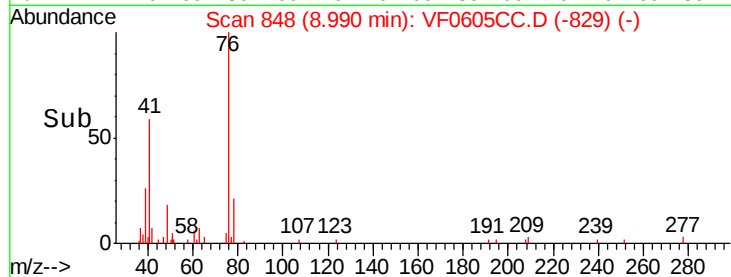
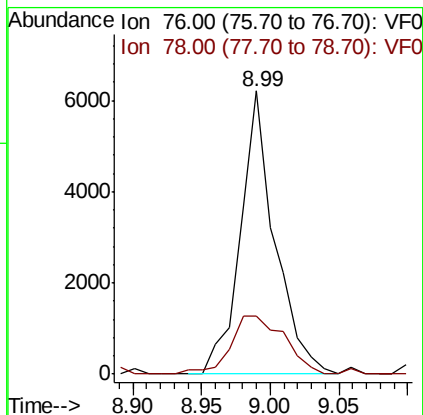
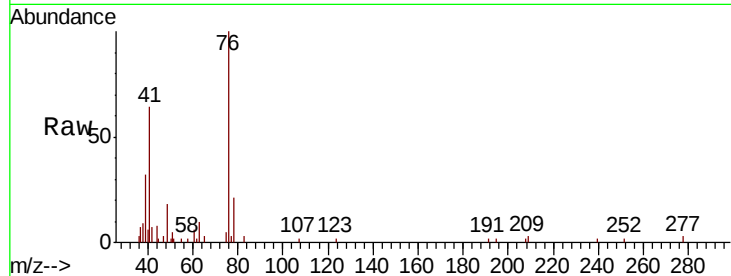
ClientSampleId :

Tgt Ion: 76 Resp: 10817

Ion Ratio Lower Upper

76 100

78 20.5 26.6 40.0#



#58

2-Chloroethyl Vinyl ether

Concen: 38.122 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF0605CC.D

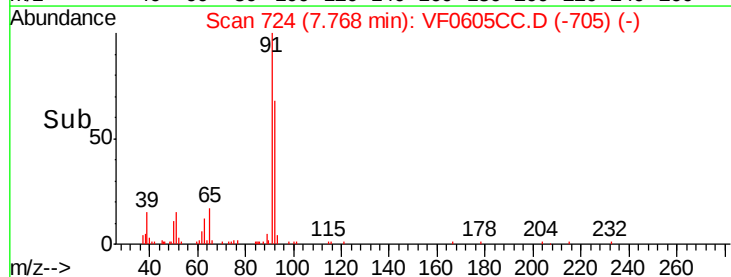
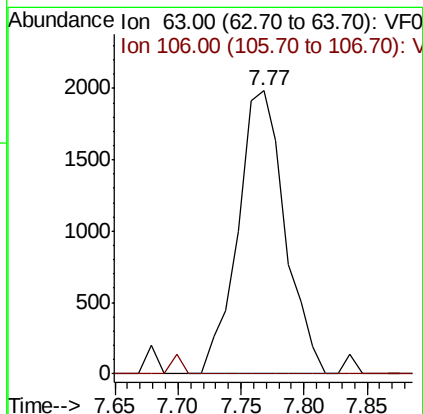
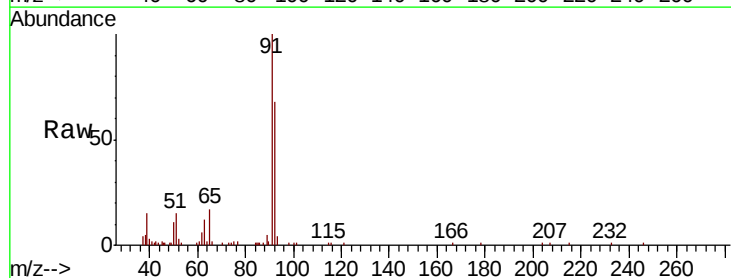
Acq: 25 Oct 2018 13:39

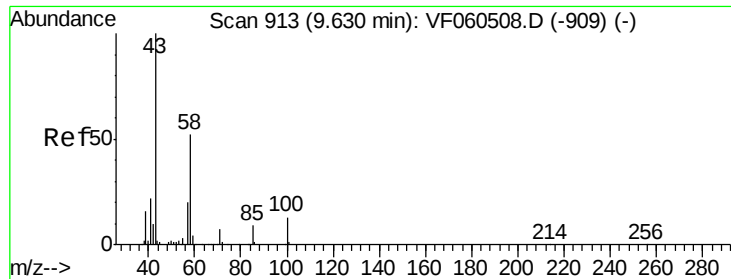
Tgt Ion: 63 Resp: 5150

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

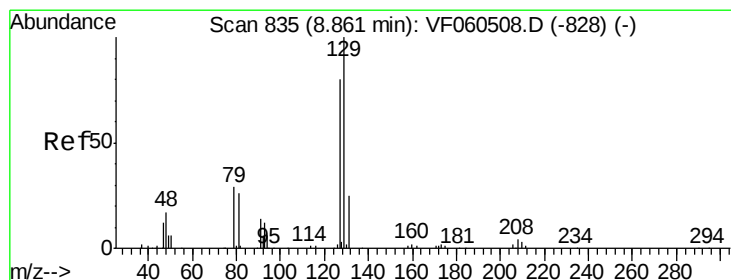
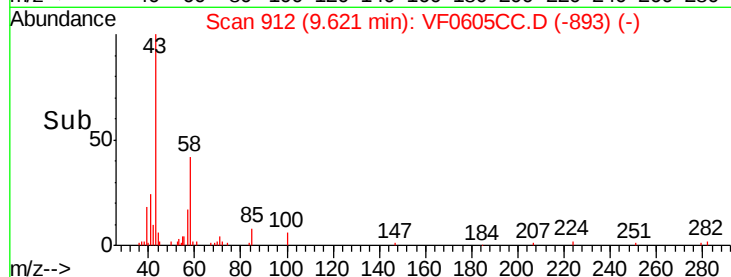
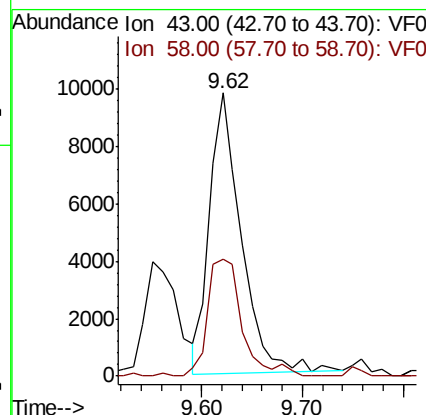
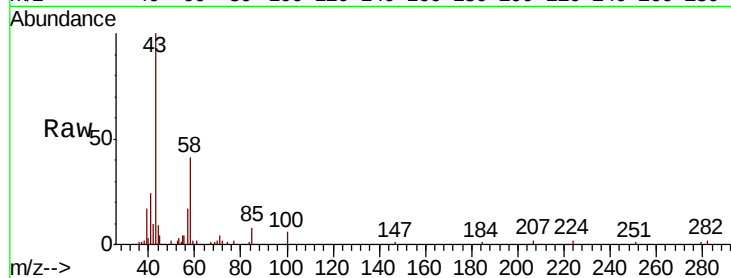




#59
2-Hexanone
Concen: 32.971 ug/l
RT: 9.62 min Scan# 912
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

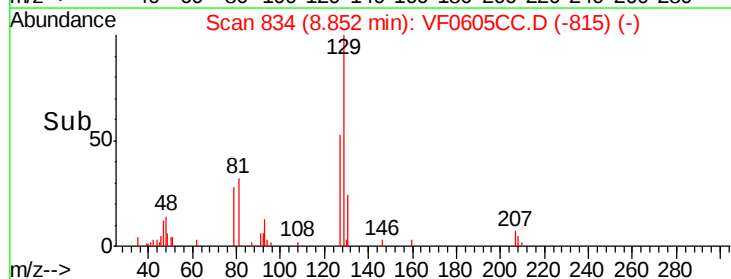
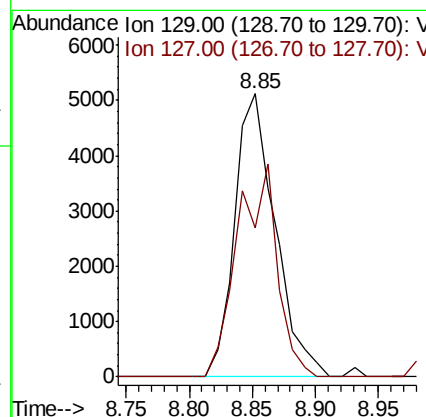
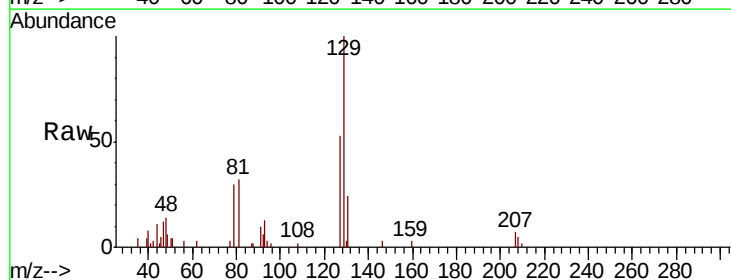
Instrument :
MSVOA_F
ClientSampled :

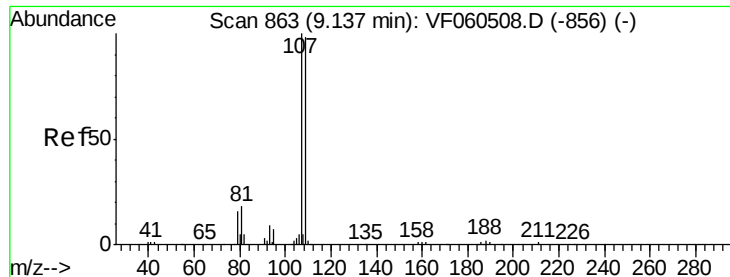
Tgt Ion: 43 Resp: 21176
Ion Ratio Lower Upper
43 100
58 41.5 23.5 70.5



#60
Dibromochloromethane
Concen: 6.298 ug/l
RT: 8.85 min Scan# 834
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 129 Resp: 11359
Ion Ratio Lower Upper
129 100
127 52.6 40.2 120.5





#61

1,2-Dibromoethane

Concen: 5.758 ug/l

RT: 9.12 min Scan# 861

Delta R.T. -0.02 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

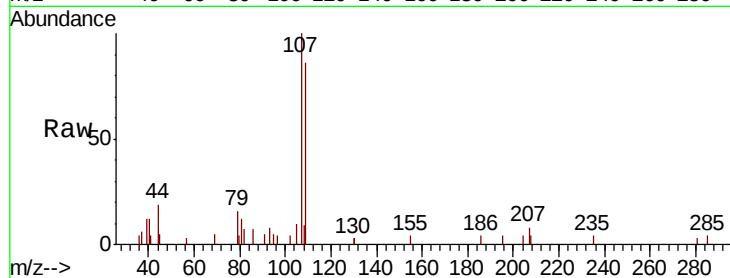
ClientSampleId :

Tgt Ion: 107 Resp: 7475

Ion Ratio Lower Upper

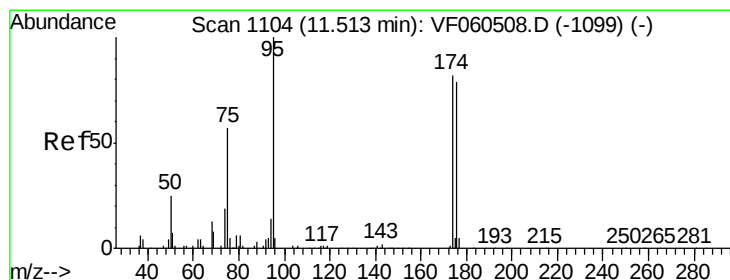
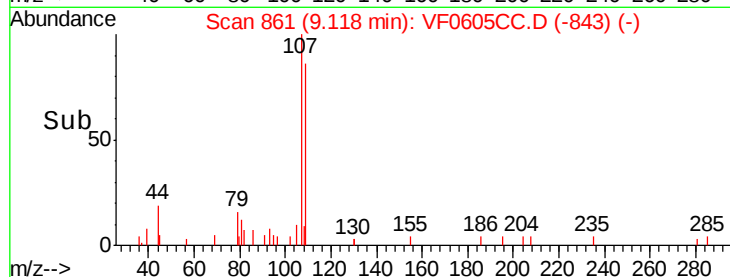
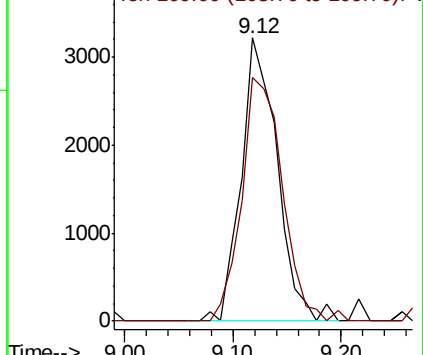
107 100

109 85.9 78.6 118.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 8.136 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

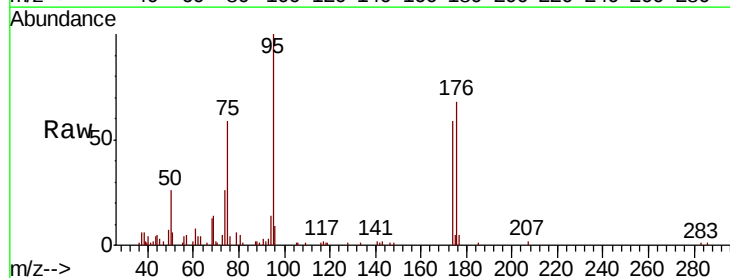
Tgt Ion: 95 Resp: 19632

Ion Ratio Lower Upper

95 100

174 59.5 0.0 164.2

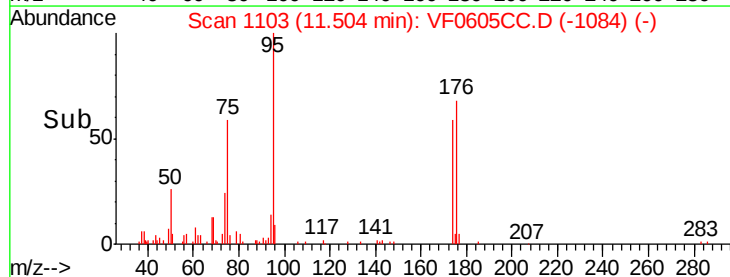
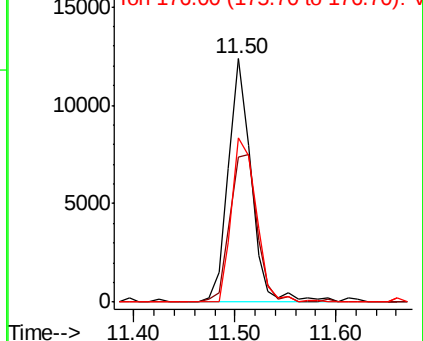
176 67.7 0.0 158.4

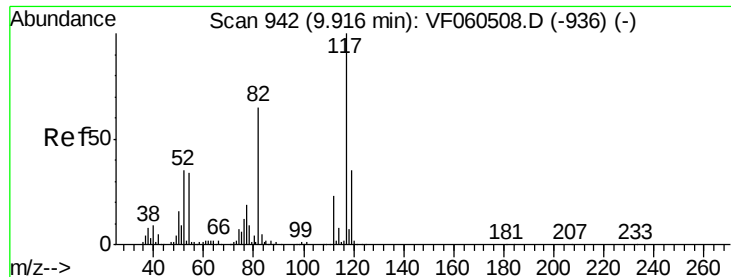


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

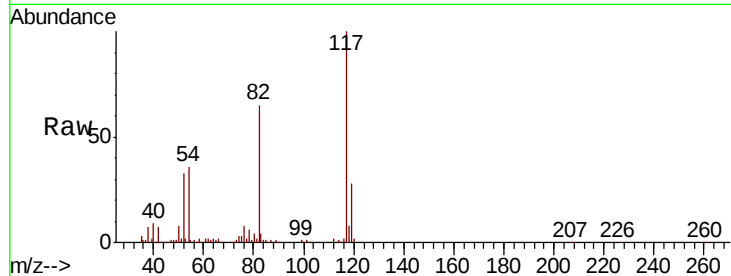




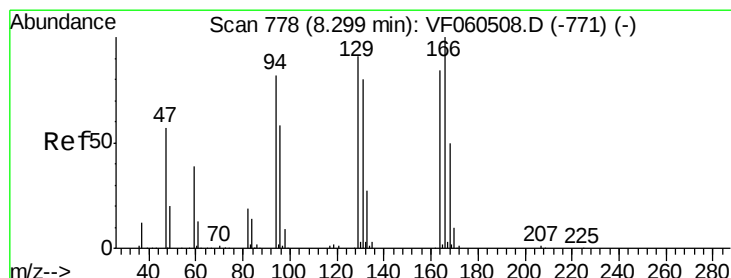
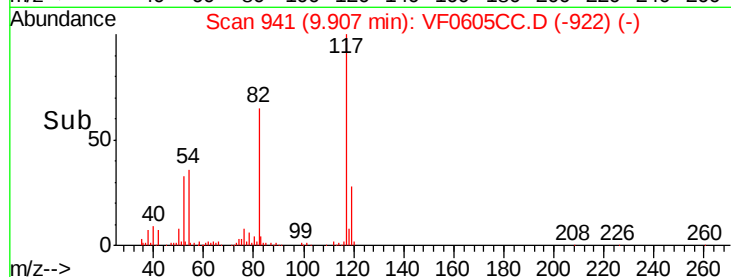
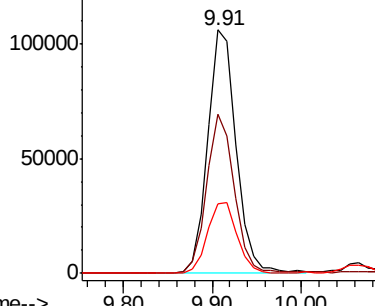
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampled :

Tgt Ion:117 Resp: 234461
Ion Ratio Lower Upper
117 100
82 65.3 51.7 77.5
119 28.3 28.3 42.5#

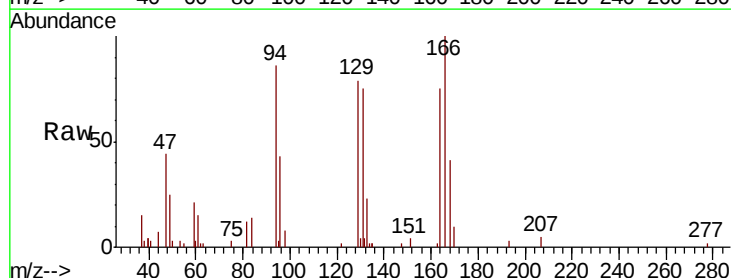


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

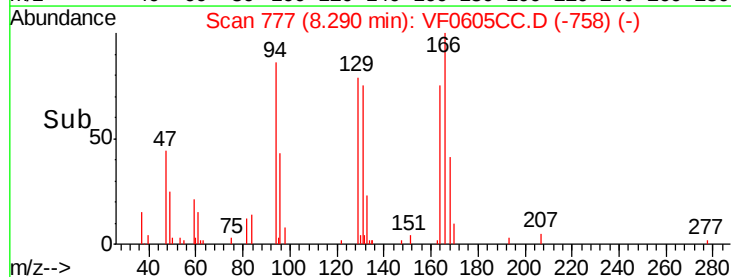
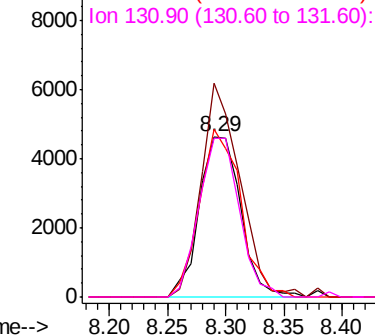


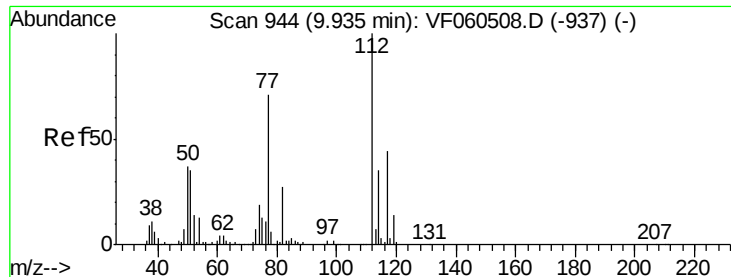
#64
Tetrachloroethene
Concen: 6.169 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion:164 Resp: 11463
Ion Ratio Lower Upper
164 100
166 133.5 95.1 142.7
129 104.9 86.3 129.5
131 99.5 76.5 114.7



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: 5.878 ug/l

RT: 9.94 min Scan# 944

Delta R.T. 0.00 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

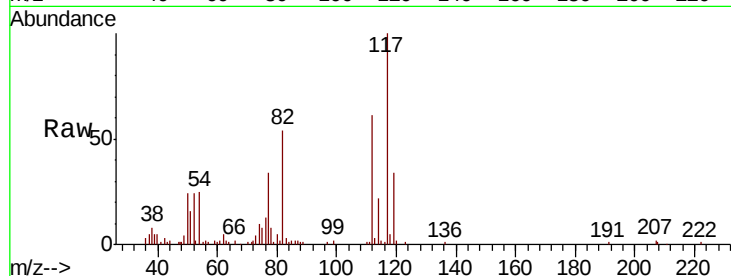
ClientSampled :

Tgt Ion:112 Resp: 26763

Ion Ratio Lower Upper

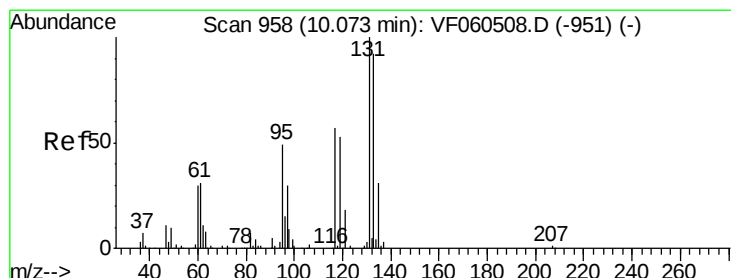
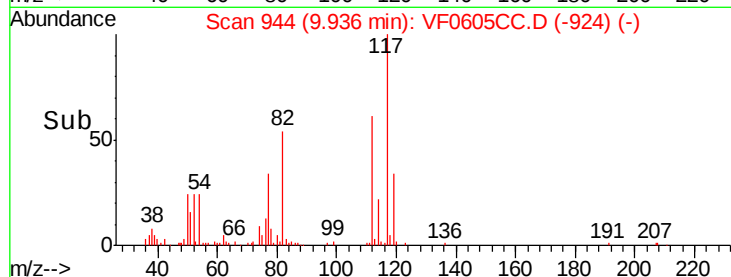
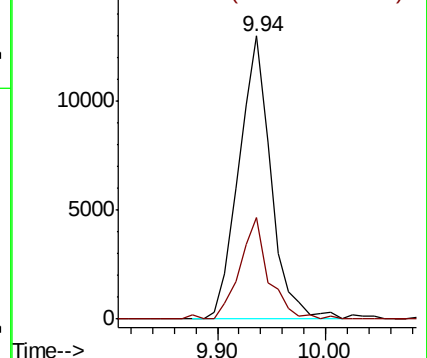
112 100

114 35.8 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: 6.067 ug/l

RT: 10.06 min Scan# 957

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

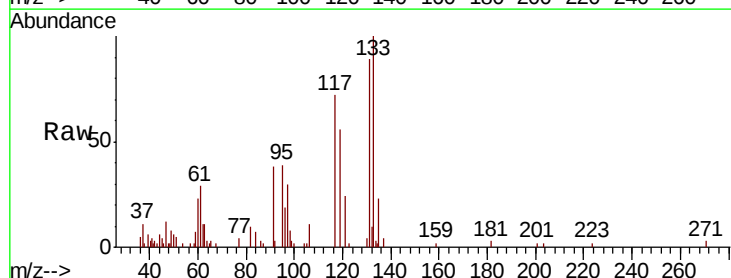
Tgt Ion:131 Resp: 12443

Ion Ratio Lower Upper

131 100

133 116.3 46.1 138.2

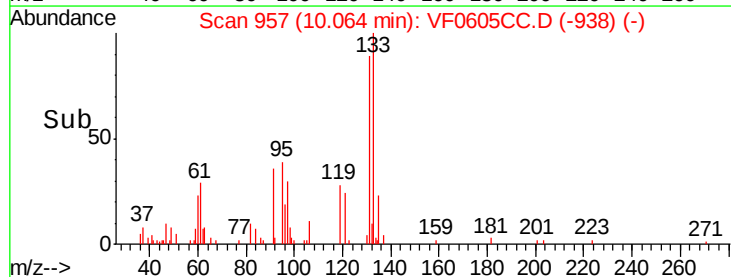
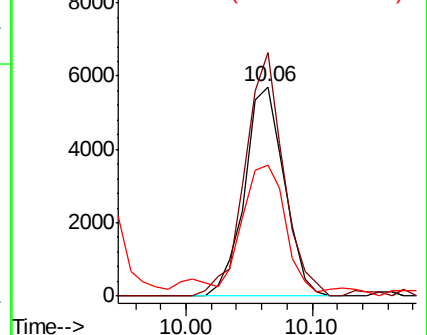
119 62.8 27.0 80.8

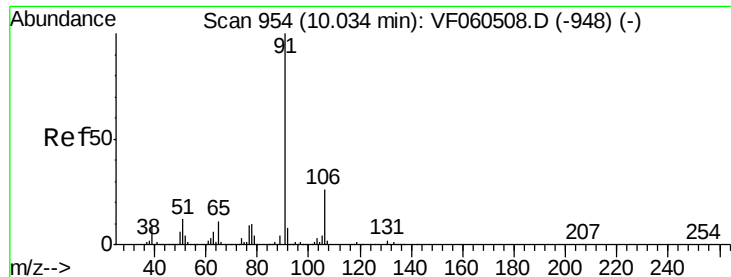


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 6.499 ug/l

RT: 10.03 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

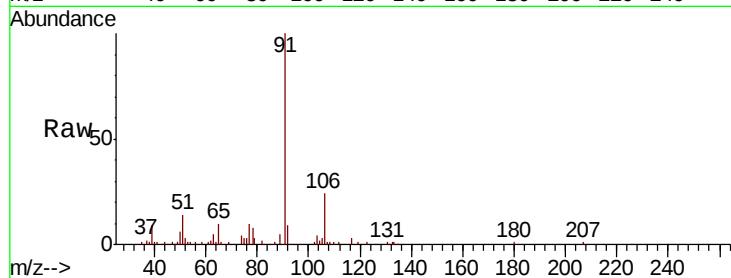
ClientSampled :

Tgt Ion: 91 Resp: 55831

Ion Ratio Lower Upper

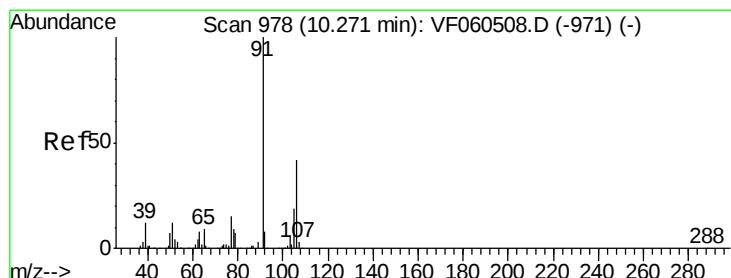
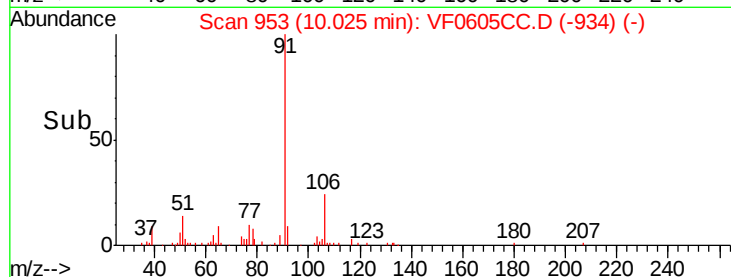
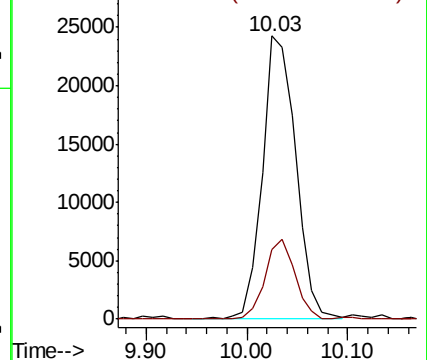
91 100

106 24.4 20.7 31.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 11.300 ug/l

RT: 10.26 min Scan# 977

Delta R.T. -0.01 min

Lab File: VF0605CC.D

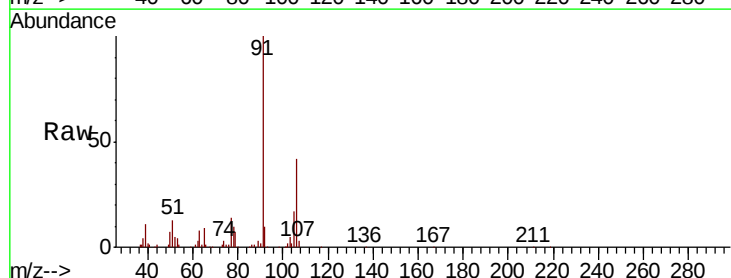
Acq: 25 Oct 2018 13:39

Tgt Ion: 106 Resp: 33138

Ion Ratio Lower Upper

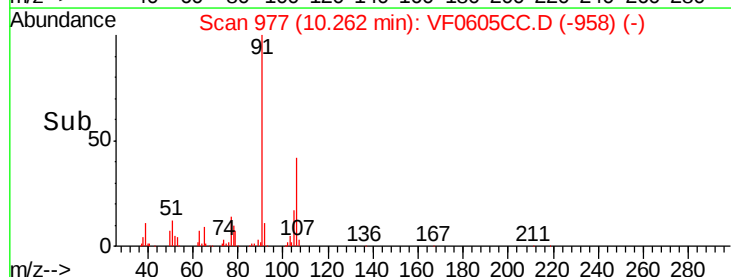
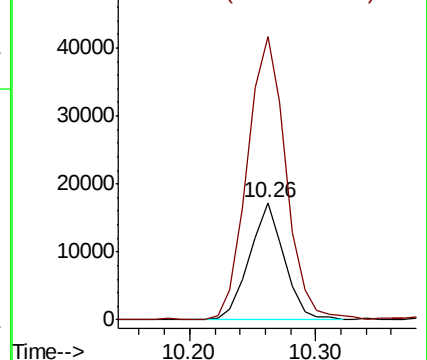
106 100

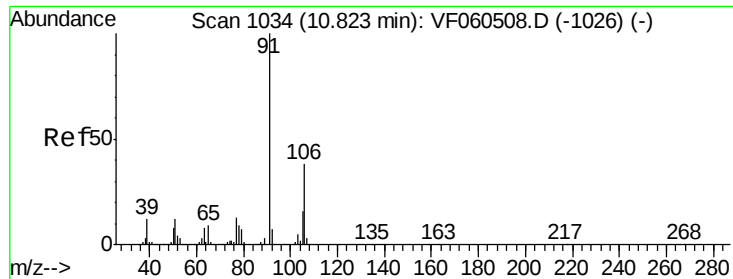
91 240.7 192.5 288.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

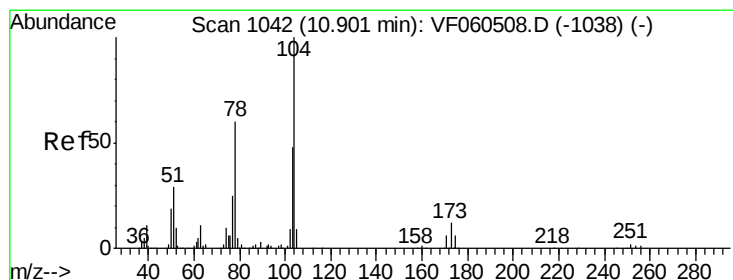
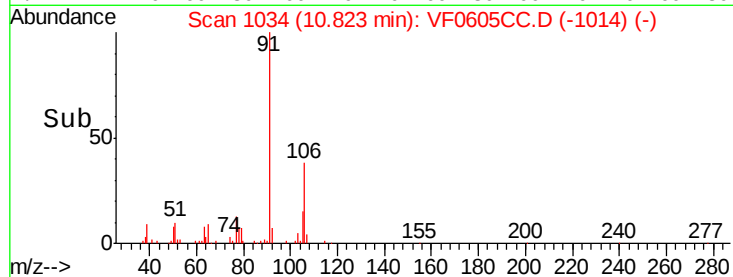
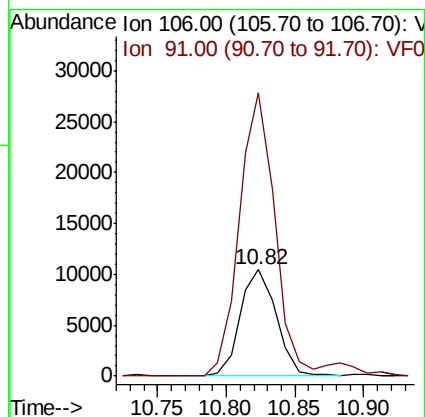
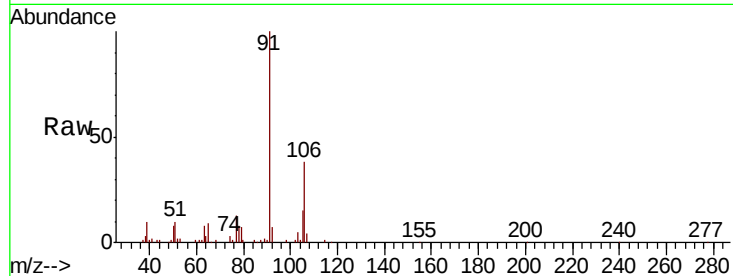




#69
o-Xylene
Concen: 6.016 ug/l
RT: 10.82 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

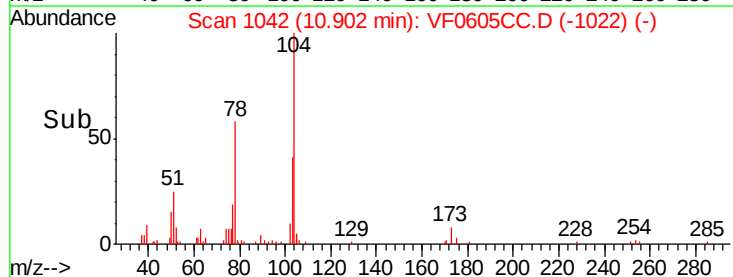
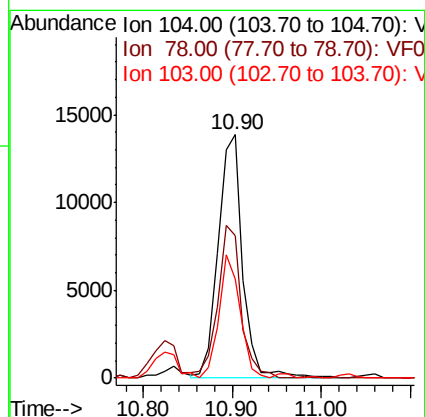
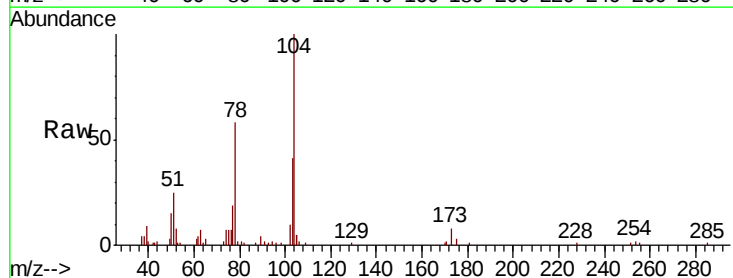
Instrument :
MSVOA_F
ClientSampleId :

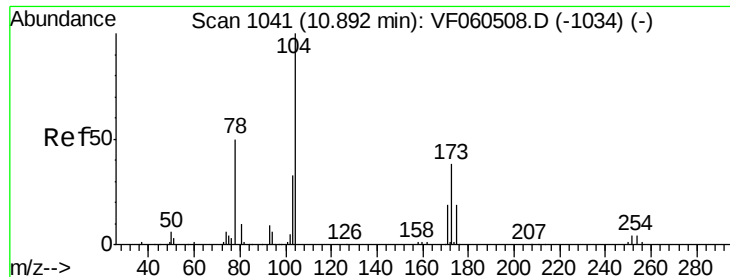
Tgt Ion:106 Resp: 19187
Ion Ratio Lower Upper
106 100
91 266.4 130.9 392.7



#70
Styrene
Concen: 5.828 ug/l
RT: 10.90 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion:104 Resp: 26753
Ion Ratio Lower Upper
104 100
78 58.3 48.7 73.1
103 40.8 38.8 58.2

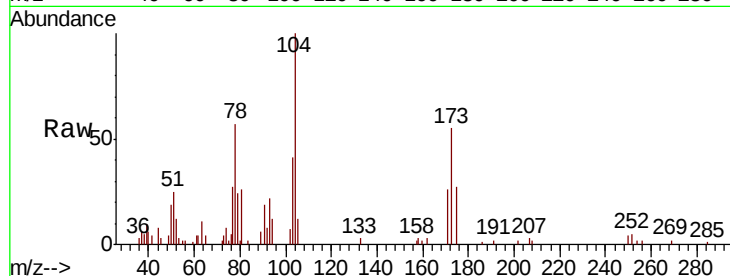




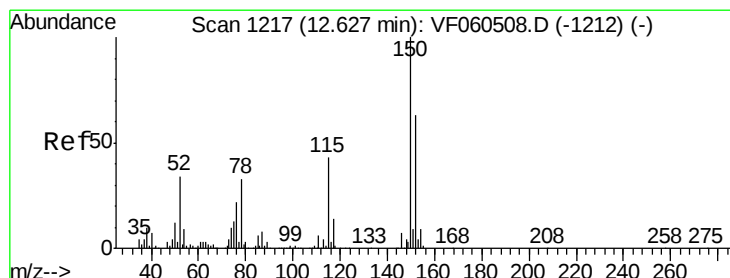
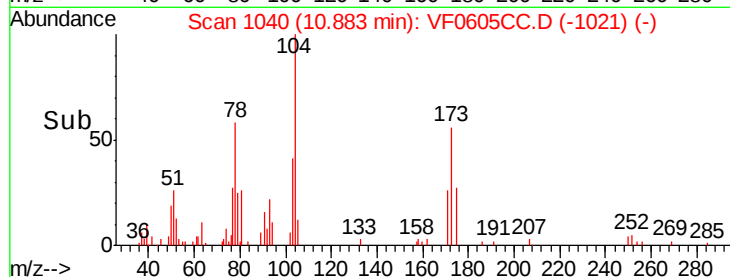
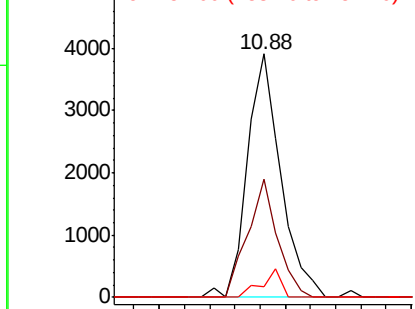
#71
Bromoform
Concen: 6.900 ug/l
RT: 10.88 min Scan# 1040
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:173 Resp: 7175
Ion Ratio Lower Upper
173 100
175 48.6 25.5 76.5
254 4.2 0.0 0.0#

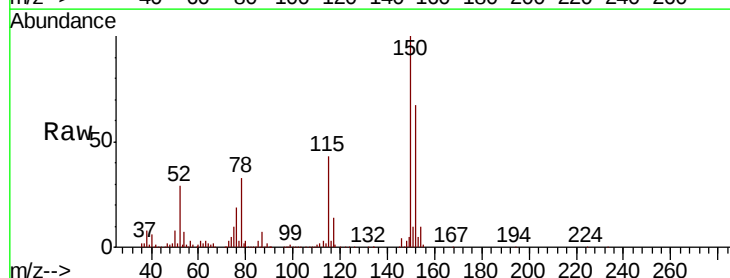


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

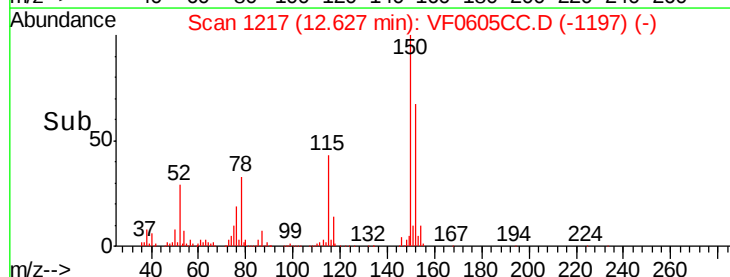
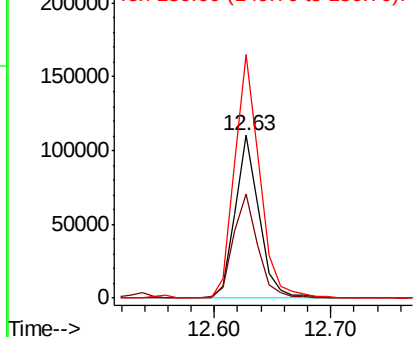


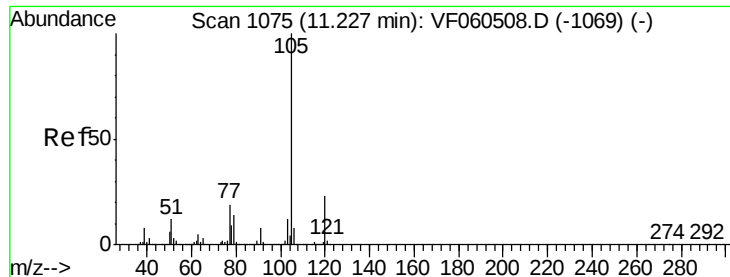
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion:152 Resp: 158089
Ion Ratio Lower Upper
152 100
115 63.8 34.6 103.9
150 149.7 0.0 319.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 5.414 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

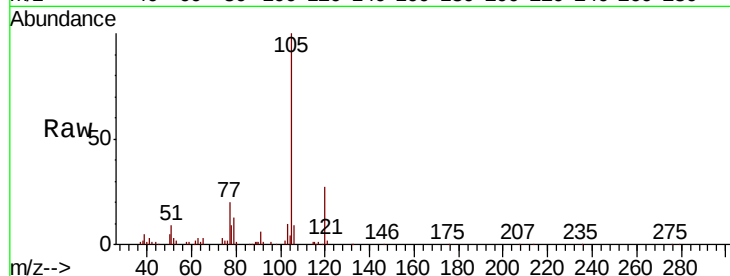
ClientSampleId :

Tgt Ion: 105 Resp: 63620

Ion Ratio Lower Upper

105 100

120 26.8 11.6 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.23

40000

30000

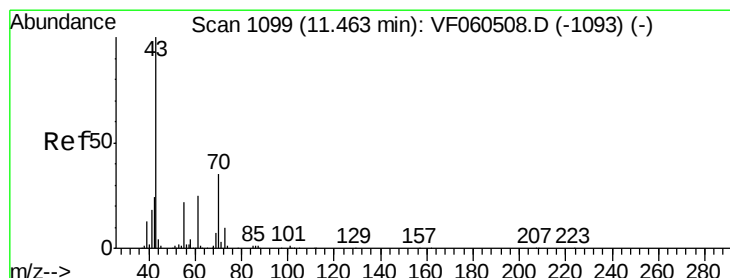
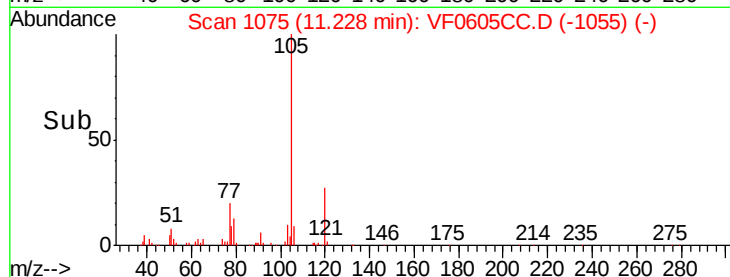
20000

10000

0

11.20 11.30

Time-->



#74

N-ethyl acetate

Concen: 4.839 ug/l

RT: 11.46 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Tgt Ion: 43 Resp: 12376

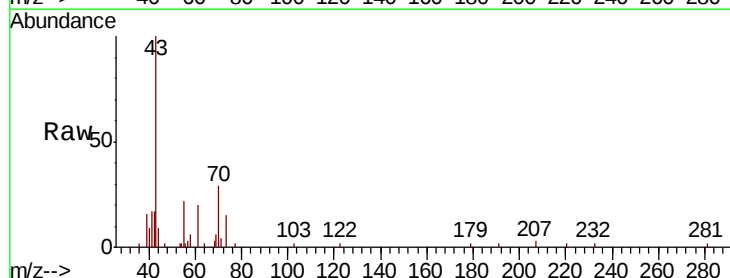
Ion Ratio Lower Upper

43 100

70 29.0 28.2 42.2

55 21.8 17.9 26.9

61 20.3 19.9 29.9



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

10000

8000

6000

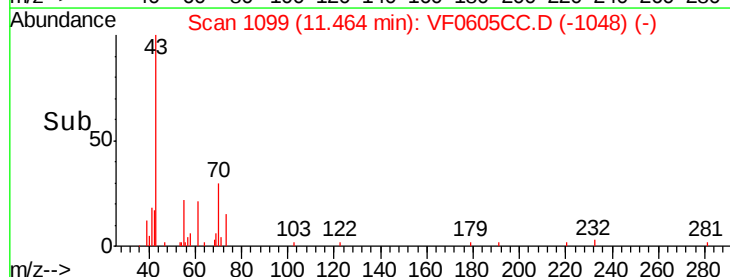
4000

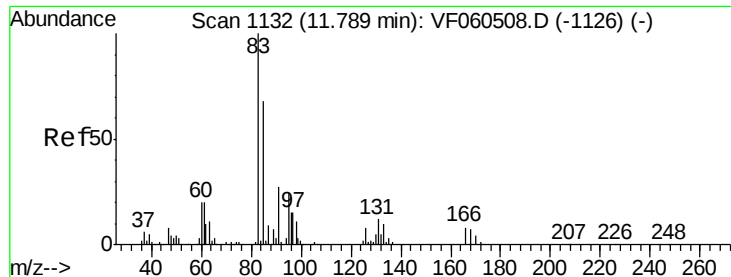
2000

0

11.30 11.40 11.50 11.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 4.796 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

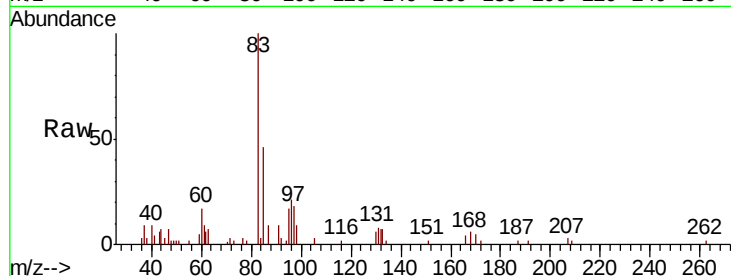
Tgt Ion: 83 Resp: 9473

Ion Ratio Lower Upper

83 100

131 8.1 5.8 17.4

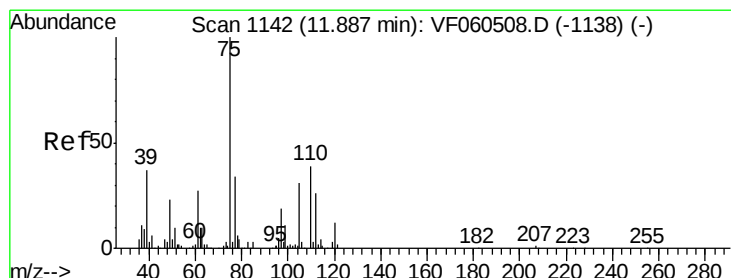
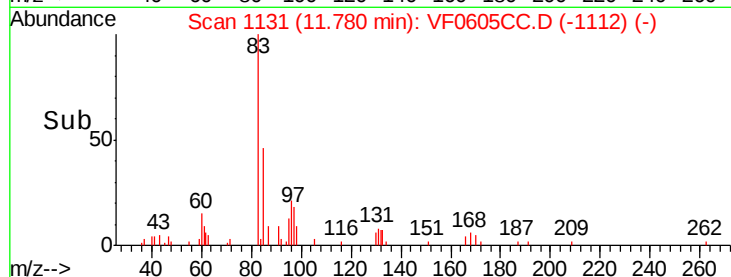
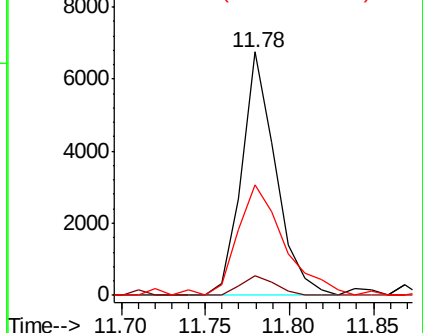
85 45.6 34.2 102.6



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: 5.790 ug/l

RT: 11.88 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF0605CC.D

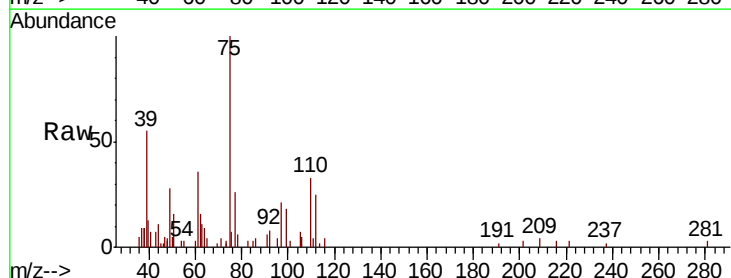
Acq: 25 Oct 2018 13:39

Tgt Ion: 75 Resp: 8841

Ion Ratio Lower Upper

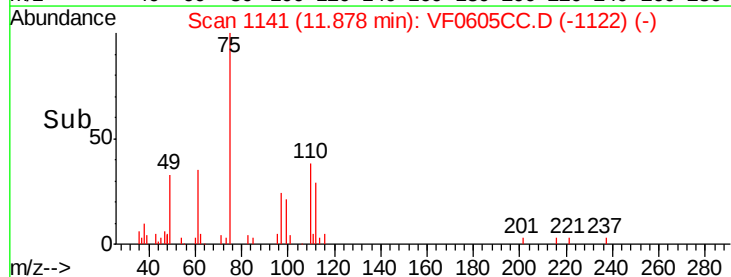
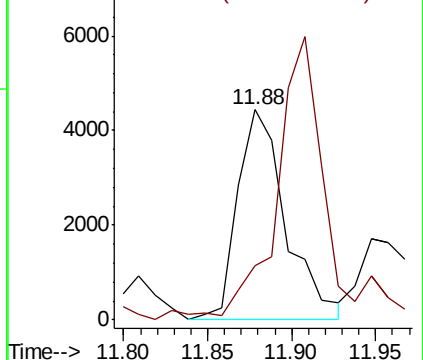
75 100

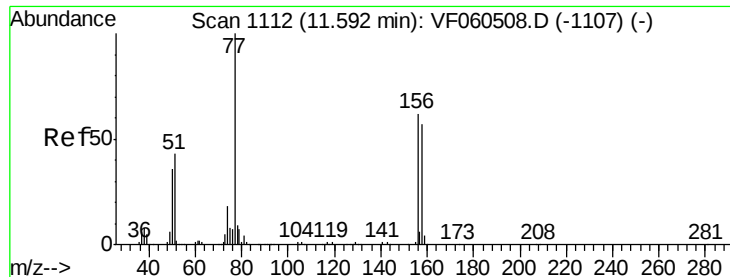
77 25.6 17.2 51.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 5.044 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

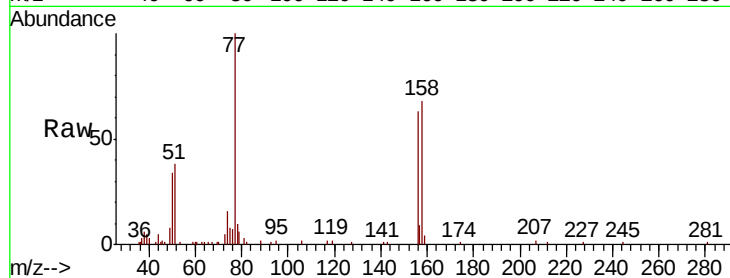
Tgt Ion:156 Resp: 13171

Ion Ratio Lower Upper

156 100

77 157.8 80.1 240.3

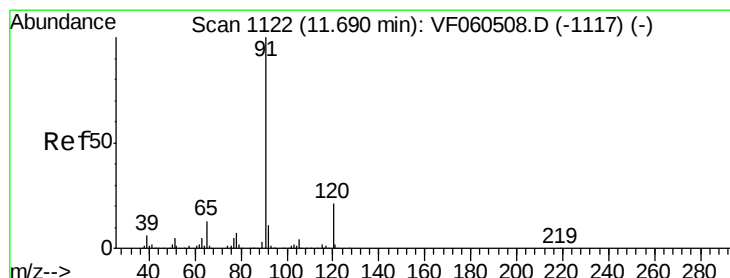
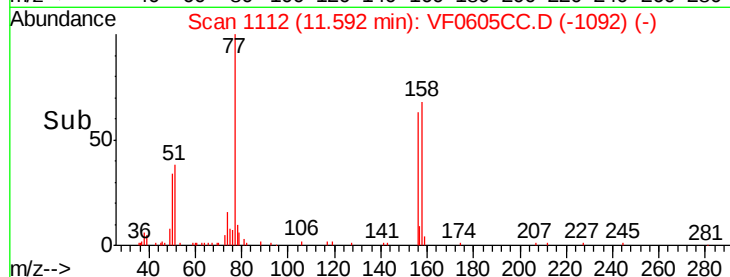
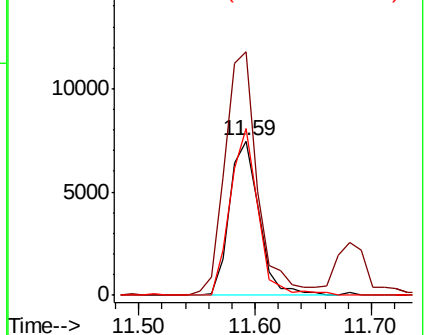
158 108.0 45.9 137.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 5.603 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF0605CC.D

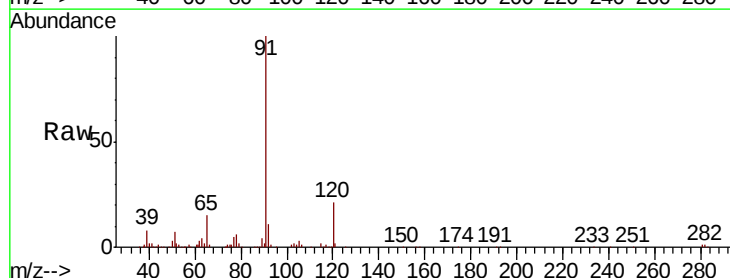
Acq: 25 Oct 2018 13:39

Tgt Ion: 91 Resp: 78411

Ion Ratio Lower Upper

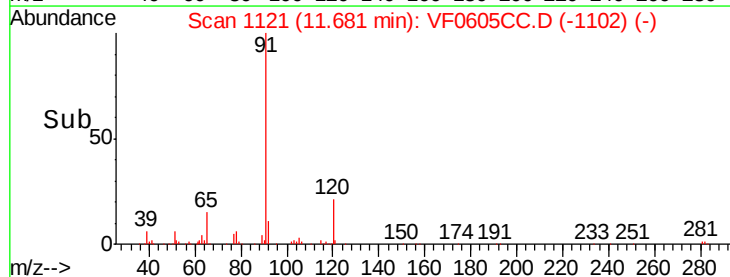
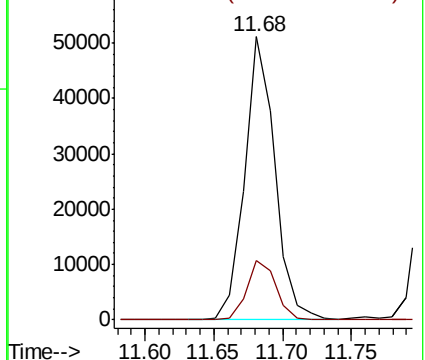
91 100

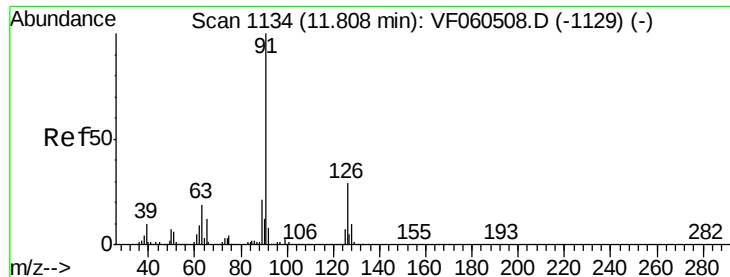
120 20.8 10.3 30.9



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

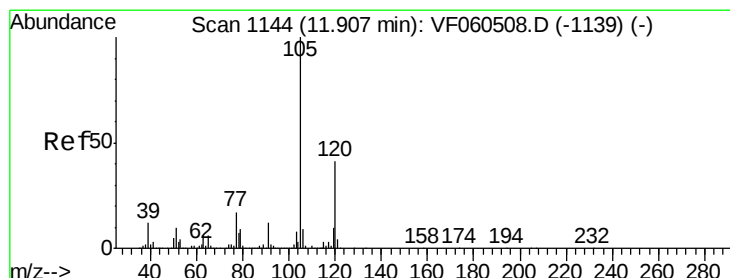
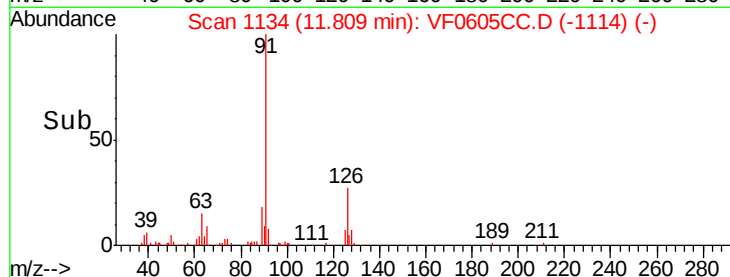
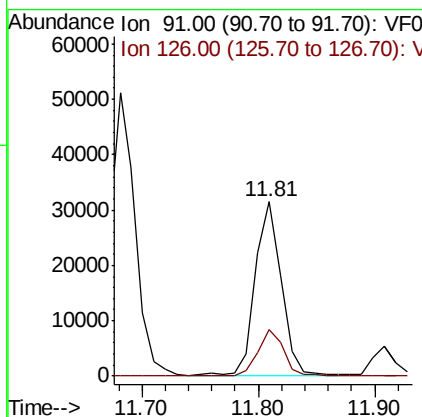
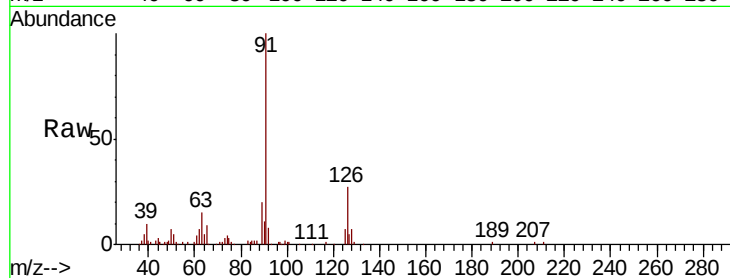




#79
2-Chlorotoluene
Concen: 5.925 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

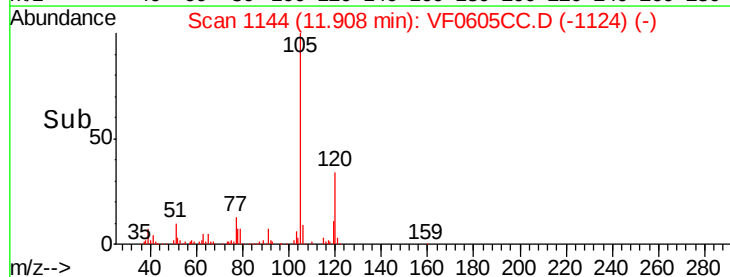
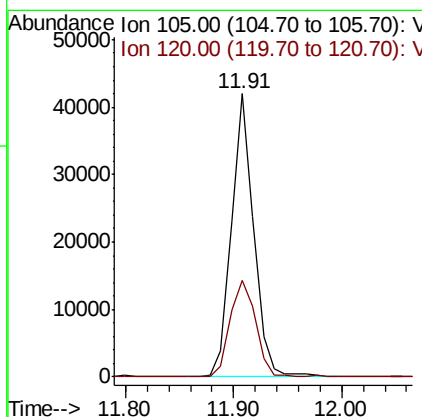
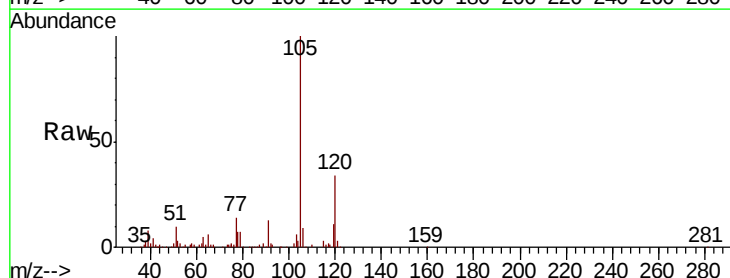
Instrument :
MSVOA_F
ClientSampleId :

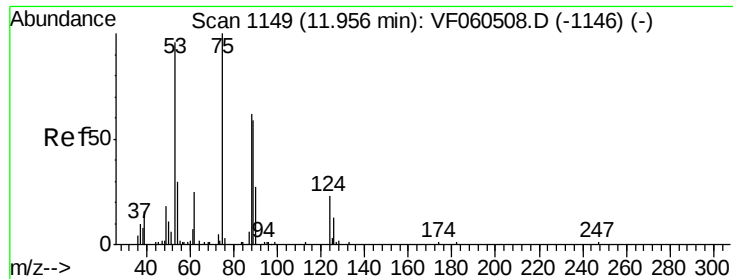
Tgt Ion: 91 Resp: 48548
Ion Ratio Lower Upper
91 100
126 26.7 14.4 43.2



#80
1,3,5-Trimethylbenzene
Concen: 6.120 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 105 Resp: 60333
Ion Ratio Lower Upper
105 100
120 34.2 20.6 61.9

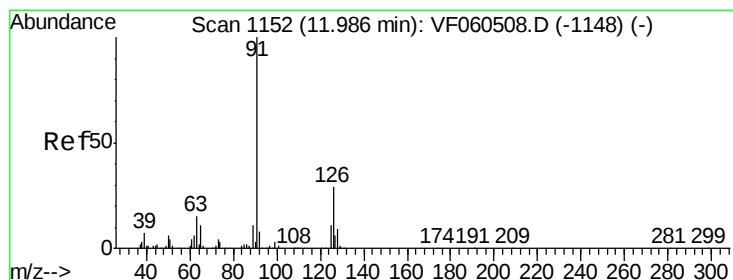
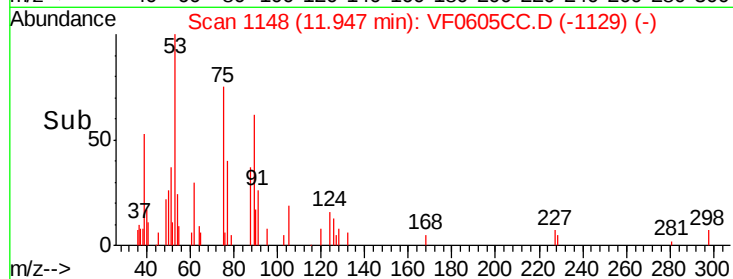
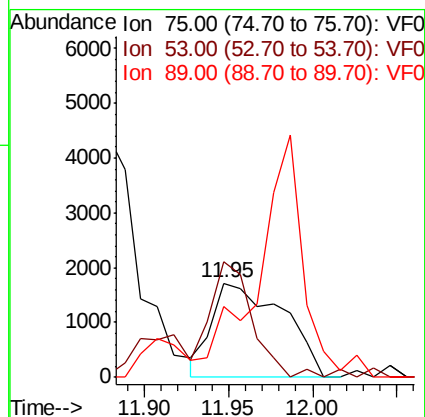
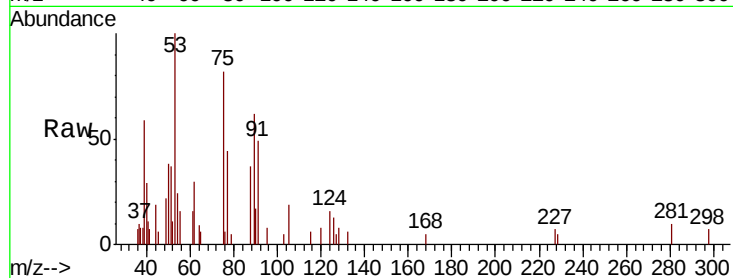




#81
trans-1,4-Dichloro-2-butene
Concen: 7.556 ug/l
RT: 11.95 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

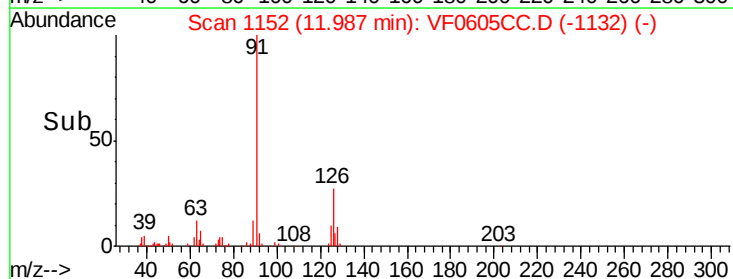
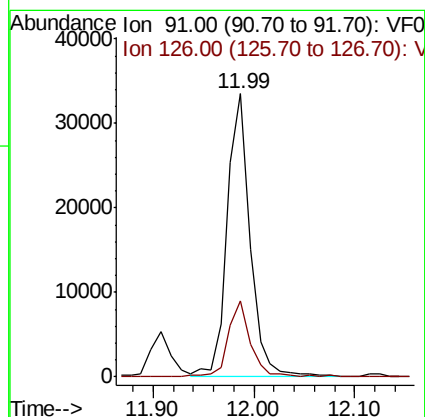
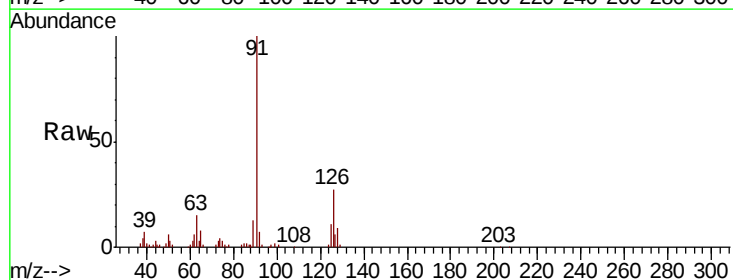
Instrument :
MSVOA_F
ClientSampleId :

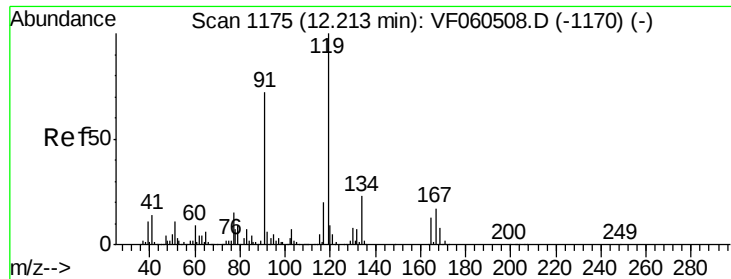
Tgt Ion: 75 Resp: 5030
Ion Ratio Lower Upper
75 100
53 122.4 85.0 127.6
89 75.6 50.2 75.4#



#82
4-Chlorotoluene
Concen: 6.290 ug/l
RT: 11.99 min Scan# 1152
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 91 Resp: 53168
Ion Ratio Lower Upper
91 100
126 26.8 14.8 44.4

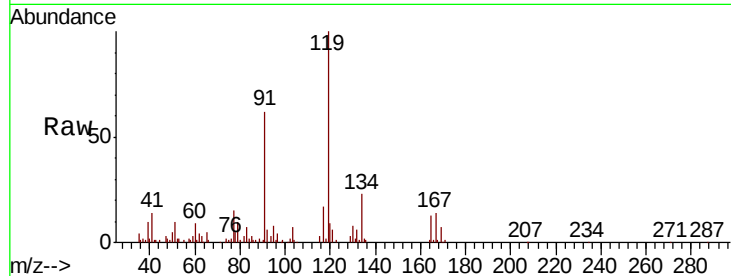




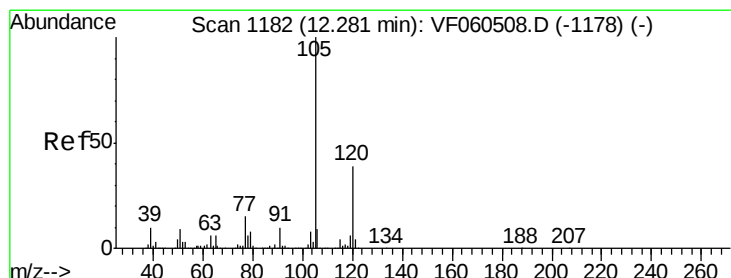
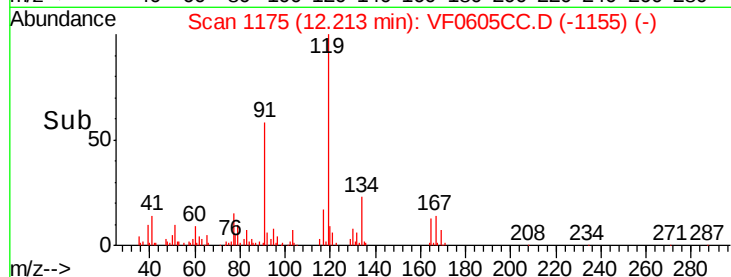
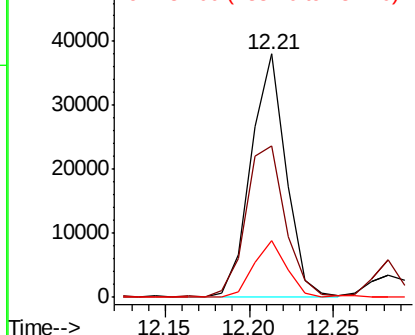
#83
 tert-Butylbenzene
 Concen: 5.556 ug/l
 RT: 12.21 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :

Tgt Ion:119 Resp: 55058
 Ion Ratio Lower Upper
 119 100
 91 62.2 36.3 108.9
 134 23.3 11.4 34.2

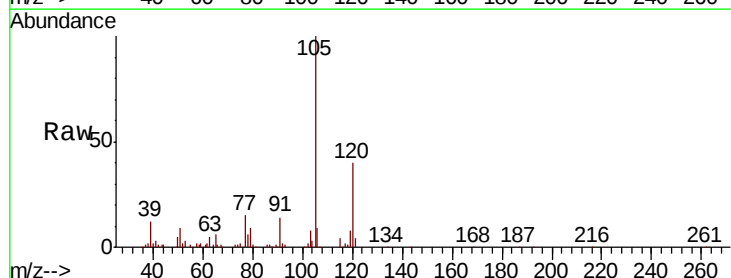


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VF0
 Ion 134.00 (133.70 to 134.70): V

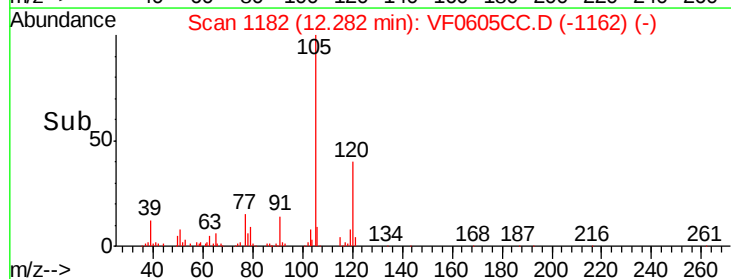
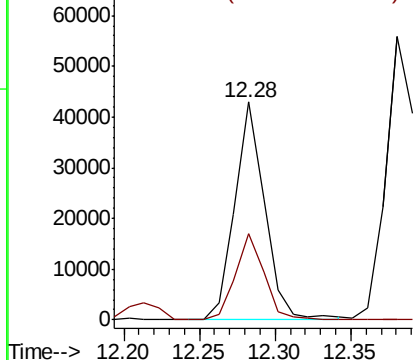


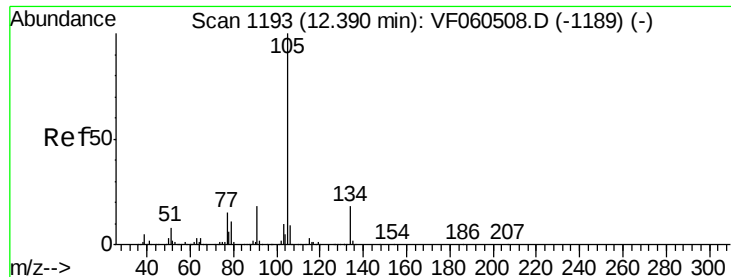
#84
 1,2,4-Trimethylbenzene
 Concen: 5.928 ug/l
 RT: 12.28 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion:105 Resp: 59334
 Ion Ratio Lower Upper
 105 100
 120 39.8 19.4 58.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

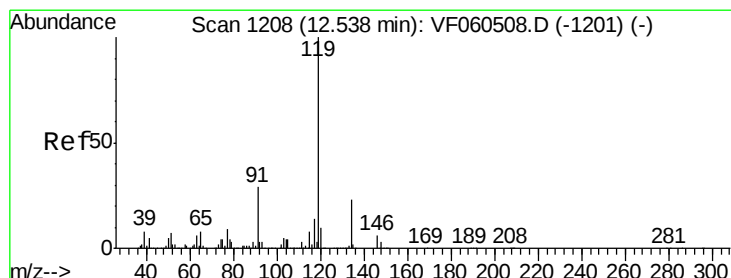
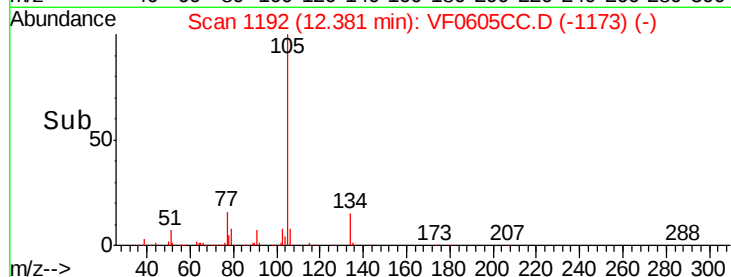
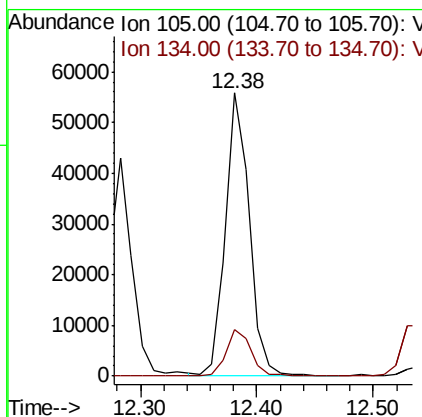
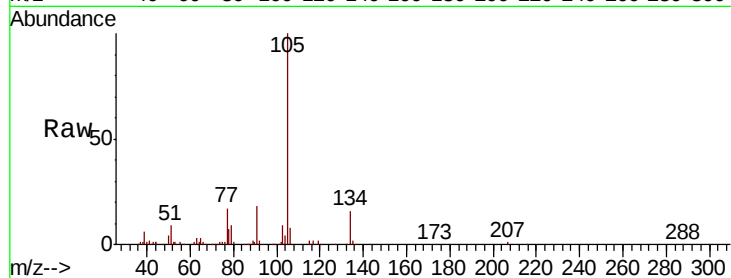




#85
 sec-Butylbenzene
 Concen: 5.937 ug/l
 RT: 12.38 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

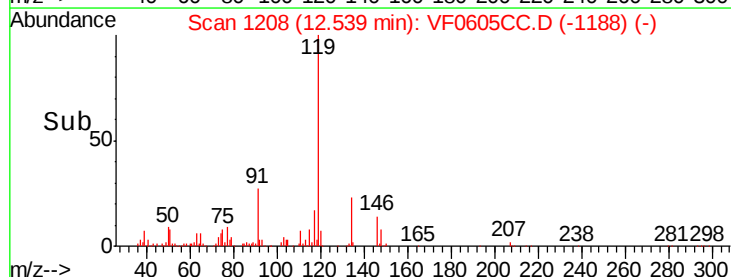
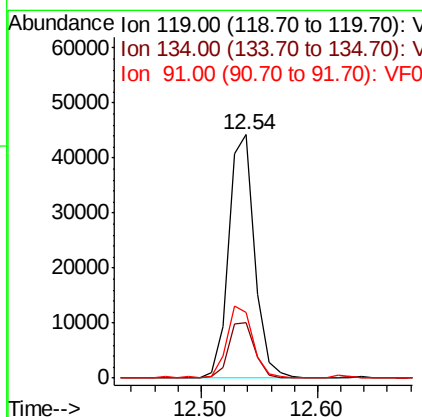
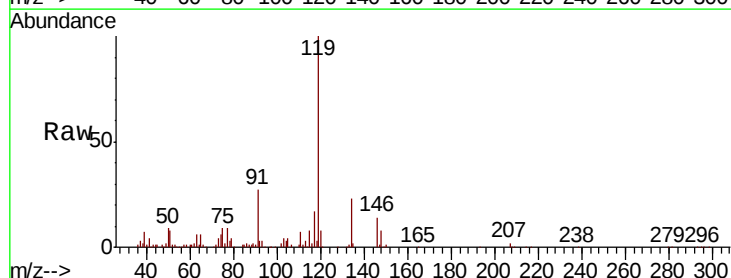
Instrument :
 MSVOA_F
 ClientSampleId :

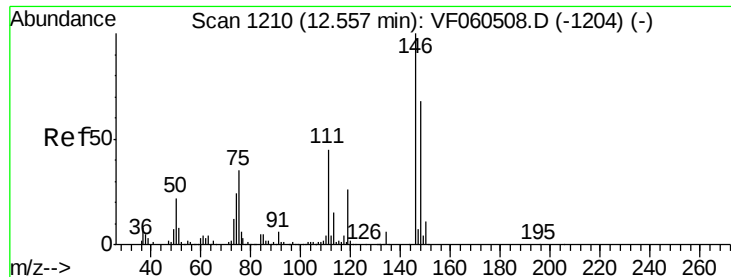
Tgt Ion:105 Resp: 79793
 Ion Ratio Lower Upper
 105 100
 134 16.5 9.2 27.4



#86
 p-Isopropyltoluene
 Concen: 6.207 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion:119 Resp: 68493
 Ion Ratio Lower Upper
 119 100
 134 22.8 11.7 35.0
 91 27.2 14.4 43.4





#87

1,3-Dichlorobenzene

Concen: 5.994 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

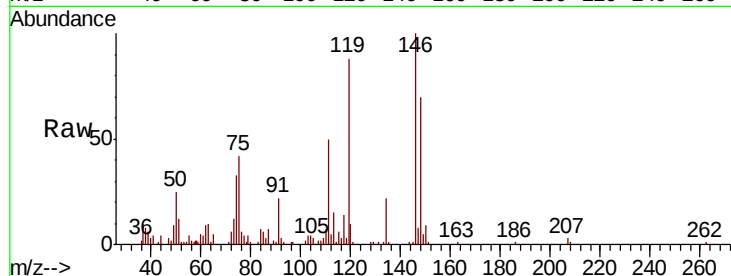
Tgt Ion:146 Resp: 29817

Ion Ratio Lower Upper

146 100

111 50.2 22.3 66.8

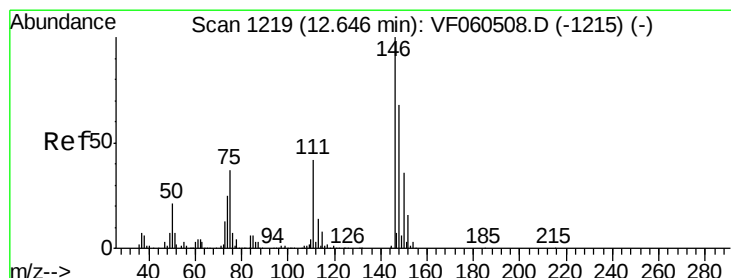
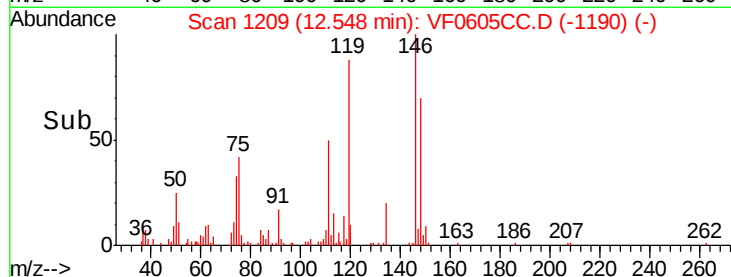
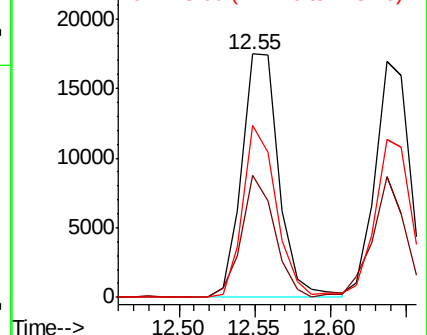
148 70.5 34.1 102.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 5.862 ug/l

RT: 12.64 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VF0605CC.D

Acq: 25 Oct 2018 13:39

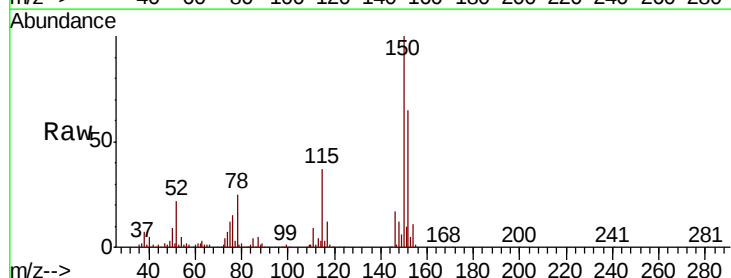
Tgt Ion:146 Resp: 28279

Ion Ratio Lower Upper

146 100

111 51.4 21.1 63.3

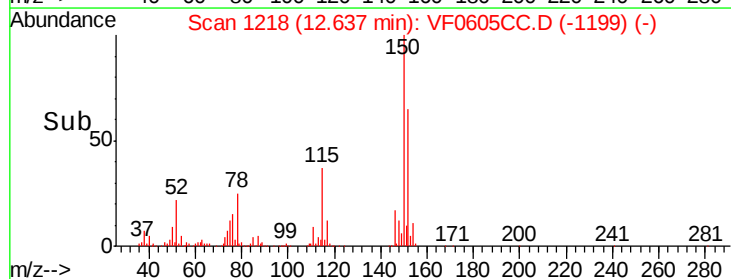
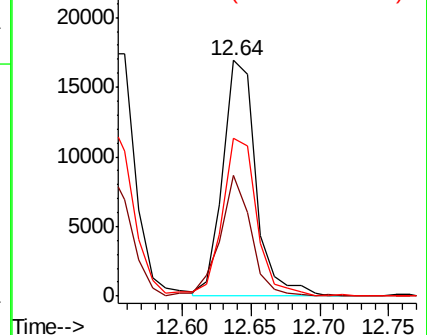
148 67.2 33.9 101.7

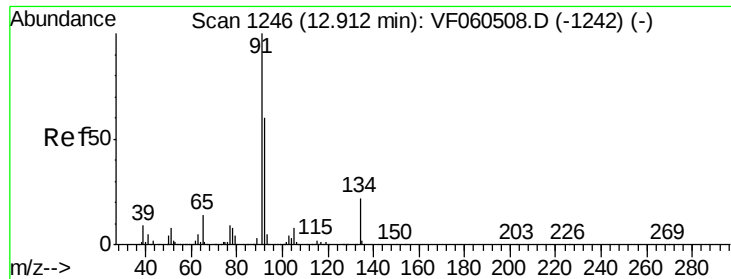


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

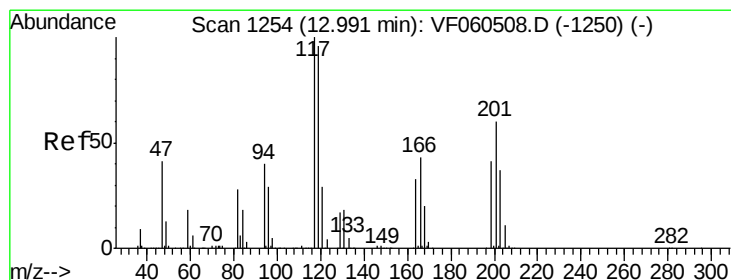
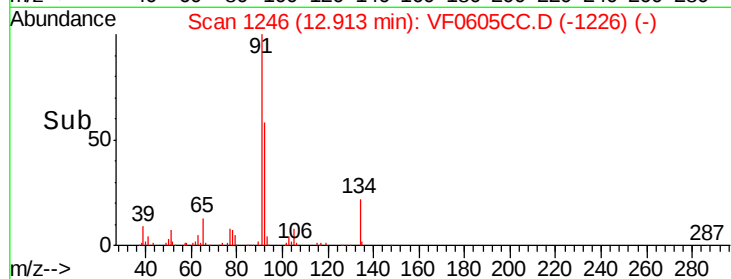
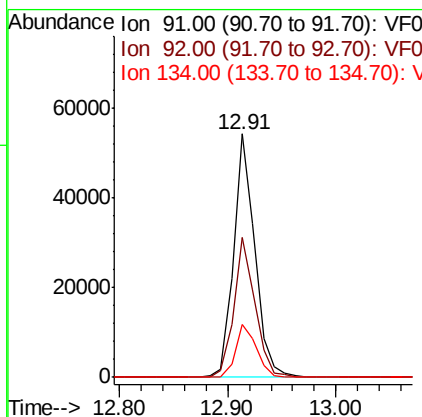
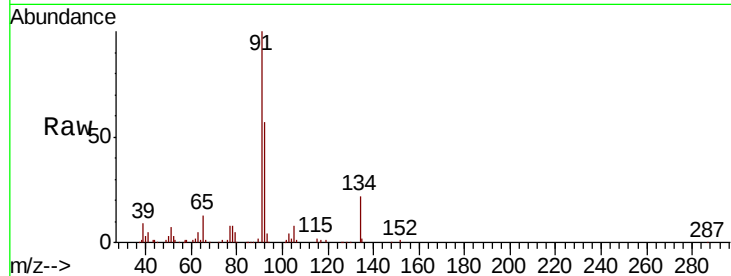




#89
n-Butylbenzene
Concen: 6.446 ug/l
RT: 12.91 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

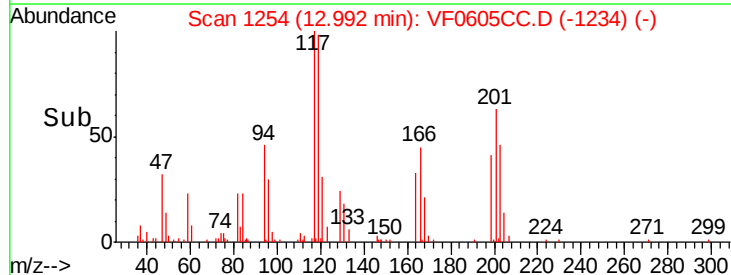
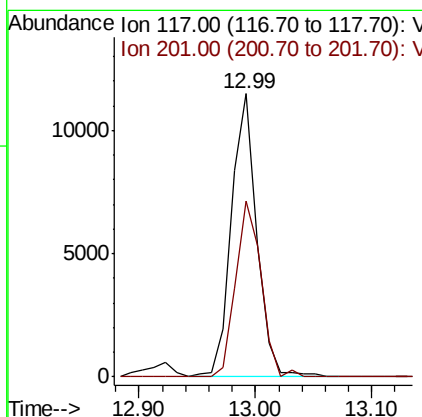
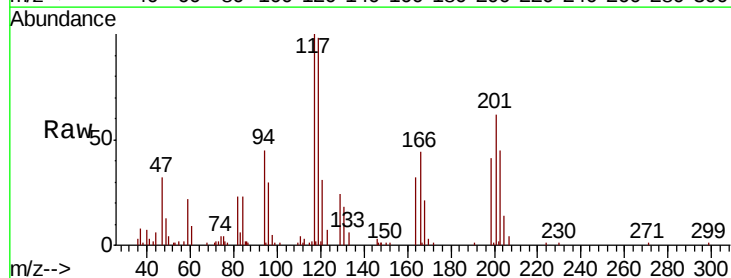
Instrument :
MSVOA_F
ClientSampleId :

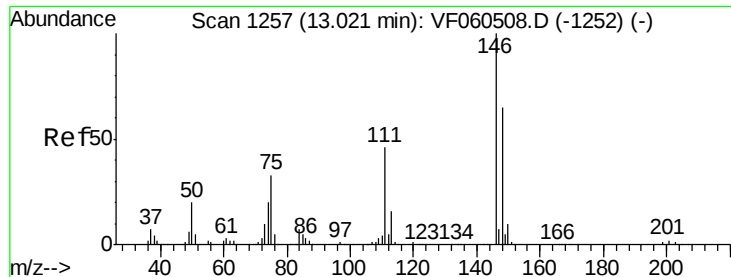
Tgt Ion: 91 Resp: 74424
Ion Ratio Lower Upper
91 100
92 57.5 29.8 89.3
134 21.8 10.9 32.7



#90
Hexachloroethane
Concen: 6.593 ug/l
RT: 12.99 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion: 117 Resp: 17395
Ion Ratio Lower Upper
117 100
201 62.0 30.1 90.5

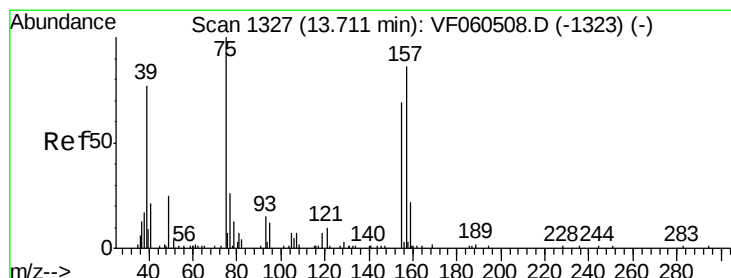
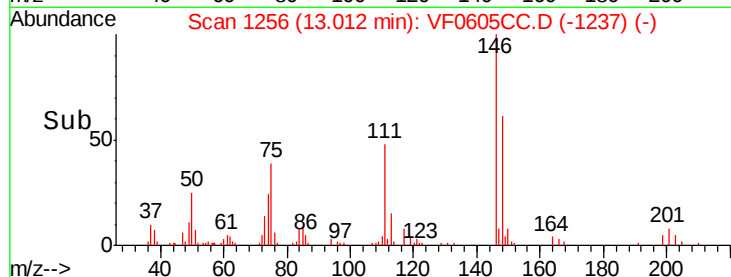
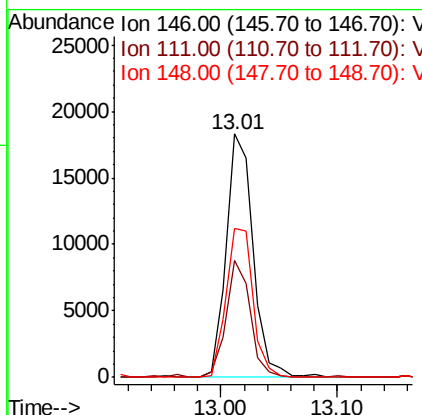
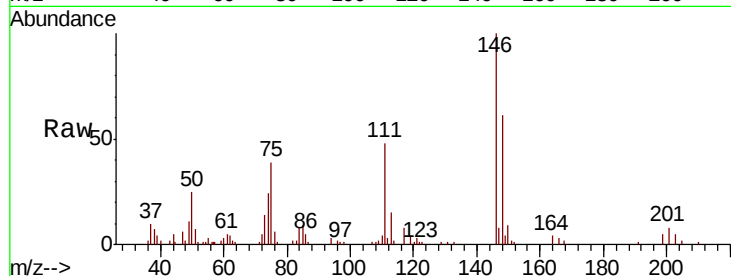




#91
 1,2-Dichlorobenzene
 Concen: 6.116 ug/l
 RT: 13.01 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

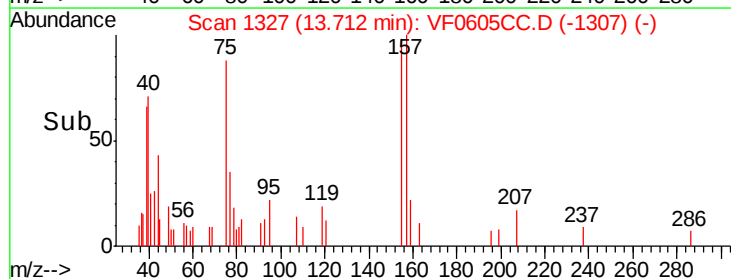
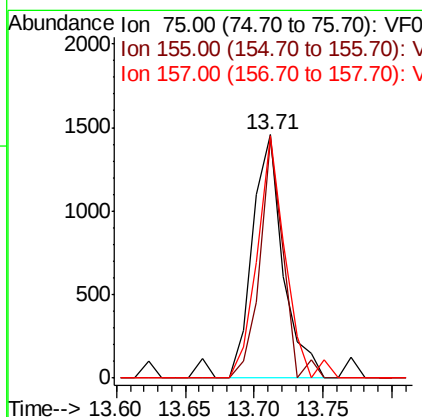
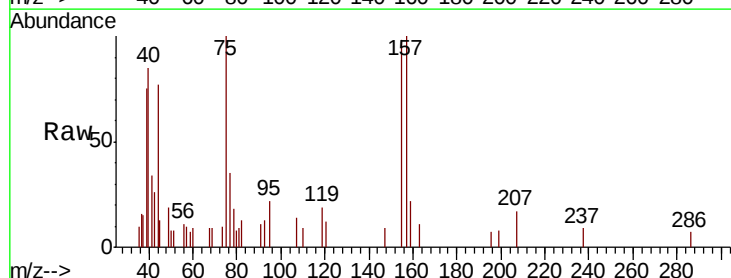
Instrument :
 MSVOA_F
 ClientSampleId :

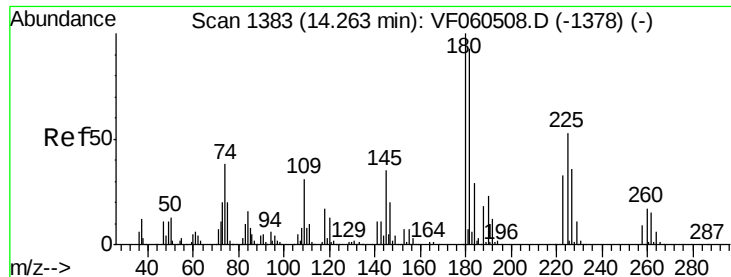
Tgt Ion: 146 Resp: 29287
 Ion Ratio Lower Upper
 146 100
 111 48.2 22.8 68.4
 148 61.2 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.541 ug/l
 RT: 13.71 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion: 75 Resp: 2323
 Ion Ratio Lower Upper
 75 100
 155 98.1 34.7 104.1
 157 99.7 42.9 128.5

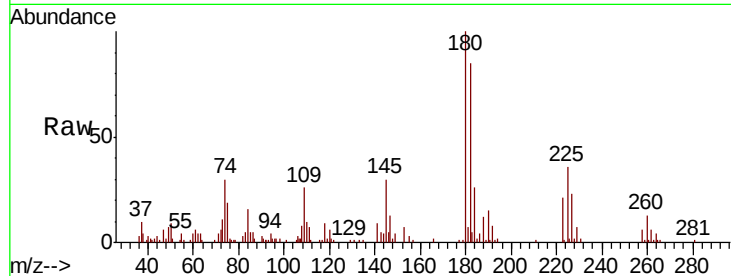




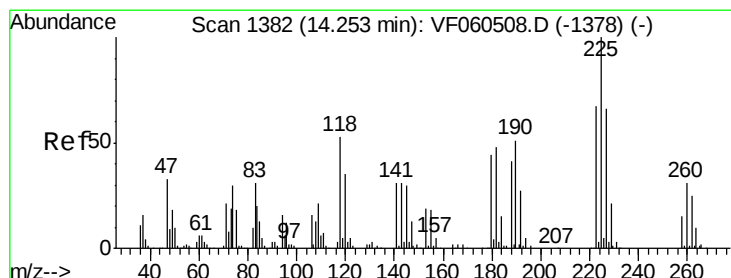
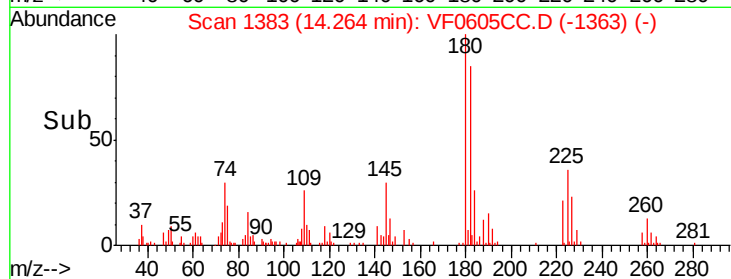
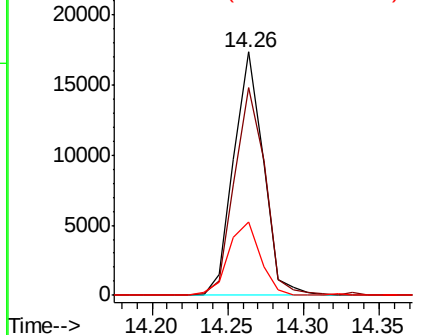
#93
 1,2,4-Trichlorobenzene
 Concen: 6.374 ug/l
 RT: 14.26 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :

Tgt Ion:180 Resp: 23571
 Ion Ratio Lower Upper
 180 100
 182 85.1 46.7 140.0
 145 30.0 17.3 52.0

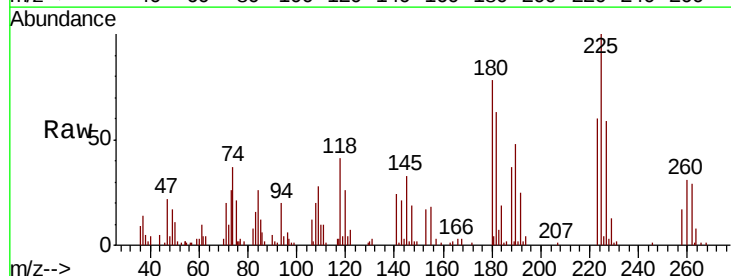


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

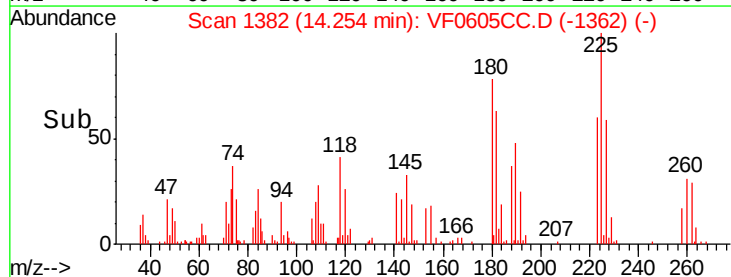
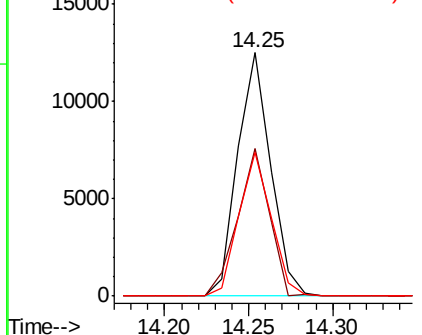


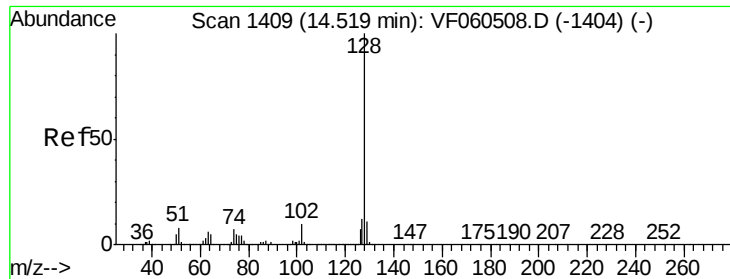
#94
 Hexachlorobutadiene
 Concen: 6.789 ug/l
 RT: 14.25 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VF0605CC.D
 Acq: 25 Oct 2018 13:39

Tgt Ion:225 Resp: 17068
 Ion Ratio Lower Upper
 225 100
 223 60.5 33.4 100.2
 227 59.0 32.9 98.6



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

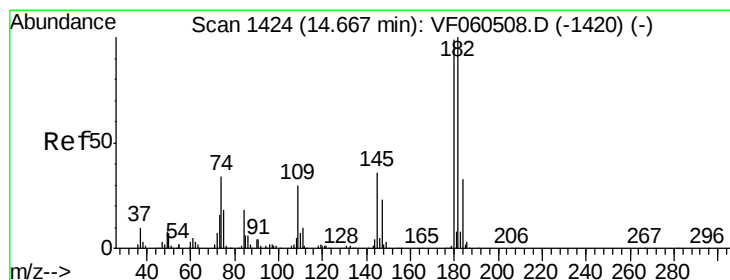
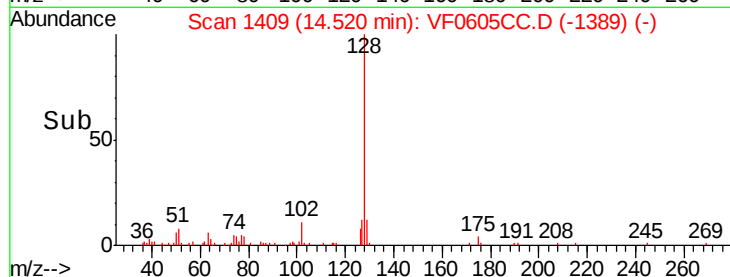
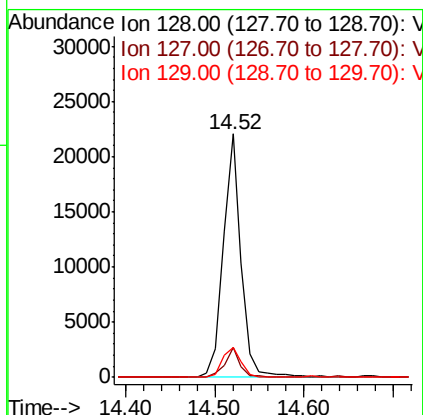
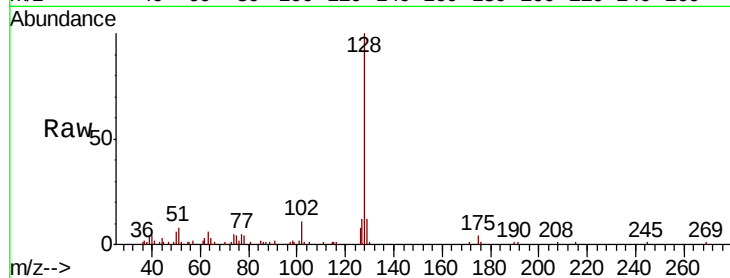




#95
Naphthalene
Concen: 4.906 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampled :

Tgt Ion:128 Resp: 31187
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 12.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 5.907 ug/l
RT: 14.67 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VF0605CC.D
Acq: 25 Oct 2018 13:39

Tgt Ion:180 Resp: 20352
Ion Ratio Lower Upper
180 100
182 110.0 50.7 152.1
145 31.1 18.1 54.4

