

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060806.D
 Acq On : 20 Nov 2018 16:18
 Operator : VA/AP
 Sample : J5950-08MS
 Misc : 6.38g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 20 16:45:02 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	103709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	208318	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	118153	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	47449	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	84531	71.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	142.92%	
35) Dibromofluoromethane	4.12	113	92632	59.16	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	118.32%	
50) Toluene-d8	7.56	98	182475	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
62) 4-Bromofluorobenzene	11.42	95	86884	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	121340	65.38	ug/l	99
3) Chloromethane	1.10	50	108306	94.09	ug/l	99
4) Vinyl Chloride	1.14	62	94708	91.98	ug/l	96
5) Bromomethane	1.32	94	60187	92.02	ug/l	99
6) Chloroethane	1.38	64	37856	93.97	ug/l	95
7) Trichlorofluoromethane	1.50	101	139455	61.24	ug/l	92
8) Diethyl Ether	1.63	74	29357	100.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.82	101	52454	48.88	ug/l	98
10) Methyl Iodide	1.89	142	147975	85.95	ug/l	95
11) Tert butyl alcohol	2.58	59	27520	511.18	ug/l #	92
12) 1,1-Dichloroethene	1.78	96	61170	72.30	ug/l	95
13) Acrolein	2.00	56	14301	290.52	ug/l	94
14) Allyl chloride	2.10	41	122703	82.78	ug/l	93
15) Acrylonitrile	2.95	53	65872	574.21	ug/l	95
16) Acetone	2.24	43	144296	570.70	ug/l	98
17) Carbon Disulfide	1.76	76	40565	15.86	ug/l #	90
18) Methyl Acetate	2.43	43	62632	150.86	ug/l	97
19) Methyl tert-butyl Ether	2.43	73	194232	95.69	ug/l	97
20) Methylene Chloride	2.19	84	33646	39.44	ug/l	96
21) trans-1,2-Dichloroethene	2.31	96	70665	79.94	ug/l	93
22) Diisopropyl ether	2.80	45	261521	91.39	ug/l	97
23) Vinyl Acetate	3.19	43	518235	384.57	ug/l	98
24) 1,1-Dichloroethane	2.88	63	138473	79.93	ug/l	100
25) 2-Butanone	4.34	43	197399	474.65	ug/l	99
26) 2,2-Dichloropropane	3.61	77	73713	54.07	ug/l	97
27) cis-1,2-Dichloroethene	3.49	96	166179	110.51	ug/l	94
28) Bromochloromethane	3.72	49	74612	82.87	ug/l	92
29) Tetrahydrofuran	4.08	42	91791	535.09	ug/l	99
30) Chloroform	3.87	83	202067	72.69	ug/l	99
31) Cyclohexane	3.71	56	76256	36.26	ug/l	96
32) 1,1,1-Trichloroethane	4.10	97	125314	57.25	ug/l	98
36) 1,1-Dichloropropene	4.29	75	107507	44.50	ug/l	97
37) Ethyl Acetate	4.11	43	74543	82.99	ug/l #	62
38) Carbon Tetrachloride	4.00	117	121108	51.66	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	91165	32.53	ug/l	93
40) Benzene	4.64	78	305785	56.78	ug/l	99
41) Methacrylonitrile	4.75	41	45975	100.36	ug/l	90
42) 1,2-Dichloroethane	4.95	62	131153	70.47	ug/l	99
43) Isopropyl Acetate	6.97	43	79877	67.07	ug/l #	93
44) Trichloroethene	5.51	130	80422	47.33	ug/l	100
45) 1,2-Dichloropropane	6.24	63	85133	60.75	ug/l	95
46) Dibromomethane	6.09	93	65099	70.37	ug/l	88
47) Bromodichloromethane	6.40	83	128247	54.29	ug/l	99
48) Methyl methacrylate	6.72	41	58195	73.84	ug/l	98
49) 1,4-Dioxane	6.71	88	12174	1651.54	ug/l #	47
51) 4-Methyl-2-Pentanone	8.26	43	415409	482.29	ug/l	96
52) Toluene	7.63	92	192321	53.29	ug/l	94
53) t-1,3-Dichloropropene	8.29	75	101097	53.43	ug/l	97
54) cis-1,3-Dichloropropene	7.32	75	131975	53.70	ug/l	98
55) 1,1,2-Trichloroethane	8.50	97	61962	60.09	ug/l	90
56) Ethyl methacrylate	8.64	69	417476	356.48	ug/l #	85
57) 1,3-Dichloropropane	8.86	76	103592	57.97	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.63	63	30721	287.17	ug/l	100
59) 2-Hexanone	9.51	43	249009	411.37	ug/l	98
60) Dibromochloromethane	8.73	129	77070	52.44	ug/l	96
61) 1,2-Dibromoethane	9.00	107	56499	52.10	ug/l	99
64) Tetrachloroethene	8.16	164	46552	49.75	ug/l	96
65) Chlorobenzene	9.81	112	135858	56.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.94	131	70246	67.55	ug/l	97
67) Ethyl Benzene	9.91	91	286985	63.86	ug/l	95
68) m/p-Xylenes	10.15	106	322358	200.71	ug/l	89
69) o-Xylene	10.73	106	172507	95.53	ug/l	98
70) Styrene	10.80	104	117202	47.83	ug/l	92
71) Bromoform	10.79	173	34955	74.75	ug/l #	96
73) Isopropylbenzene	11.13	105	164153	42.98	ug/l	94
74) N-amyl acetate	11.41	43	293468	337.53	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	11.69	83	195185	309.11	ug/l #	1
76) 1,2,3-Trichloropropane	11.80	75	51781	110.42	ug/l #	35
77) Bromobenzene	11.51	156	48159	60.58	ug/l	83
78) n-propylbenzene	11.61	91	206189	46.29	ug/l	96
79) 2-Chlorotoluene	11.73	91	162556	62.79	ug/l	90
80) 1,3,5-Trimethylbenzene	11.84	105	891433	293.99	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.88	75	21103	91.59	ug/l #	3
82) 4-Chlorotoluene	11.91	91	117410	44.27	ug/l #	50
83) tert-Butylbenzene	12.15	119	167486	52.02	ug/l	93
84) 1,2,4-Trimethylbenzene	12.22	105	457651	145.94	ug/l	90
85) sec-Butylbenzene	12.33	105	117075	26.81	ug/l	96
86) p-Isopropyltoluene	12.44	119	256122	70.22	ug/l #	83
87) 1,3-Dichlorobenzene	12.49	146	50573	31.97	ug/l #	11
88) 1,4-Dichlorobenzene	12.58	146	62951	41.40	ug/l #	10
89) n-Butylbenzene	12.85	91	268087	72.02	ug/l #	1
90) Hexachloroethane	12.94	117	27219	30.51	ug/l	77
91) 1,2-Dichlorobenzene	12.96	146	64152	43.06	ug/l #	55
92) 1,2-Dibromo-3-Chloropropan	13.65	75	16482	138.88	ug/l	78

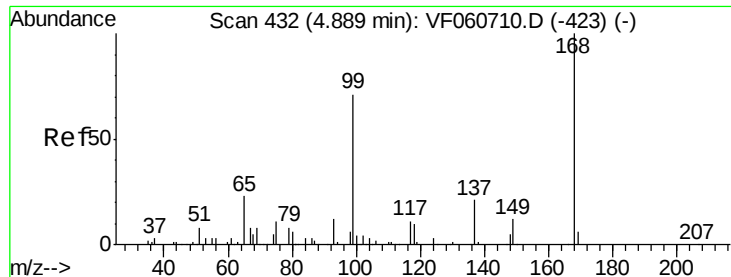
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	24990	23.34	ug/l	89
94) Hexachlorobutadiene	14.20	225	6864	9.81	ug/l	92
95) Naphthalene	14.47	128	126673	64.84	ug/l #	65
96) 1,2,3-Trichlorobenzene	14.61	180	15869	16.04	ug/l	85

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

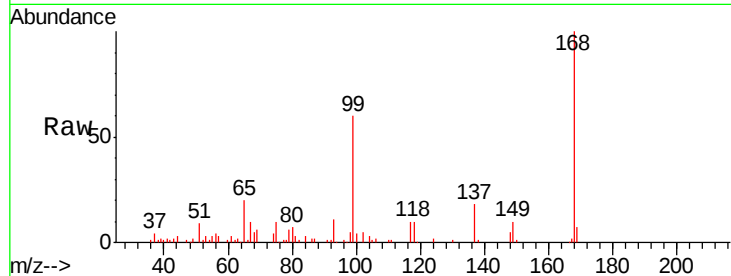
SSI-21-TW-2

Tgt Ion:168 Resp: 103709

Ion Ratio Lower Upper

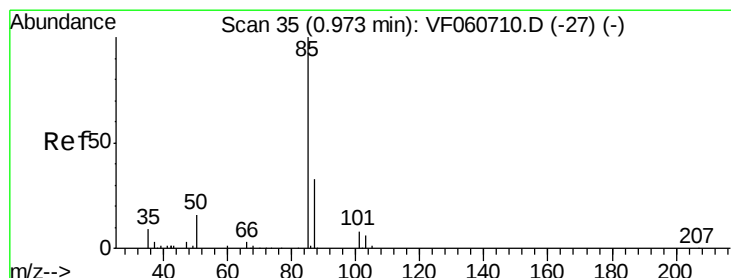
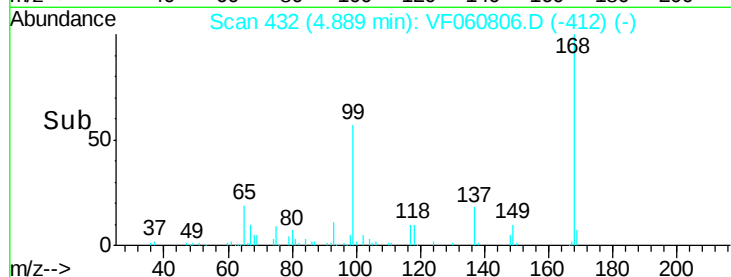
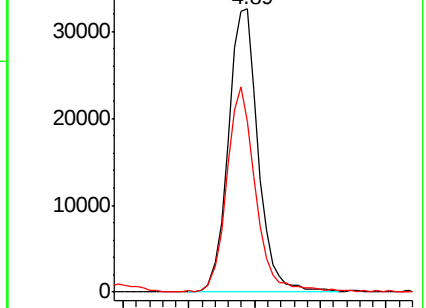
168 100

99 60.1 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: 65.38 ug/l

RT: 0.96 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF060806.D

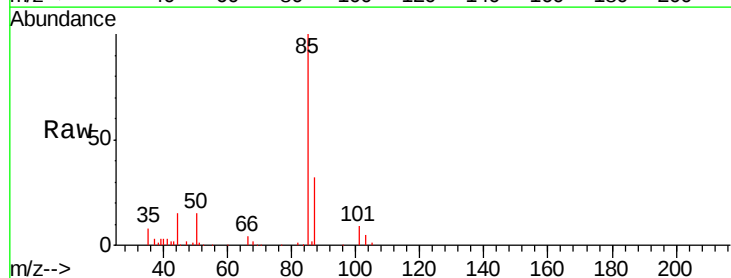
Acq: 20 Nov 2018 16:18

Tgt Ion: 85 Resp: 121340

Ion Ratio Lower Upper

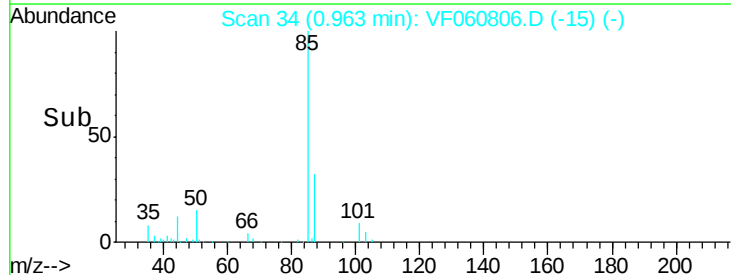
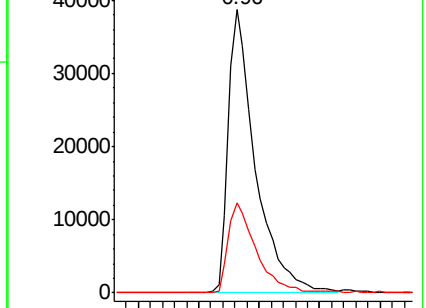
85 100

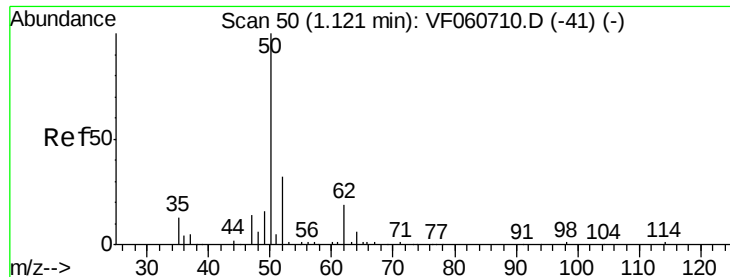
87 32.0 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 94.09 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.02 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

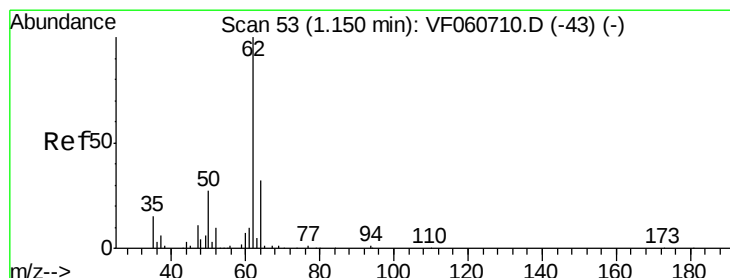
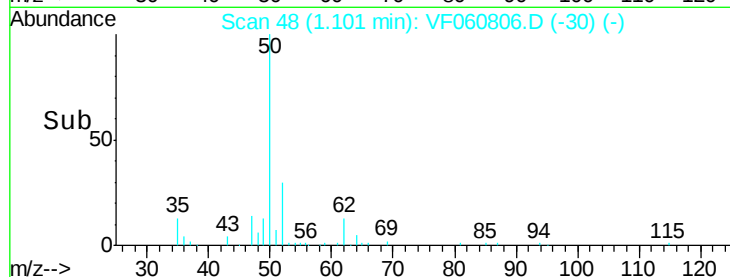
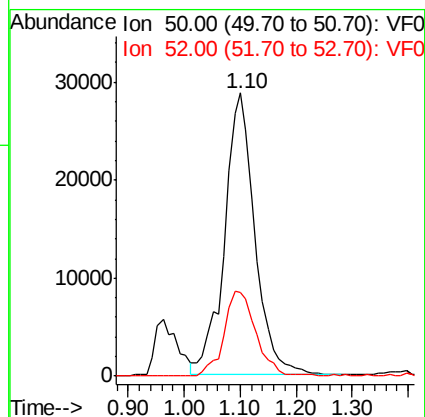
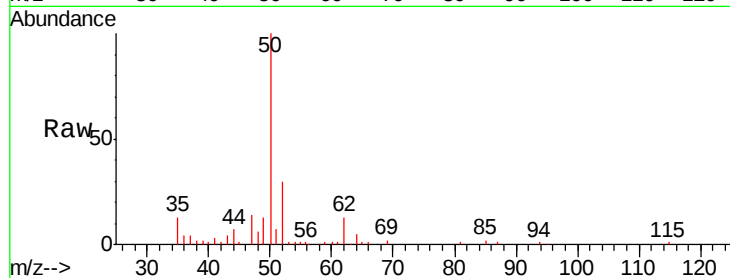
SSI-21-TW-2

Tgt Ion: 50 Resp: 108306

Ion Ratio Lower Upper

50 100

52 29.7 24.2 36.2



#4

Vinyl Chloride

Concen: 91.98 ug/l

RT: 1.14 min Scan# 52

Delta R.T. -0.01 min

Lab File: VF060806.D

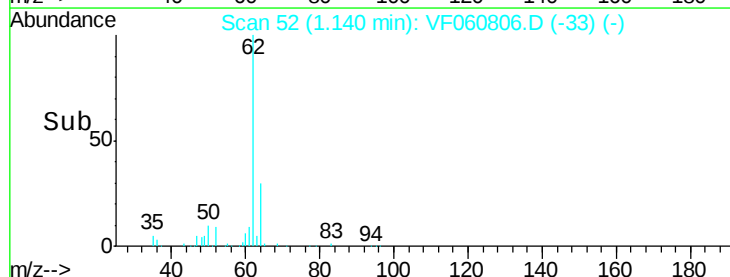
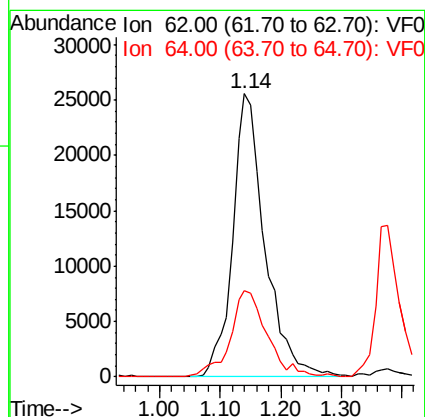
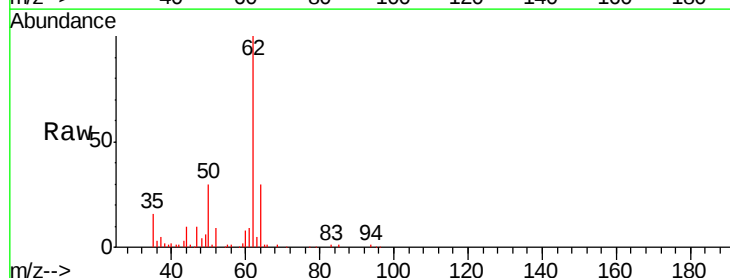
Acq: 20 Nov 2018 16:18

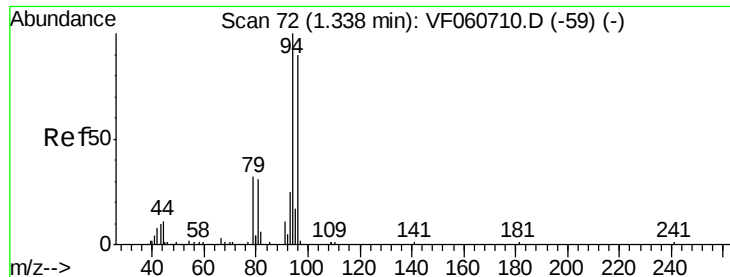
Tgt Ion: 62 Resp: 94708

Ion Ratio Lower Upper

62 100

64 30.3 25.8 38.8





#5

Bromomethane

Concen: 92.02 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.02 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

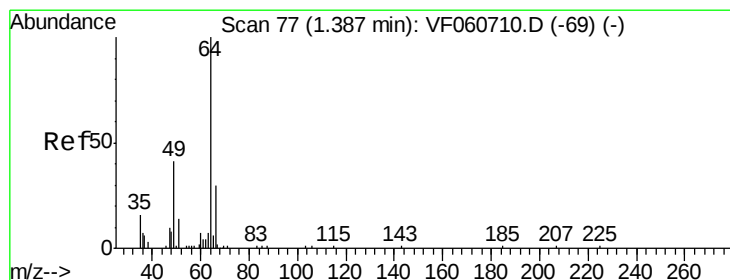
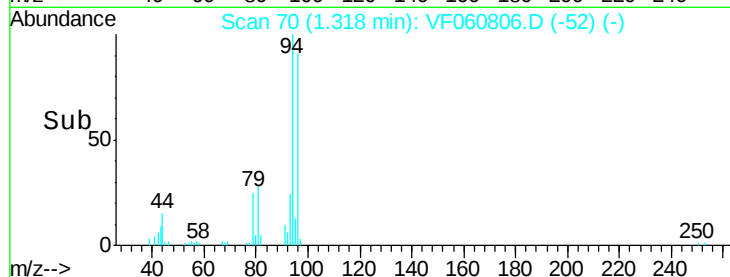
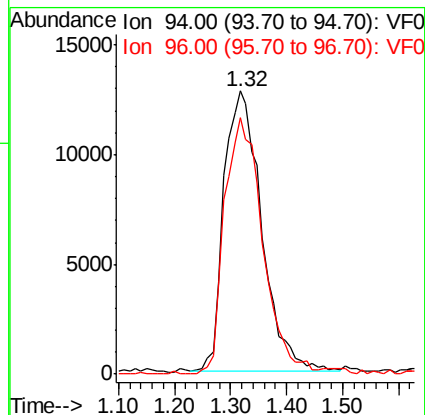
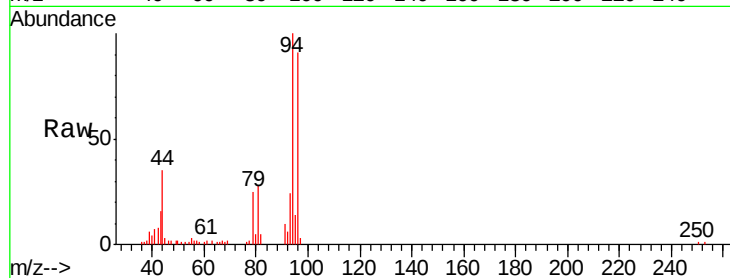
SSI-21-TW-2

Tgt Ion: 94 Resp: 60187

Ion Ratio Lower Upper

94 100

96 90.8 71.9 107.9



#6

Chloroethane

Concen: 93.97 ug/l

RT: 1.38 min Scan# 76

Delta R.T. -0.01 min

Lab File: VF060806.D

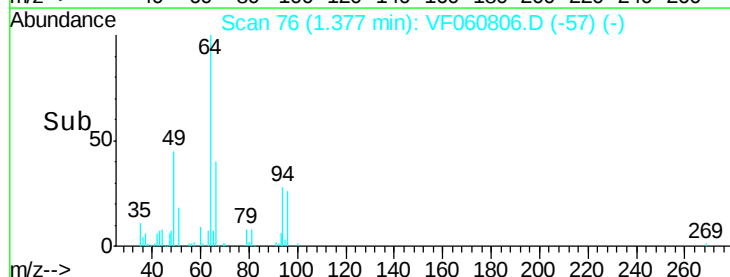
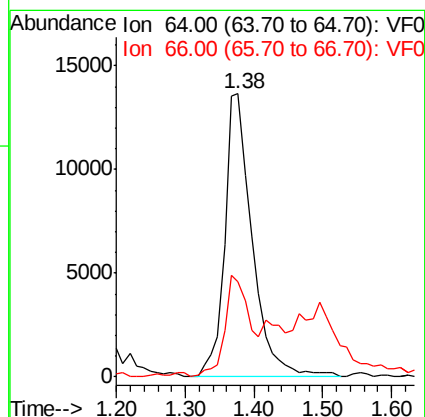
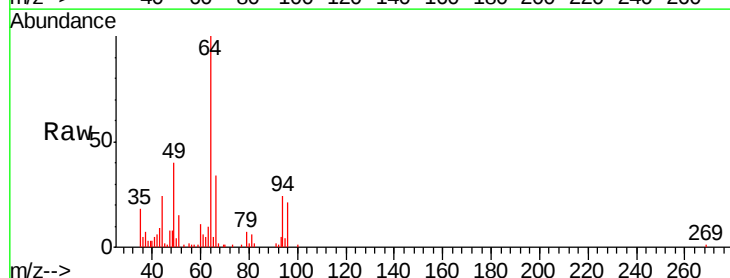
Acq: 20 Nov 2018 16:18

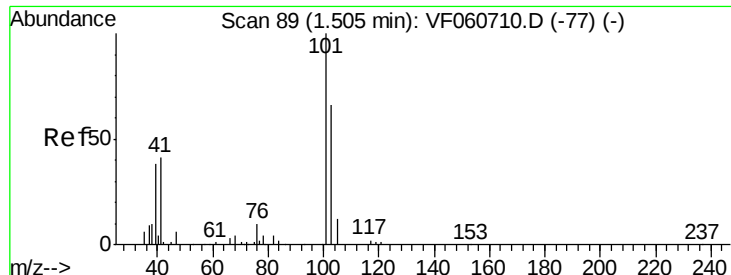
Tgt Ion: 64 Resp: 37856

Ion Ratio Lower Upper

64 100

66 33.6 24.8 37.2





#7

Trichlorofluoromethane

Concen: 61.24 ug/l

RT: 1.50 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

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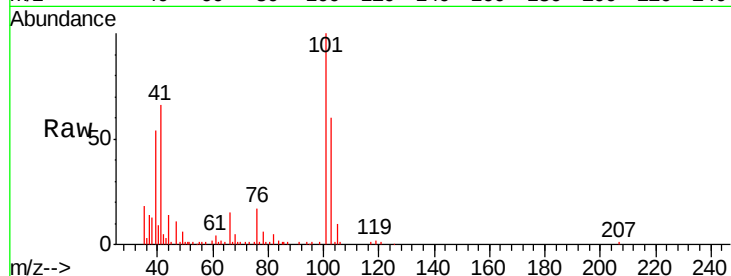
SSI-21-TW-2

Tgt Ion:101 Resp: 139455

Ion Ratio Lower Upper

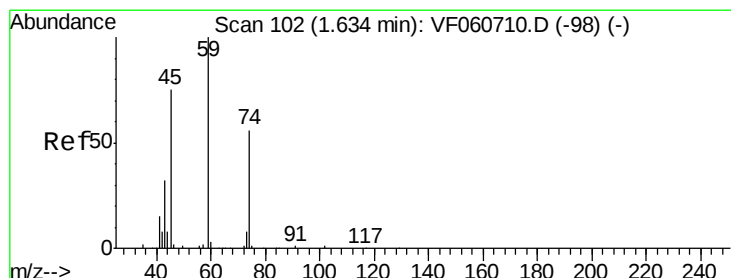
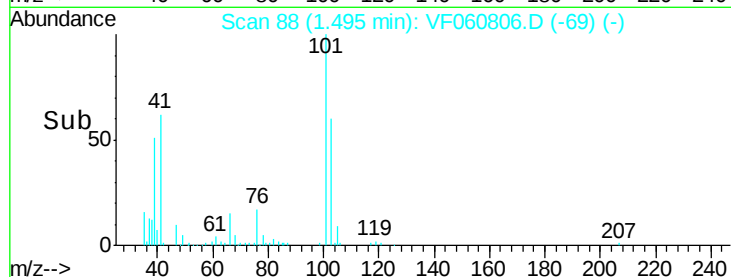
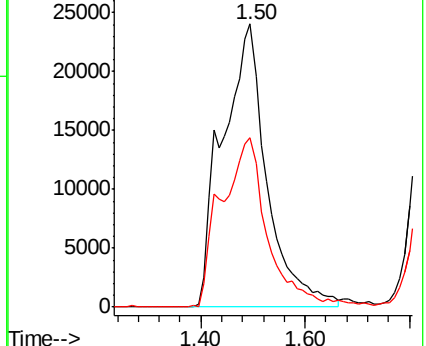
101 100

103 59.7 53.1 79.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 100.63 ug/l

RT: 1.63 min Scan# 102

Delta R.T. -0.00 min

Lab File: VF060806.D

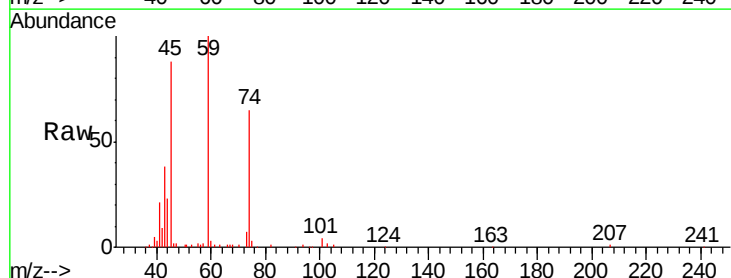
Acq: 20 Nov 2018 16:18

Tgt Ion: 74 Resp: 29357

Ion Ratio Lower Upper

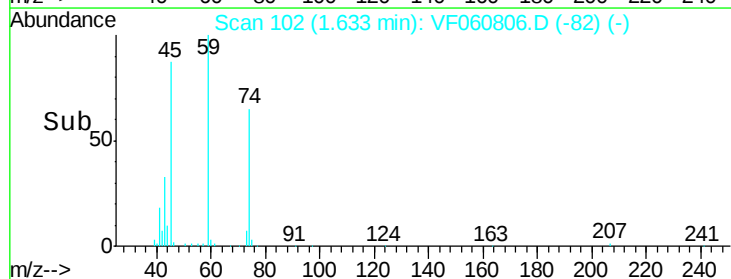
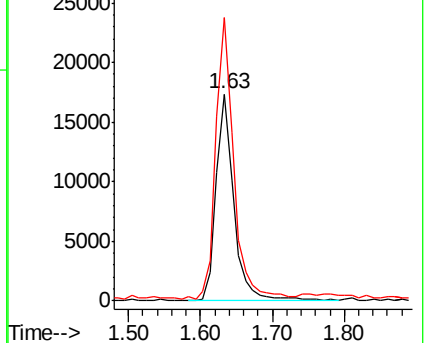
74 100

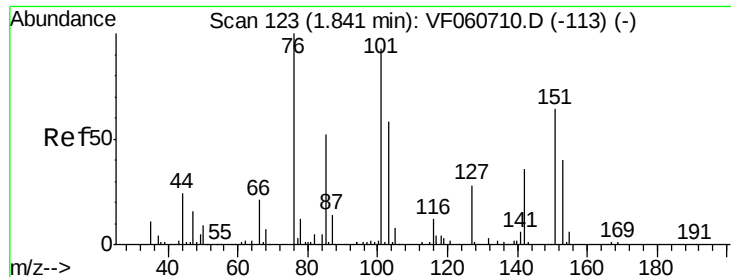
45 137.0 67.7 203.1



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.88 ug/l

RT: 1.82 min Scan# 121

Delta R.T. -0.02 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

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ClientSampleId :

SSI-21-TW-2

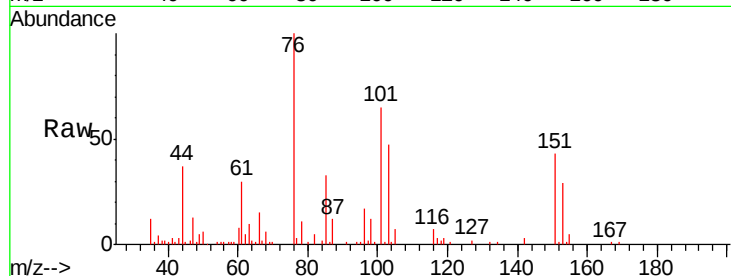
Tgt Ion:101 Resp: 52454

Ion Ratio Lower Upper

101 100

85 51.3 43.6 65.4

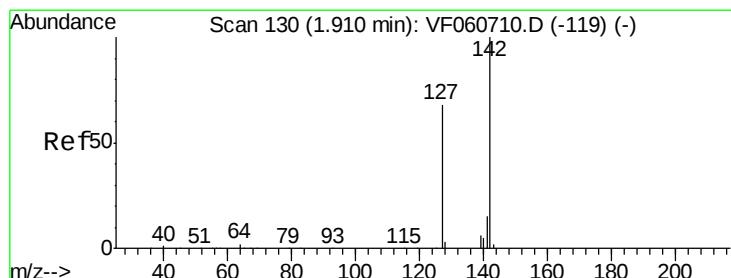
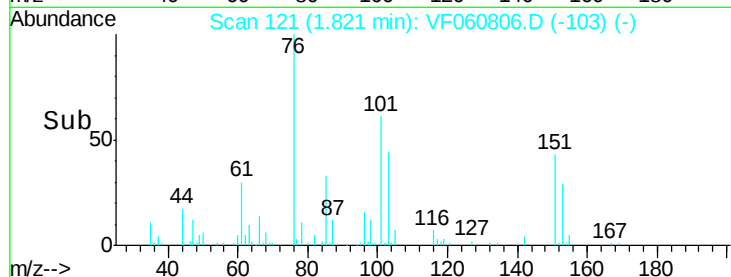
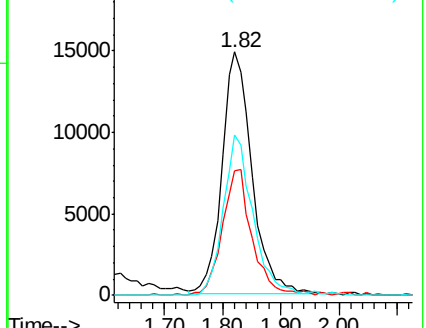
151 66.1 53.1 79.7



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: 85.95 ug/l

RT: 1.89 min Scan# 128

Delta R.T. -0.02 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

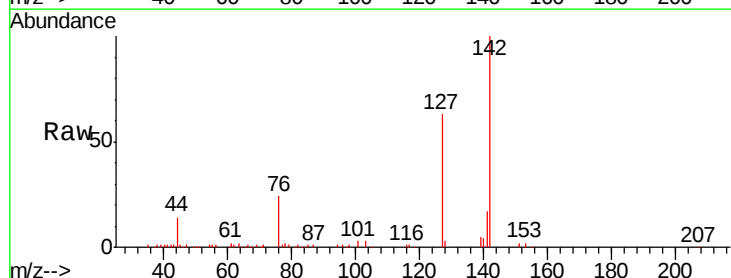
Tgt Ion:142 Resp: 147975

Ion Ratio Lower Upper

142 100

127 63.1 54.0 81.0

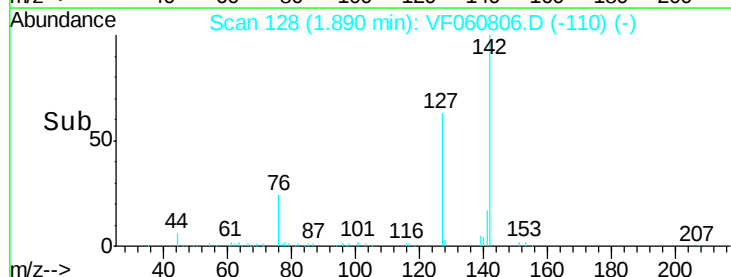
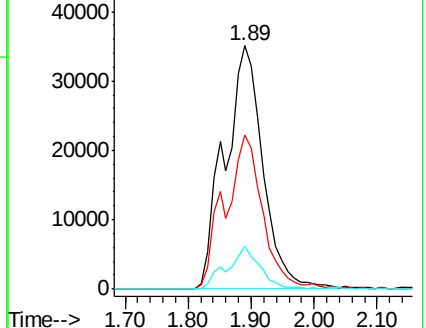
141 17.3 12.3 18.5

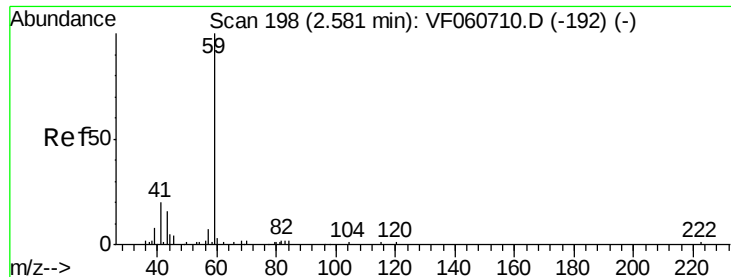


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

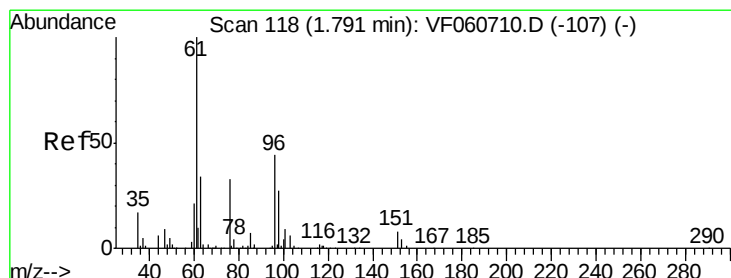
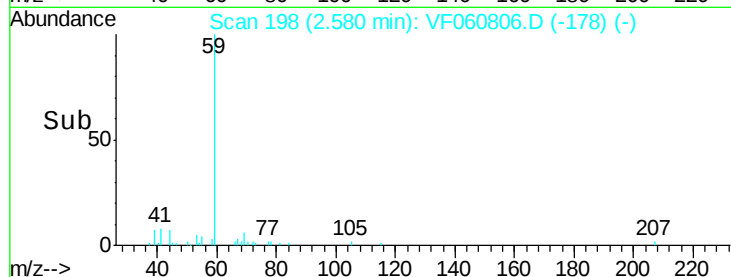
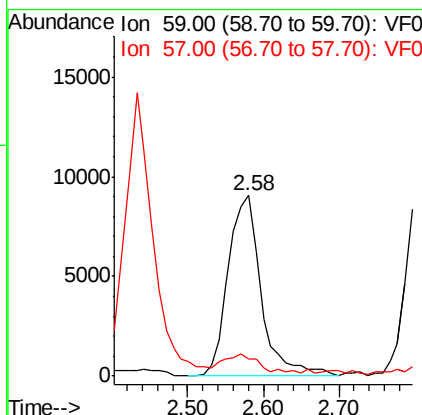
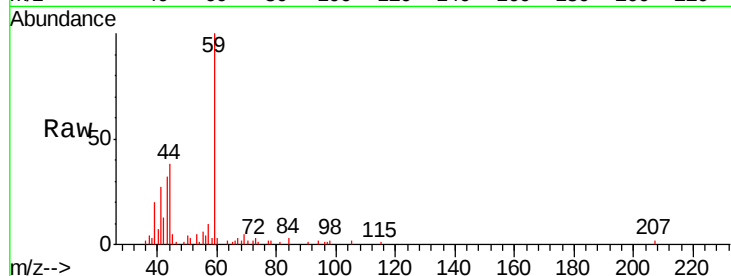




#11
Tert butyl alcohol
Concen: 511.18 ug/l
RT: 2.58 min Scan# 198
Delta R.T. -0.00 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

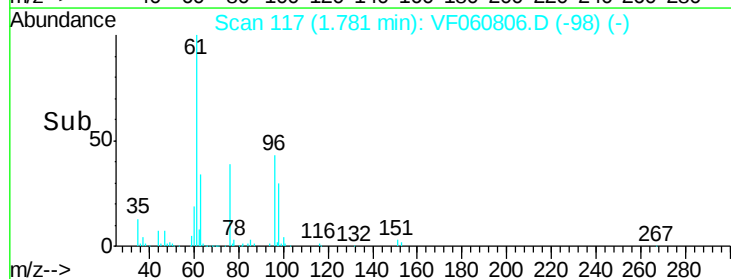
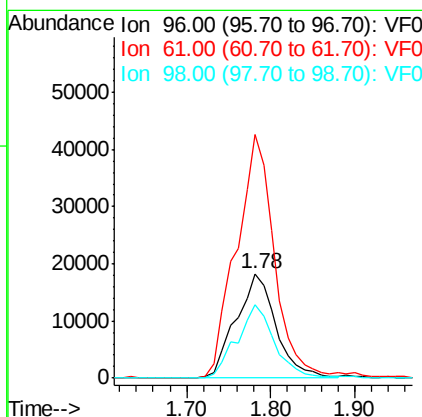
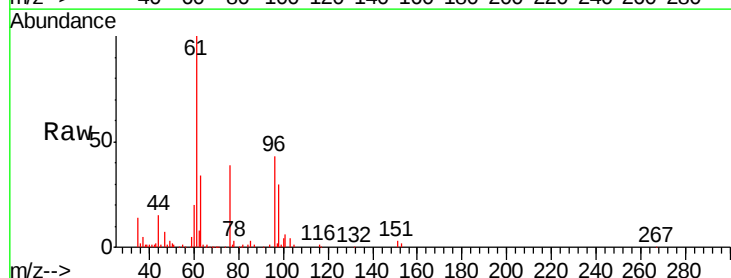
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

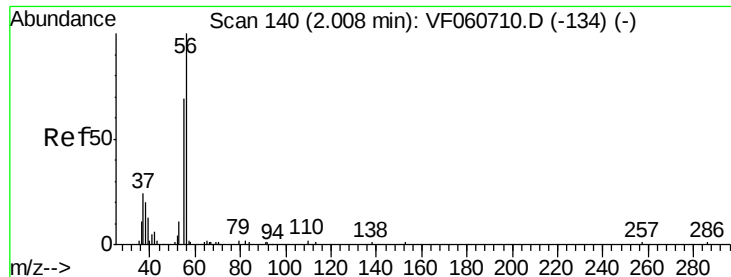
Tgt Ion: 59 Resp: 27520
Ion Ratio Lower Upper
59 100
57 9.8 10.5 15.7#



#12
1,1-Dichloroethene
Concen: 72.30 ug/l
RT: 1.78 min Scan# 117
Delta R.T. -0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

Tgt Ion: 96 Resp: 61170
Ion Ratio Lower Upper
96 100
61 232.7 182.2 273.2
98 69.8 49.2 73.8





#13

Acrolein

Concen: 290.52 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

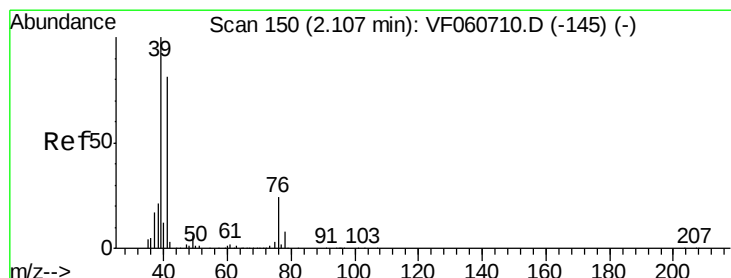
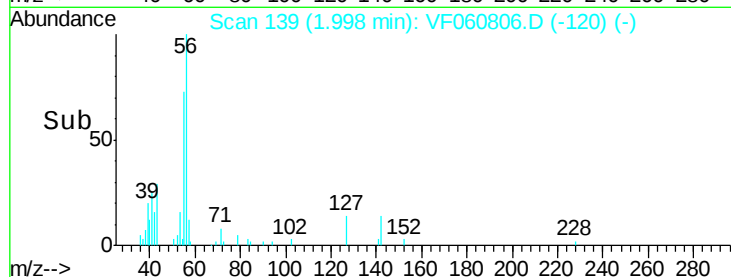
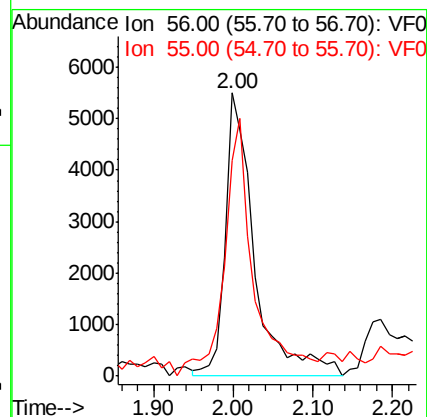
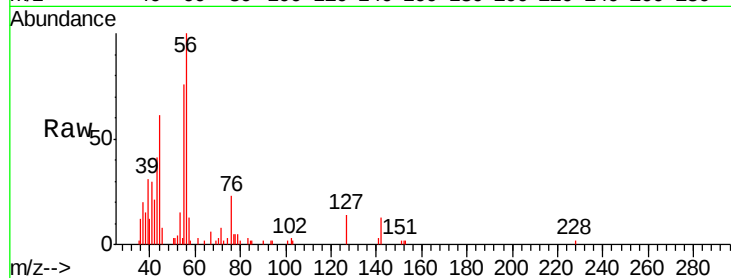
SSI-21-TW-2

Tgt Ion: 56 Resp: 14301

Ion Ratio Lower Upper

56 100

55 76.1 56.6 85.0



#14

Allyl chloride

Concen: 82.78 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

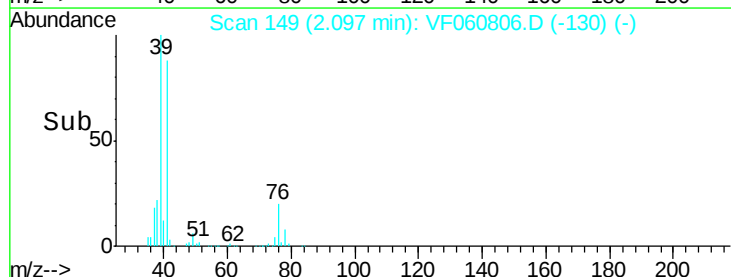
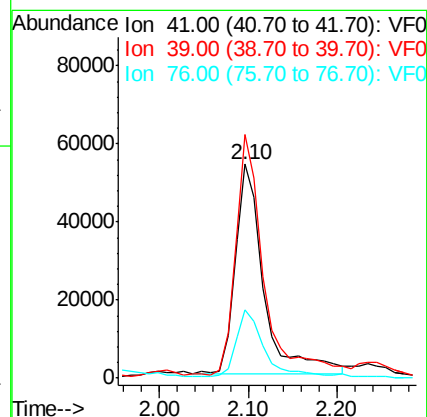
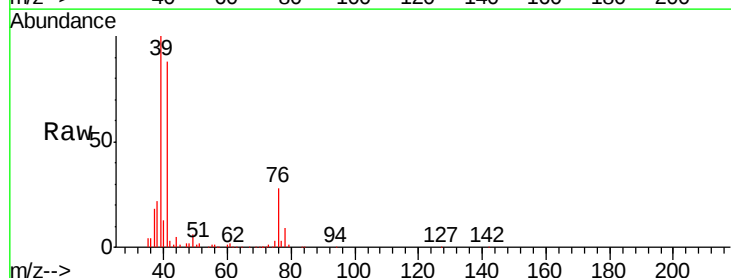
Tgt Ion: 41 Resp: 122703

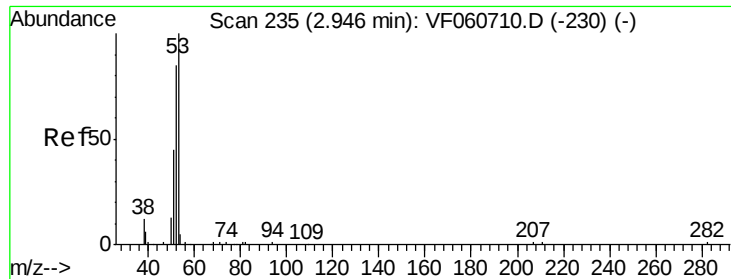
Ion Ratio Lower Upper

41 100

39 114.0 98.5 147.7

76 32.0 24.5 36.7





#15

Acrylonitrile

Concen: 574.21 ug/l

RT: 2.95 min Scan# 235

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

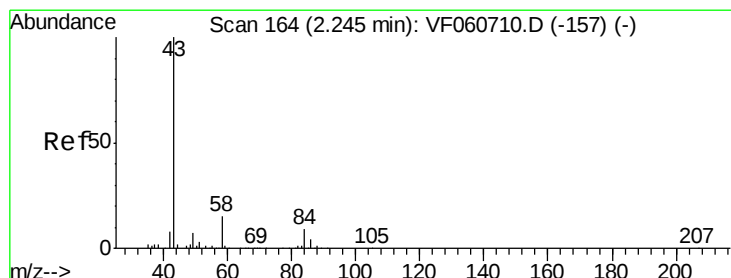
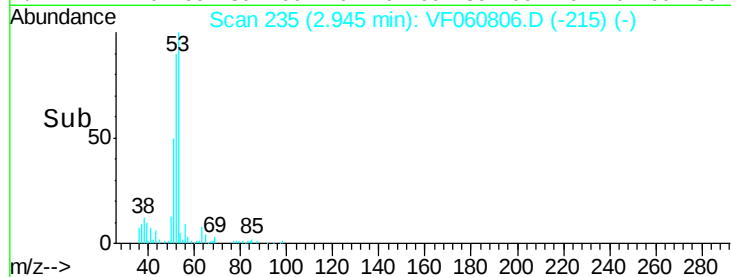
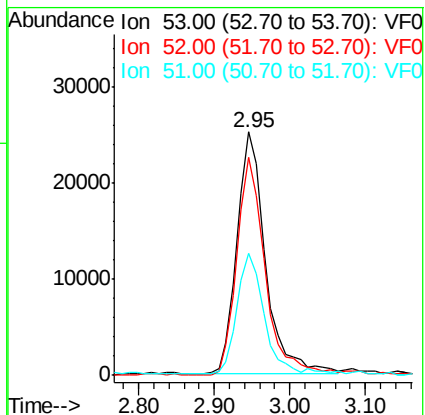
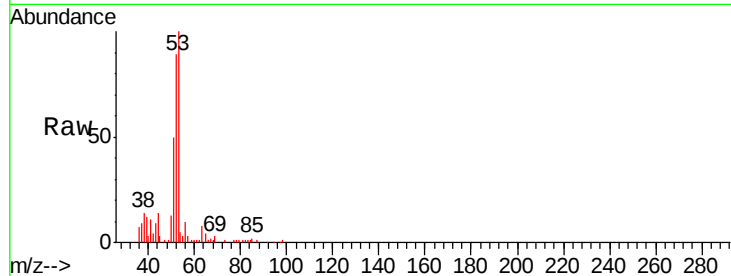
Tgt Ion: 53 Resp: 65872

Ion Ratio Lower Upper

53 100

52 89.3 68.8 103.2

51 50.1 36.7 55.1



#16

Acetone

Concen: 570.70 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF060806.D

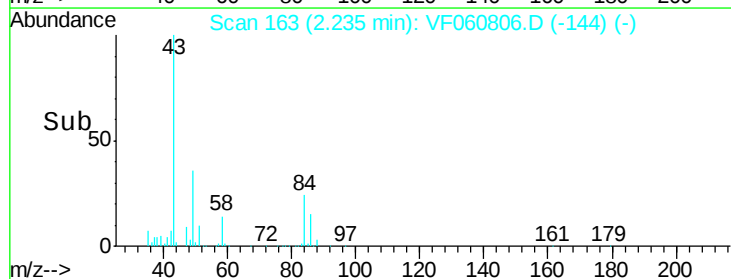
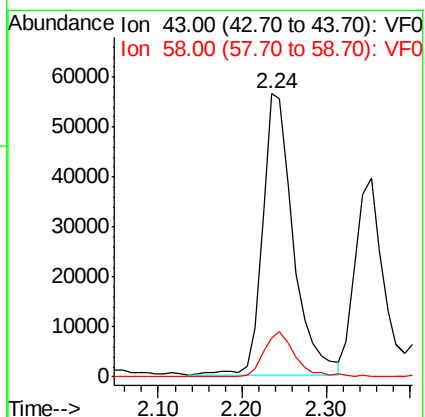
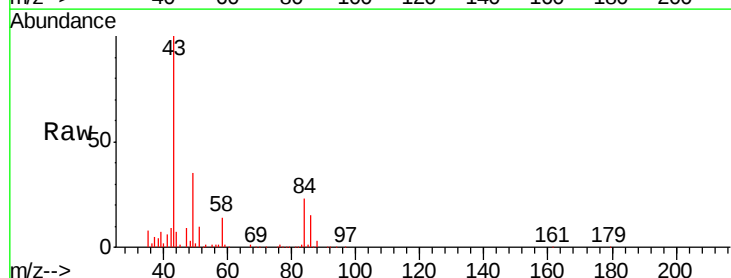
Acq: 20 Nov 2018 16:18

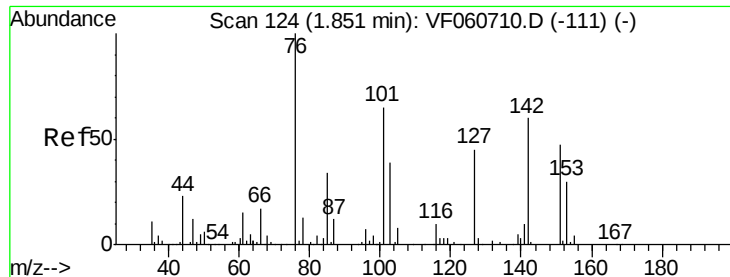
Tgt Ion: 43 Resp: 144296

Ion Ratio Lower Upper

43 100

58 13.6 11.6 17.4

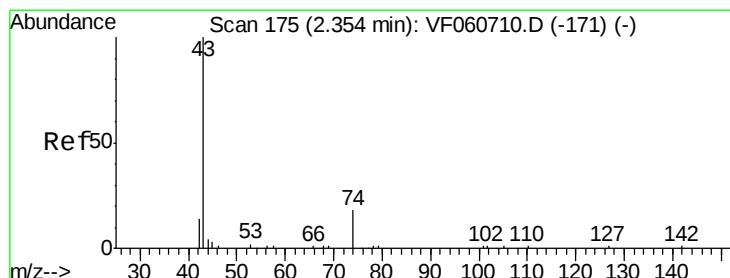
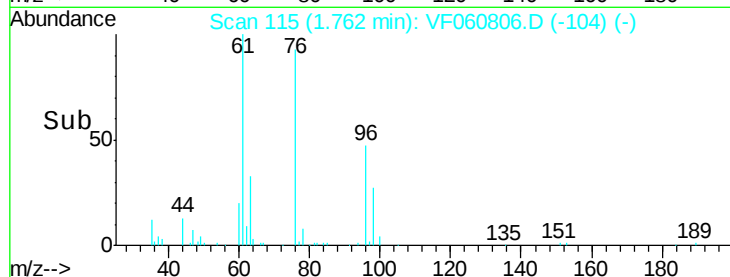
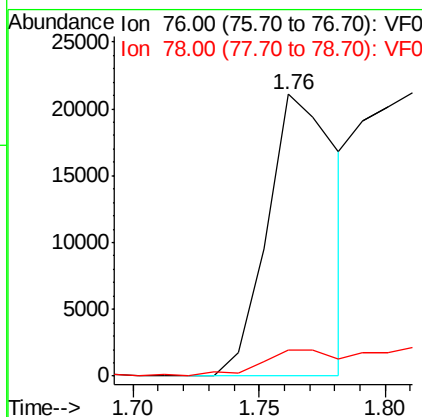
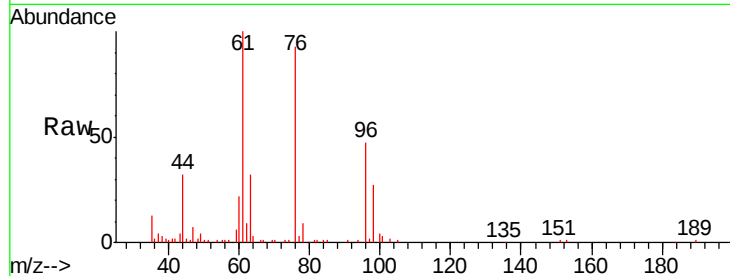




#17
Carbon Disulfide
Concen: 15.86 ug/l
RT: 1.76 min Scan# 115
Delta R.T. -0.09 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

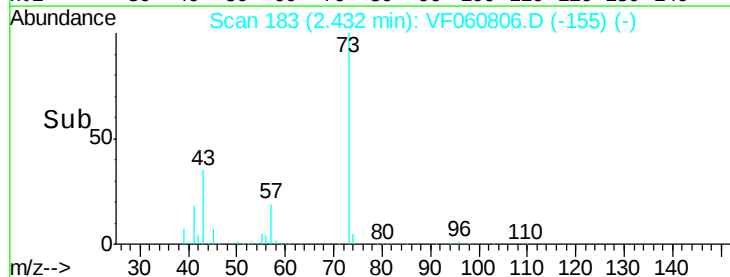
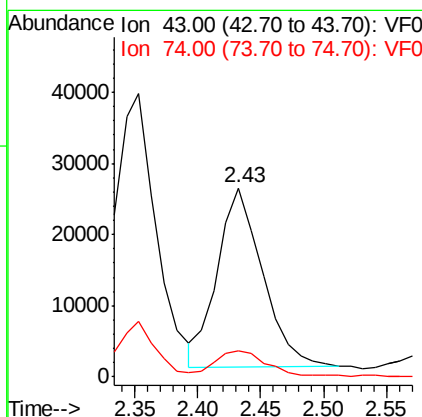
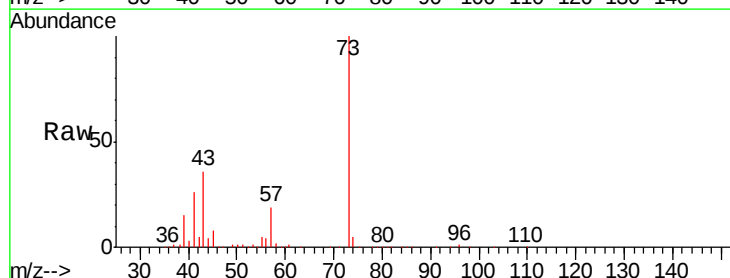
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

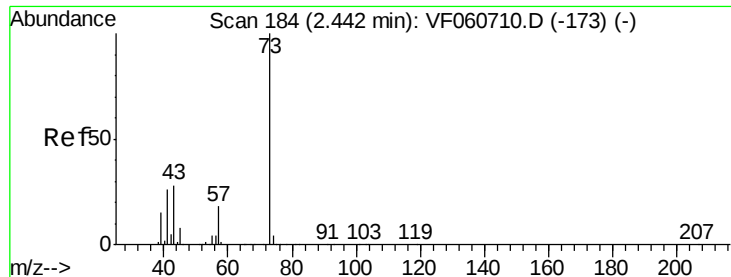
Tgt Ion: 76 Resp: 40565
Ion Ratio Lower Upper
76 100
78 9.3 10.5 15.7#



#18
Methyl Acetate
Concen: 150.86 ug/l
RT: 2.43 min Scan# 183
Delta R.T. 0.08 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

Tgt Ion: 43 Resp: 62632
Ion Ratio Lower Upper
43 100
74 13.6 11.8 17.8





#19

Methyl tert-butyl Ether

Concen: 95.69 ug/l

RT: 2.43 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

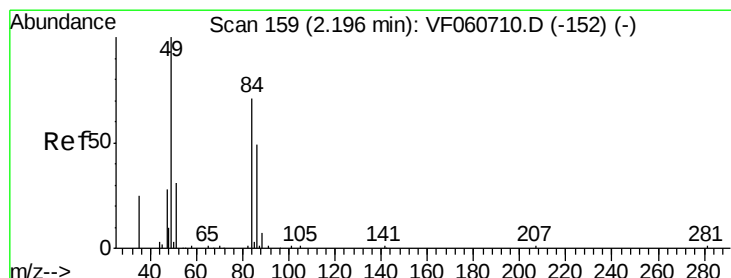
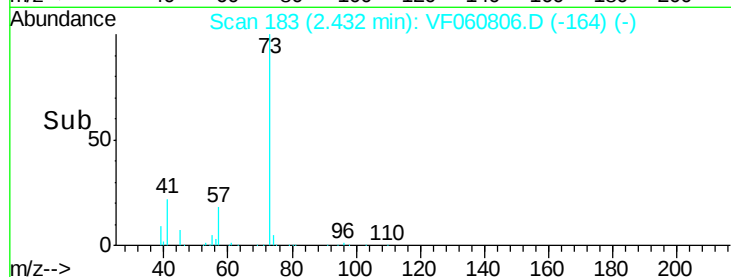
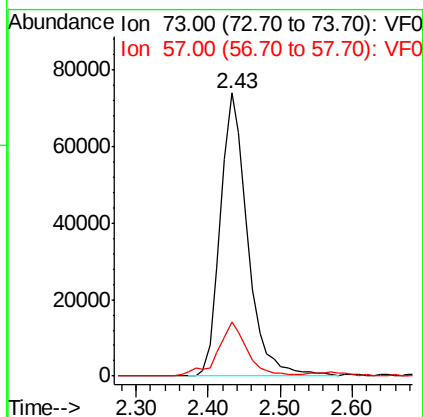
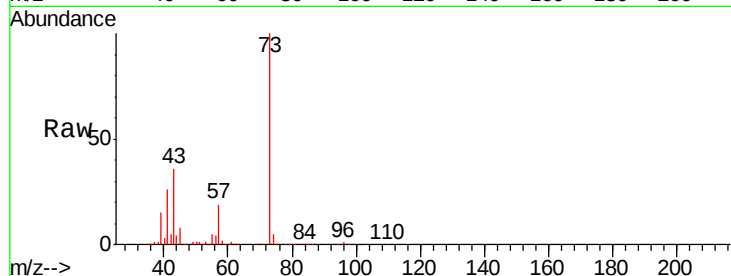
SSI-21-TW-2

Tgt Ion: 73 Resp: 194232

Ion Ratio Lower Upper

73 100

57 19.2 14.3 21.5



#20

Methylene Chloride

Concen: 39.44 ug/l

RT: 2.19 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Tgt Ion: 84 Resp: 33646

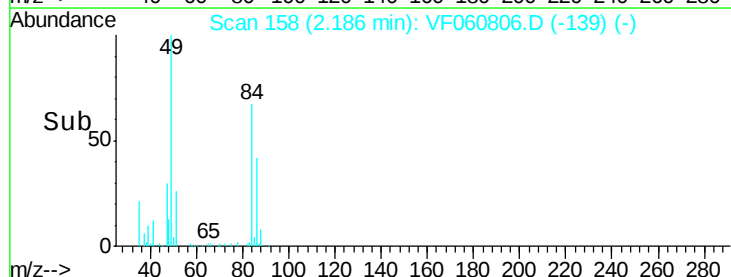
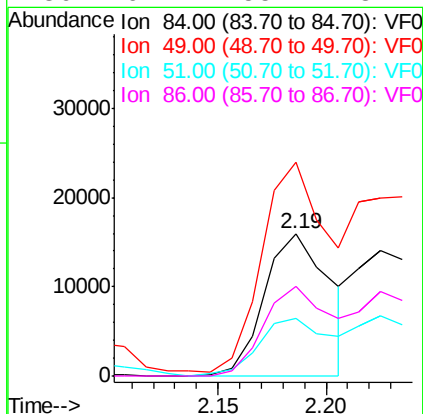
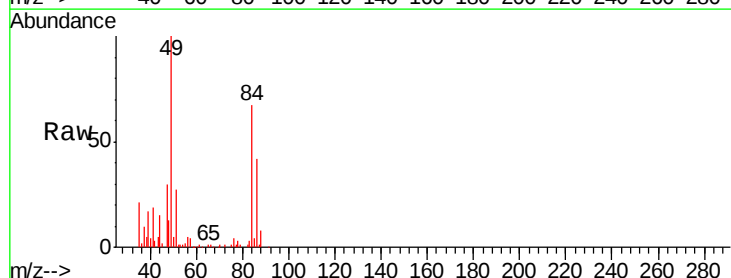
Ion Ratio Lower Upper

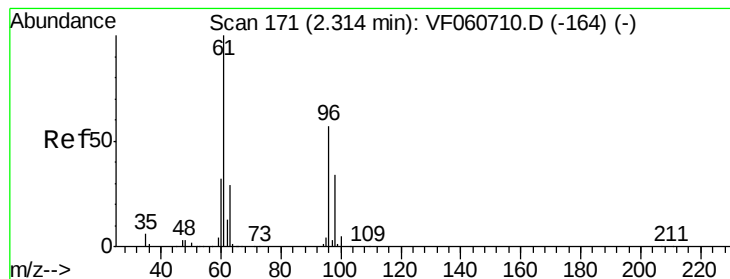
84 100

49 149.9 120.2 180.4

51 40.7 37.2 55.8

86 62.7 55.1 82.7





#21

trans-1,2-Dichloroethene

Concen: 79.94 ug/l

RT: 2.31 min Scan# 171

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampled :

SSI-21-TW-2

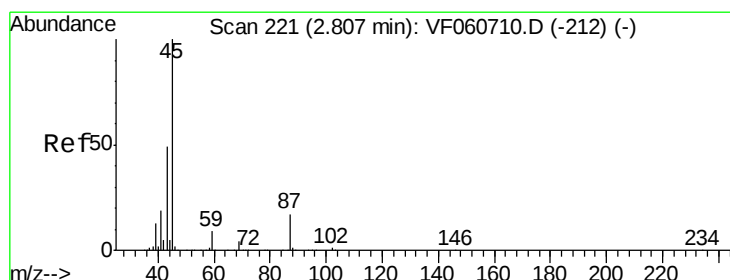
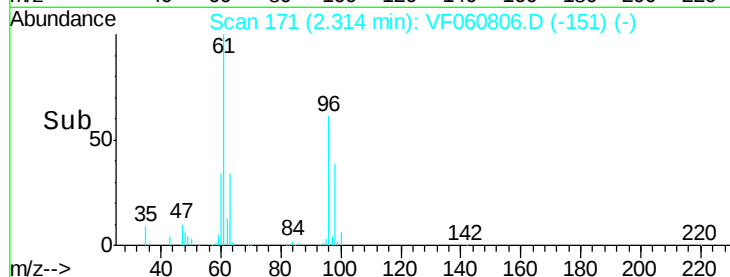
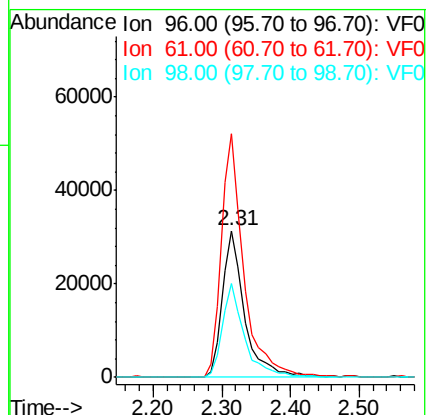
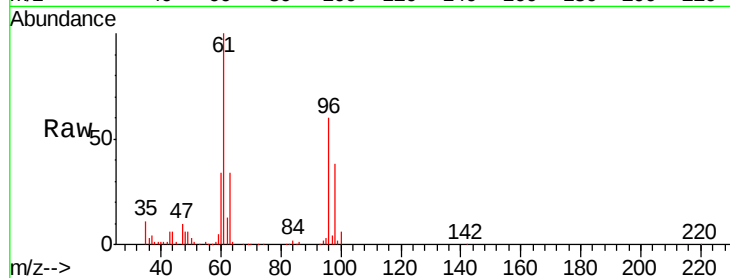
Tgt Ion: 96 Resp: 70665

Ion Ratio Lower Upper

96 100

61 165.7 141.6 212.4

98 63.5 47.4 71.0



#22

Diisopropyl ether

Concen: 91.39 ug/l

RT: 2.80 min Scan# 220

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Tgt Ion: 45 Resp: 261521

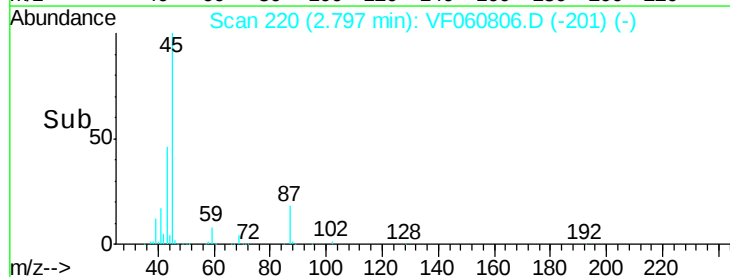
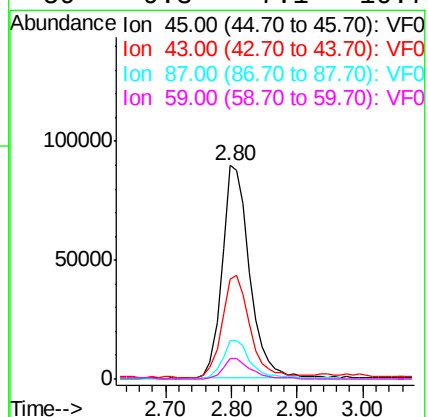
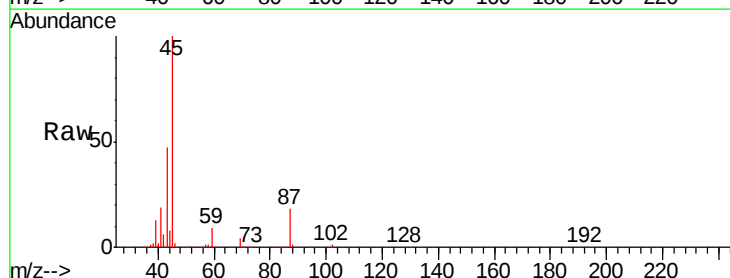
Ion Ratio Lower Upper

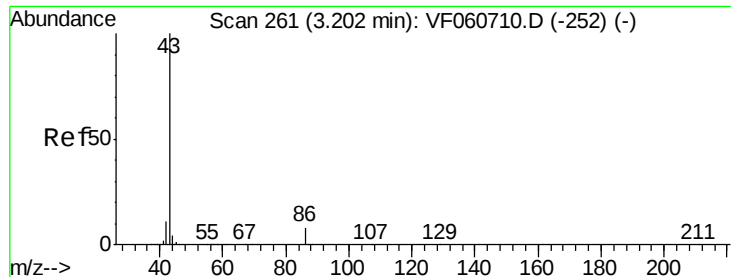
45 100

43 46.8 39.9 59.9

87 17.9 13.9 20.9

59 9.3 7.1 10.7

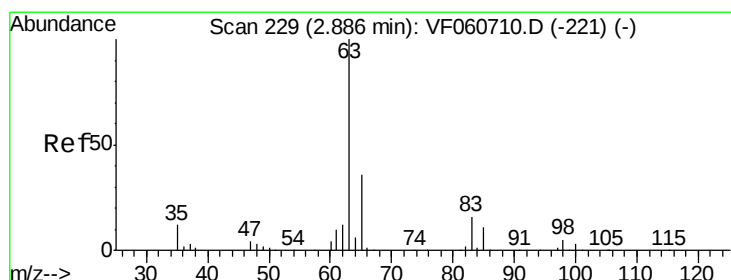
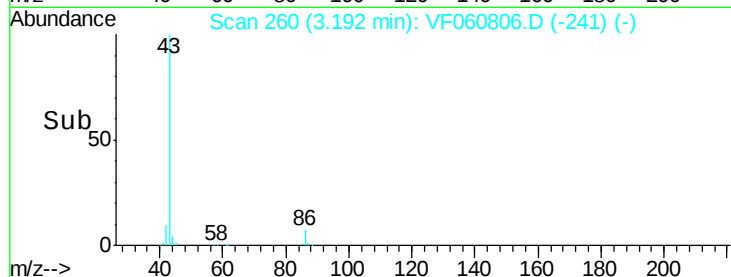
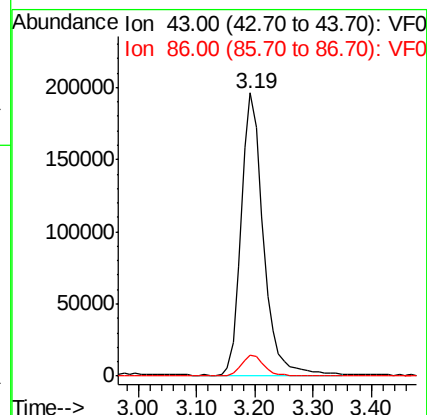
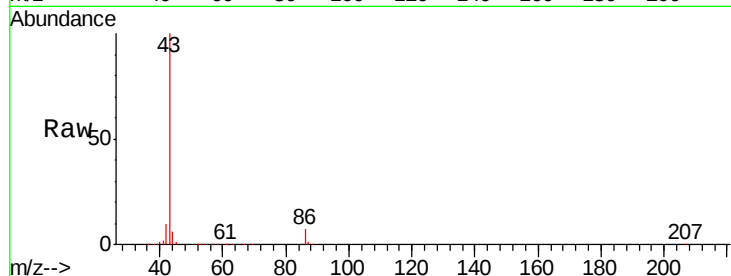




#23
 Vinyl Acetate
 Concen: 384.57 ug/l
 RT: 3.19 min Scan# 260
 Delta R.T. -0.01 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

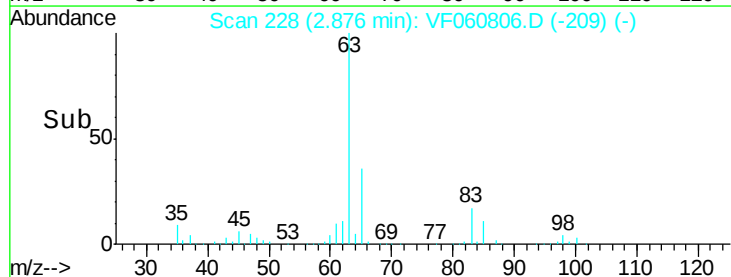
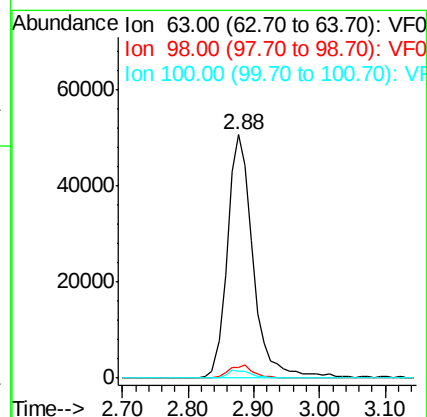
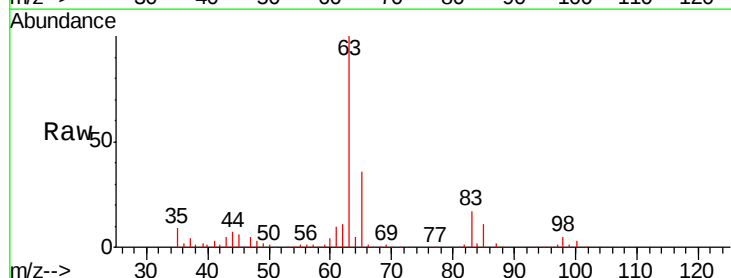
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

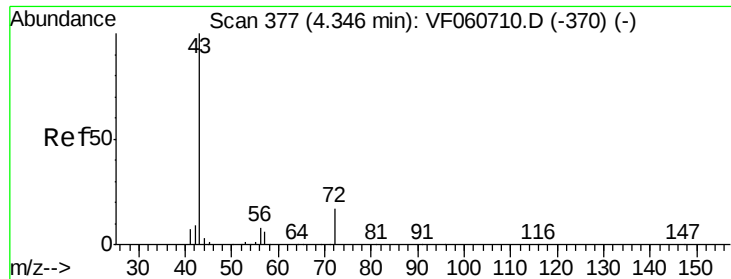
Tgt Ion: 43 Resp: 518235
 Ion Ratio Lower Upper
 43 100
 86 7.4 6.4 9.6



#24
 1,1-Dichloroethane
 Concen: 79.93 ug/l
 RT: 2.88 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

Tgt Ion: 63 Resp: 138473
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.4 7.1
 100 2.6 1.4 4.2





#25

2-Butanone

Concen: 474.65 ug/l

RT: 4.34 min Scan# 376

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

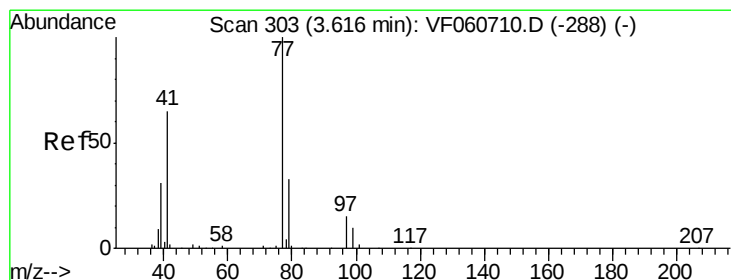
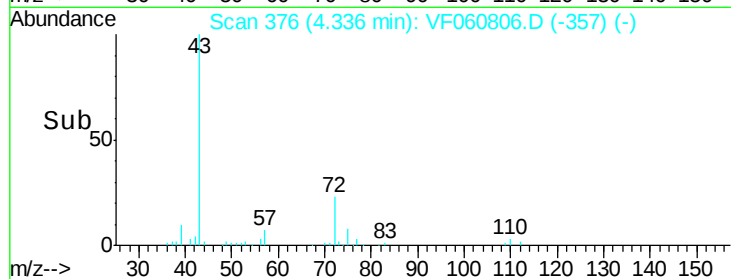
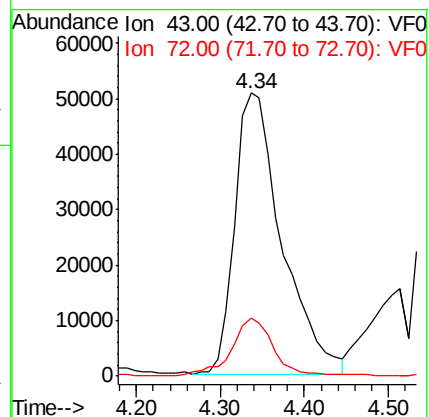
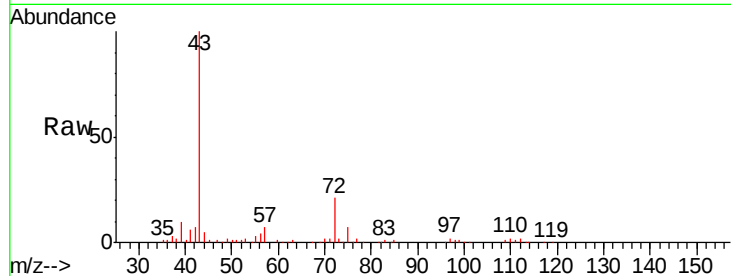
SSI-21-TW-2

Tgt Ion: 43 Resp: 197399

Ion Ratio Lower Upper

43 100

72 20.5 16.1 24.1



#26

2,2-Dichloropropane

Concen: 54.07 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.01 min

Lab File: VF060806.D

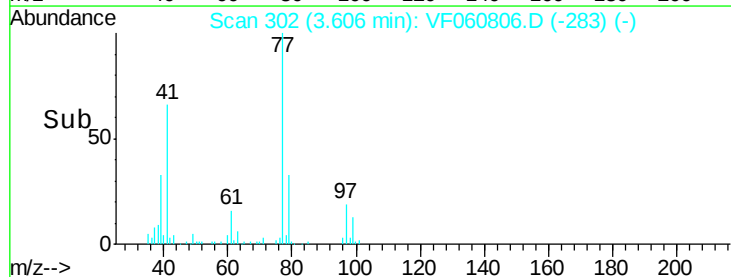
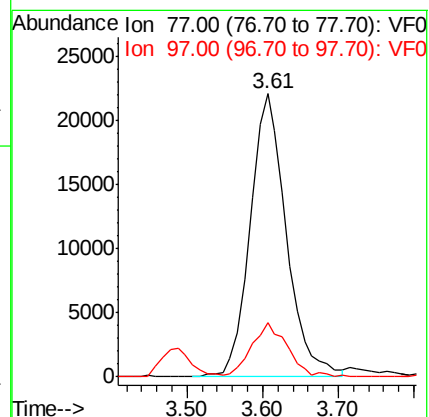
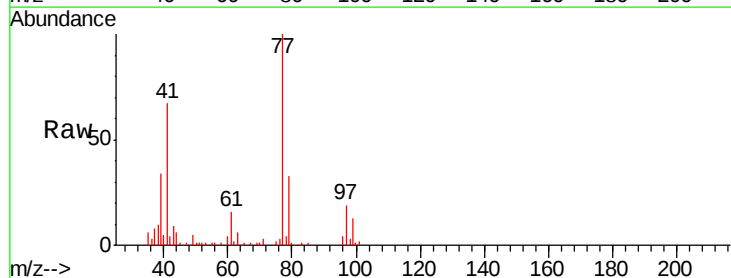
Acq: 20 Nov 2018 16:18

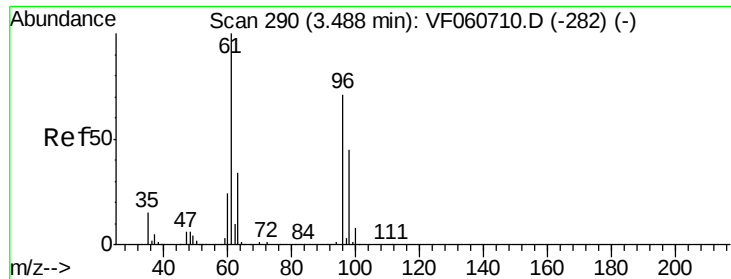
Tgt Ion: 77 Resp: 73713

Ion Ratio Lower Upper

77 100

97 19.0 8.8 26.5





#27

cis-1,2-Dichloroethene

Concen: 110.51 ug/l

RT: 3.49 min Scan# 290

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

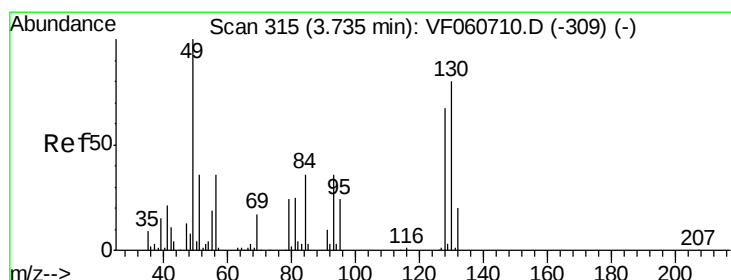
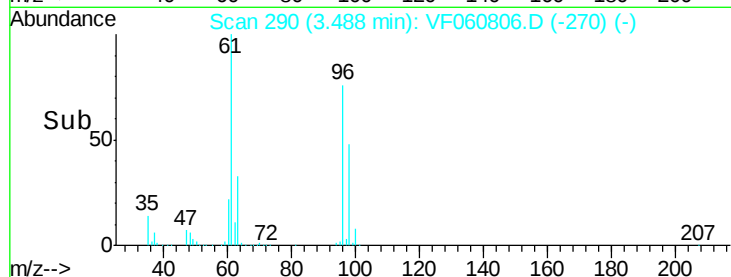
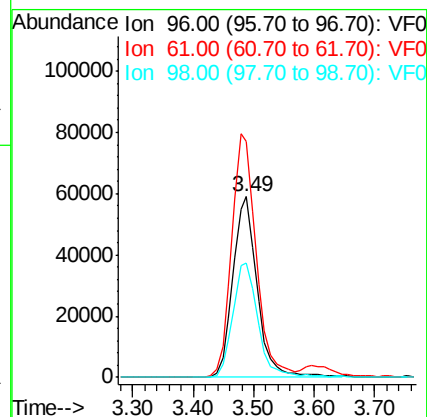
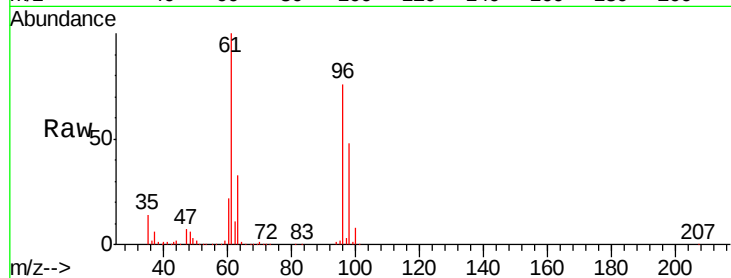
Tgt Ion: 96 Resp: 166179

Ion Ratio Lower Upper

96 100

61 131.0 0.0 280.6

98 63.0 0.0 127.6



#28

Bromochloromethane

Concen: 82.87 ug/l

RT: 3.72 min Scan# 314

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

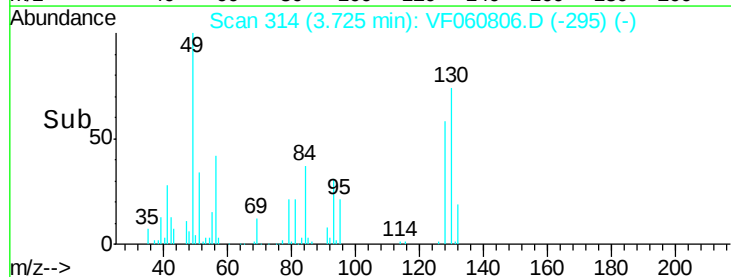
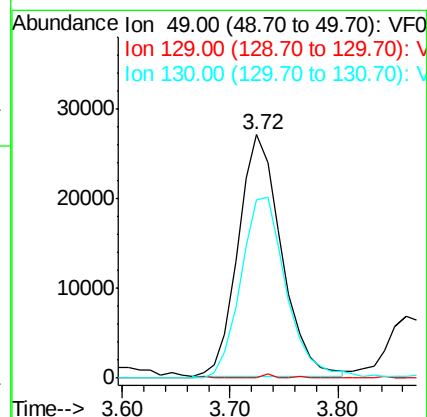
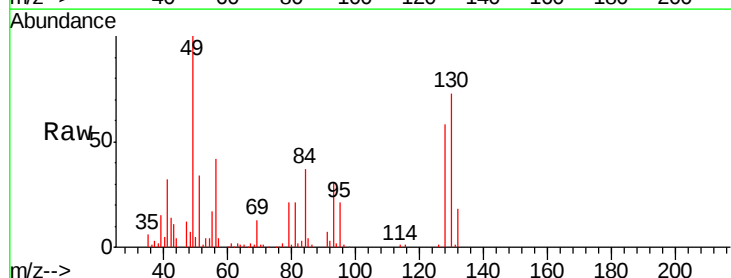
Tgt Ion: 49 Resp: 74612

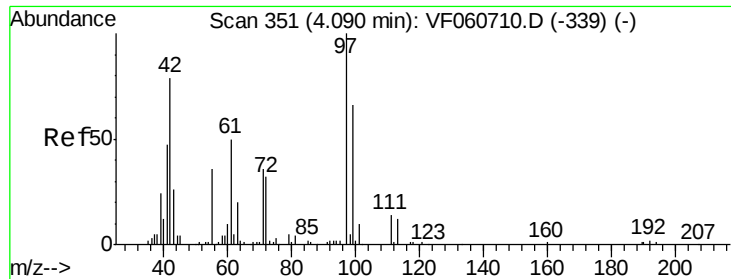
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.2

130 73.2 63.9 95.9





#29

Tetrahydrofuran

Concen: 535.09 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

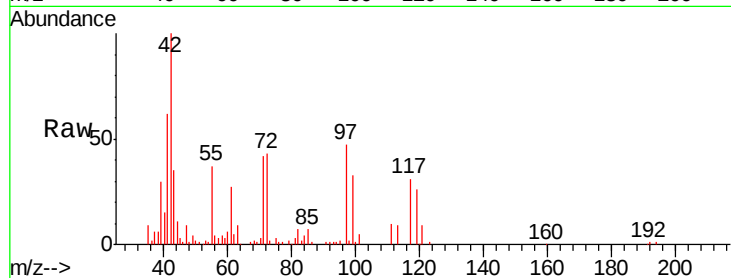
Tgt Ion: 42 Resp: 91791

Ion Ratio Lower Upper

42 100

72 37.2 30.3 45.5

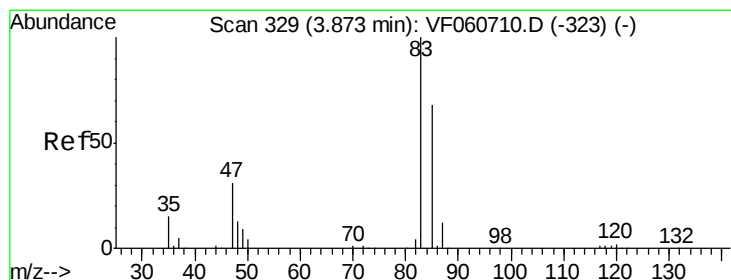
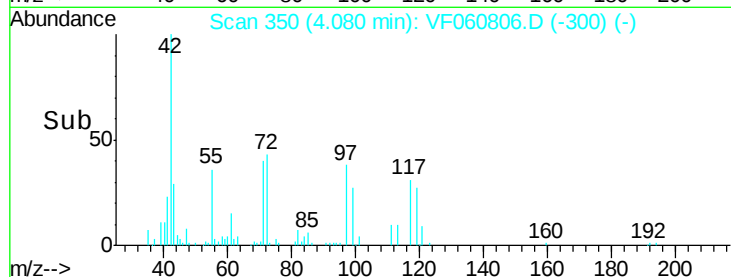
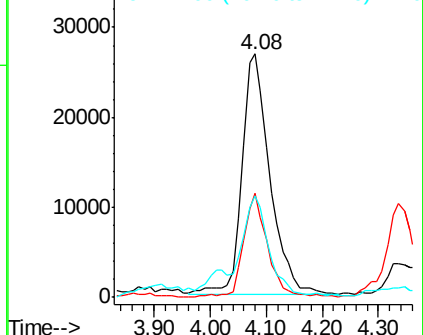
71 39.7 32.2 48.2



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: 72.69 ug/l

RT: 3.87 min Scan# 329

Delta R.T. -0.00 min

Lab File: VF060806.D

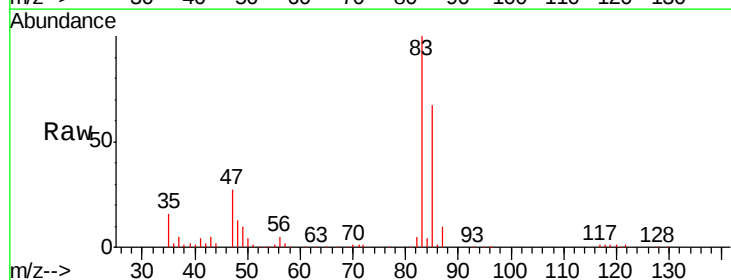
Acq: 20 Nov 2018 16:18

Tgt Ion: 83 Resp: 202067

Ion Ratio Lower Upper

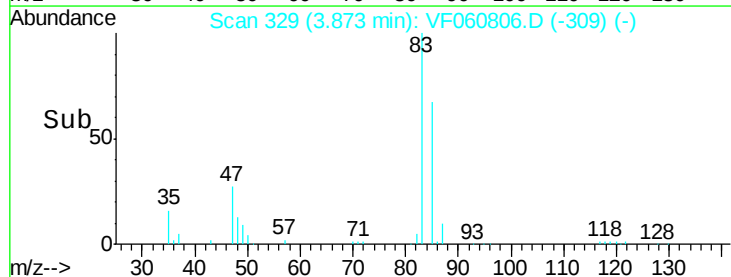
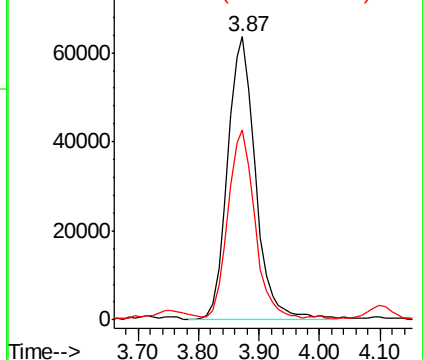
83 100

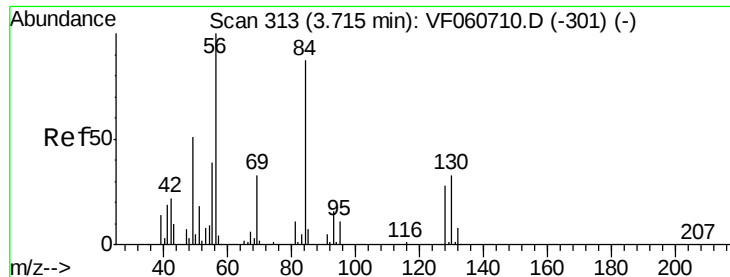
85 67.3 54.6 82.0



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

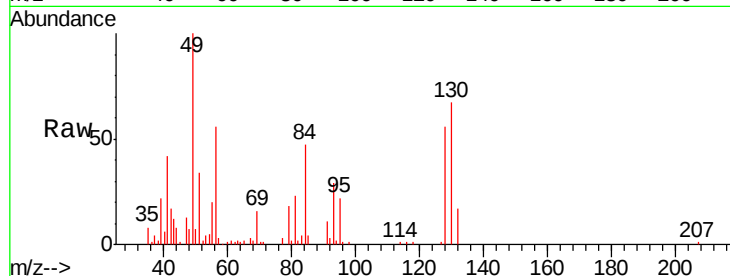




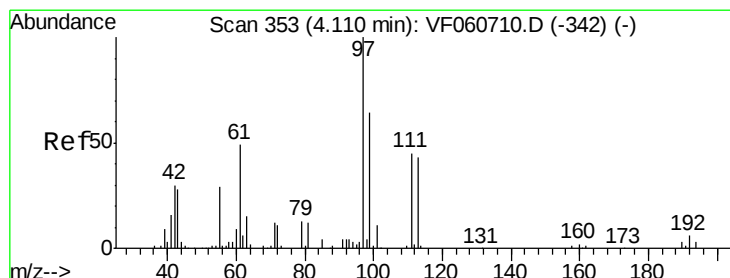
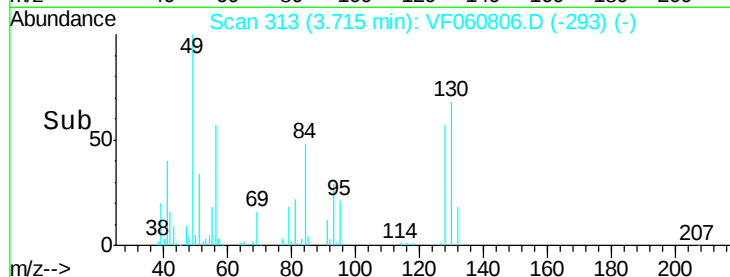
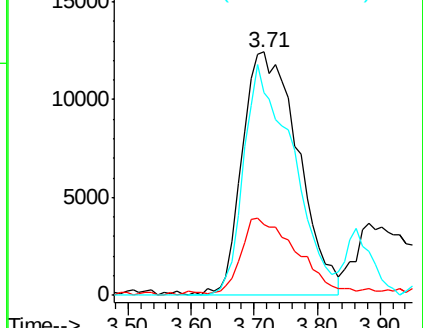
#31
Cyclohexane
Concen: 36.26 ug/l
RT: 3.71 min Scan# 313
Delta R.T. -0.00 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

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

Tgt Ion: 56 Resp: 76256
Ion Ratio Lower Upper
56 100
69 29.3 26.0 39.0
84 83.3 69.4 104.2

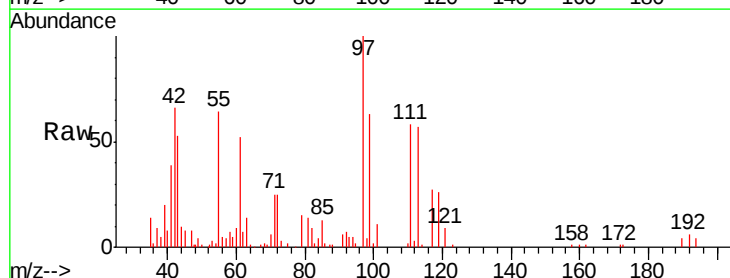


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

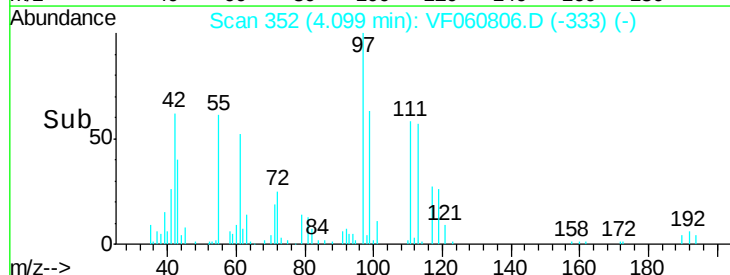
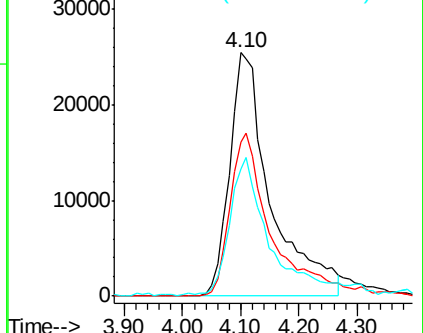


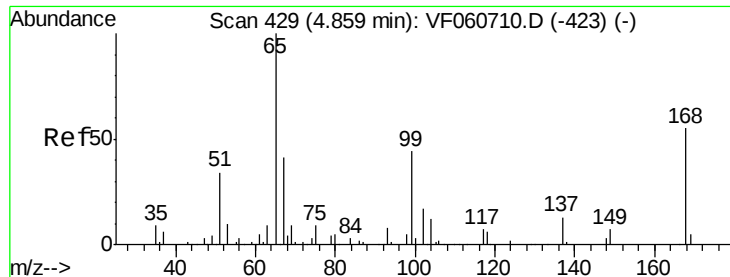
#32
1,1,1-Trichloroethane
Concen: 57.25 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

Tgt Ion: 97 Resp: 125314
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 52.2 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: 71.46 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

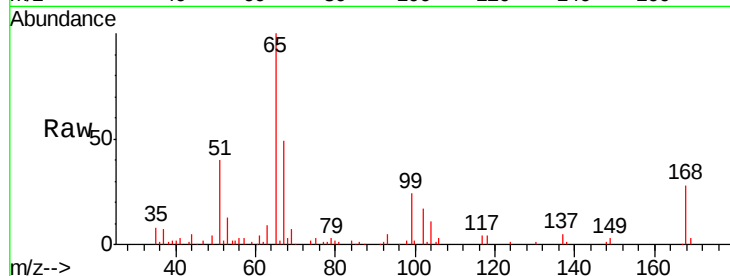
SSI-21-TW-2

Tgt Ion: 65 Resp: 84531

Ion Ratio Lower Upper

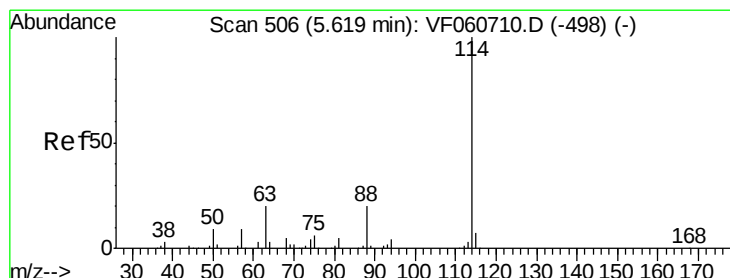
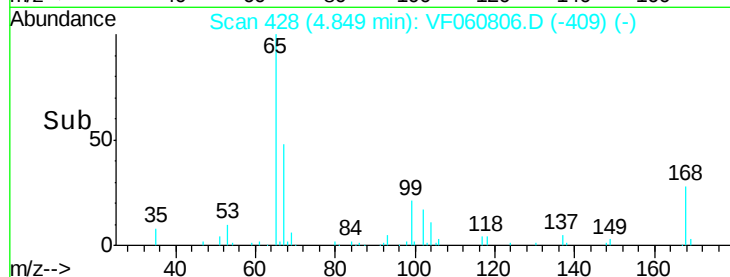
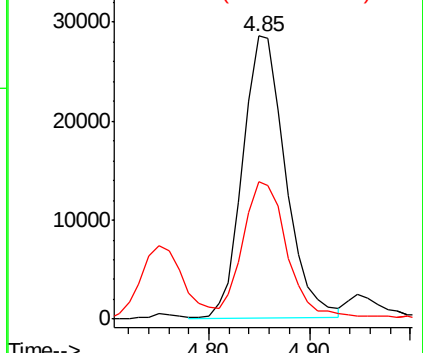
65 100

67 48.8 0.0 90.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

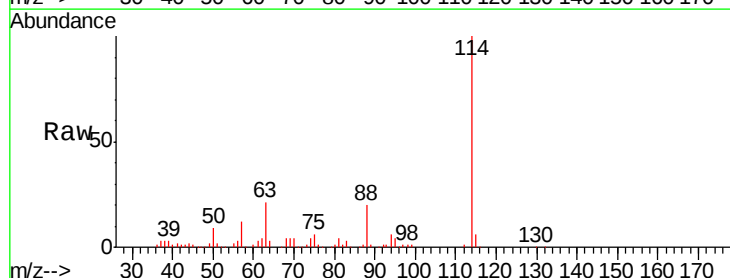
Tgt Ion: 114 Resp: 208318

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

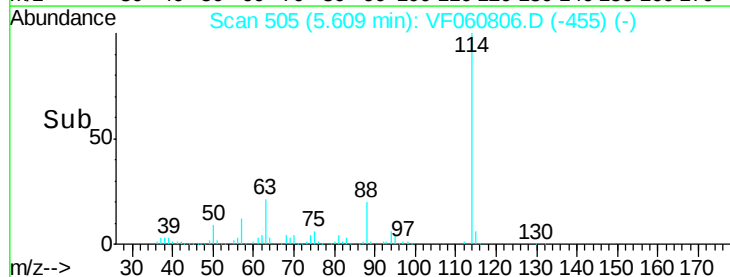
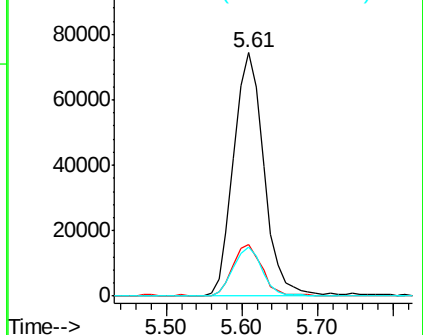
88 20.3 0.0 39.6

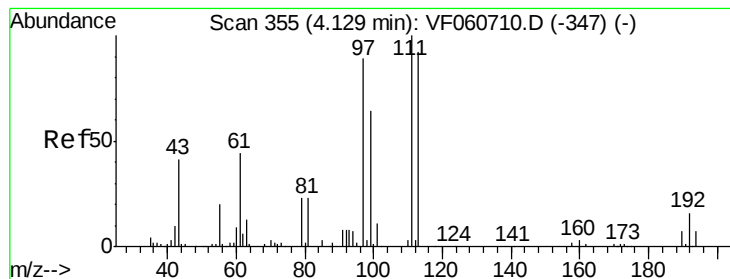


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 59.16 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

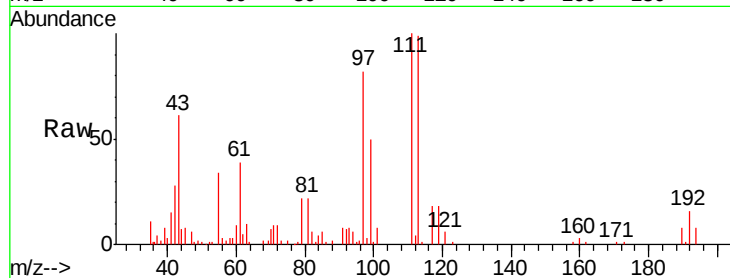
Tgt Ion:113 Resp: 92632

Ion Ratio Lower Upper

113 100

111 100.5 87.1 130.7

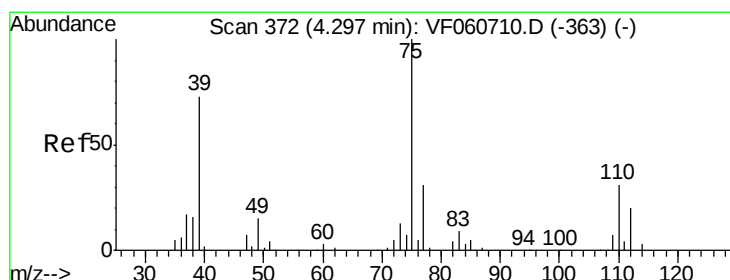
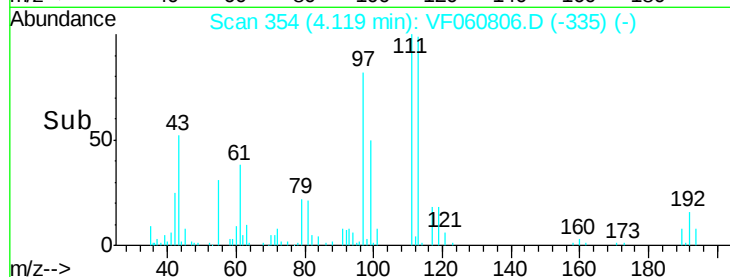
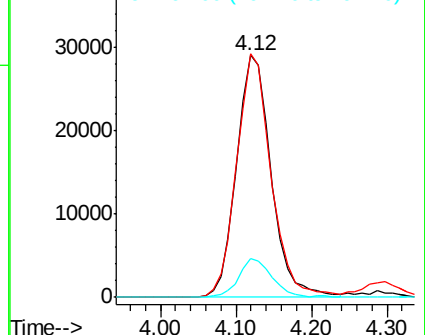
192 15.9 13.8 20.6



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 44.50 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

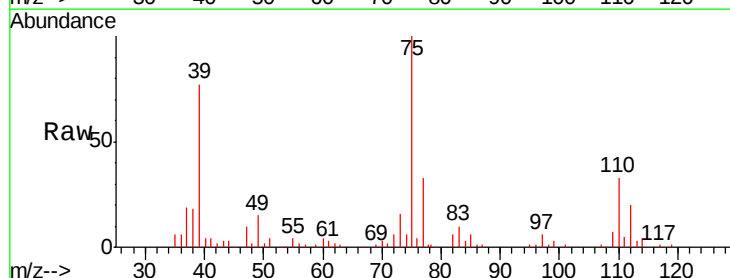
Tgt Ion: 75 Resp: 107507

Ion Ratio Lower Upper

75 100

110 32.6 15.6 46.8

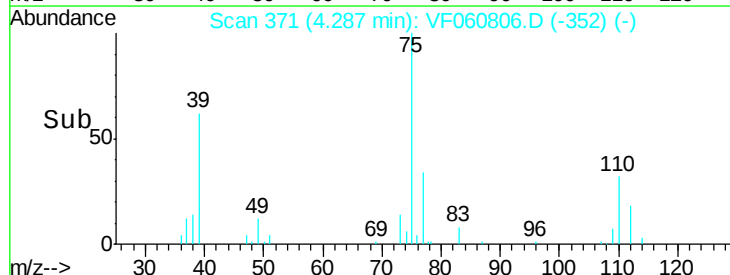
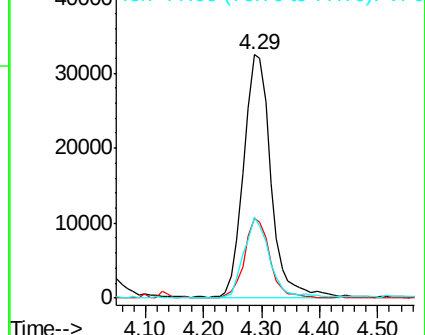
77 33.4 25.0 37.6

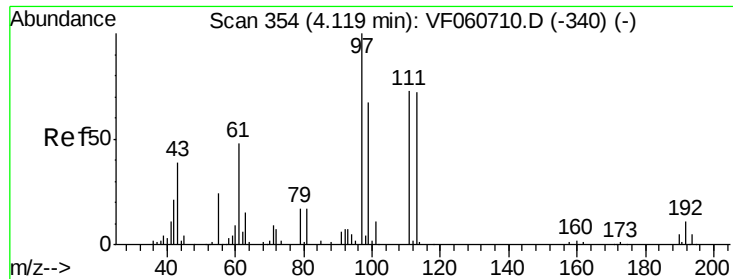


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

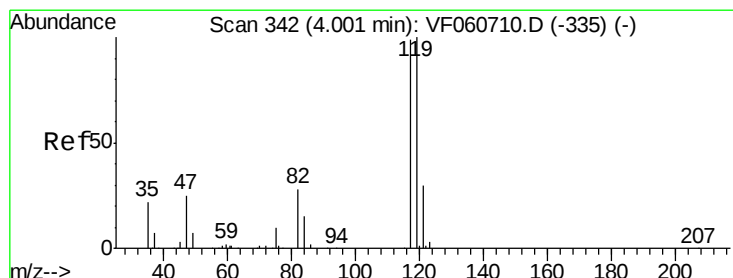
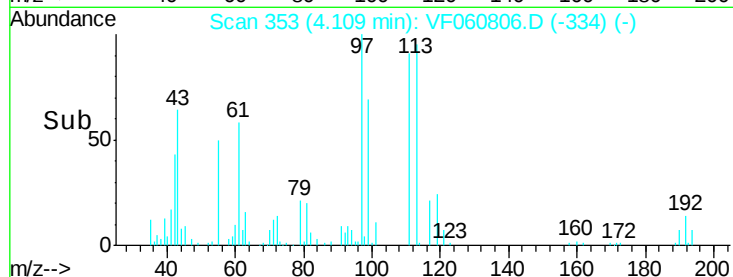
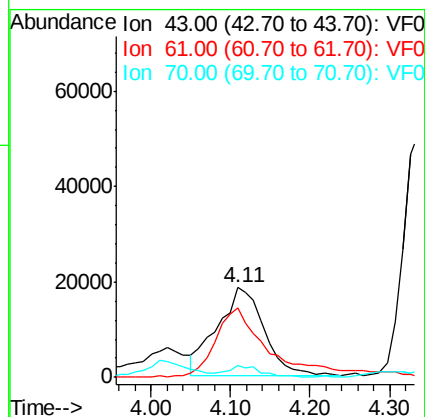
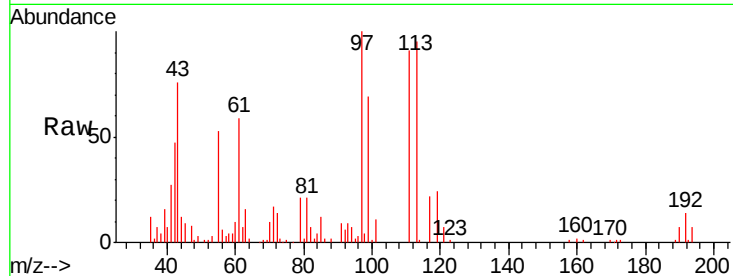




#37
 Ethyl Acetate
 Concen: 82.99 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

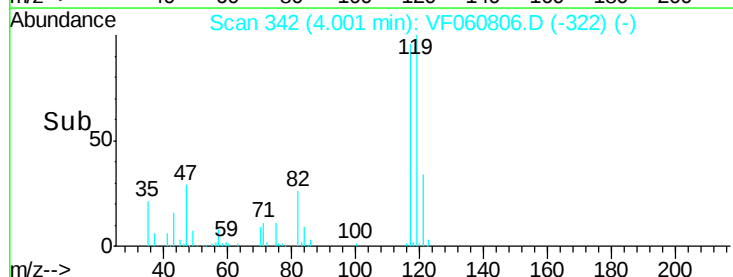
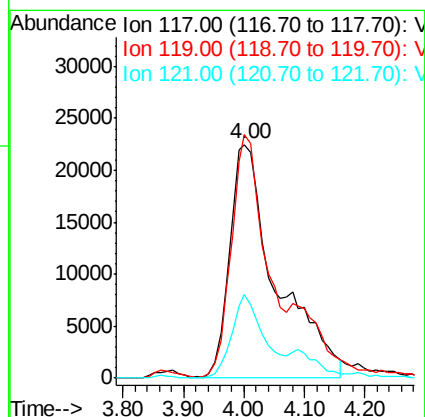
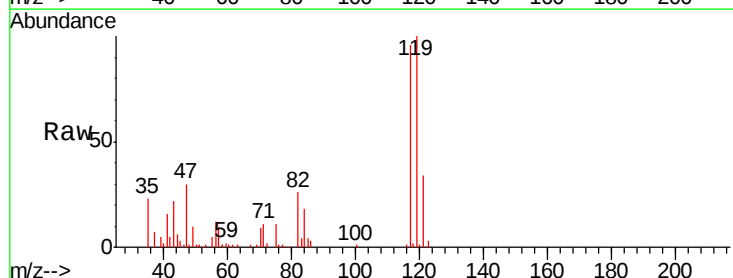
Instrument :
 MSVOA_F
 ClientSampled :
 SSI-21-TW-2

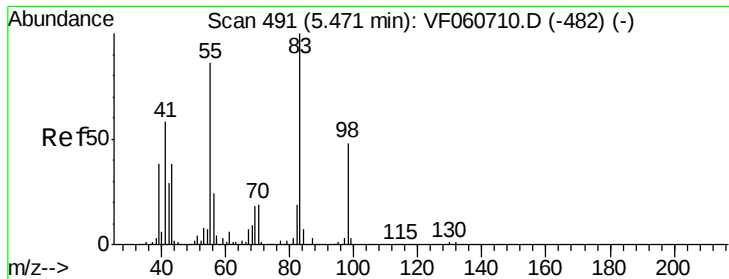
Tgt Ion: 43 Resp: 74543
 Ion Ratio Lower Upper
 43 100
 61 77.4 98.5 147.7#
 70 13.1 7.4 11.0#



#38
 Carbon Tetrachloride
 Concen: 51.66 ug/l
 RT: 4.00 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

Tgt Ion: 117 Resp: 121108
 Ion Ratio Lower Upper
 117 100
 119 104.3 80.7 121.1
 121 35.6 24.3 36.5

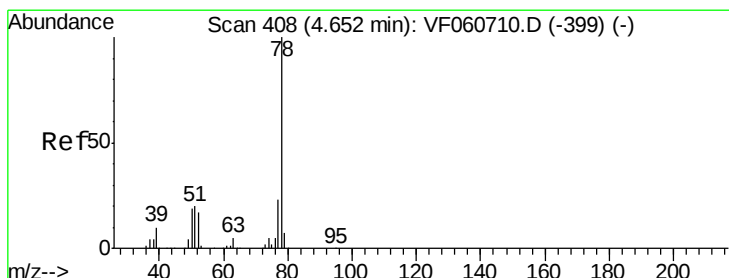
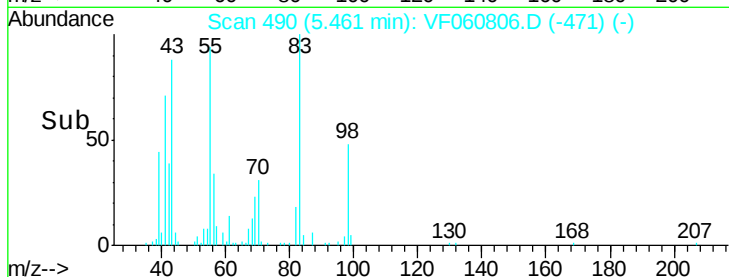
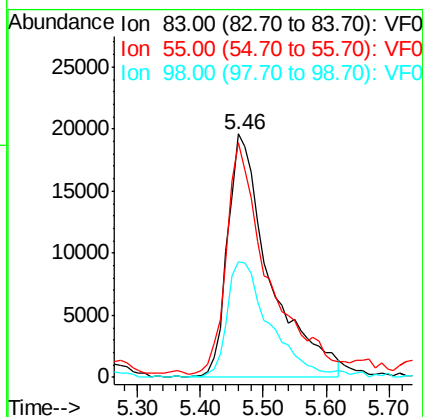
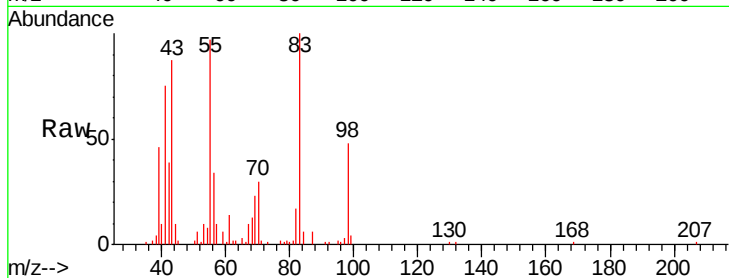




#39
Methylcyclohexane
Concen: 32.53 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

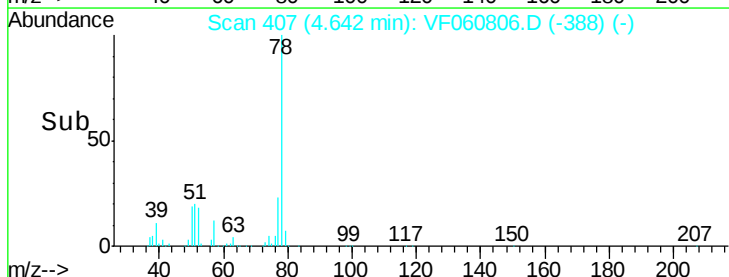
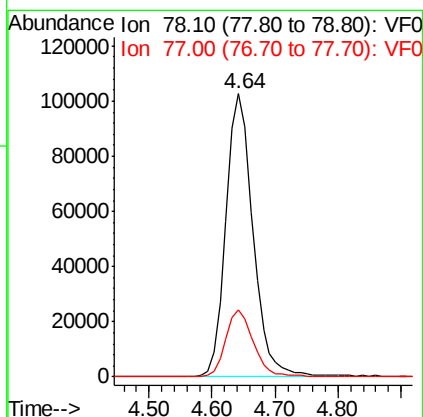
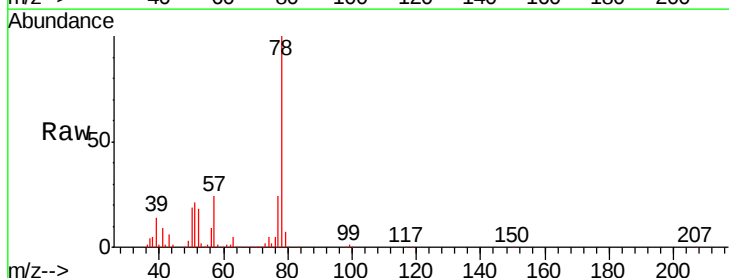
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

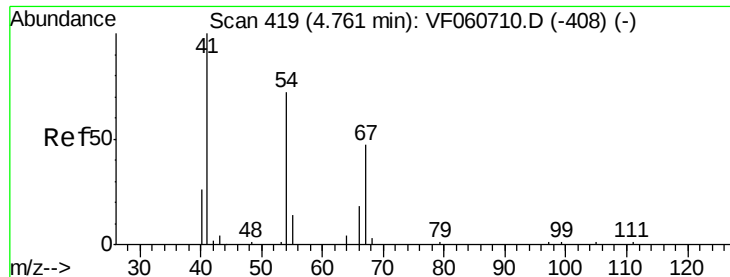
Tgt Ion: 83 Resp: 91165
Ion Ratio Lower Upper
83 100
55 96.6 69.0 103.4
98 47.7 38.5 57.7



#40
Benzene
Concen: 56.78 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

Tgt Ion: 78 Resp: 305785
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0





#41

Methacrylonitrile

Concen: 100.36 ug/l

RT: 4.75 min Scan# 418

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

Tgt Ion: 41 Resp: 45975

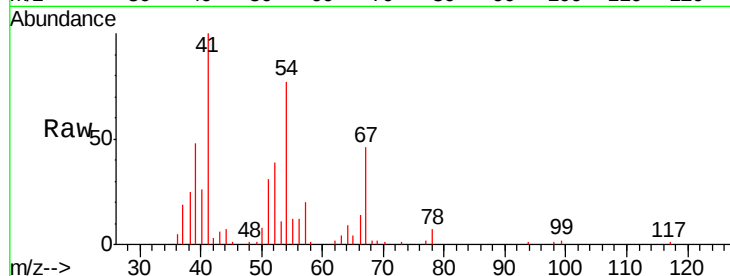
Ion Ratio Lower Upper

41 100

39 48.3 47.1 70.7

67 45.6 37.1 55.7

52 39.3 39.3 58.9

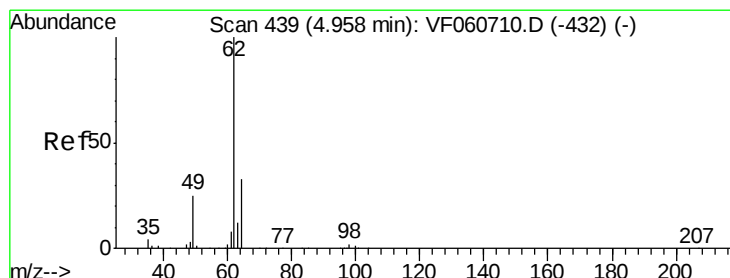
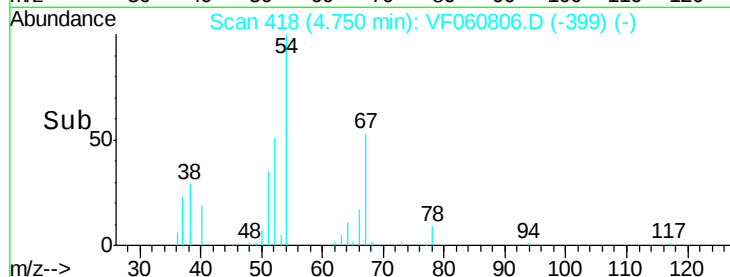
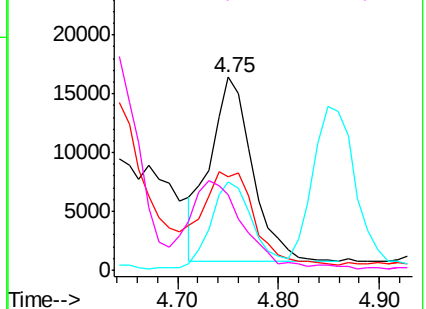


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 70.47 ug/l

RT: 4.95 min Scan# 438

Delta R.T. -0.01 min

Lab File: VF060806.D

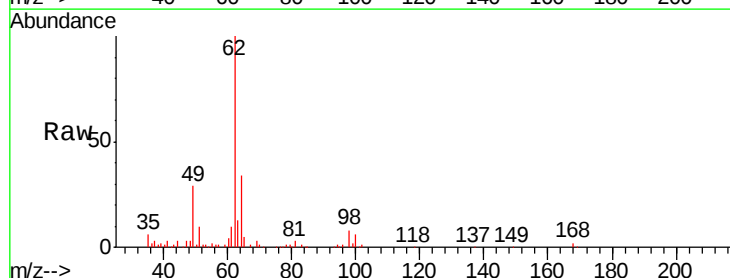
Acq: 20 Nov 2018 16:18

Tgt Ion: 62 Resp: 131153

Ion Ratio Lower Upper

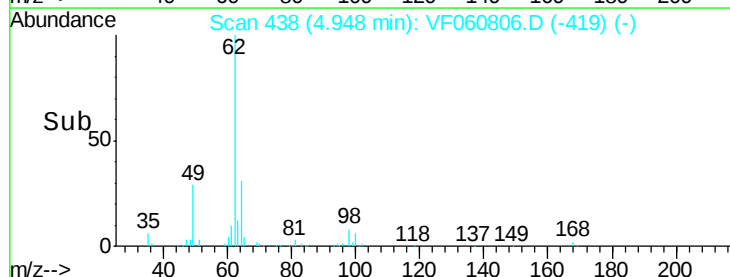
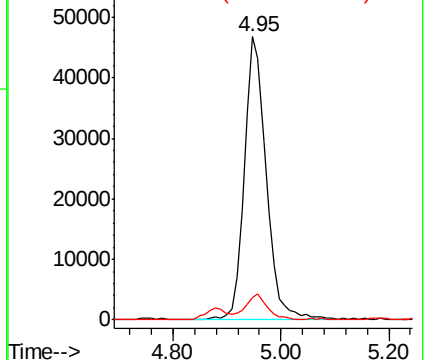
62 100

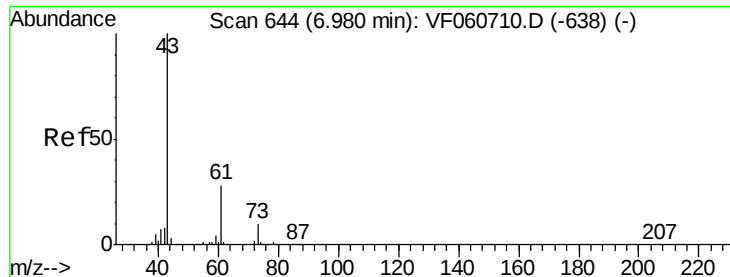
98 7.9 0.0 16.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 67.07 ug/l

RT: 6.97 min Scan# 643

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

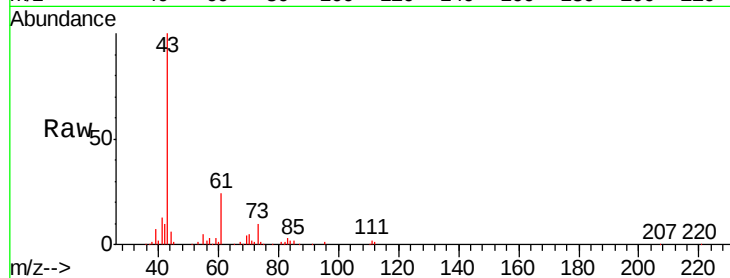
Tgt Ion: 43 Resp: 79877

Ion Ratio Lower Upper

43 100

61 24.1 22.2 33.4

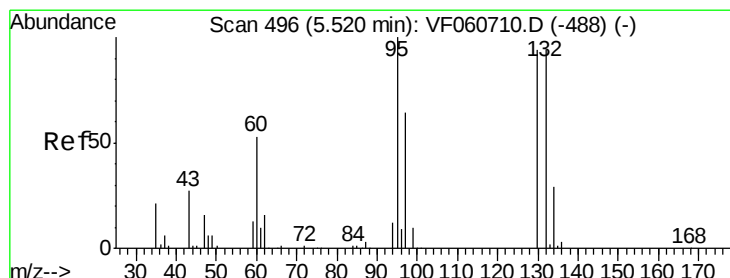
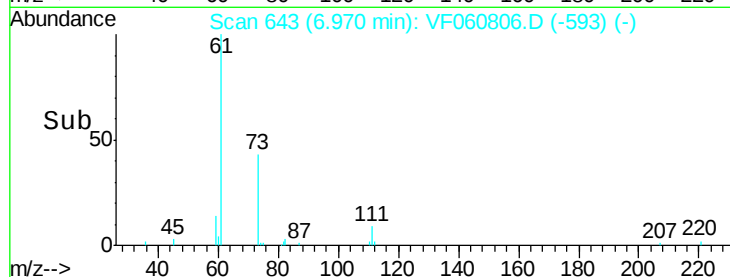
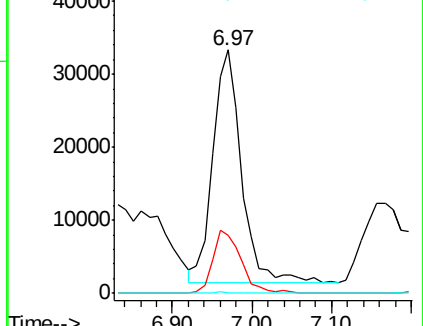
87 0.4 0.4 0.6#



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



#44

Trichloroethene

Concen: 47.33 ug/l

RT: 5.51 min Scan# 495

Delta R.T. -0.01 min

Lab File: VF060806.D

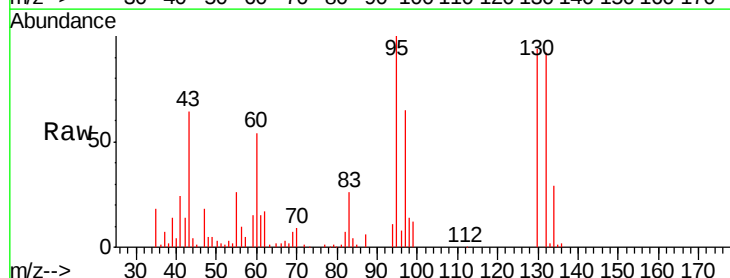
Acq: 20 Nov 2018 16:18

Tgt Ion:130 Resp: 80422

Ion Ratio Lower Upper

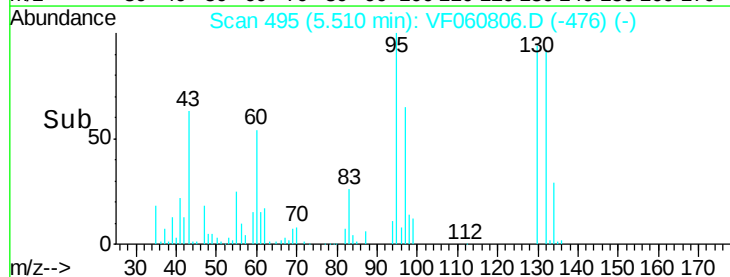
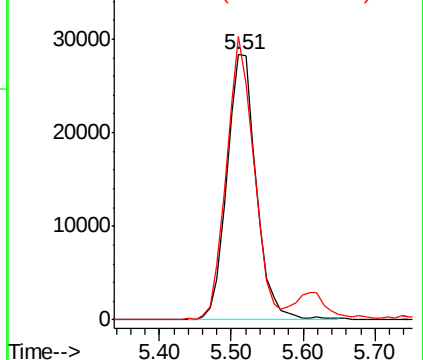
130 100

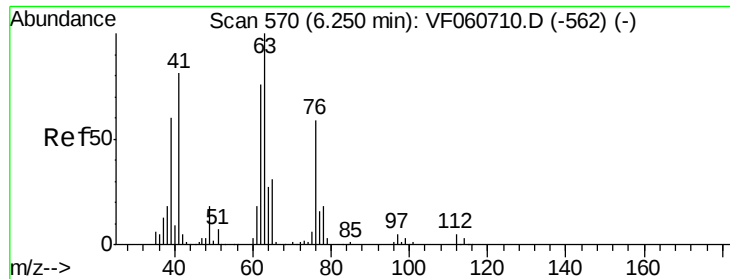
95 106.7 0.0 212.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 60.75 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

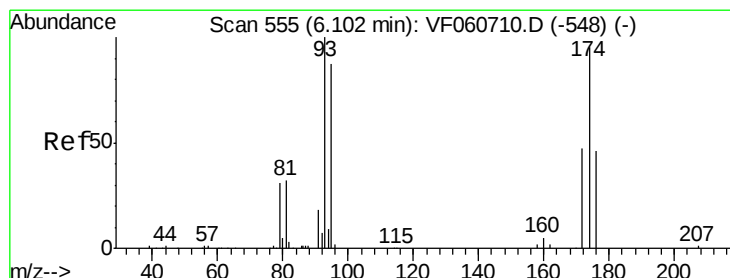
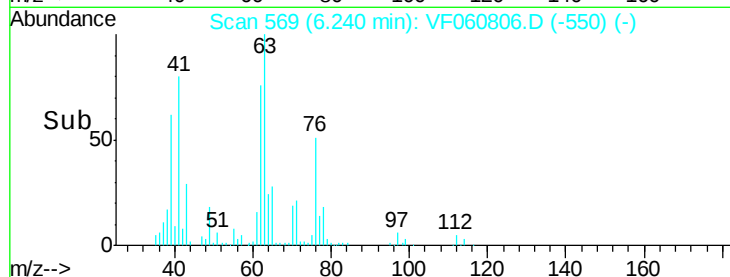
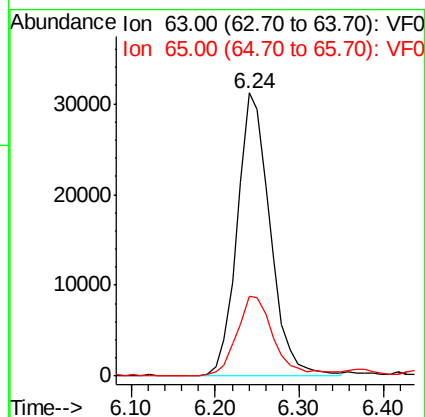
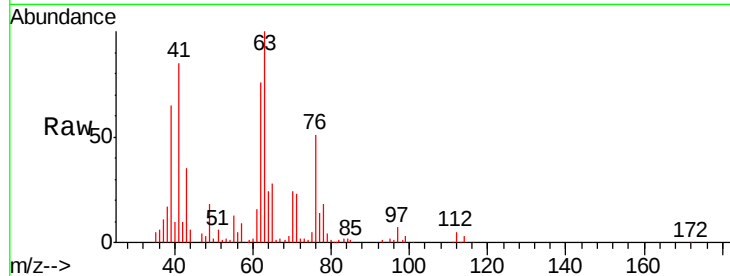
SSI-21-TW-2

Tgt Ion: 63 Resp: 85133

Ion Ratio Lower Upper

63 100

65 28.2 24.6 36.8



#46

Dibromomethane

Concen: 70.37 ug/l

RT: 6.09 min Scan# 554

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

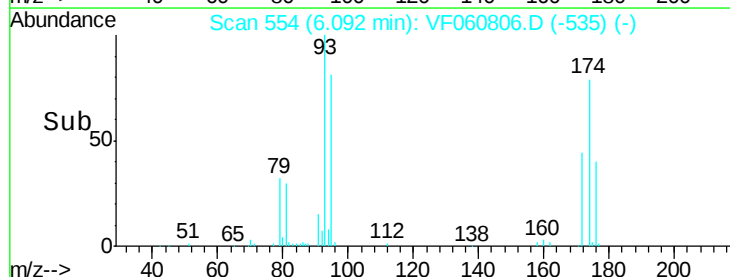
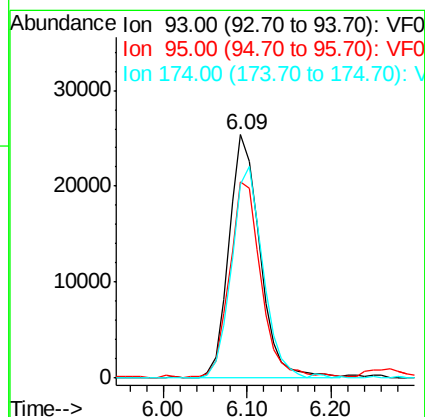
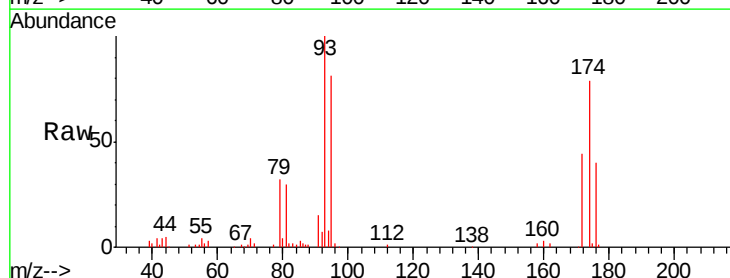
Tgt Ion: 93 Resp: 65099

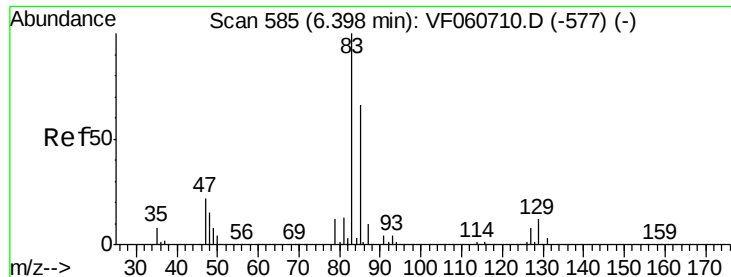
Ion Ratio Lower Upper

93 100

95 80.6 69.5 104.3

174 79.4 76.2 114.2





#47

Bromodichloromethane

Concen: 54.29 ug/l

RT: 6.40 min Scan# 585

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

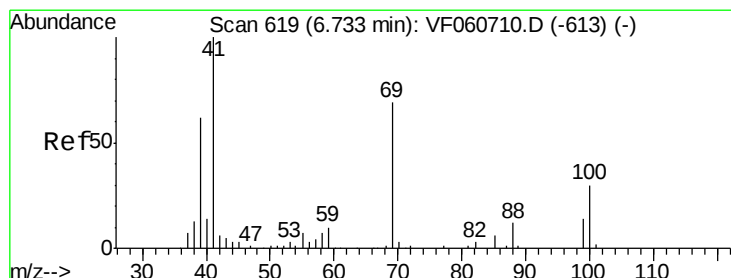
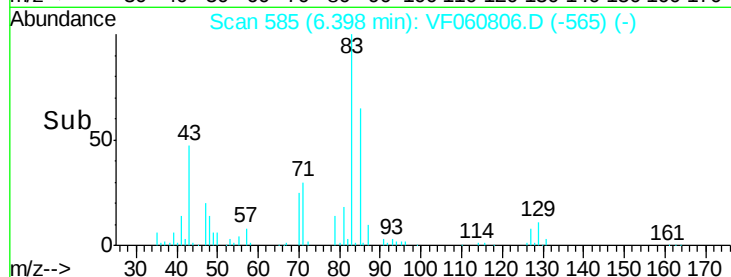
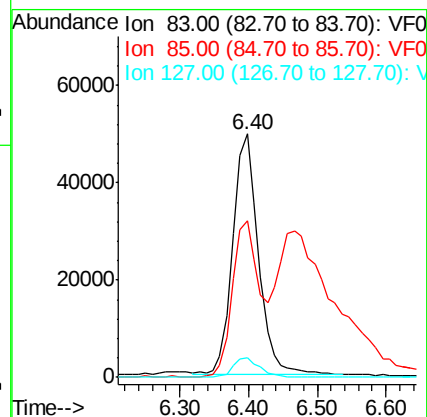
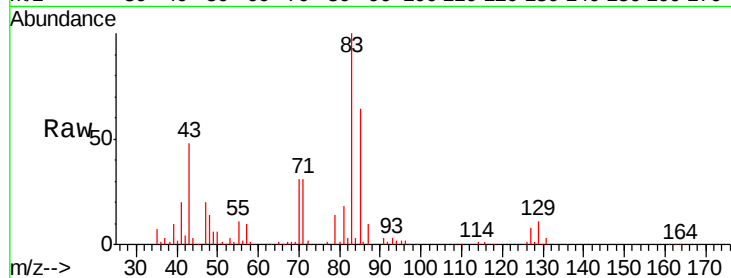
Tgt Ion: 83 Resp: 128247

Ion Ratio Lower Upper

83 100

85 64.4 52.4 78.6

127 8.2 6.8 10.2



#48

Methyl methacrylate

Concen: 73.84 ug/l

RT: 6.72 min Scan# 618

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

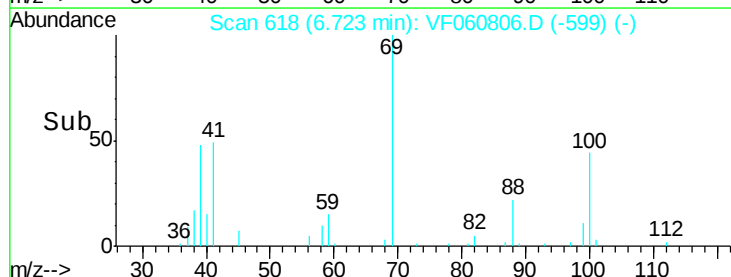
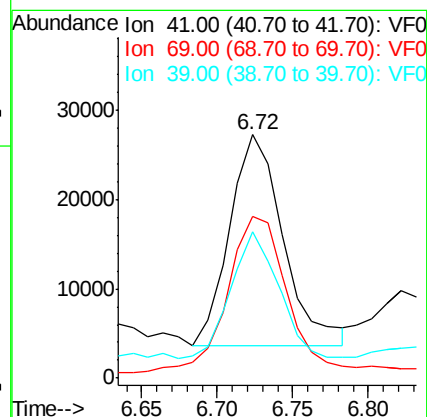
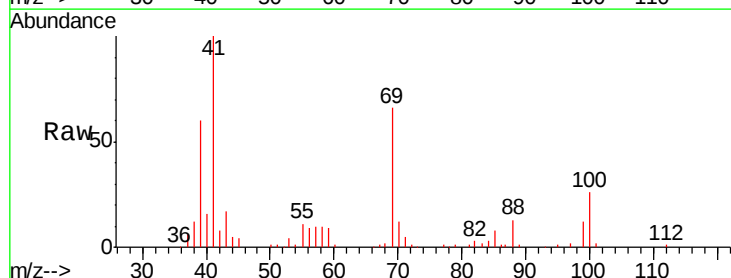
Tgt Ion: 41 Resp: 58195

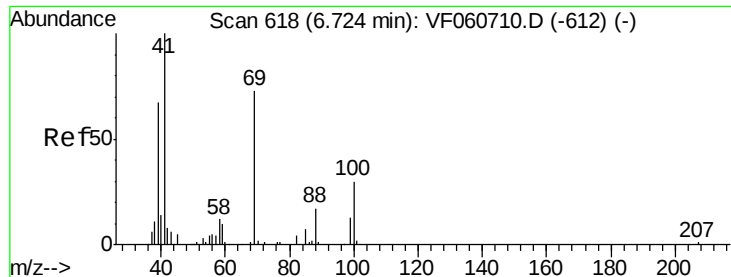
Ion Ratio Lower Upper

41 100

69 66.4 54.9 82.3

39 60.3 49.6 74.4





#49

1,4-Dioxane

Concen: 1651.54 ug/l

RT: 6.71 min Scan# 617

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

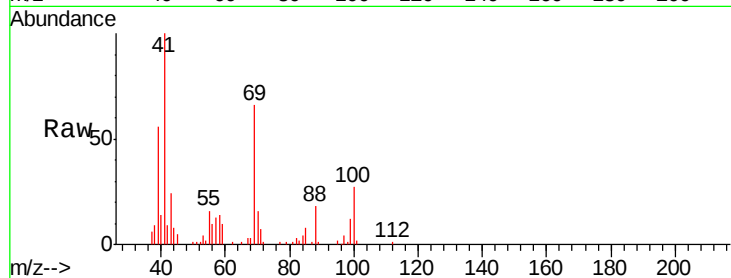
Tgt Ion: 88 Resp: 12174

Ion Ratio Lower Upper

88 100

43 132.6 44.6 66.8#

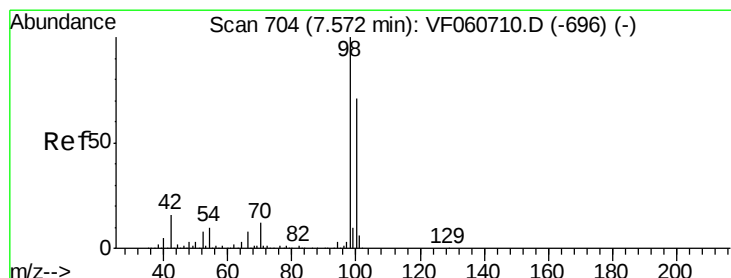
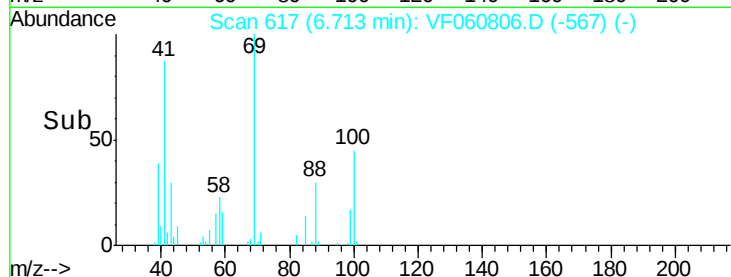
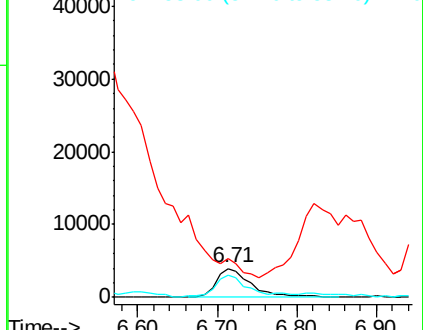
58 76.0 54.5 81.7



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 45.05 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF060806.D

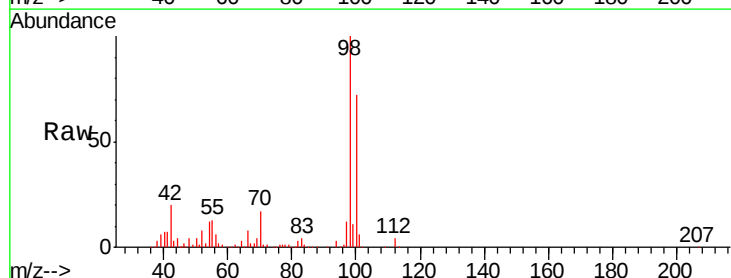
Acq: 20 Nov 2018 16:18

Tgt Ion: 98 Resp: 182475

Ion Ratio Lower Upper

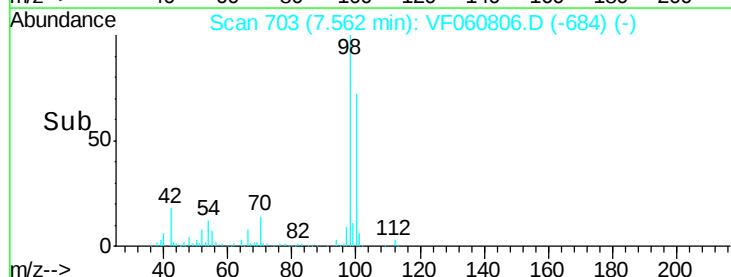
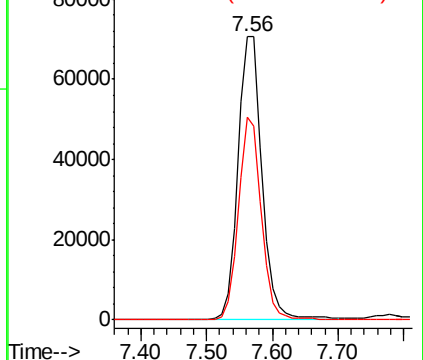
98 100

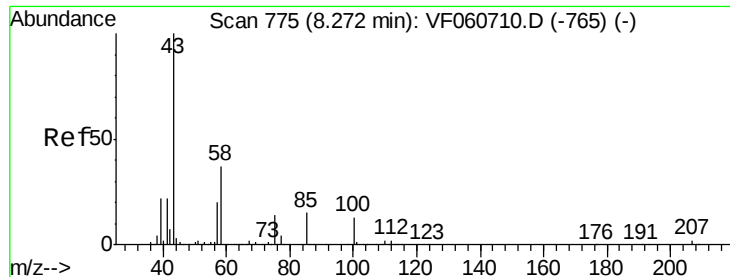
100 71.7 56.5 84.7



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: 482.29 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

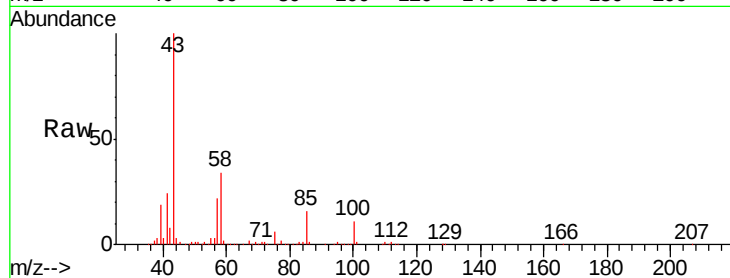
SSI-21-TW-2

Tgt Ion: 43 Resp: 415409

Ion Ratio Lower Upper

43 100

58 34.1 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.26

150000

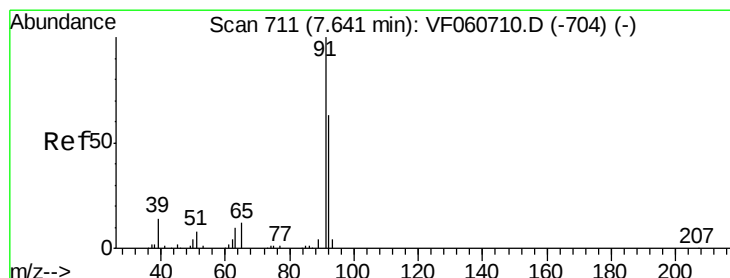
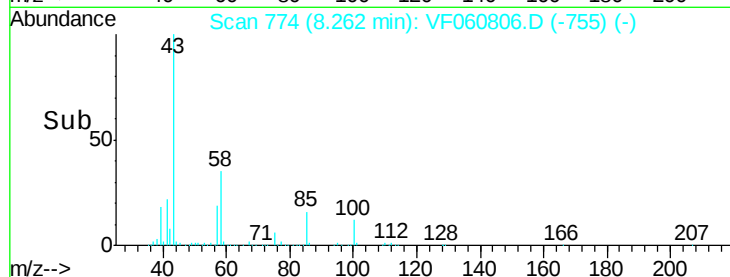
100000

50000

0

8.20 8.30 8.40

Time-->



#52

Toluene

Concen: 53.29 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060806.D

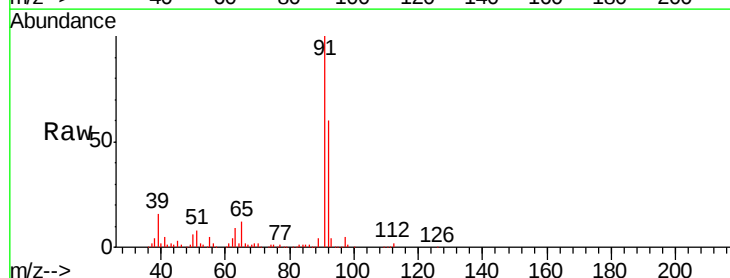
Acq: 20 Nov 2018 16:18

Tgt Ion: 92 Resp: 192321

Ion Ratio Lower Upper

92 100

91 166.5 126.7 190.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.63

150000

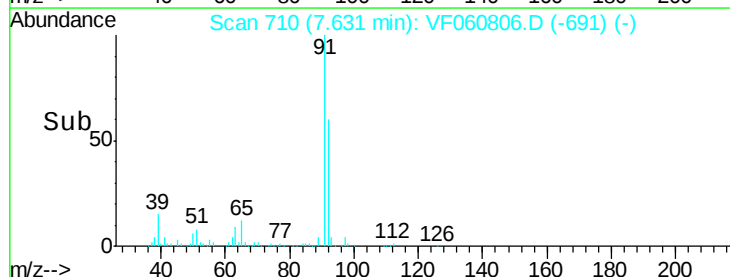
100000

50000

0

7.50 7.60 7.70 7.80

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.43 ug/l

RT: 8.29 min Scan# 777

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

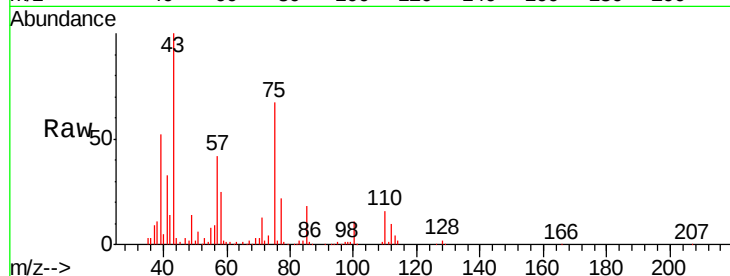
SSI-21-TW-2

Tgt Ion: 75 Resp: 101097

Ion Ratio Lower Upper

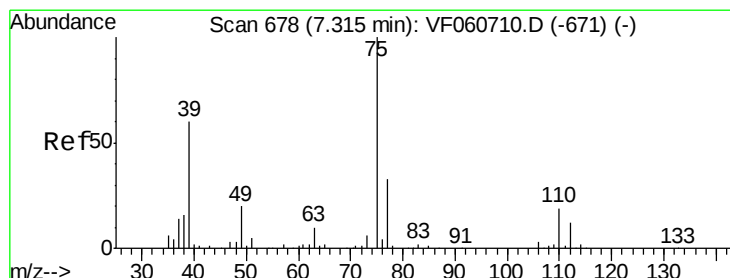
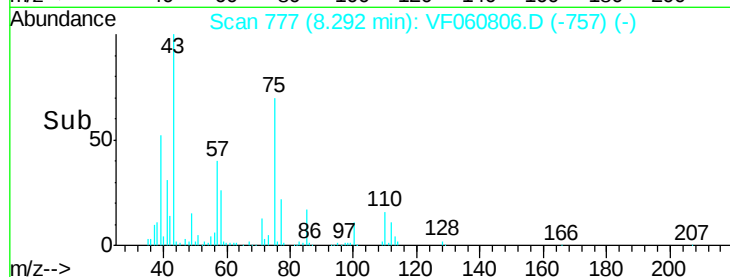
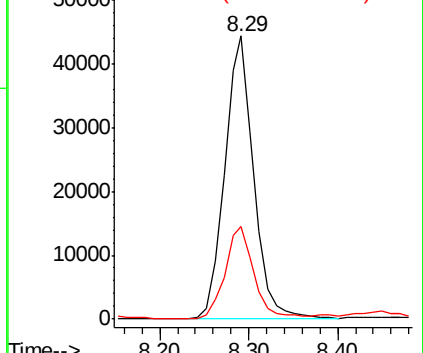
75 100

77 32.5 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 53.70 ug/l

RT: 7.32 min Scan# 678

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

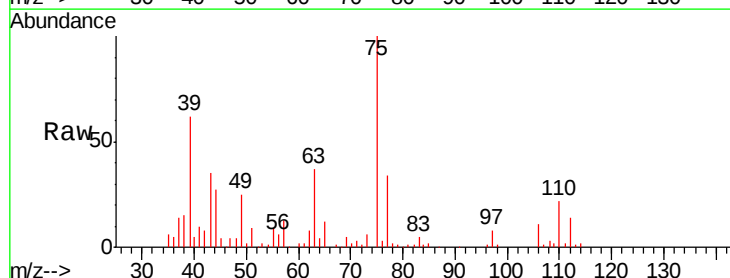
Tgt Ion: 75 Resp: 131975

Ion Ratio Lower Upper

75 100

77 33.6 26.5 39.7

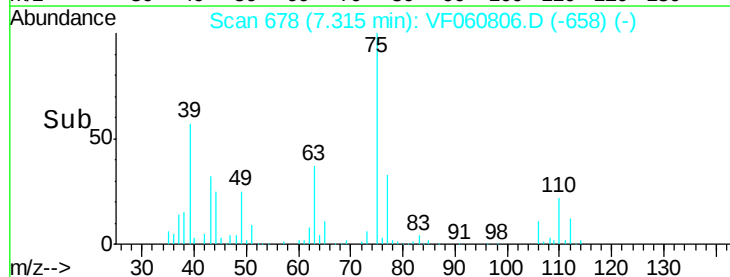
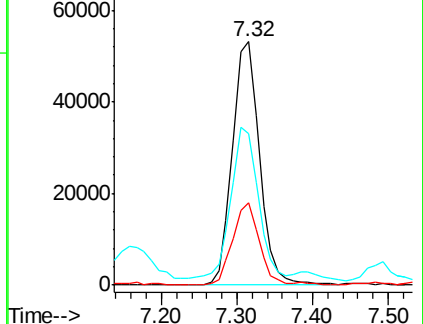
39 62.2 48.5 72.7

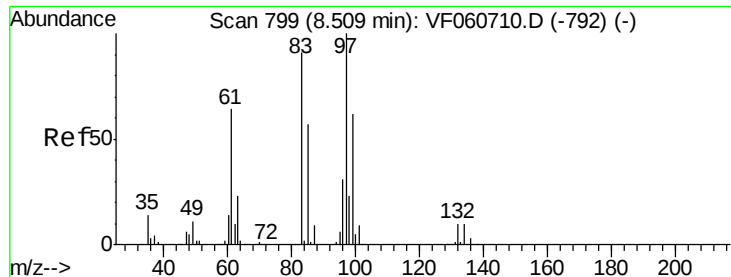


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 60.09 ug/l

RT: 8.50 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

Tgt Ion: 97 Resp: 61962

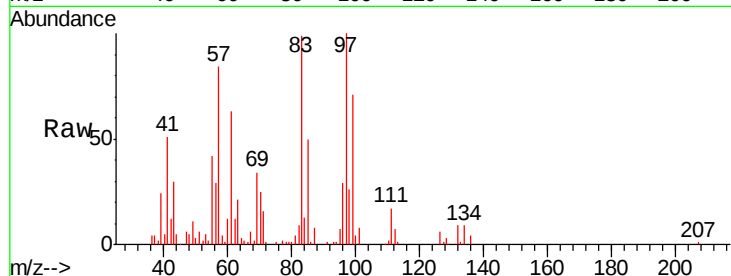
Ion Ratio Lower Upper

97 100

83 99.0 72.8 109.2

85 50.3 45.8 68.6

99 70.5 49.4 74.0

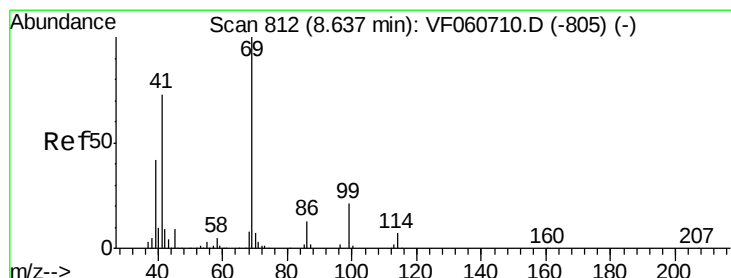
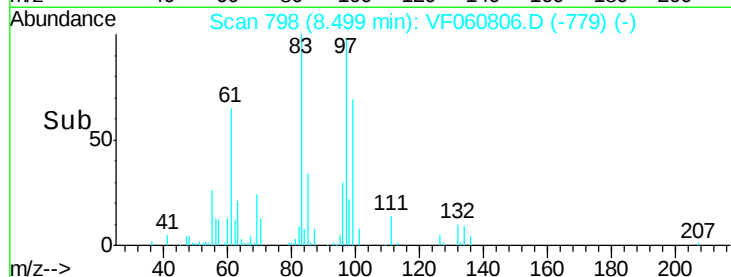
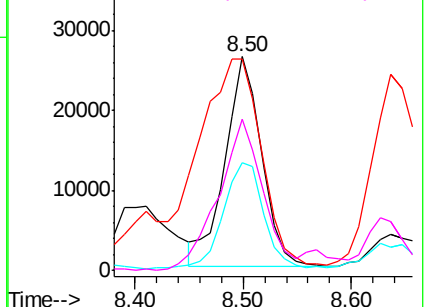


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 356.48 ug/l

RT: 8.64 min Scan# 812

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

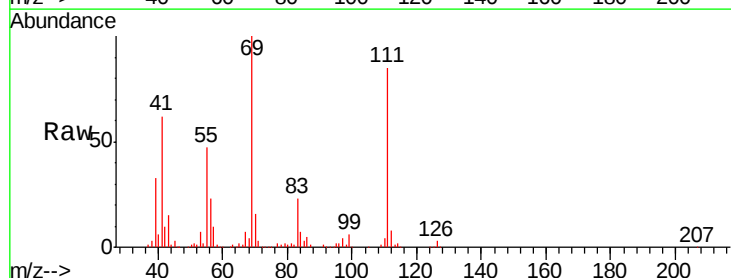
Tgt Ion: 69 Resp: 417476

Ion Ratio Lower Upper

69 100

41 61.6 59.0 88.6

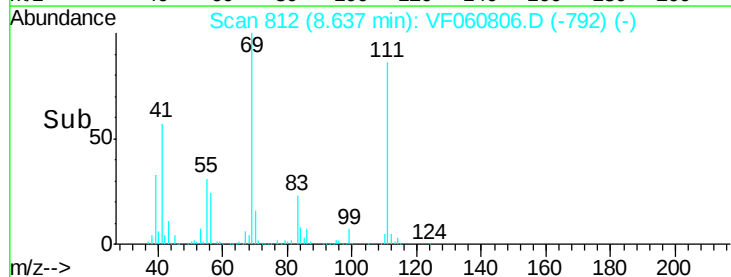
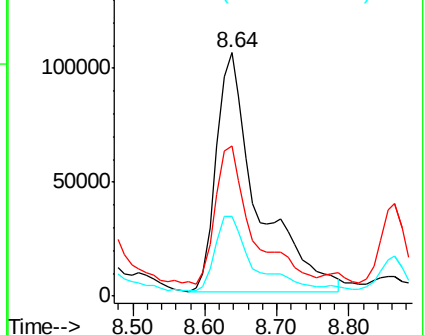
39 33.0 34.0 51.0#

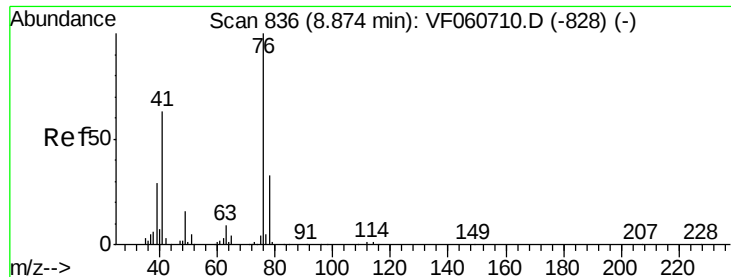


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 57.97 ug/l

RT: 8.86 min Scan# 835

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

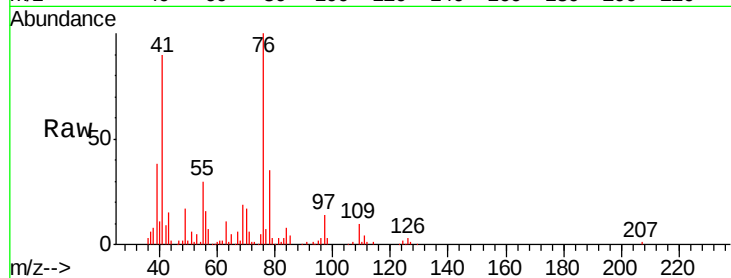
SSI-21-TW-2

Tgt Ion: 76 Resp: 103592

Ion Ratio Lower Upper

76 100

78 35.0 26.6 39.8



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

8.86

40000

30000

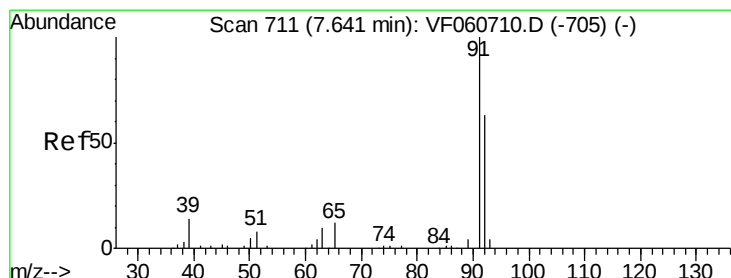
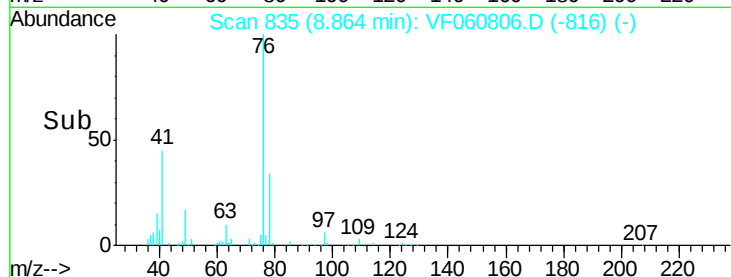
20000

10000

0

8.80 8.90 9.00

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 287.17 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060806.D

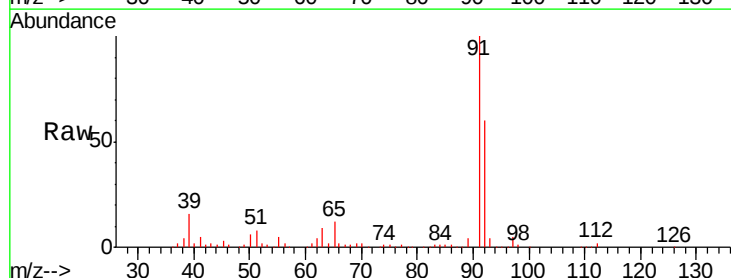
Acq: 20 Nov 2018 16:18

Tgt Ion: 63 Resp: 30721

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.63

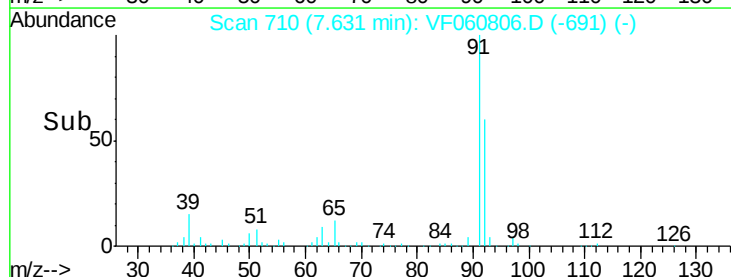
10000

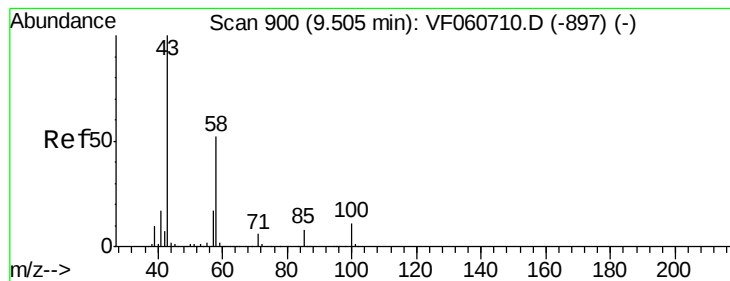
5000

0

7.50 7.60 7.70

Time-->





#59

2-Hexanone

Concen: 411.37 ug/l

RT: 9.51 min Scan# 900

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

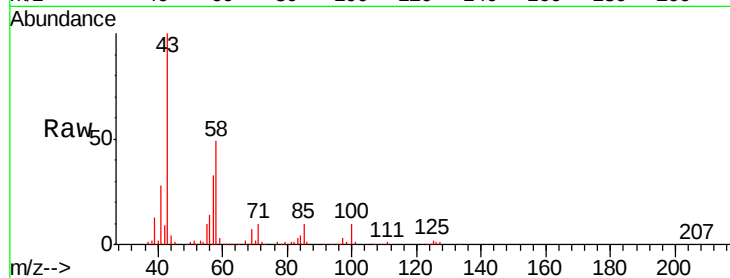
SSI-21-TW-2

Tgt Ion: 43 Resp: 249009

Ion Ratio Lower Upper

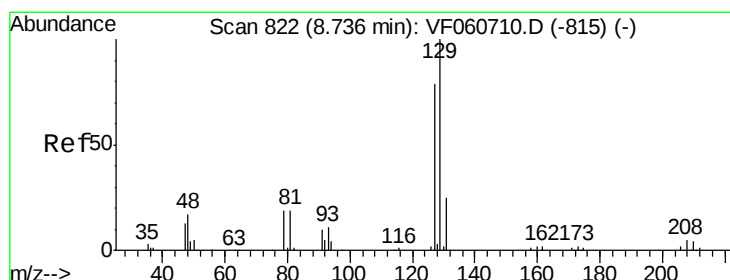
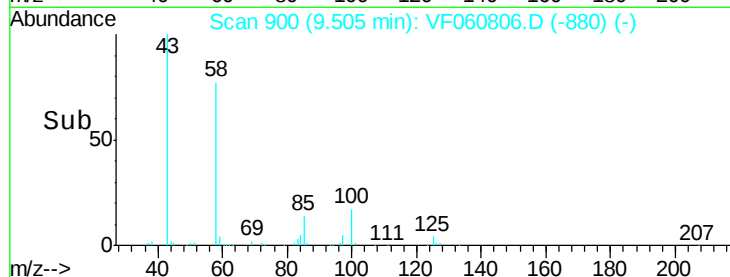
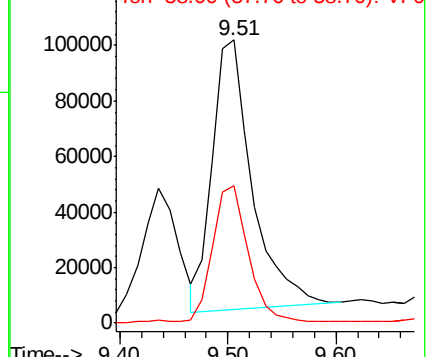
43 100

58 48.6 24.9 74.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#60

Dibromochloromethane

Concen: 52.44 ug/l

RT: 8.73 min Scan# 821

Delta R.T. -0.01 min

Lab File: VF060806.D

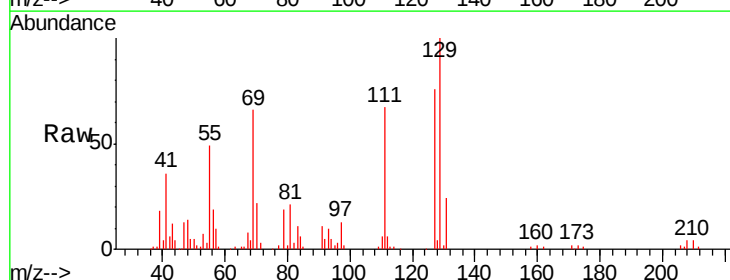
Acq: 20 Nov 2018 16:18

Tgt Ion: 129 Resp: 77070

Ion Ratio Lower Upper

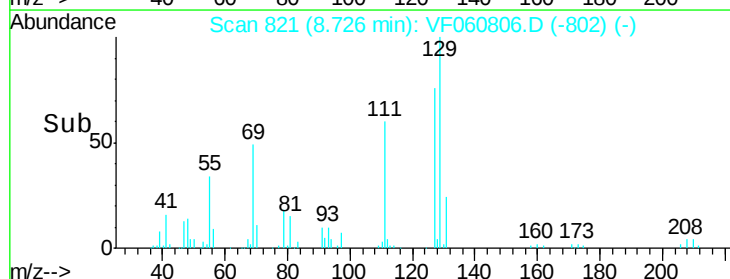
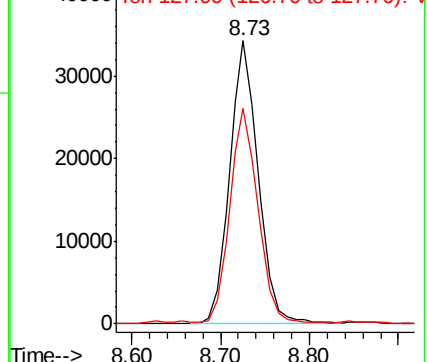
129 100

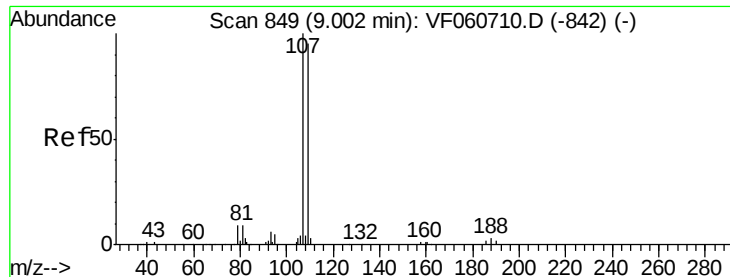
127 76.3 39.7 119.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#61

1,2-Dibromoethane

Concen: 52.10 ug/l

RT: 9.00 min Scan# 849

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

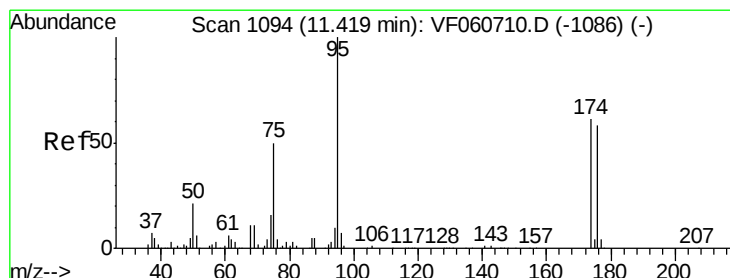
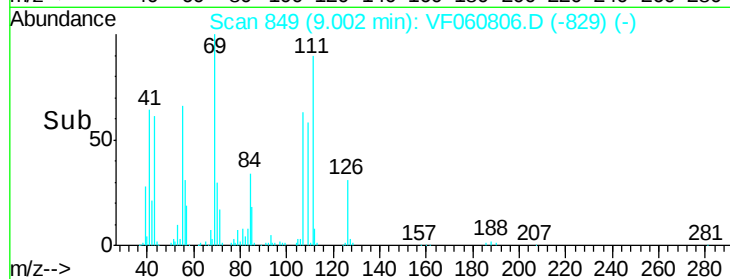
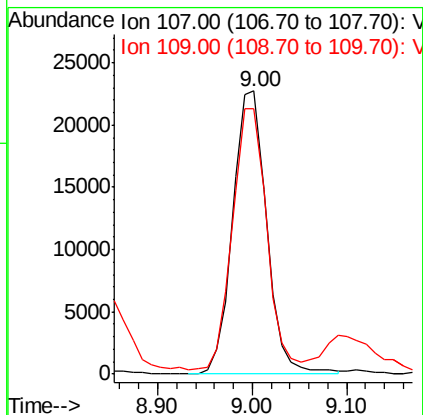
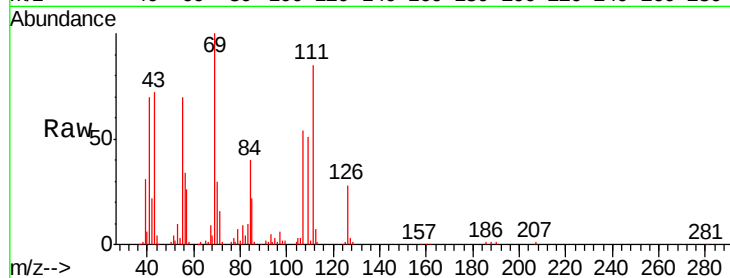
SSI-21-TW-2

Tgt Ion: 107 Resp: 56499

Ion Ratio Lower Upper

107 100

109 94.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 46.61 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

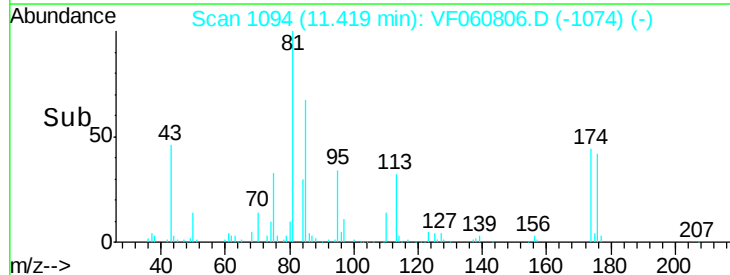
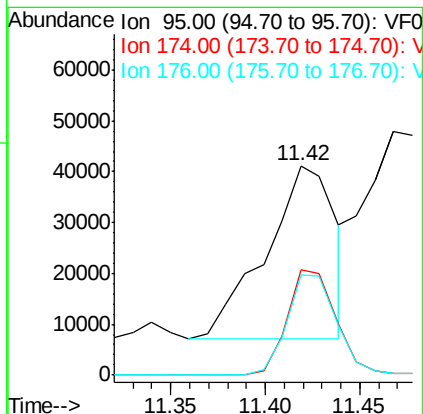
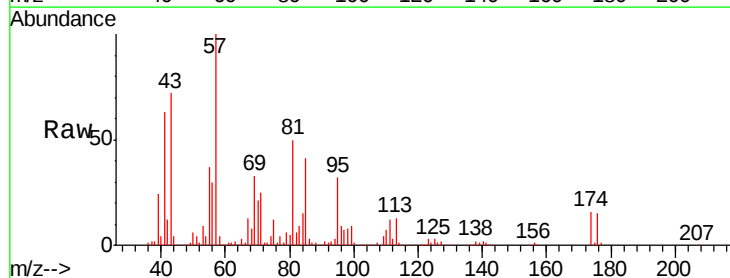
Tgt Ion: 95 Resp: 86884

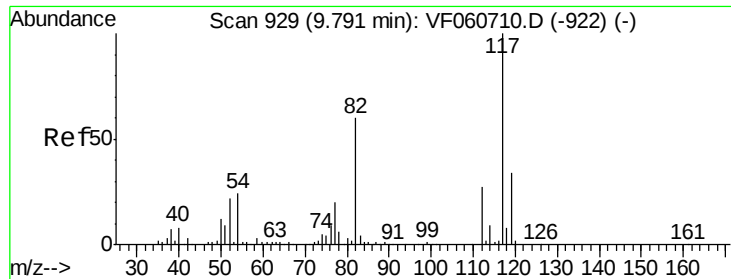
Ion Ratio Lower Upper

95 100

174 50.5 0.0 121.6

176 48.1 0.0 115.2

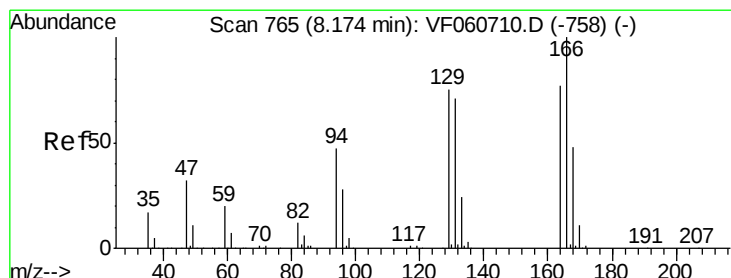
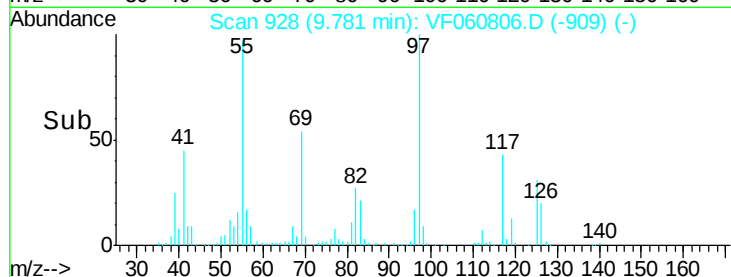
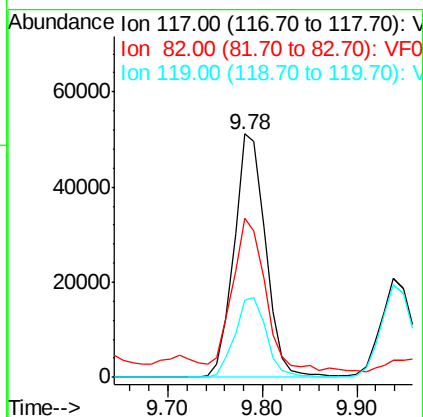
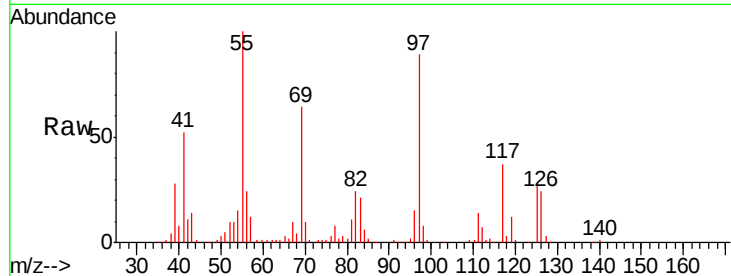




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

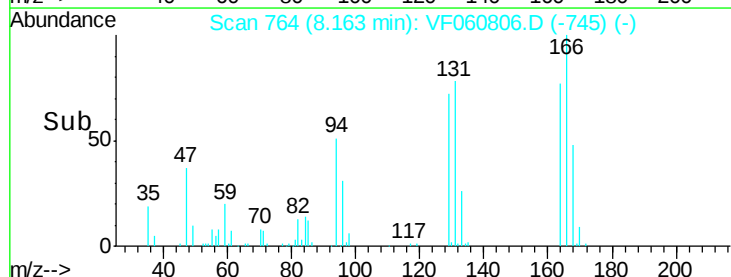
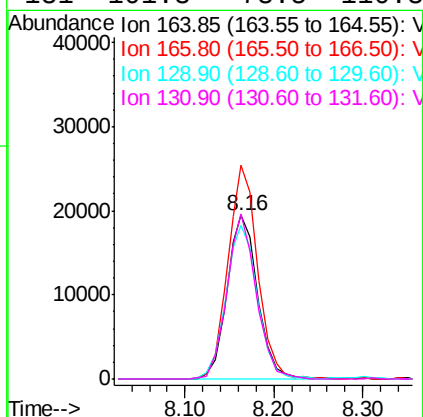
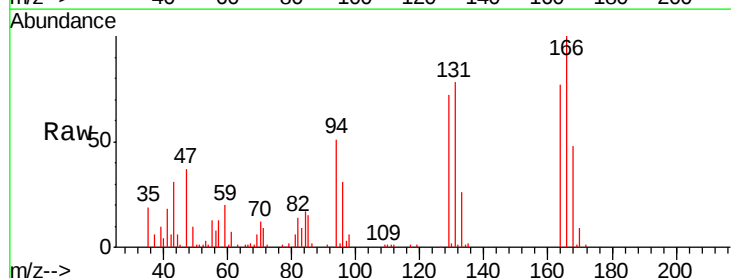
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

Tgt Ion:117 Resp: 118153
Ion Ratio Lower Upper
117 100
82 65.2 47.9 71.9
119 31.5 26.8 40.2



#64
Tetrachloroethene
Concen: 49.75 ug/l
RT: 8.16 min Scan# 764
Delta R.T. -0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

Tgt Ion:164 Resp: 46552
Ion Ratio Lower Upper
164 100
166 130.5 103.5 155.3
129 94.0 77.4 116.2
131 101.3 73.5 110.3

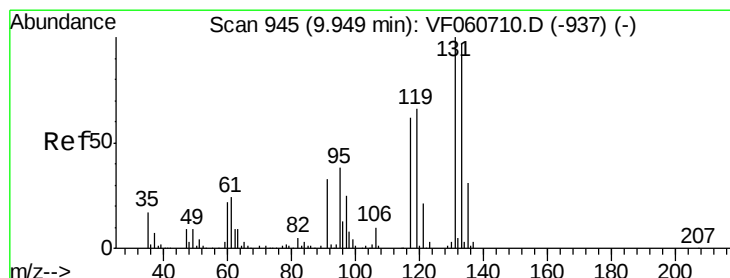
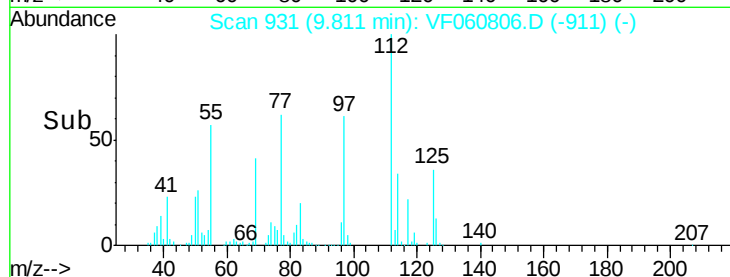
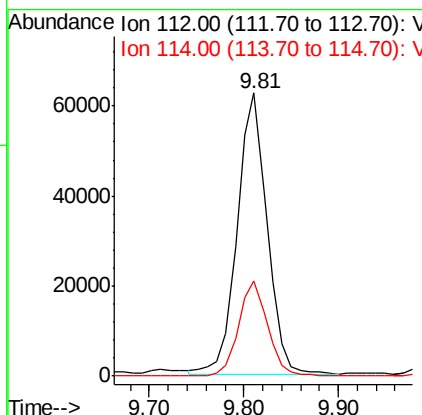
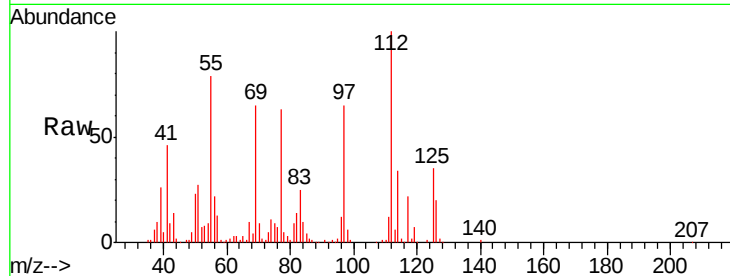




#65
Chlorobenzene
Concen: 56.98 ug/l
RT: 9.81 min Scan# 931
Delta R.T. -0.00 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

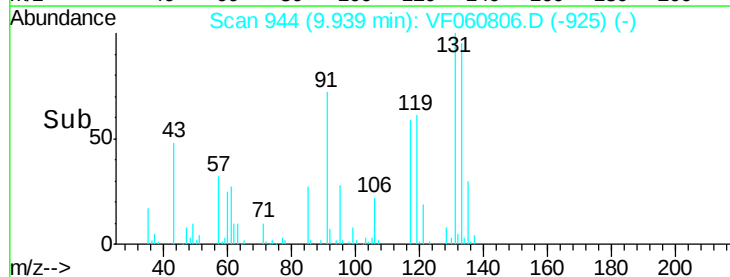
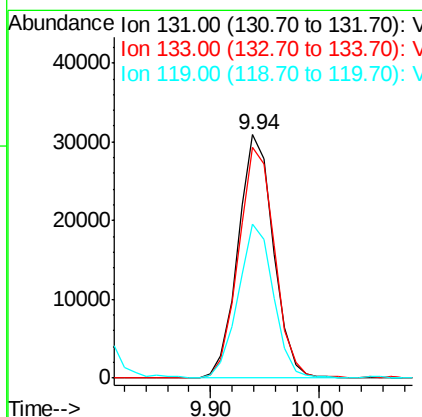
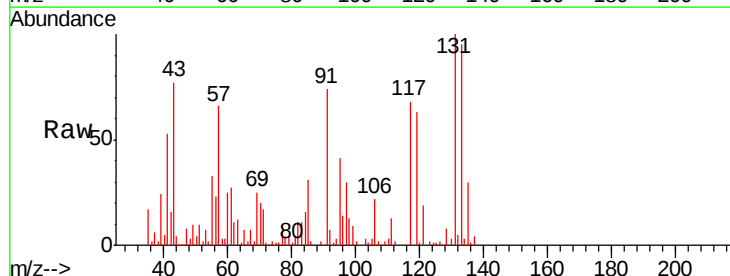
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

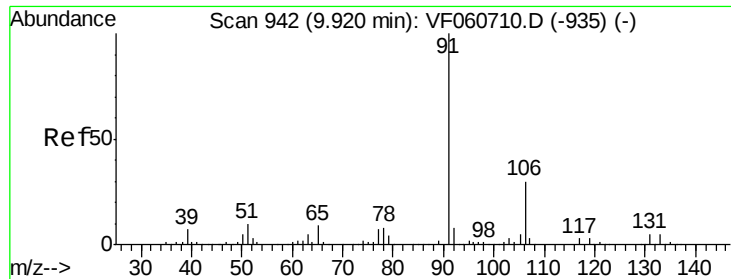
Tgt Ion:112 Resp: 135858
Ion Ratio Lower Upper
112 100
114 33.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 67.55 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

Tgt Ion:131 Resp: 70246
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.8
119 63.1 33.2 99.6

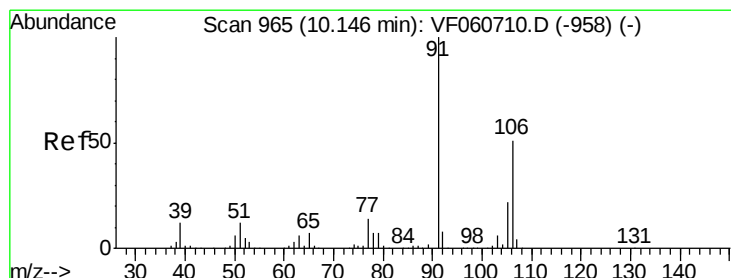
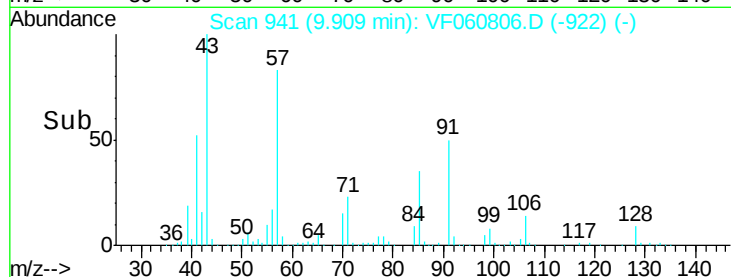
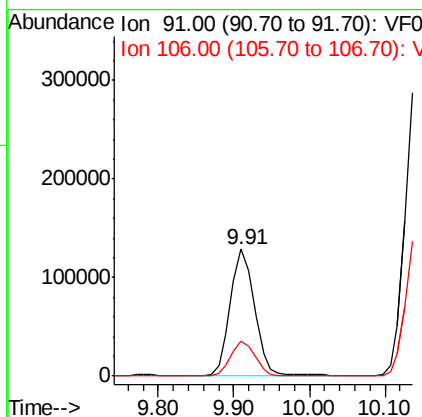
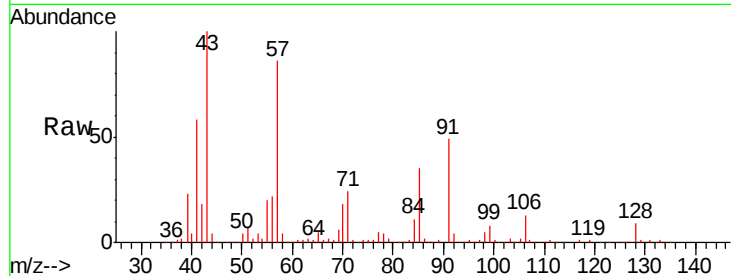




#67
Ethyl Benzene
Concen: 63.86 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

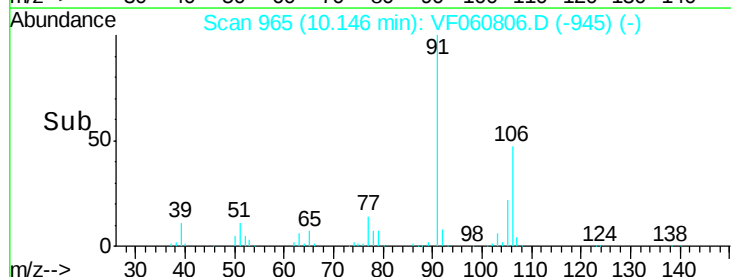
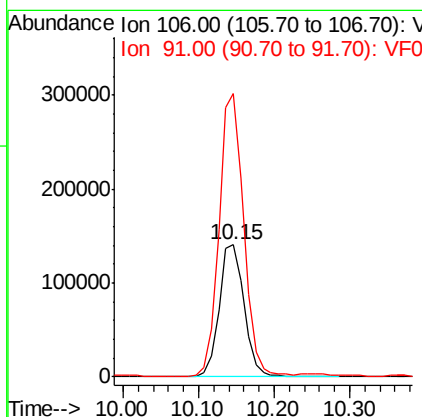
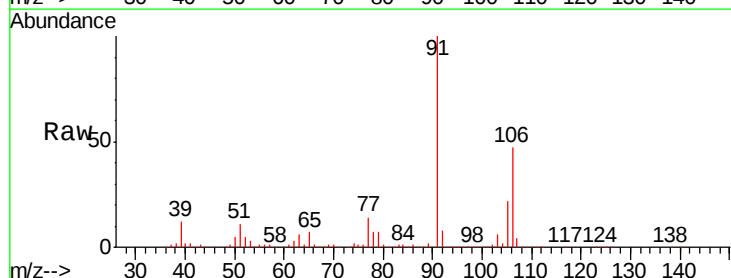
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

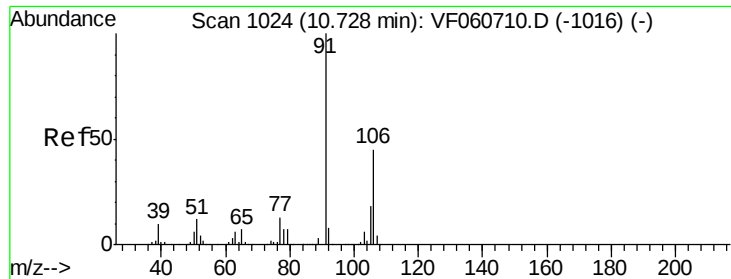
Tgt Ion: 91 Resp: 286985
Ion Ratio Lower Upper
91 100
106 27.3 23.9 35.9



#68
m/p-Xylenes
Concen: 200.71 ug/l
RT: 10.15 min Scan# 965
Delta R.T. -0.00 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

Tgt Ion: 106 Resp: 322358
Ion Ratio Lower Upper
106 100
91 214.8 158.2 237.2

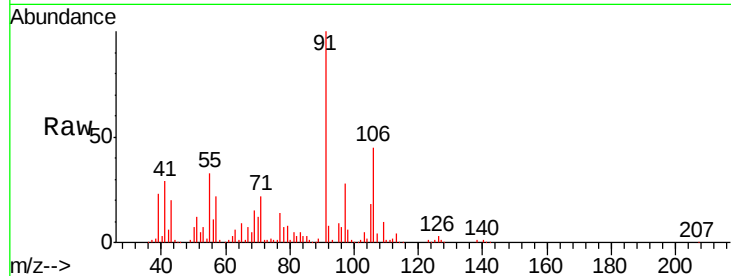




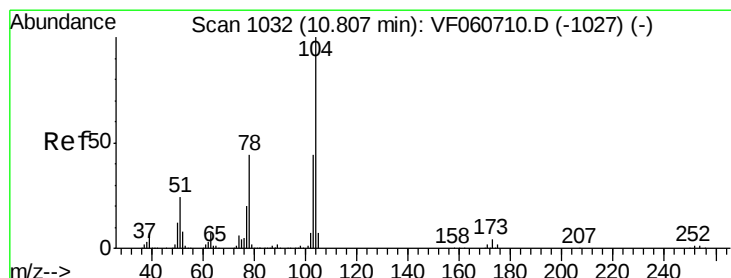
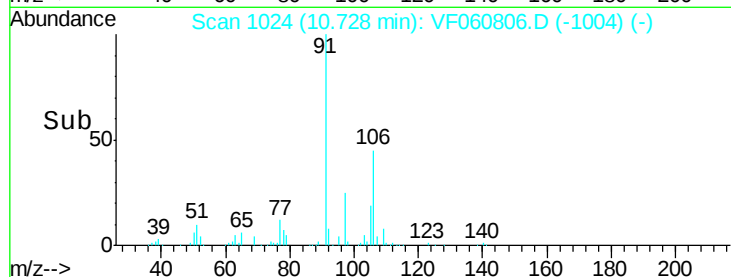
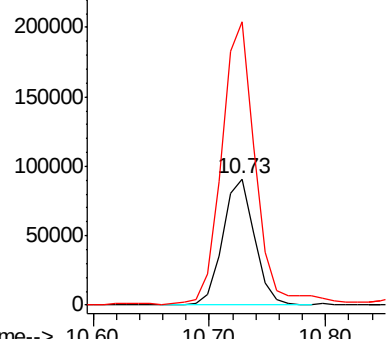
#69
o-Xylene
Concen: 95.53 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. -0.00 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

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

Tgt Ion:106 Resp: 172507
Ion Ratio Lower Upper
106 100
91 224.0 110.3 330.9

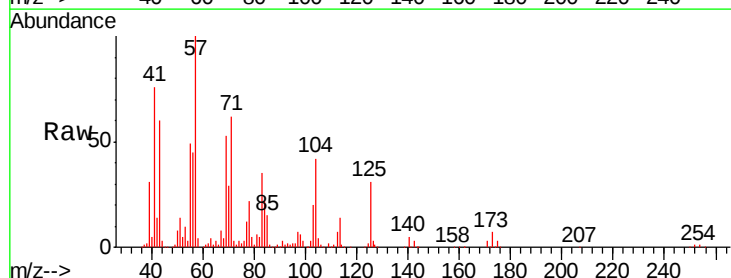


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

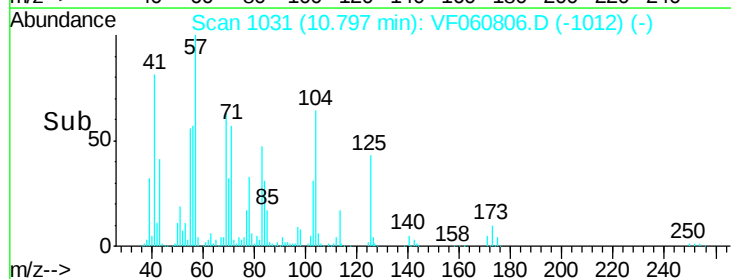
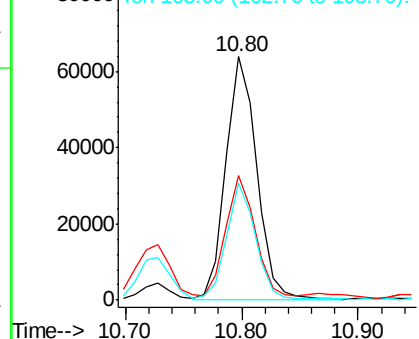


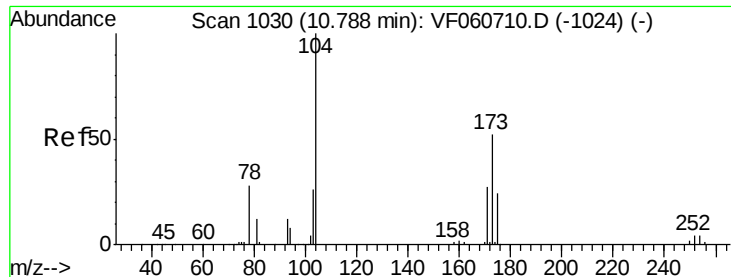
#70
Styrene
Concen: 47.83 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

Tgt Ion:104 Resp: 117202
Ion Ratio Lower Upper
104 100
78 51.3 35.4 53.2
103 47.8 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: 74.75 ug/l

RT: 10.79 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

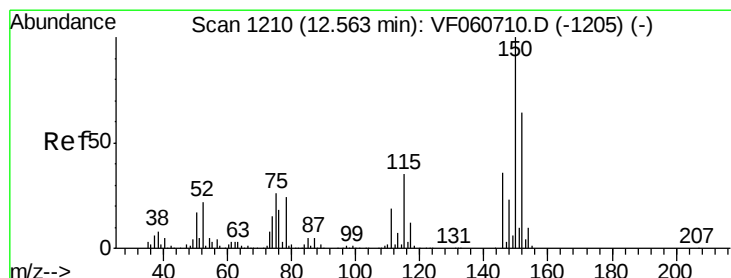
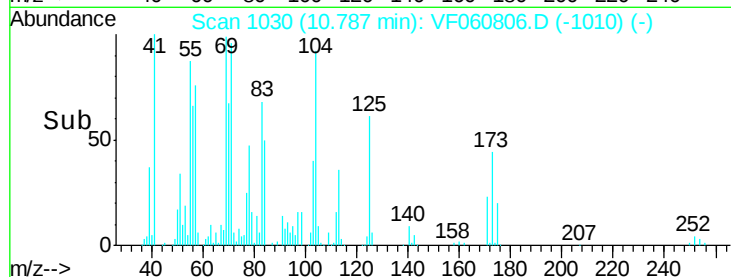
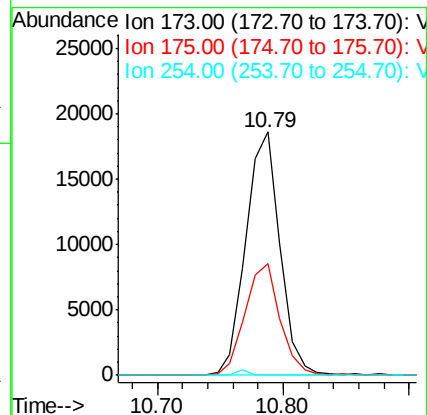
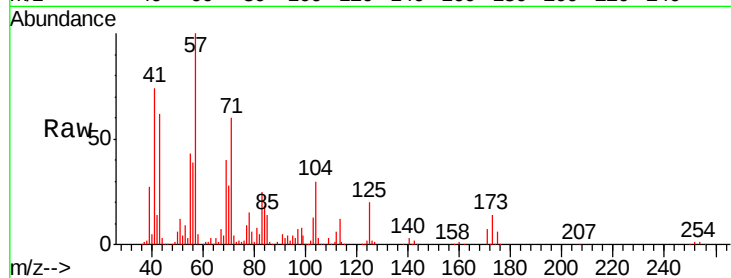
Tgt Ion:173 Resp: 34955

Ion Ratio Lower Upper

173 100

175 45.7 23.4 70.0

254 0.0 5.8 8.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

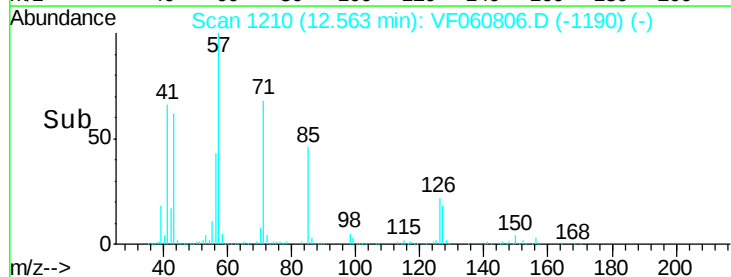
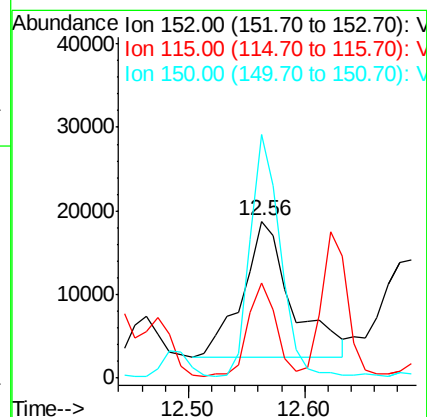
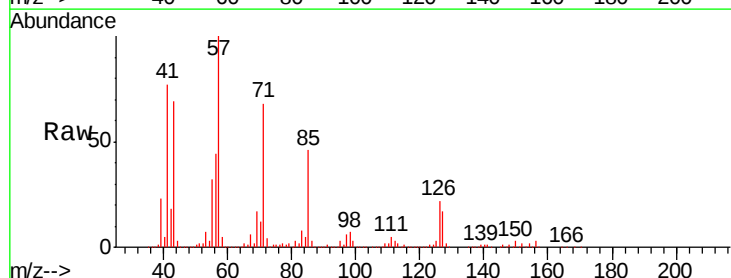
Tgt Ion:152 Resp: 47449

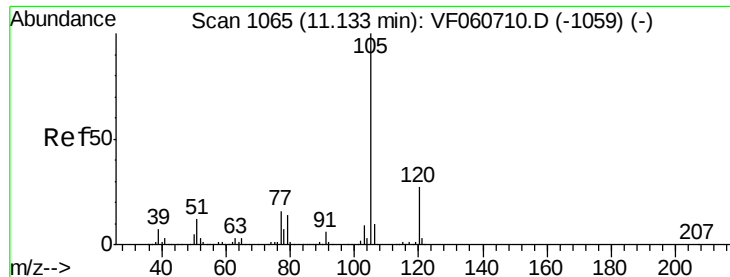
Ion Ratio Lower Upper

152 100

115 60.6 27.9 83.7

150 155.0 0.0 316.4





#73

Isopropylbenzene

Concen: 42.98 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

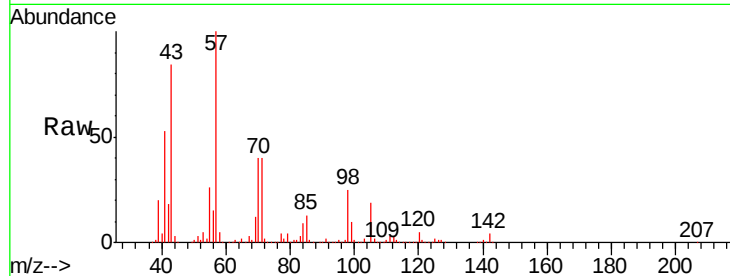
SSI-21-TW-2

Tgt Ion:105 Resp: 164153

Ion Ratio Lower Upper

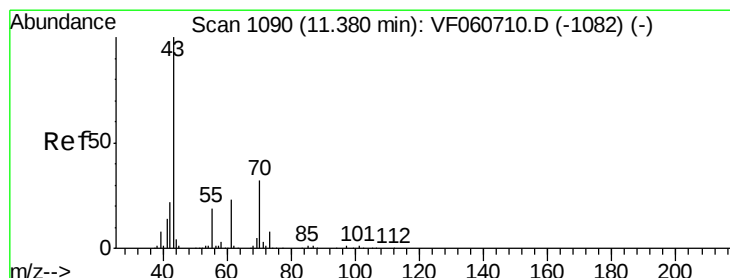
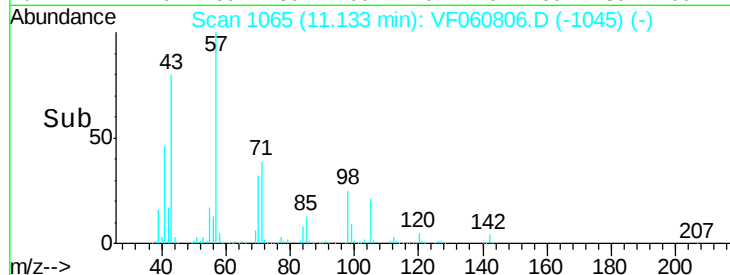
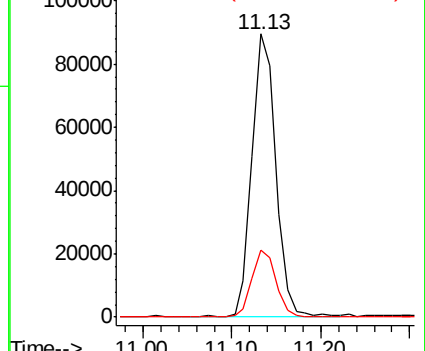
105 100

120 23.5 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-ethyl acetate

Concen: 337.53 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.03 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Tgt Ion: 43 Resp: 293468

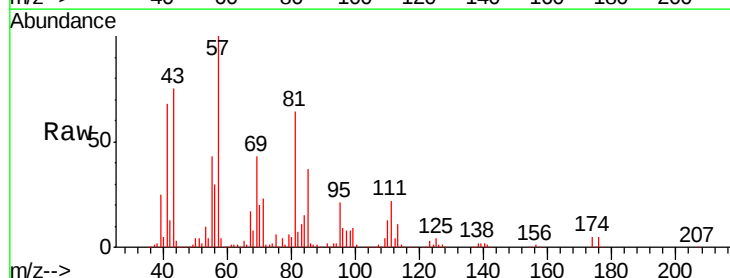
Ion Ratio Lower Upper

43 100

70 26.8 25.5 38.3

55 57.7 14.9 22.3#

61 1.6 18.6 27.8#

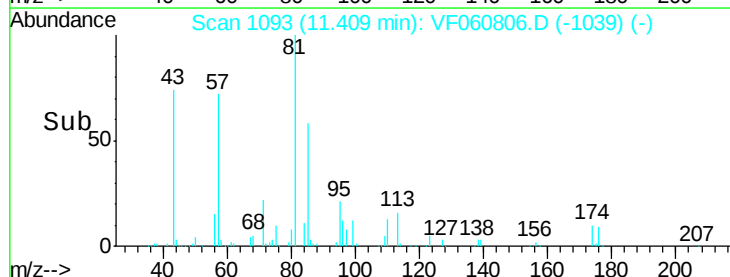
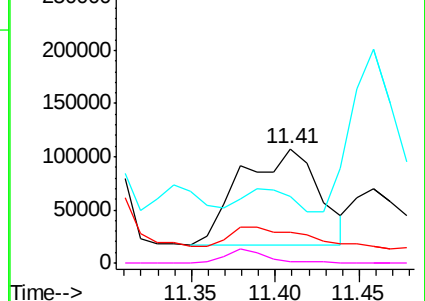


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 309.11 ug/l

RT: 11.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

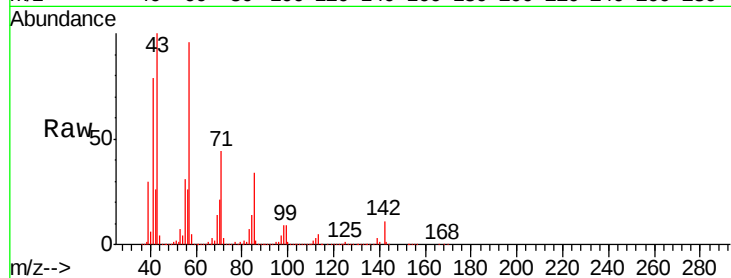
Tgt Ion: 83 Resp: 195185

Ion Ratio Lower Upper

83 100

131 0.9 4.2 12.4#

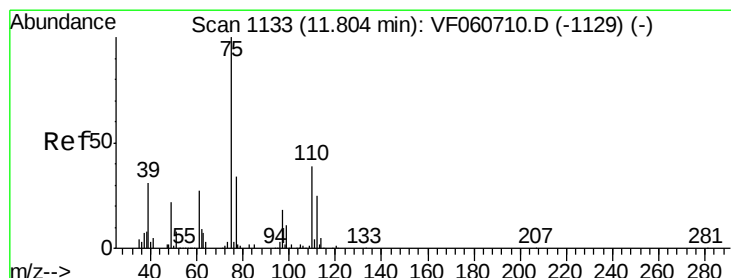
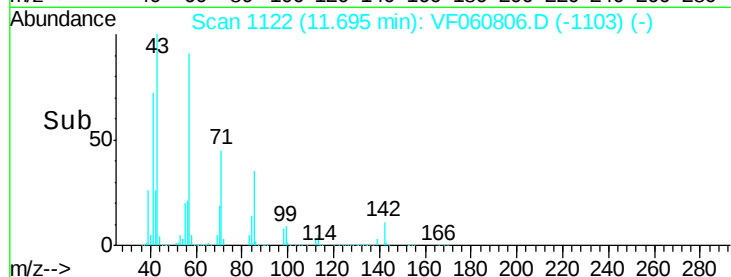
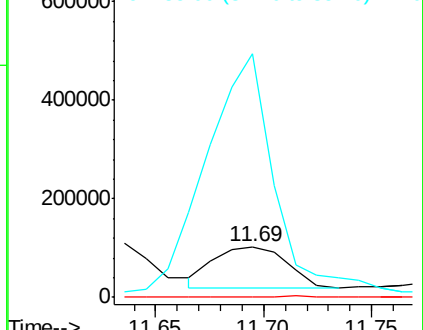
85 479.5 32.0 96.2#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 110.42 ug/l

RT: 11.80 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VF060806.D

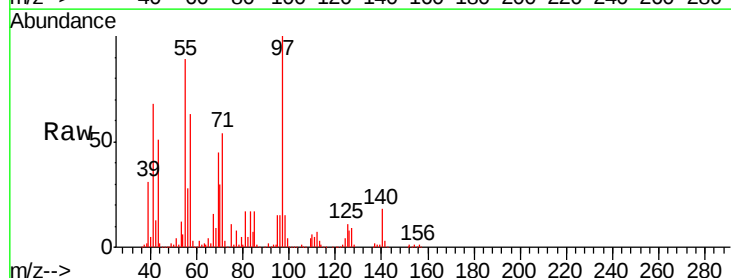
Acq: 20 Nov 2018 16:18

Tgt Ion: 75 Resp: 51781

Ion Ratio Lower Upper

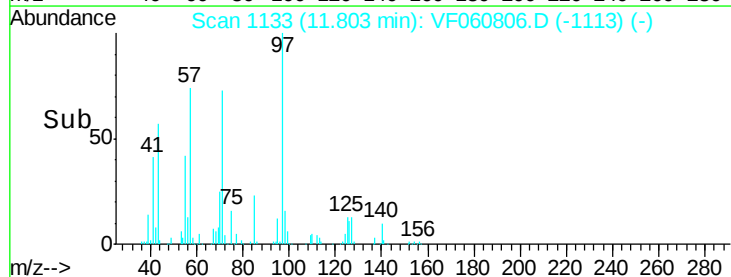
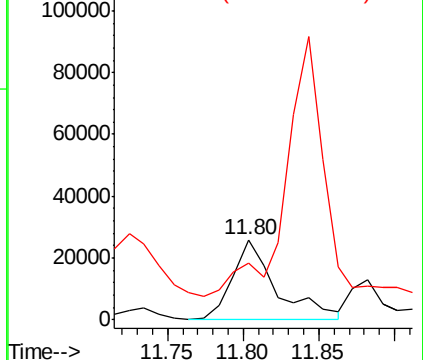
75 100

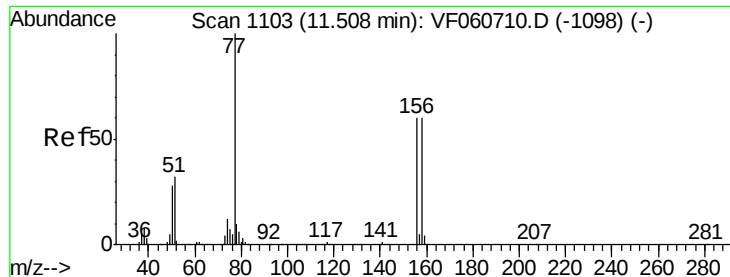
77 71.4 17.0 51.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 60.58 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

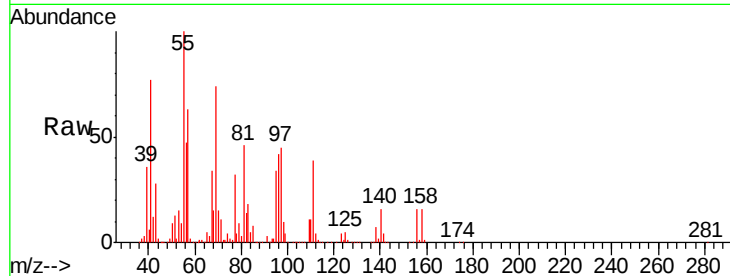
Tgt Ion:156 Resp: 48159

Ion Ratio Lower Upper

156 100

77 200.5 83.0 248.9

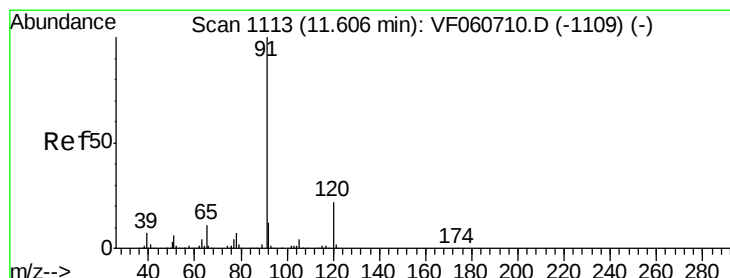
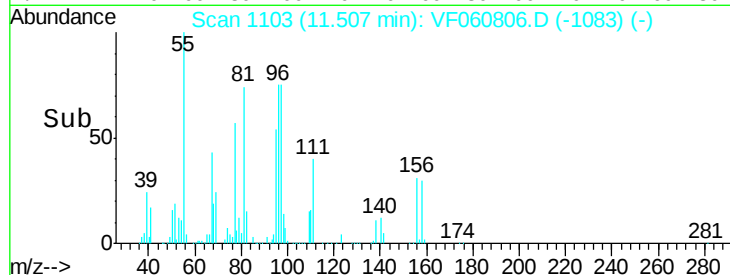
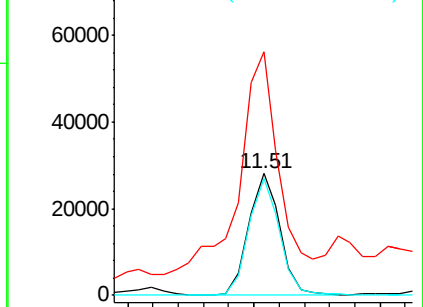
158 96.5 49.6 149.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 46.29 ug/l

RT: 11.61 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF060806.D

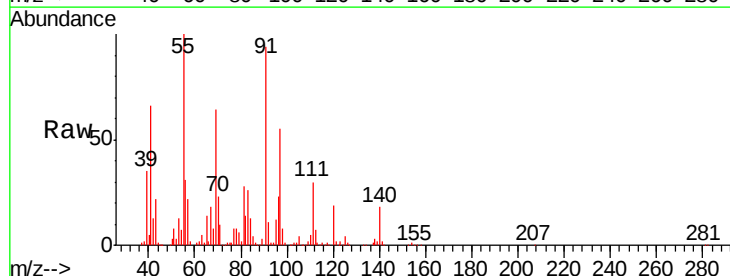
Acq: 20 Nov 2018 16:18

Tgt Ion: 91 Resp: 206189

Ion Ratio Lower Upper

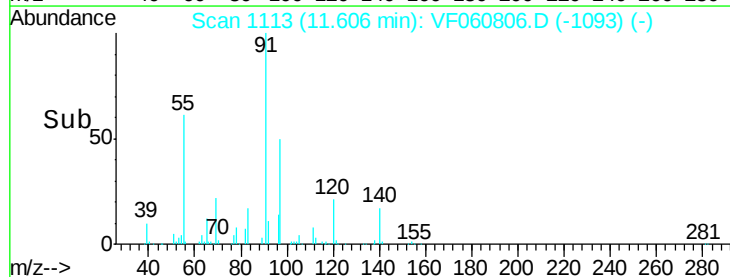
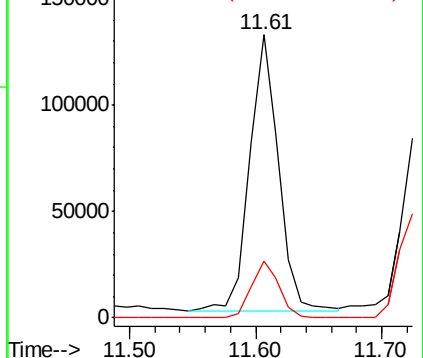
91 100

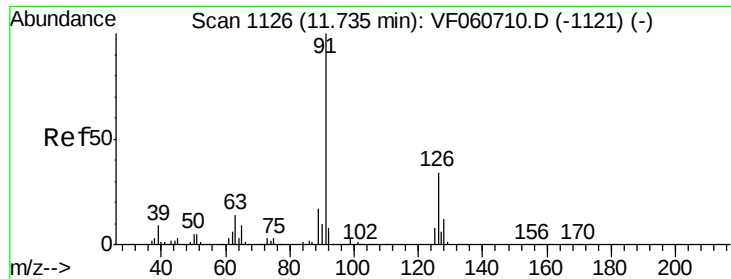
120 20.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 62.79 ug/l

RT: 11.73 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

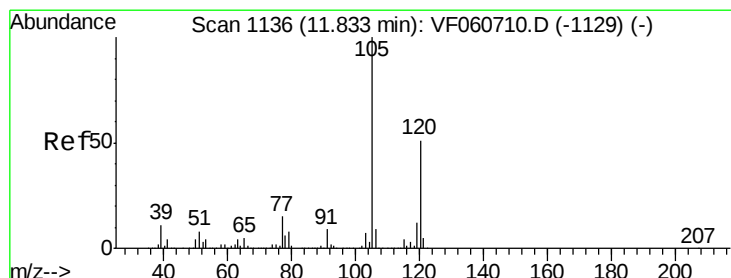
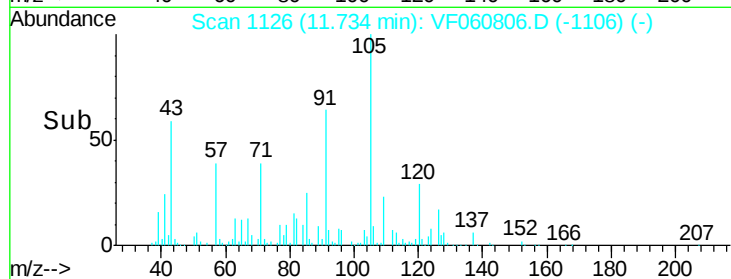
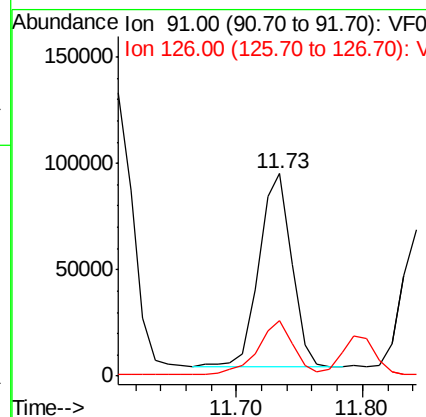
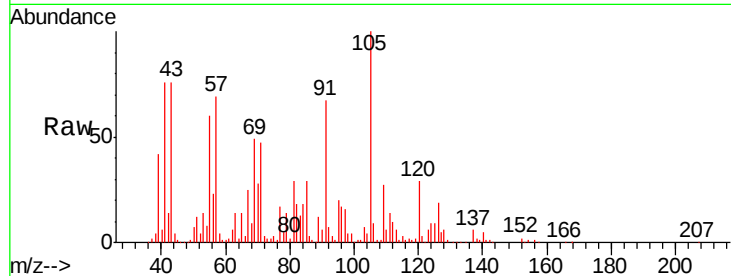
SSI-21-TW-2

Tgt Ion: 91 Resp: 162556

Ion Ratio Lower Upper

91 100

126 27.7 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 293.99 ug/l

RT: 11.84 min Scan# 1137

Delta R.T. 0.01 min

Lab File: VF060806.D

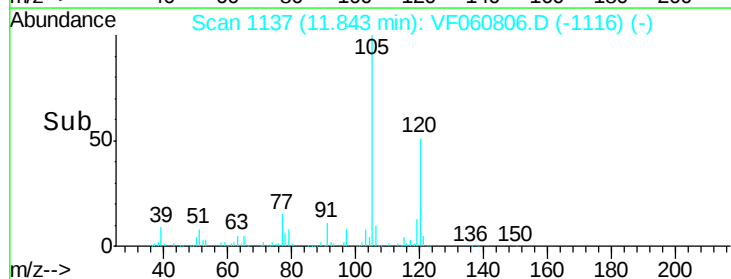
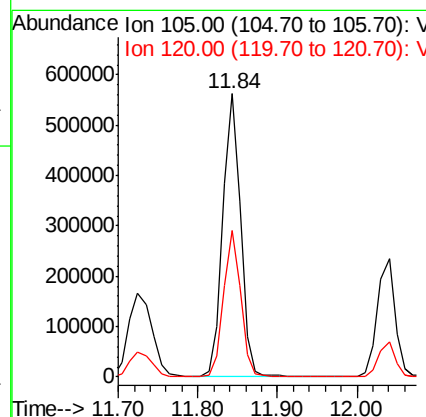
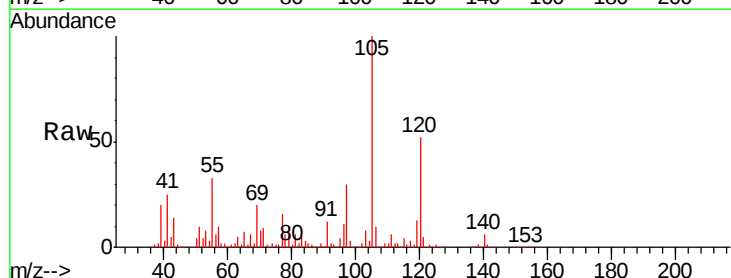
Acq: 20 Nov 2018 16:18

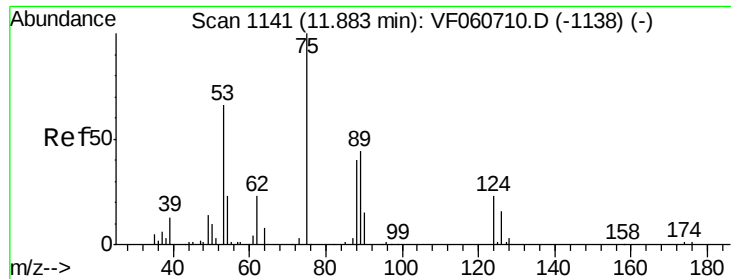
Tgt Ion: 105 Resp: 891433

Ion Ratio Lower Upper

105 100

120 51.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 91.59 ug/l

RT: 11.88 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

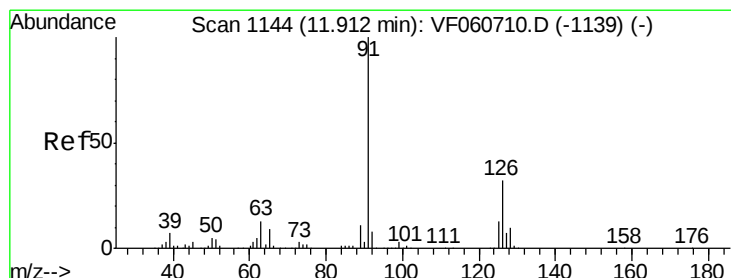
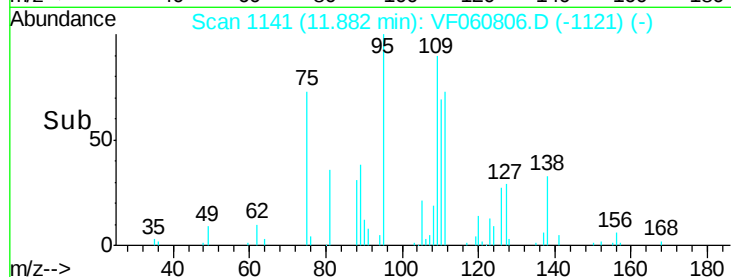
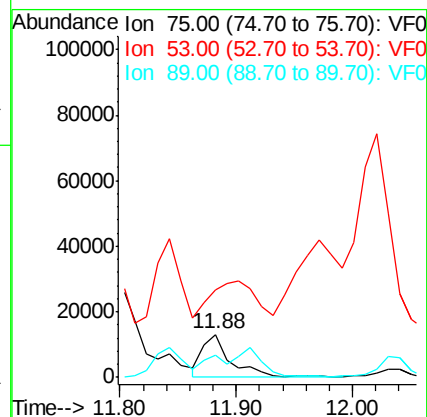
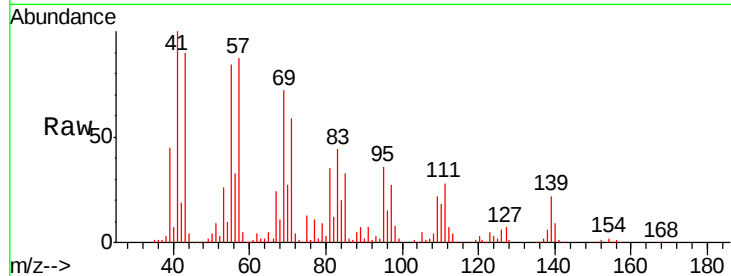
Tgt Ion: 75 Resp: 21103

Ion Ratio Lower Upper

75 100

53 201.2 57.0 85.4#

89 51.5 37.8 56.8



#82

4-Chlorotoluene

Concen: 44.27 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF060806.D

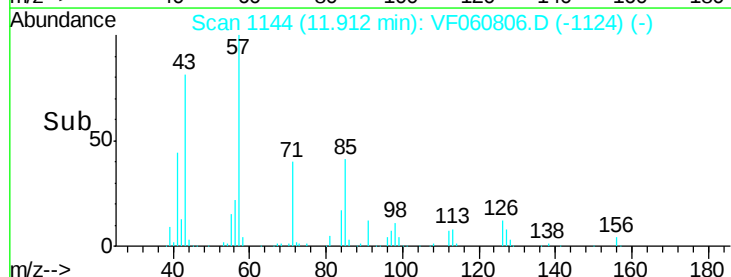
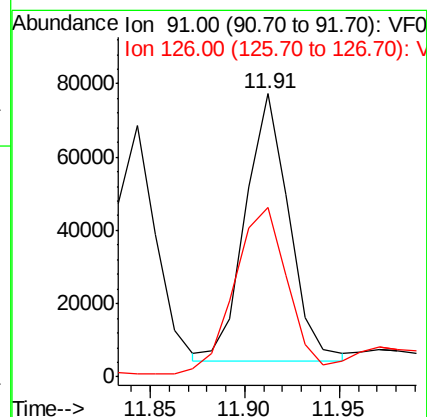
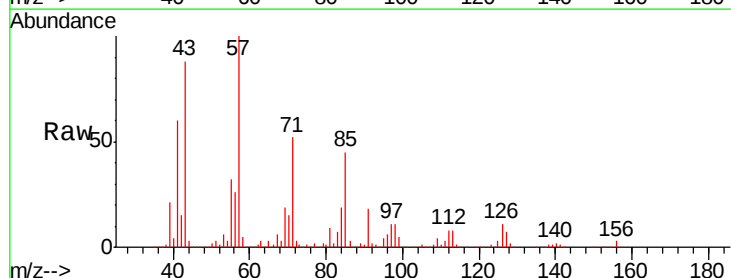
Acq: 20 Nov 2018 16:18

Tgt Ion: 91 Resp: 117410

Ion Ratio Lower Upper

91 100

126 59.7 16.0 47.9#

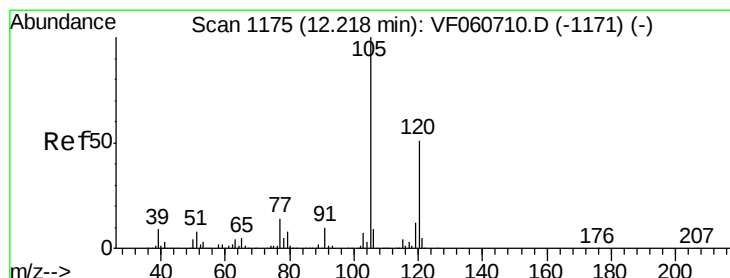
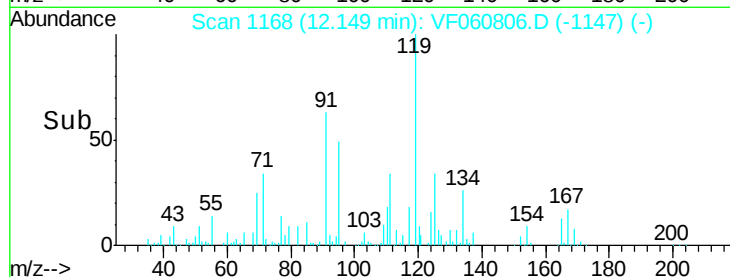
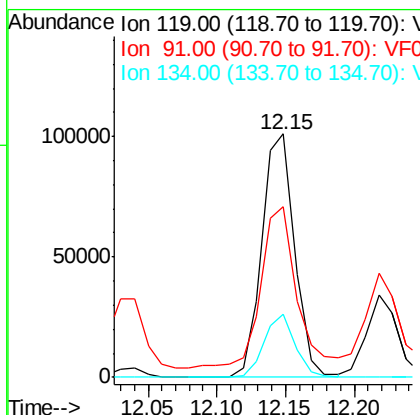
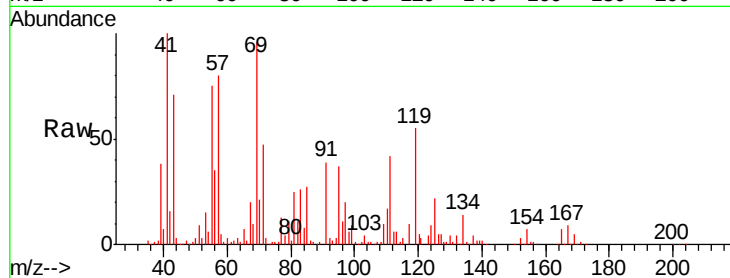




#83
 tert-Butylbenzene
 Concen: 52.02 ug/l
 RT: 12.15 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

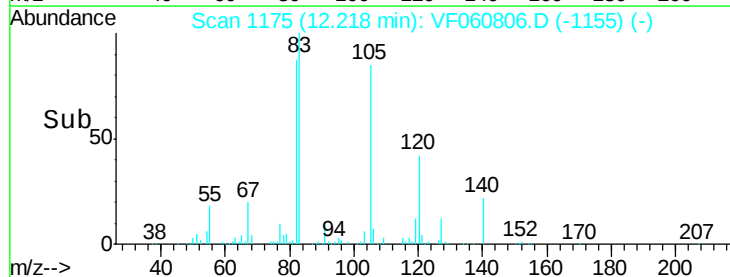
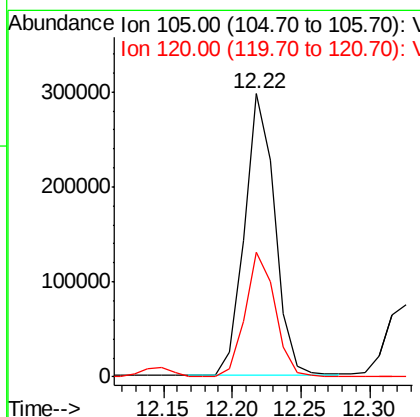
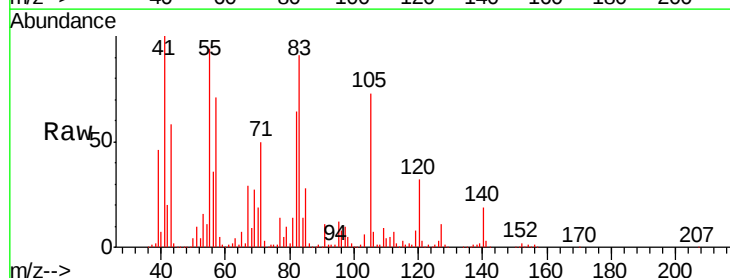
Instrument :
 MSVOA_F
 ClientSampled :
 SSI-21-TW-2

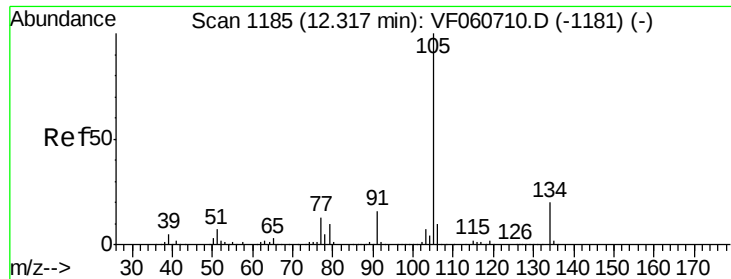
Tgt Ion:119 Resp: 167486
 Ion Ratio Lower Upper
 119 100
 91 69.9 31.4 94.3
 134 26.1 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 145.94 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

Tgt Ion:105 Resp: 457651
 Ion Ratio Lower Upper
 105 100
 120 43.9 25.5 76.5

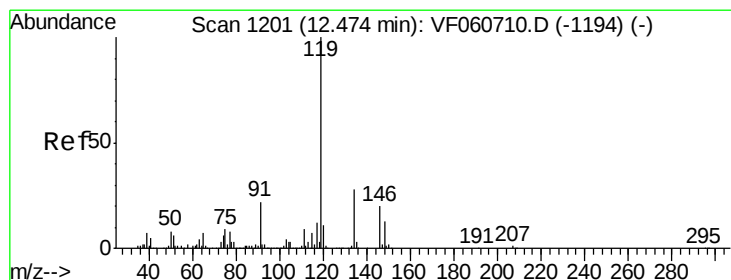
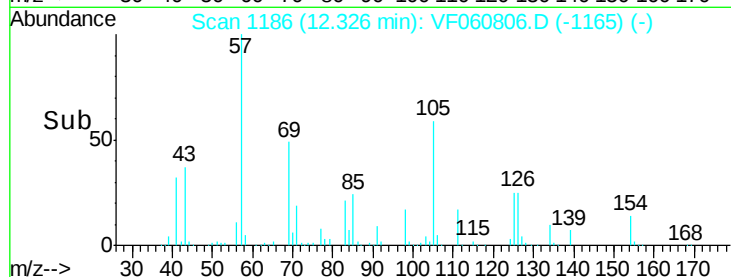
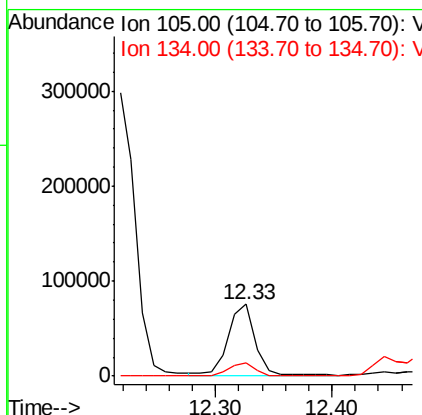
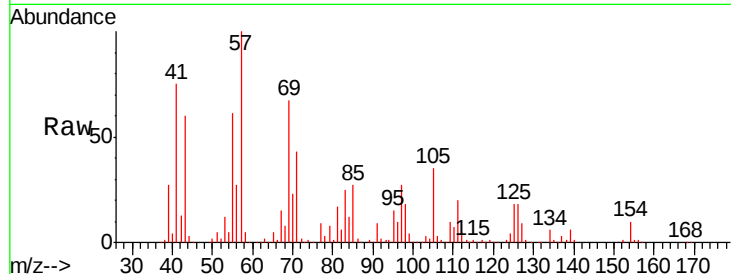




#85
 sec-Butylbenzene
 Concen: 26.81 ug/l
 RT: 12.33 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

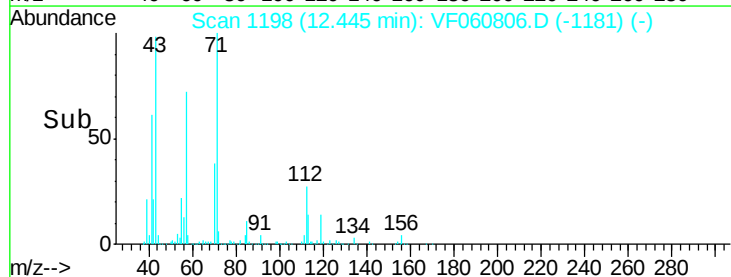
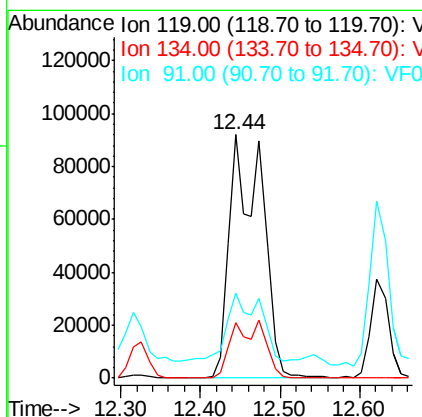
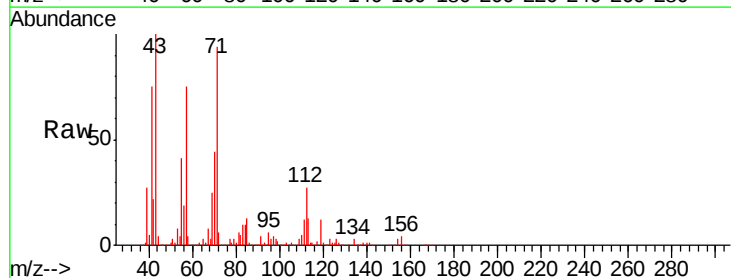
Instrument :
 MSVOA_F
 ClientSampled :
 SSI-21-TW-2

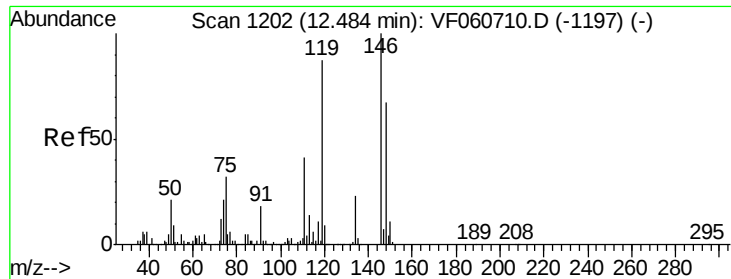
Tgt Ion:105 Resp: 117075
 Ion Ratio Lower Upper
 105 100
 134 18.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 70.22 ug/l
 RT: 12.44 min Scan# 1198
 Delta R.T. -0.03 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

Tgt Ion:119 Resp: 256122
 Ion Ratio Lower Upper
 119 100
 134 23.0 13.9 41.7
 91 35.1 11.3 33.9#

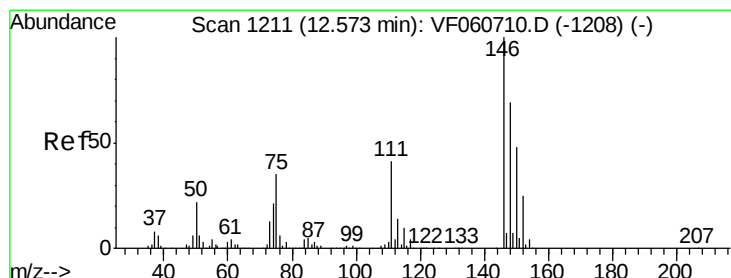
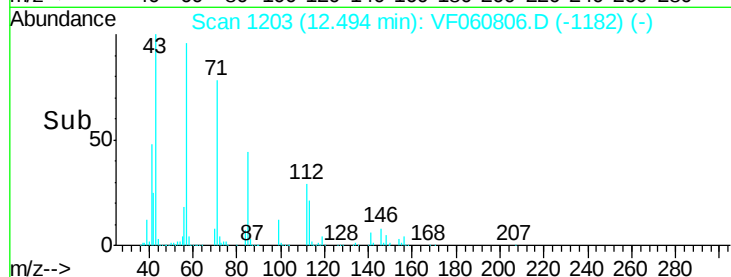
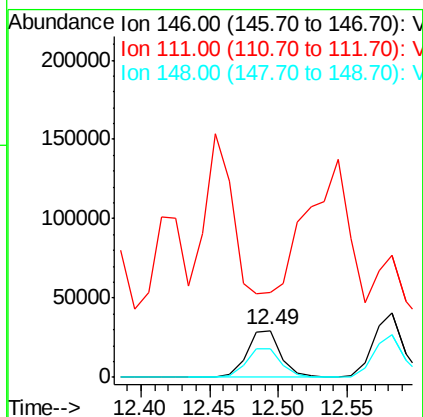
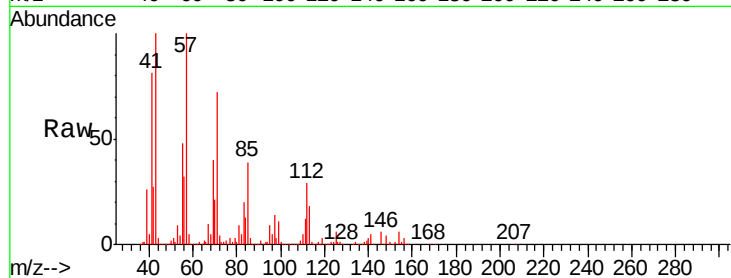




#87
 1,3-Dichlorobenzene
 Concen: 31.97 ug/l
 RT: 12.49 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

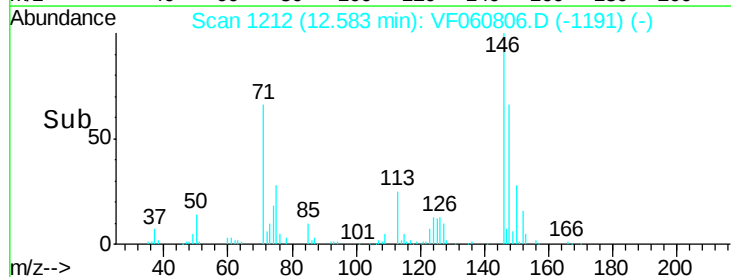
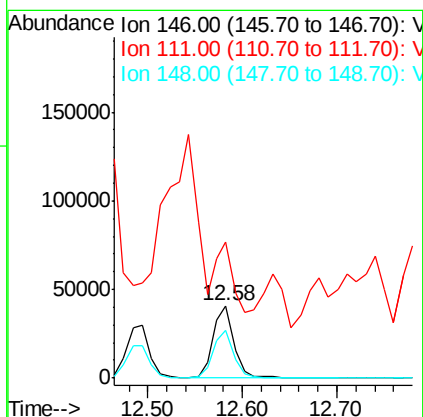
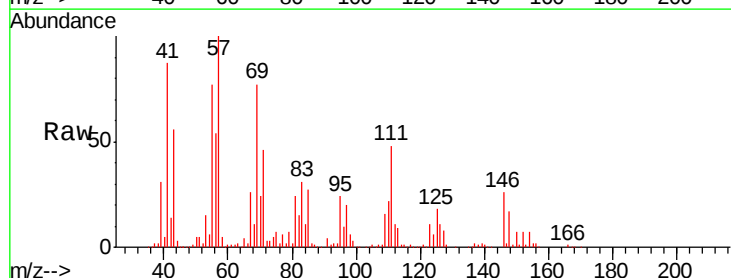
Instrument :
 MSVOA_F
 ClientSampled :
 SSI-21-TW-2

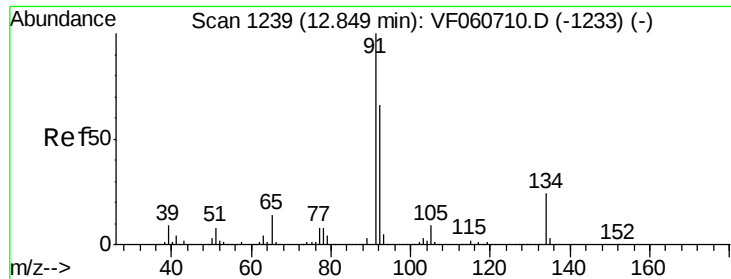
Tgt Ion:146 Resp: 50573
 Ion Ratio Lower Upper
 146 100
 111 181.2 20.3 60.8#
 148 62.4 33.3 99.9



#88
 1,4-Dichlorobenzene
 Concen: 41.40 ug/l
 RT: 12.58 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

Tgt Ion:146 Resp: 62951
 Ion Ratio Lower Upper
 146 100
 111 188.3 20.6 61.9#
 148 66.3 34.7 104.1

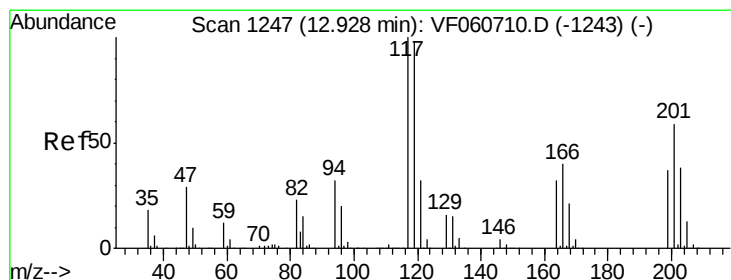
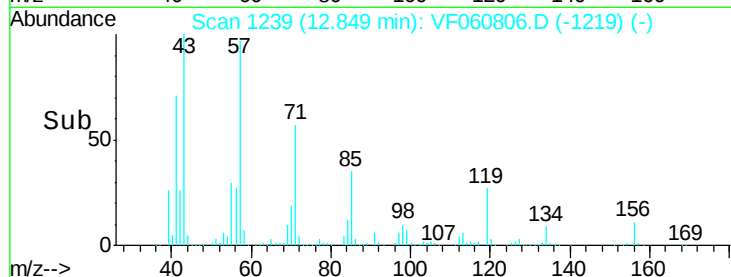
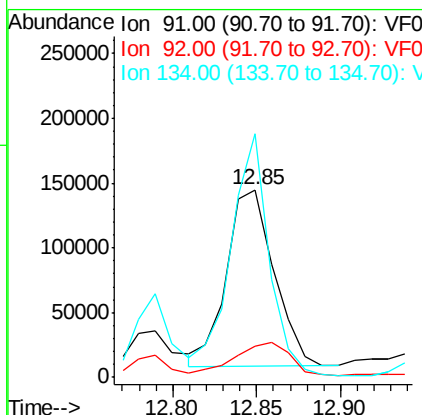
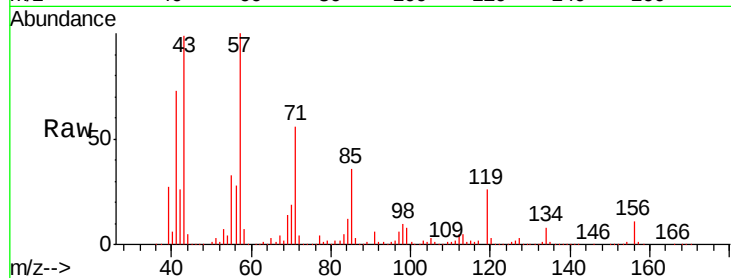




#89
n-Butylbenzene
Concen: 72.02 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

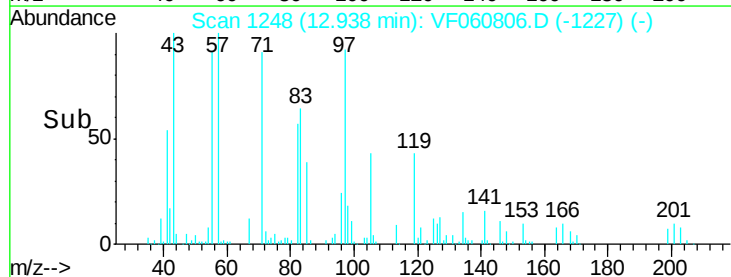
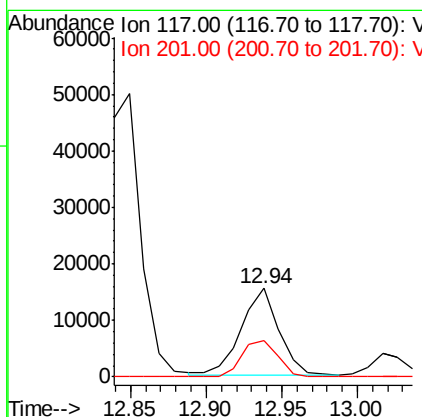
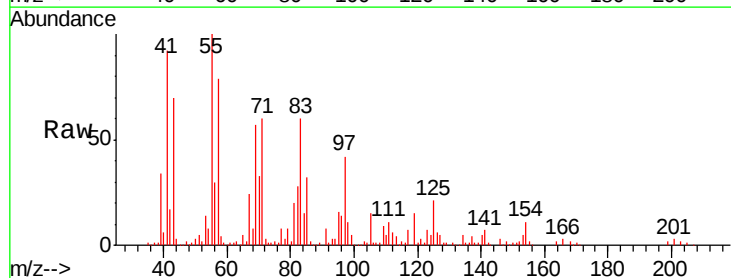
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

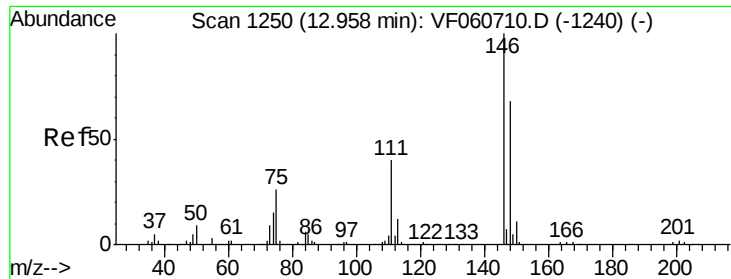
Tgt Ion: 91 Resp: 268087
Ion Ratio Lower Upper
91 100
92 16.5 33.1 99.2#
134 130.0 11.9 35.9#



#90
Hexachloroethane
Concen: 30.51 ug/l
RT: 12.94 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VF060806.D
Acq: 20 Nov 2018 16:18

Tgt Ion: 117 Resp: 27219
Ion Ratio Lower Upper
117 100
201 41.8 29.4 88.3





#91

1,2-Dichlorobenzene

Concen: 43.06 ug/l

RT: 12.96 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

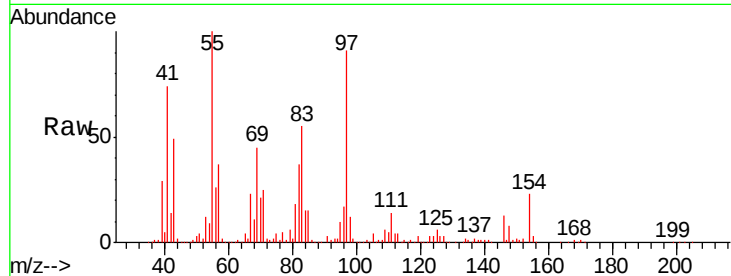
Tgt Ion:146 Resp: 64152

Ion Ratio Lower Upper

146 100

111 111.3 20.3 60.8#

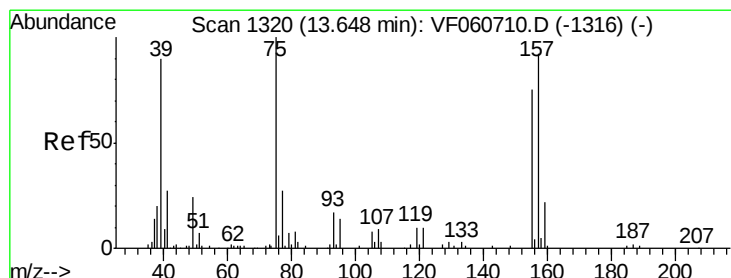
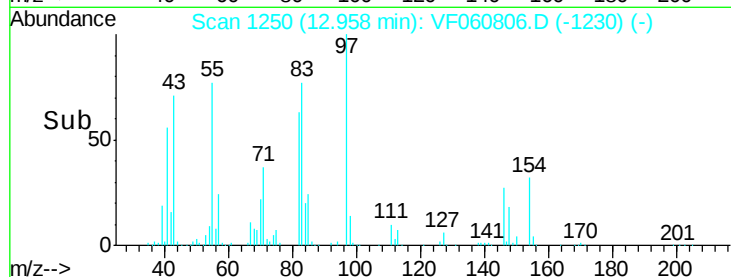
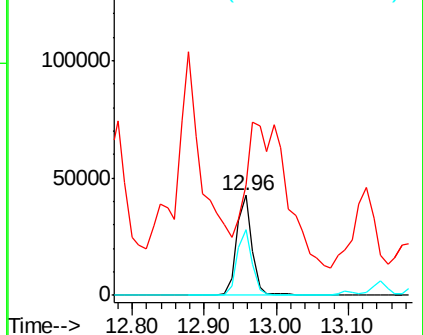
148 65.5 34.1 102.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 138.88 ug/l

RT: 13.65 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

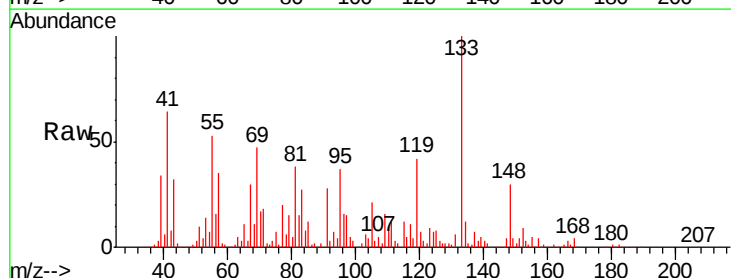
Tgt Ion: 75 Resp: 16482

Ion Ratio Lower Upper

75 100

155 65.1 37.4 112.2

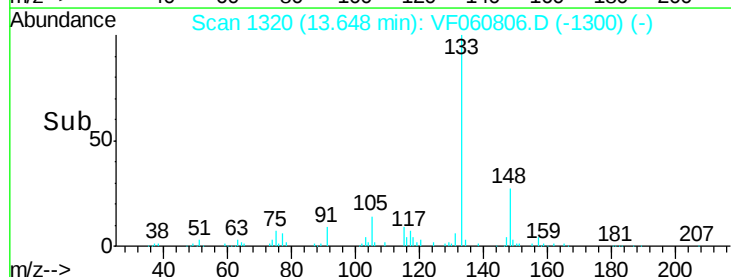
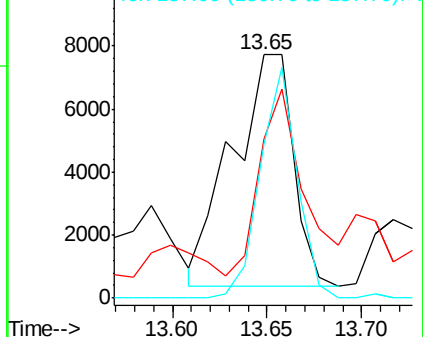
157 63.2 46.0 138.0

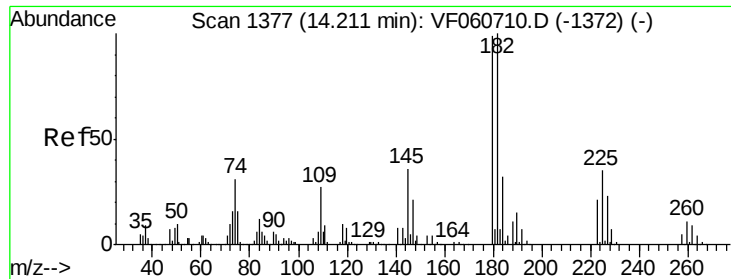


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

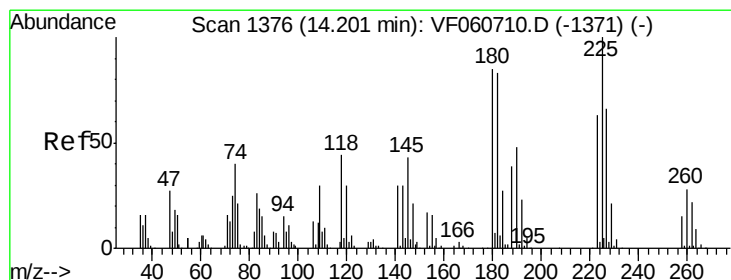
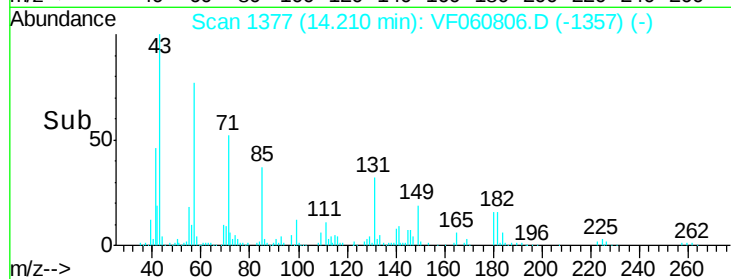
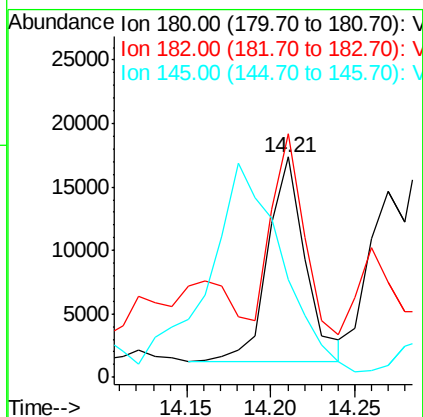
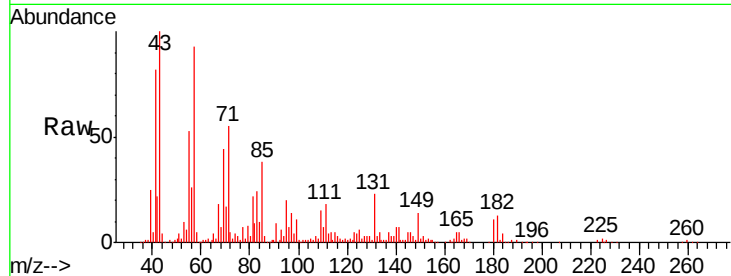




#93
 1,2,4-Trichlorobenzene
 Concen: 23.34 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

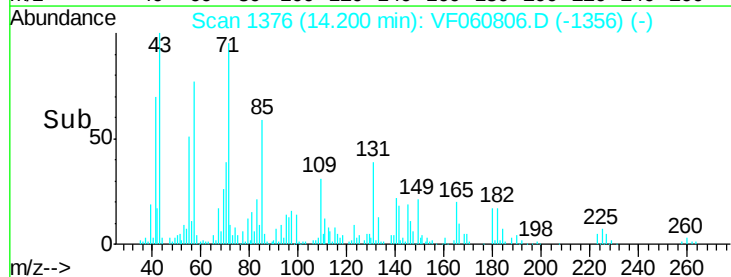
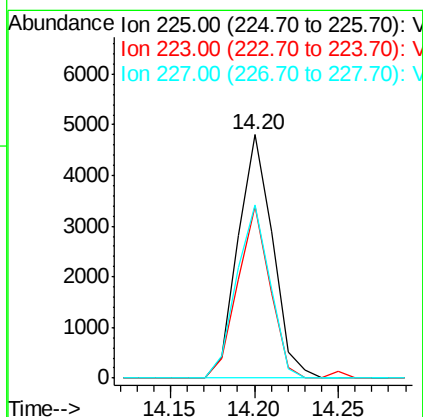
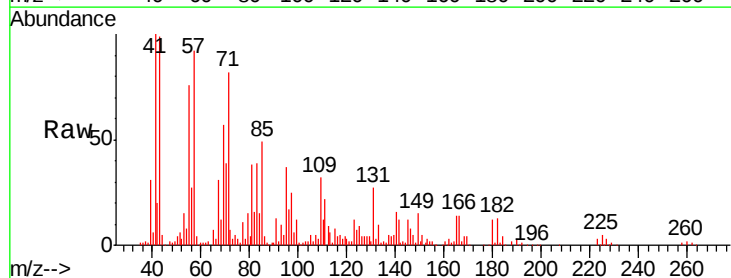
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

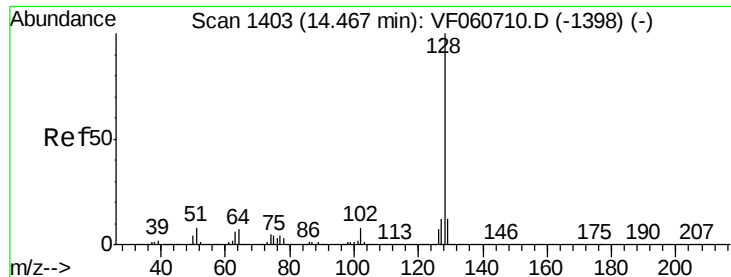
Tgt Ion:180 Resp: 24990
 Ion Ratio Lower Upper
 180 100
 182 110.4 50.3 151.0
 145 44.5 18.3 54.9



#94
 Hexachlorobutadiene
 Concen: 9.81 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VF060806.D
 Acq: 20 Nov 2018 16:18

Tgt Ion:225 Resp: 6864
 Ion Ratio Lower Upper
 225 100
 223 70.6 31.5 94.5
 227 71.1 33.0 99.0





#95

Naphthalene

Concen: 64.84 ug/l

RT: 14.47 min Scan# 1403

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

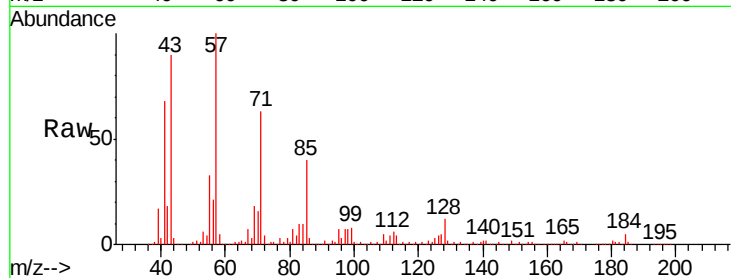
Tgt Ion:128 Resp: 126673

Ion Ratio Lower Upper

128 100

127 38.4 9.8 14.6#

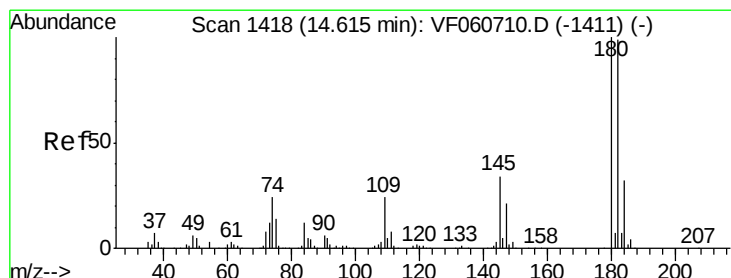
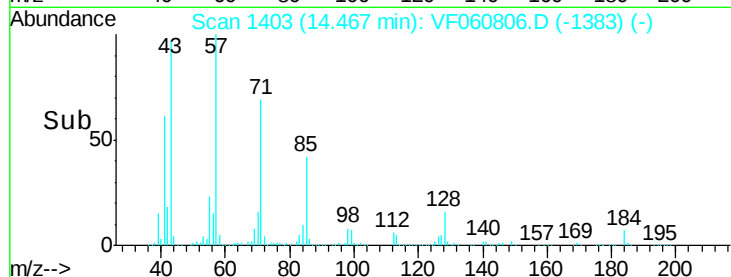
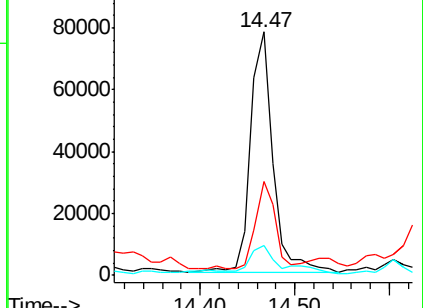
129 12.3 9.3 13.9



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.04 ug/l

RT: 14.61 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VF060806.D

Acq: 20 Nov 2018 16:18

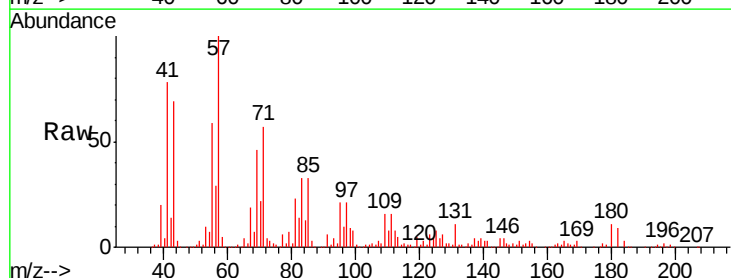
Tgt Ion:180 Resp: 15869

Ion Ratio Lower Upper

180 100

182 81.3 49.6 149.0

145 37.6 16.9 50.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

