

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060790.D
 Acq On : 19 Nov 2018 21:56
 Operator : VA/AP
 Sample : J5950-08MS
 Misc : 6.29g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

Quant Time: Nov 20 02:20:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	5626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	5864	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.78	117	3263	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	572	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	765	11.92	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	23.84%	
35) Dibromofluoromethane	4.11	113	1084	24.59	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	49.18%	
50) Toluene-d8	7.56	98	5322	46.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.64%	
62) 4-Bromofluorobenzene	11.43	95	2059	38.55	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	77.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	4421	43.909	ug/l #	67
3) Chloromethane	1.07	50	3196	51.183	ug/l	94
4) Vinyl Chloride	1.12	62	3706	66.346	ug/l #	76
5) Bromomethane	1.30	94	2146	60.481	ug/l	91
6) Chloroethane	1.36	64	1762	80.623	ug/l	91
7) Trichlorofluoromethane	1.45	101	8527	69.032	ug/l	96
8) Diethyl Ether	1.63	74	352	22.241	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.81	101	4738	81.396	ug/l #	82
10) Methyl Iodide	1.87	142	4174	44.692	ug/l #	66
12) 1,1-Dichloroethene	1.76	96	3647	79.457	ug/l #	70
13) Acrolein	2.02	56	76	28.461	ug/l #	14
14) Allyl chloride	2.11	41	3451	42.918	ug/l	93
16) Acetone	2.26	43	812	59.200	ug/l #	65
17) Carbon Disulfide	1.78	76	10472	75.488	ug/l #	86
18) Methyl Acetate	2.35	43	194	8.614	ug/l #	64
19) Methyl tert-butyl Ether	2.42	73	1059	9.617	ug/l #	6
20) Methylene Chloride	2.19	84	1563	33.334	ug/l #	58
21) trans-1,2-Dichloroethene	2.32	96	2712	56.554	ug/l #	63
22) Diisopropyl ether	2.78	45	3038	19.570	ug/l #	84
23) Vinyl Acetate	3.20	43	212	2.900	ug/l #	77
24) 1,1-Dichloroethane	2.88	63	3554	37.814	ug/l #	88
25) 2-Butanone	4.32	43	156	6.915	ug/l #	56
26) 2,2-Dichloropropane	3.61	77	2077	28.083	ug/l #	60
27) cis-1,2-Dichloroethene	3.48	96	1680	20.594	ug/l	95
28) Bromochloromethane	3.72	49	814	16.665	ug/l #	72
29) Tetrahydrofuran	4.07	42	188	20.202	ug/l #	36
30) Chloroform	3.87	83	3613	23.959	ug/l	96
31) Cyclohexane	3.71	56	5788	50.741	ug/l #	92
32) 1,1,1-Trichloroethane	4.12	97	5366	45.187	ug/l #	82
36) 1,1-Dichloropropene	4.31	75	5157	75.829	ug/l	96
37) Ethyl Acetate	4.12	43	146	5.774	ug/l #	1
38) Carbon Tetrachloride	4.01	117	5292	80.195	ug/l #	72
39) Methylcyclohexane	5.47	83	4828	61.192	ug/l	92
40) Benzene	4.64	78	7330	48.351	ug/l #	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.74	41	202	11.665	ug/l #	51
42) 1,2-Dichloroethane	4.96	62	739	14.106	ug/l	77
43) Isopropyl Acetate	6.98	43	331	9.874	ug/l #	48
44) Trichloroethene	5.52	130	2967	62.032	ug/l	90
45) 1,2-Dichloropropane	6.26	63	1322	33.512	ug/l	95
46) Dibromomethane	6.08	93	130	4.992	ug/l #	64
47) Bromodichloromethane	6.39	83	1355	20.377	ug/l #	97
48) Methyl methacrylate	6.71	41	303	13.657	ug/l #	17
51) 4-Methyl-2-Pentanone	8.23	43	675	27.840	ug/l #	38
52) Toluene	7.63	92	5004	49.256	ug/l	95
53) t-1,3-Dichloropropene	8.28	75	128	2.403	ug/l #	44
54) cis-1,3-Dichloropropene	7.31	75	1265	18.285	ug/l #	63
55) 1,1,2-Trichloroethane	8.51	97	350	12.058	ug/l #	88
56) Ethyl methacrylate	8.63	69	353	10.708	ug/l #	71
57) 1,3-Dichloropropane	8.86	76	662	13.160	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.63	63	552	183.307	ug/l	100
59) 2-Hexanone	9.46	43	95	5.575	ug/l #	28
60) Dibromochloromethane	8.72	129	913	22.070	ug/l	69
61) 1,2-Dibromoethane	8.99	107	149	4.881	ug/l	92
64) Tetrachloroethene	8.16	164	2697	104.376	ug/l #	82
65) Chlorobenzene	9.80	112	3291	49.981	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	9.94	131	1220	42.480	ug/l	80
67) Ethyl Benzene	9.91	91	9768	78.702	ug/l	94
68) m/p-Xylenes	10.15	106	5968	134.551	ug/l	93
69) o-Xylene	10.72	106	2200	44.117	ug/l	97
70) Styrene	10.80	104	940	13.889	ug/l #	67
71) Bromoform	10.78	173	163	12.621	ug/l #	37
73) Isopropylbenzene	11.13	105	11014	239.216	ug/l	97
74) N-amyl acetate	11.44	43	1272	121.357	ug/l #	6
75) 1,1,2,2-Tetrachloroethane	11.70	83	1038	136.362	ug/l #	89
76) 1,2,3-Trichloropropane	11.79	75	132	23.349	ug/l #	1
77) Bromobenzene	11.51	156	678	70.745	ug/l	89
78) n-propylbenzene	11.60	91	8159	151.943	ug/l	85
79) 2-Chlorotoluene	11.72	91	5093	163.186	ug/l	94
80) 1,3,5-Trimethylbenzene	11.76	105	60	1.641	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.91	75	82	29.524	ug/l #	11
82) 4-Chlorotoluene	11.90	91	2863	89.545	ug/l	98
83) tert-Butylbenzene	12.14	119	5878	151.451	ug/l	93
84) 1,2,4-Trimethylbenzene	12.31	105	7857	207.834	ug/l #	27
85) sec-Butylbenzene	12.31	105	7857	149.236	ug/l	93
86) p-Isopropyltoluene	12.47	119	489	11.121	ug/l #	56
87) 1,3-Dichlorobenzene	12.49	146	901	47.241	ug/l #	60
88) 1,4-Dichlorobenzene	12.56	146	781	42.607	ug/l #	54
89) n-Butylbenzene	12.82	91	143	3.187	ug/l #	26
90) Hexachloroethane	12.92	117	1707	158.718	ug/l	90
91) 1,2-Dichlorobenzene	12.95	146	222	12.362	ug/l #	9
94) Hexachlorobutadiene	14.19	225	198	23.475	ug/l #	55
95) Naphthalene	14.47	128	83	3.524	ug/l #	69

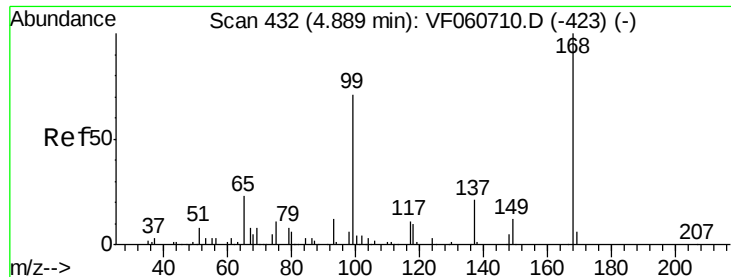
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

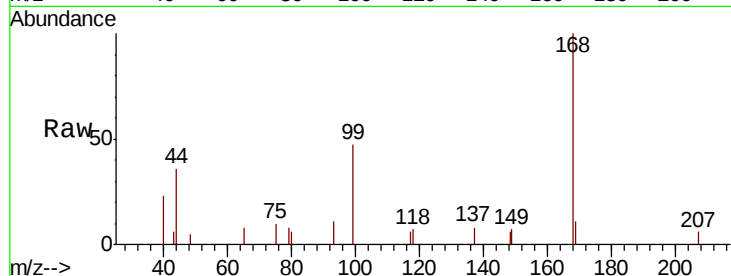
SSI-21-TW-2

Tot Ion:168 Resp: 5626

Ion Ratio Lower Upper

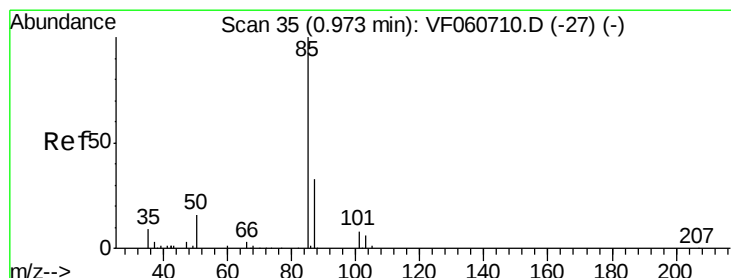
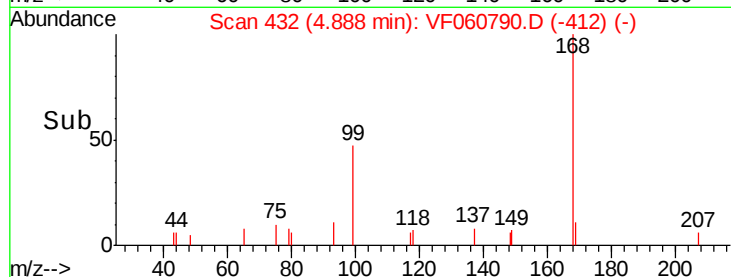
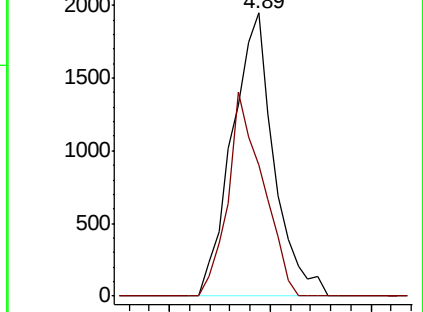
168 100

99 46.5 57.2 85.8#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 43.909 ug/l

RT: 0.96 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF060790.D

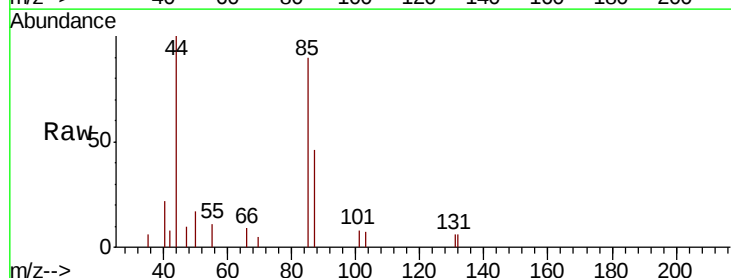
Acq: 19 Nov 2018 21:56

Tgt Ion: 85 Resp: 4421

Ion Ratio Lower Upper

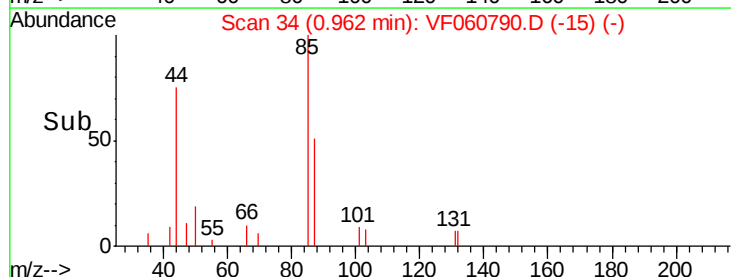
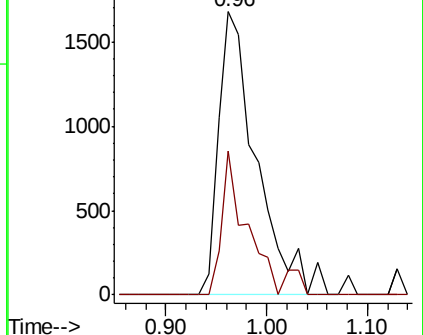
85 100

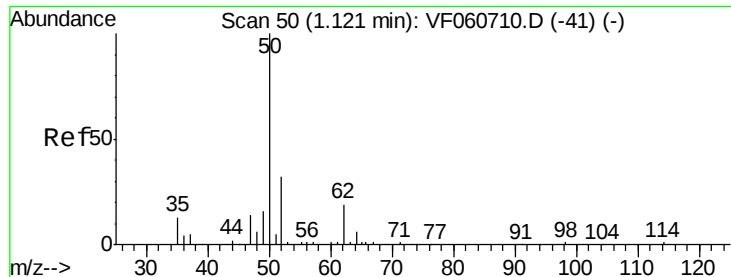
87 50.9 16.3 48.9#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 51.183 ug/l

RT: 1.07 min Scan# 45

Delta R.T. -0.05 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

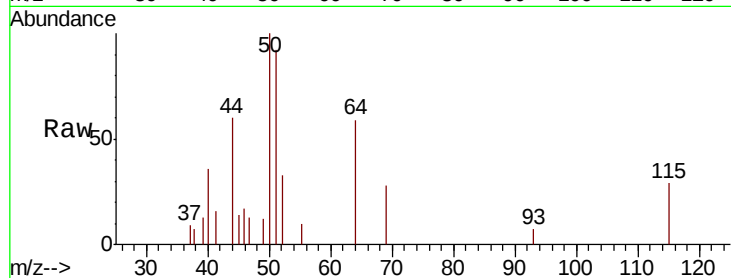
SSI-21-TW-2

Tot Ion: 50 Resp: 3196

Ion Ratio Lower Upper

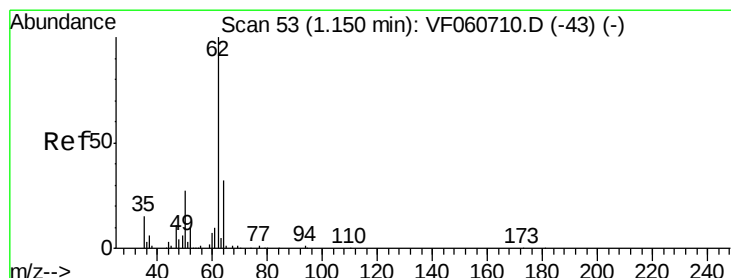
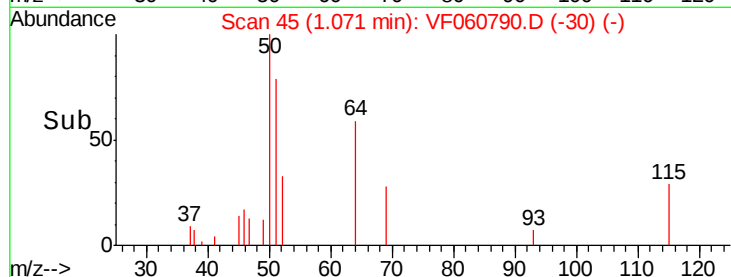
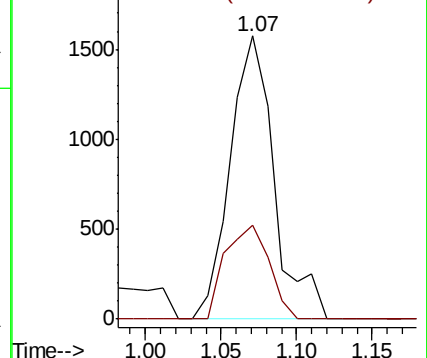
50 100

52 33.3 24.2 36.2



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 66.346 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.03 min

Lab File: VF060790.D

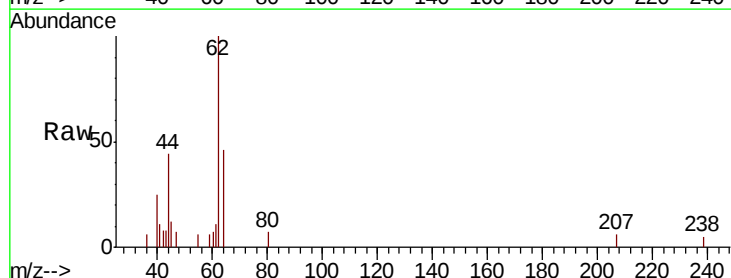
Acq: 19 Nov 2018 21:56

Tgt Ion: 62 Resp: 3706

Ion Ratio Lower Upper

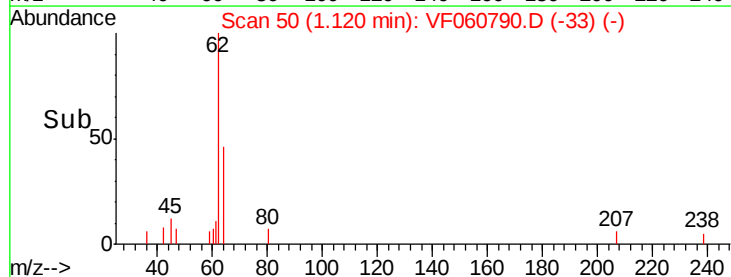
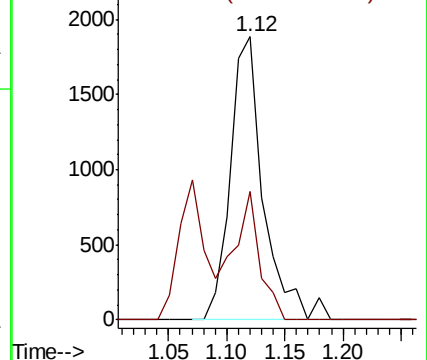
62 100

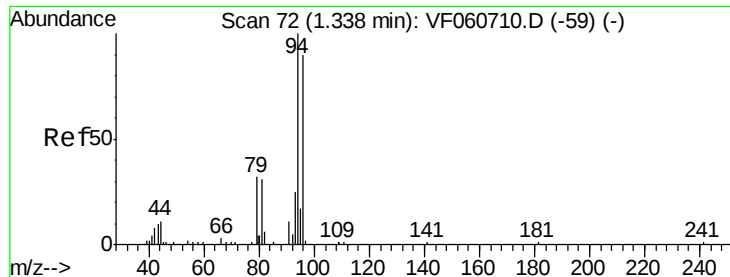
64 45.6 25.8 38.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 60.481 ug/l

RT: 1.30 min Scan# 68

Delta R.T. -0.04 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

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ClientSampleId :

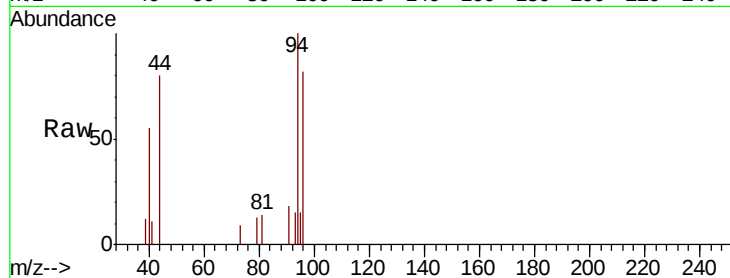
SSI-21-TW-2

Tot Ion: 94 Resp: 2146

Ion Ratio Lower Upper

94 100

96 81.8 71.9 107.9



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

1.30

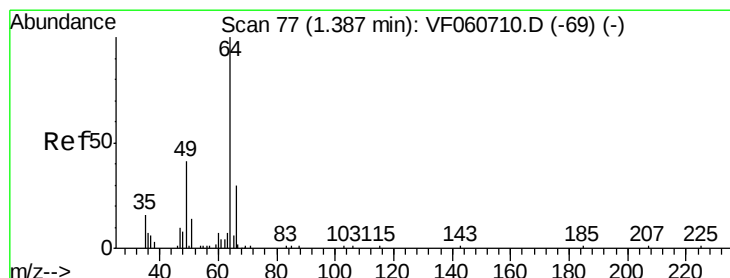
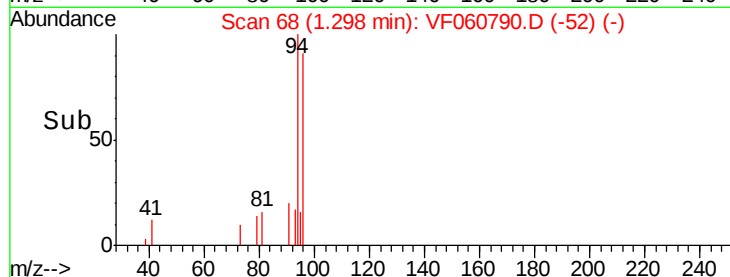
1000

500

0

Time-->

1.25 1.30 1.35



#6

Chloroethane

Concen: 80.623 ug/l

RT: 1.36 min Scan# 74

Delta R.T. -0.03 min

Lab File: VF060790.D

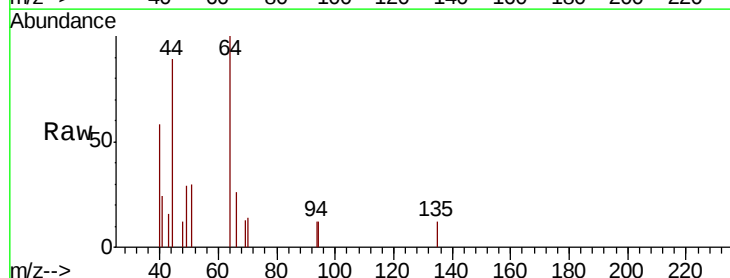
Acq: 19 Nov 2018 21:56

Tgt Ion: 64 Resp: 1762

Ion Ratio Lower Upper

64 100

66 25.9 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

1000

800

600

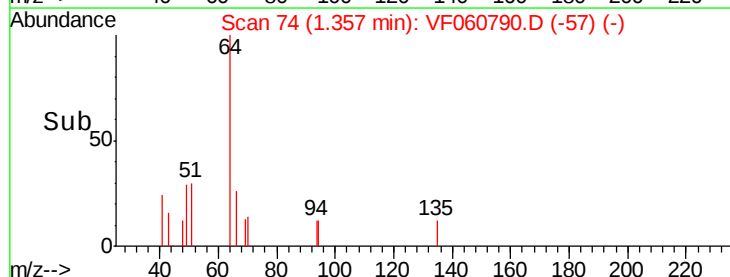
400

200

0

Time-->

1.30 1.35 1.40



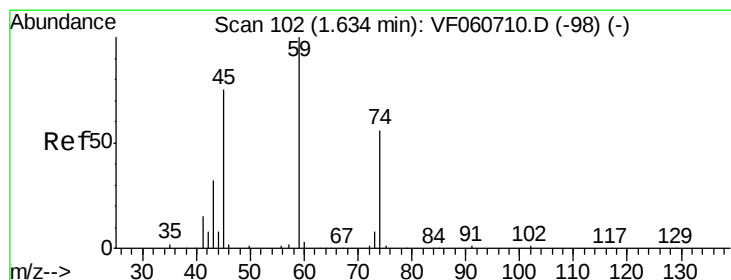
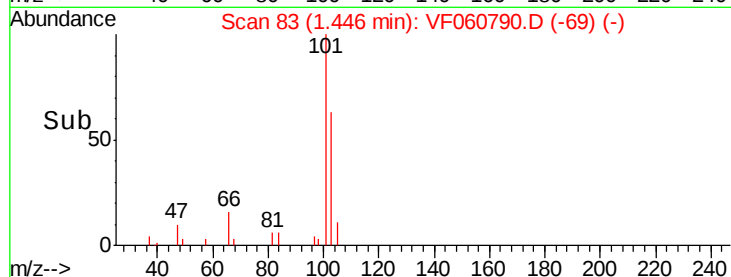
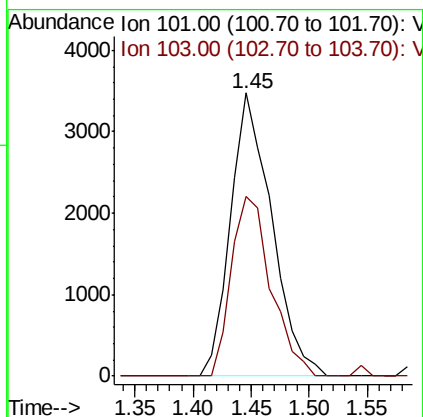
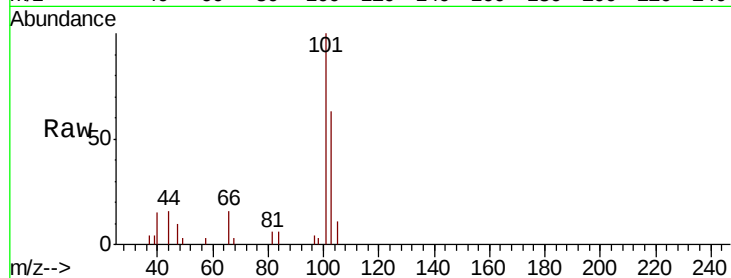


#7

Trichlorofluoromethane
 Concen: 69.032 ug/l
 RT: 1.45 min Scan# 83
 Delta R.T. -0.06 min
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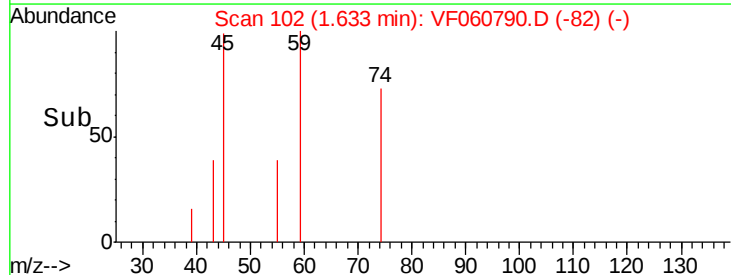
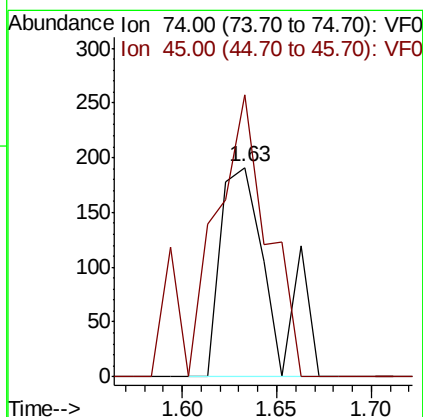
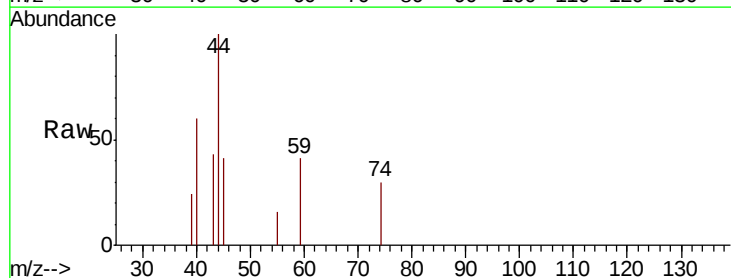
Tot Ion:101 Resp: 8527
 Ion Ratio Lower Upper
 101 100
 103 63.3 53.1 79.7

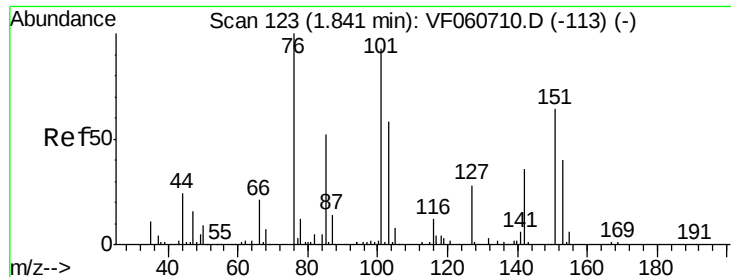


#8

Diethyl Ether
 Concen: 22.241 ug/l
 RT: 1.63 min Scan# 102
 Delta R.T. -0.00 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Tgt Ion: 74 Resp: 352
 Ion Ratio Lower Upper
 74 100
 45 135.1 67.7 203.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 81.396 ug/l

RT: 1.81 min Scan# 120

Delta R.T. -0.03 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

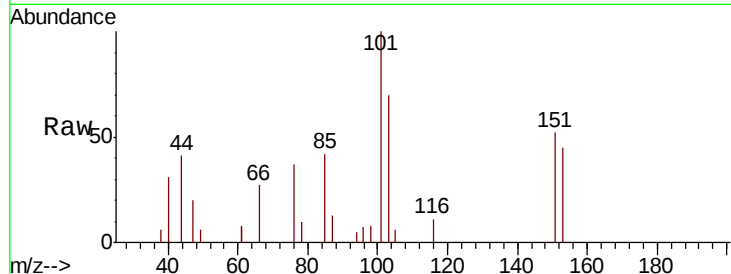
Tot Ion:101 Resp: 4738

Ion Ratio Lower Upper

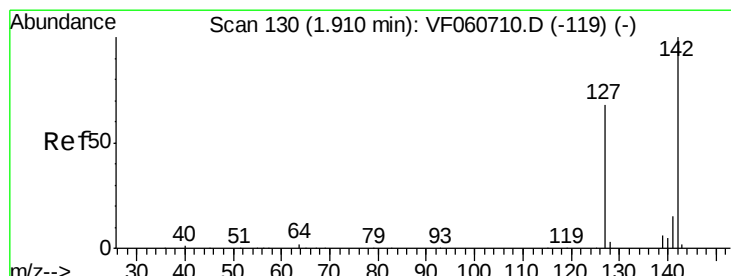
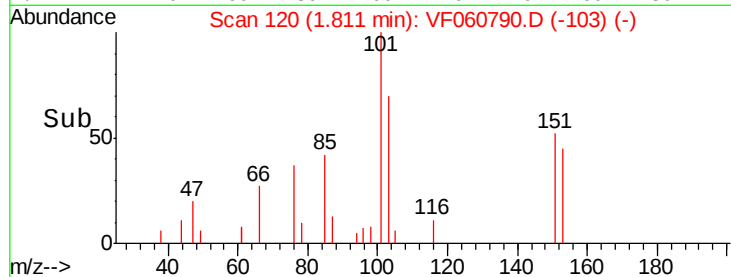
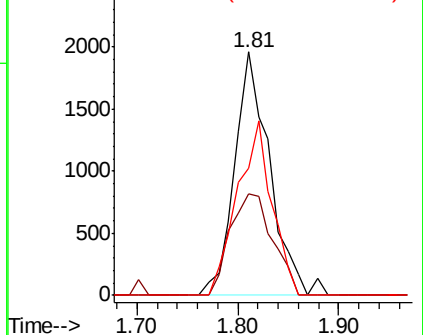
101 100

85 41.6 43.6 65.4#

151 52.0 53.1 79.7#



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: 44.692 ug/l

RT: 1.87 min Scan# 126

Delta R.T. -0.04 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

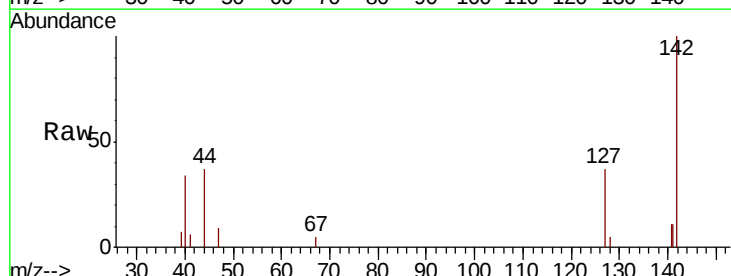
Tgt Ion:142 Resp: 4174

Ion Ratio Lower Upper

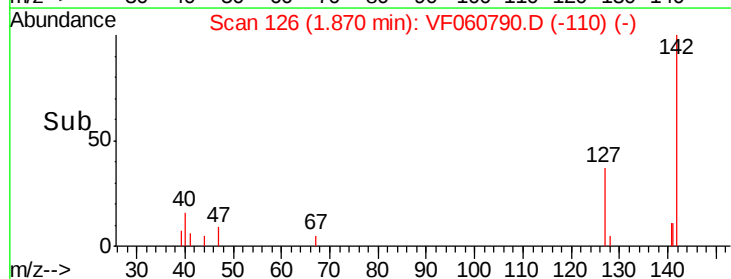
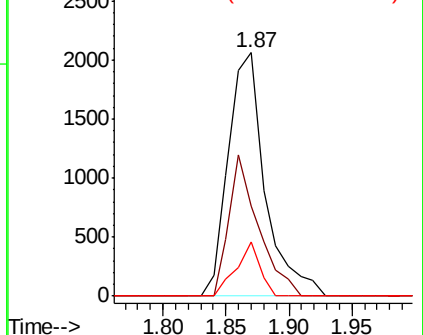
142 100

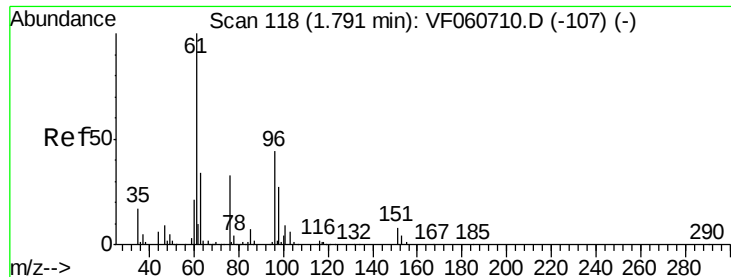
127 36.9 54.0 81.0#

141 22.2 12.3 18.5#



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

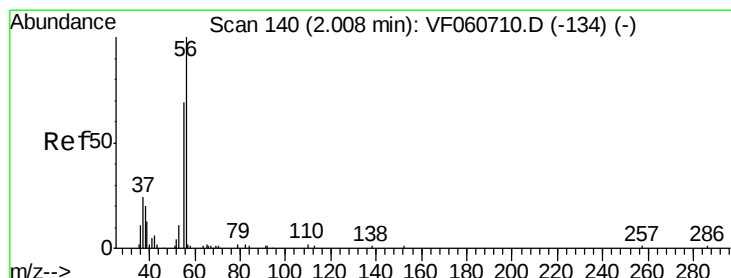
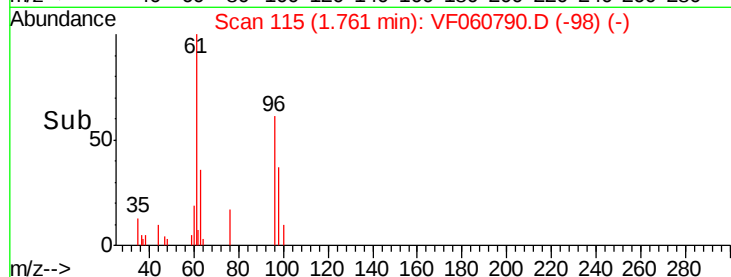
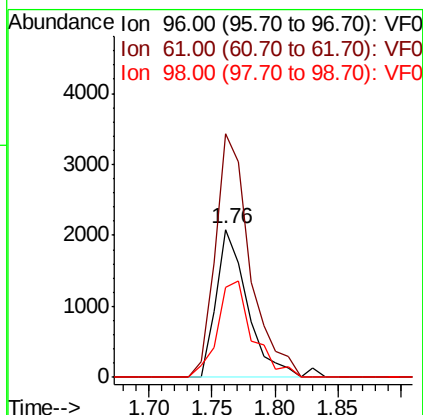
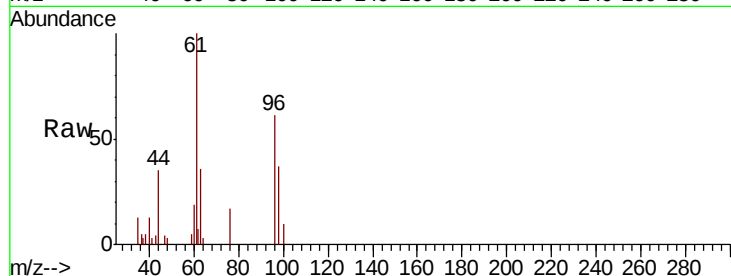




#12
 1,1-Dichloroethene
 Concen: 79.457 ug/l
 RT: 1.76 min Scan# 115
 Delta R.T. -0.03 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

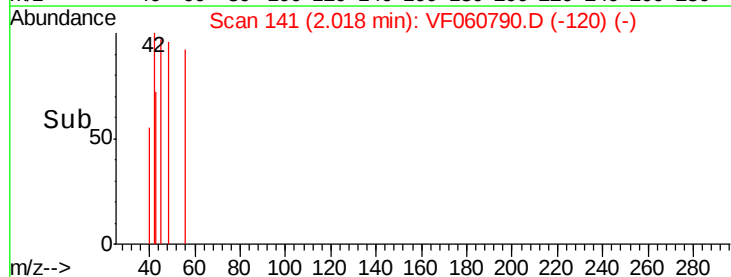
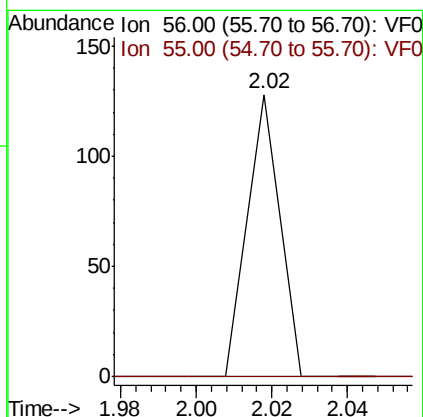
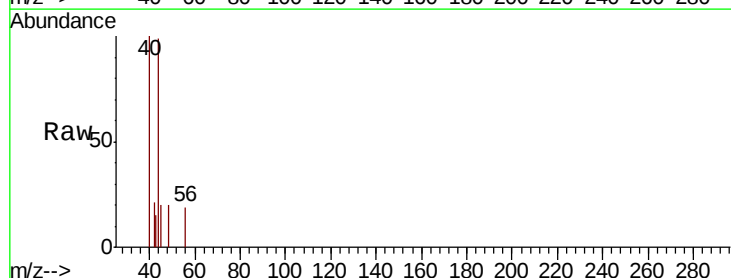
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

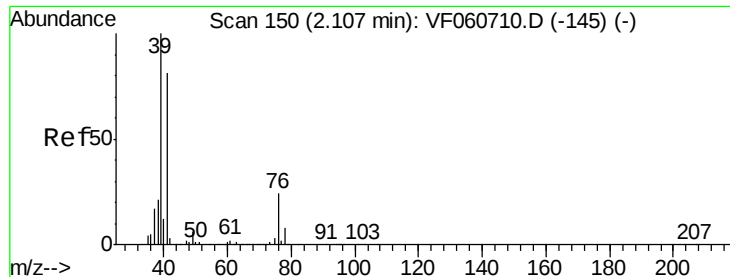
Tot Ion: 96 Resp: 3647
 Ion Ratio Lower Upper
 96 100
 61 164.7 182.2 273.2#
 98 60.6 49.2 73.8



#13
 Acrolein
 Concen: 28.461 ug/l
 RT: 2.02 min Scan# 141
 Delta R.T. 0.01 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Tgt Ion: 56 Resp: 76
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.6 85.0#





#14

Allvl chloride

Concen: 42.918 ug/l

RT: 2.11 min Scan# 150

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

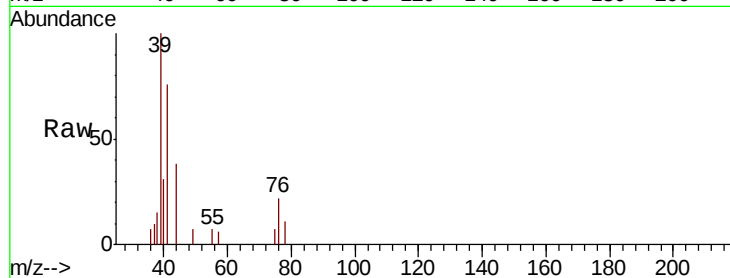
MSVOA_F

ClientSampleId :

SSI-21-TW-2

Tot Ion: 41 Resp: 3451

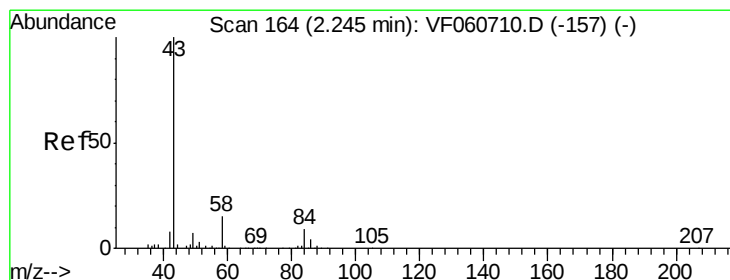
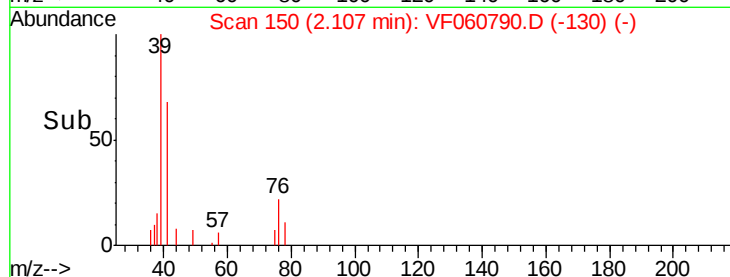
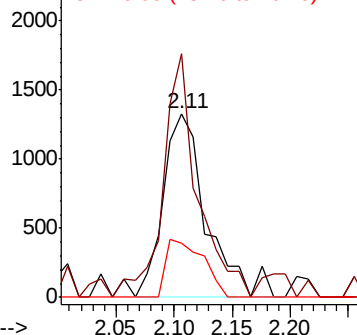
Ion	Ratio	Lower	Upper
41	100		
39	132.3	98.5	147.7
76	29.5	24.5	36.7



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0



#16

Acetone

Concen: 59.200 ug/l

RT: 2.26 min Scan# 166

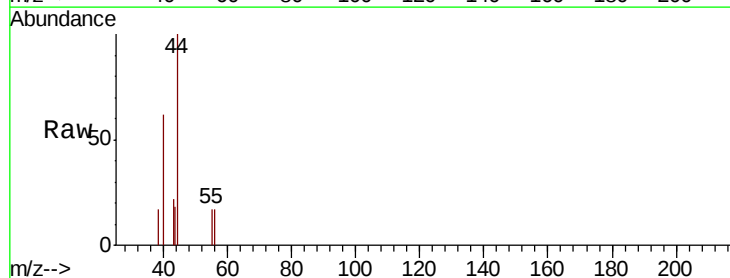
Delta R.T. 0.02 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

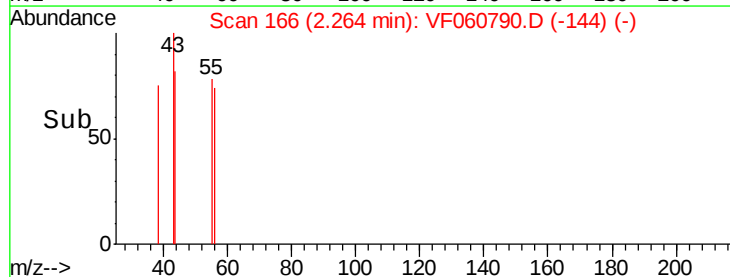
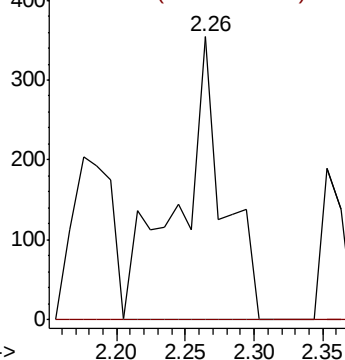
Tgt Ion: 43 Resp: 812

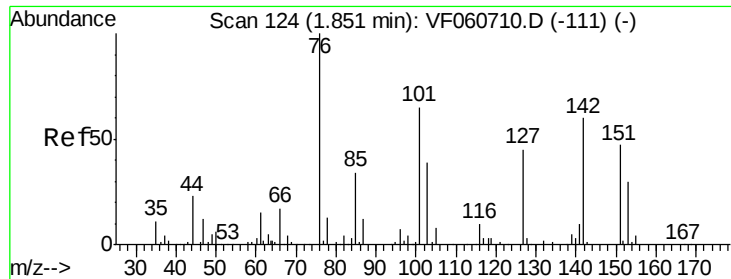
Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.6	17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

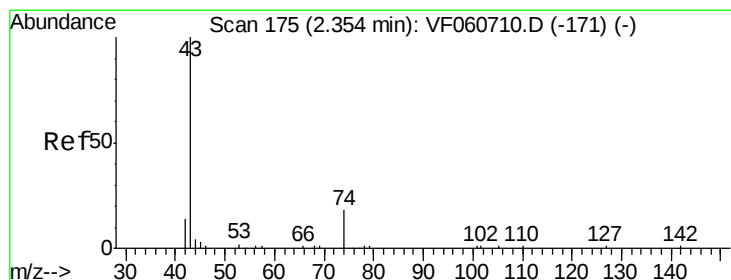
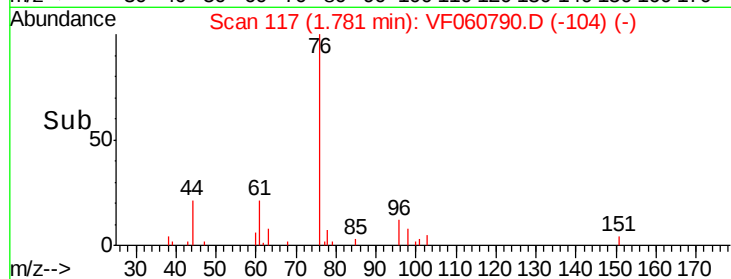
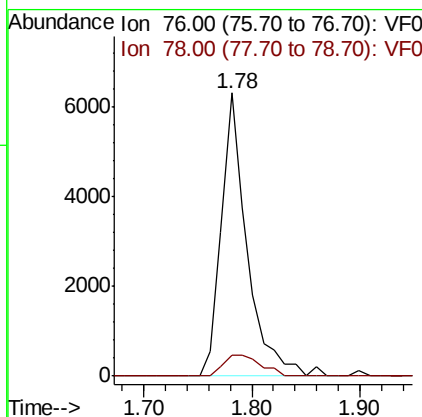
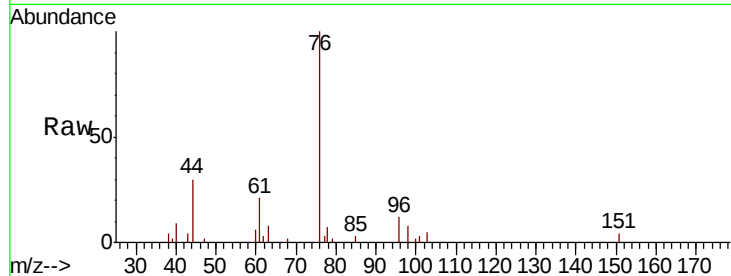




#17
Carbon Disulfide
Concen: 75.488 ug/l
RT: 1.78 min Scan# 117
Delta R.T. -0.07 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

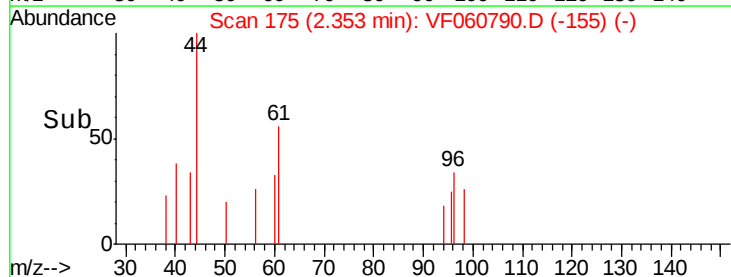
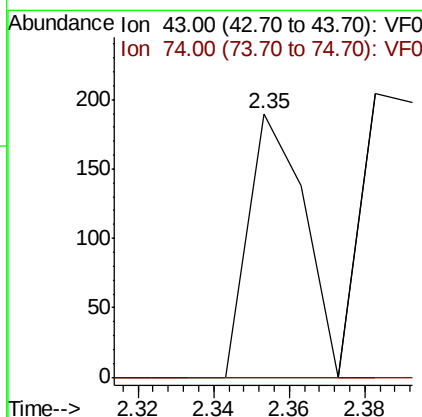
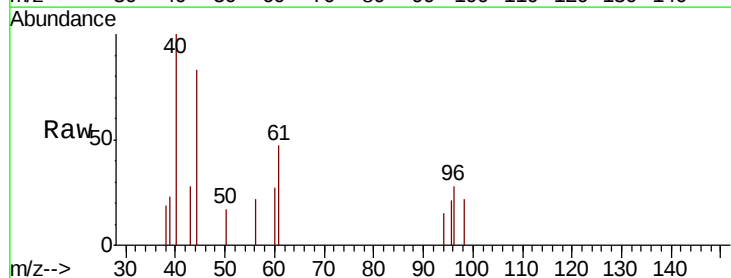
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

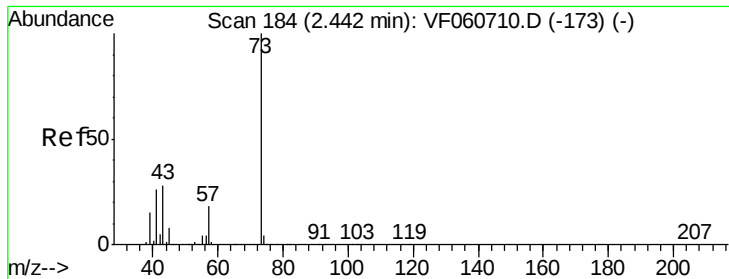
Tot Ion: 76 Resp: 10472
Ion Ratio Lower Upper
76 100
78 7.3 10.5 15.7#



#18
Methyl Acetate
Concen: 8.614 ug/l
RT: 2.35 min Scan# 175
Delta R.T. -0.00 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

Tgt Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
74 0.0 11.8 17.8#



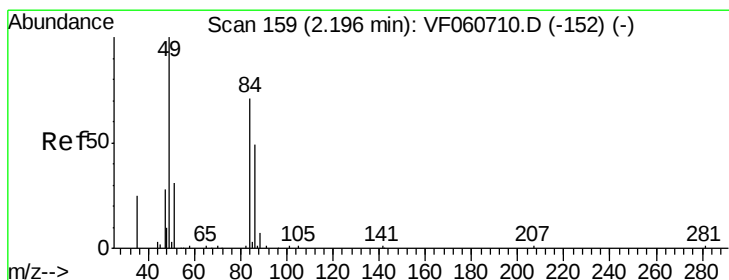
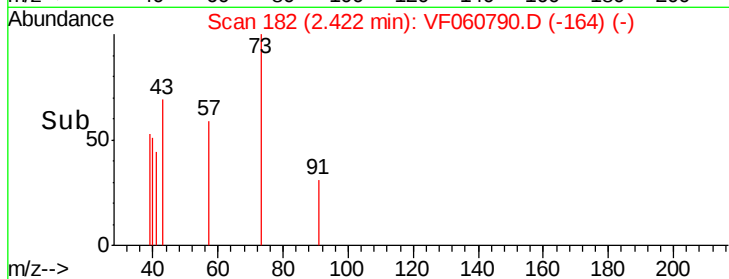
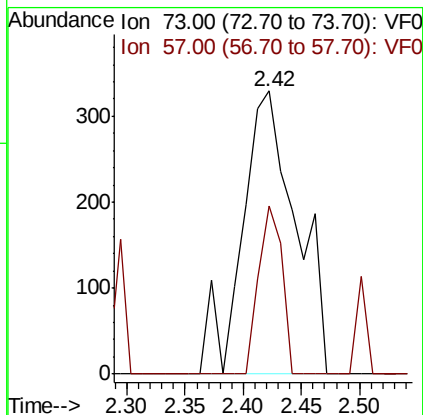
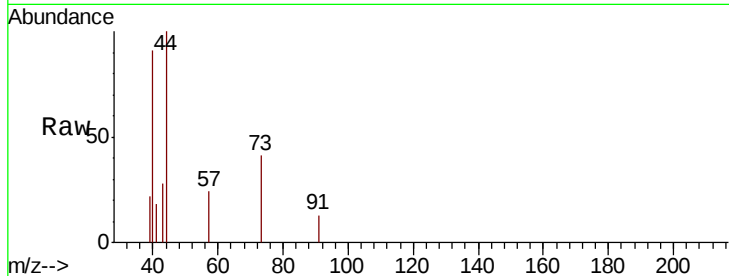


#19

Methyl tert-butyl Ether
 Concen: 9.617 ug/l
 RT: 2.42 min Scan# 182
 Delta R.T. -0.02 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

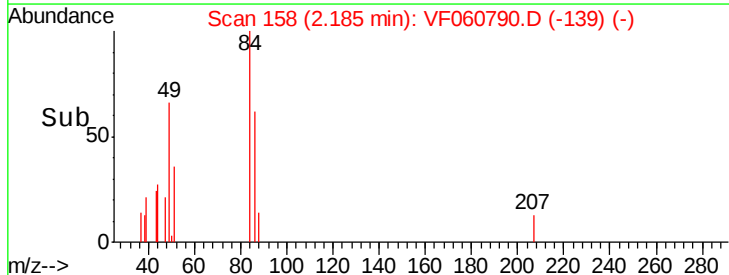
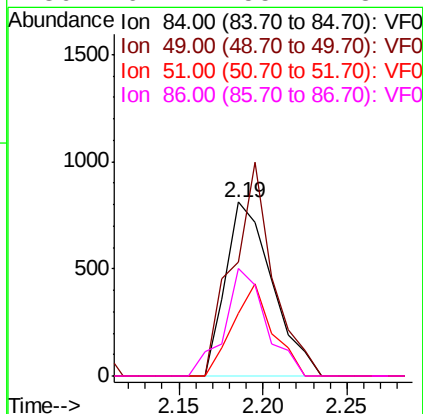
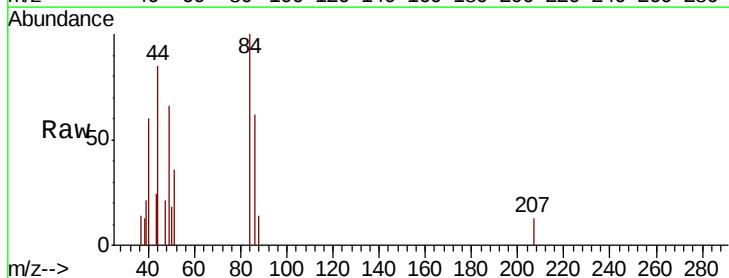
Tot Ion: 73 Resp: 1059
 Ion Ratio Lower Upper
 73 100
 57 59.3 14.3 21.5#

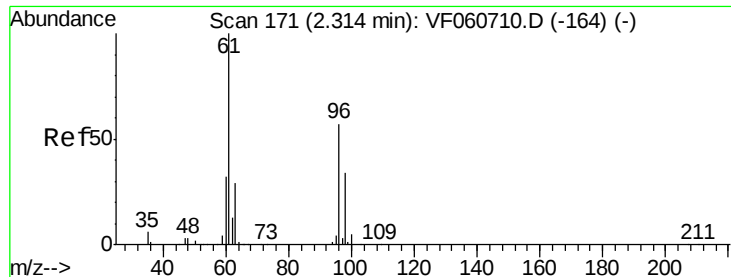


#20

Methylene Chloride
 Concen: 33.334 ug/l
 RT: 2.19 min Scan# 158
 Delta R.T. -0.01 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Tgt Ion: 84 Resp: 1563
 Ion Ratio Lower Upper
 84 100
 49 65.9 120.2 180.4#
 51 36.3 37.2 55.8#
 86 62.1 55.1 82.7





#21

trans-1,2-Dichloroethene

Concen: 56.554 ug/l

RT: 2.32 min Scan# 172

Delta R.T. 0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

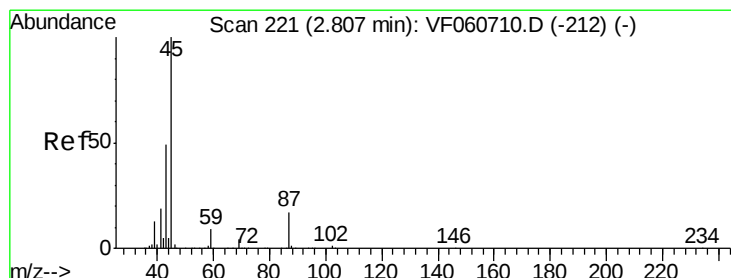
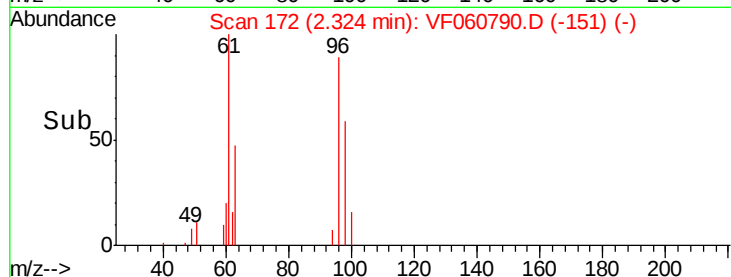
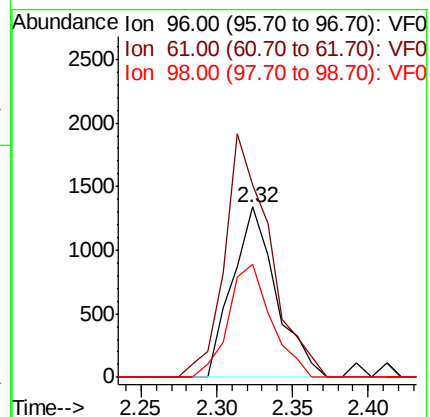
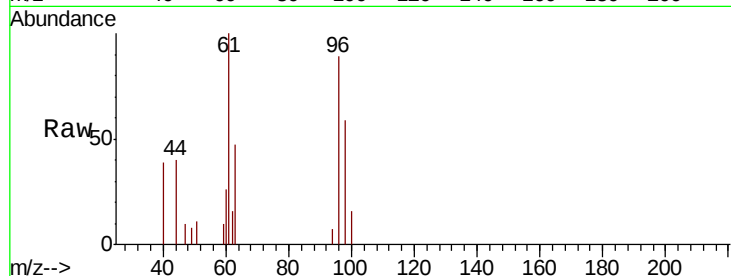
Tot Ion: 96 Resp: 2712

Ion Ratio Lower Upper

96 100

61 112.8 141.6 212.4#

98 66.1 47.4 71.0



#22

Diisopropyl ether

Concen: 19.570 ug/l

RT: 2.78 min Scan# 218

Delta R.T. -0.03 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Tgt Ion: 45 Resp: 3038

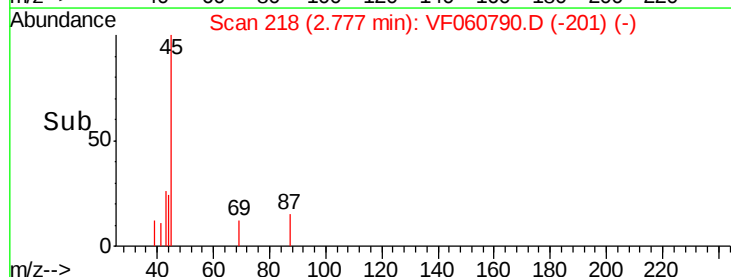
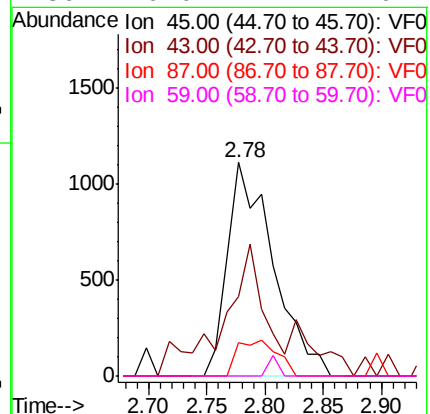
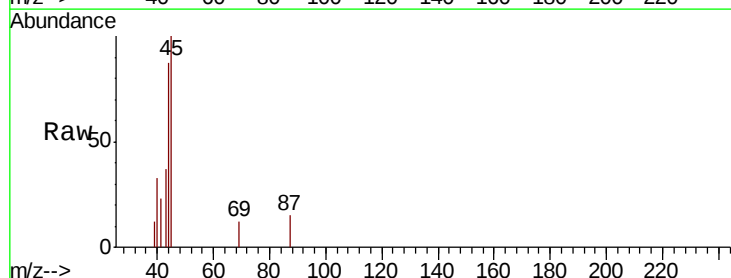
Ion Ratio Lower Upper

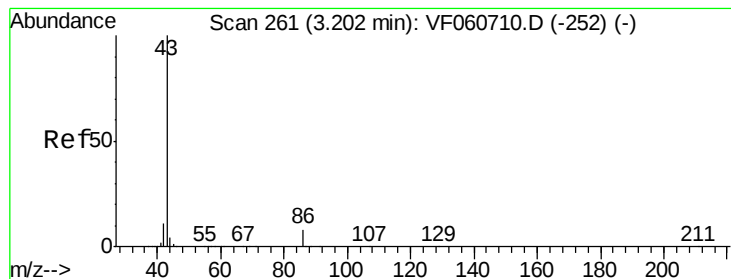
45 100

43 37.3 39.9 59.9#

87 15.4 13.9 20.9

59 0.0 7.1 10.7#





#23

Vinyl Acetate

Concen: 2.900 ug/l

RT: 3.20 min Scan# 261

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

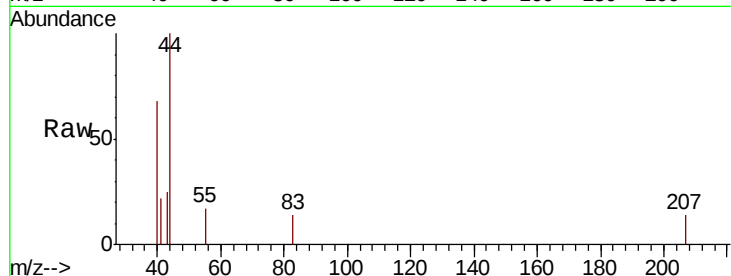
SSI-21-TW-2

Tot Ion: 43 Resp: 212

Ion Ratio Lower Upper

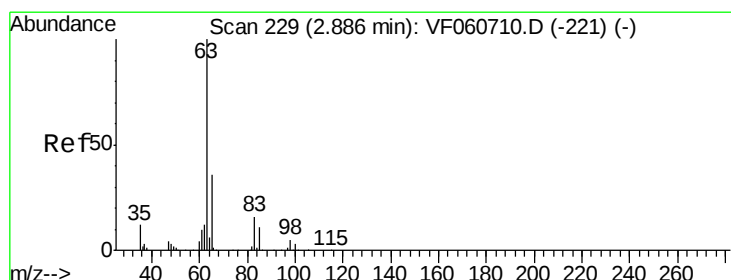
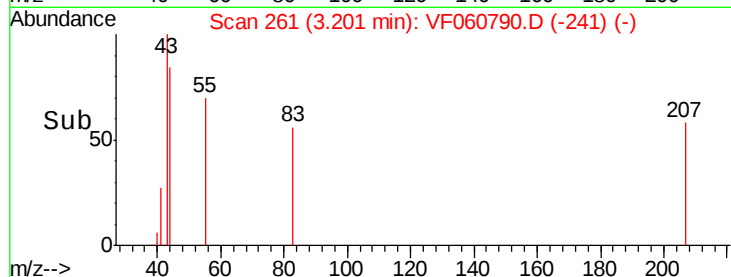
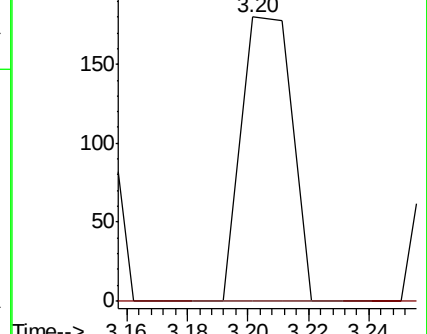
43 100

86 0.0 6.4 9.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 37.814 ug/l

RT: 2.88 min Scan# 228

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

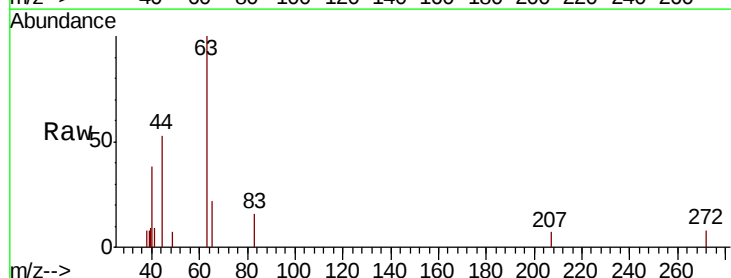
Tgt Ion: 63 Resp: 3554

Ion Ratio Lower Upper

63 100

98 0.0 2.4 7.1#

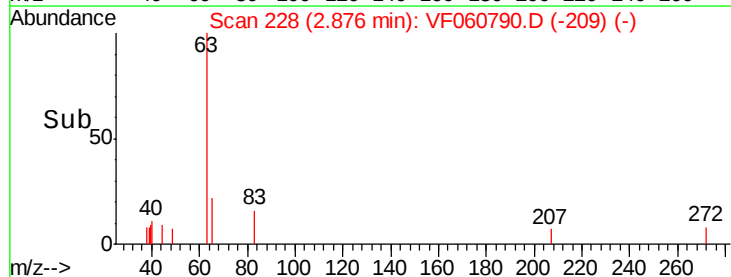
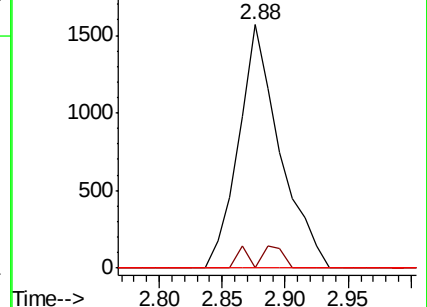
100 0.0 1.4 4.2#

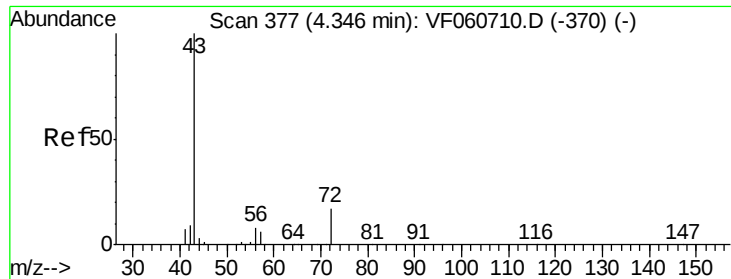


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 6.915 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.03 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampled :

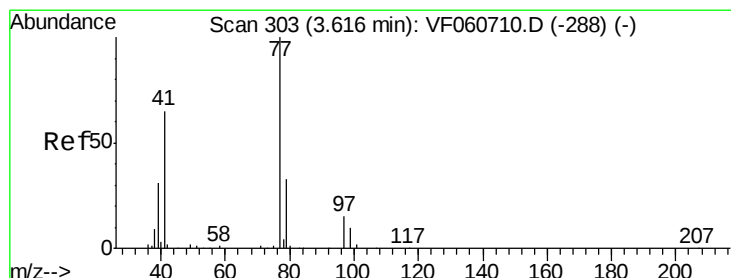
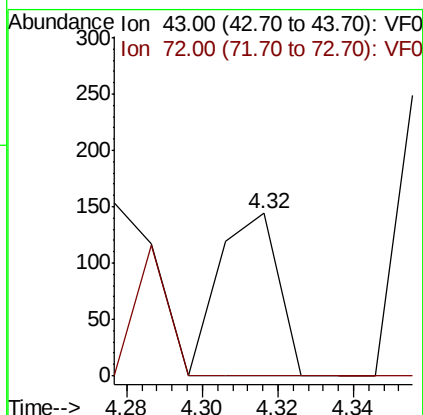
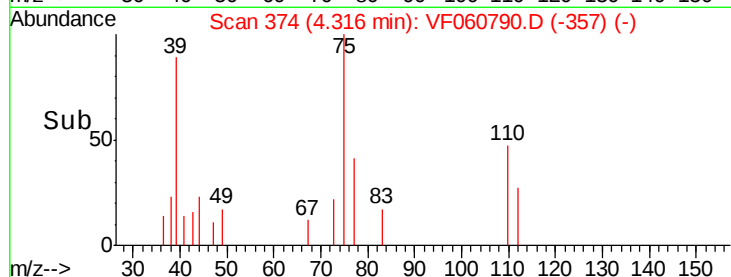
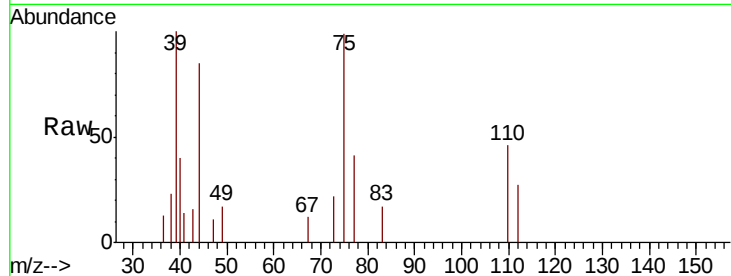
SSI-21-TW-2

Tot Ion: 43 Resp: 156

Ion Ratio Lower Upper

43 100

72 0.0 16.1 24.1#



#26

2,2-Dichloropropane

Concen: 28.083 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.01 min

Lab File: VF060790.D

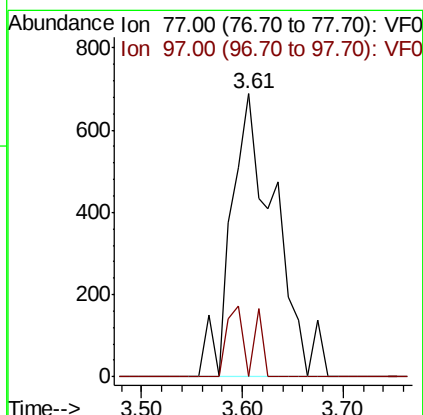
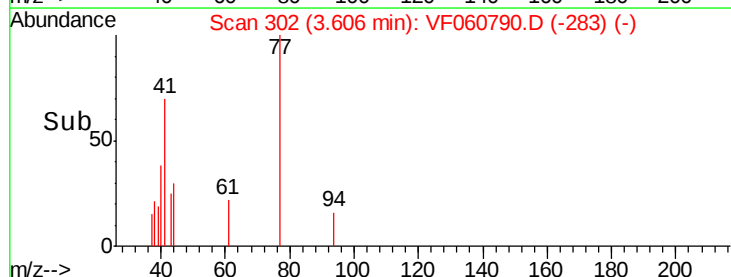
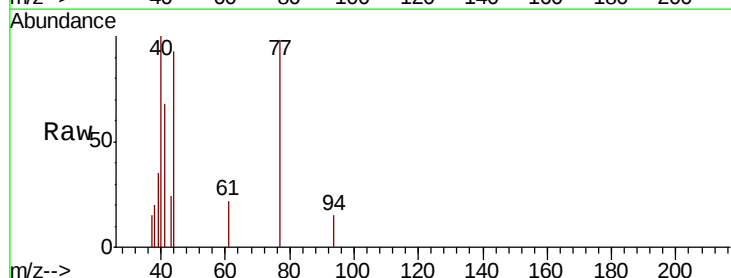
Acq: 19 Nov 2018 21:56

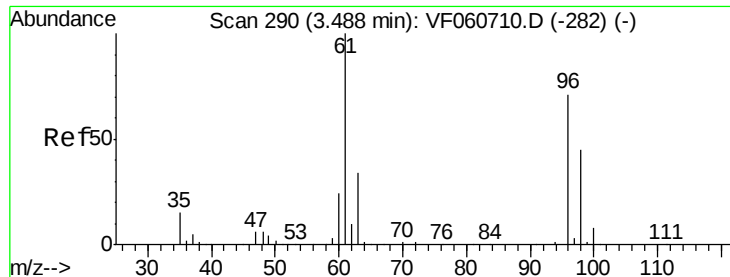
Tgt Ion: 77 Resp: 2077

Ion Ratio Lower Upper

77 100

97 0.0 8.8 26.5#



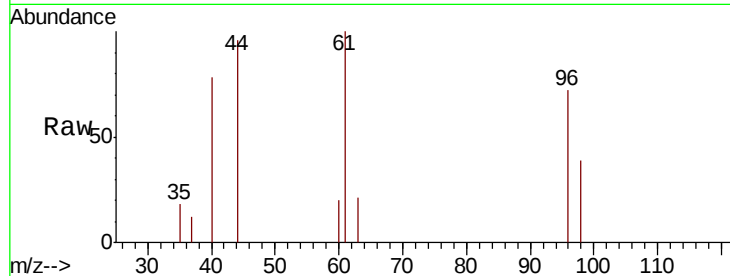


#27

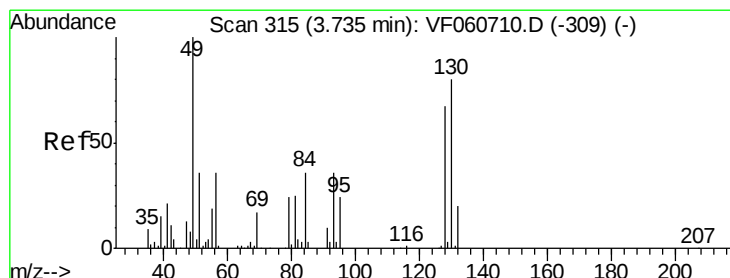
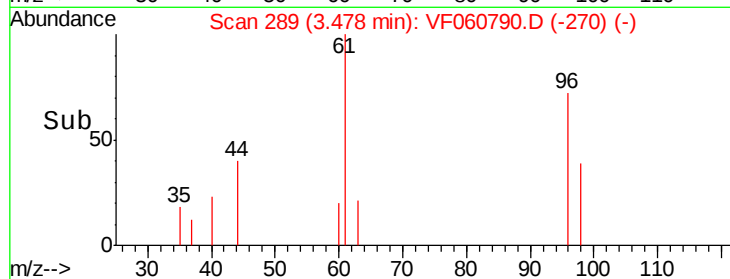
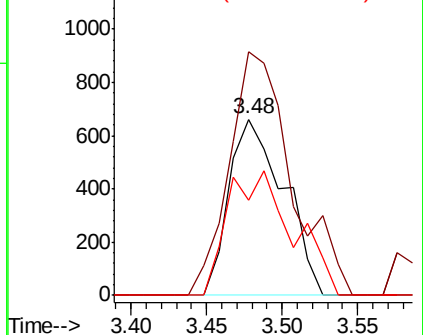
cis-1,2-Dichloroethene
Concen: 20.594 ug/l
RT: 3.48 min Scan# 289
Delta R.T. -0.01 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

Tot Ion: 96 Resp: 1680
Ion Ratio Lower Upper
96 100
61 138.0 0.0 280.6
98 54.1 0.0 127.6



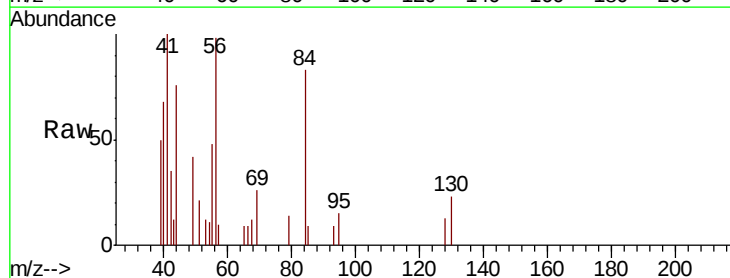
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



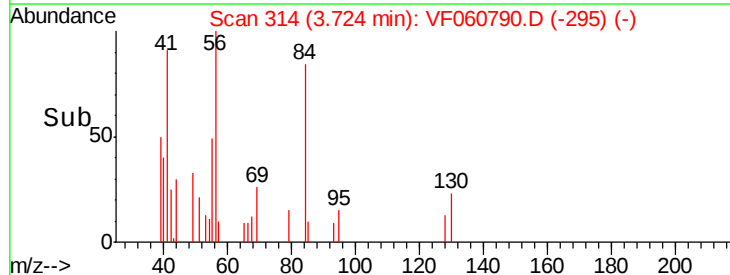
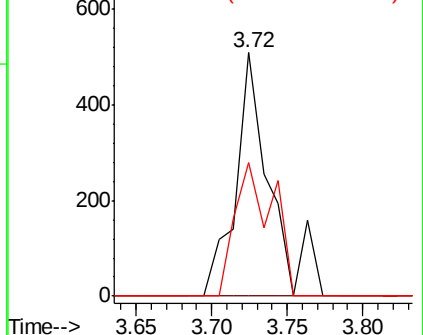
#28

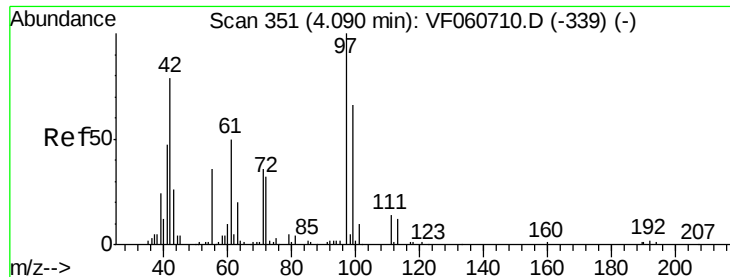
Bromochloromethane
Concen: 16.665 ug/l
RT: 3.72 min Scan# 314
Delta R.T. -0.01 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

Tgt Ion: 49 Resp: 814
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 54.8 63.9 95.9#



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





#29

Tetrahydrofuran

Concen: 20.202 ug/l

RT: 4.07 min Scan# 349

Delta R.T. -0.02 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

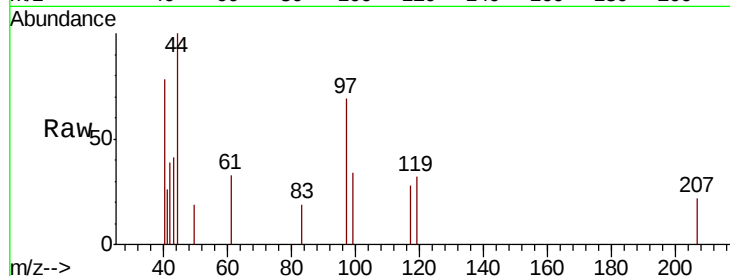
Tot Ion: 42 Resp: 188

Ion Ratio Lower Upper

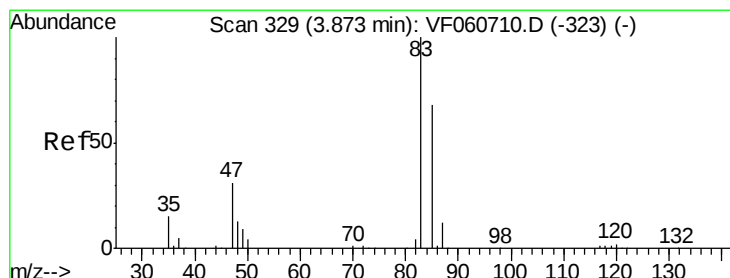
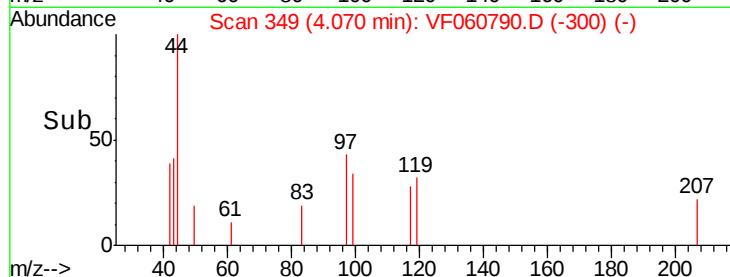
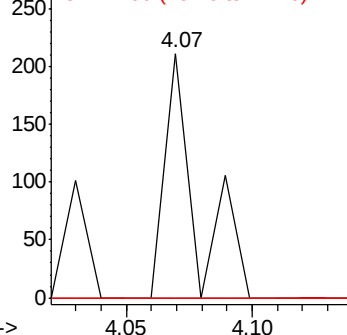
42 100

72 0.0 30.3 45.5#

71 0.0 32.2 48.2#



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: 23.959 ug/l

RT: 3.87 min Scan# 329

Delta R.T. -0.00 min

Lab File: VF060790.D

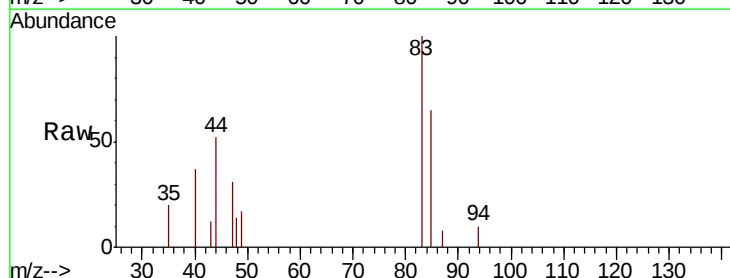
Acq: 19 Nov 2018 21:56

Tgt Ion: 83 Resp: 3613

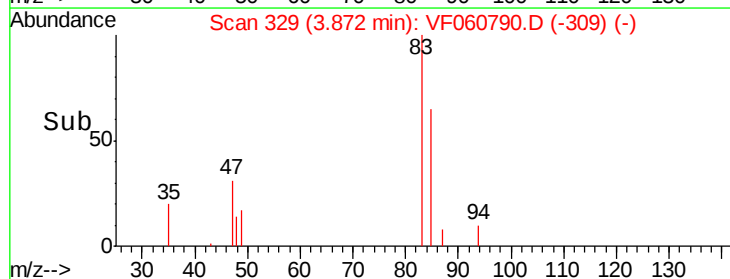
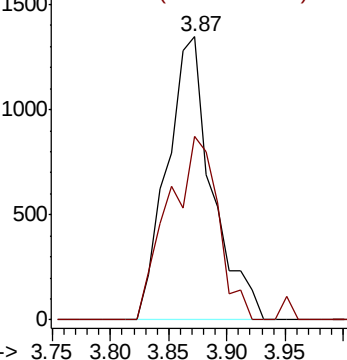
Ion Ratio Lower Upper

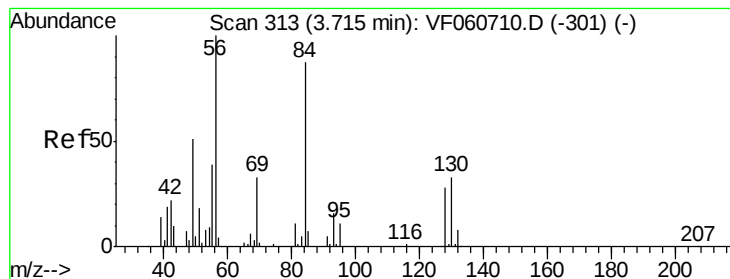
83 100

85 65.0 54.6 82.0



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





#31

Cyclohexane

Concen: 50.741 ug/l

RT: 3.71 min Scan# 313

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

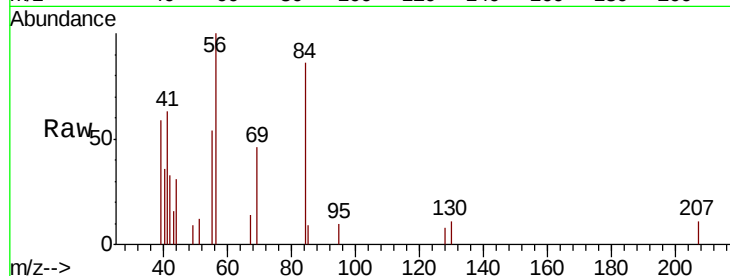
Tot Ion: 56 Resp: 5788

Ion Ratio Lower Upper

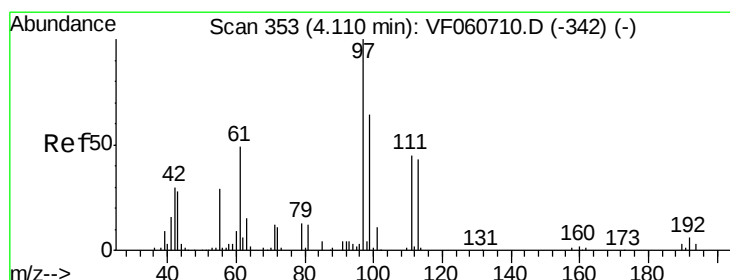
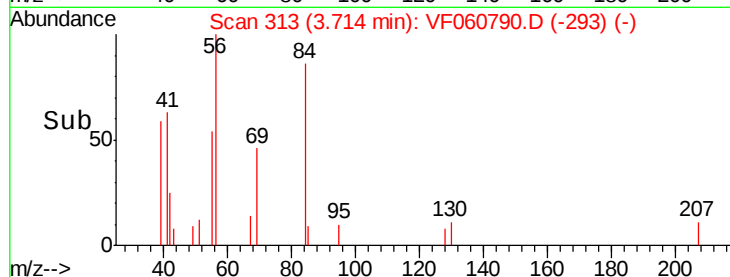
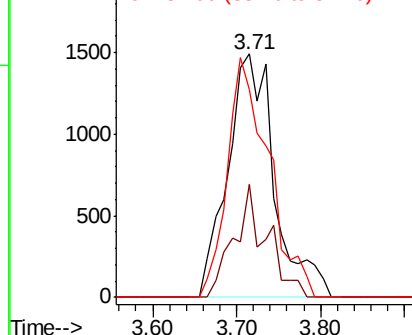
56 100

69 46.2 26.0 39.0#

84 85.5 69.4 104.2



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: 45.187 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

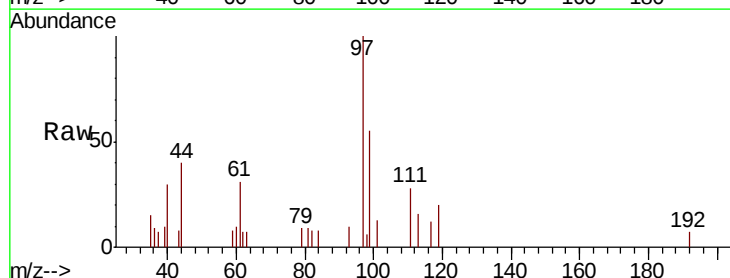
Tgt Ion: 97 Resp: 5366

Ion Ratio Lower Upper

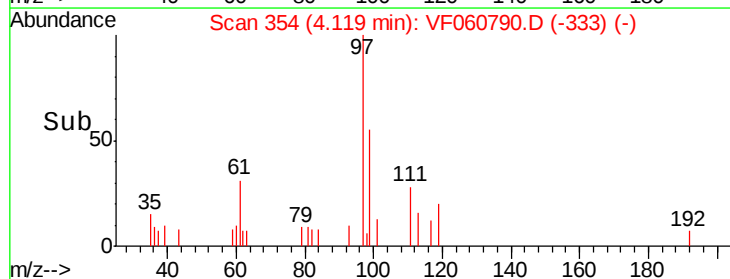
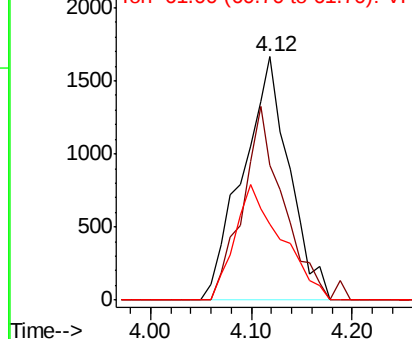
97 100

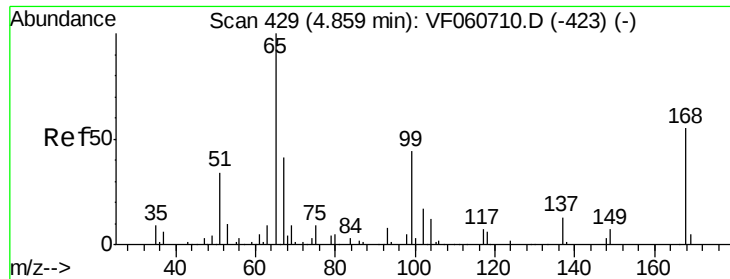
99 55.3 51.1 76.7

61 31.3 40.1 60.1#



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

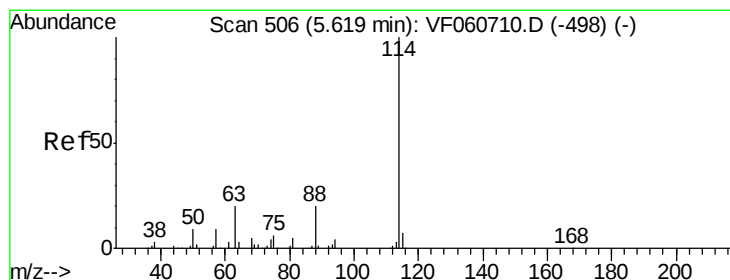
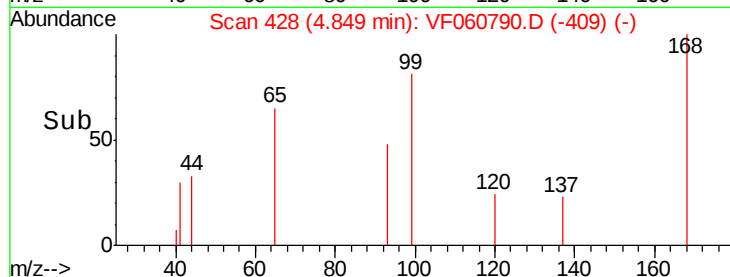
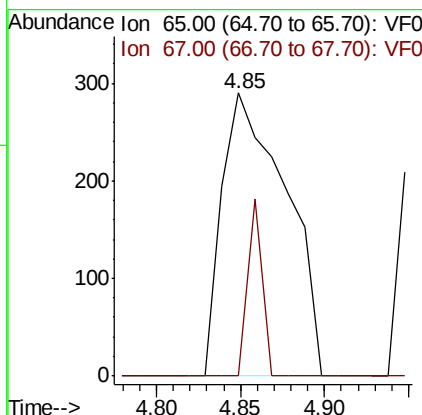
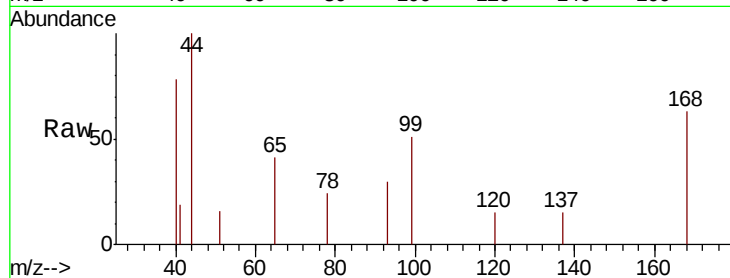




#33
 1,2-Dichloroethane-d4
 Concen: 11.921 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

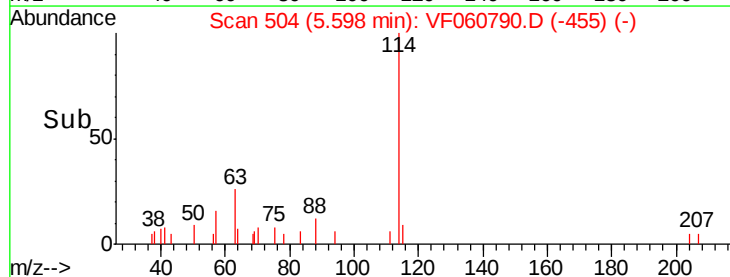
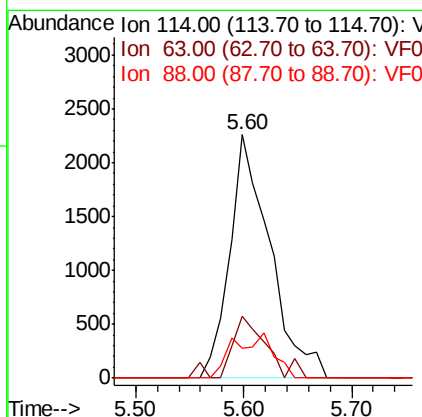
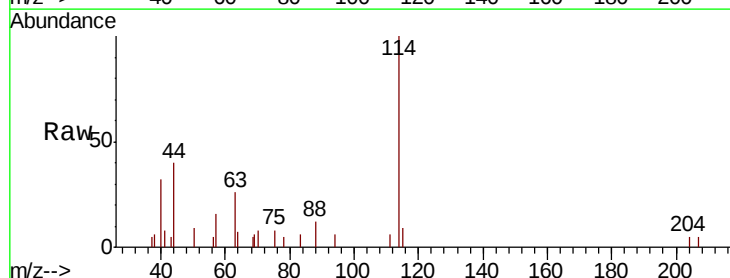
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

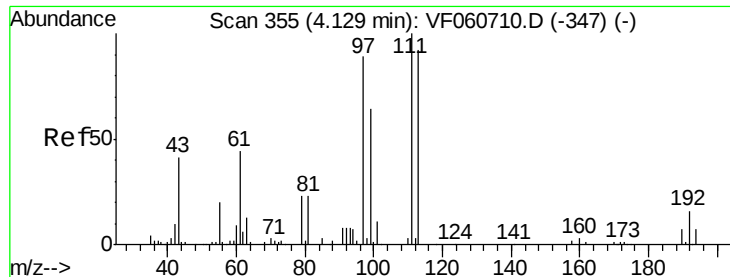
Tot Ion: 65 Resp: 765
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 90.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Tgt Ion: 114 Resp: 5864
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 40.8
 88 12.3 0.0 39.6

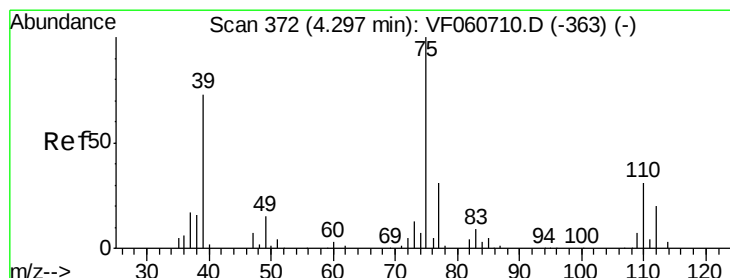
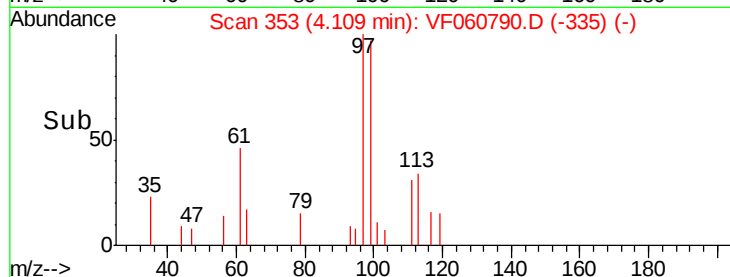
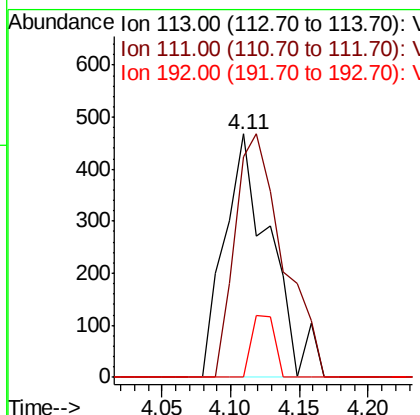
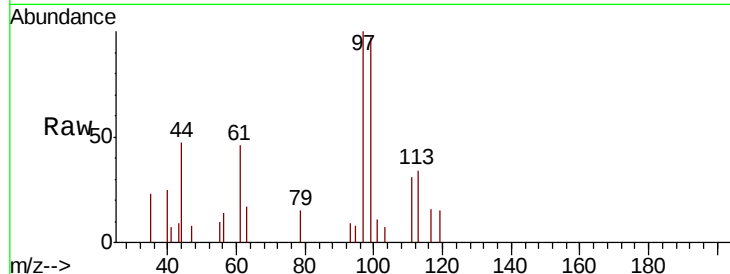




#35
 Dibromofluoromethane
 Concen: 24.592 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

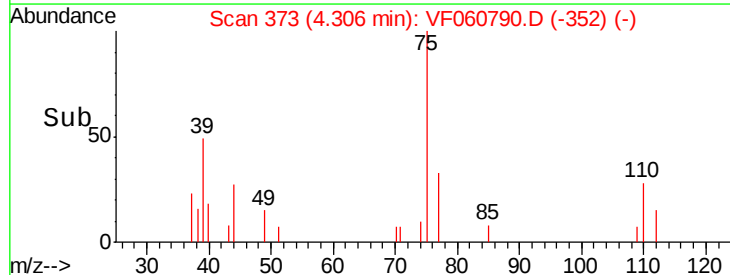
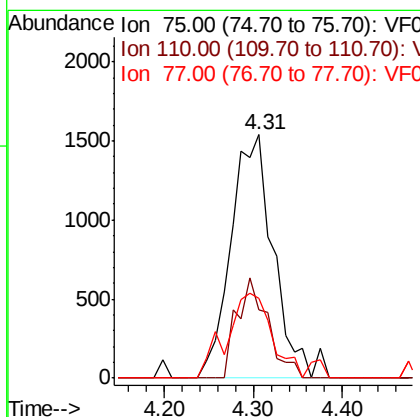
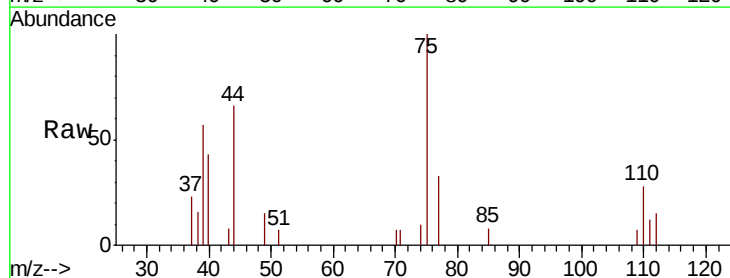
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

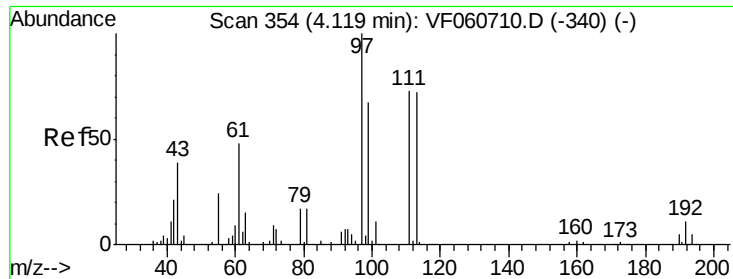
Tot Ion:113 Resp: 1084
 Ion Ratio Lower Upper
 113 100
 111 90.4 87.1 130.7
 192 0.0 13.8 20.6#



#36
 1,1-Dichloropropene
 Concen: 75.829 ug/l
 RT: 4.31 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Tgt Ion: 75 Resp: 5157
 Ion Ratio Lower Upper
 75 100
 110 28.1 15.6 46.8
 77 32.5 25.0 37.6

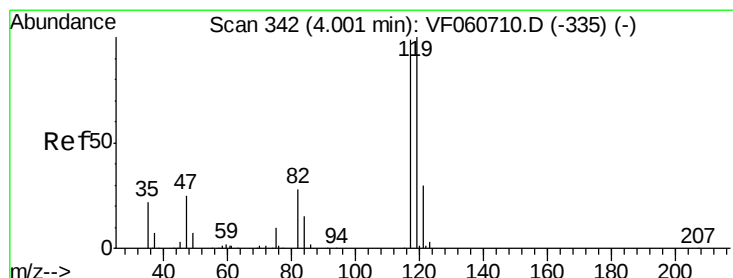
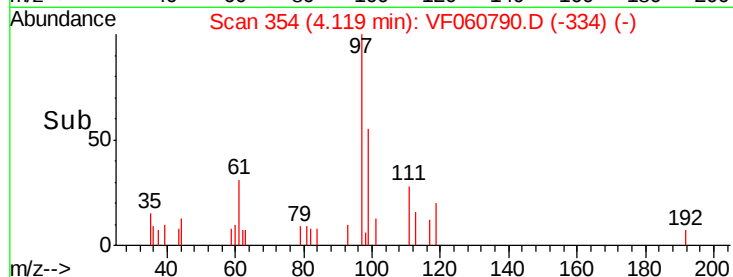
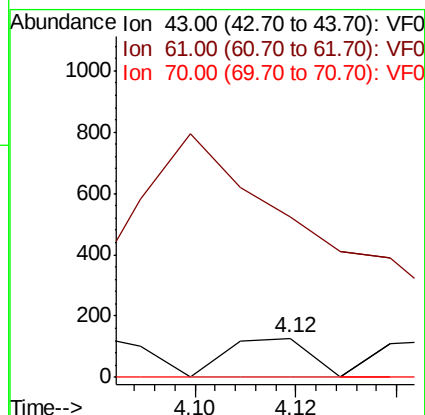
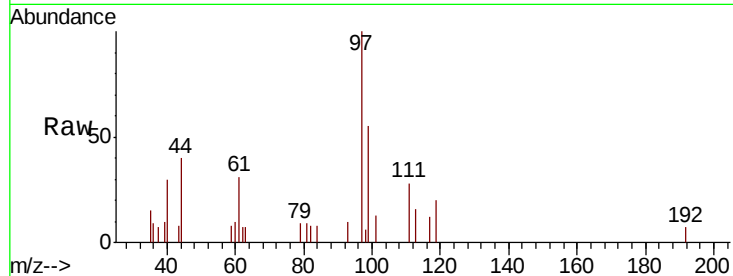




#37
Ethyl Acetate
Concen: 5.774 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

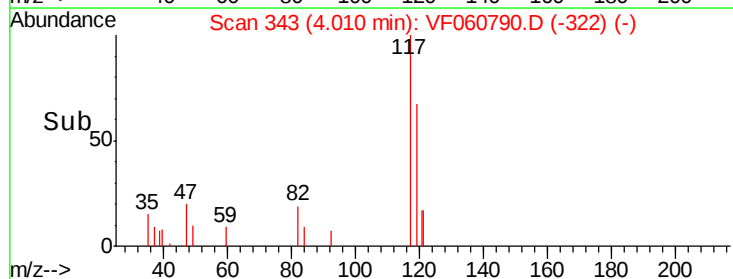
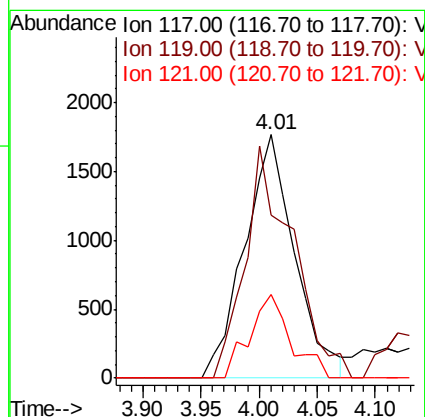
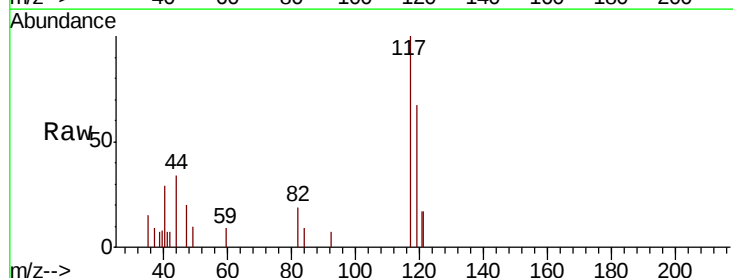
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

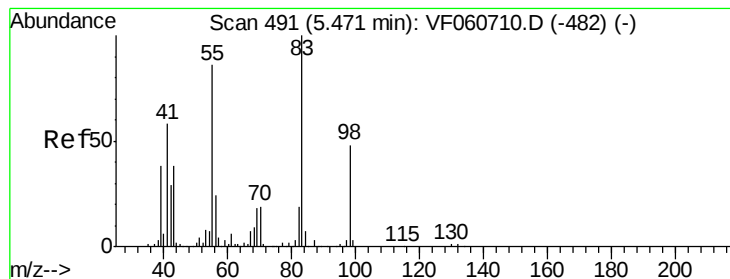
Tot Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
61 407.8 98.5 147.7#
70 0.0 7.4 11.0#



#38
Carbon Tetrachloride
Concen: 80.195 ug/l
RT: 4.01 min Scan# 343
Delta R.T. 0.01 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

Tgt Ion: 117 Resp: 5292
Ion Ratio Lower Upper
117 100
119 66.8 80.7 121.1#
121 34.5 24.3 36.5





#39

Methvlcvclohexane

Concen: 61.192 ug/l

RT: 5.47 min Scan# 491

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

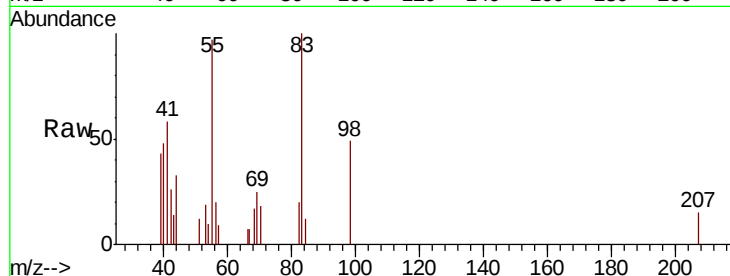
Tot Ion: 83 Resp: 4828

Ion Ratio Lower Upper

83 100

55 97.3 69.0 103.4

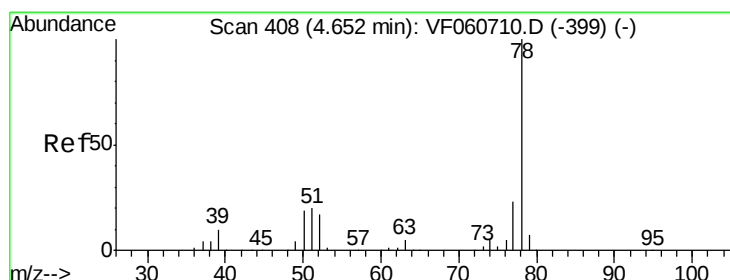
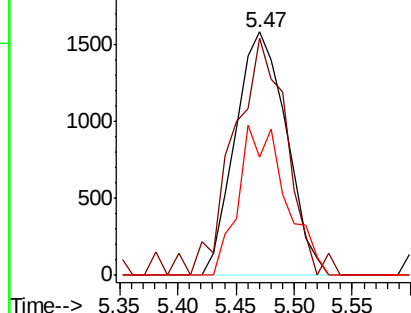
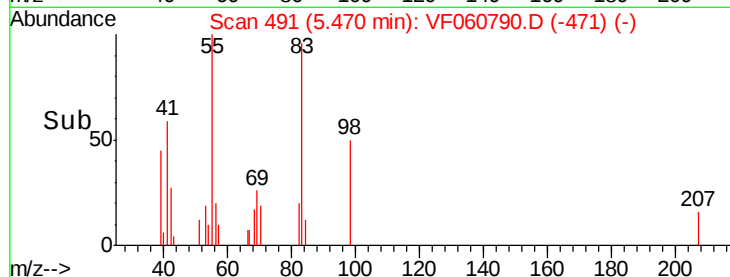
98 48.7 38.5 57.7



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#40

Benzene

Concen: 48.351 ug/l

RT: 4.64 min Scan# 407

Delta R.T. -0.01 min

Lab File: VF060790.D

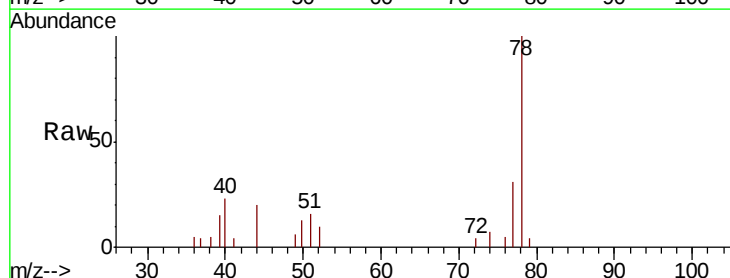
Acq: 19 Nov 2018 21:56

Tgt Ion: 78 Resp: 7330

Ion Ratio Lower Upper

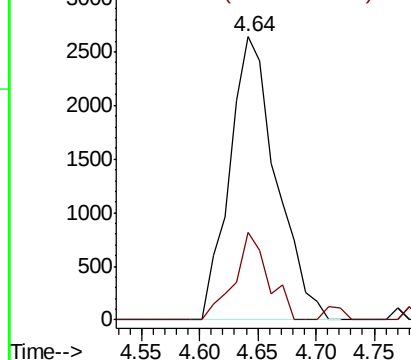
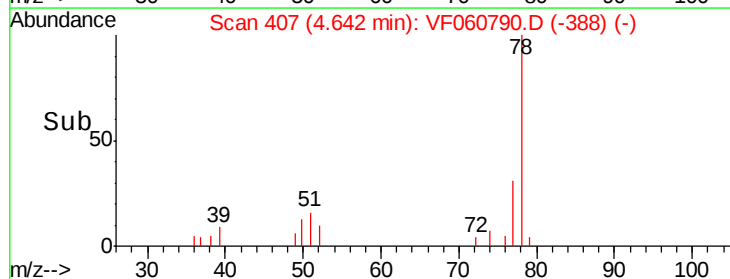
78 100

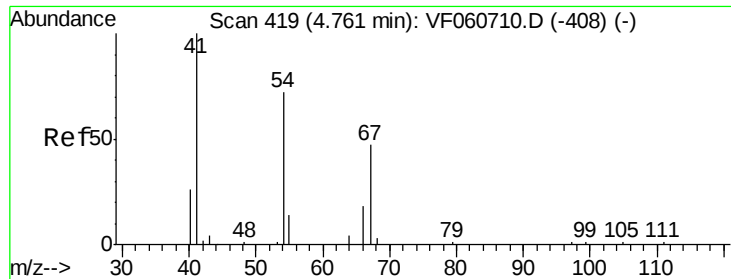
77 31.0 18.6 28.0#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0





#41

Methacrylonitrile

Concen: 11.665 ug/l

RT: 4.74 min Scan# 417

Delta R.T. -0.02 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

Tot Ion: 41 Resp: 202

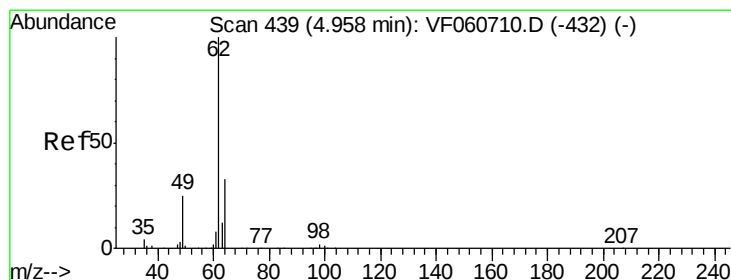
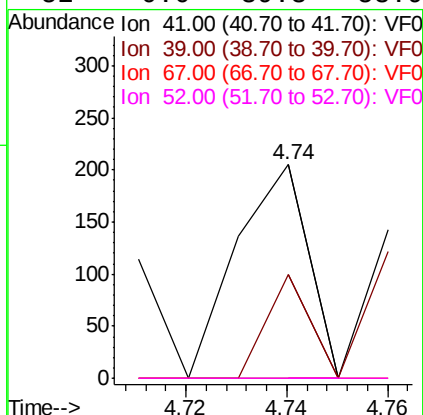
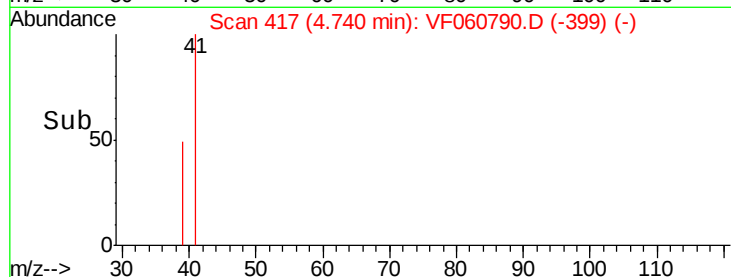
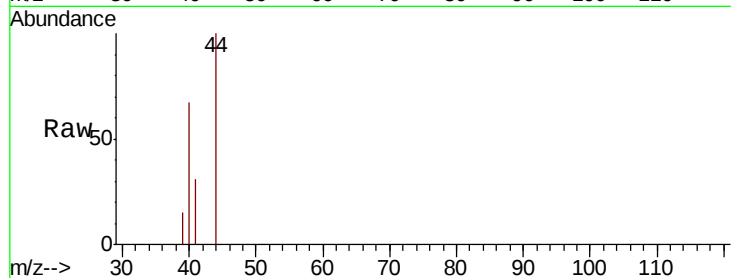
Ion Ratio Lower Upper

41 100

39 48.8 47.1 70.7

67 0.0 37.1 55.7#

52 0.0 39.3 58.9#



#42

1,2-Dichloroethane

Concen: 14.106 ug/l

RT: 4.96 min Scan# 439

Delta R.T. -0.00 min

Lab File: VF060790.D

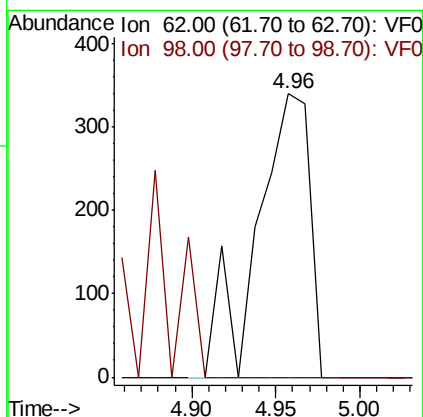
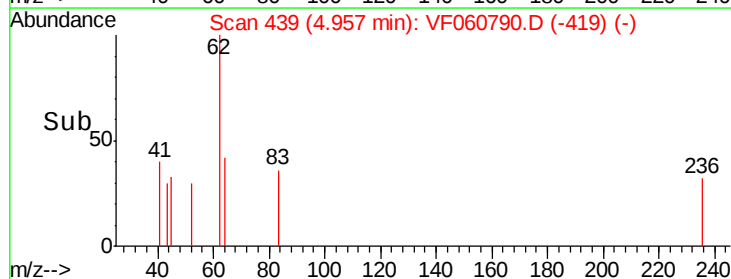
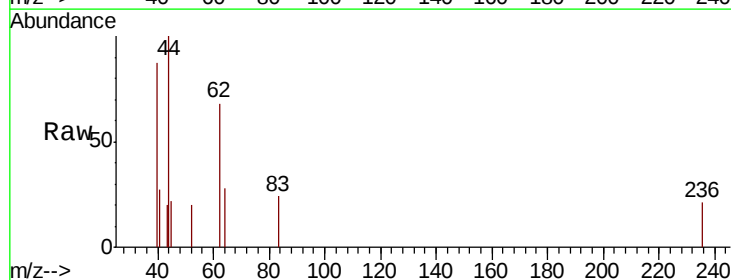
Acq: 19 Nov 2018 21:56

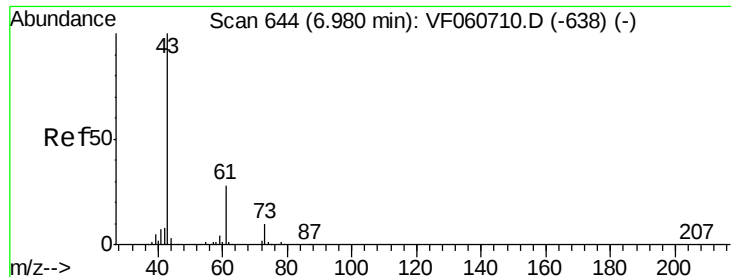
Tgt Ion: 62 Resp: 739

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6





#43

Isopropyl Acetate

Concen: 9.874 ug/l

RT: 6.98 min Scan# 644

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

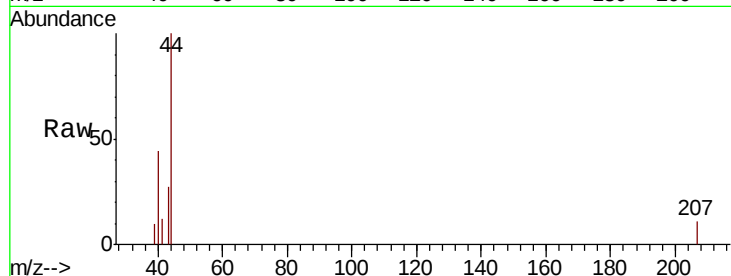
Tot Ion: 43 Resp: 331

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

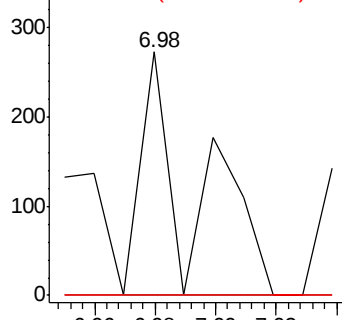
87 0.0 0.4 0.6#



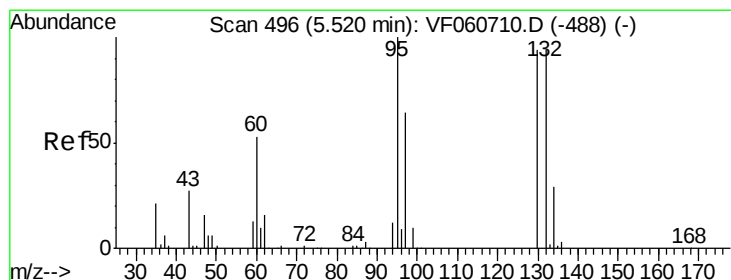
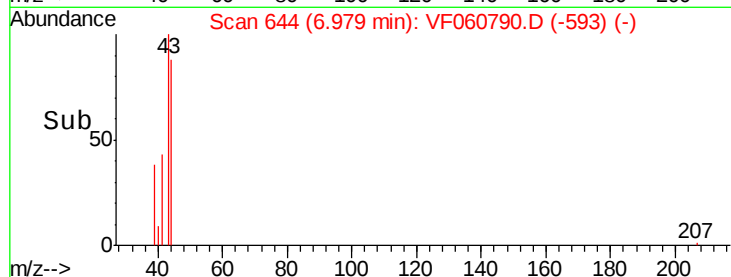
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



Time-->



#44

Trichloroethene

Concen: 62.032 ug/l

RT: 5.52 min Scan# 496

Delta R.T. -0.00 min

Lab File: VF060790.D

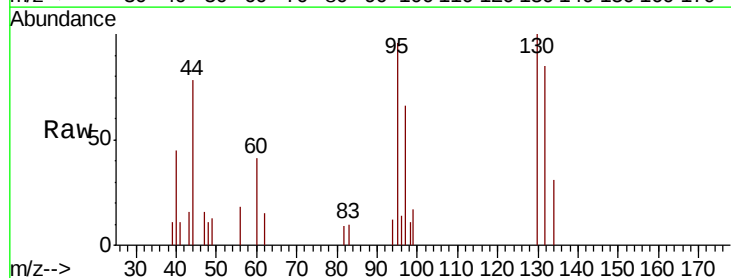
Acq: 19 Nov 2018 21:56

Tgt Ion:130 Resp: 2967

Ion Ratio Lower Upper

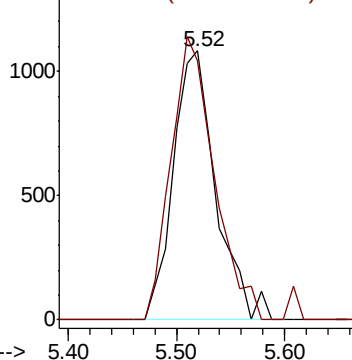
130 100

95 96.2 0.0 212.6

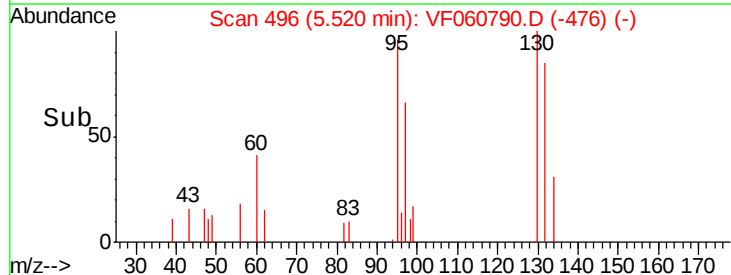


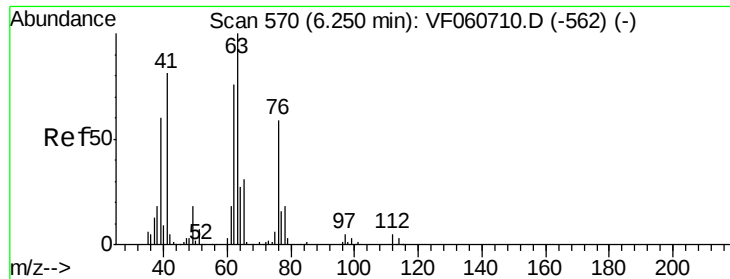
Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0



Time-->





#45

1,2-Dichloropropane

Concen: 33.512 ug/l

RT: 6.26 min Scan# 571

Delta R.T. 0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

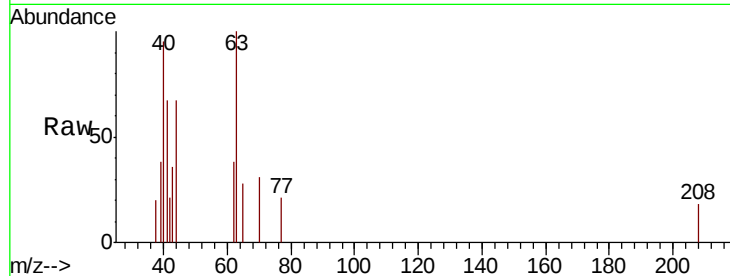
SSI-21-TW-2

Tot Ion: 63 Resp: 1322

Ion Ratio Lower Upper

63 100

65 28.2 24.6 36.8



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.26

600

500

400

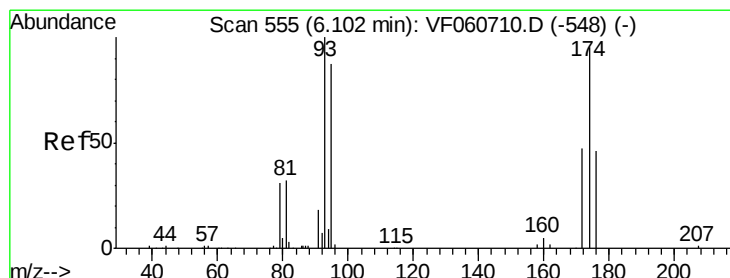
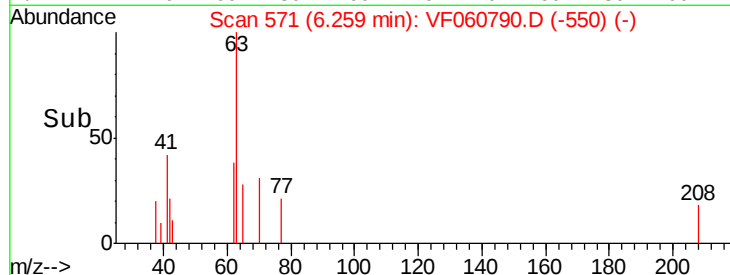
300

200

100

0

Time--> 6.15 6.20 6.25 6.30



#46

Dibromomethane

Concen: 4.992 ug/l

RT: 6.08 min Scan# 553

Delta R.T. -0.02 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

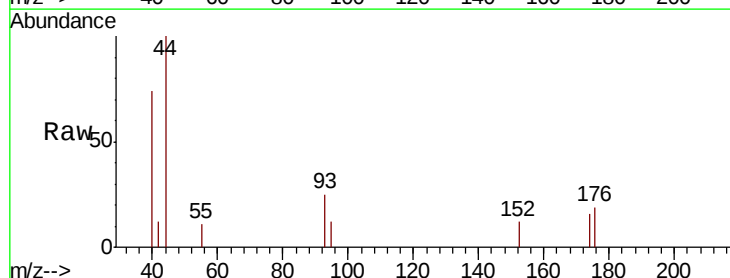
Tgt Ion: 93 Resp: 130

Ion Ratio Lower Upper

93 100

95 50.0 69.5 104.3#

174 64.1 76.2 114.2#



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

400

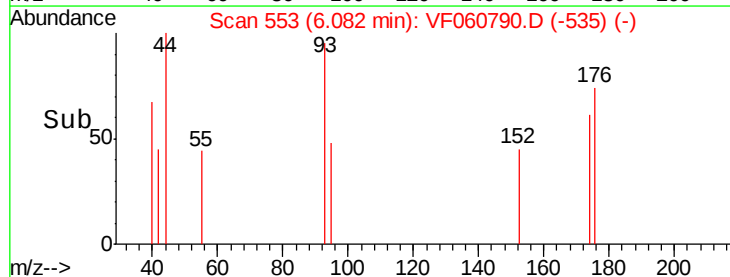
300

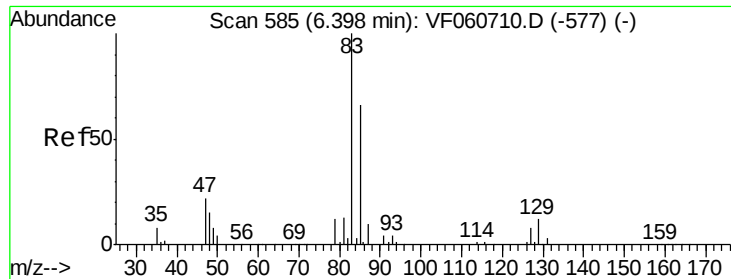
200

100

0

Time--> 6.06 6.08 6.10





#47

Bromodichloromethane

Concen: 20.377 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

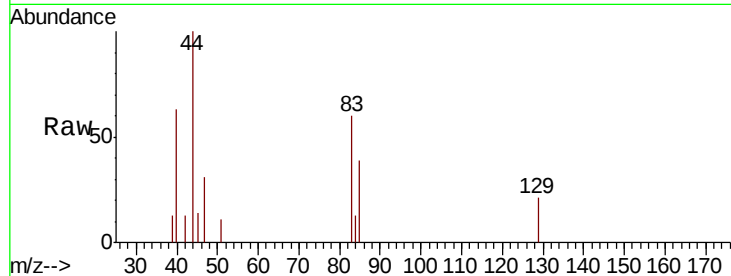
Tot Ion: 83 Resp: 1355

Ion Ratio Lower Upper

83 100

85 65.4 52.4 78.6

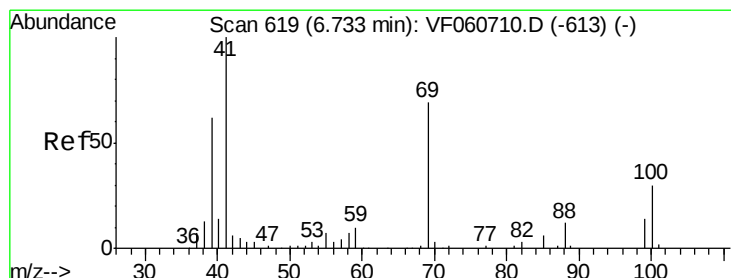
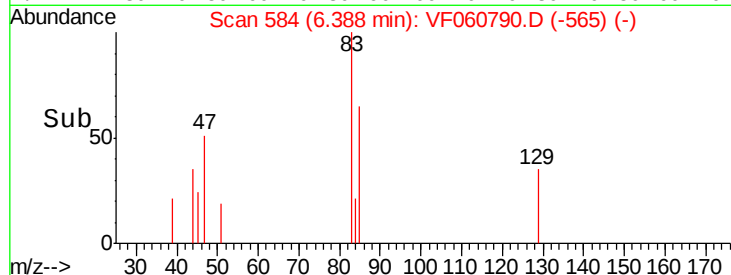
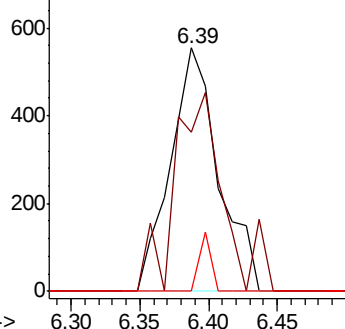
127 0.0 6.8 10.2#



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: 13.657 ug/l

RT: 6.71 min Scan# 617

Delta R.T. -0.02 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

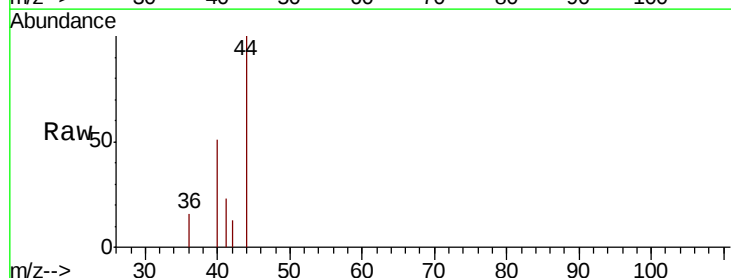
Tgt Ion: 41 Resp: 303

Ion Ratio Lower Upper

41 100

69 0.0 54.9 82.3#

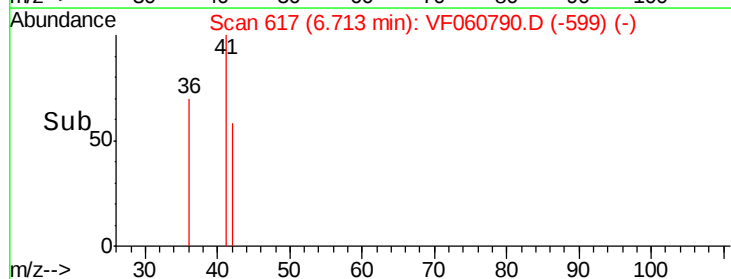
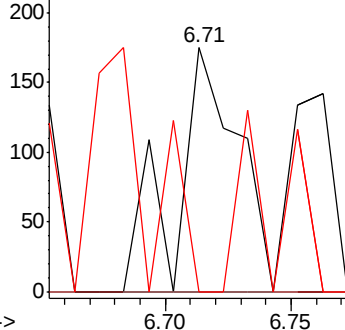
39 0.0 49.6 74.4#

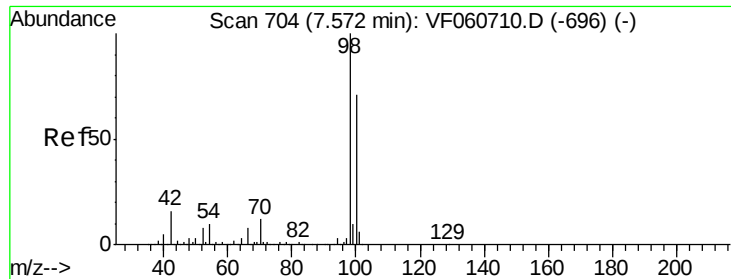


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#50

Toluene-d8

Concen: 46.816 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

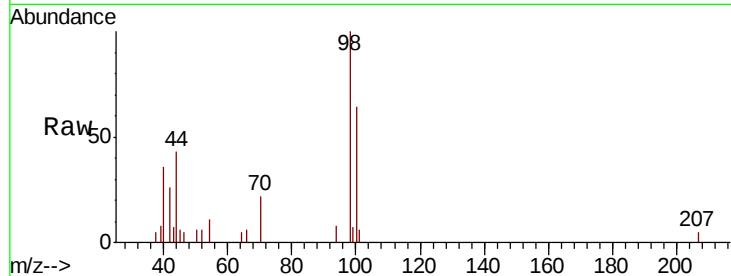
SSI-21-TW-2

Tot Ion: 98 Resp: 5322

Ion Ratio Lower Upper

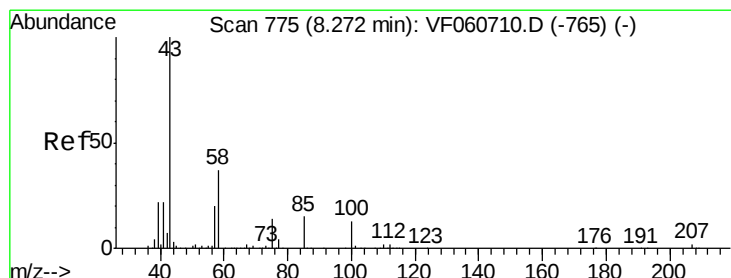
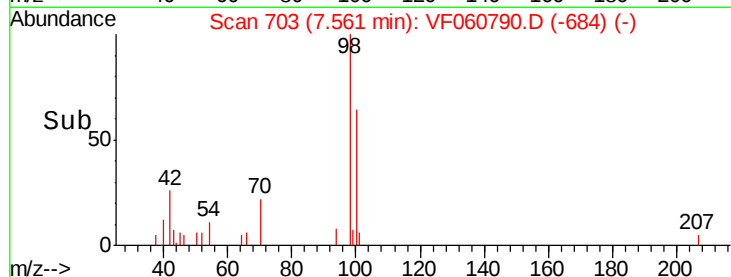
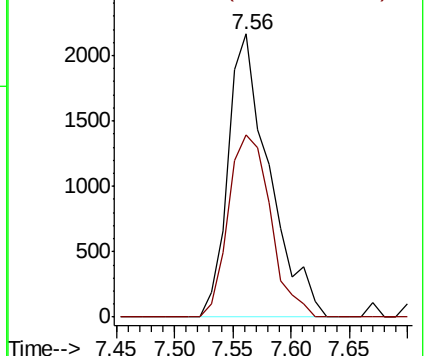
98 100

100 64.4 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#51

4-Methyl-2-Pentanone

Concen: 27.840 ug/l

RT: 8.23 min Scan# 771

Delta R.T. -0.04 min

Lab File: VF060790.D

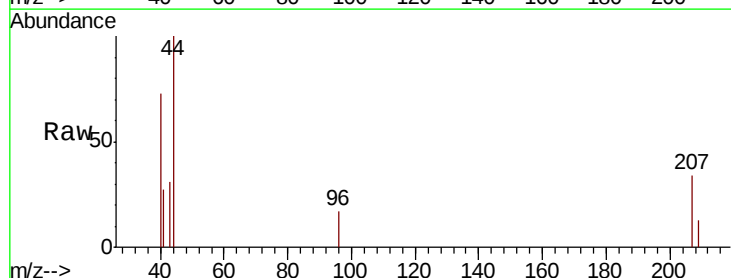
Acq: 19 Nov 2018 21:56

Tgt Ion: 43 Resp: 675

Ion Ratio Lower Upper

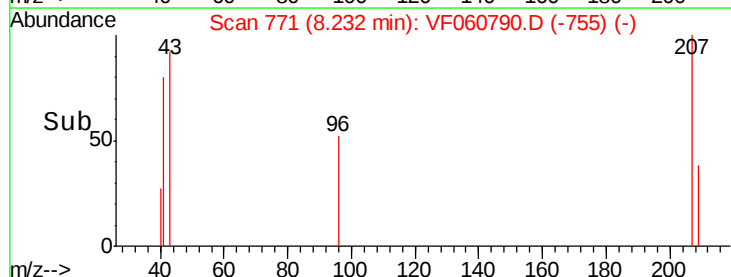
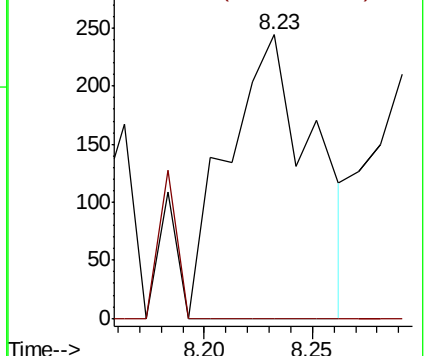
43 100

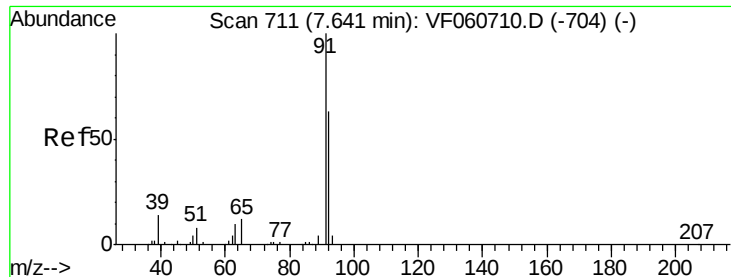
58 0.0 29.2 43.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 49.256 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

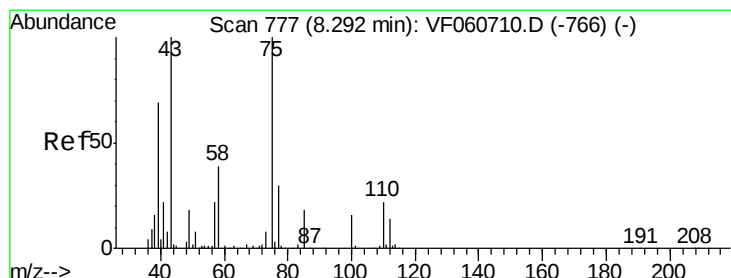
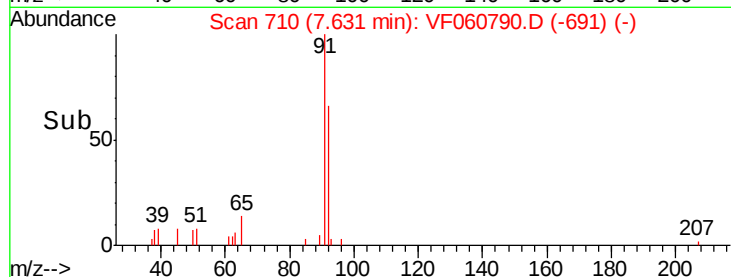
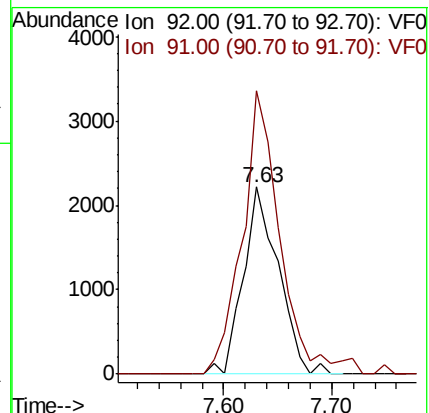
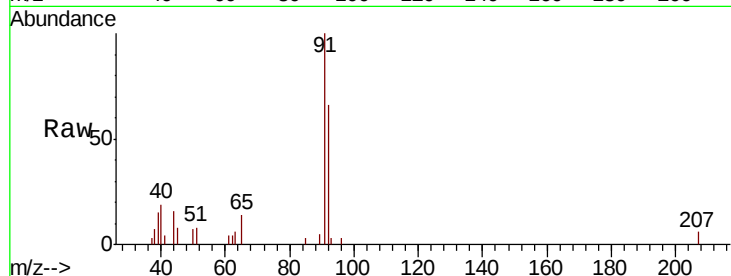
SSI-21-TW-2

Tot Ion: 92 Resp: 5004

Ion Ratio Lower Upper

92 100

91 151.4 126.7 190.1



#53

t-1,3-Dichloropropene

Concen: 2.403 ug/l

RT: 8.28 min Scan# 776

Delta R.T. -0.01 min

Lab File: VF060790.D

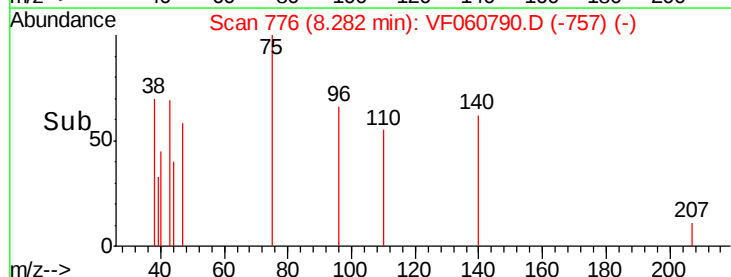
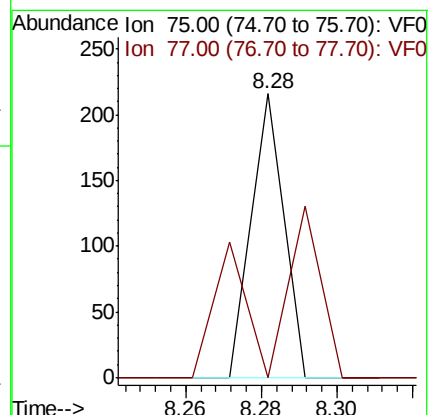
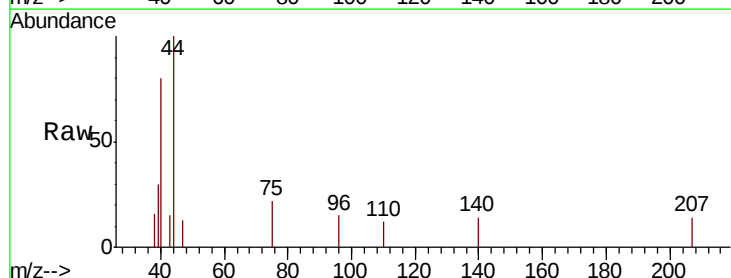
Acq: 19 Nov 2018 21:56

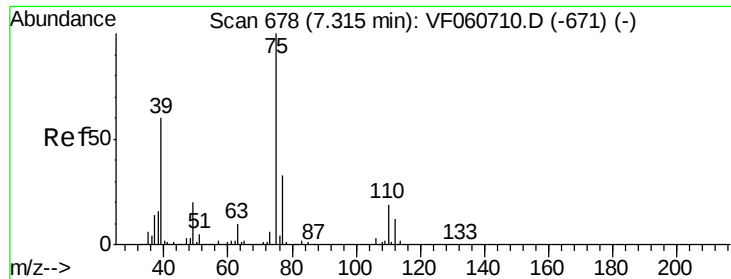
Tgt Ion: 75 Resp: 128

Ion Ratio Lower Upper

75 100

77 0.0 24.6 36.8#





#54

cis-1,3-Dichloropropene

Concen: 18.285 ug/l

RT: 7.31 min Scan# 677

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

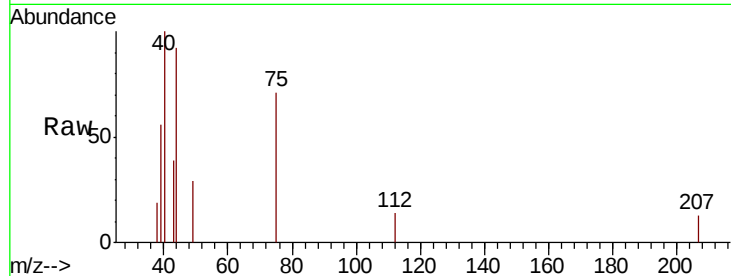
Tot Ion: 75 Resp: 1265

Ion Ratio Lower Upper

75 100

77 0.0 26.5 39.7#

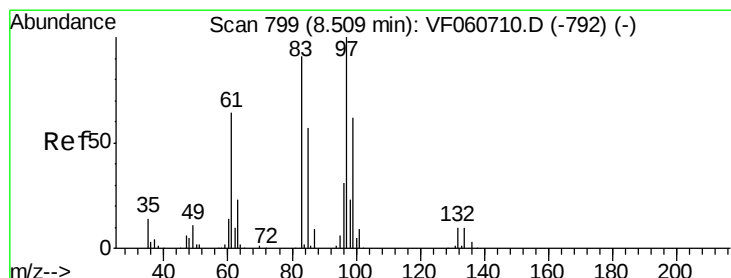
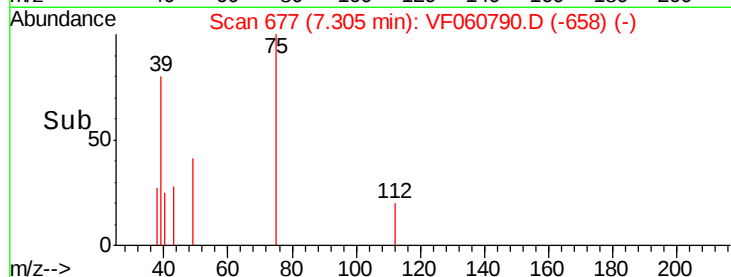
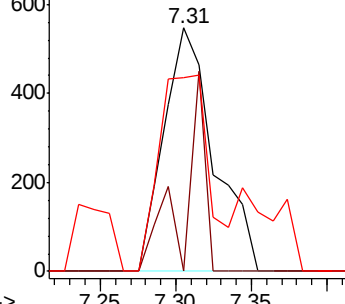
39 79.7 48.5 72.7#



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



#55

1,1,2-Trichloroethane

Concen: 12.058 ug/l

RT: 8.51 min Scan# 799

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Tgt Ion: 97 Resp: 350

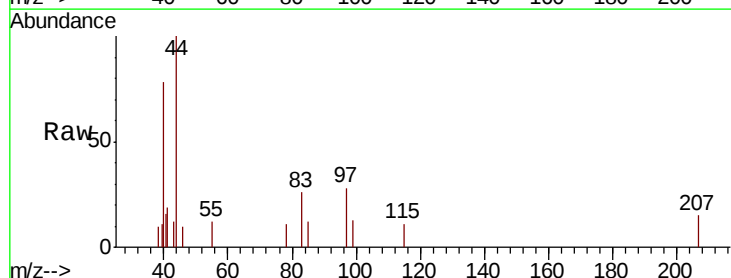
Ion Ratio Lower Upper

97 100

83 92.8 72.8 109.2

85 43.0 45.8 68.6#

99 46.2 49.4 74.0#

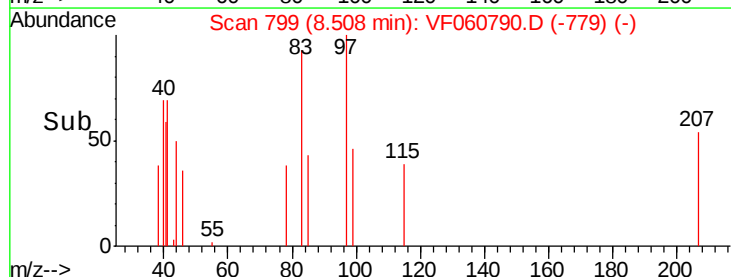
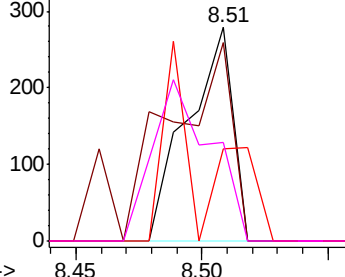


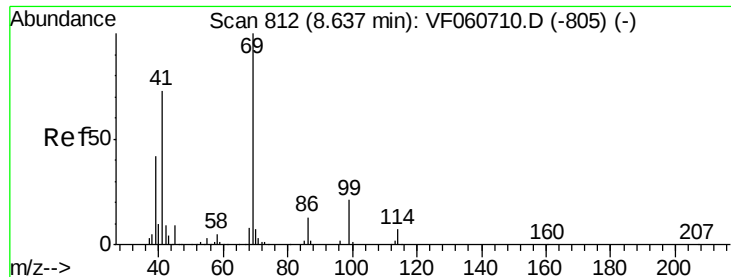
Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0





#56

Ethyl methacrylate

Concen: 10.708 ug/l

RT: 8.63 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampled :

SSI-21-TW-2

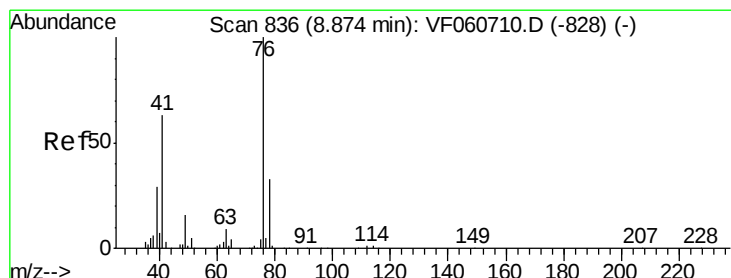
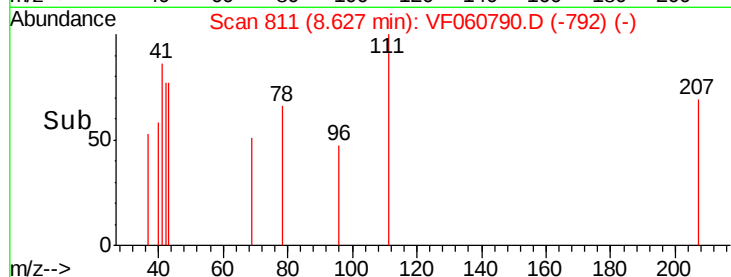
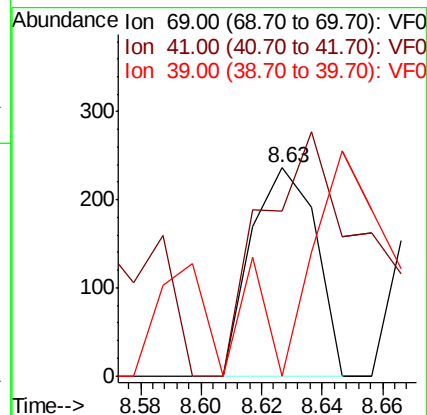
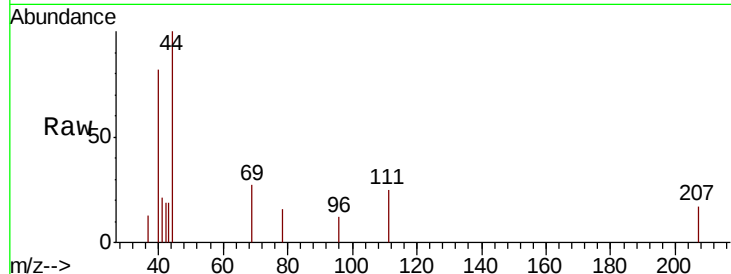
Tot Ion: 69 Resp: 353

Ion Ratio Lower Upper

69 100

41 79.2 59.0 88.6

39 0.0 34.0 51.0#



#57

1,3-Dichloropropane

Concen: 13.160 ug/l

RT: 8.86 min Scan# 835

Delta R.T. -0.01 min

Lab File: VF060790.D

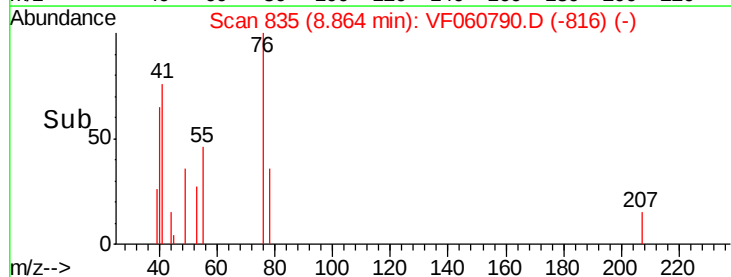
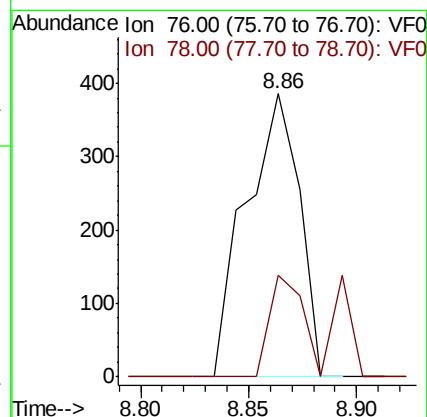
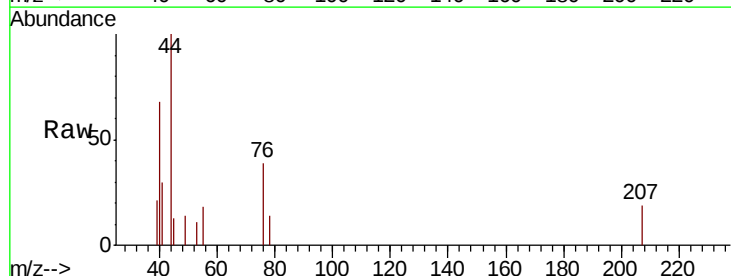
Acq: 19 Nov 2018 21:56

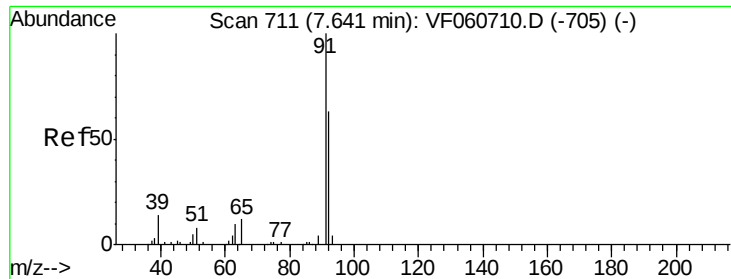
Tgt Ion: 76 Resp: 662

Ion Ratio Lower Upper

76 100

78 36.0 26.6 39.8

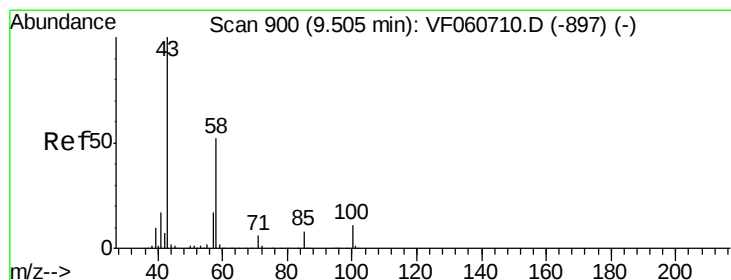
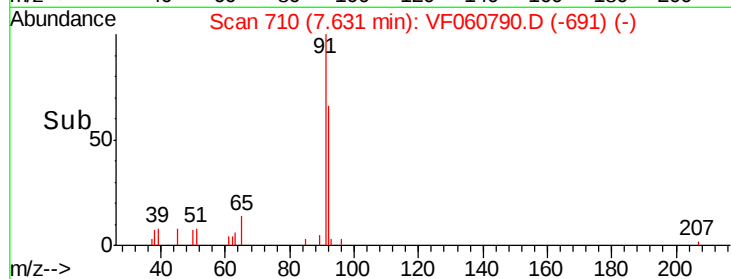
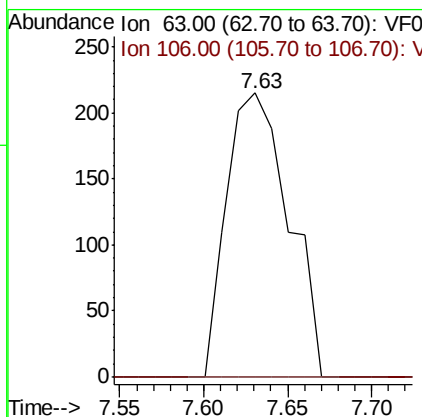
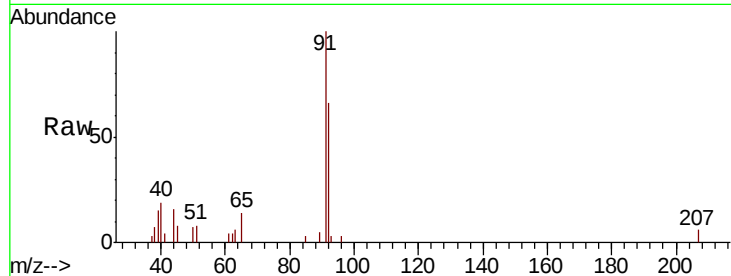




#58
 2-Chloroethyl Vinyl ether
 Concen: 183.307 ug/l
 RT: 7.63 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

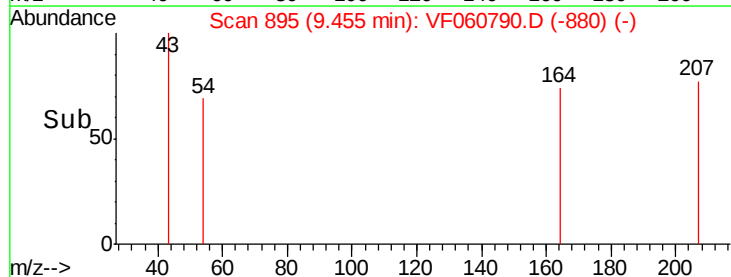
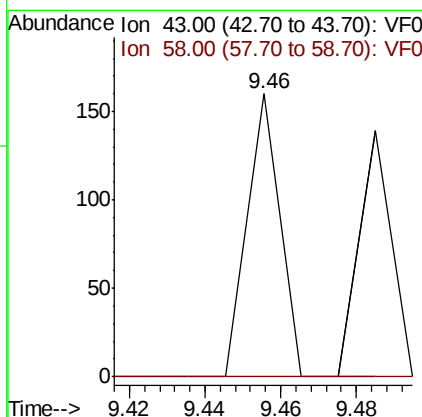
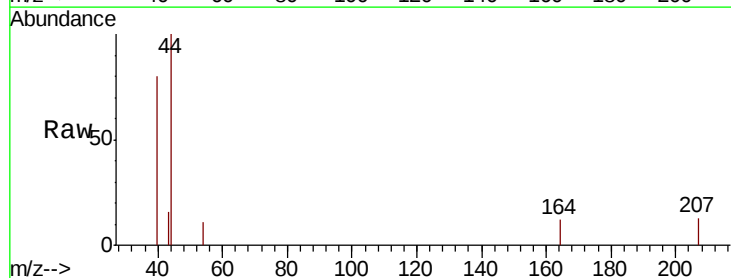
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

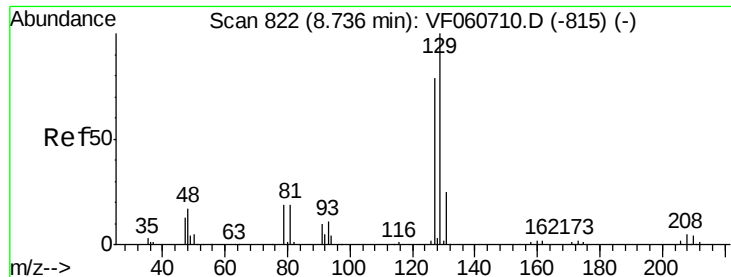
Tot Ion: 63 Resp: 552
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 5.575 ug/l
 RT: 9.46 min Scan# 895
 Delta R.T. -0.05 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Tgt Ion: 43 Resp: 95
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.9 74.7#





#60

Dibromochloromethane

Concen: 22.070 ug/l

RT: 8.72 min Scan# 820

Delta R.T. -0.02 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

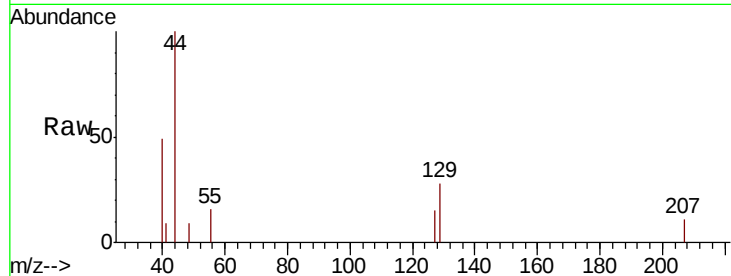
SSI-21-TW-2

Tot Ion:129 Resp: 913

Ion Ratio Lower Upper

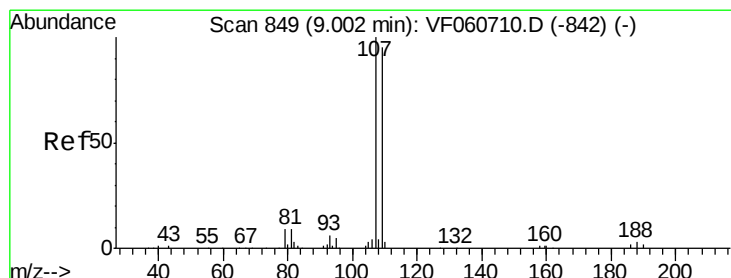
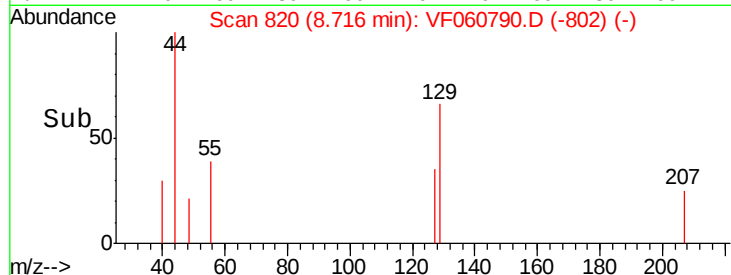
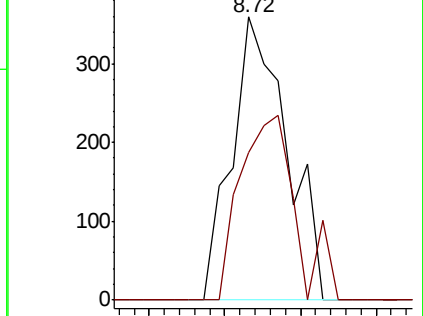
129 100

127 52.4 39.7 119.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#61

1,2-Dibromoethane

Concen: 4.881 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.01 min

Lab File: VF060790.D

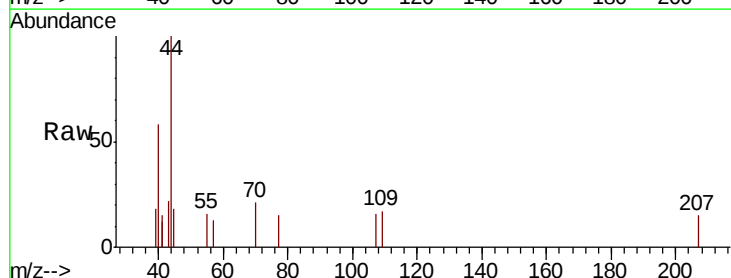
Acq: 19 Nov 2018 21:56

Tgt Ion:107 Resp: 149

Ion Ratio Lower Upper

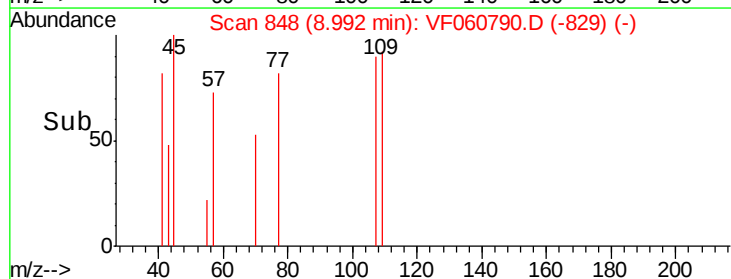
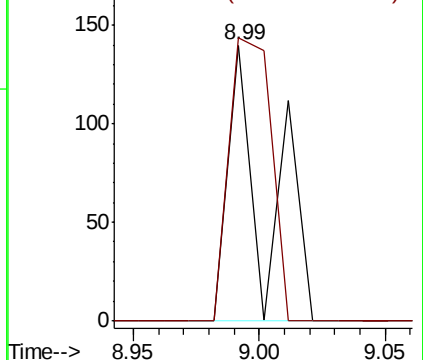
107 100

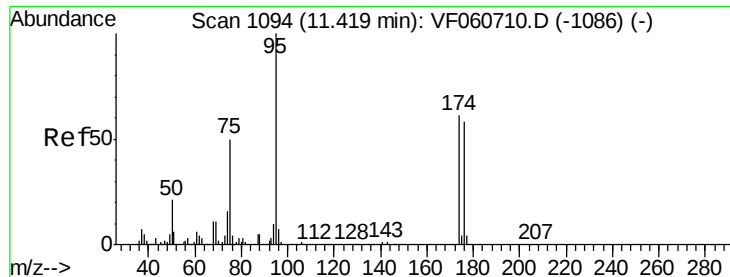
109 102.9 75.9 113.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#62

4-Bromofluorobenzene

Concen: 38.546 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. 0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampled :

SSI-21-TW-2

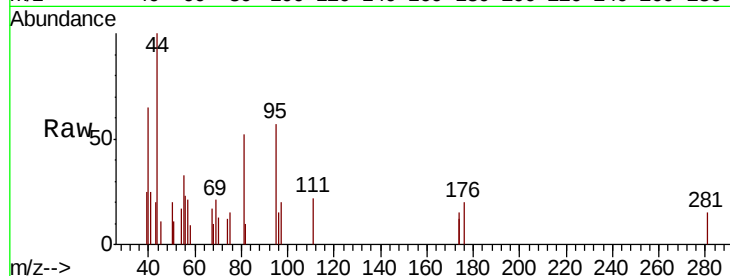
Tot Ion: 95 Resp: 2059

Ion Ratio Lower Upper

95 100

174 26.2 0.0 121.6

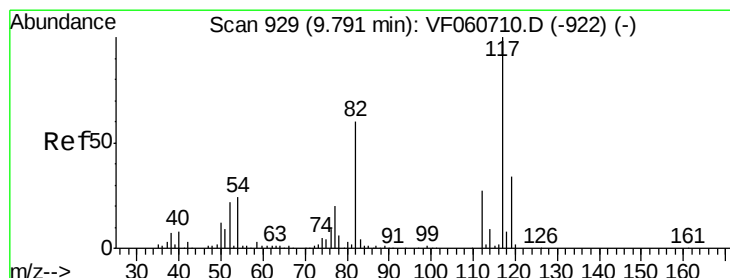
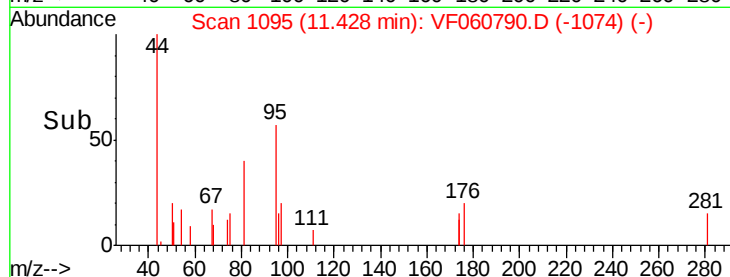
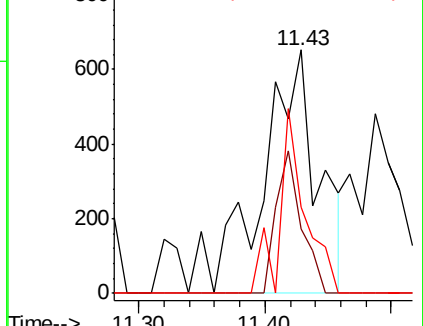
176 35.2 0.0 115.2



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: 9.78 min Scan# 928

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

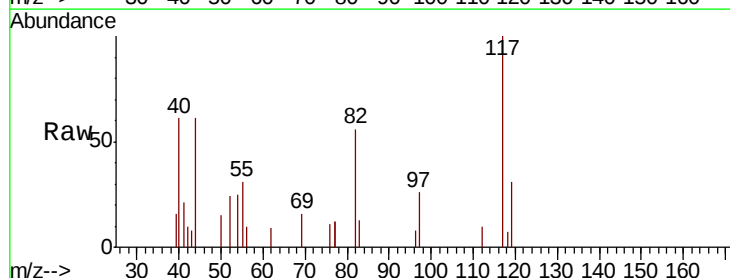
Tgt Ion: 117 Resp: 3263

Ion Ratio Lower Upper

117 100

82 55.6 47.9 71.9

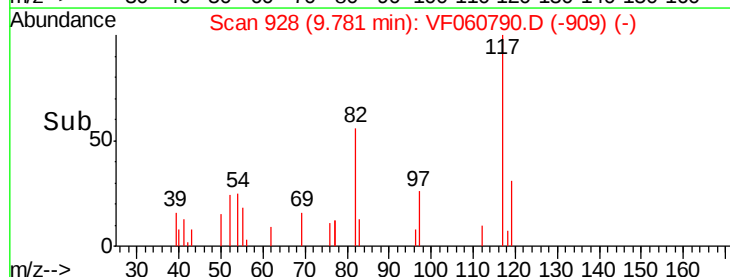
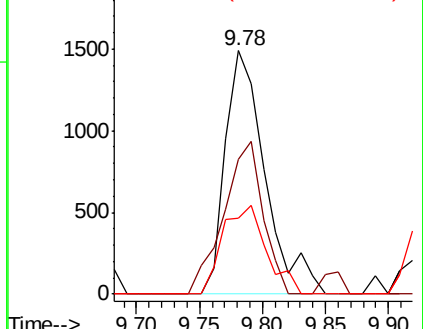
119 31.3 26.8 40.2

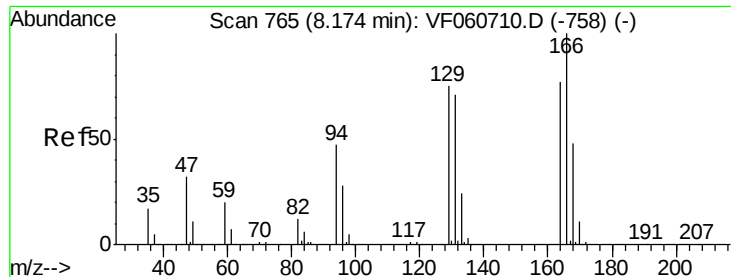


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#64

Tetrachloroethene

Concen: 104.376 ug/l

RT: 8.16 min Scan# 764

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

Tot Ion:164 Resp: 2697

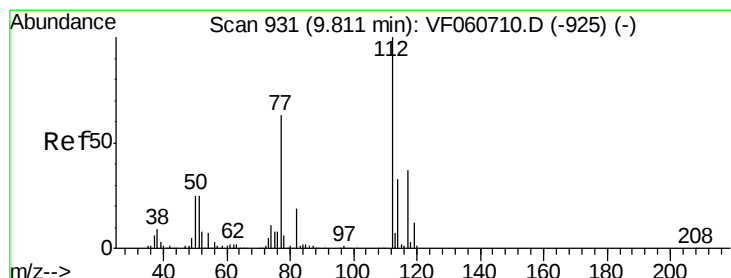
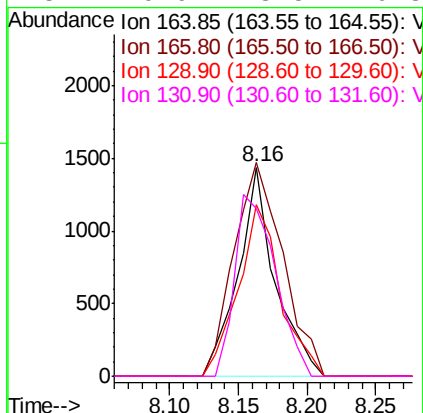
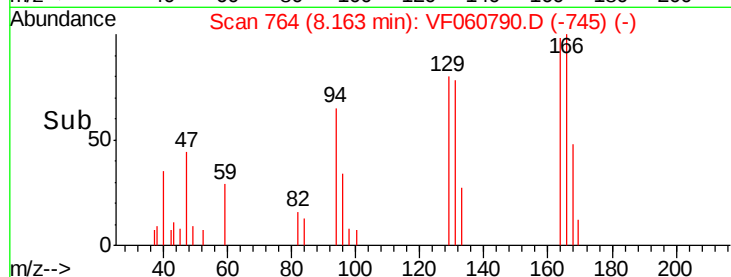
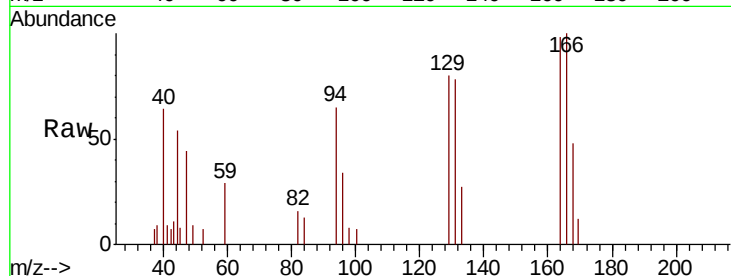
Ion Ratio Lower Upper

164 100

166 102.2 103.5 155.3#

129 81.9 77.4 116.2

131 79.9 73.5 110.3



#65

Chlorobenzene

Concen: 49.981 ug/l

RT: 9.80 min Scan# 930

Delta R.T. -0.01 min

Lab File: VF060790.D

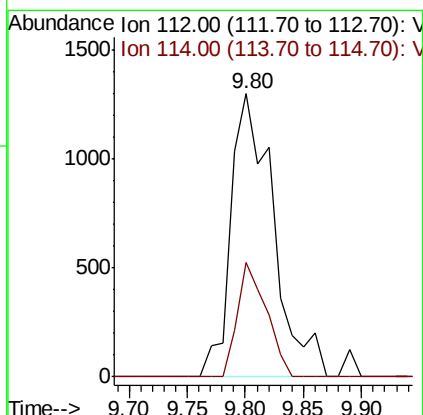
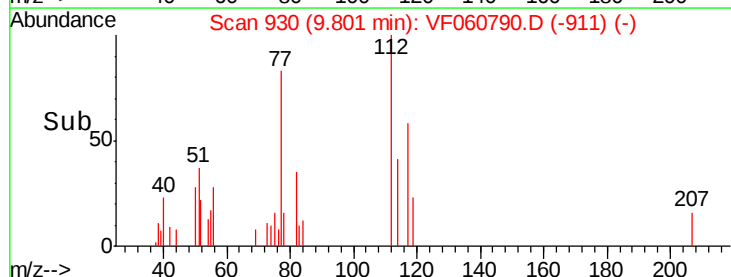
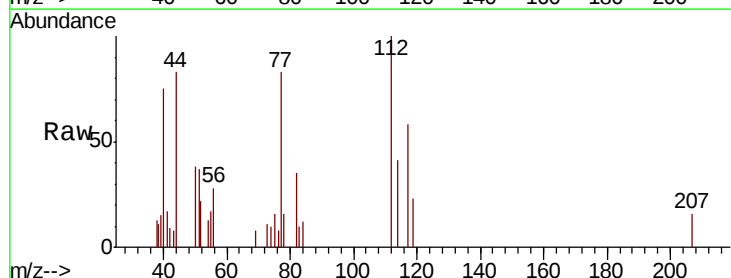
Acq: 19 Nov 2018 21:56

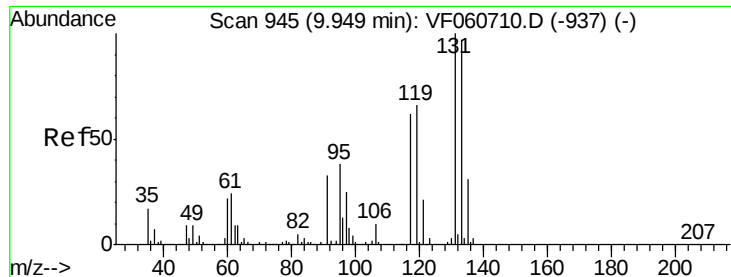
Tgt Ion:112 Resp: 3291

Ion Ratio Lower Upper

112 100

114 40.5 26.1 39.1#





#66

1,1,1,2-Tetrachloroethane

Concen: 42.480 ug/l

RT: 9.94 min Scan# 944

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

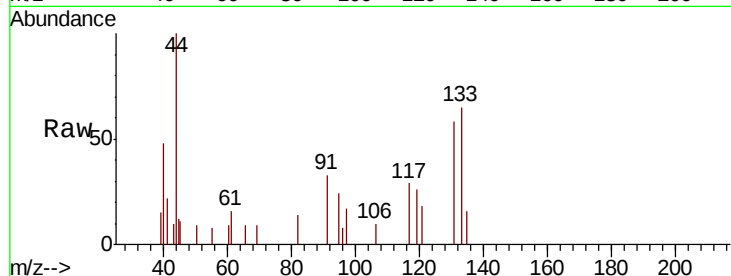
Tot Ion:131 Resp: 1220

Ion Ratio Lower Upper

131 100

133 112.2 48.3 144.8

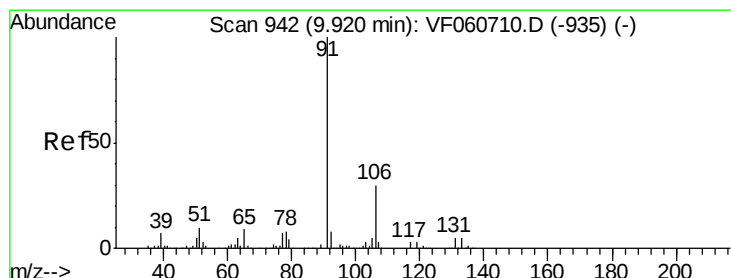
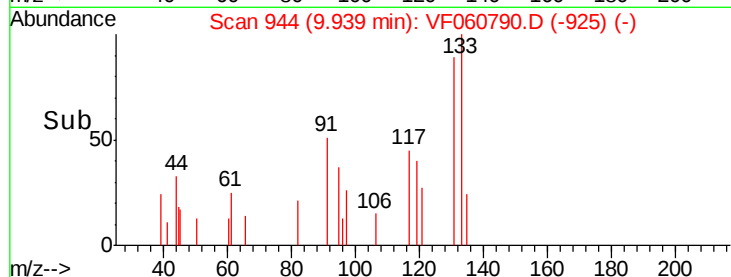
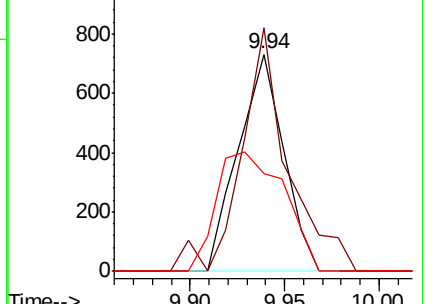
119 44.9 33.2 99.6



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: 78.702 ug/l

RT: 9.91 min Scan# 941

Delta R.T. -0.01 min

Lab File: VF060790.D

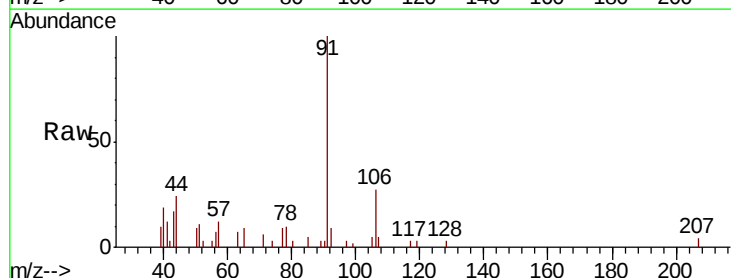
Acq: 19 Nov 2018 21:56

Tgt Ion: 91 Resp: 9768

Ion Ratio Lower Upper

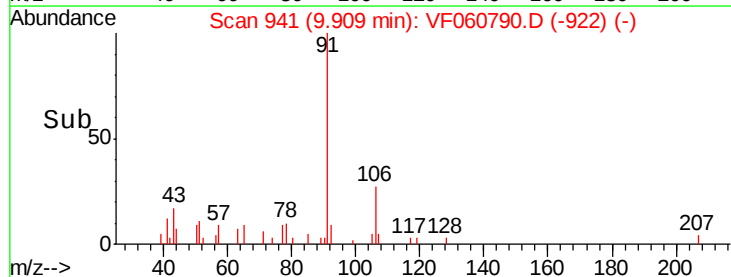
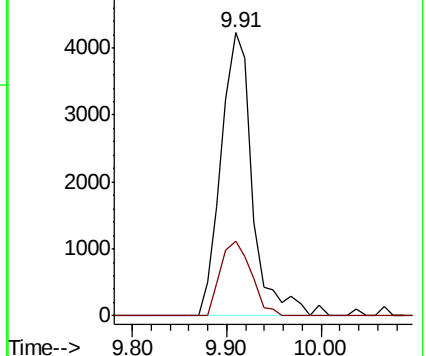
91 100

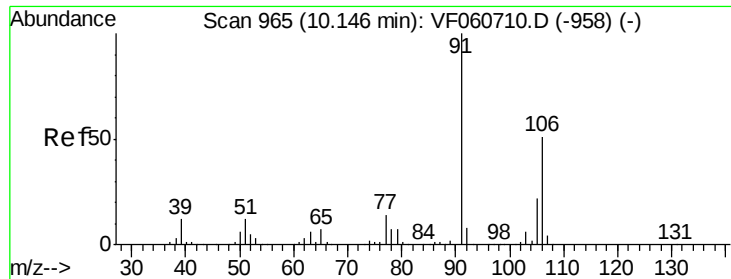
106 26.6 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

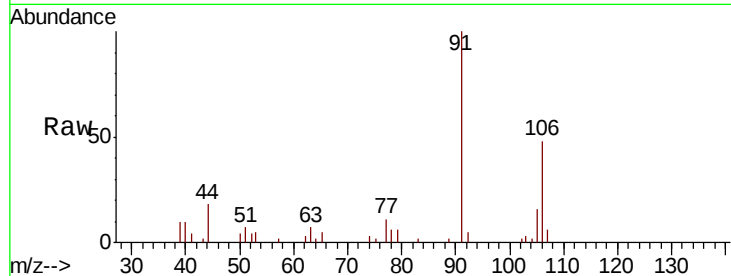




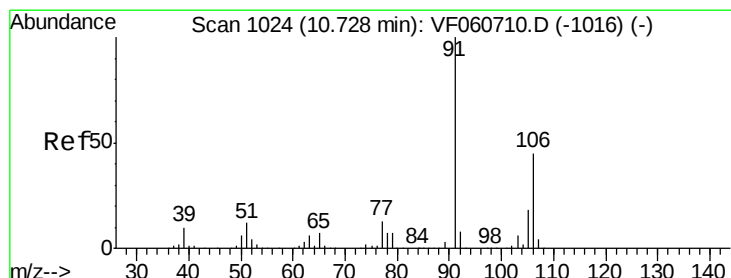
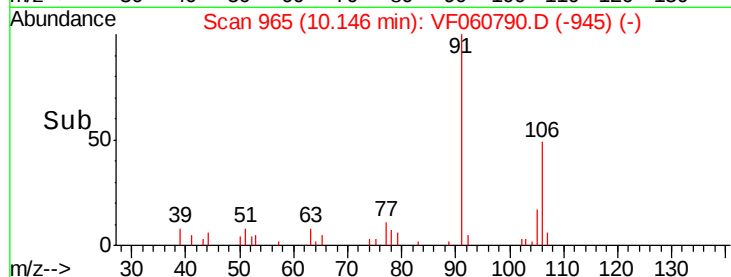
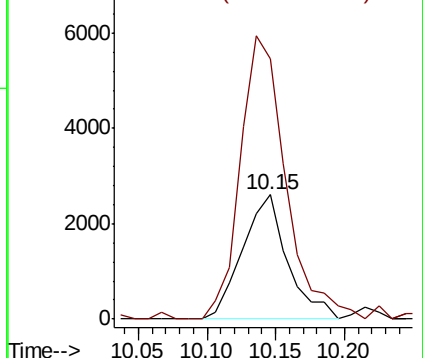
#68
m/p-Xvlenes
Concen: 134.551 ug/l
RT: 10.15 min Scan# 965
Delta R.T. -0.00 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

Tot Ion:106 Resp: 5968
Ion Ratio Lower Upper
106 100
91 208.7 158.2 237.2

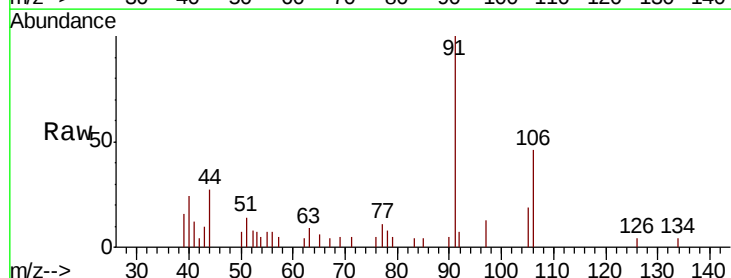


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

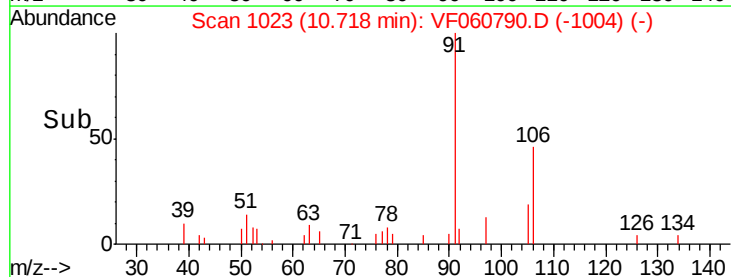
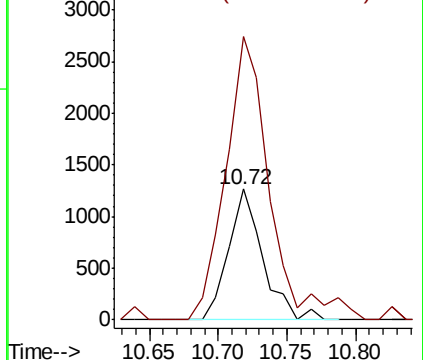


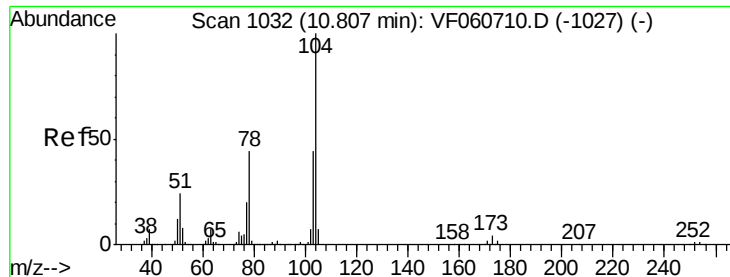
#69
o-Xylene
Concen: 44.117 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

Tgt Ion:106 Resp: 2200
Ion Ratio Lower Upper
106 100
91 216.4 110.3 330.9



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





#70

Stvrene

Concen: 13.889 ug/l

RT: 10.80 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampled :

SSI-21-TW-2

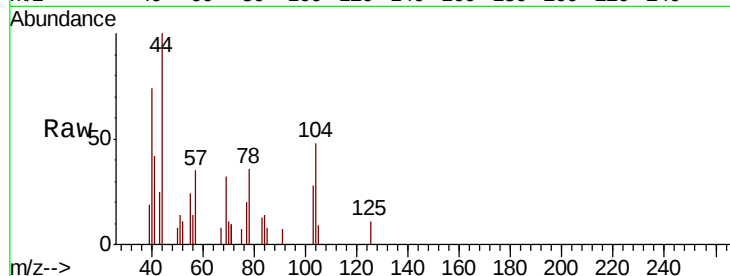
Tot Ion:104 Resp: 940

Ion Ratio Lower Upper

104 100

78 73.6 35.4 53.2#

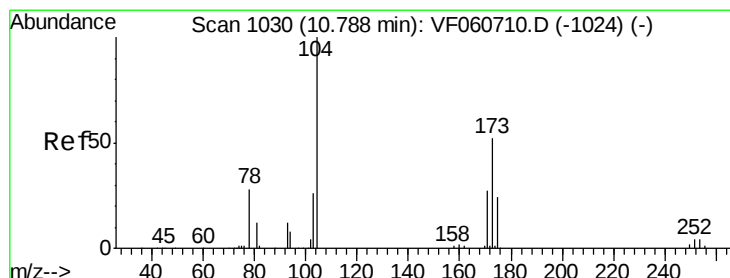
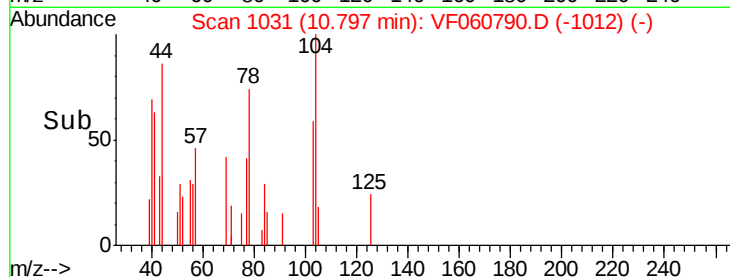
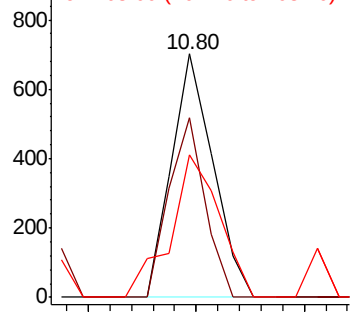
103 58.7 35.8 53.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 12.621 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

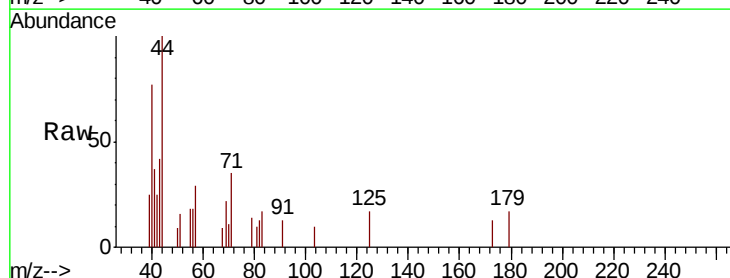
Tgt Ion:173 Resp: 163

Ion Ratio Lower Upper

173 100

175 0.0 23.4 70.0#

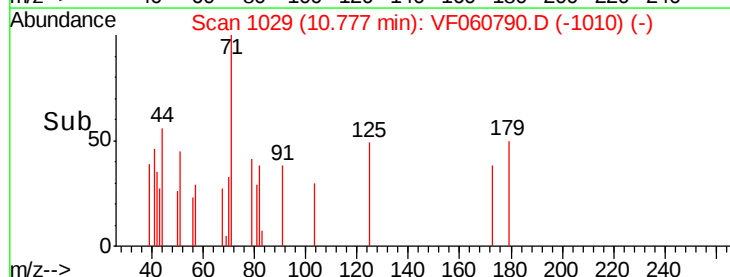
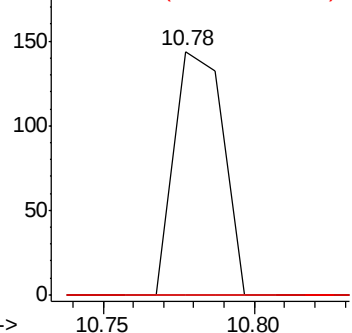
254 0.0 5.8 8.8#

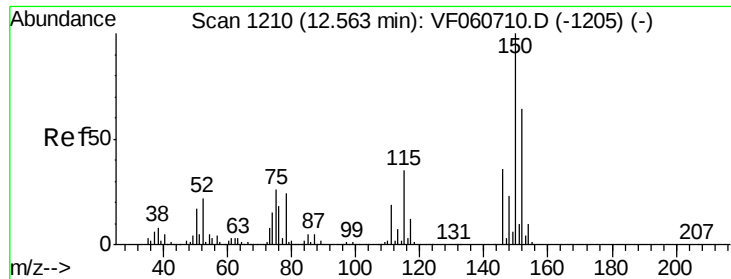


Abundance Ion 173.00 (172.70 to 173.70): V

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: 12.56 min Scan# 1210

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

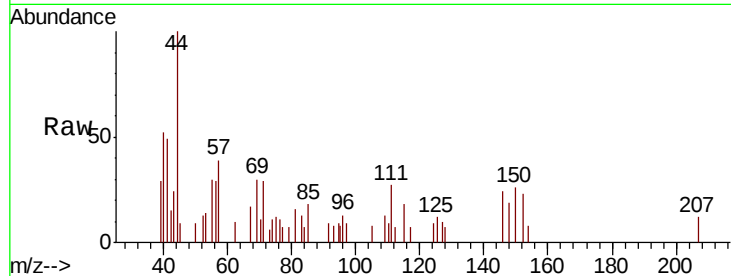
Tot Ion:152 Resp: 572

Ion Ratio Lower Upper

152 100

115 79.2 27.9 83.7

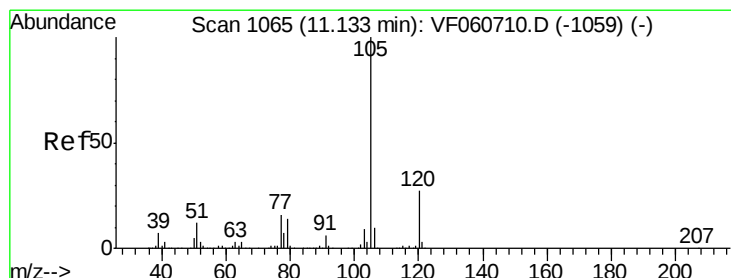
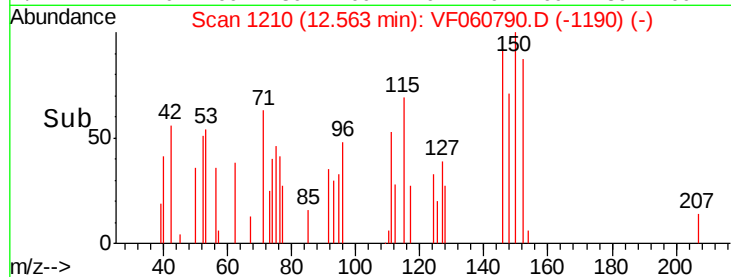
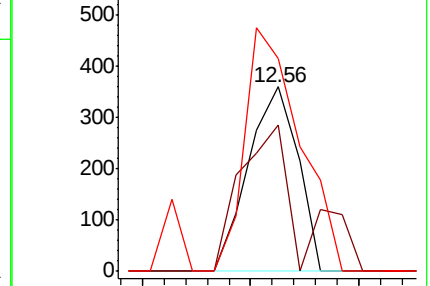
150 115.3 0.0 316.4



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: 239.216 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VF060790.D

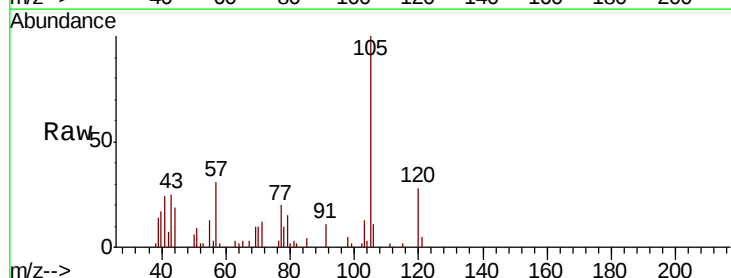
Acq: 19 Nov 2018 21:56

Tgt Ion:105 Resp: 11014

Ion Ratio Lower Upper

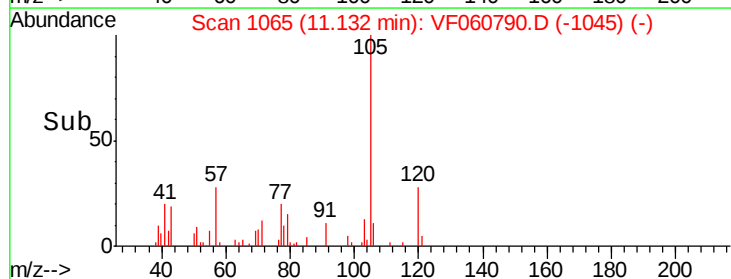
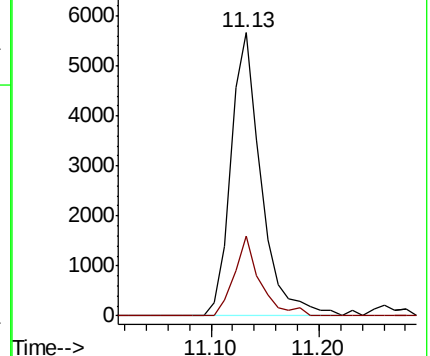
105 100

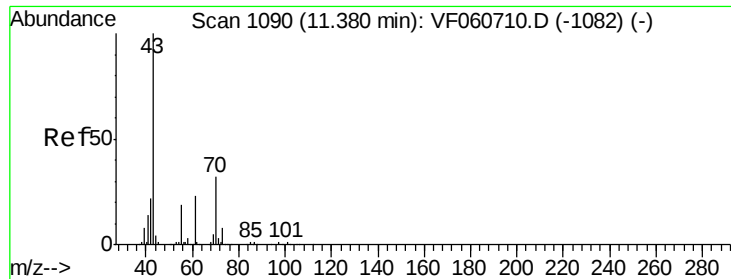
120 28.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 121.357 ug/l

RT: 11.44 min Scan# 1096

Delta R.T. 0.06 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

Tot Ion: 43 Resp: 1272

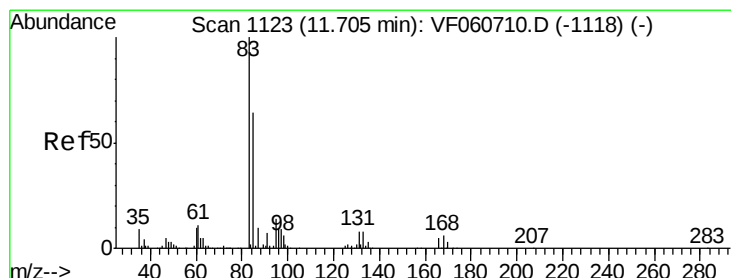
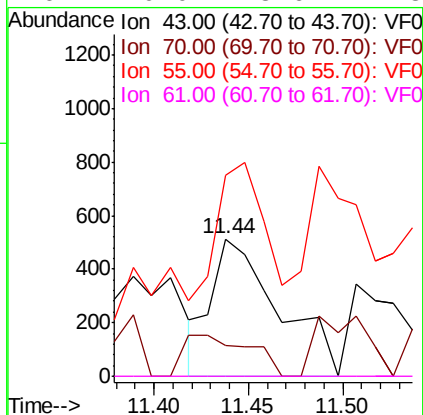
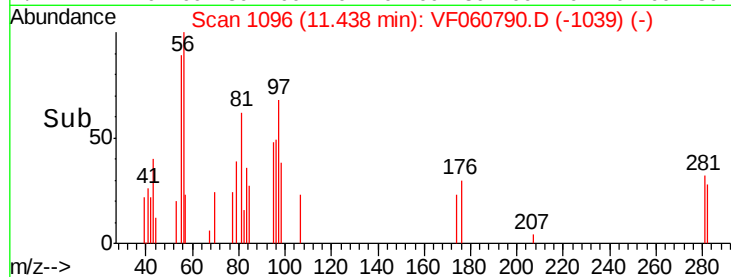
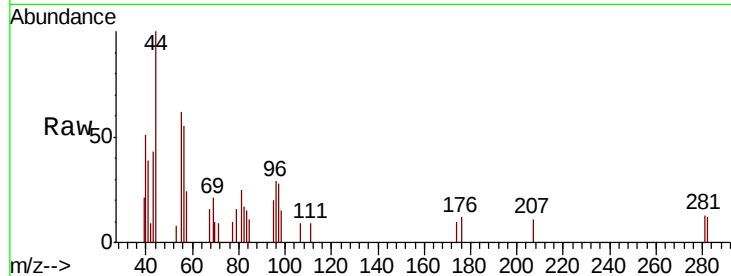
Ion Ratio Lower Upper

43 100

70 22.8 25.5 38.3#

55 146.0 14.9 22.3#

61 0.0 18.6 27.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 136.362 ug/l

RT: 11.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

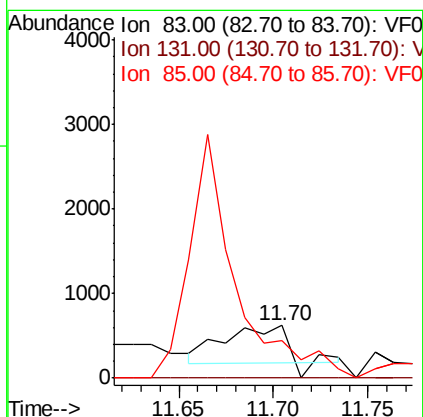
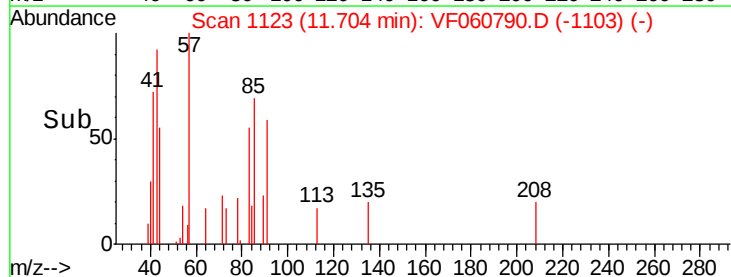
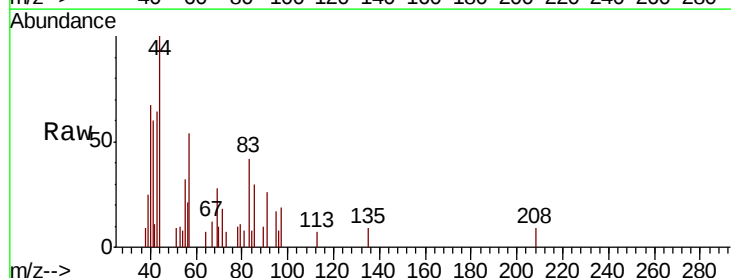
Tgt Ion: 83 Resp: 1038

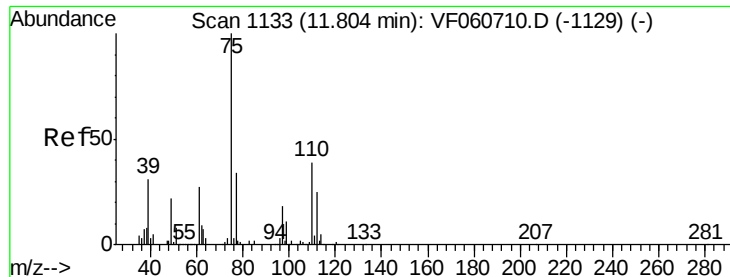
Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

85 71.1 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 23.349 ug/l

RT: 11.79 min Scan# 1132

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

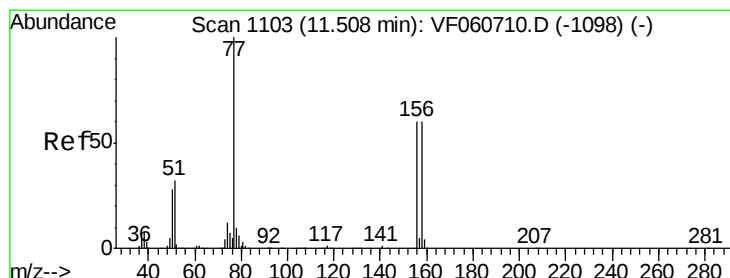
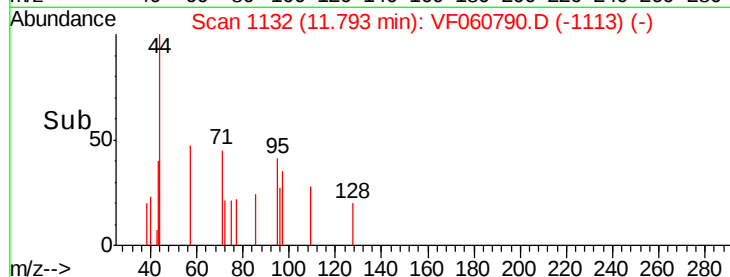
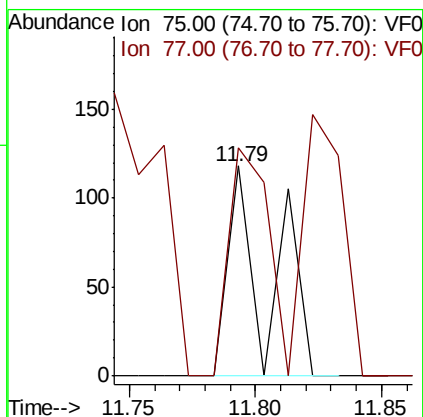
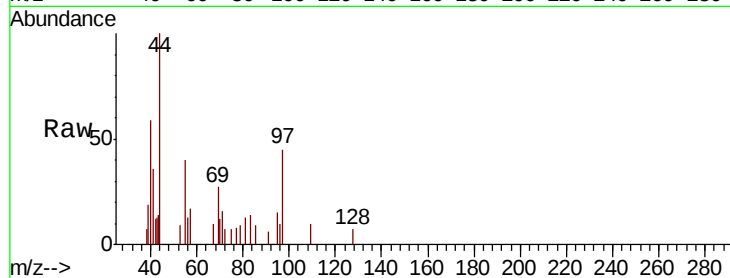
SSI-21-TW-2

Tot Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

77 108.5 17.0 51.0#



#77

Bromobenzene

Concen: 70.745 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

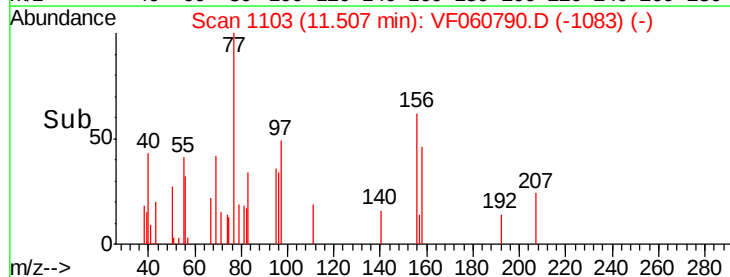
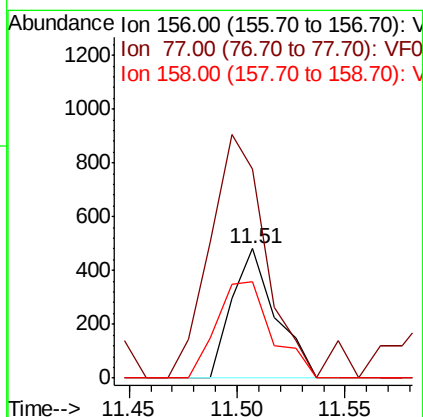
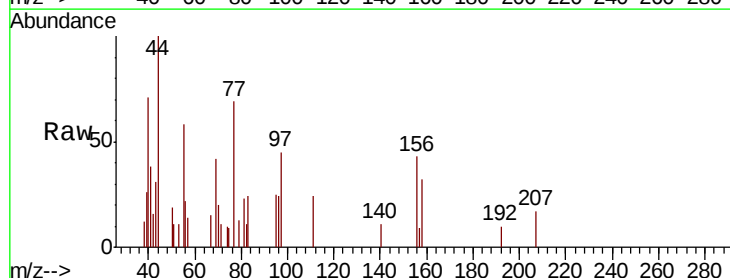
Tgt Ion: 156 Resp: 678

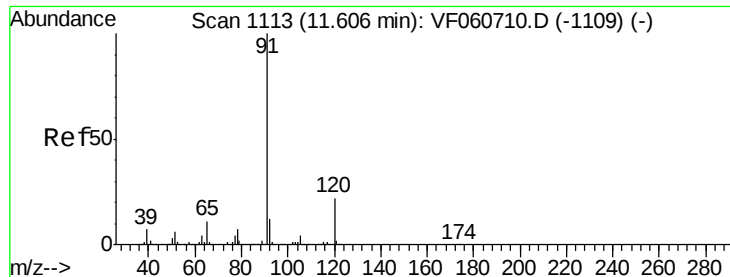
Ion Ratio Lower Upper

156 100

77 161.5 83.0 248.9

158 75.0 49.6 149.0





#78

n-propylbenzene

Concen: 151.943 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

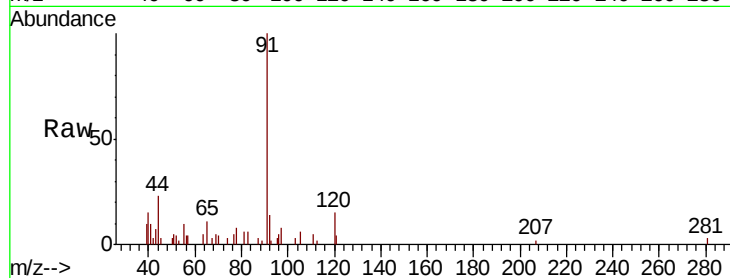
SSI-21-TW-2

Tot Ion: 91 Resp: 8159

Ion Ratio Lower Upper

91 100

120 15.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

11.60

5000

4000

3000

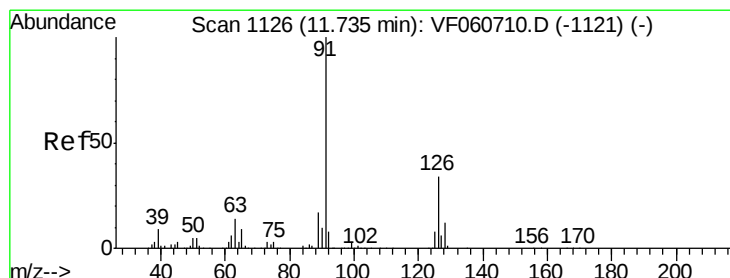
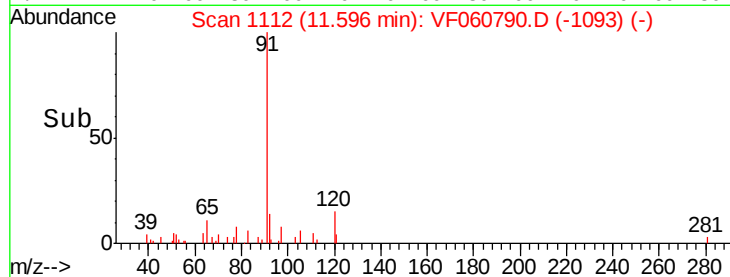
2000

1000

0

11.55 11.60 11.65

Time-->



#79

2-Chlorotoluene

Concen: 163.186 ug/l

RT: 11.72 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VF060790.D

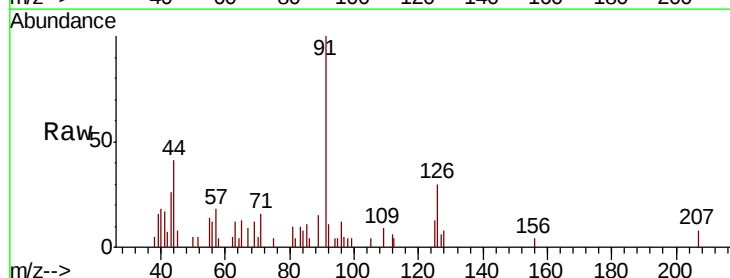
Acq: 19 Nov 2018 21:56

Tgt Ion: 91 Resp: 5093

Ion Ratio Lower Upper

91 100

126 30.3 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.72

3000

2500

2000

1500

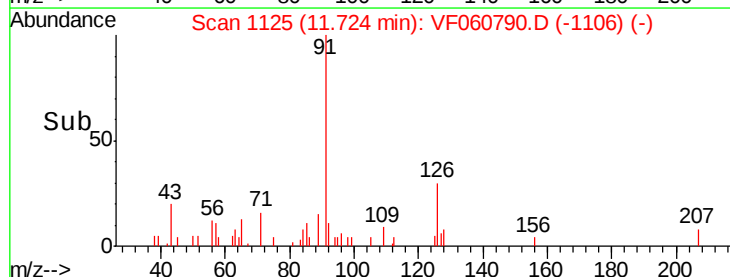
1000

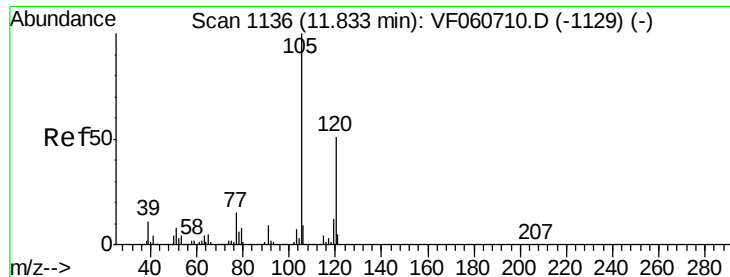
500

0

11.70 11.72 11.74

Time-->

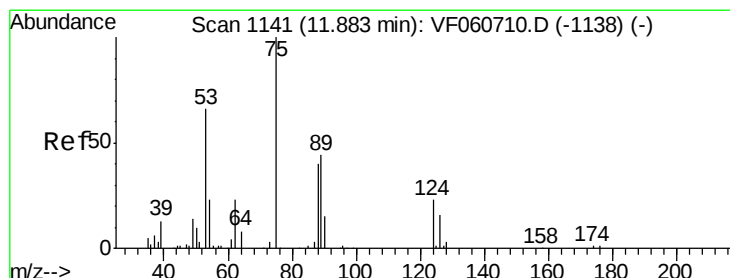
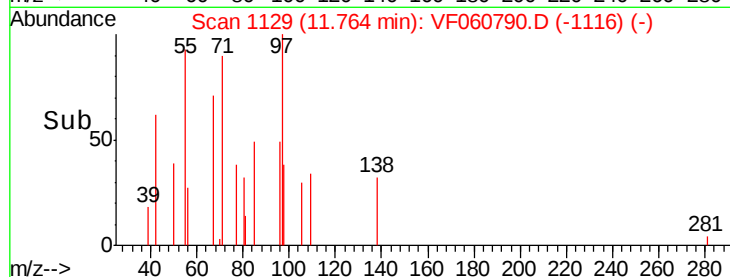
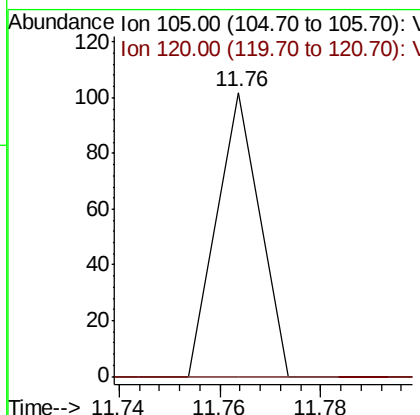
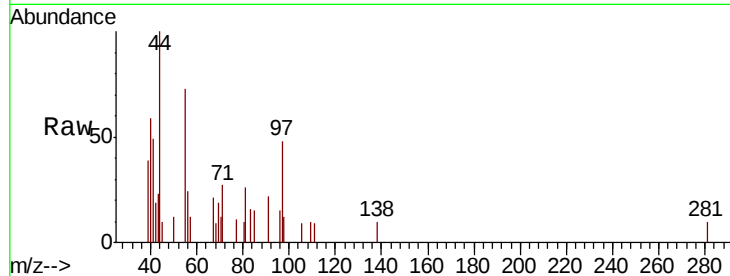




#80
 1,3,5-Trimethylbenzene
 Concen: 1.641 ug/l
 RT: 11.76 min Scan# 1129
 Delta R.T. -0.07 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

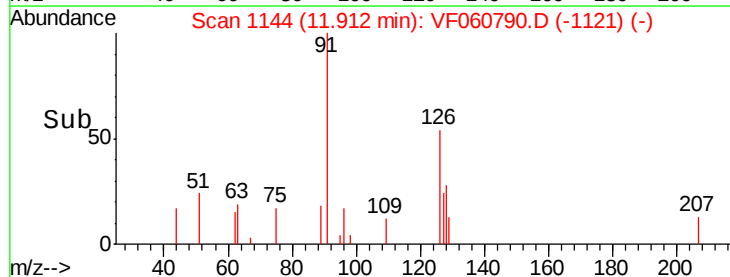
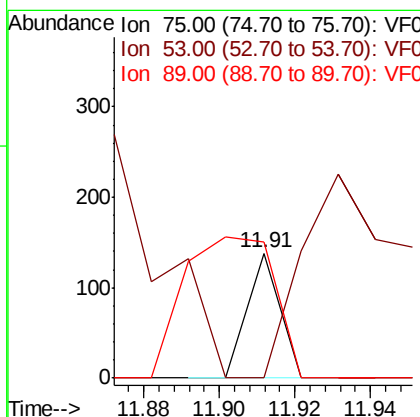
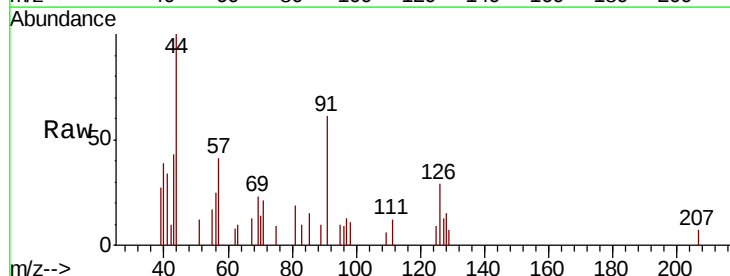
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

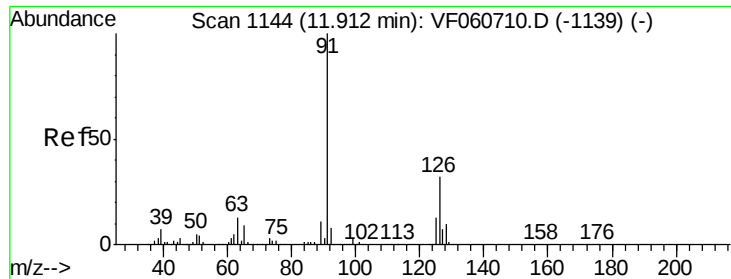
Tot Ion:105 Resp: 60
 Ion Ratio Lower Upper
 105 100
 120 0.0 25.6 76.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 29.524 ug/l
 RT: 11.91 min Scan# 1144
 Delta R.T. 0.03 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Tgt Ion: 75 Resp: 82
 Ion Ratio Lower Upper
 75 100
 53 0.0 57.0 85.4#
 89 109.4 37.8 56.8#





#82

4-Chlorotoluene

Concen: 89.545 ug/l

RT: 11.90 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

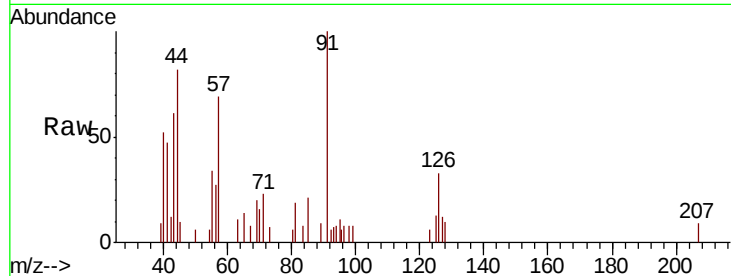
SSI-21-TW-2

Tot Ion: 91 Resp: 2863

Ion Ratio Lower Upper

91 100

126 33.1 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.90

1500

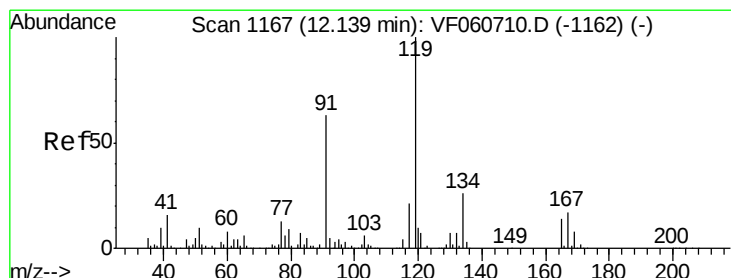
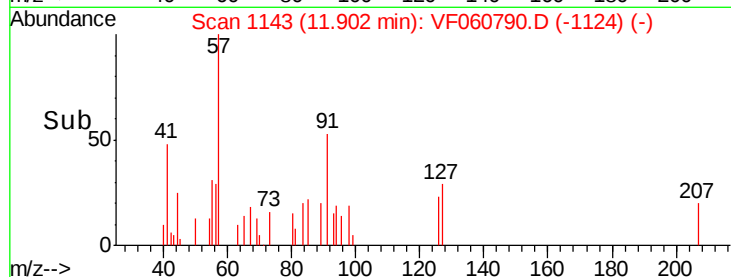
1000

500

0

Time-->

11.85 11.90 11.95



#83

tert-Butylbenzene

Concen: 151.451 ug/l

RT: 12.14 min Scan# 1167

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

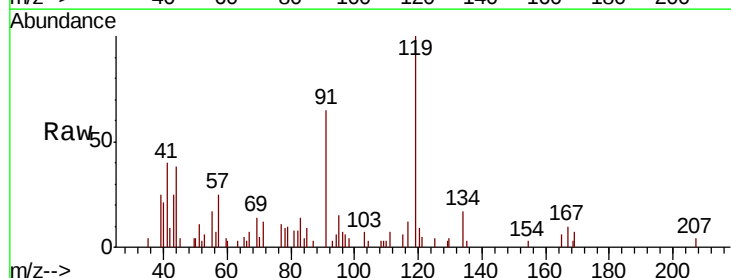
Tgt Ion: 119 Resp: 5878

Ion Ratio Lower Upper

119 100

91 65.4 31.4 94.3

134 16.6 12.8 38.4



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

12.14

5000

4000

3000

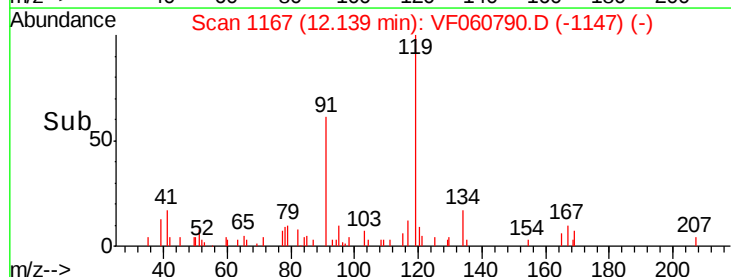
2000

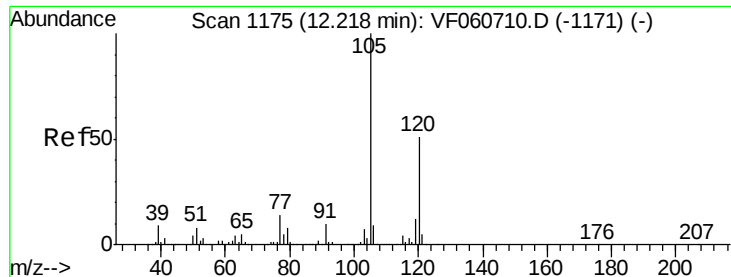
1000

0

Time-->

12.05 12.10 12.15 12.20

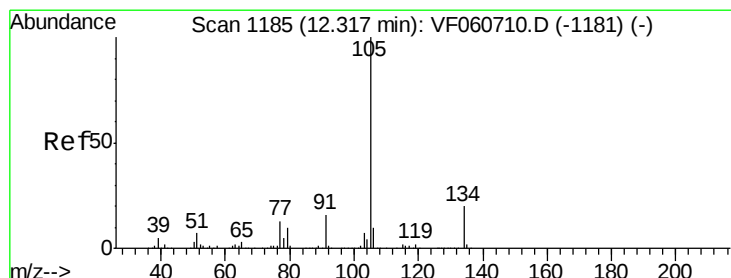
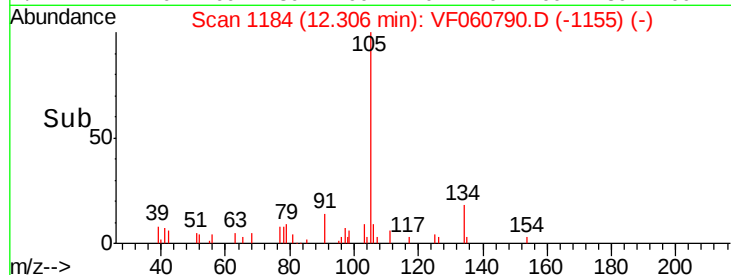
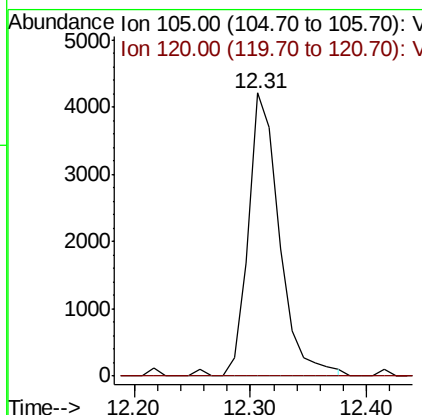
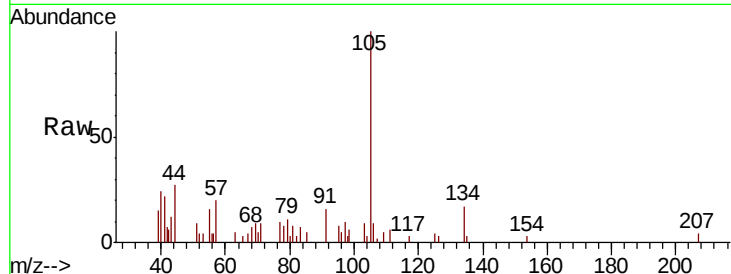




#84
 1,2,4-Trimethylbenzene
 Concen: 207.834 ug/l
 RT: 12.31 min Scan# 1184
 Delta R.T. 0.09 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

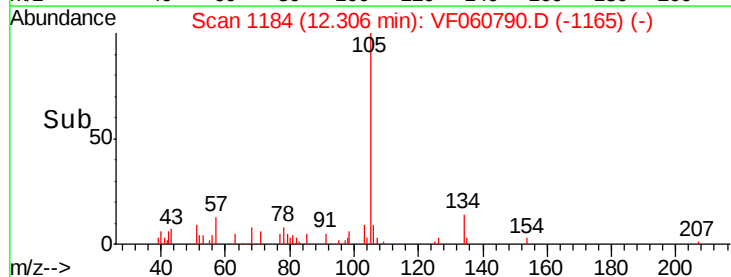
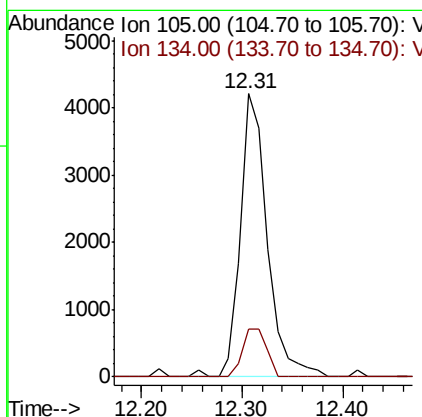
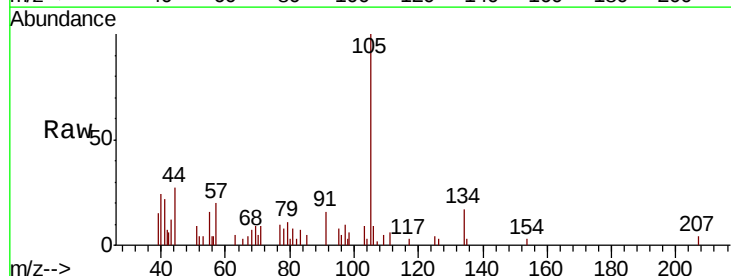
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

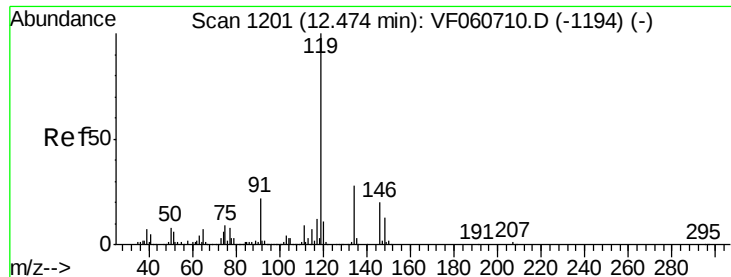
Tot Ion:105 Resp: 7857
 Ion Ratio Lower Upper
 105 100
 120 0.0 25.5 76.5#



#85
 sec-Butylbenzene
 Concen: 149.236 ug/l
 RT: 12.31 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Tgt Ion:105 Resp: 7857
 Ion Ratio Lower Upper
 105 100
 134 17.0 10.1 30.3





#86

p-Isopropyltoluene

Concen: 11.121 ug/l

RT: 12.47 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

Instrument :

MSVOA_F

ClientSampled :

SSI-21-TW-2

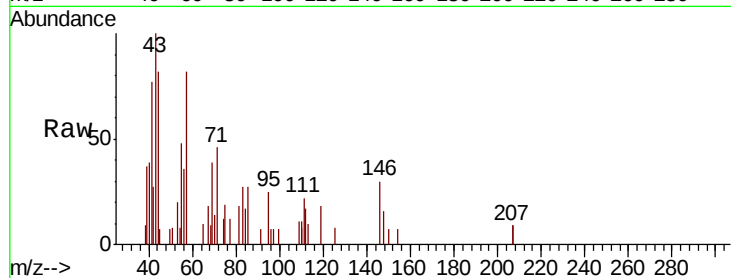
Tot Ion:119 Resp: 489

Ion Ratio Lower Upper

119 100

134 0.0 13.9 41.7#

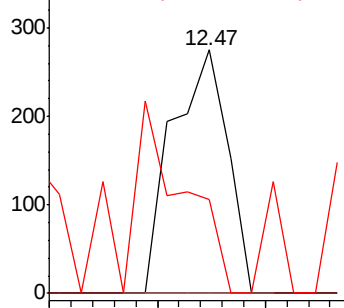
91 38.5 11.3 33.9#



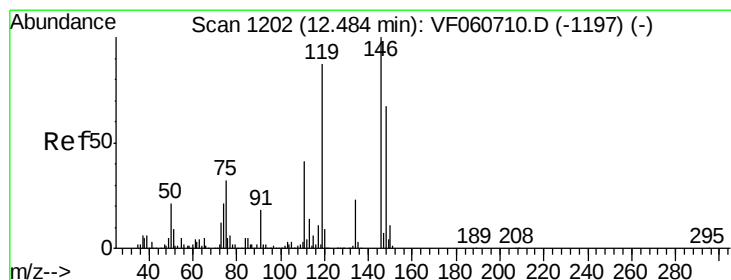
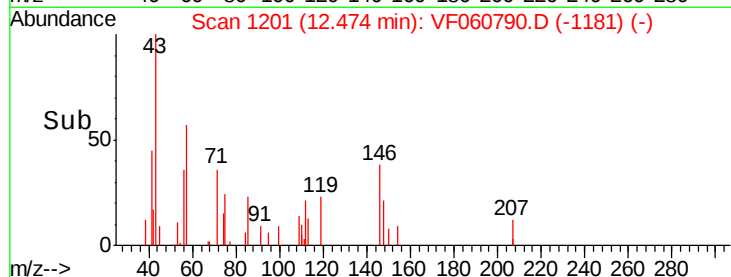
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time--> 12.40 12.45 12.50



#87

1,3-Dichlorobenzene

Concen: 47.241 ug/l

RT: 12.49 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VF060790.D

Acq: 19 Nov 2018 21:56

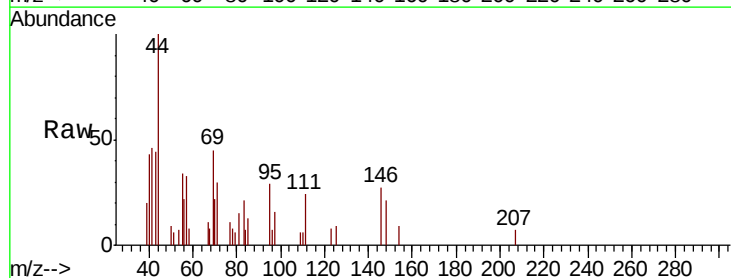
Tgt Ion:146 Resp: 901

Ion Ratio Lower Upper

146 100

111 90.5 20.3 60.8#

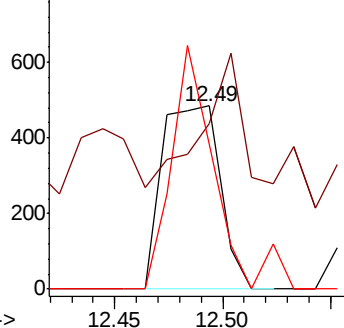
148 79.5 33.3 99.9



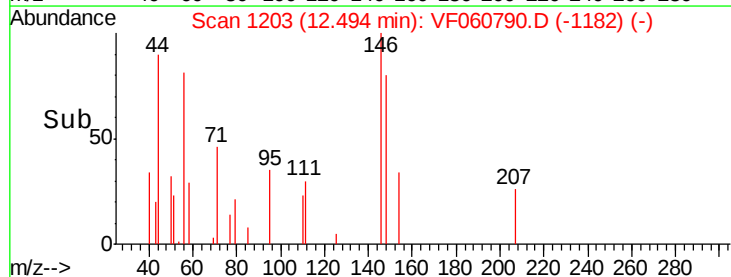
Abundance Ion 146.00 (145.70 to 146.70): V

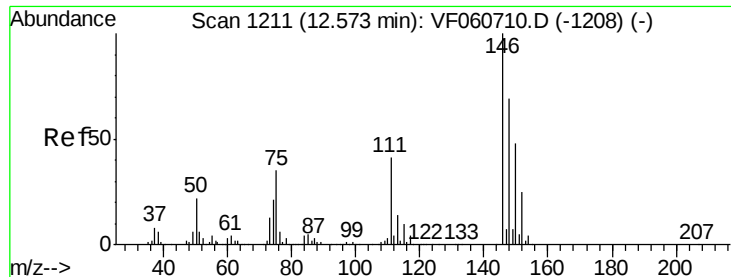
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



Time--> 12.45 12.50

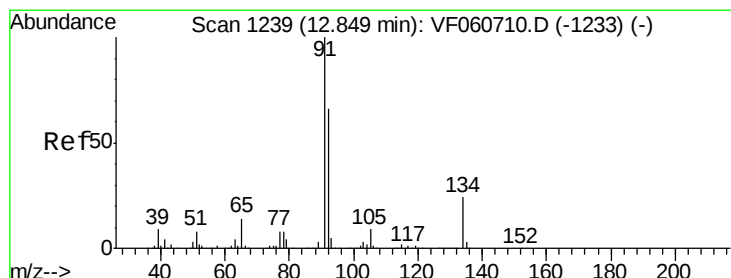
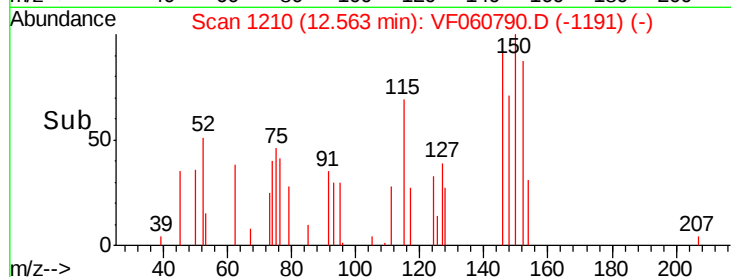
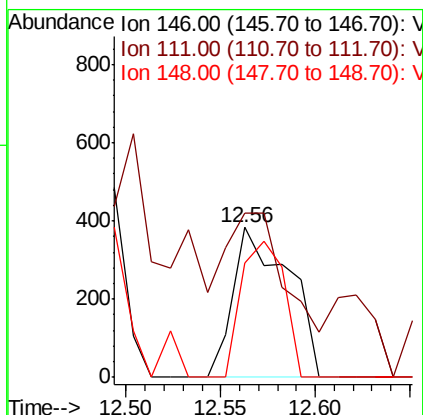
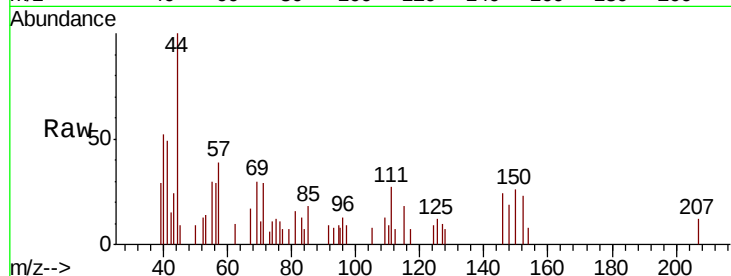




#88
 1,4-Dichlorobenzene
 Concen: 42.607 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

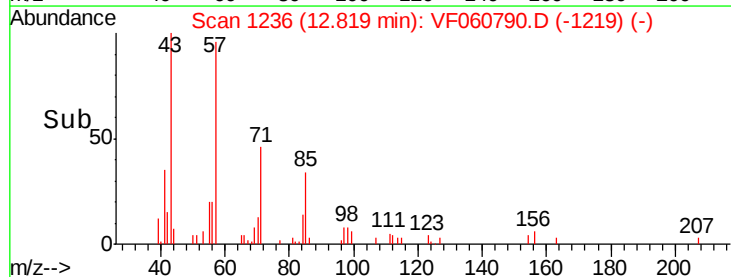
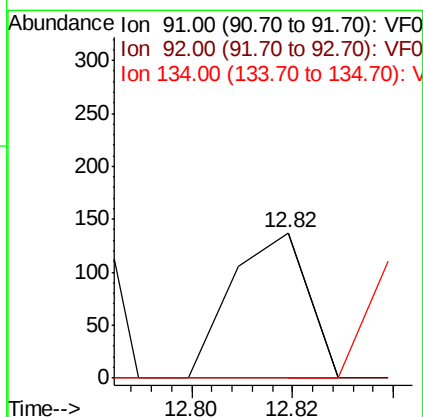
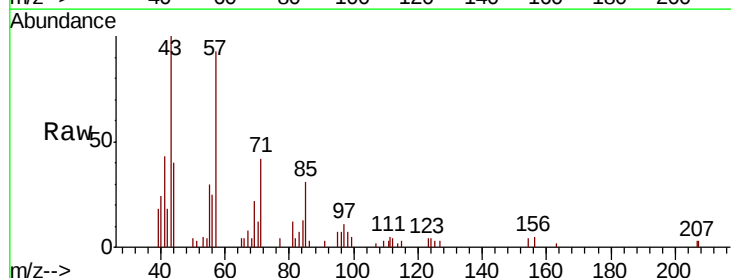
Instrument :
 MSVOA_F
 ClientSampled :
 SSI-21-TW-2

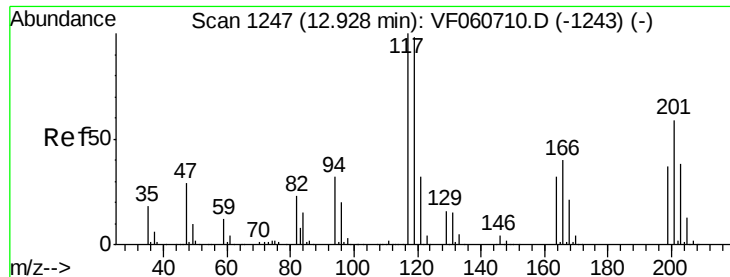
Tot Ion:146 Resp: 781
 Ion Ratio Lower Upper
 146 100
 111 109.4 20.6 61.9#
 148 76.5 34.7 104.1



#89
 n-Butylbenzene
 Concen: 3.187 ug/l
 RT: 12.82 min Scan# 1236
 Delta R.T. -0.03 min
 Lab File: VF060790.D
 Acq: 19 Nov 2018 21:56

Tgt Ion: 91 Resp: 143
 Ion Ratio Lower Upper
 91 100
 92 0.0 33.1 99.2#
 134 0.0 11.9 35.9#

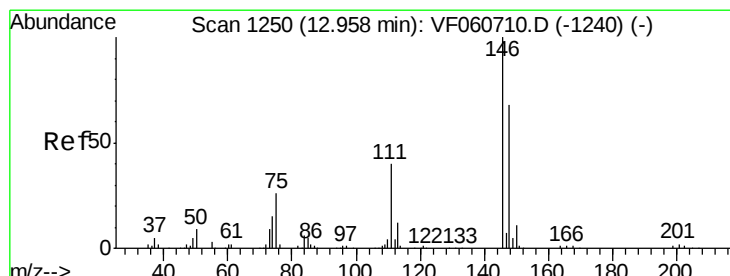
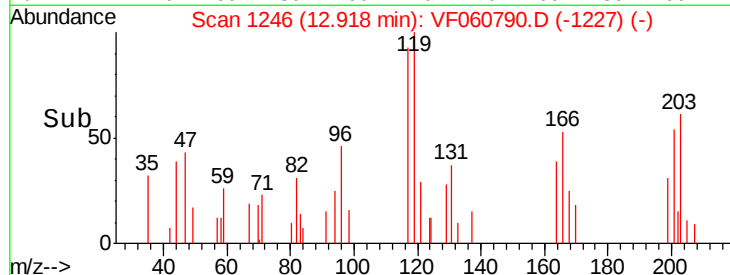
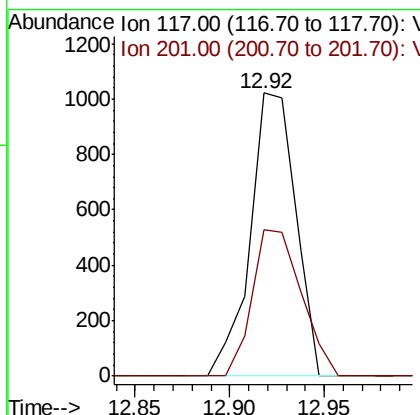
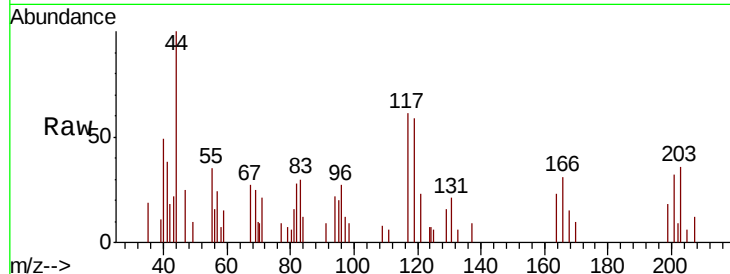




#90
Hexachloroethane
Concen: 158.718 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

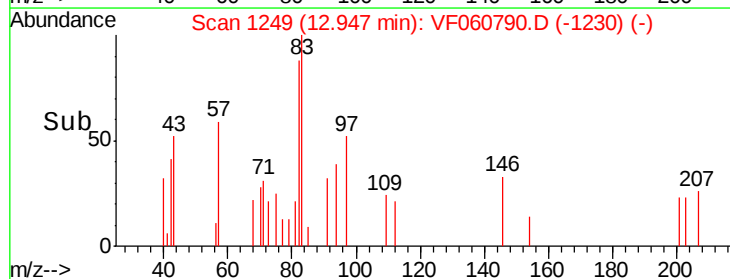
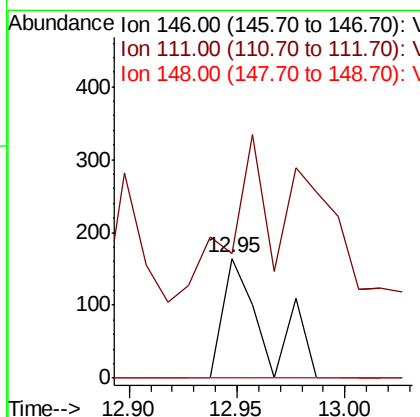
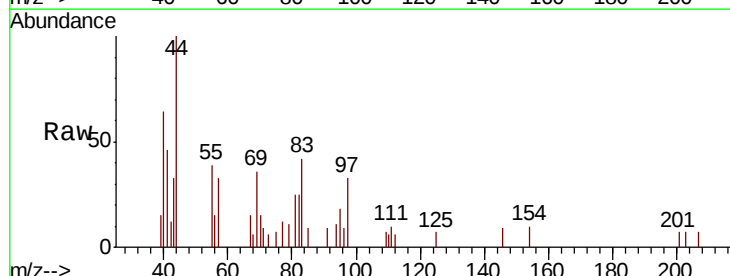
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

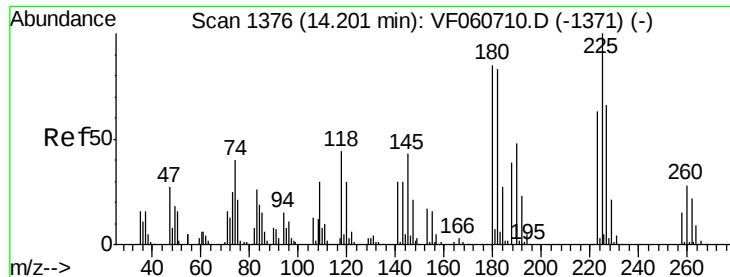
Tot Ion:117 Resp: 1707
Ion Ratio Lower Upper
117 100
201 51.8 29.4 88.3



#91
1,2-Dichlorobenzene
Concen: 12.362 ug/l
RT: 12.95 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

Tgt Ion:146 Resp: 222
Ion Ratio Lower Upper
146 100
111 104.3 20.3 60.8#
148 0.0 34.1 102.3#

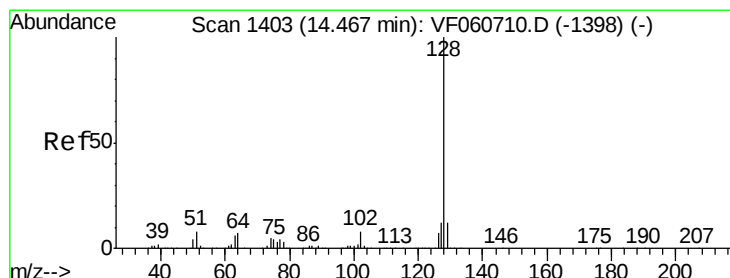
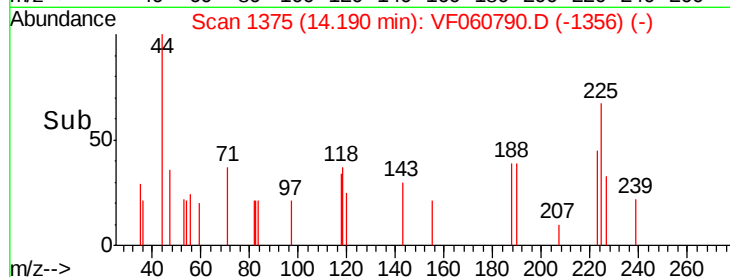
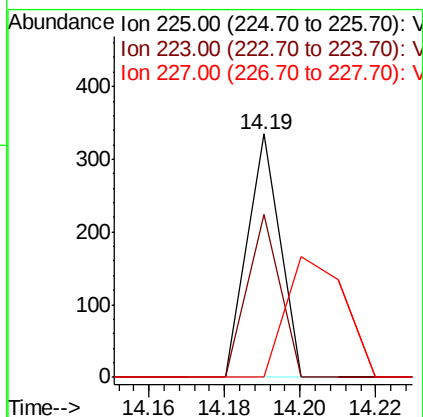
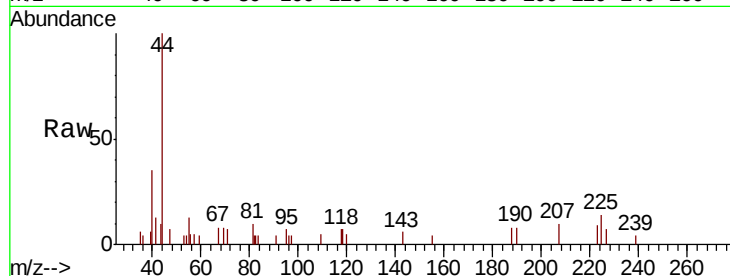




#94
Hexachlorobutadiene
Concen: 23.475 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

Instrument :
MSVOA_F
ClientSampled :
SSI-21-TW-2

Tot Ion:225 Resp: 198
Ion Ratio Lower Upper
225 100
223 66.9 31.5 94.5
227 0.0 33.0 99.0#



#95
Naphthalene
Concen: 3.524 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. -0.00 min
Lab File: VF060790.D
Acq: 19 Nov 2018 21:56

Tgt Ion:128 Resp: 83
Ion Ratio Lower Upper
128 100
127 0.0 9.8 14.6#
129 0.0 9.3 13.9#

