

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060807.D
 Acq On : 20 Nov 2018 16:46
 Operator : VA/AP
 Sample : J5950-09MSD
 Misc : 6.54g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 21 02:57:23 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	4.88	168	169612	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	283503	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	262994	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	119835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	101786	52.61	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	4.12	113	103235	48.44	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	7.56	98	287720	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	11.42	95	127442	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	0.96	85	130635	43.04	ug/l	98
3) Chloromethane	1.10	50	84777	45.03	ug/l	98
4) Vinyl Chloride	1.15	62	78847	46.82	ug/l	99
5) Bromomethane	1.33	94	57276	53.54	ug/l	96
6) Chloroethane	1.38	64	37532	56.96	ug/l	95
7) Trichlorofluoromethane	1.50	101	187030m	50.22	ug/l	
8) Diethyl Ether	1.63	74	28947	60.67	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.83	101	87447	49.83	ug/l	95
10) Methyl Iodide	1.90	142	157393m	55.90	ug/l	
11) Tert butyl alcohol	2.57	59	35546	403.72	ug/l	98
12) 1,1-Dichloroethene	1.79	96	74717	54.00	ug/l	97
13) Acrolein	2.00	56	15913	197.66	ug/l	96
14) Allyl chloride	2.10	41	130901	54.00	ug/l	96
15) Acrylonitrile	2.95	53	66808	356.09	ug/l	95
16) Acetone	2.23	43	159492	385.70	ug/l	95
17) Carbon Disulfide	1.83	76	215770m	51.59	ug/l	
18) Methyl Acetate	2.35	43	55210m	81.31	ug/l	
19) Methyl tert-butyl Ether	2.43	73	207586	62.53	ug/l	100
20) Methylene Chloride	2.19	84	75236m	55.03	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	73384	50.76	ug/l	97
22) Diisopropyl ether	2.81	45	294278	62.88	ug/l	99
23) Vinyl Acetate	3.19	43	657602	298.38	ug/l	98
24) 1,1-Dichloroethane	2.88	63	167503	59.12	ug/l	99
25) 2-Butanone	4.34	43	222710	327.44	ug/l	100
26) 2,2-Dichloropropane	3.61	77	108744	48.77	ug/l	96
27) cis-1,2-Dichloroethene	3.48	96	136695	55.58	ug/l	98
28) Bromochloromethane	3.72	49	84131	57.13	ug/l	99
29) Tetrahydrofuran	4.08	42	92030	328.03	ug/l	97
30) Chloroform	3.86	83	223967	49.26	ug/l	99
31) Cyclohexane	3.70	56	143028	41.59	ug/l	98
32) 1,1,1-Trichloroethane	4.10	97	170325	47.58	ug/l	97
36) 1,1-Dichloropropene	4.29	75	167587	50.97	ug/l	99
37) Ethyl Acetate	4.12	43	83753	68.52	ug/l #	61
38) Carbon Tetrachloride	3.99	117	142980	44.82	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	135764	35.59	ug/l	98
40) Benzene	4.64	78	399215	54.47	ug/l	97
41) Methacrylonitrile	4.75	41	48131	76.11	ug/l	88
42) 1,2-Dichloroethane	4.95	62	149935	59.20	ug/l	98
43) Isopropyl Acetate	6.97	43	98264	60.63	ug/l #	100
44) Trichloroethene	5.51	130	120919	52.29	ug/l	99
45) 1,2-Dichloropropane	6.25	63	105472	55.30	ug/l	98
46) Dibromomethane	6.09	93	74649	59.29	ug/l	93
47) Bromodichloromethane	6.39	83	173544	53.98	ug/l	98
48) Methyl methacrylate	6.72	41	65579	61.14	ug/l	93
49) 1,4-Dioxane	6.71	88	14112	1406.74	ug/l	96
51) 4-Methyl-2-Pentanone	8.26	43	408495	348.49	ug/l	97
52) Toluene	7.63	92	244429	49.77	ug/l	91
53) t-1,3-Dichloropropene	8.29	75	135470	52.61	ug/l	92
54) cis-1,3-Dichloropropene	7.31	75	172757	51.65	ug/l	98
55) 1,1,2-Trichloroethane	8.50	97	76111	54.24	ug/l	98
56) Ethyl methacrylate	8.63	69	115963	72.76	ug/l	98
57) 1,3-Dichloropropane	8.86	76	136264	56.03	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.63	63	39520	271.45	ug/l	100
59) 2-Hexanone	9.50	43	284141	344.92	ug/l	98
60) Dibromochloromethane	8.73	129	110461	55.23	ug/l	98
61) 1,2-Dibromoethane	8.99	107	86605	58.68	ug/l	97
64) Tetrachloroethene	8.16	164	96252	46.22	ug/l	94
65) Chlorobenzene	9.81	112	264908	49.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.94	131	118323	51.12	ug/l	98
67) Ethyl Benzene	9.91	91	581100	58.09	ug/l	97
68) m/p-Xylenes	10.15	106	524806	146.80	ug/l	99
69) o-Xylene	10.72	106	281600	70.06	ug/l	100
70) Styrene	10.80	104	248670	45.59	ug/l	96
71) Bromoform	10.78	173	59120	56.80	ug/l	95
73) Isopropylbenzene	11.13	105	502844	52.13	ug/l	98
74) N-amyl acetate	11.38	43	163362	74.39	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.70	83	108317	67.92	ug/l	96
76) 1,2,3-Trichloropropane	11.80	75	82319	69.50	ug/l	96
77) Bromobenzene	11.51	156	111387	55.48	ug/l	92
78) n-propylbenzene	11.61	91	628438	55.86	ug/l	99
79) 2-Chlorotoluene	11.72	91	380331	58.17	ug/l	87
80) 1,3,5-Trimethylbenzene	11.83	105	931786	121.67	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.87	75	31321m	53.83	ug/l	
82) 4-Chlorotoluene	11.91	91	333279	49.76	ug/l	99
83) tert-Butylbenzene	12.14	119	381513	46.92	ug/l	97
84) 1,2,4-Trimethylbenzene	12.22	105	1564370	197.52	ug/l	98
85) sec-Butylbenzene	12.32	105	461264	41.82	ug/l	99
86) p-Isopropyltoluene	12.46	119	512372	55.62	ug/l	94
87) 1,3-Dichlorobenzene	12.48	146	190698	47.73	ug/l	99
88) 1,4-Dichlorobenzene	12.57	146	205836	53.60	ug/l	97
89) n-Butylbenzene	12.85	91	434627	46.23	ug/l #	77
90) Hexachloroethane	12.93	117	85345	37.88	ug/l	98
91) 1,2-Dichlorobenzene	12.95	146	202311	53.77	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.65	75	21231	70.83	ug/l	93

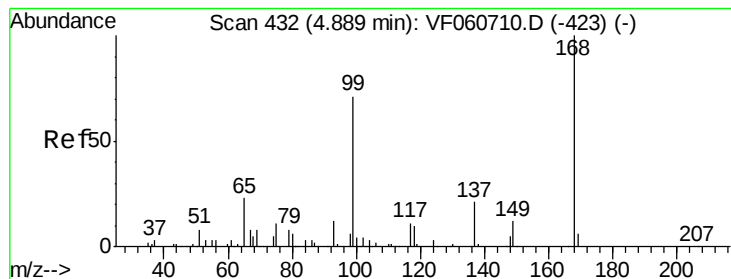
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	106855	39.52	ug/l	98
94) Hexachlorobutadiene	14.20	225	28745	16.27	ug/l	98
95) Naphthalene	14.47	128	728841	147.71	ug/l	98
96) 1,2,3-Trichlorobenzene	14.61	180	102244	40.92	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

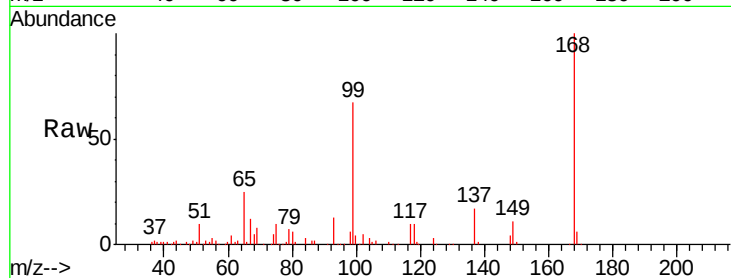
SSI-21-TW-2MSD

Tgt Ion:168 Resp: 169612

Ion Ratio Lower Upper

168 100

99 67.1 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

50000

40000

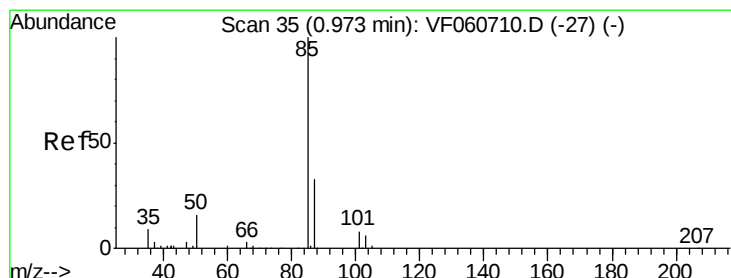
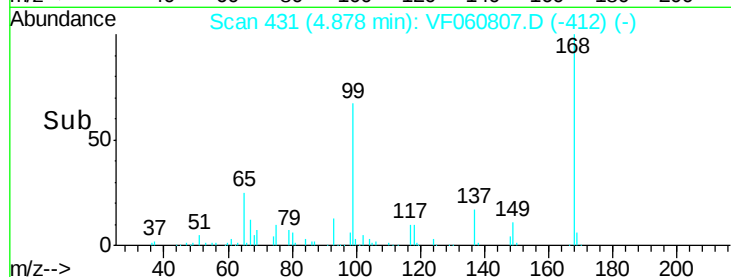
30000

20000

10000

0

Time--> 4.70 4.80 4.90 5.00



#2

Dichlorodifluoromethane

Concen: 43.04 ug/l

RT: 0.96 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF060807.D

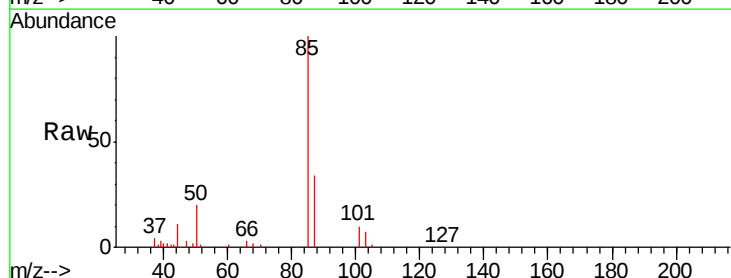
Acq: 20 Nov 2018 16:46

Tgt Ion: 85 Resp: 130635

Ion Ratio Lower Upper

85 100

87 33.9 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.96

40000

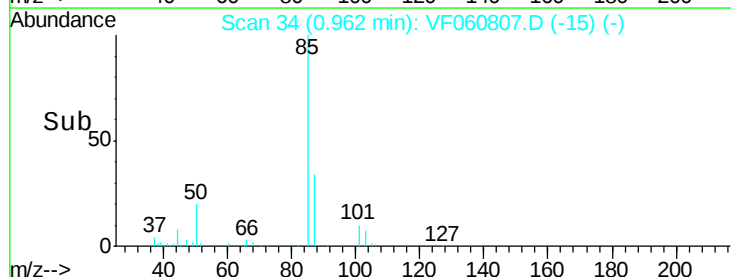
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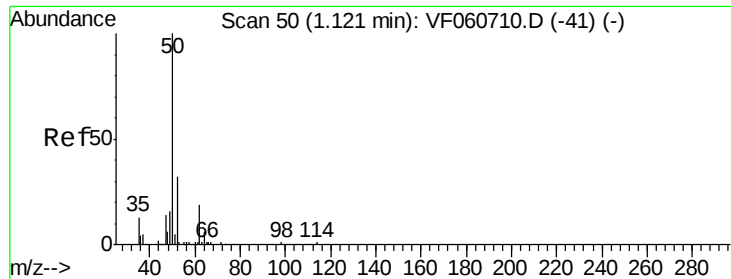
20000

10000

0

Time--> 0.80 0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 45.03 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.02 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

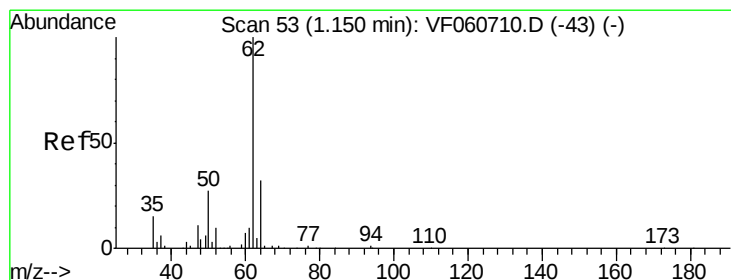
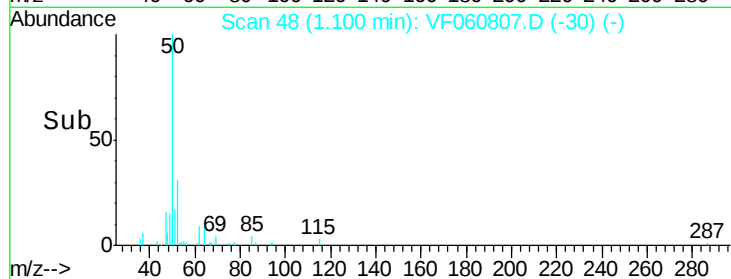
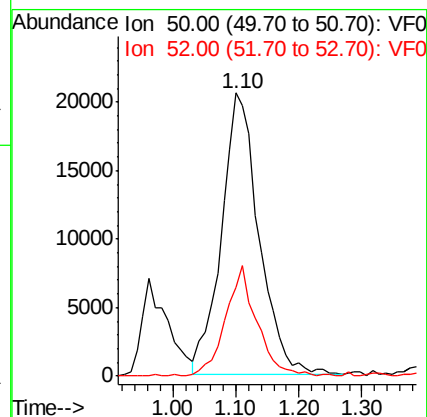
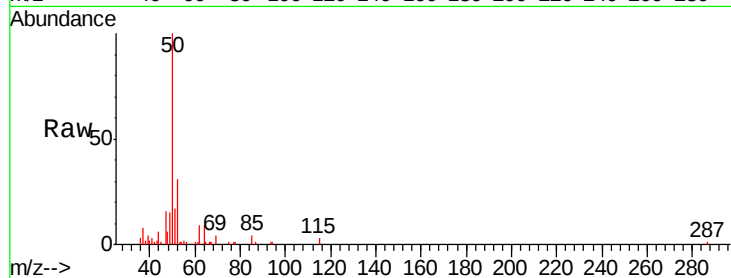
SSI-21-TW-2MSD

Tgt Ion: 50 Resp: 84777

Ion Ratio Lower Upper

50 100

52 31.4 24.2 36.2



#4

Vinyl Chloride

Concen: 46.82 ug/l

RT: 1.15 min Scan# 53

Delta R.T. -0.00 min

Lab File: VF060807.D

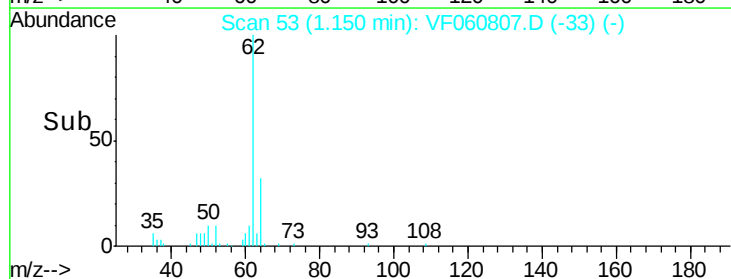
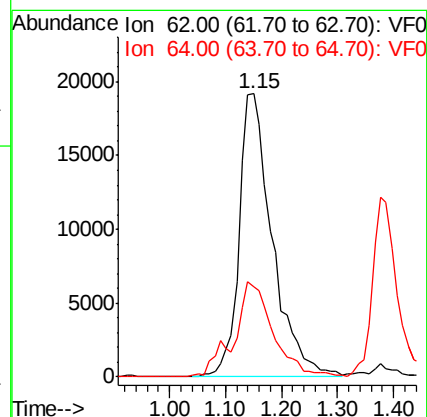
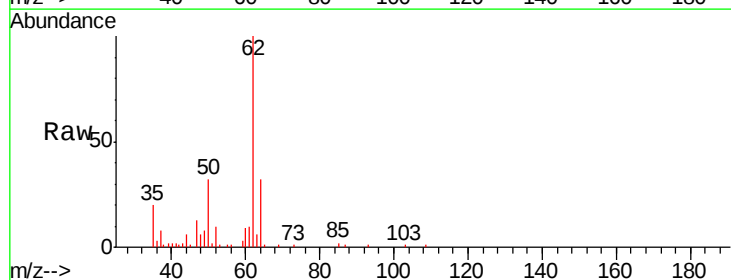
Acq: 20 Nov 2018 16:46

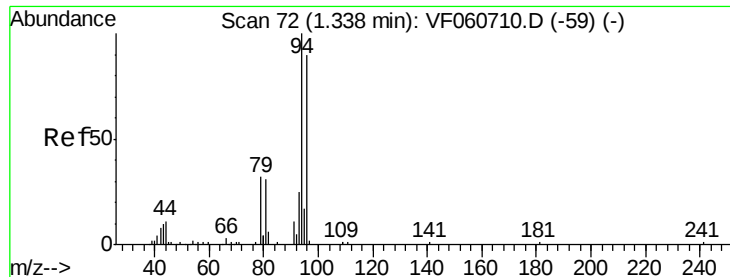
Tgt Ion: 62 Resp: 78847

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 53.54 ug/l

RT: 1.33 min Scan# 71

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

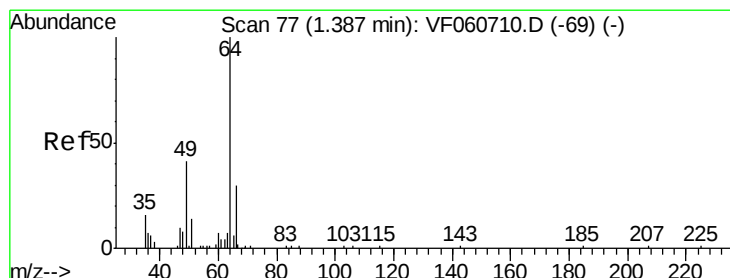
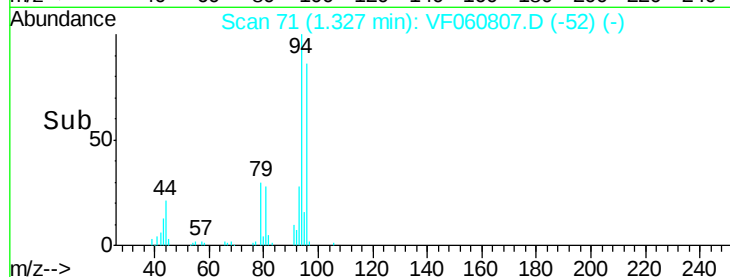
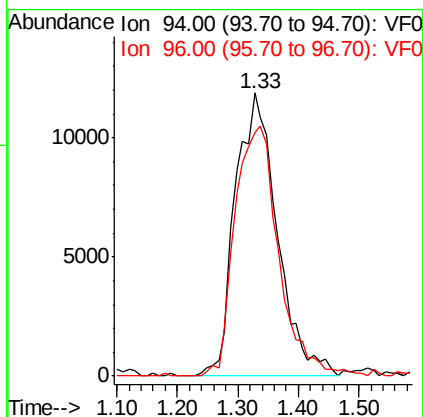
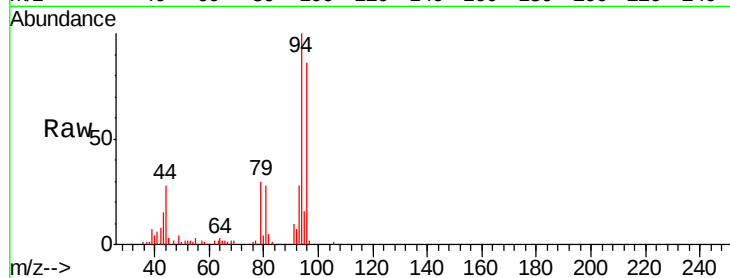
SSI-21-TW-2MSD

Tgt Ion: 94 Resp: 57276

Ion Ratio Lower Upper

94 100

96 86.3 71.9 107.9



#6

Chloroethane

Concen: 56.96 ug/l

RT: 1.38 min Scan# 76

Delta R.T. -0.01 min

Lab File: VF060807.D

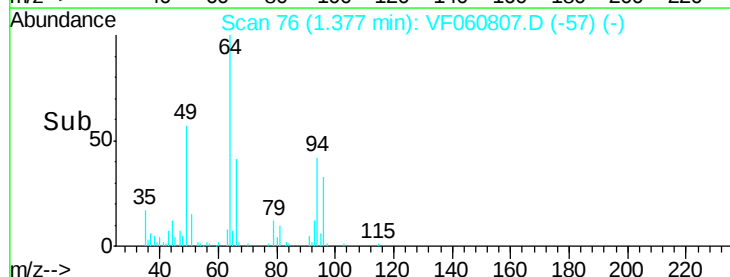
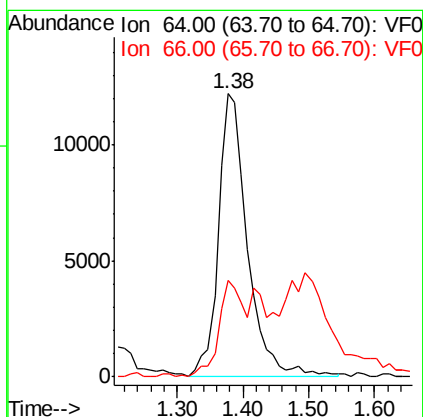
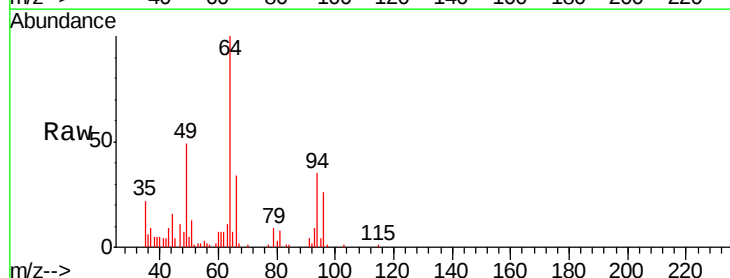
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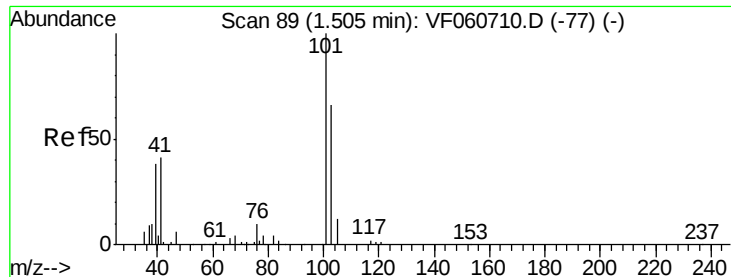
Tgt Ion: 64 Resp: 37532

Ion Ratio Lower Upper

64 100

66 33.9 24.8 37.2



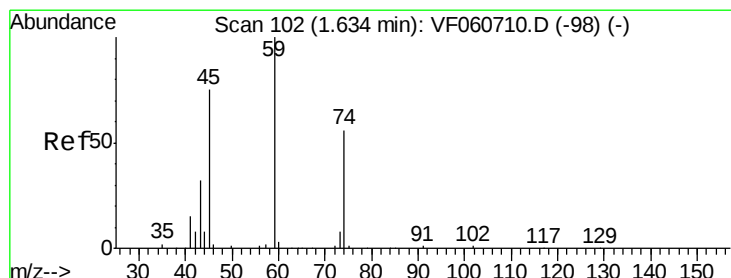
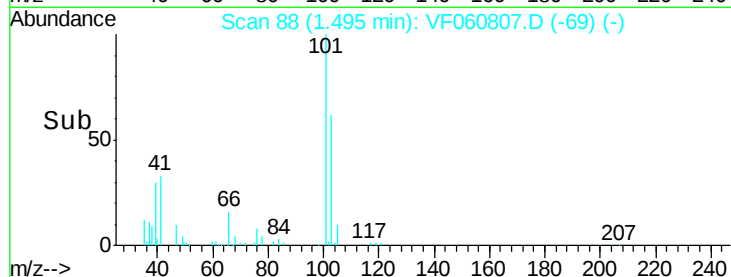
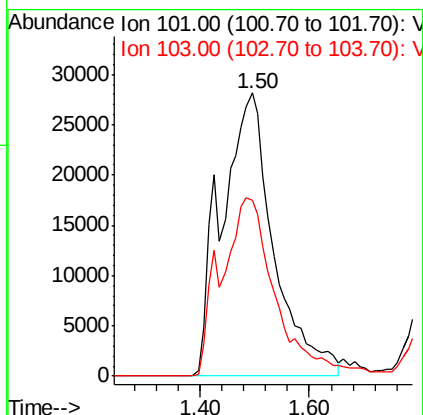
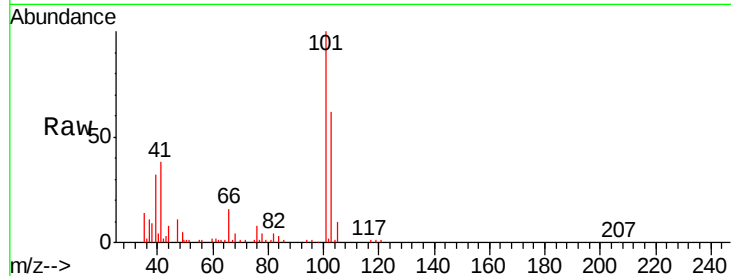


#7

Trichlorofluoromethane
 Concen: 50.22 ug/l m
 RT: 1.50 min Scan# 88
 Delta R.T. -0.01 min
 Lab File: VF060807.D
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Instrument :
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 SSI-21-TW-2MSD

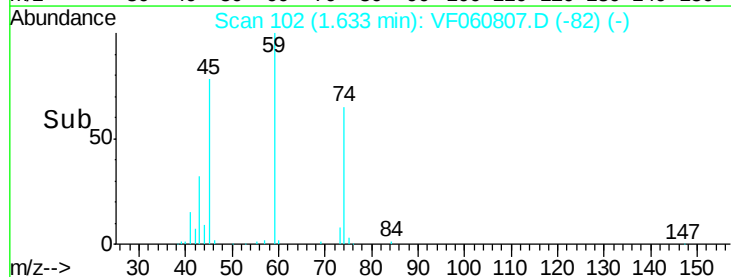
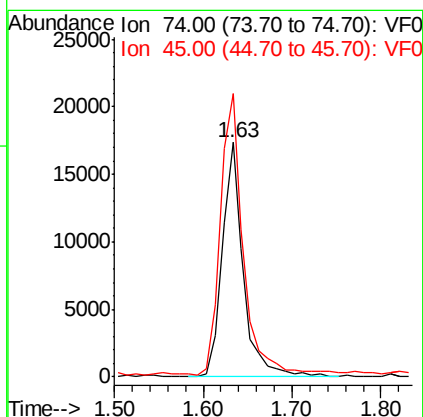
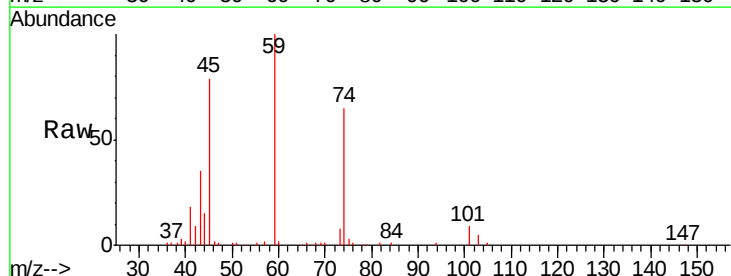
Tgt Ion: 101 Resp: 187030
 Ion Ratio Lower Upper
 101 100
 103 61.9 53.1 79.7

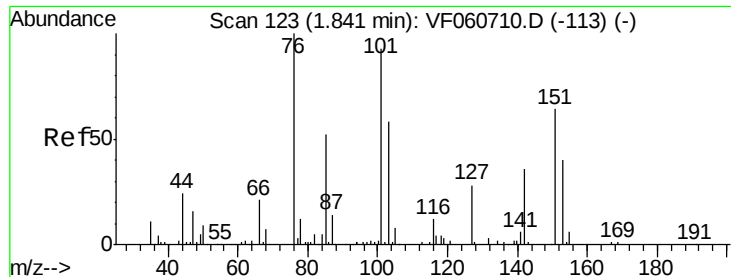


#8

Diethyl Ether
 Concen: 60.67 ug/l
 RT: 1.63 min Scan# 102
 Delta R.T. -0.00 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

Tgt Ion: 74 Resp: 28947
 Ion Ratio Lower Upper
 74 100
 45 120.9 67.7 203.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.83 ug/l

RT: 1.83 min Scan# 122

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

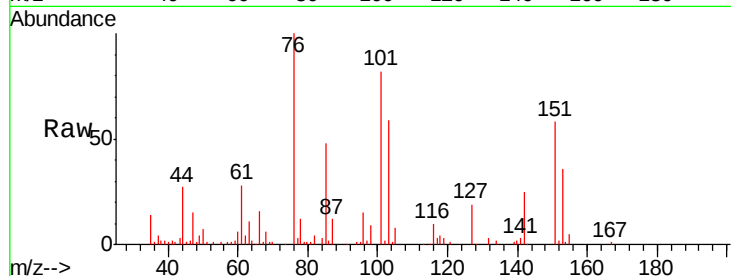
Tgt Ion:101 Resp: 87447

Ion Ratio Lower Upper

101 100

85 57.9 43.6 65.4

151 70.6 53.1 79.7

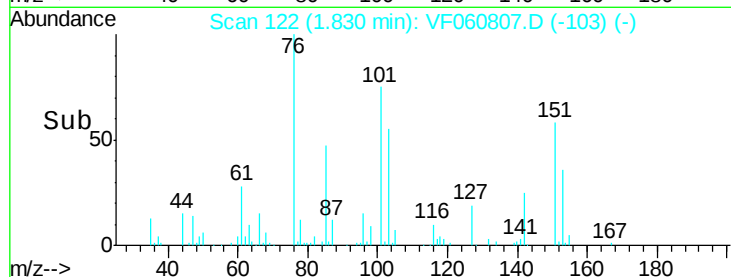


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

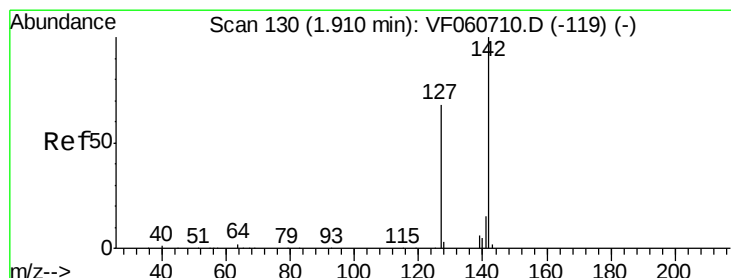
Ion 151.00 (150.70 to 151.70): V

Time-->



1.83

Time-->



#10

Methyl Iodide

Concen: 55.90 ug/l m

RT: 1.90 min Scan# 129

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

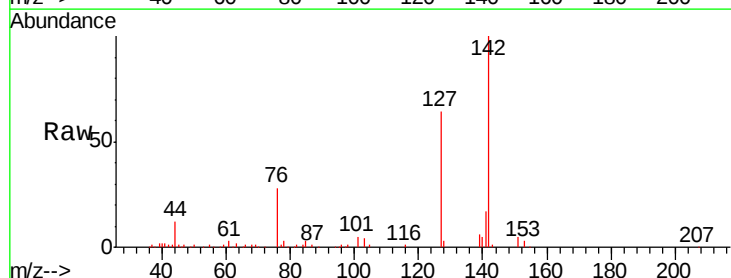
Tgt Ion:142 Resp: 157393

Ion Ratio Lower Upper

142 100

127 64.2 54.0 81.0

141 17.5 12.3 18.5

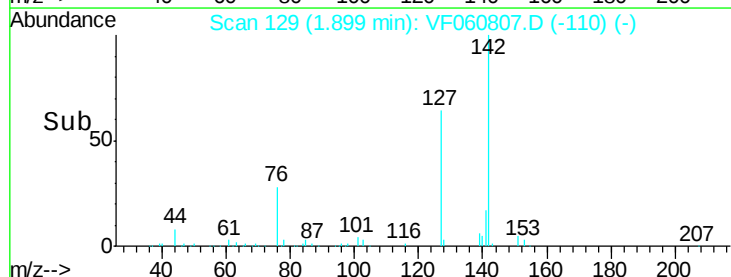


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

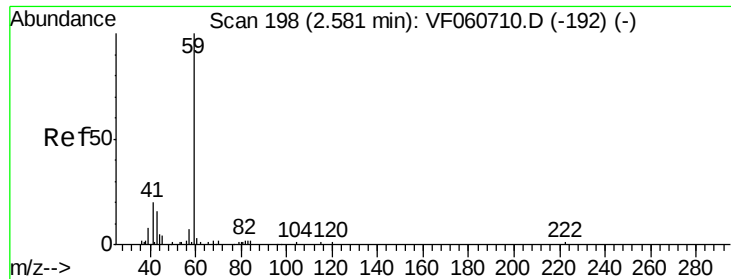
Ion 141.00 (140.70 to 141.70): V

Time-->



1.90

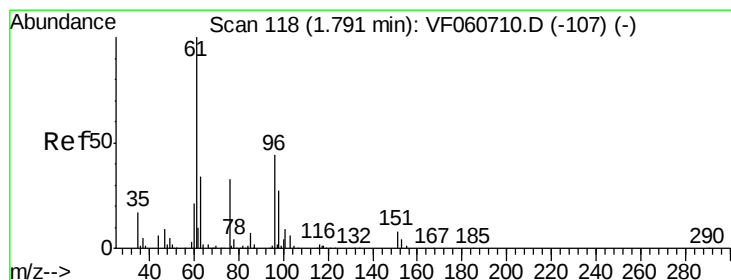
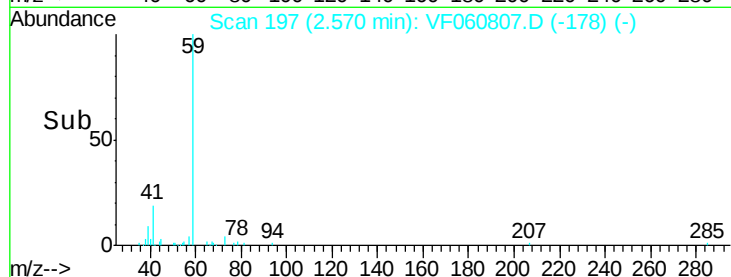
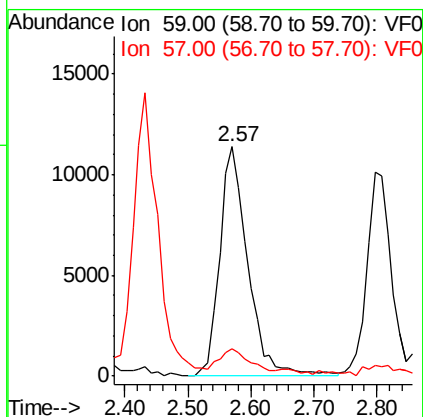
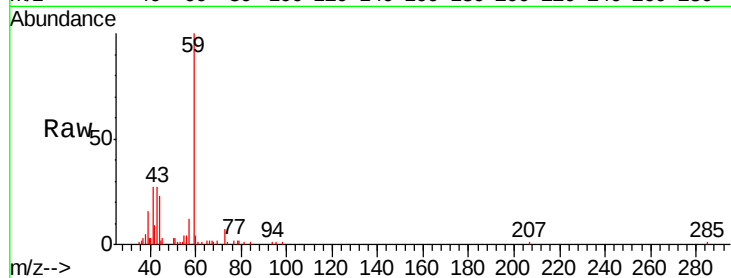
Time-->



#11
Tert butyl alcohol
Concen: 403.72 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

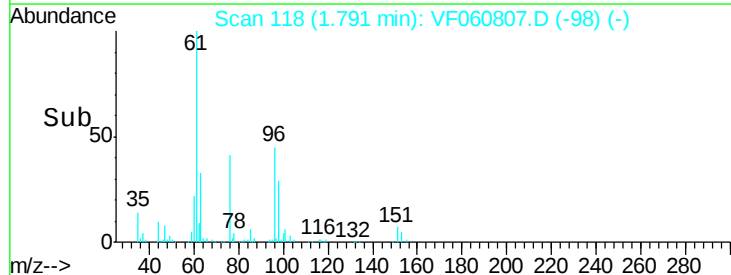
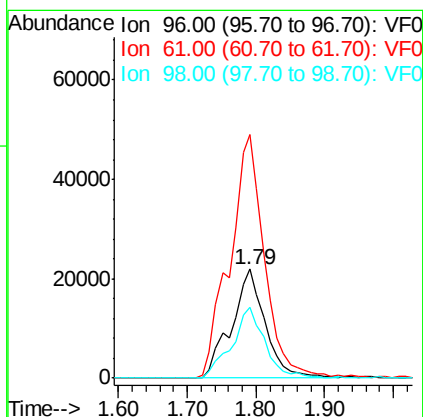
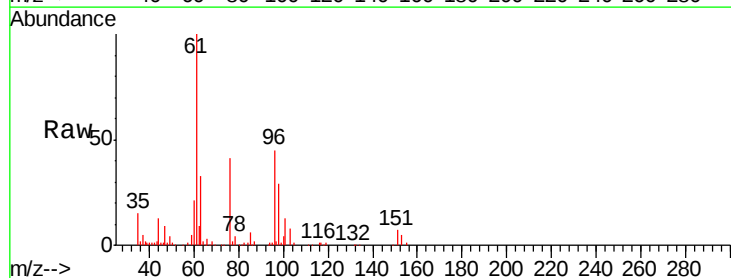
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MSD

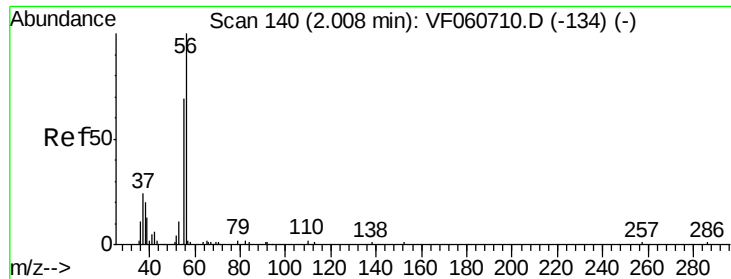
Tgt Ion: 59 Resp: 35546
Ion Ratio Lower Upper
59 100
57 12.2 10.5 15.7



#12
1,1-Dichloroethene
Concen: 54.00 ug/l
RT: 1.79 min Scan# 118
Delta R.T. -0.00 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion: 96 Resp: 74717
Ion Ratio Lower Upper
96 100
61 223.9 182.2 273.2
98 65.6 49.2 73.8





#13

Acrolein

Concen: 197.66 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

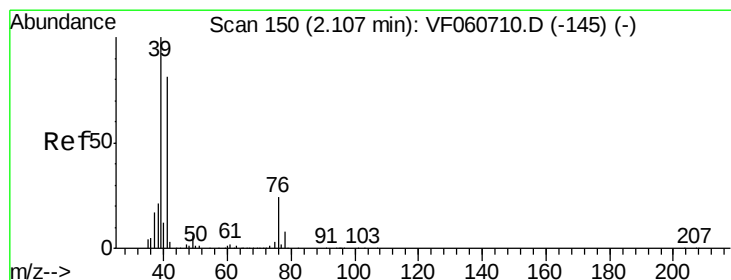
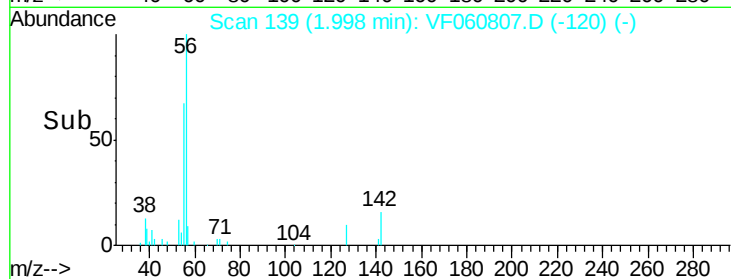
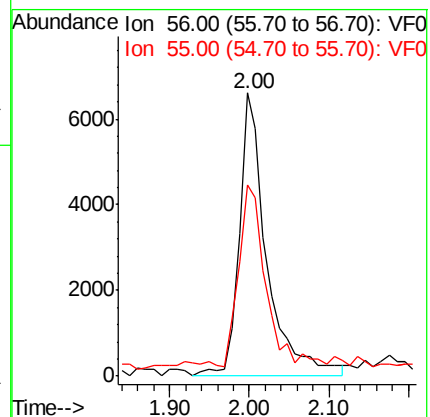
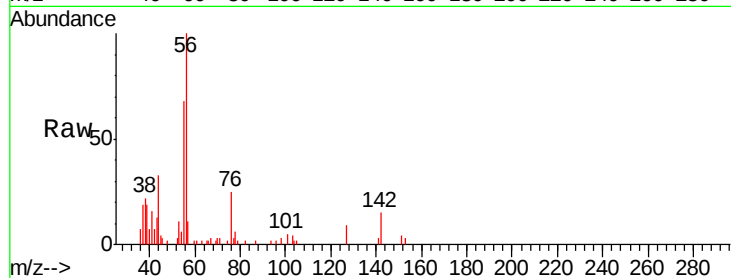
SSI-21-TW-2MSD

Tgt Ion: 56 Resp: 15913

Ion Ratio Lower Upper

56 100

55 67.7 56.6 85.0



#14

Allyl chloride

Concen: 54.00 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

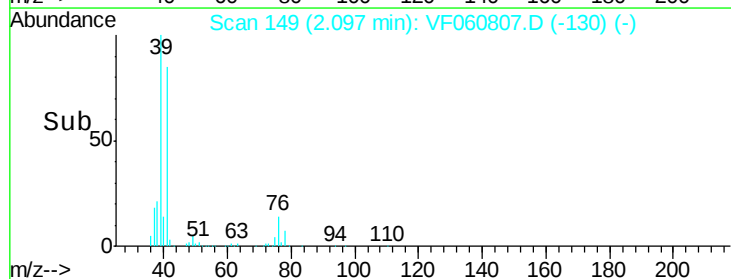
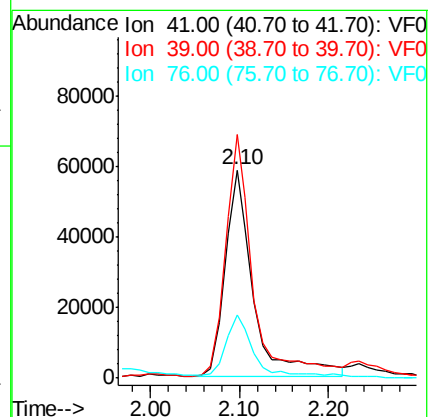
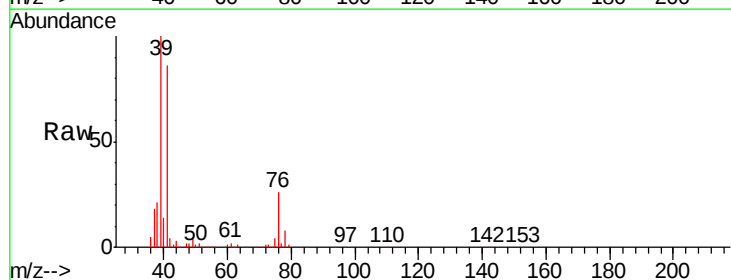
Tgt Ion: 41 Resp: 130901

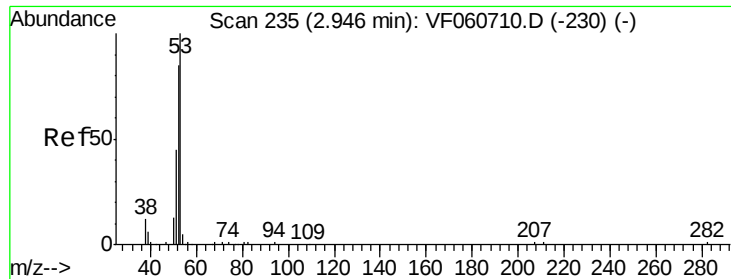
Ion Ratio Lower Upper

41 100

39 116.9 98.5 147.7

76 30.4 24.5 36.7





#15

Acrylonitrile

Concen: 356.09 ug/l

RT: 2.95 min Scan# 235

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

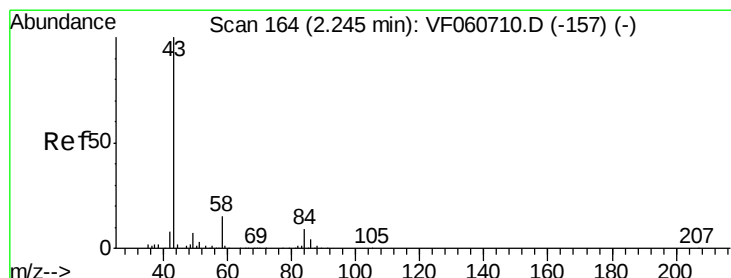
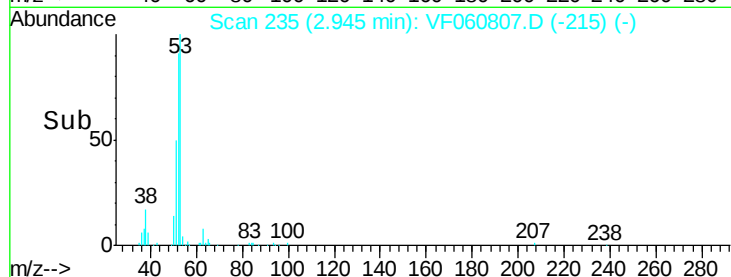
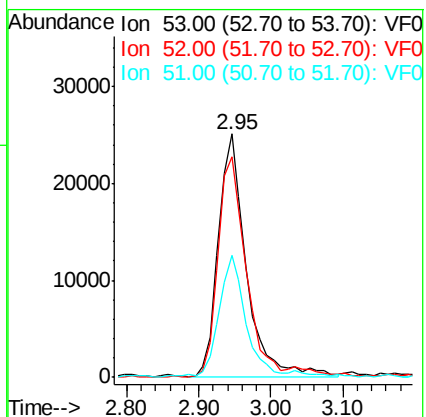
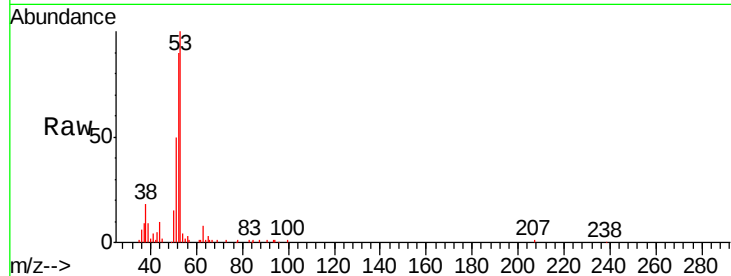
Tgt Ion: 53 Resp: 66808

Ion Ratio Lower Upper

53 100

52 90.5 68.8 103.2

51 49.9 36.7 55.1



#16

Acetone

Concen: 385.70 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF060807.D

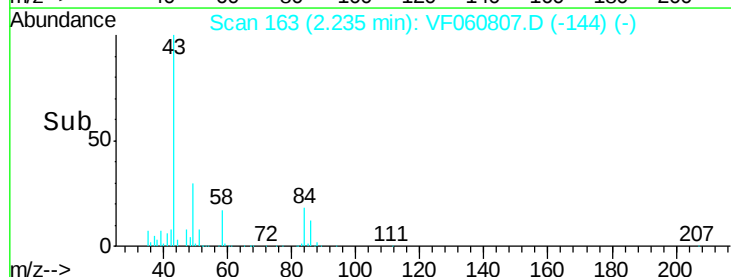
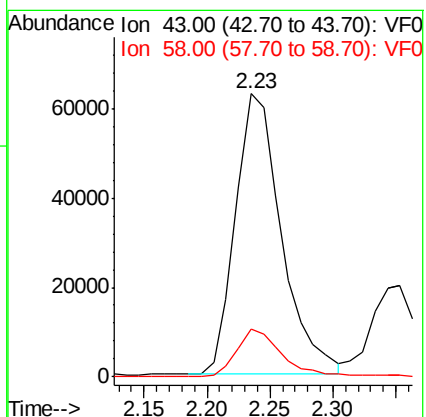
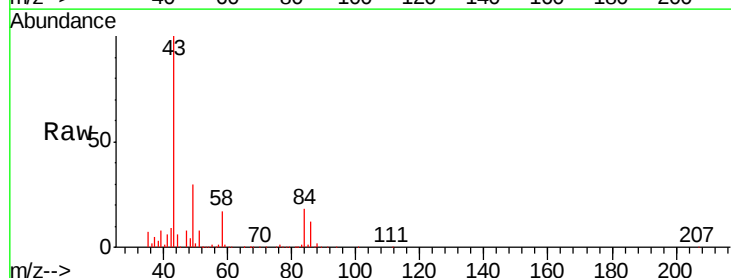
Acq: 20 Nov 2018 16:46

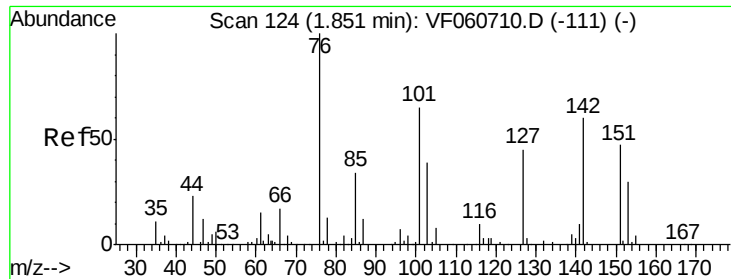
Tgt Ion: 43 Resp: 159492

Ion Ratio Lower Upper

43 100

58 16.7 11.6 17.4

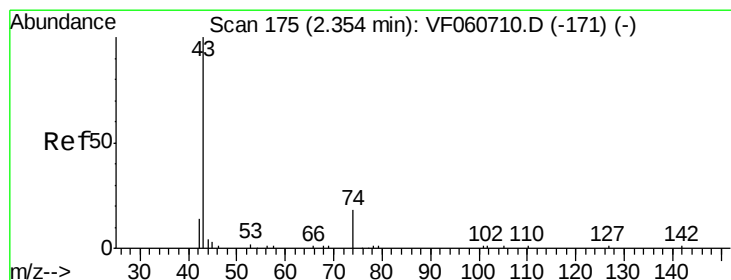
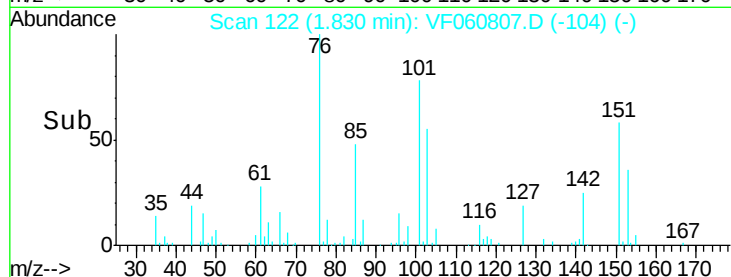
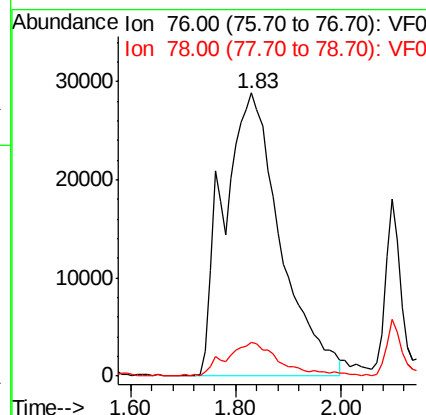
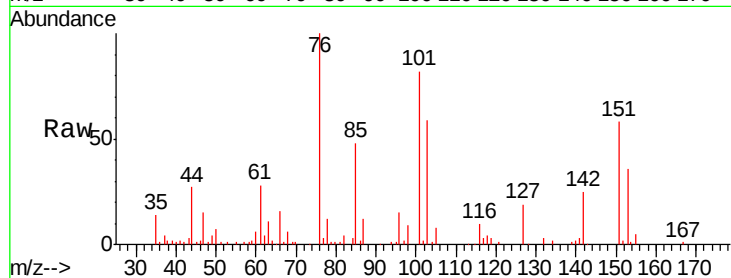




#17
Carbon Disulfide
Concen: 51.59 ug/l m
RT: 1.83 min Scan# 122
Delta R.T. -0.02 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

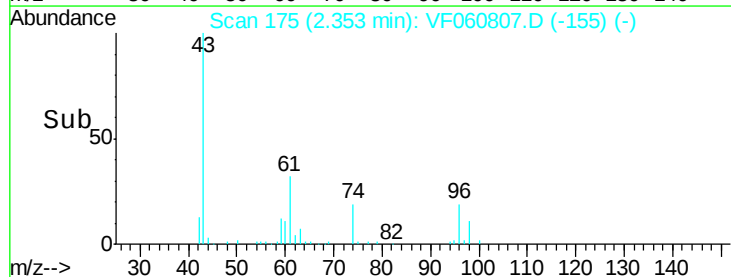
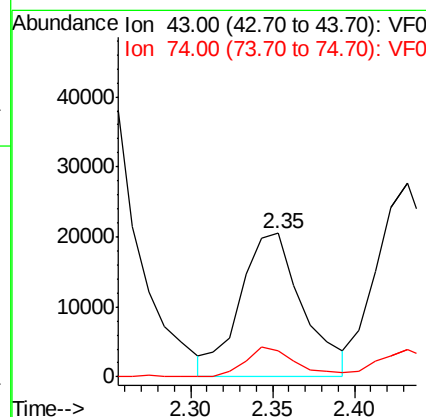
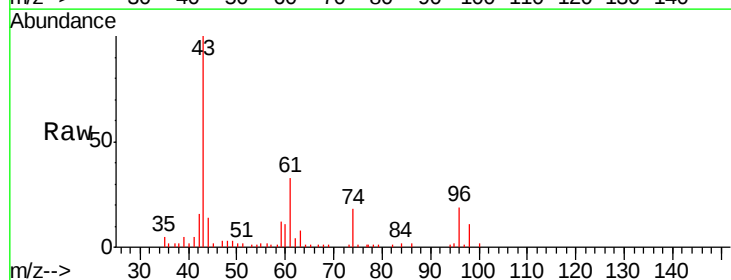
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MSD

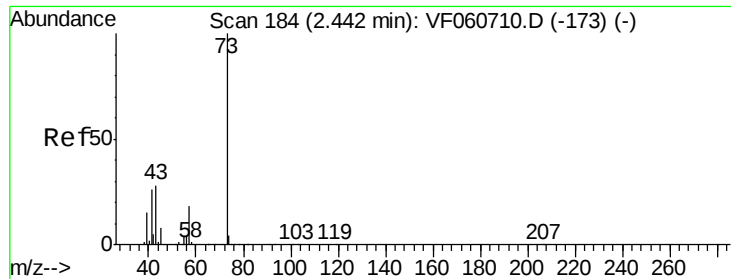
Tgt Ion: 76 Resp: 215770
Ion Ratio Lower Upper
76 100
78 12.0 10.5 15.7



#18
Methyl Acetate
Concen: 81.31 ug/l m
RT: 2.35 min Scan# 175
Delta R.T. -0.00 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion: 43 Resp: 55210
Ion Ratio Lower Upper
43 100
74 18.4 11.8 17.8#

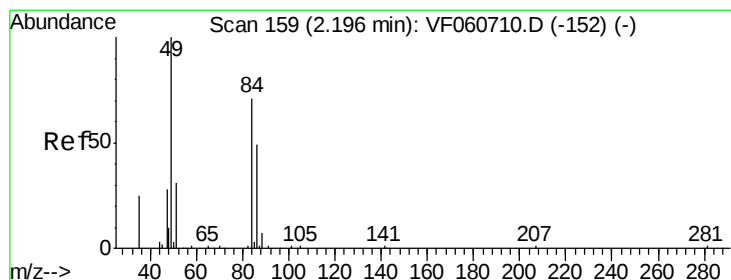
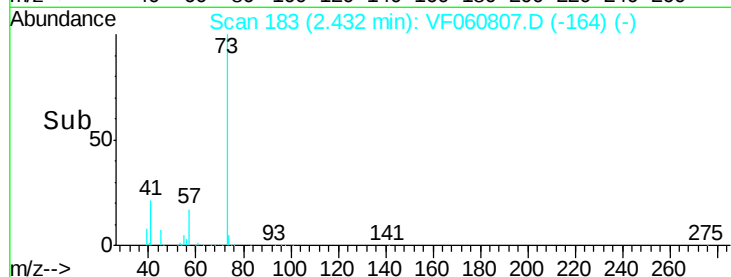
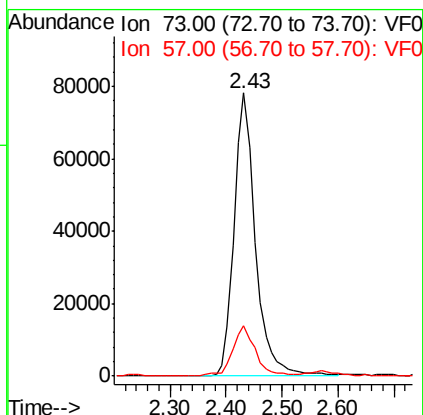
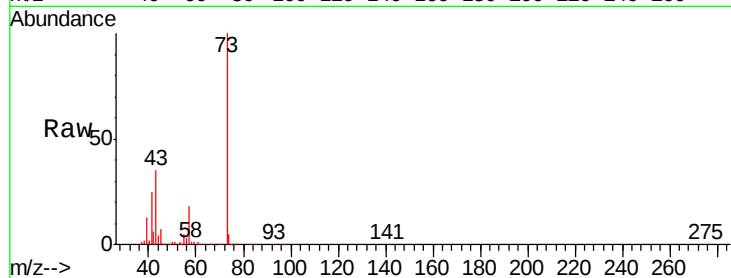




#19
Methyl tert-butyl Ether
Concen: 62.53 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

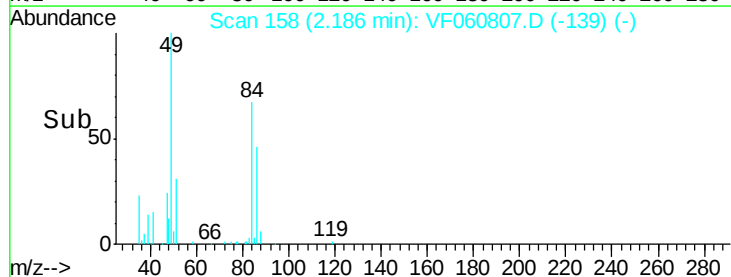
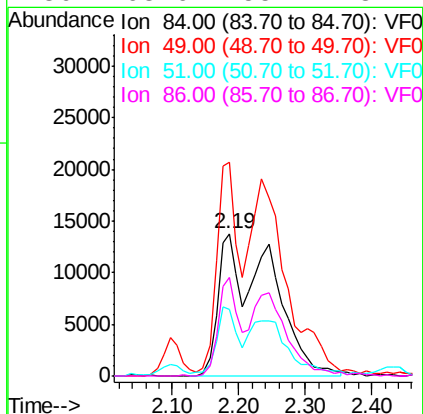
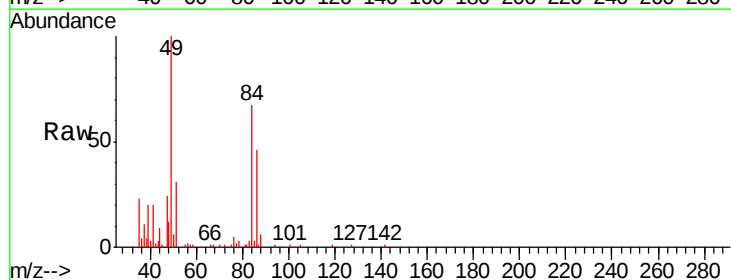
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MSD

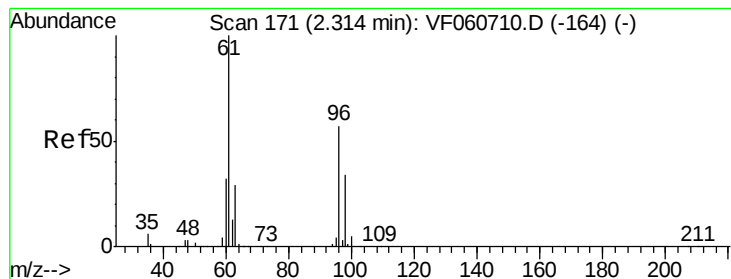
Tgt Ion: 73 Resp: 207586
Ion Ratio Lower Upper
73 100
57 18.0 14.3 21.5



#20
Methylene Chloride
Concen: 55.03 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion: 84 Resp: 75236
Ion Ratio Lower Upper
84 100
49 149.7 120.2 180.4
51 46.9 37.2 55.8
86 68.6 55.1 82.7





#21

trans-1,2-Dichloroethene

Concen: 50.76 ug/l

RT: 2.31 min Scan# 171

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

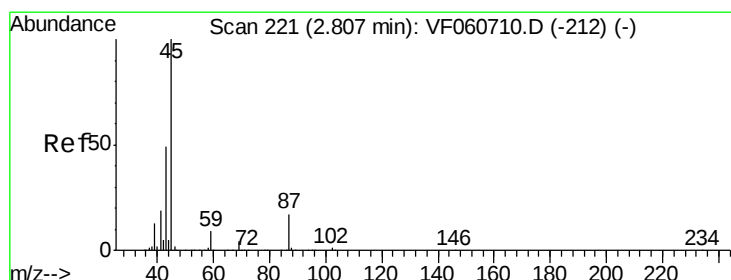
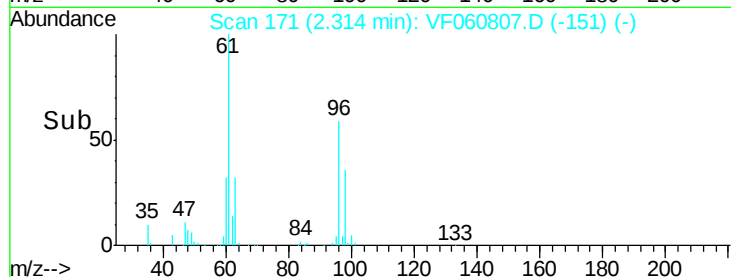
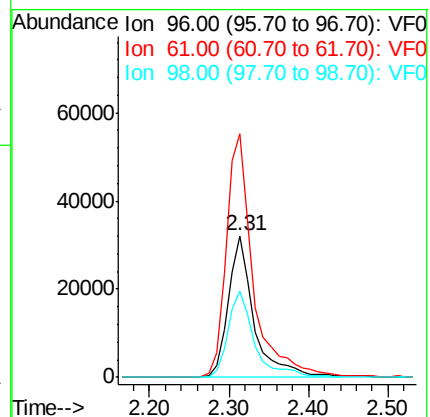
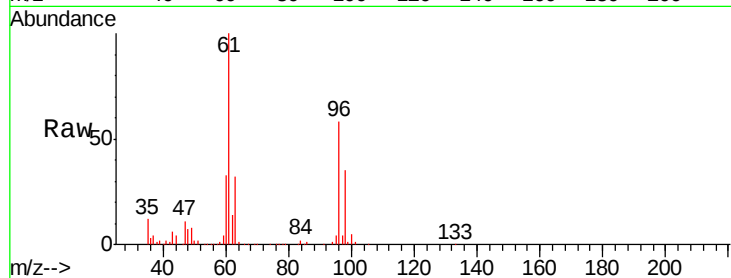
Tgt Ion: 96 Resp: 73384

Ion Ratio Lower Upper

96 100

61 172.0 141.6 212.4

98 60.7 47.4 71.0



#22

Diisopropyl ether

Concen: 62.88 ug/l

RT: 2.81 min Scan# 221

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Tgt Ion: 45 Resp: 294278

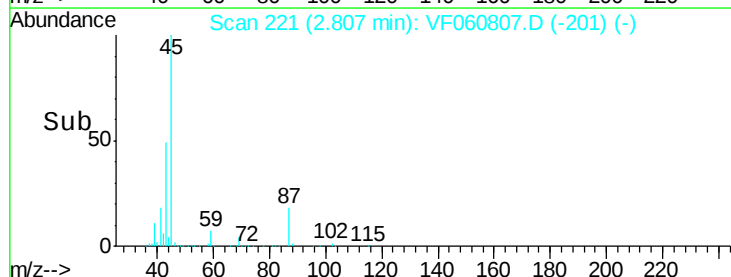
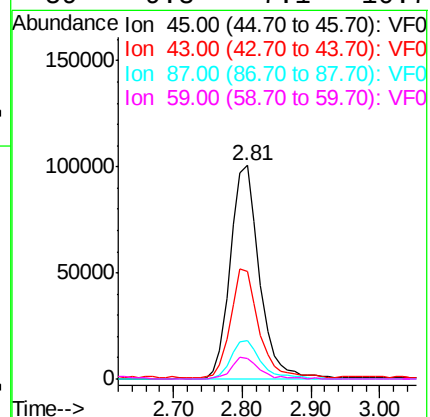
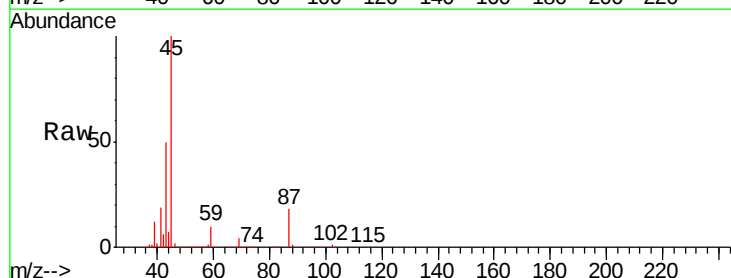
Ion Ratio Lower Upper

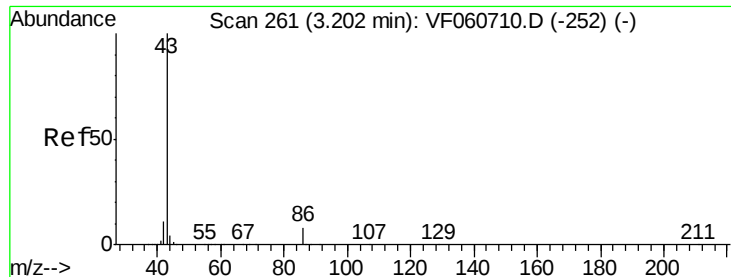
45 100

43 50.2 39.9 59.9

87 18.3 13.9 20.9

59 9.8 7.1 10.7





#23

Vinyl Acetate

Concen: 298.38 ug/l

RT: 3.19 min Scan# 260

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

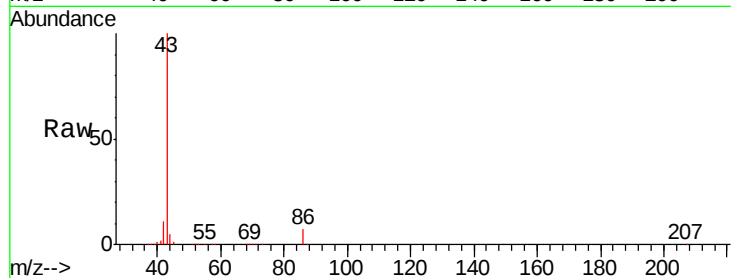
SSI-21-TW-2MSD

Tgt Ion: 43 Resp: 657602

Ion Ratio Lower Upper

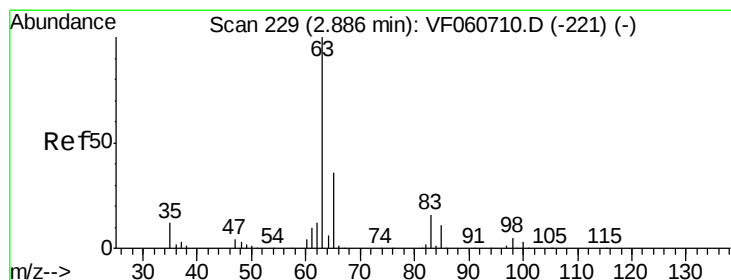
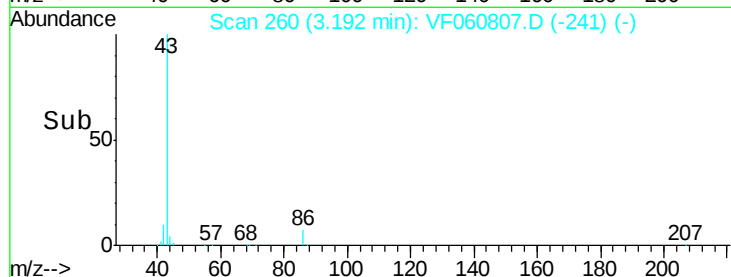
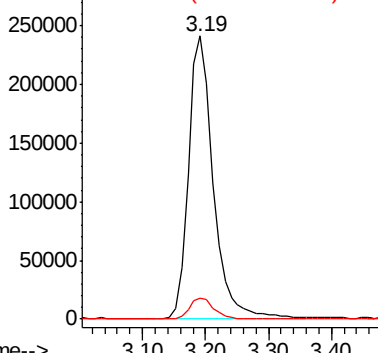
43 100

86 7.4 6.4 9.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 59.12 ug/l

RT: 2.88 min Scan# 228

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

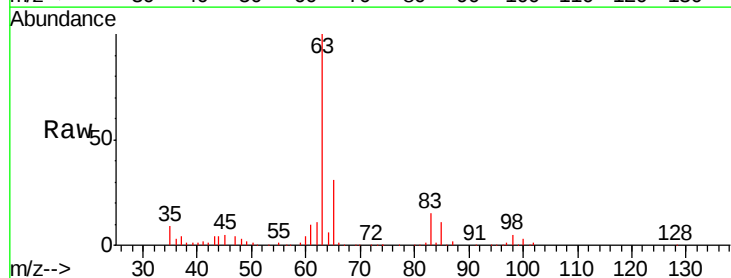
Tgt Ion: 63 Resp: 167503

Ion Ratio Lower Upper

63 100

98 4.5 2.4 7.1

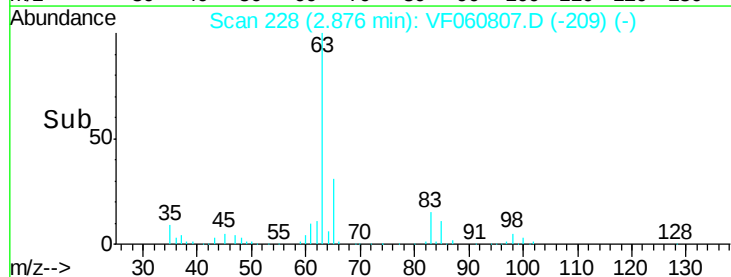
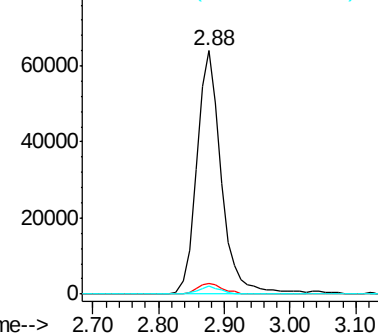
100 3.1 1.4 4.2

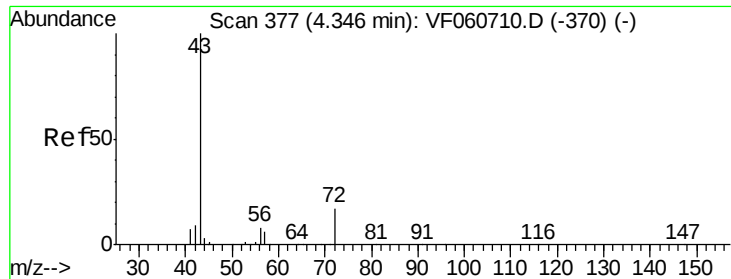


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 327.44 ug/l

RT: 4.34 min Scan# 376

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

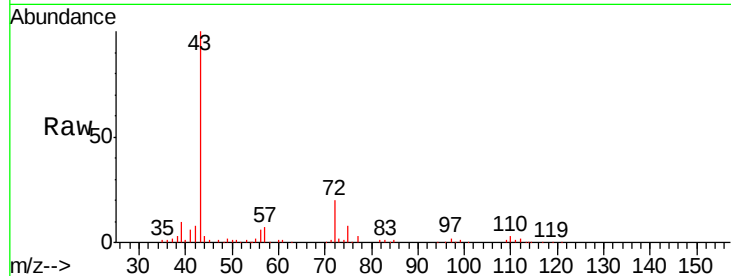
SSI-21-TW-2MSD

Tgt Ion: 43 Resp: 222710

Ion Ratio Lower Upper

43 100

72 20.1 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.34

60000

50000

40000

30000

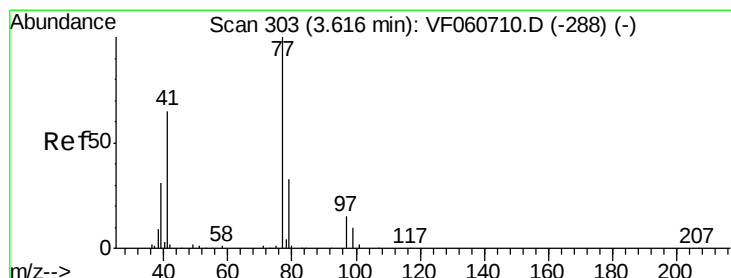
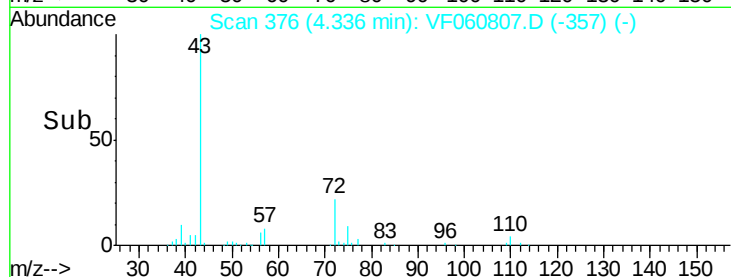
20000

10000

0

4.20 4.30 4.40 4.50

Time-->



#26

2,2-Dichloropropane

Concen: 48.77 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.01 min

Lab File: VF060807.D

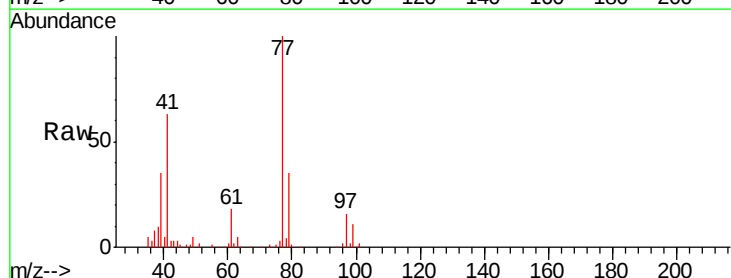
Acq: 20 Nov 2018 16:46

Tgt Ion: 77 Resp: 108744

Ion Ratio Lower Upper

77 100

97 16.0 8.8 26.5



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.61

30000

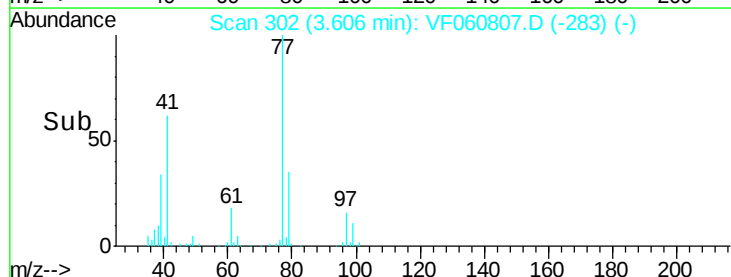
20000

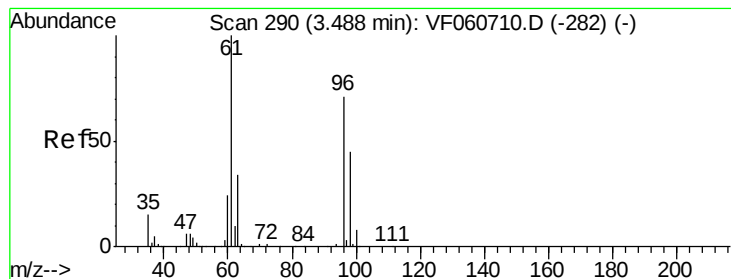
10000

0

3.40 3.50 3.60 3.70 3.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 55.58 ug/l

RT: 3.48 min Scan# 289

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

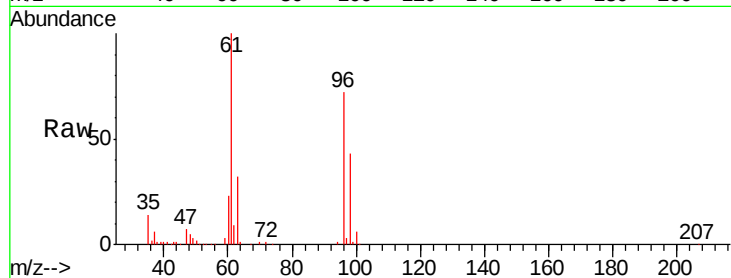
Tgt Ion: 96 Resp: 136695

Ion Ratio Lower Upper

96 100

61 139.2 0.0 280.6

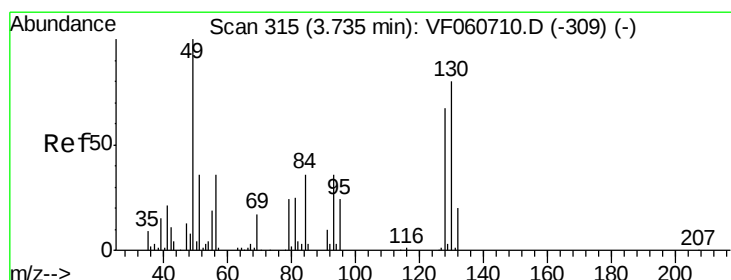
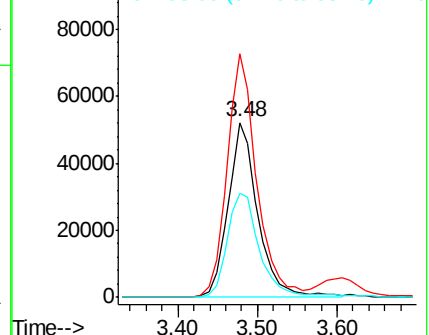
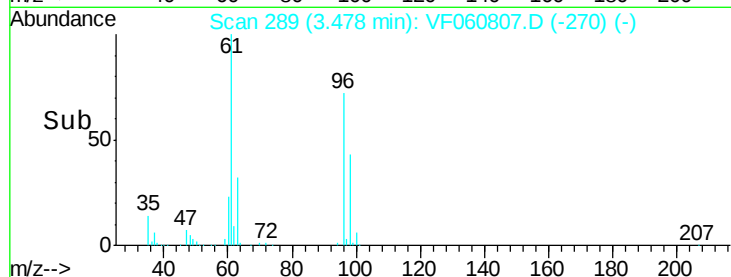
98 59.5 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane

Concen: 57.13 ug/l

RT: 3.72 min Scan# 314

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

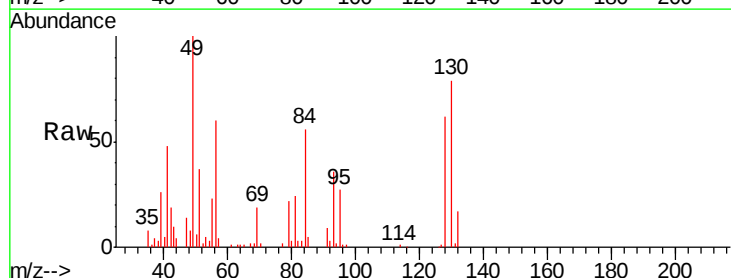
Tgt Ion: 49 Resp: 84131

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.2

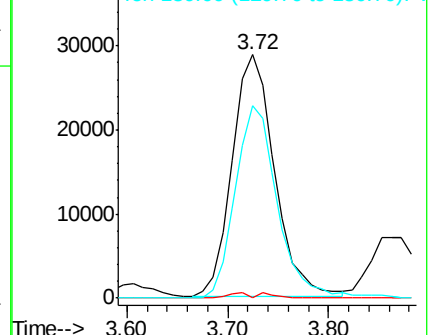
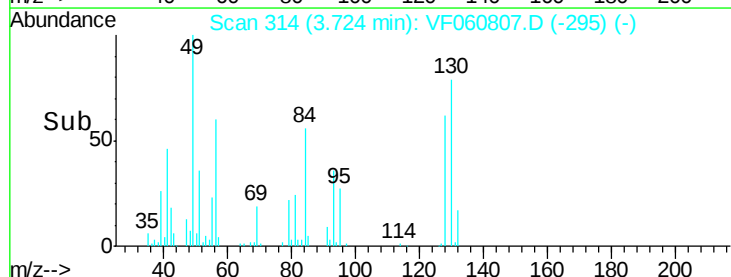
130 79.1 63.9 95.9

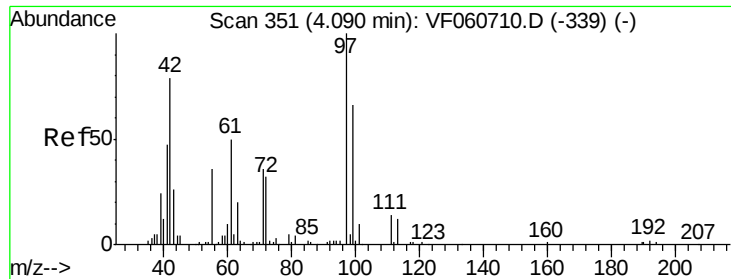


Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 328.03 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

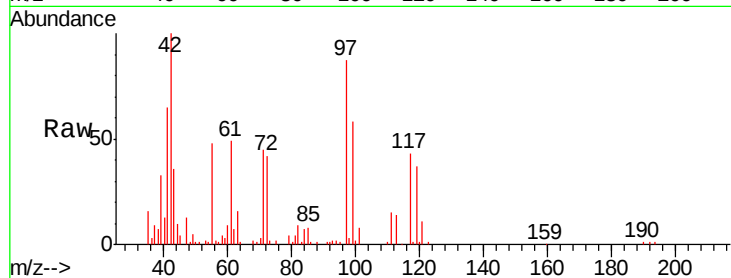
Tgt Ion: 42 Resp: 92030

Ion Ratio Lower Upper

42 100

72 39.5 30.3 45.5

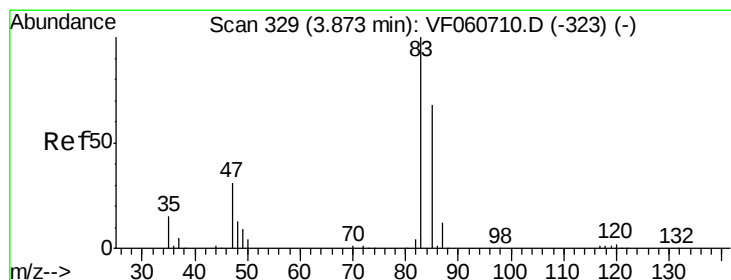
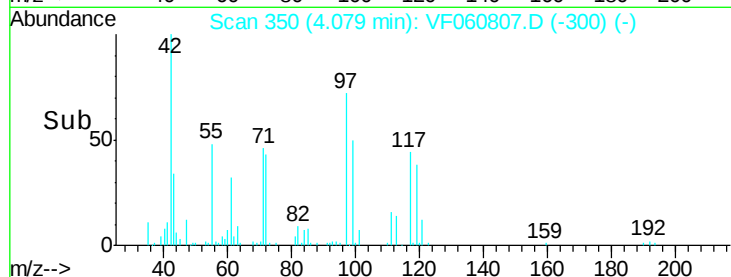
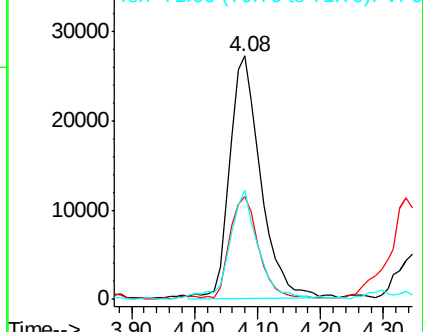
71 42.5 32.2 48.2



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: 49.26 ug/l

RT: 3.86 min Scan# 328

Delta R.T. -0.01 min

Lab File: VF060807.D

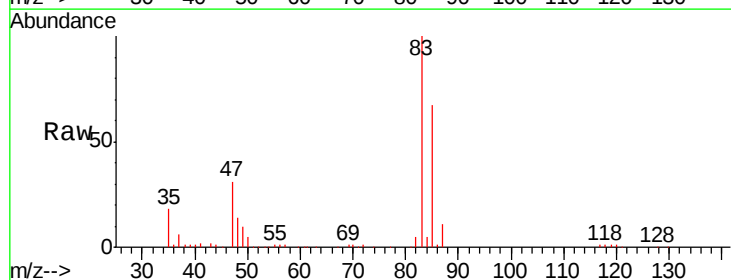
Acq: 20 Nov 2018 16:46

Tgt Ion: 83 Resp: 223967

Ion Ratio Lower Upper

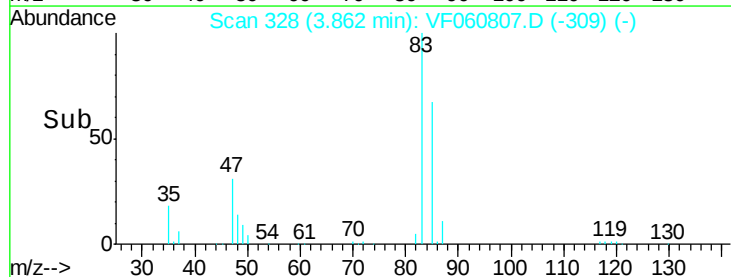
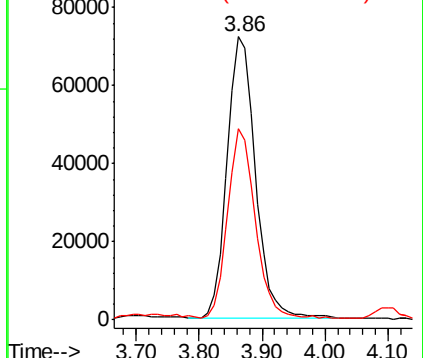
83 100

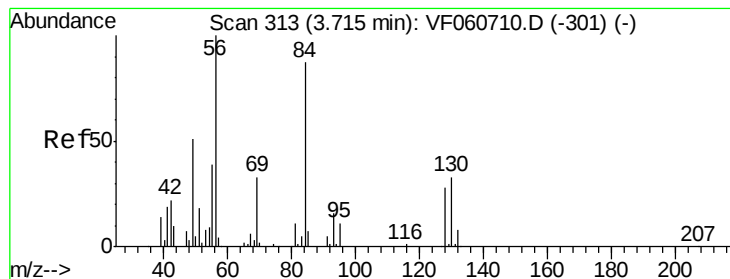
85 67.5 54.6 82.0



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0





#31

Cyclohexane

Concen: 41.59 ug/l

RT: 3.70 min Scan# 312

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

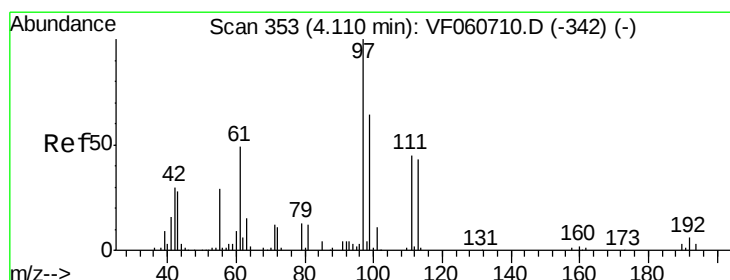
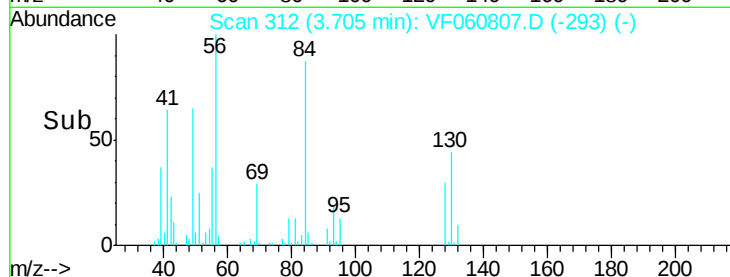
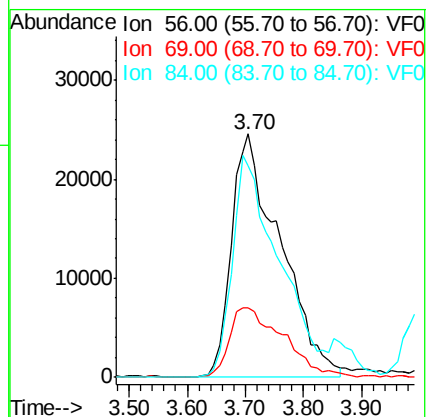
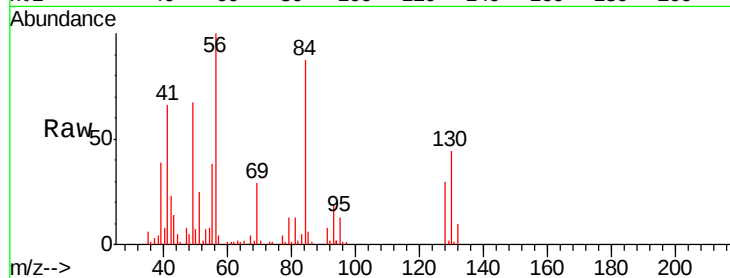
Tgt Ion: 56 Resp: 143028

Ion Ratio Lower Upper

56 100

69 28.7 26.0 39.0

84 87.1 69.4 104.2



#32

1,1,1-Trichloroethane

Concen: 47.58 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

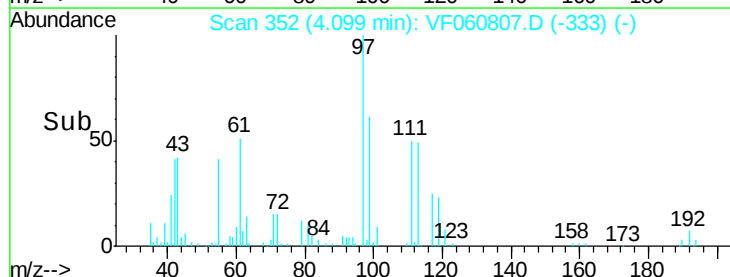
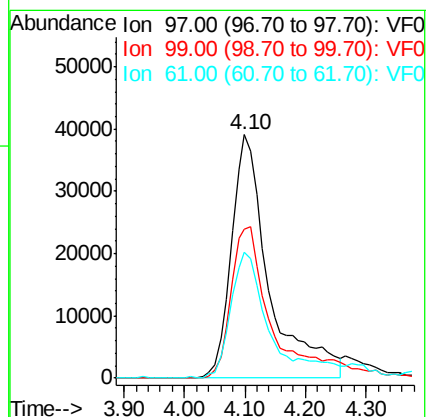
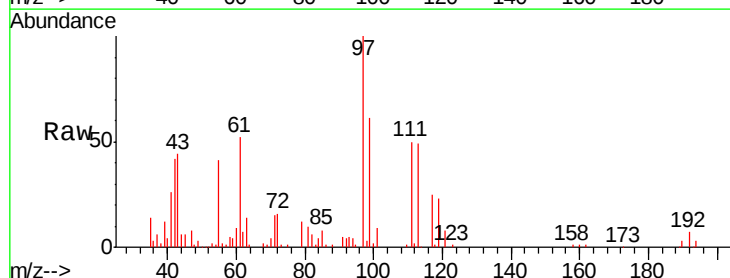
Tgt Ion: 97 Resp: 170325

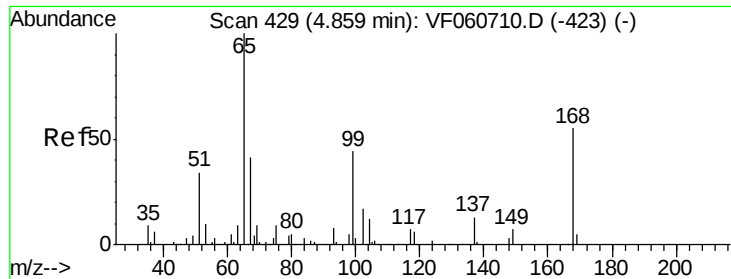
Ion Ratio Lower Upper

97 100

99 61.1 51.1 76.7

61 51.9 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 52.61 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

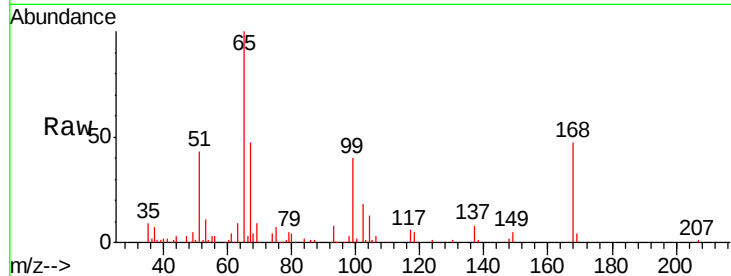
SSI-21-TW-2MSD

Tgt Ion: 65 Resp: 101786

Ion Ratio Lower Upper

65 100

67 46.8 0.0 90.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

30000

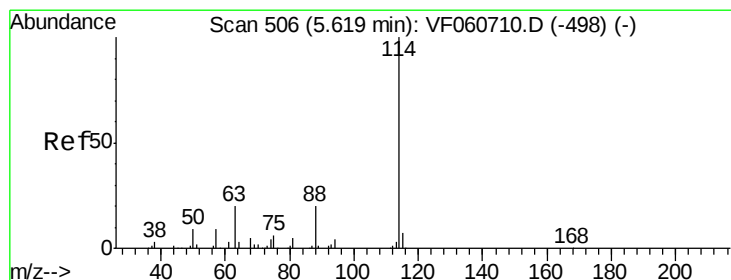
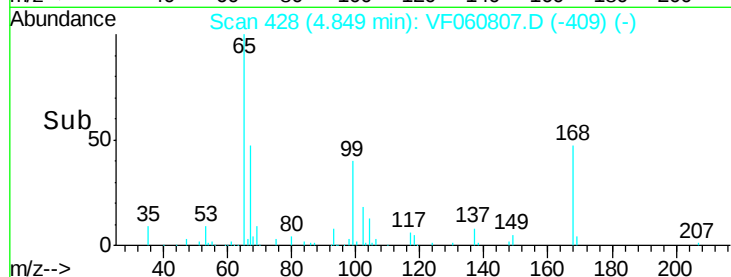
20000

10000

0

4.80 4.90

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

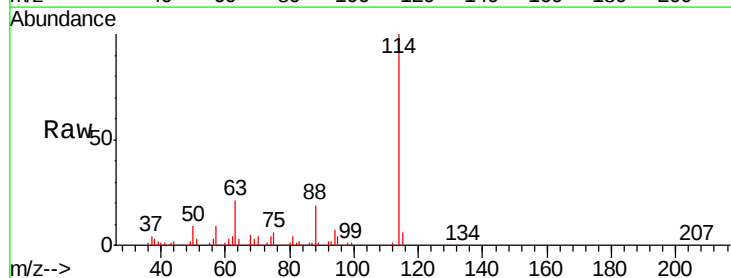
Tgt Ion: 114 Resp: 283503

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 19.5 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

5.61

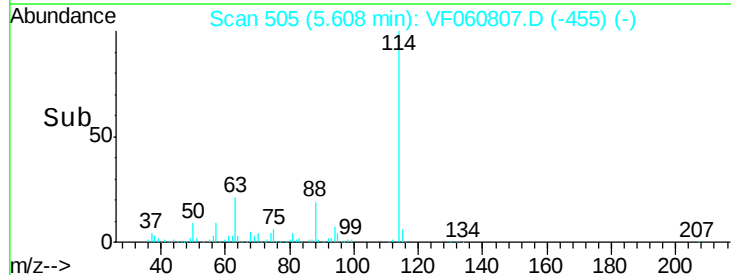
100000

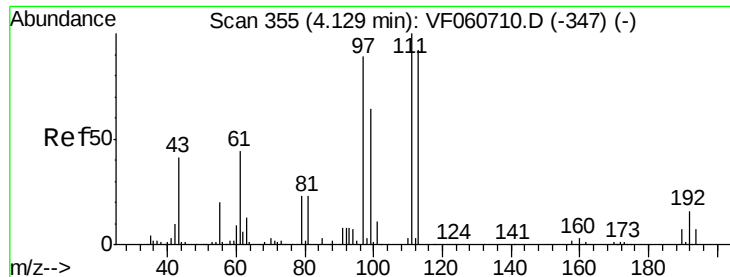
50000

0

5.50 5.60 5.70 5.80

Time-->

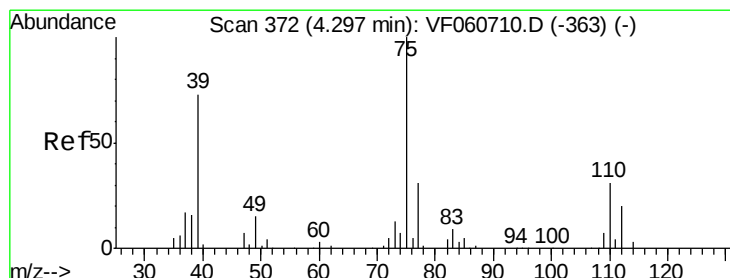
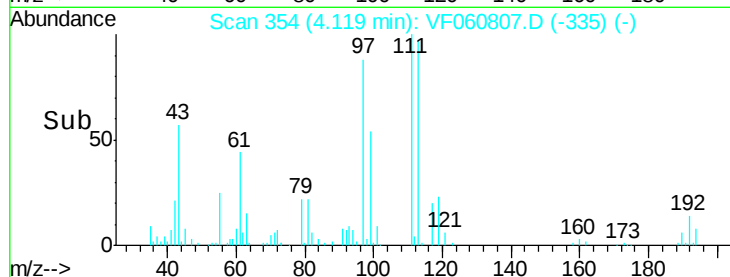
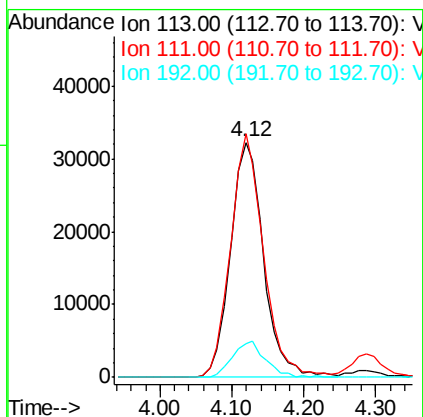
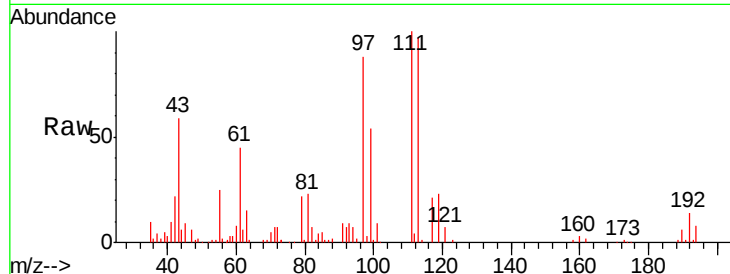




#35
 Dibromofluoromethane
 Concen: 48.44 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

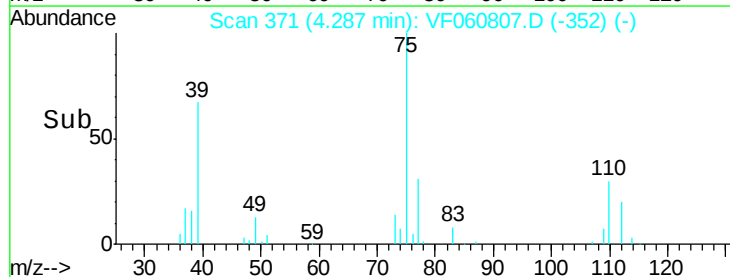
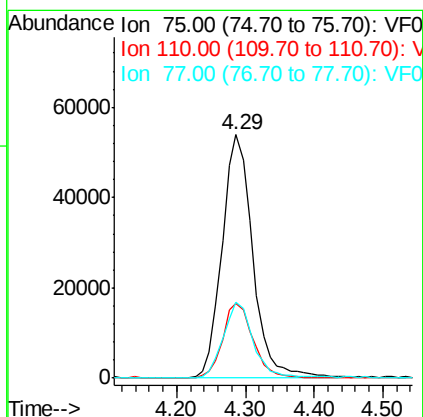
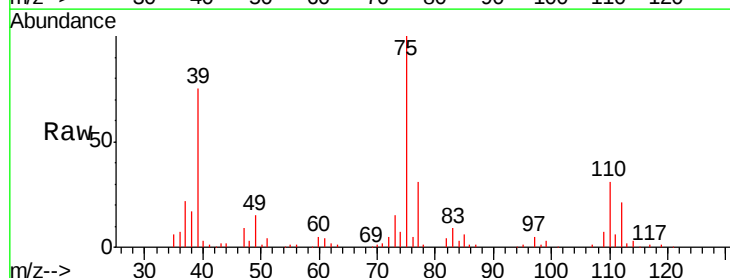
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MSD

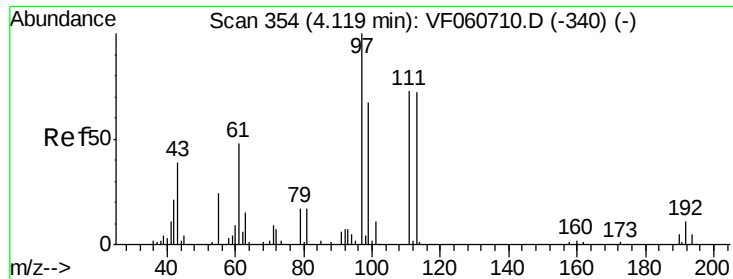
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	87.1	130.7
192	14.5	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 50.97 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.8	15.6	46.8
77	31.1	25.0	37.6

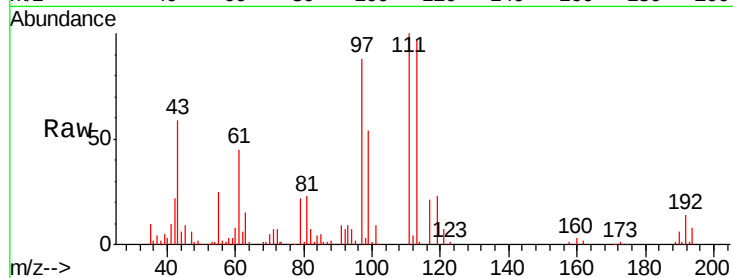




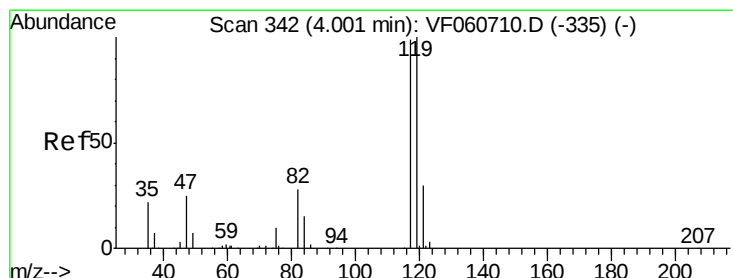
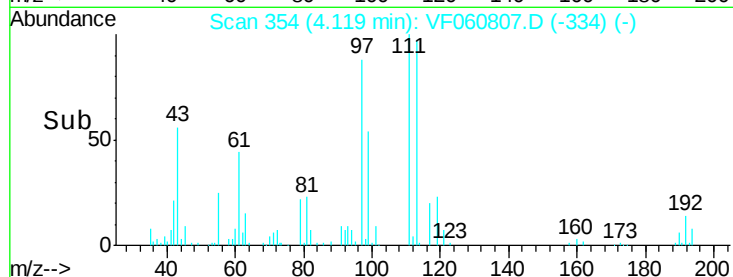
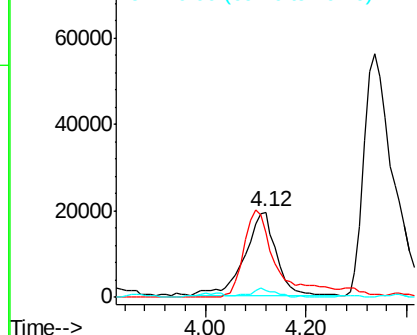
#37
Ethyl Acetate
Concen: 68.52 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

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

Tgt Ion: 43 Resp: 83753
Ion Ratio Lower Upper
43 100
61 75.9 98.5 147.7#
70 8.5 7.4 11.0

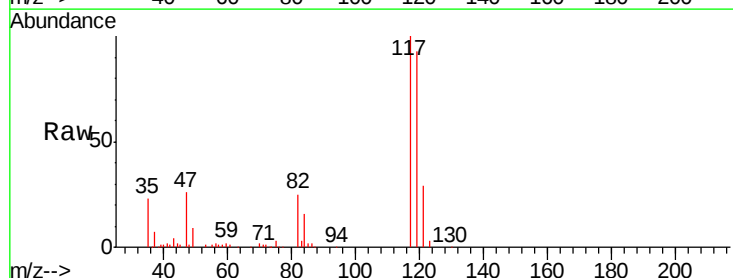


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

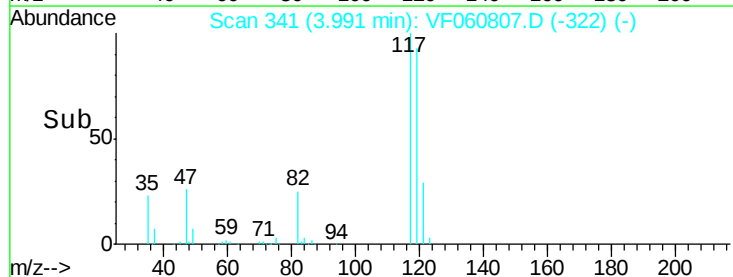
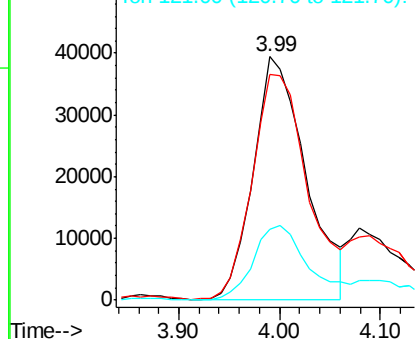


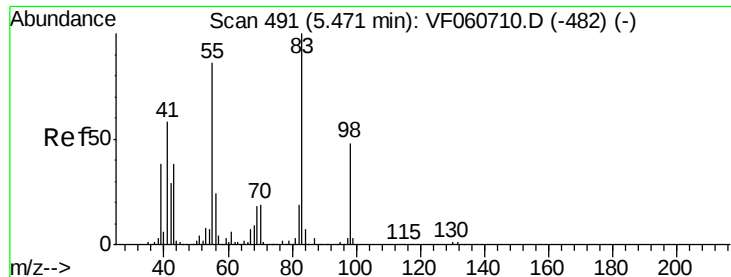
#38
Carbon Tetrachloride
Concen: 44.82 ug/l
RT: 3.99 min Scan# 341
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion: 117 Resp: 142980
Ion Ratio Lower Upper
117 100
119 92.7 80.7 121.1
121 28.8 24.3 36.5



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

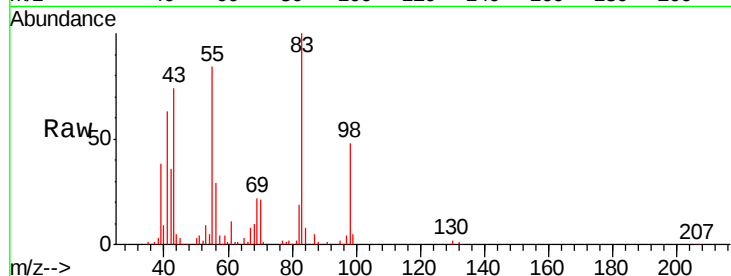




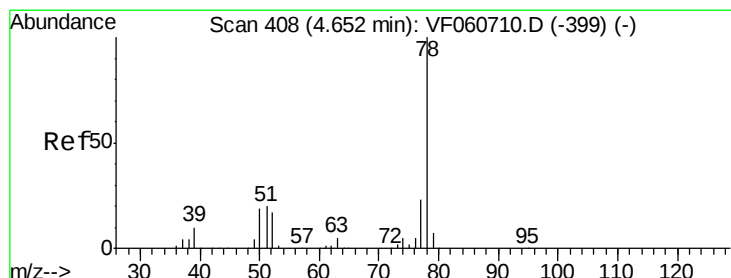
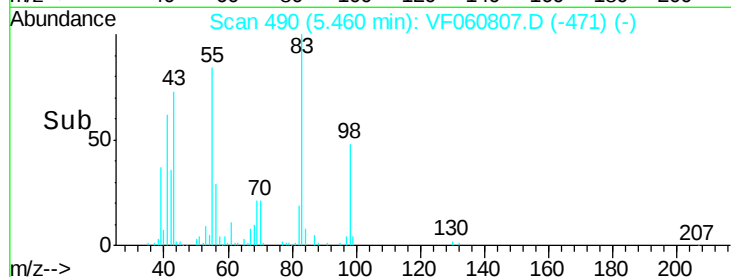
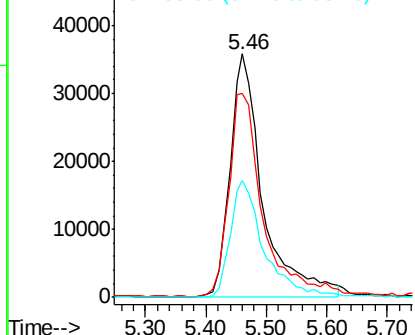
#39
Methylcyclohexane
Concen: 35.59 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

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

Tgt Ion: 83 Resp: 135764
Ion Ratio Lower Upper
83 100
55 83.7 69.0 103.4
98 48.1 38.5 57.7

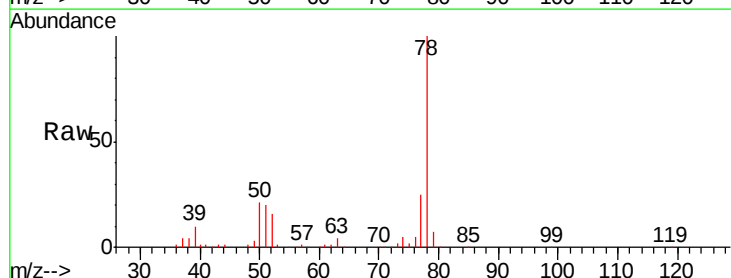


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

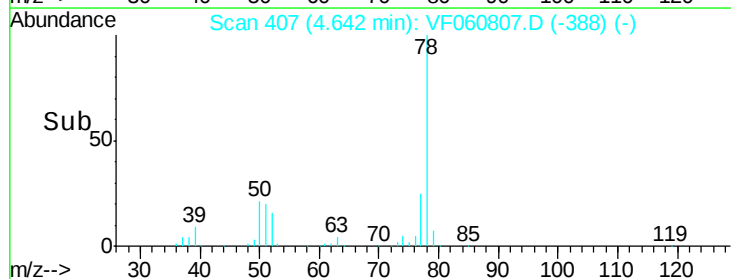
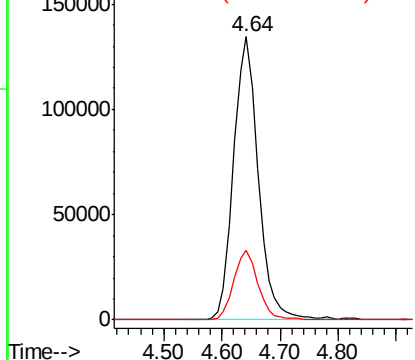


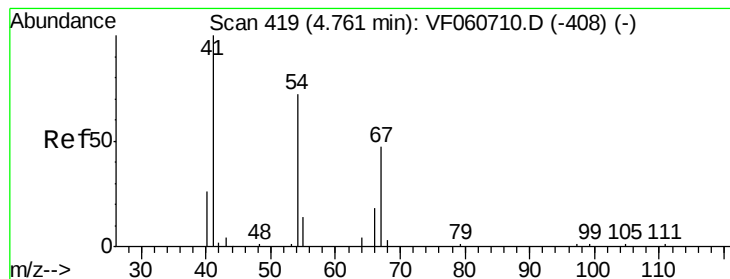
#40
Benzene
Concen: 54.47 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion: 78 Resp: 399215
Ion Ratio Lower Upper
78 100
77 24.8 18.6 28.0



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0





#41

Methacrylonitrile

Concen: 76.11 ug/l

RT: 4.75 min Scan# 418

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

Tgt Ion: 41 Resp: 48131

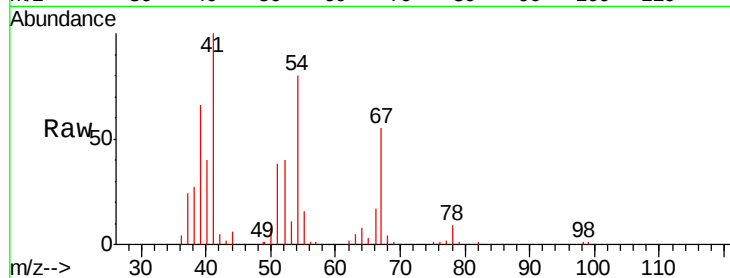
Ion Ratio Lower Upper

41 100

39 66.2 47.1 70.7

67 54.9 37.1 55.7

52 39.8 39.3 58.9

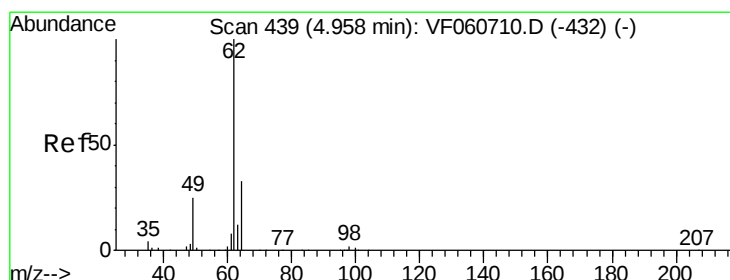
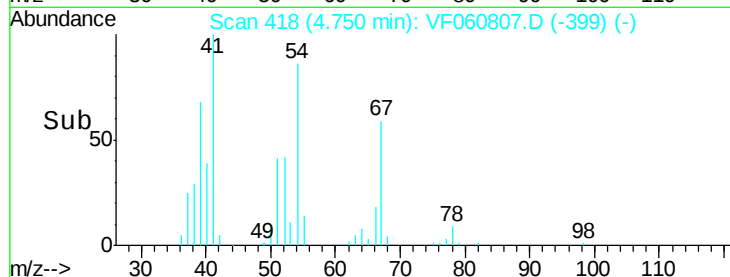
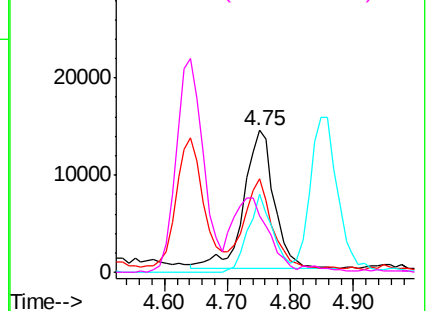


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 59.20 ug/l

RT: 4.95 min Scan# 438

Delta R.T. -0.01 min

Lab File: VF060807.D

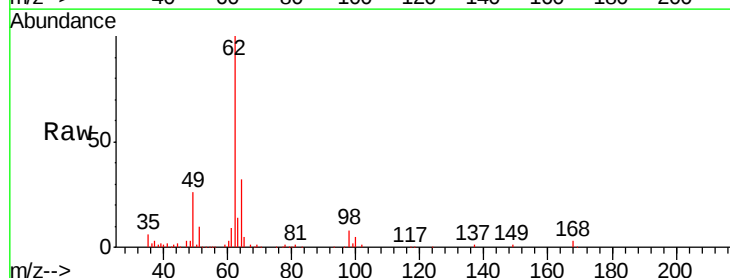
Acq: 20 Nov 2018 16:46

Tgt Ion: 62 Resp: 149935

Ion Ratio Lower Upper

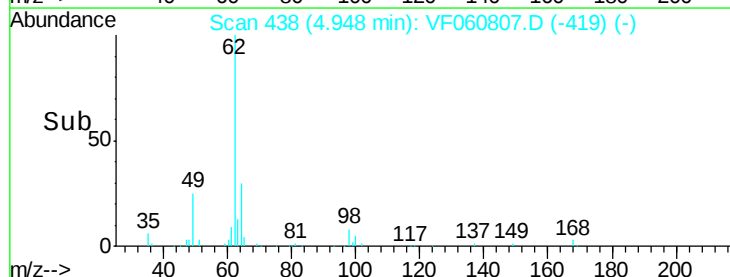
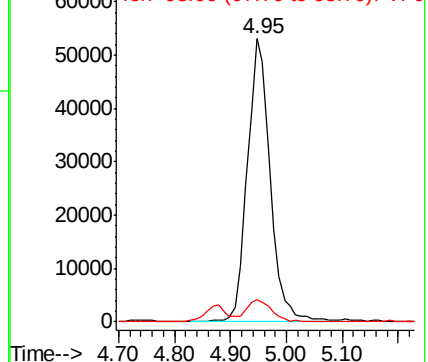
62 100

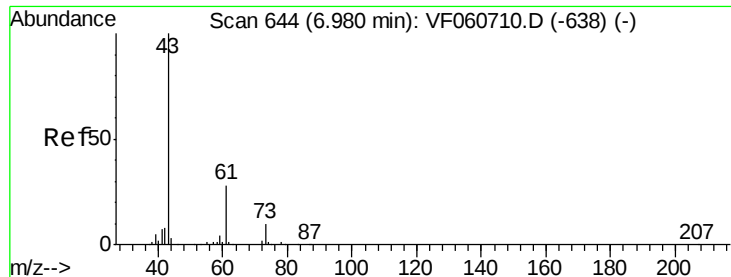
98 7.7 0.0 16.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 60.63 ug/l

RT: 6.97 min Scan# 643

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

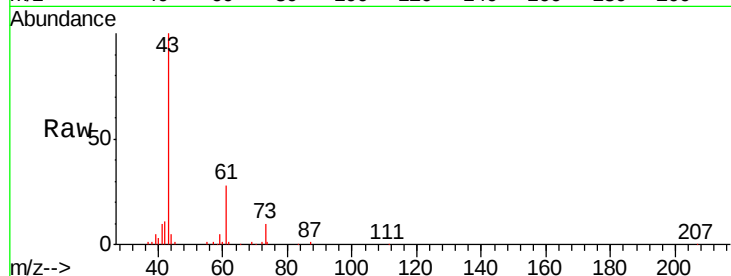
Tgt Ion: 43 Resp: 98264

Ion Ratio Lower Upper

43 100

61 27.7 22.2 33.4

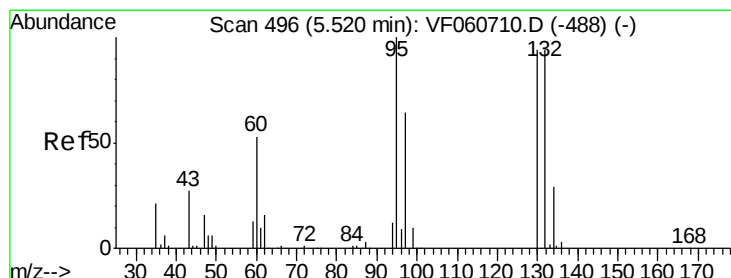
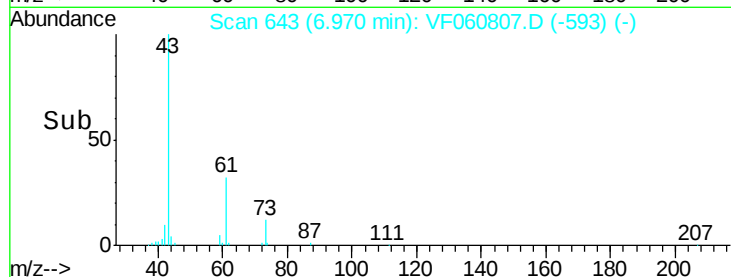
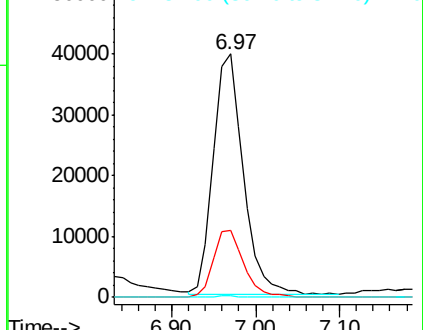
87 0.8 0.4 0.6#



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: 52.29 ug/l

RT: 5.51 min Scan# 495

Delta R.T. -0.01 min

Lab File: VF060807.D

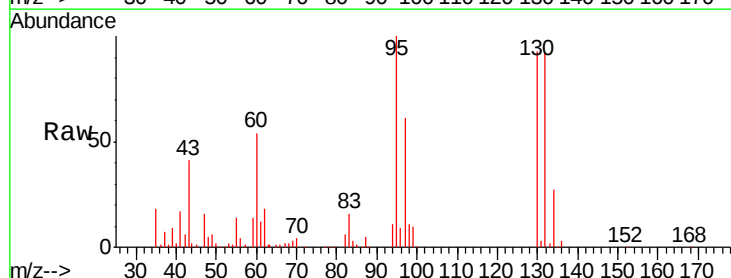
Acq: 20 Nov 2018 16:46

Tgt Ion: 130 Resp: 120919

Ion Ratio Lower Upper

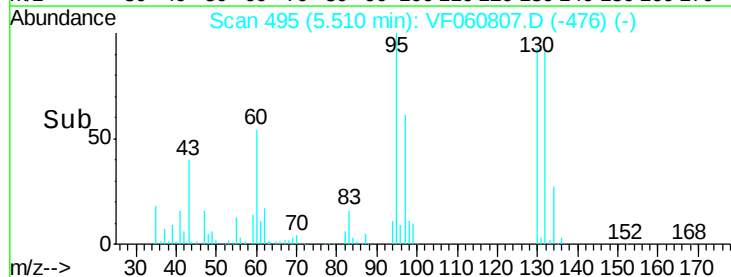
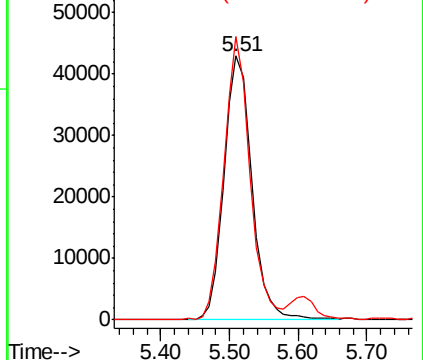
130 100

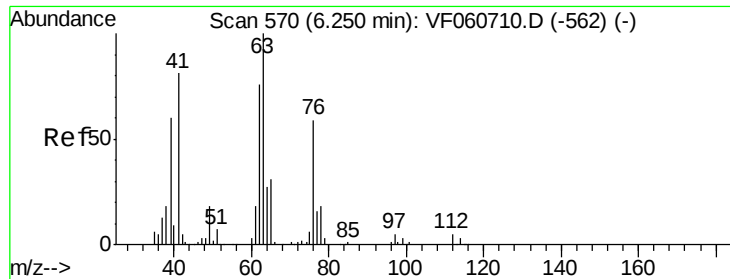
95 107.3 0.0 212.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 55.30 ug/l

RT: 6.25 min Scan# 570

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

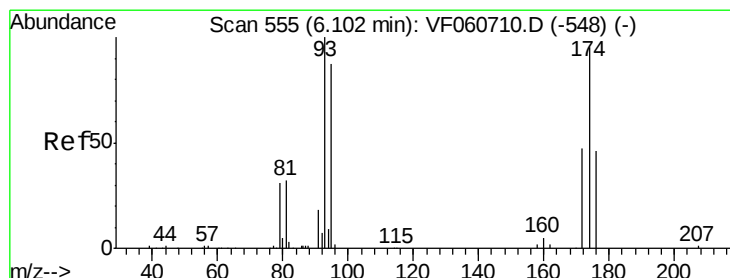
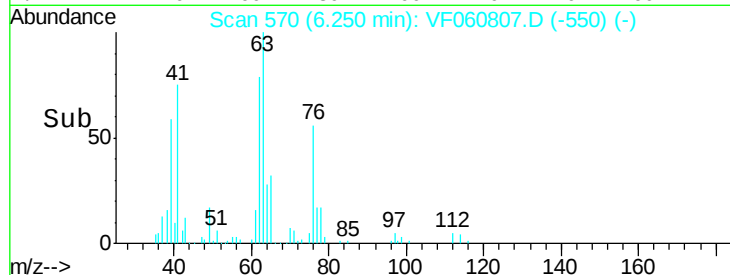
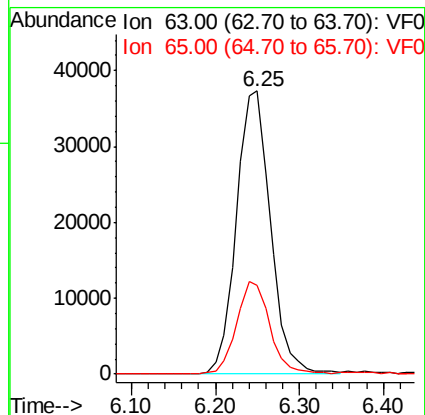
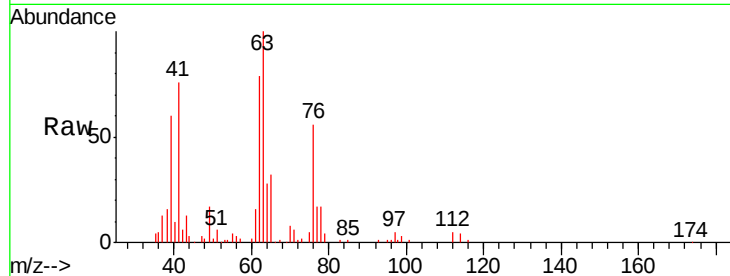
SSI-21-TW-2MSD

Tgt Ion: 63 Resp: 105472

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8



#46

Dibromomethane

Concen: 59.29 ug/l

RT: 6.09 min Scan# 554

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

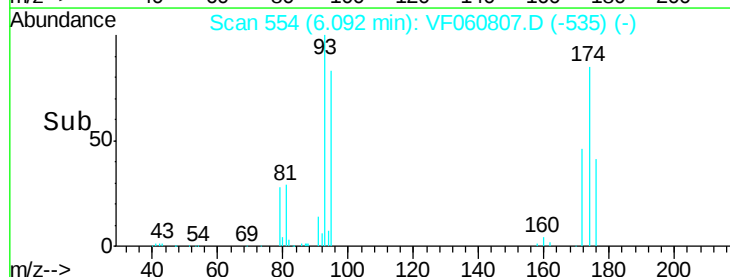
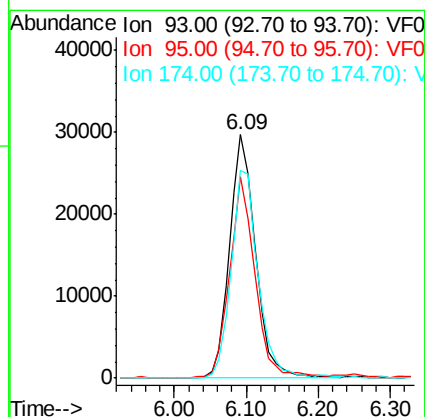
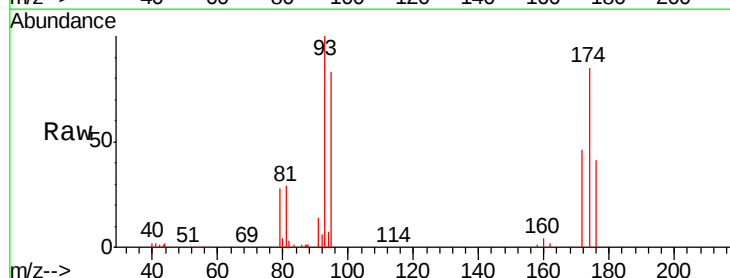
Tgt Ion: 93 Resp: 74649

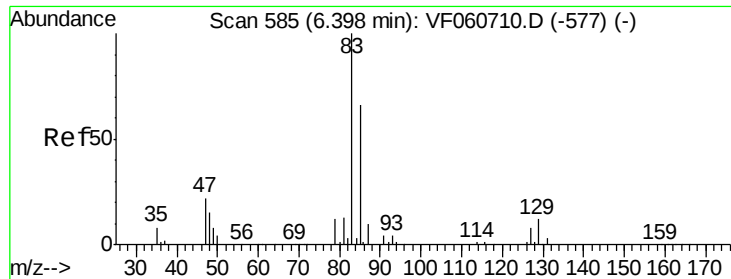
Ion Ratio Lower Upper

93 100

95 82.9 69.5 104.3

174 85.4 76.2 114.2





#47

Bromodichloromethane

Concen: 53.98 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

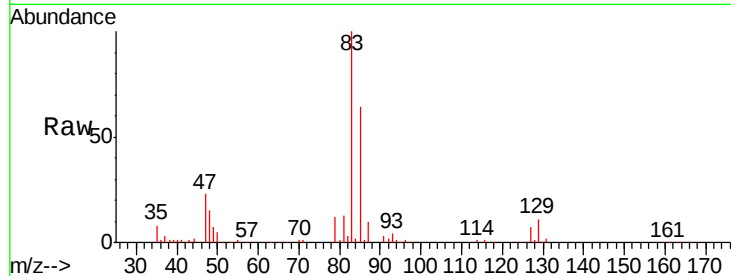
Tgt Ion: 83 Resp: 173544

Ion Ratio Lower Upper

83 100

85 64.1 52.4 78.6

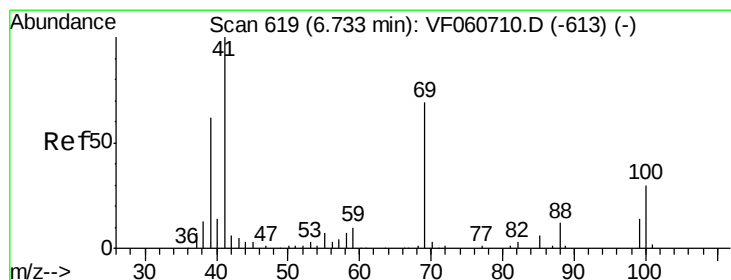
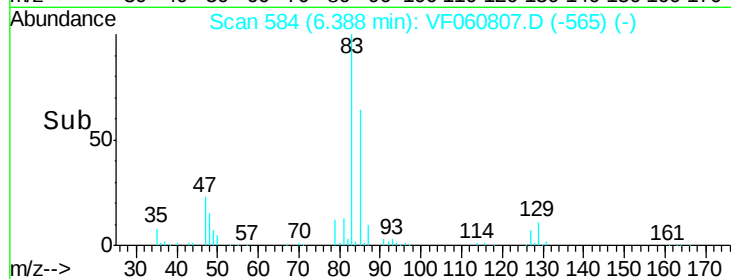
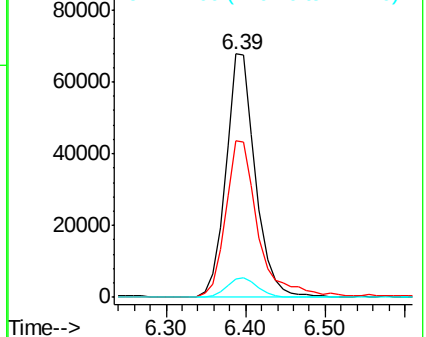
127 7.3 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 61.14 ug/l

RT: 6.72 min Scan# 618

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

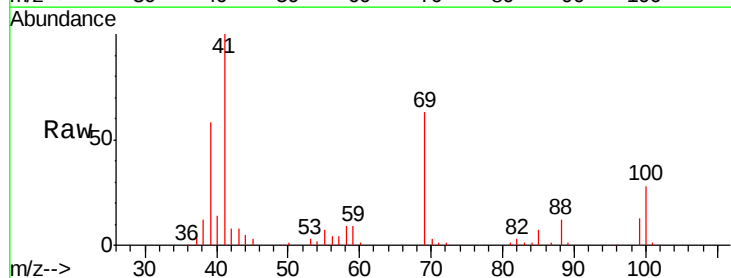
Tgt Ion: 41 Resp: 65579

Ion Ratio Lower Upper

41 100

69 62.6 54.9 82.3

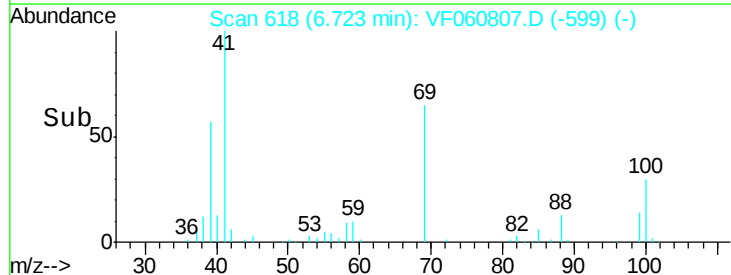
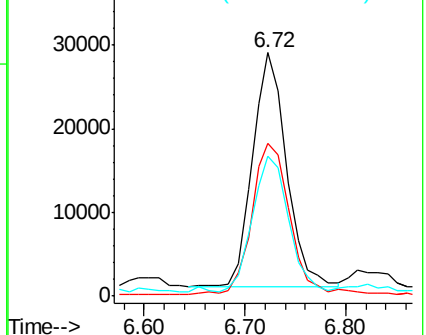
39 57.6 49.6 74.4

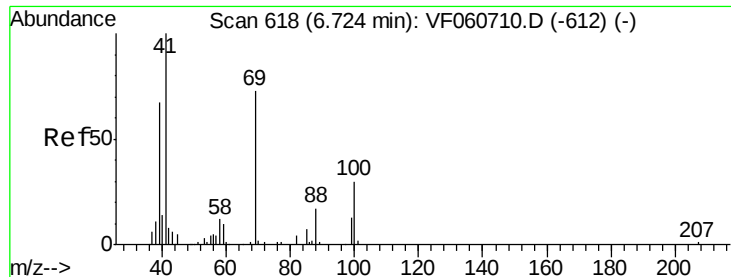


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

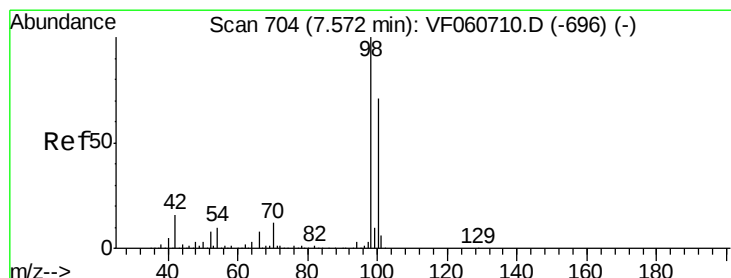
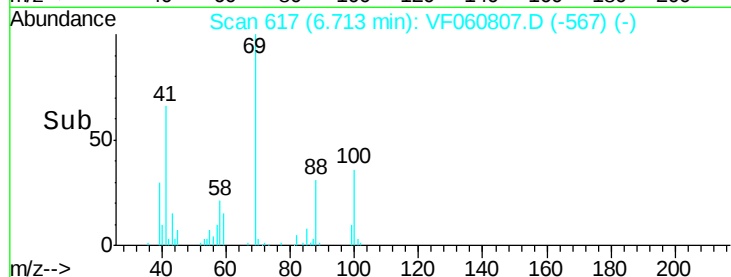
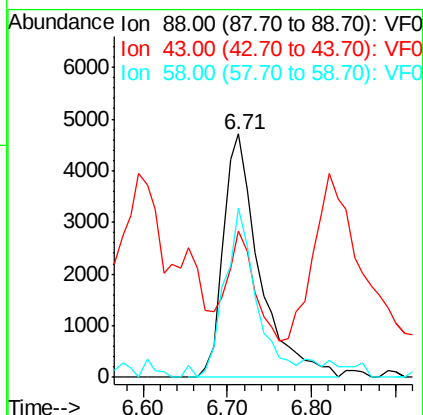
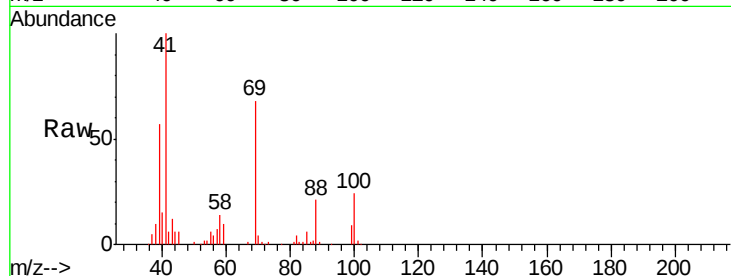




#49
1,4-Dioxane
Concen: 1406.74 ug/l
RT: 6.71 min Scan# 617
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

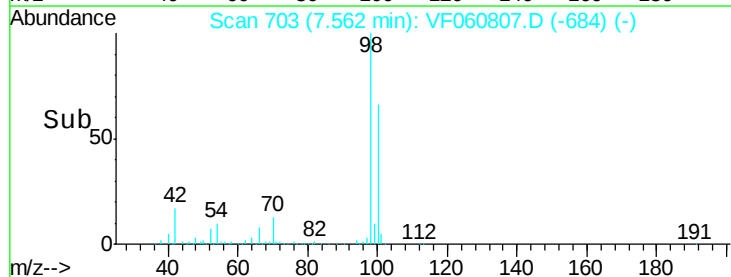
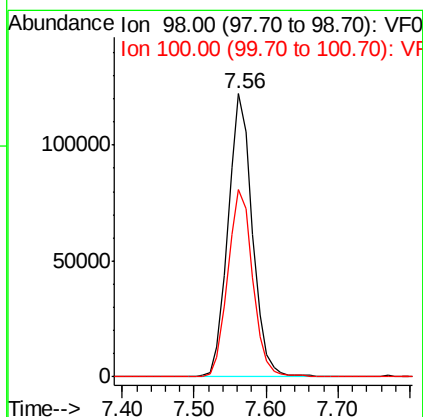
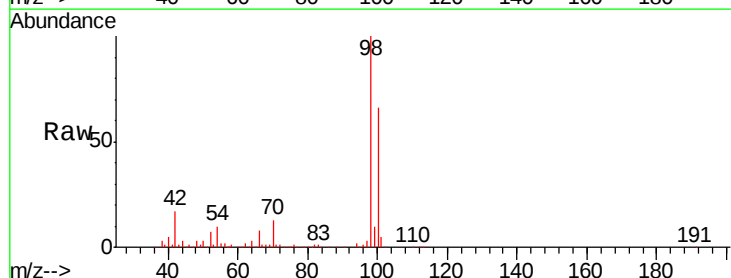
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MSD

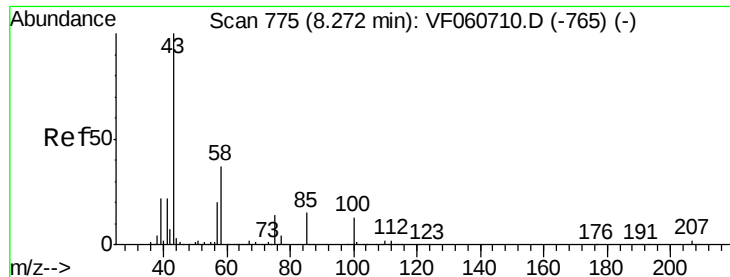
Tgt Ion: 88 Resp: 14112
Ion Ratio Lower Upper
88 100
43 60.1 44.6 66.8
58 69.5 54.5 81.7



#50
Toluene-d8
Concen: 52.82 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion: 98 Resp: 287720
Ion Ratio Lower Upper
98 100
100 66.0 56.5 84.7





#51

4-Methyl-2-Pentanone

Concen: 348.49 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

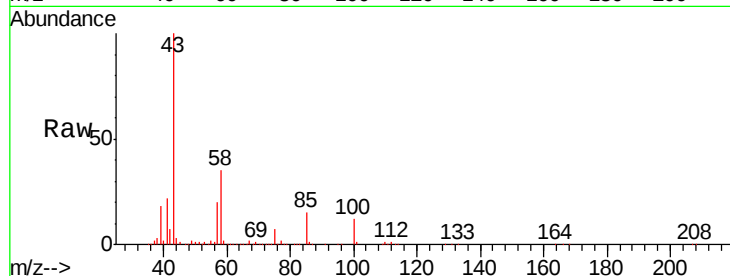
SSI-21-TW-2MSD

Tgt Ion: 43 Resp: 408495

Ion Ratio Lower Upper

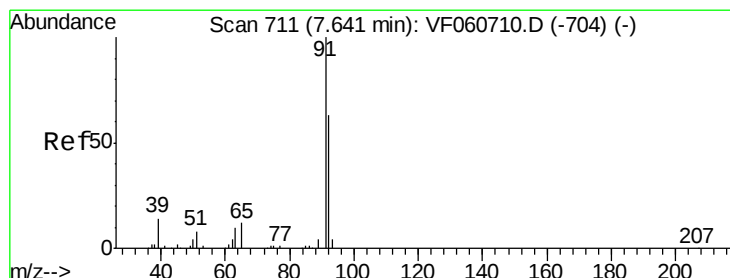
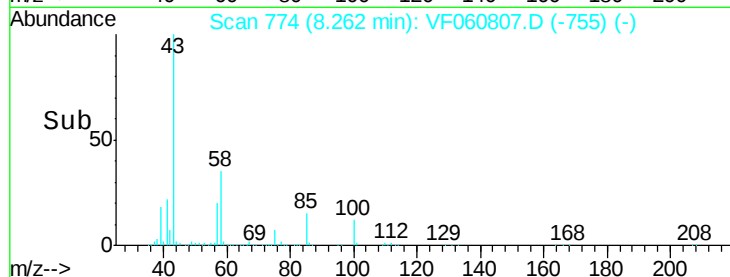
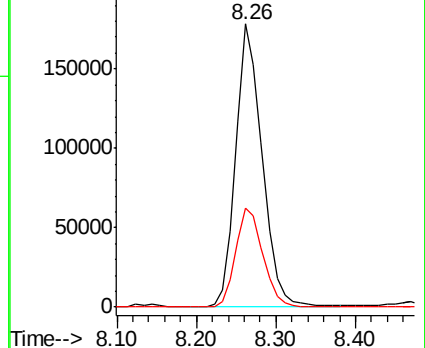
43 100

58 35.0 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 49.77 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060807.D

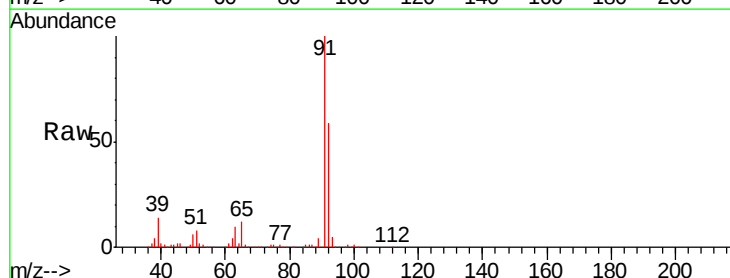
Acq: 20 Nov 2018 16:46

Tgt Ion: 92 Resp: 244429

Ion Ratio Lower Upper

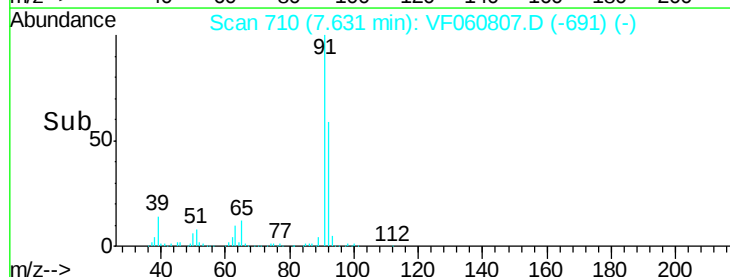
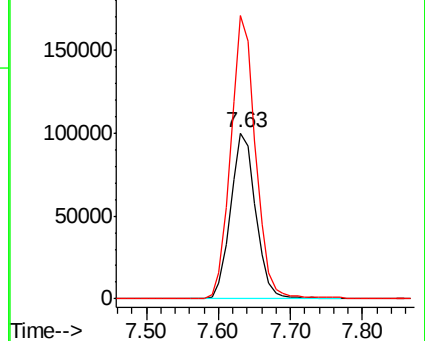
92 100

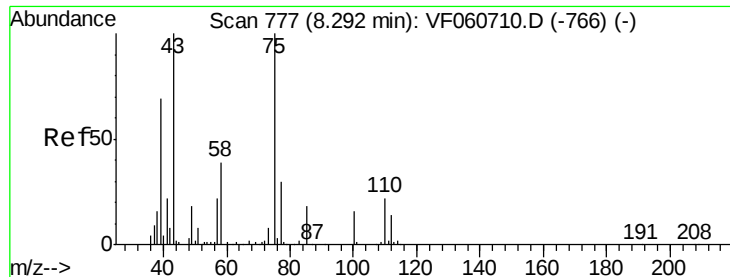
91 170.5 126.7 190.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 52.61 ug/l

RT: 8.29 min Scan# 777

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

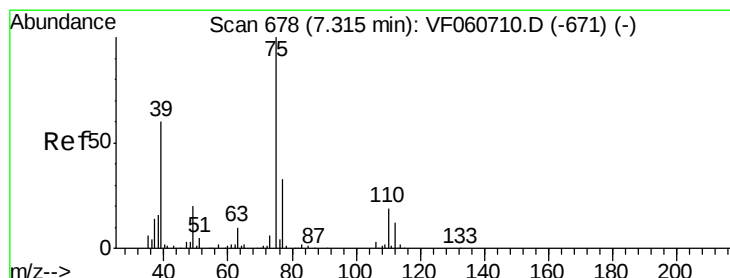
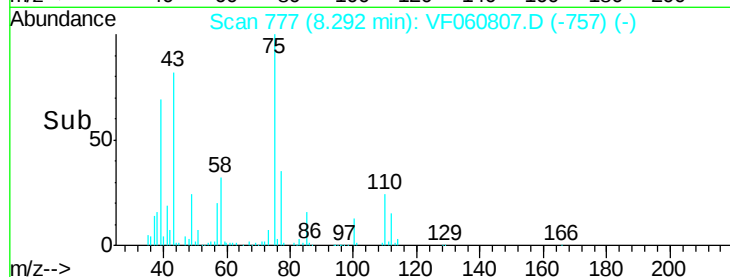
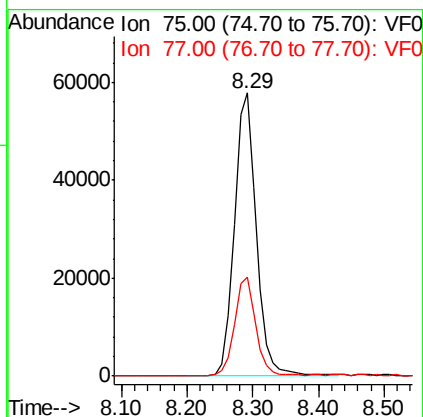
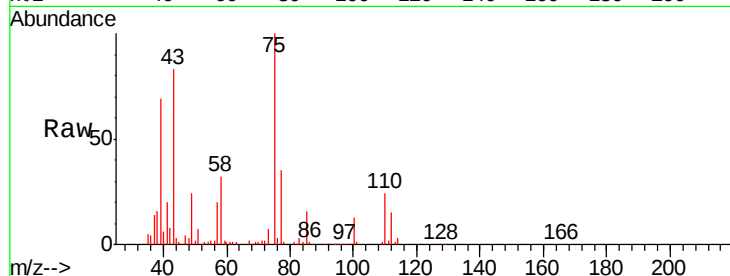
SSI-21-TW-2MSD

Tgt Ion: 75 Resp: 135470

Ion Ratio Lower Upper

75 100

77 34.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 51.65 ug/l

RT: 7.31 min Scan# 677

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

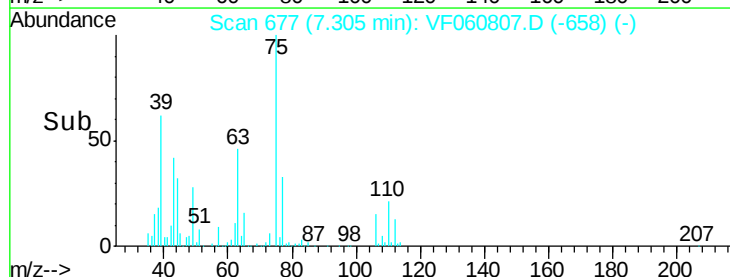
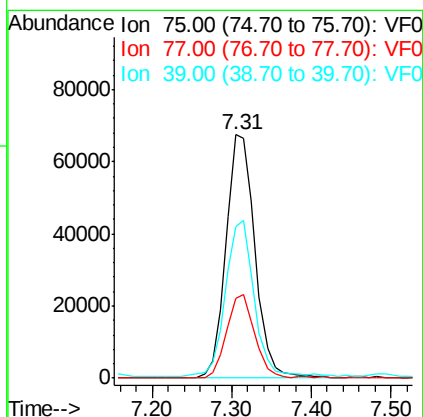
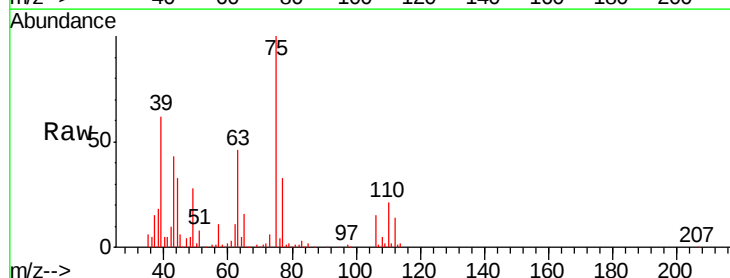
Tgt Ion: 75 Resp: 172757

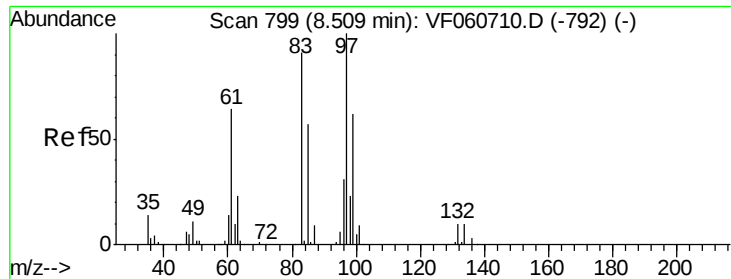
Ion Ratio Lower Upper

75 100

77 32.8 26.5 39.7

39 62.4 48.5 72.7





#55

1,1,2-Trichloroethane

Concen: 54.24 ug/l

RT: 8.50 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

Tgt Ion: 97 Resp: 76111

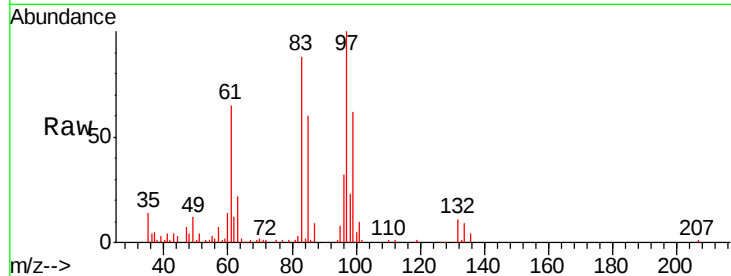
Ion Ratio Lower Upper

97 100

83 88.4 72.8 109.2

85 59.8 45.8 68.6

99 61.7 49.4 74.0

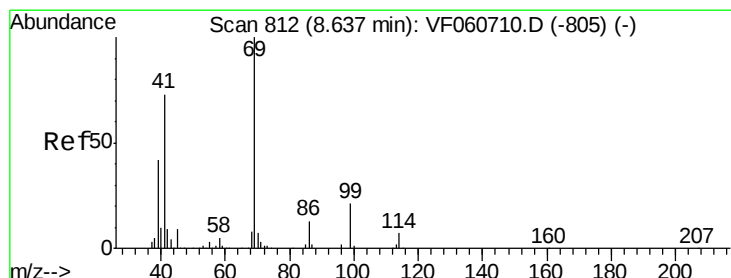
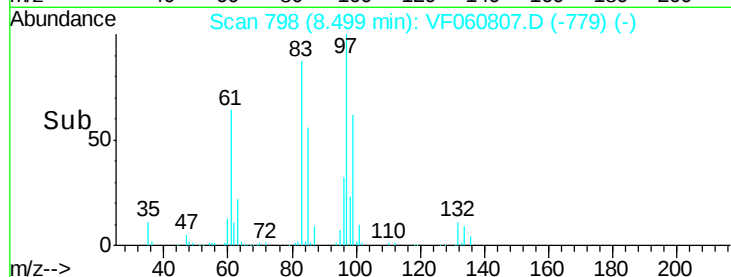
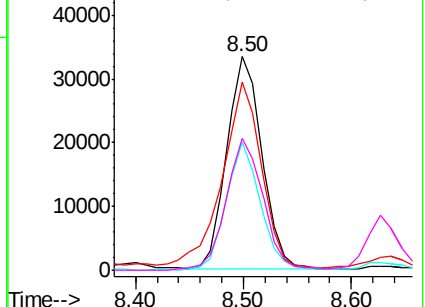


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 72.76 ug/l

RT: 8.63 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

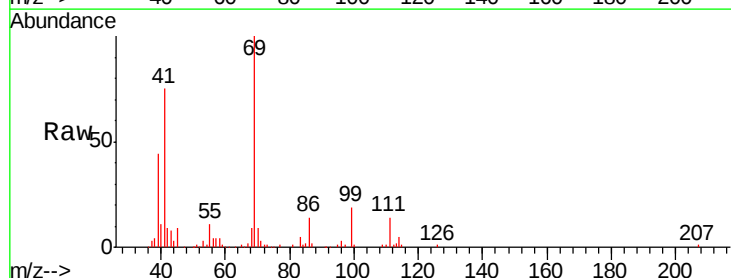
Tgt Ion: 69 Resp: 115963

Ion Ratio Lower Upper

69 100

41 74.6 59.0 88.6

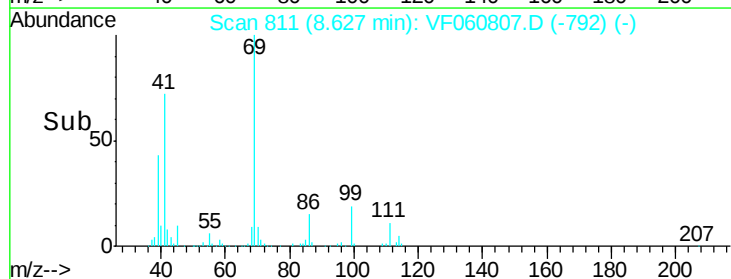
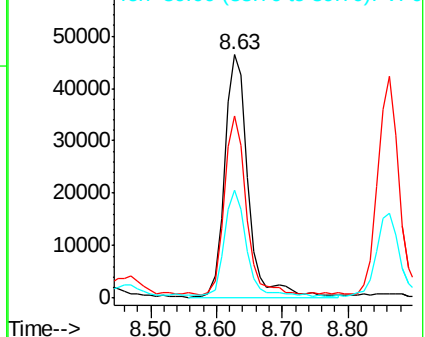
39 44.2 34.0 51.0

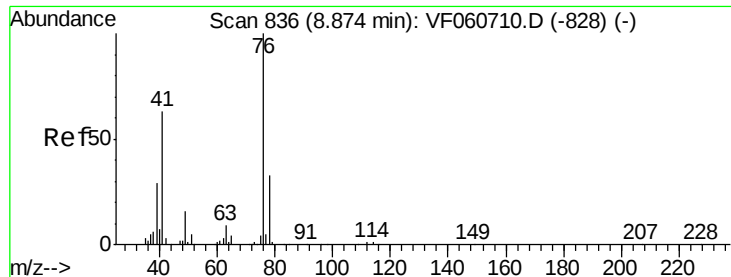


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 56.03 ug/l

RT: 8.86 min Scan# 835

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

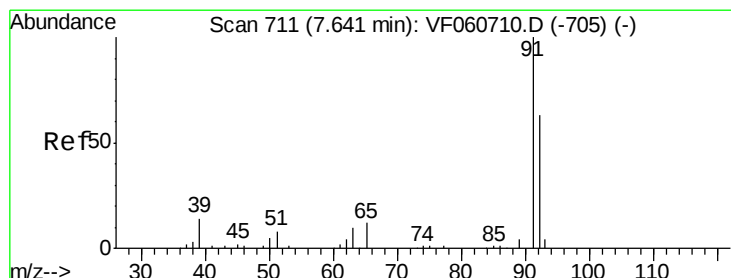
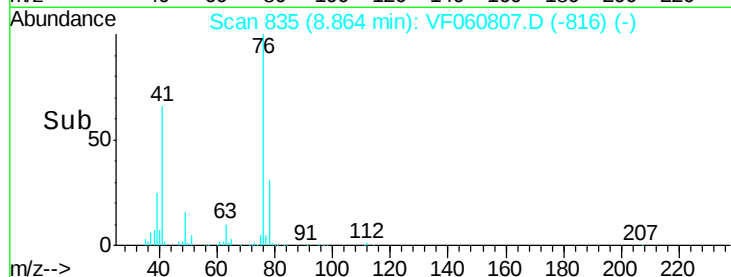
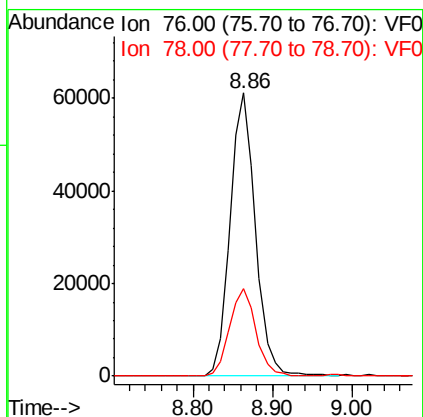
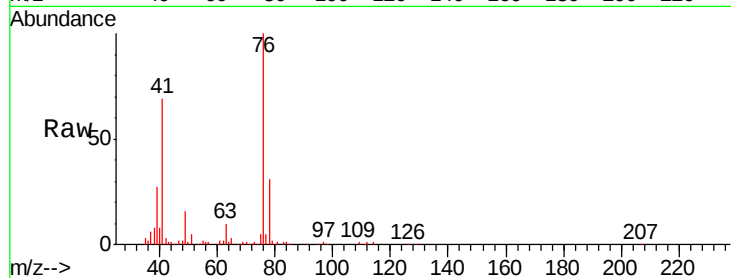
SSI-21-TW-2MSD

Tgt Ion: 76 Resp: 136264

Ion Ratio Lower Upper

76 100

78 31.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 271.45 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060807.D

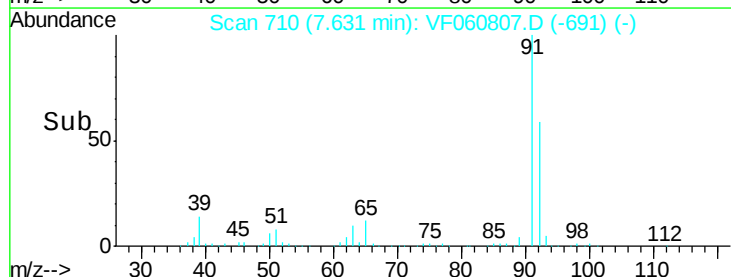
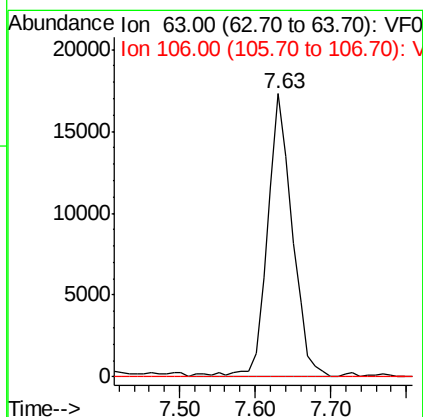
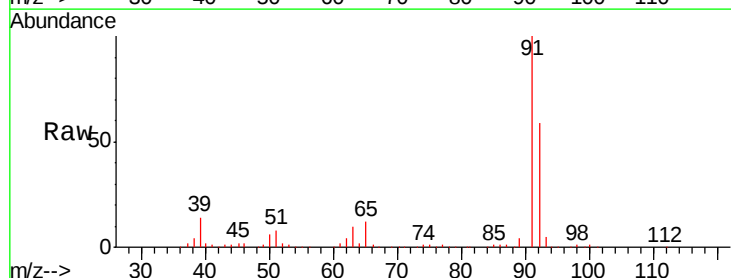
Acq: 20 Nov 2018 16:46

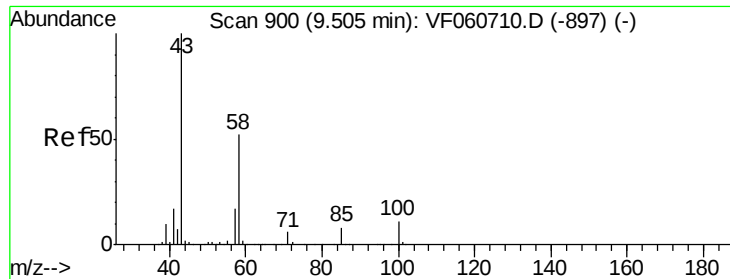
Tgt Ion: 63 Resp: 39520

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

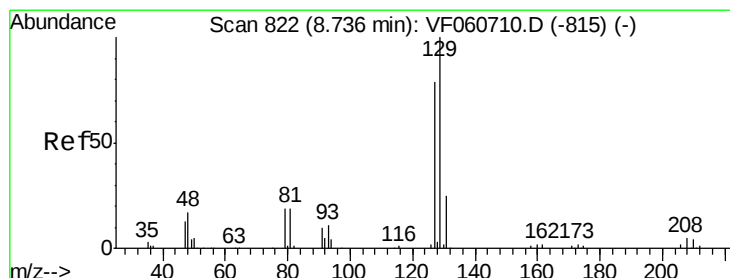
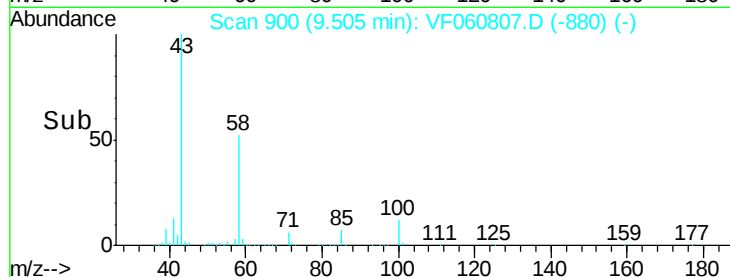
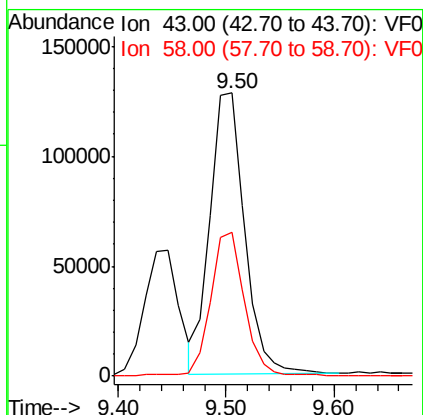
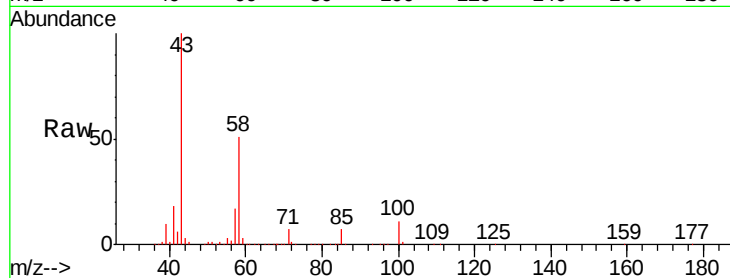




#59
2-Hexanone
Concen: 344.92 ug/l
RT: 9.50 min Scan# 900
Delta R.T. -0.00 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

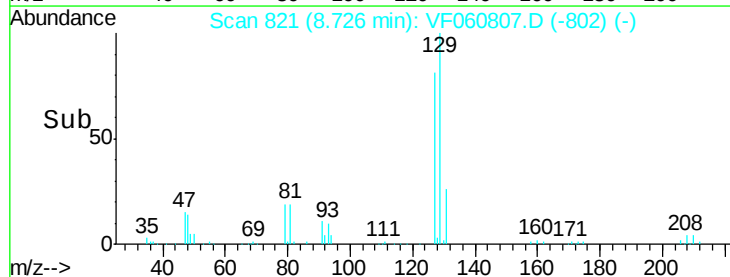
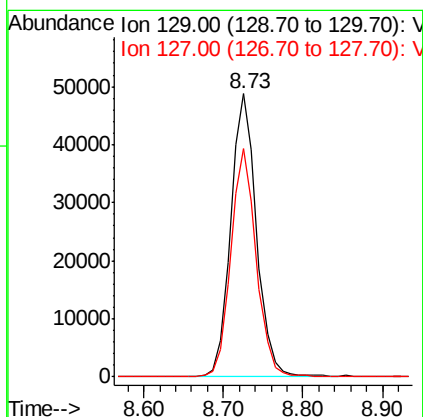
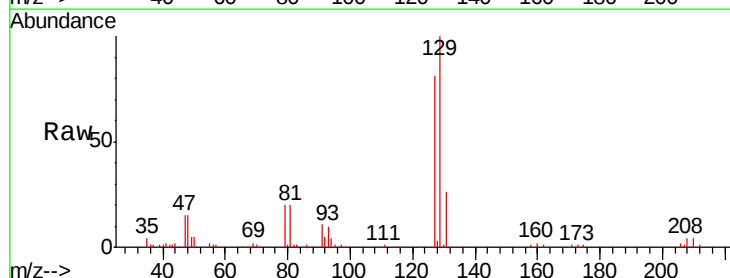
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MSD

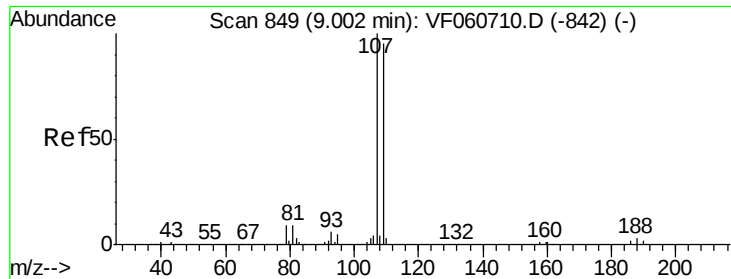
Tgt Ion: 43 Resp: 284141
Ion Ratio Lower Upper
43 100
58 51.0 24.9 74.7



#60
Dibromochloromethane
Concen: 55.23 ug/l
RT: 8.73 min Scan# 821
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion: 129 Resp: 110461
Ion Ratio Lower Upper
129 100
127 80.8 39.7 119.1





#61

1,2-Dibromoethane

Concen: 58.68 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

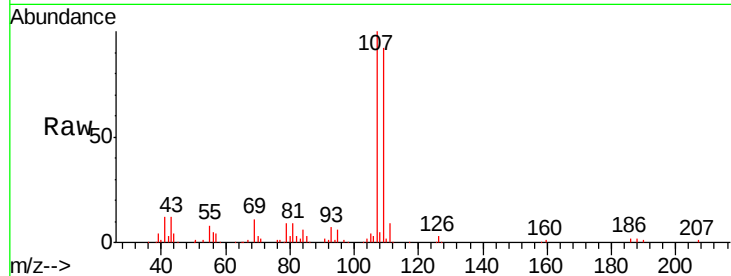
SSI-21-TW-2MSD

Tgt Ion: 107 Resp: 86605

Ion Ratio Lower Upper

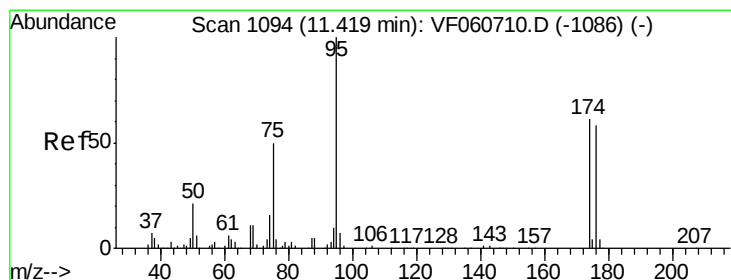
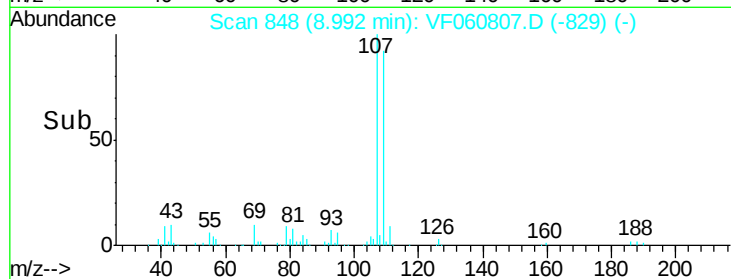
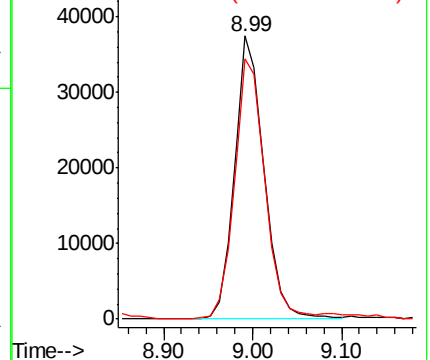
107 100

109 91.8 75.9 113.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 50.58 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

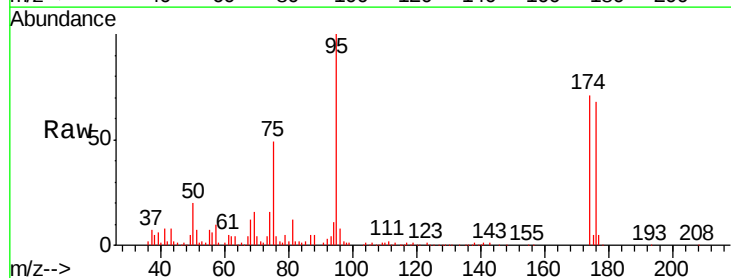
Tgt Ion: 95 Resp: 127442

Ion Ratio Lower Upper

95 100

174 70.5 0.0 121.6

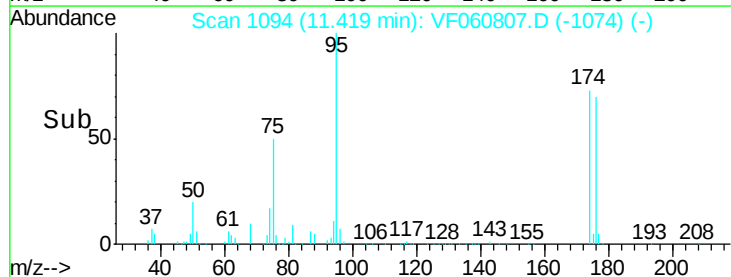
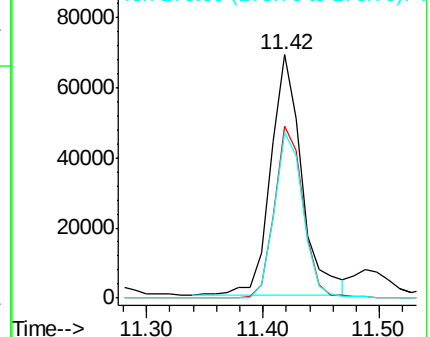
176 67.9 0.0 115.2

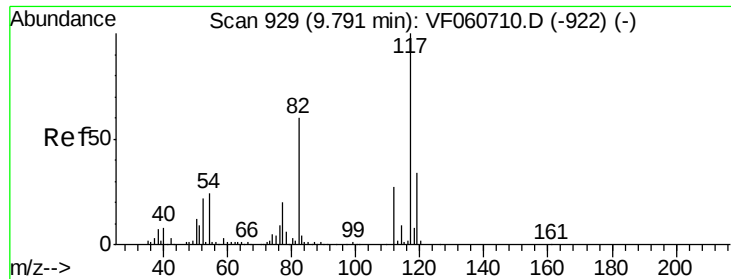


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

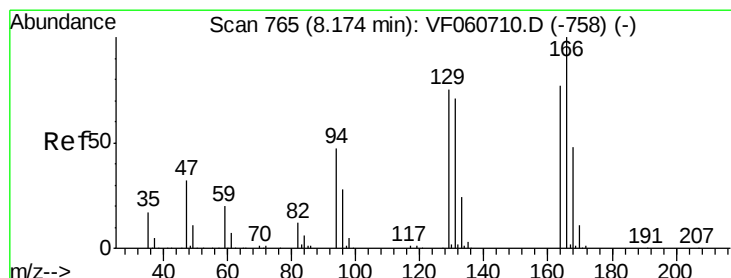
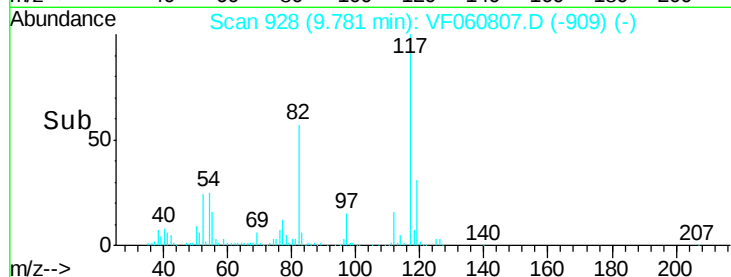
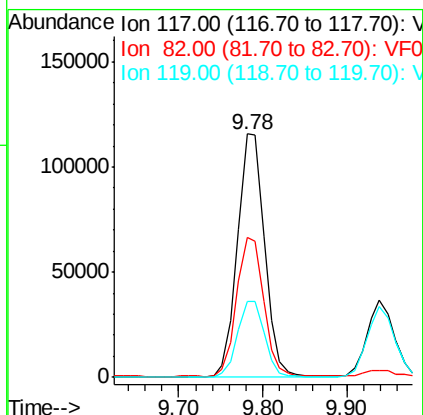
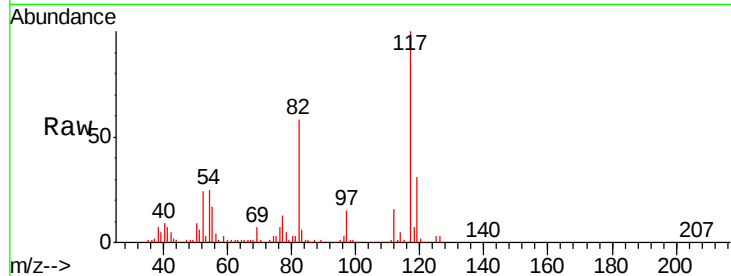




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

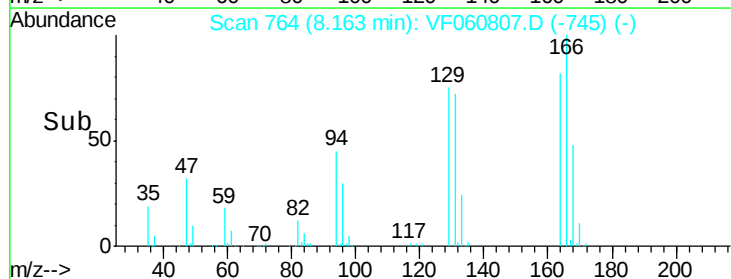
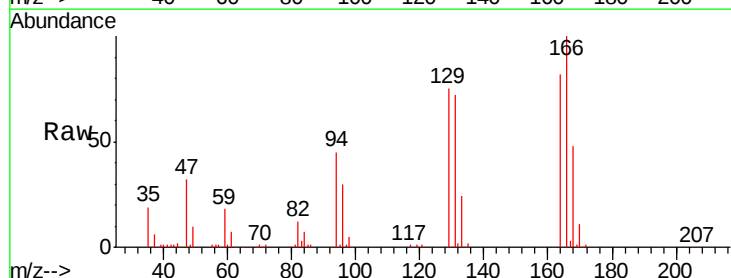
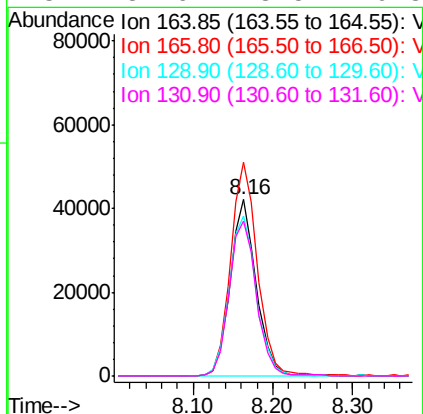
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MSD

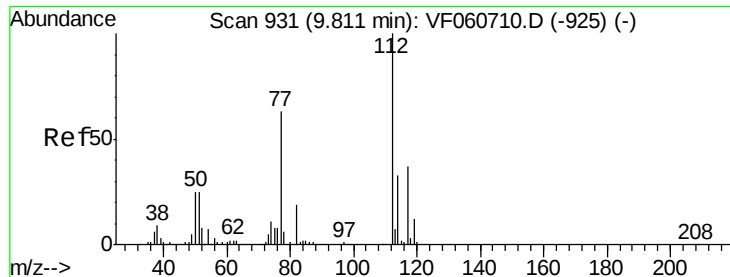
Tgt Ion:117 Resp: 262994
Ion Ratio Lower Upper
117 100
82 57.6 47.9 71.9
119 31.0 26.8 40.2



#64
Tetrachloroethene
Concen: 46.22 ug/l
RT: 8.16 min Scan# 764
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion:164 Resp: 96252
Ion Ratio Lower Upper
164 100
166 121.2 103.5 155.3
129 90.6 77.4 116.2
131 87.6 73.5 110.3

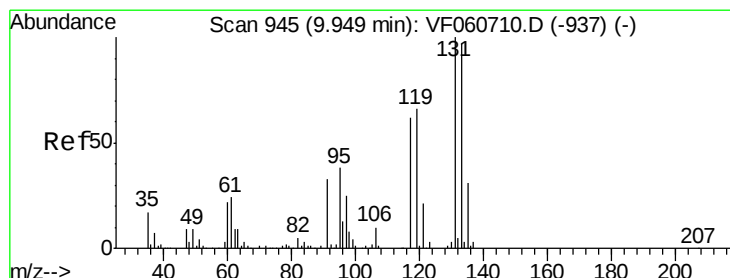
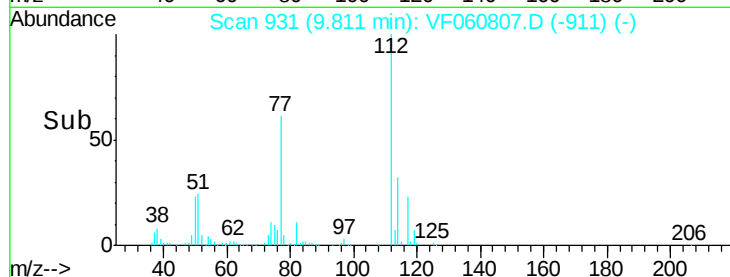
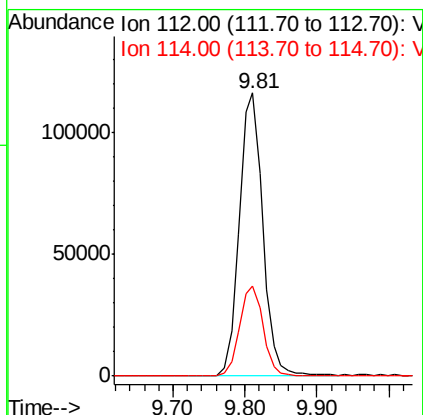
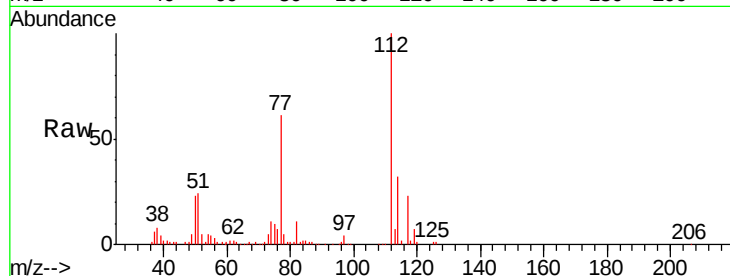




#65
Chlorobenzene
Concen: 49.92 ug/l
RT: 9.81 min Scan# 931
Delta R.T. -0.00 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

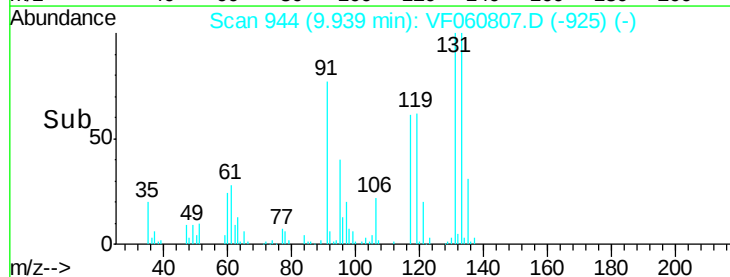
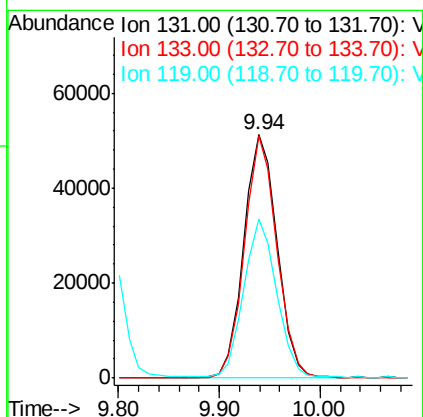
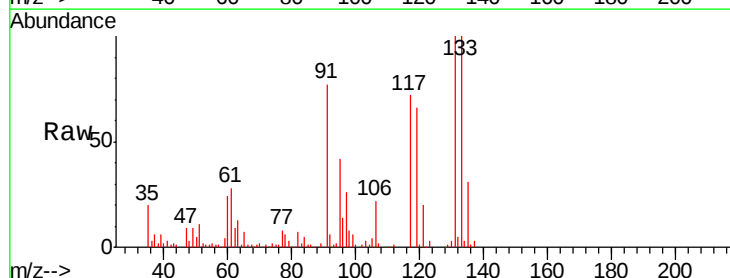
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MSD

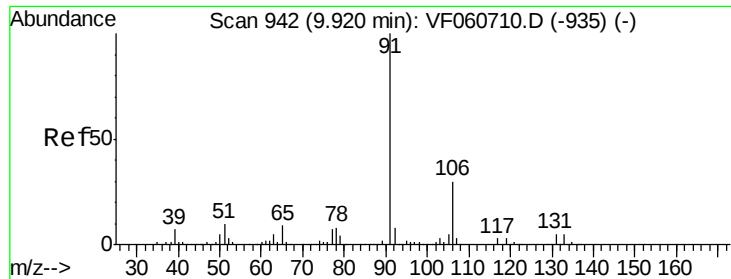
Tgt Ion:112 Resp: 264908
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.12 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion:131 Resp: 118323
Ion Ratio Lower Upper
131 100
133 99.5 48.3 144.8
119 65.6 33.2 99.6

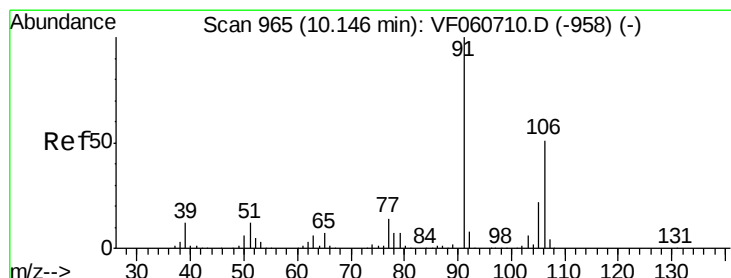
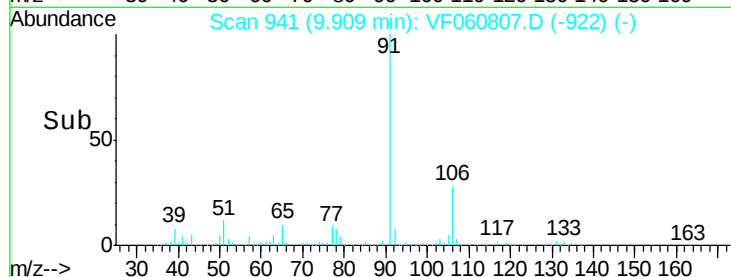
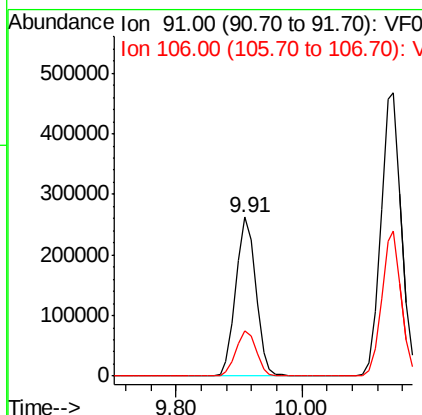
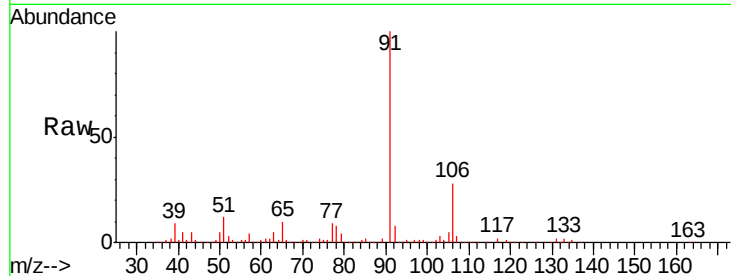




#67
Ethyl Benzene
Concen: 58.09 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

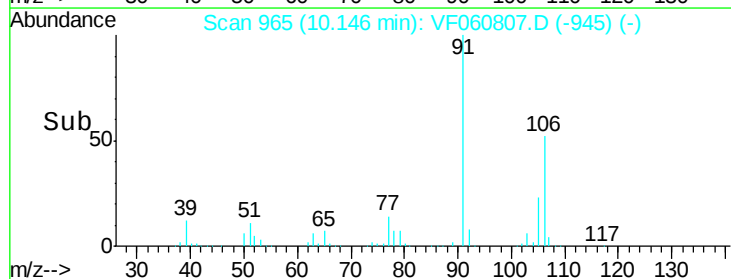
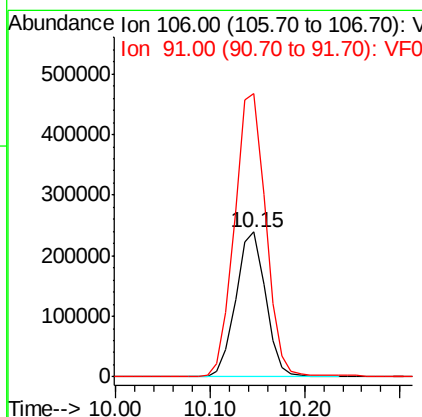
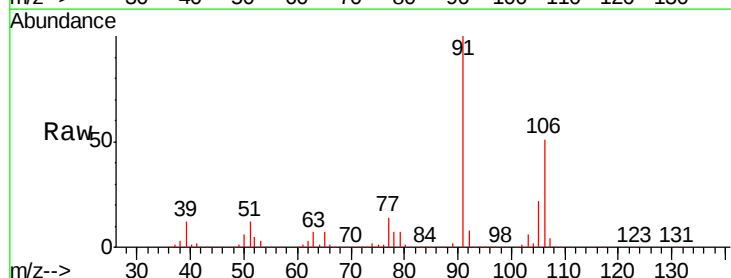
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MSD

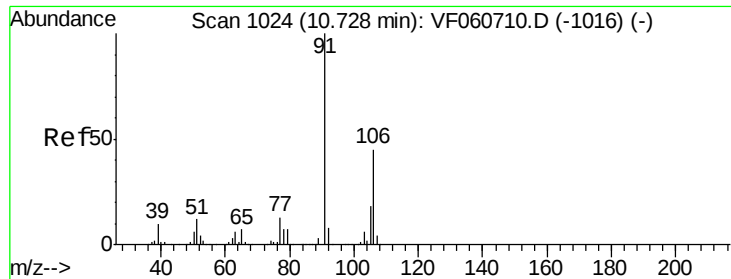
Tgt Ion: 91 Resp: 581100
Ion Ratio Lower Upper
91 100
106 28.4 23.9 35.9



#68
m/p-Xylenes
Concen: 146.80 ug/l
RT: 10.15 min Scan# 965
Delta R.T. -0.00 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion: 106 Resp: 524806
Ion Ratio Lower Upper
106 100
91 195.8 158.2 237.2

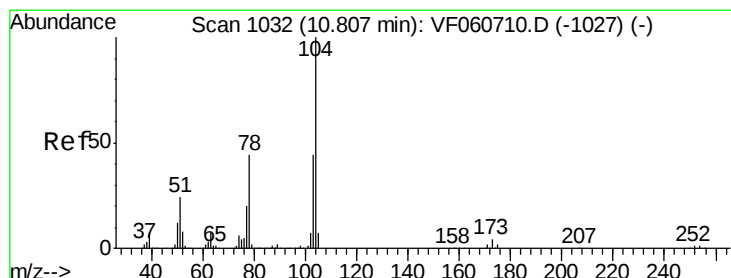
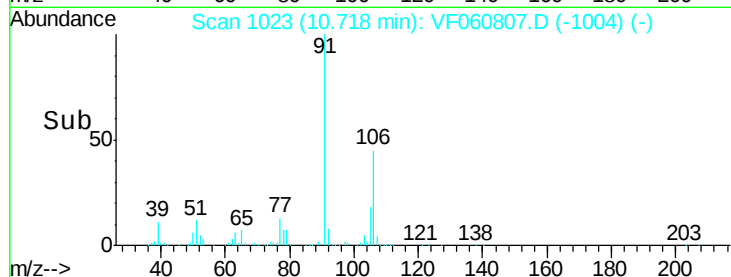
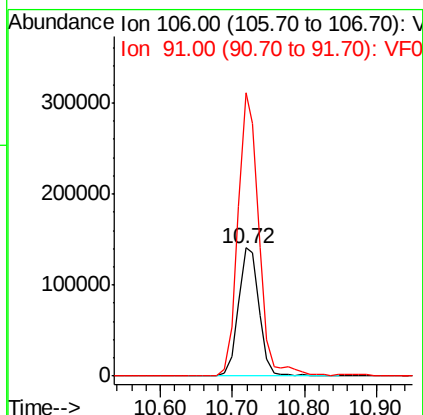
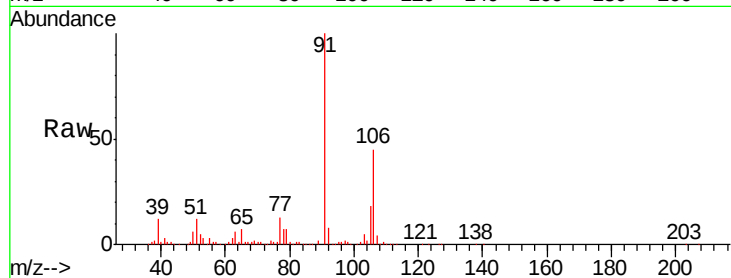




#69
o-Xylene
Concen: 70.06 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

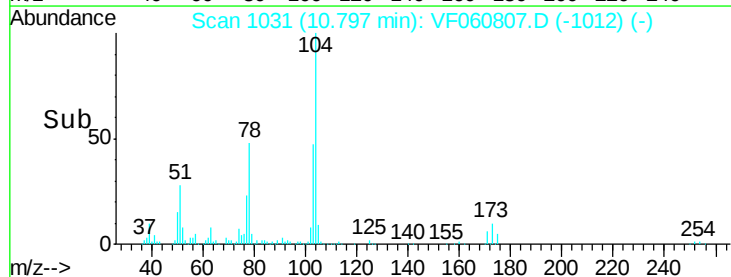
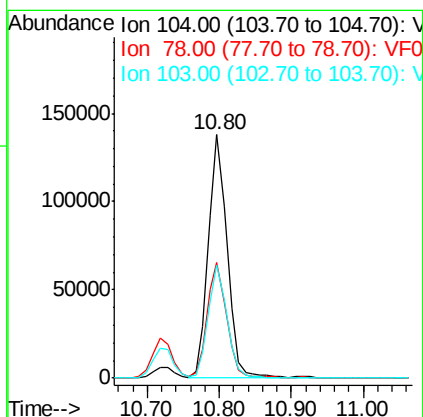
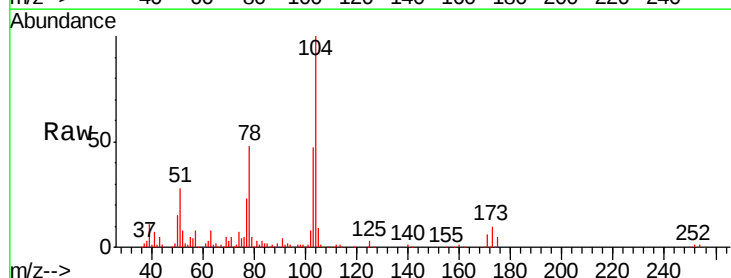
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MSD

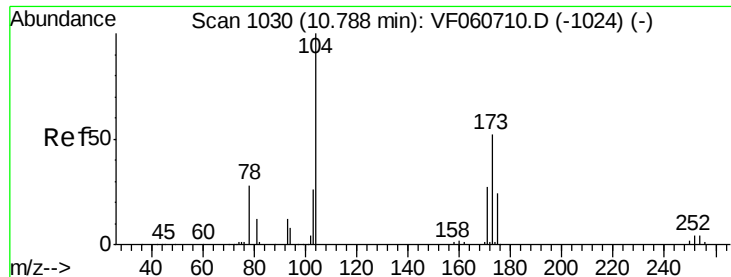
Tgt Ion:106 Resp: 281600
Ion Ratio Lower Upper
106 100
91 220.8 110.3 330.9



#70
Styrene
Concen: 45.59 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion:104 Resp: 248670
Ion Ratio Lower Upper
104 100
78 47.6 35.4 53.2
103 46.6 35.8 53.6





#71

Bromoform

Concen: 56.80 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

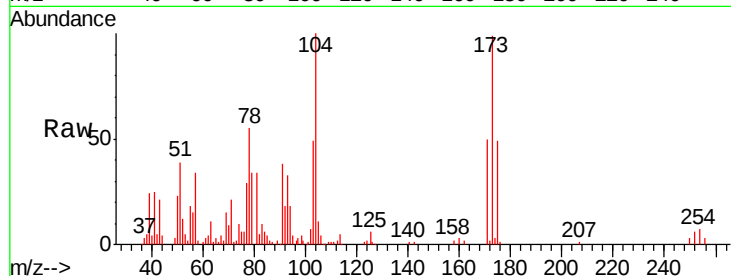
Tgt Ion:173 Resp: 59120

Ion Ratio Lower Upper

173 100

175 50.4 23.4 70.0

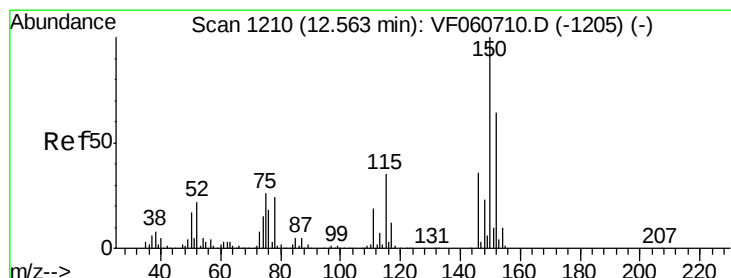
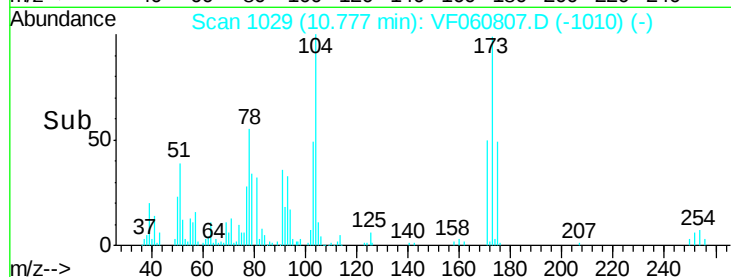
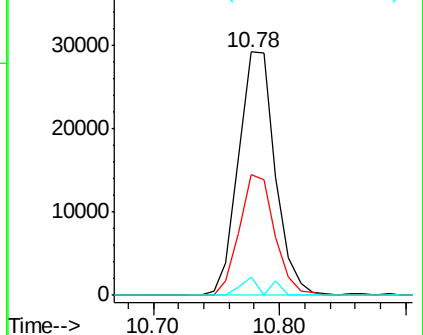
254 7.4 5.8 8.8



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

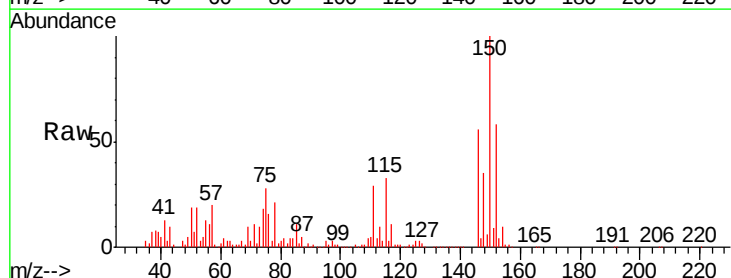
Tgt Ion:152 Resp: 119835

Ion Ratio Lower Upper

152 100

115 56.7 27.9 83.7

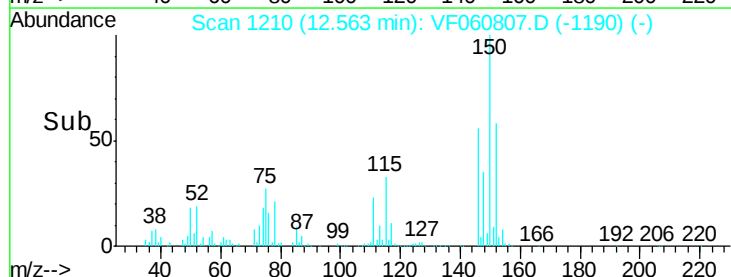
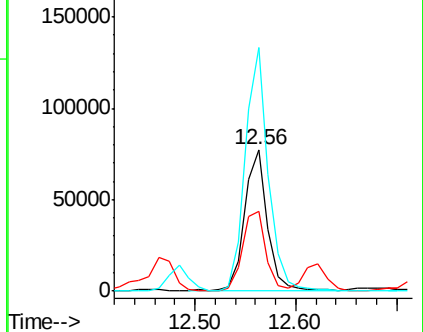
150 172.1 0.0 316.4

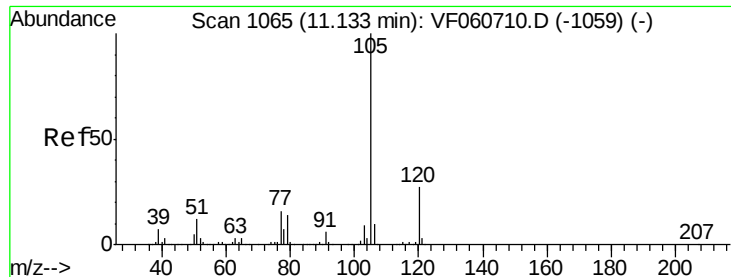


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 52.13 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

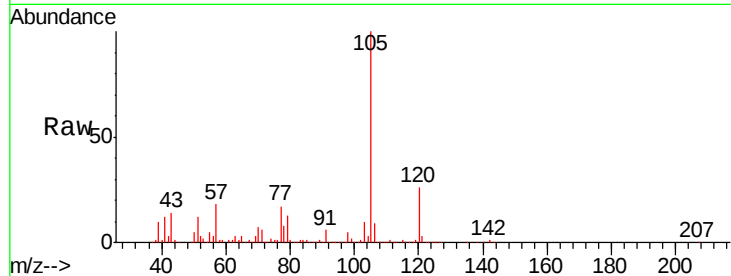
SSI-21-TW-2MSD

Tgt Ion: 105 Resp: 502844

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.13

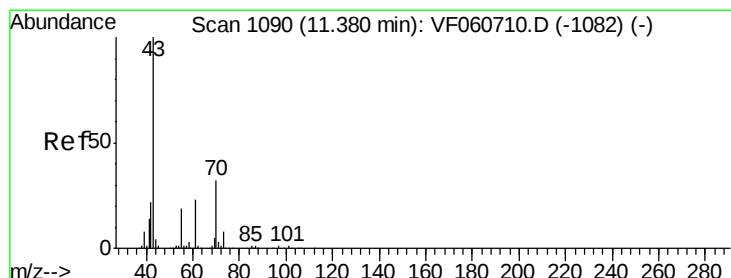
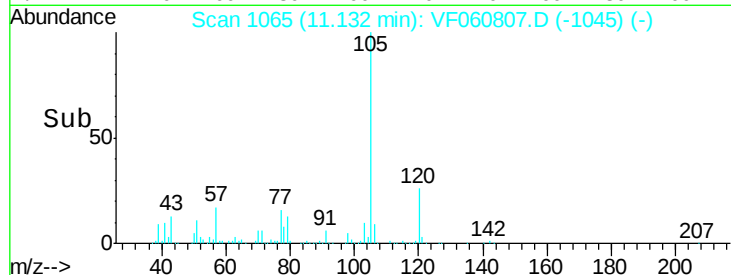
300000

200000

100000

0

Time--> 11.00 11.10 11.20



#74

N-ethyl acetate

Concen: 74.39 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Tgt Ion: 43 Resp: 163362

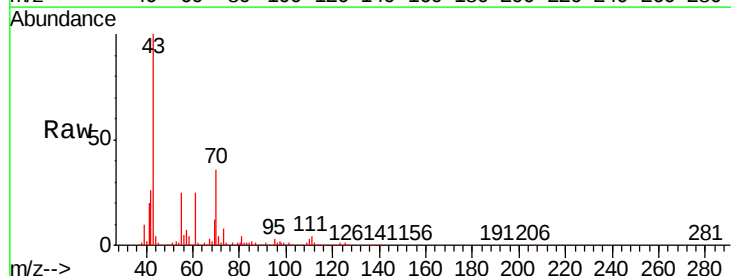
Ion Ratio Lower Upper

43 100

70 36.0 25.5 38.3

55 25.4 14.9 22.3#

61 24.9 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

11.38

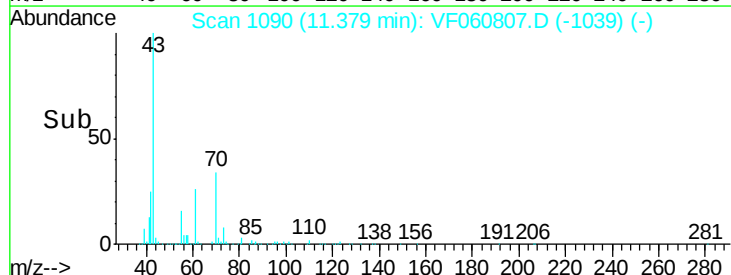
150000

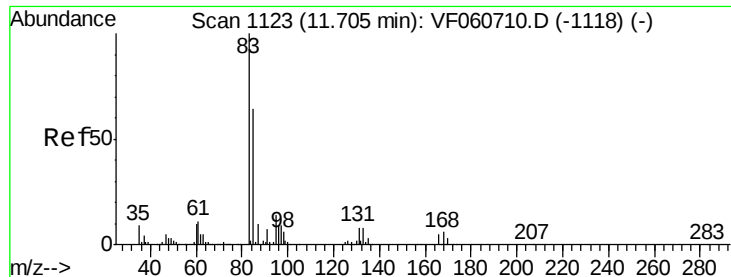
100000

50000

0

Time--> 11.30 11.35 11.40 11.45





#75

1,1,2,2-Tetrachloroethane

Concen: 67.92 ug/l

RT: 11.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

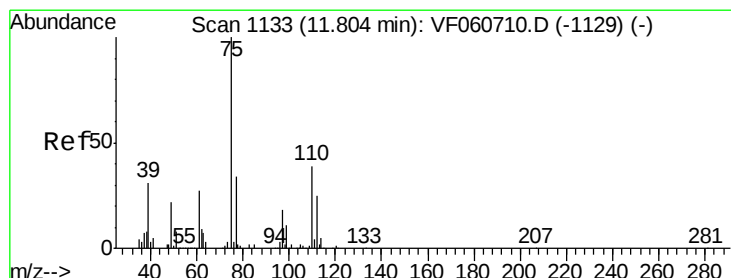
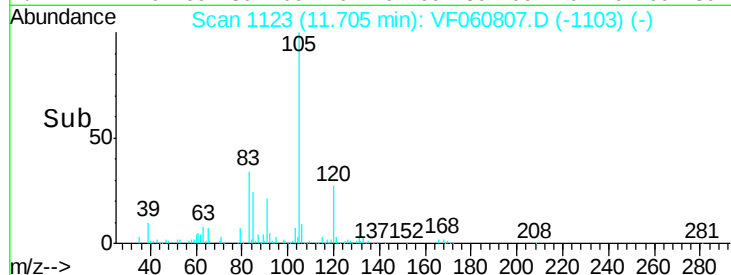
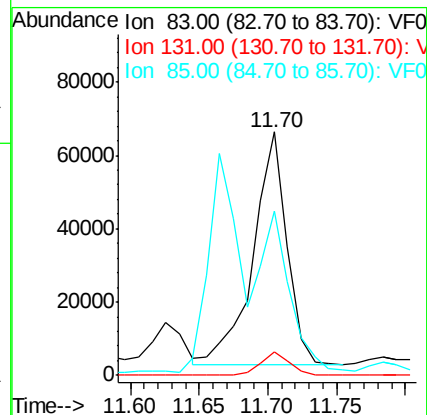
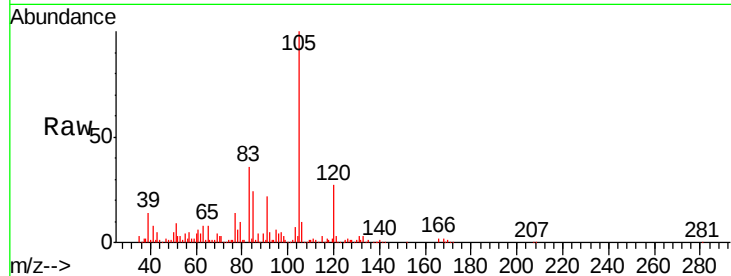
Tgt Ion: 83 Resp: 108317

Ion Ratio Lower Upper

83 100

131 9.7 4.2 12.4

85 67.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 69.50 ug/l

RT: 11.80 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VF060807.D

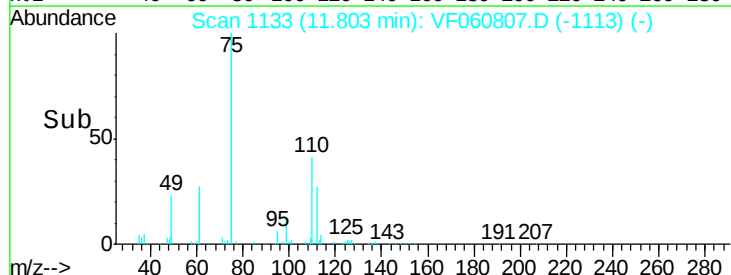
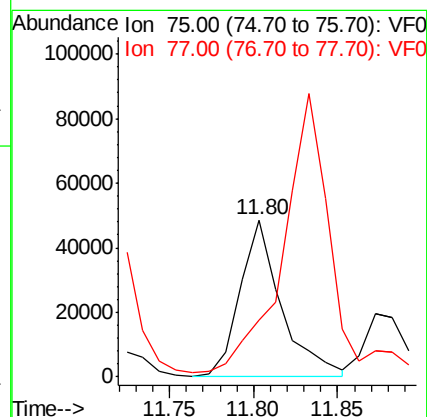
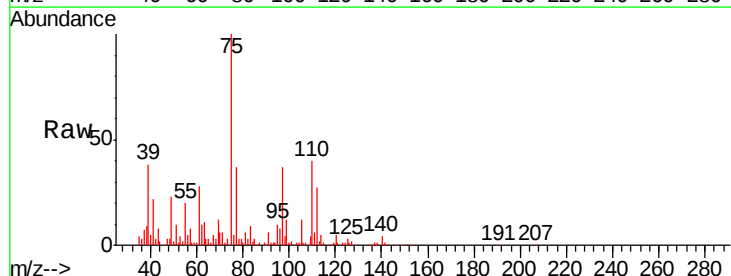
Acq: 20 Nov 2018 16:46

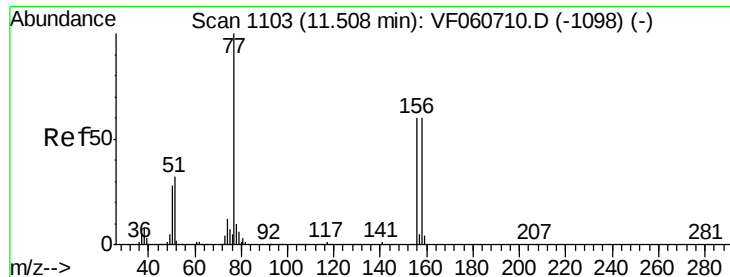
Tgt Ion: 75 Resp: 82319

Ion Ratio Lower Upper

75 100

77 36.5 17.0 51.0





#77

Bromobenzene

Concen: 55.48 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

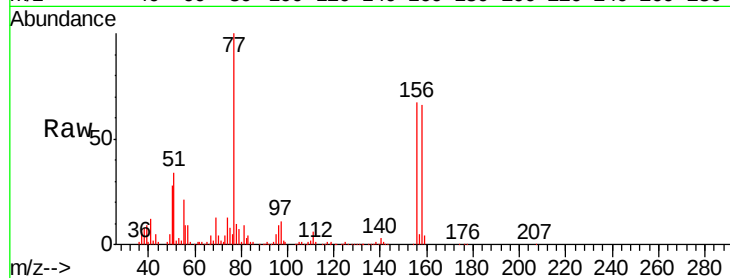
Tgt Ion: 156 Resp: 111387

Ion Ratio Lower Upper

156 100

77 149.9 83.0 248.9

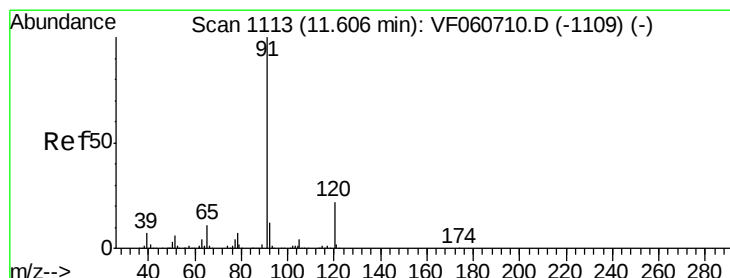
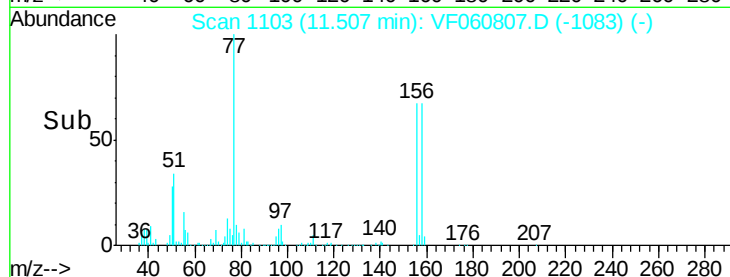
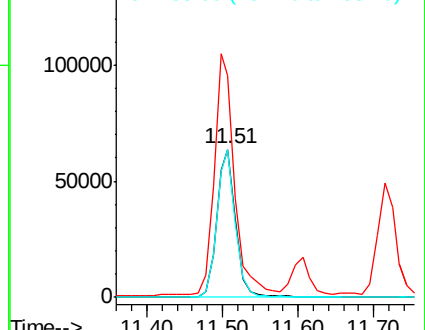
158 99.7 49.6 149.0



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: 55.86 ug/l

RT: 11.61 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF060807.D

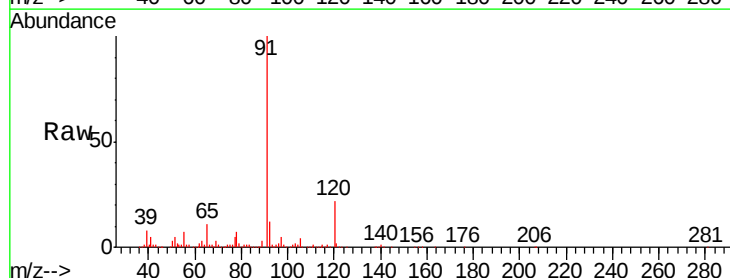
Acq: 20 Nov 2018 16:46

Tgt Ion: 91 Resp: 628438

Ion Ratio Lower Upper

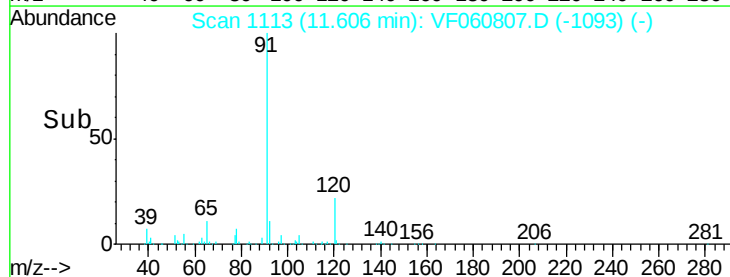
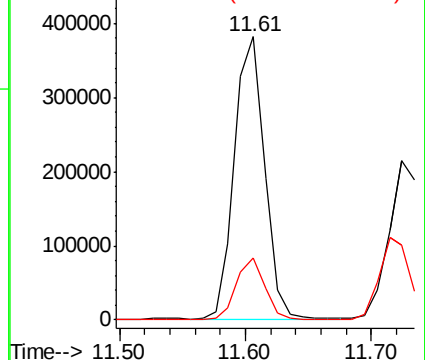
91 100

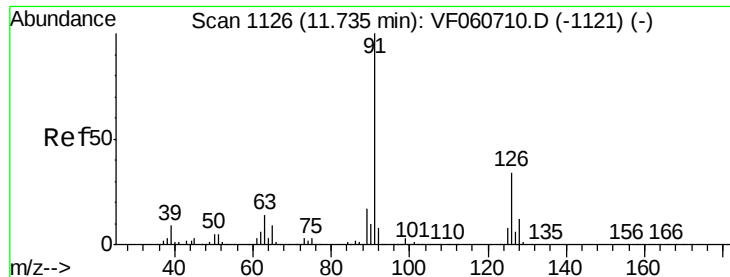
120 21.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.17 ug/l

RT: 11.72 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

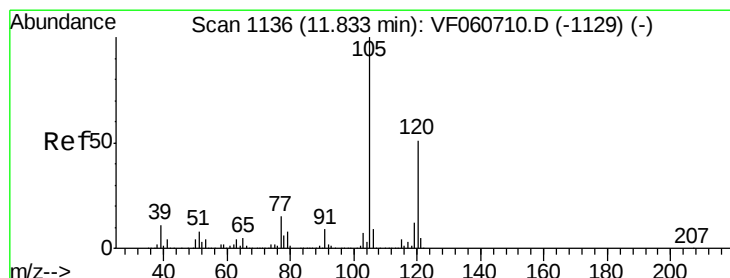
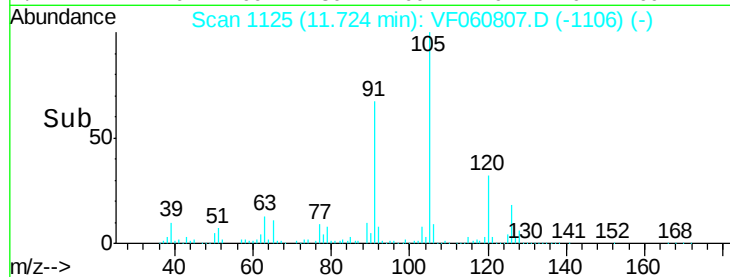
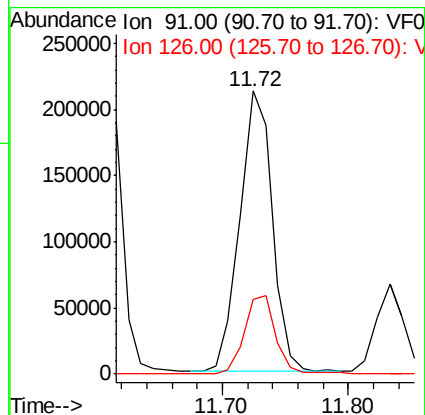
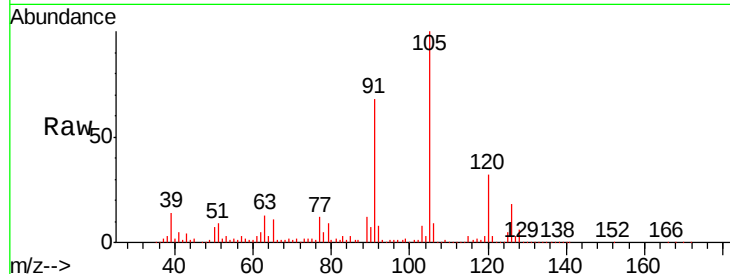
SSI-21-TW-2MSD

Tgt Ion: 91 Resp: 380331

Ion Ratio Lower Upper

91 100

126 26.2 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 121.67 ug/l

RT: 11.83 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VF060807.D

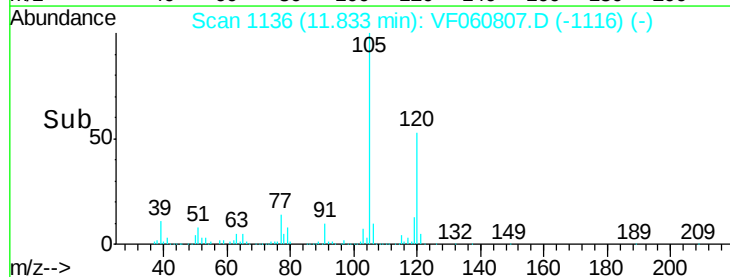
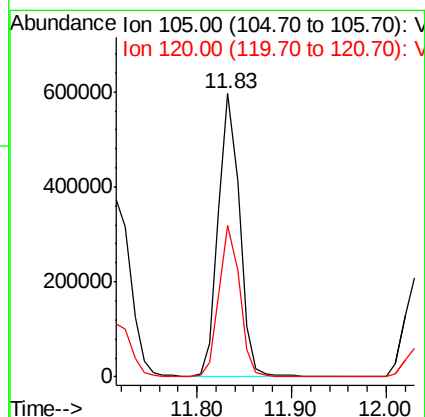
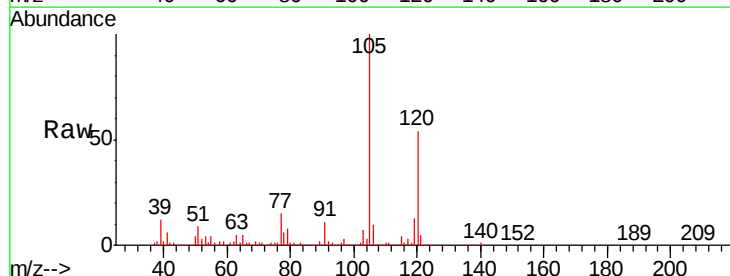
Acq: 20 Nov 2018 16:46

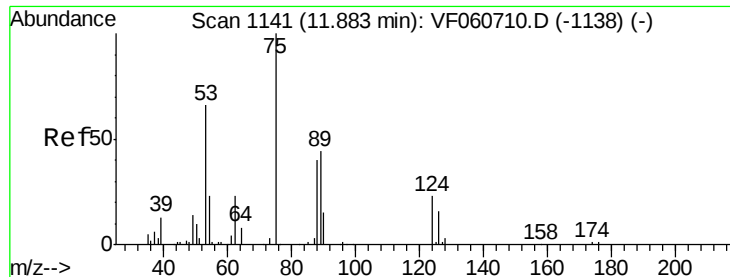
Tgt Ion: 105 Resp: 931786

Ion Ratio Lower Upper

105 100

120 53.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.83 ug/l m

RT: 11.87 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

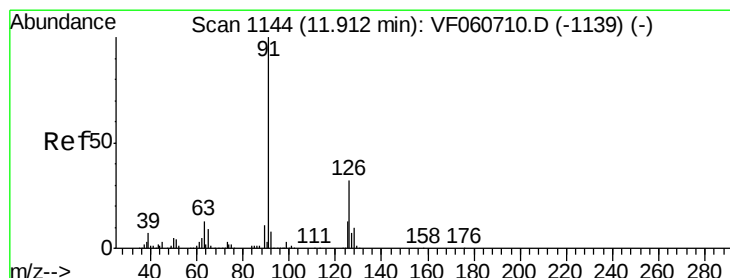
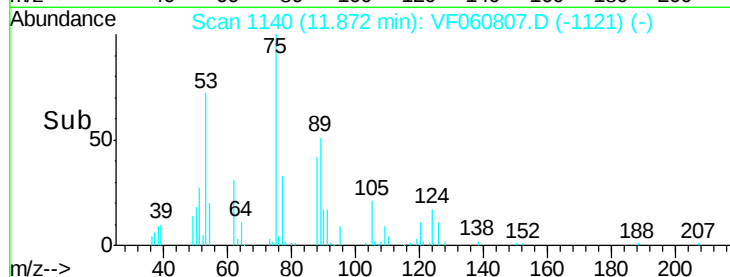
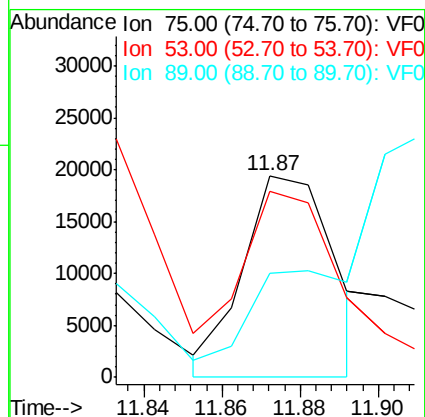
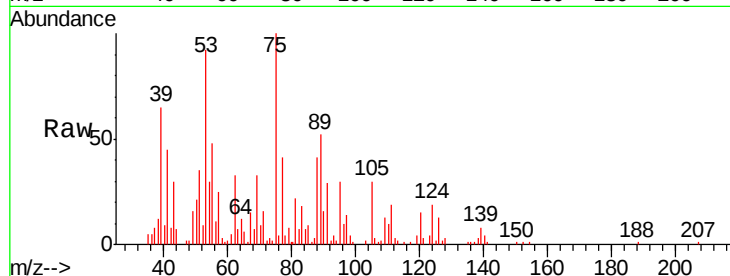
Tgt Ion: 75 Resp: 31321

Ion Ratio Lower Upper

75 100

53 92.1 57.0 85.4#

89 51.8 37.8 56.8



#82

4-Chlorotoluene

Concen: 49.76 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF060807.D

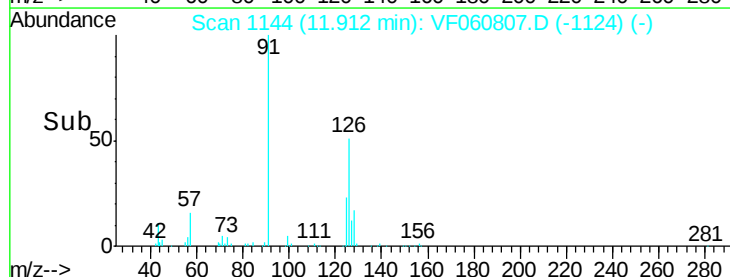
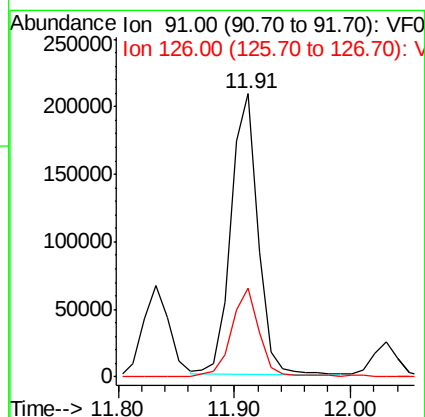
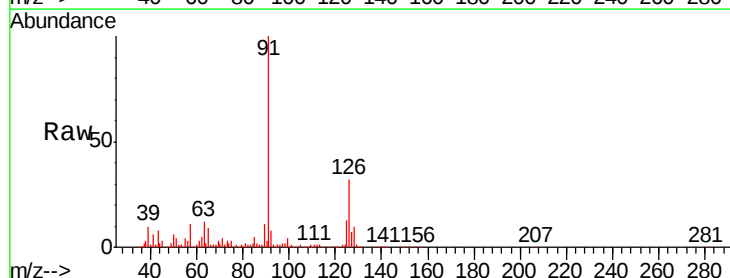
Acq: 20 Nov 2018 16:46

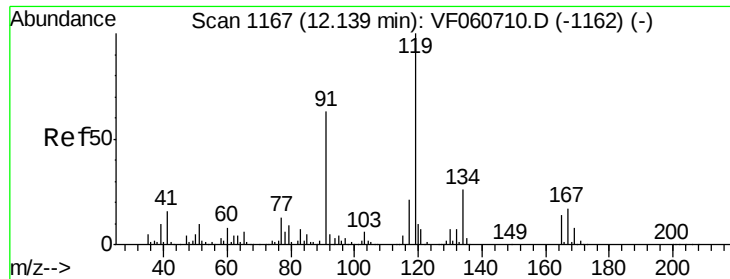
Tgt Ion: 91 Resp: 333279

Ion Ratio Lower Upper

91 100

126 31.5 16.0 47.9

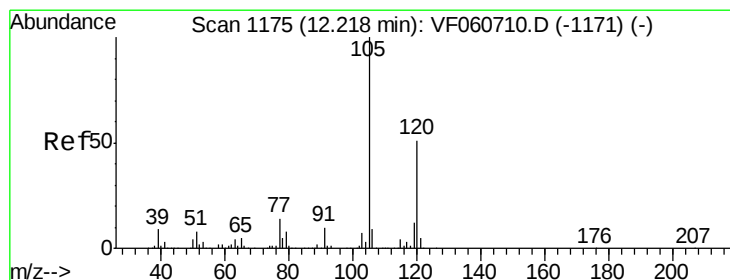
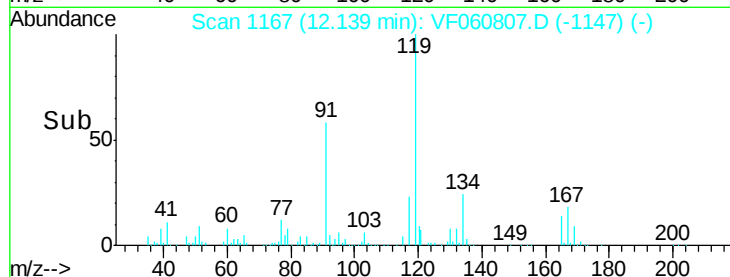
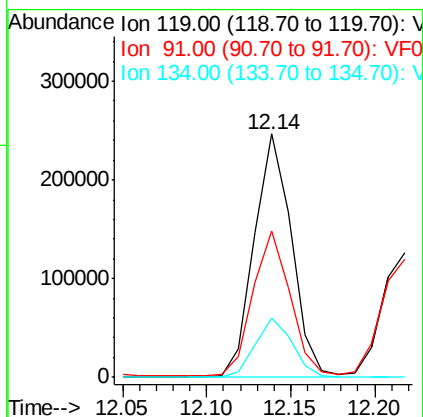
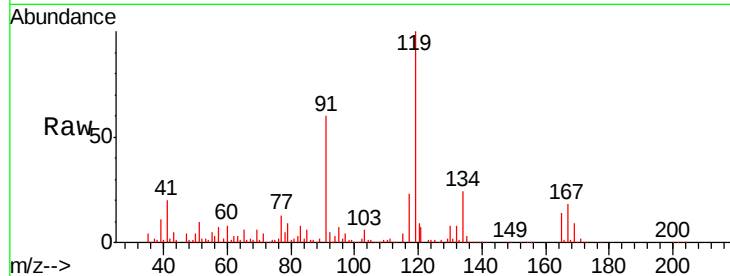




#83
 tert-Butylbenzene
 Concen: 46.92 ug/l
 RT: 12.14 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

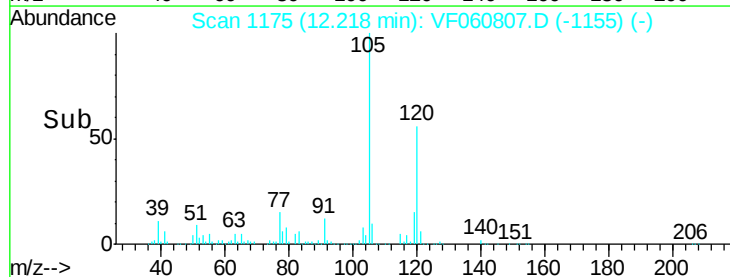
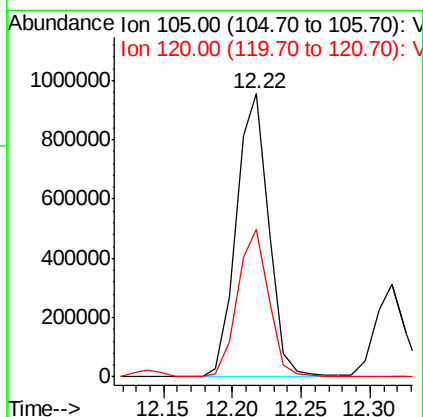
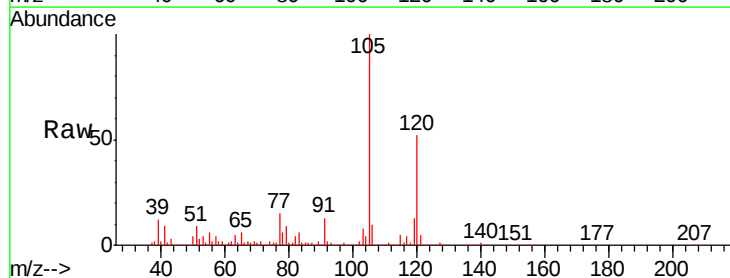
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MSD

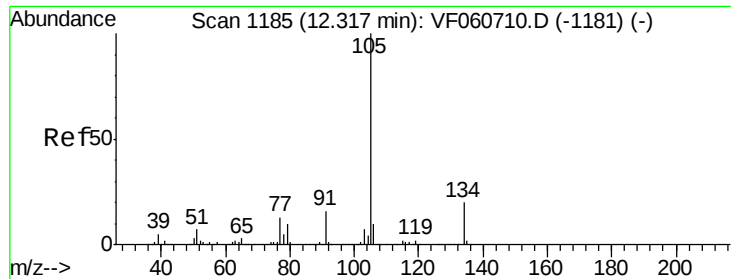
Tgt Ion:119 Resp: 381513
 Ion Ratio Lower Upper
 119 100
 91 60.1 31.4 94.3
 134 24.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 197.52 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

Tgt Ion:105 Resp: 1564370
 Ion Ratio Lower Upper
 105 100
 120 52.2 25.5 76.5

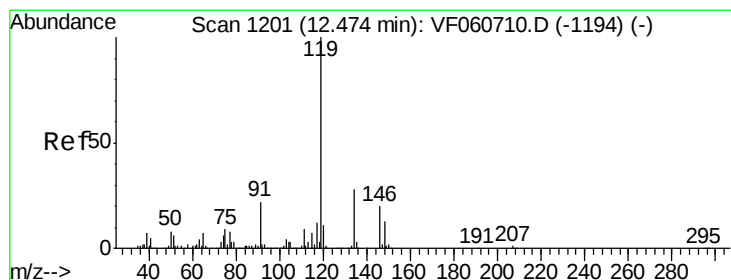
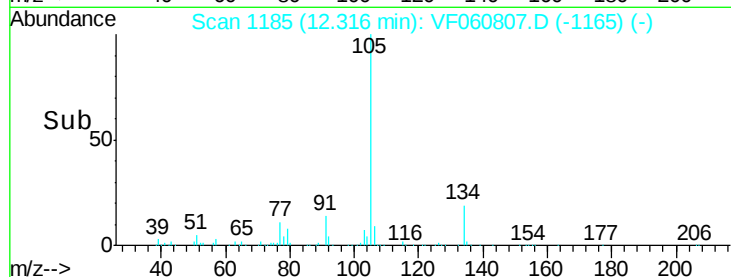
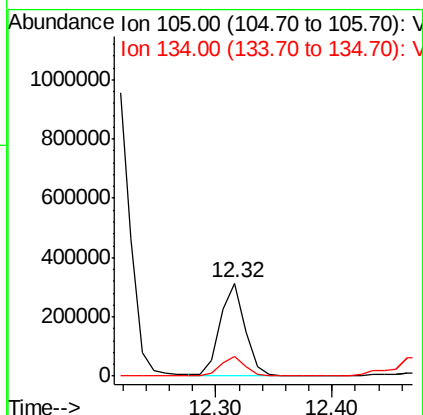
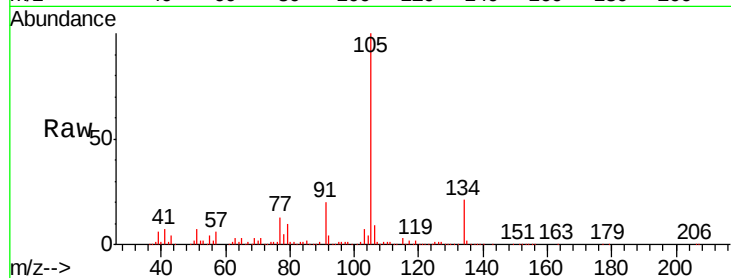




#85
 sec-Butylbenzene
 Concen: 41.82 ug/l
 RT: 12.32 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

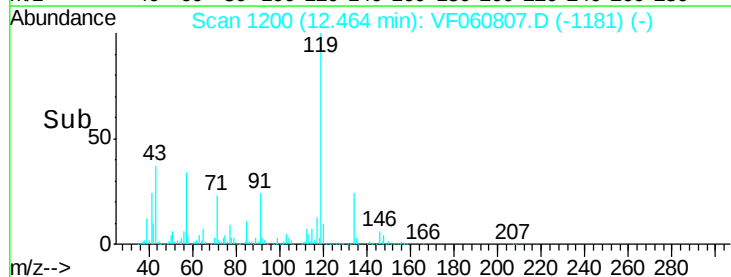
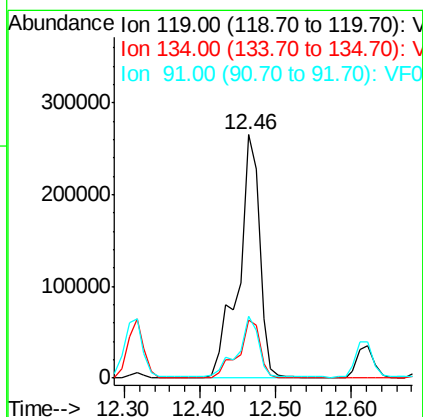
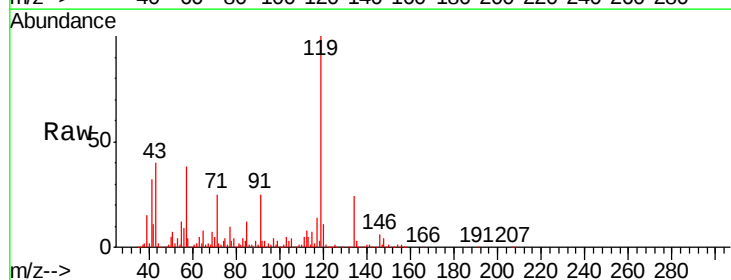
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MSD

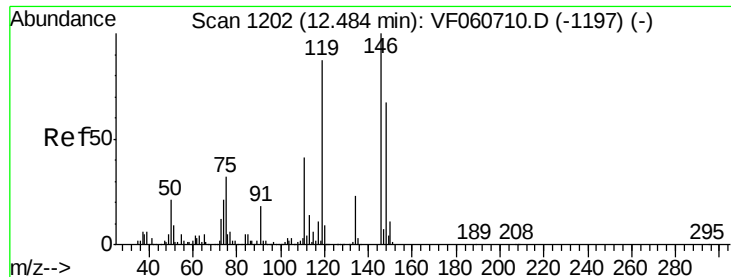
Tgt Ion:105 Resp: 461264
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 55.62 ug/l
 RT: 12.46 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

Tgt Ion:119 Resp: 512372
 Ion Ratio Lower Upper
 119 100
 134 24.0 13.9 41.7
 91 25.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.73 ug/l

RT: 12.48 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

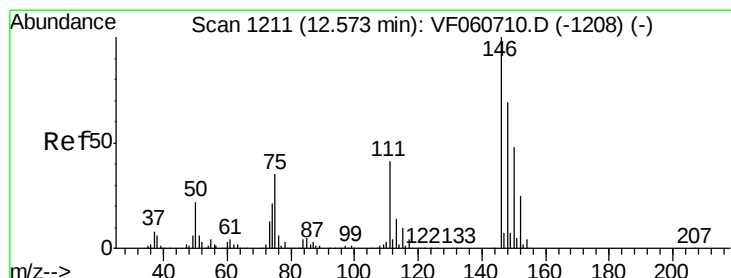
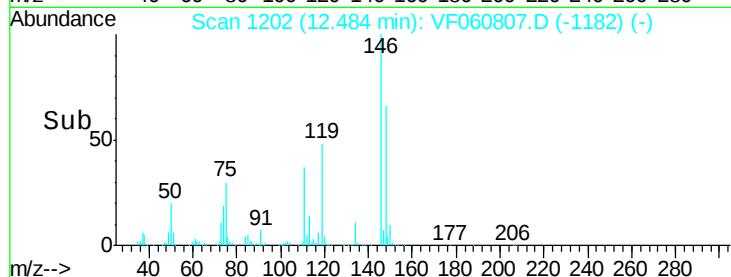
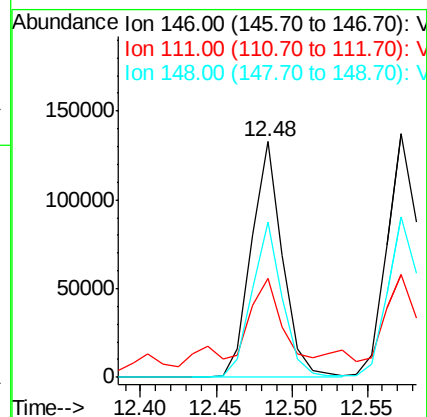
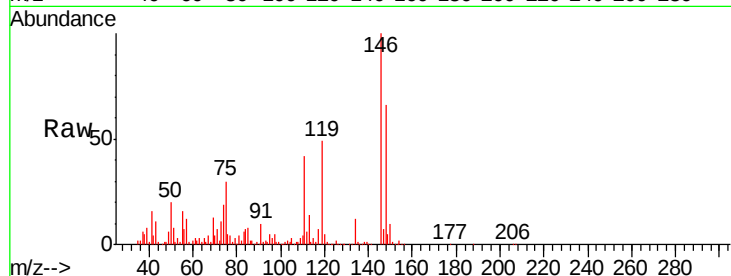
Tgt Ion:146 Resp: 190698

Ion Ratio Lower Upper

146 100

111 41.9 20.3 60.8

148 65.8 33.3 99.9



#88

1,4-Dichlorobenzene

Concen: 53.60 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

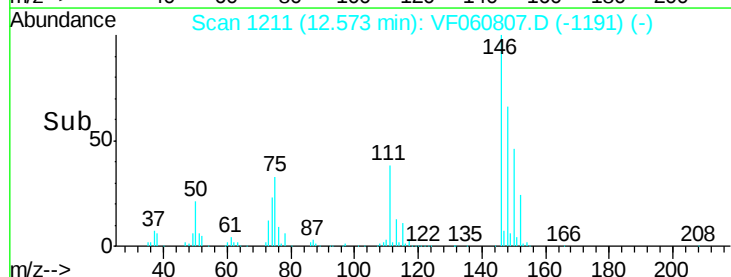
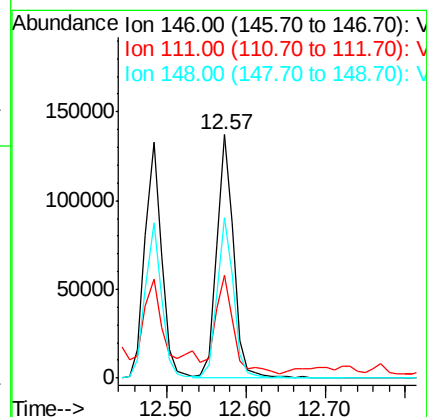
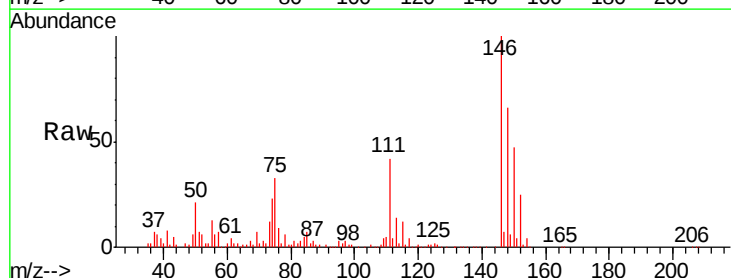
Tgt Ion:146 Resp: 205836

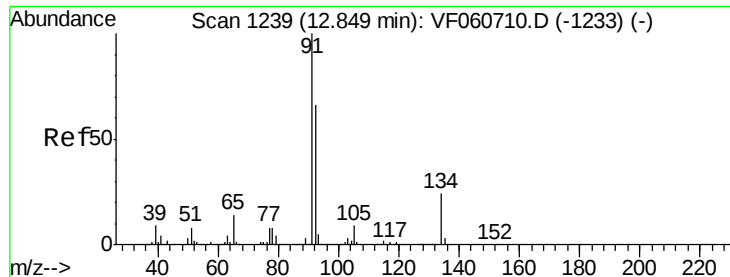
Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

148 66.1 34.7 104.1





#89

n-Butylbenzene

Concen: 46.23 ug/l

RT: 12.85 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VF060807.D

Acq: 20 Nov 2018 16:46

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MSD

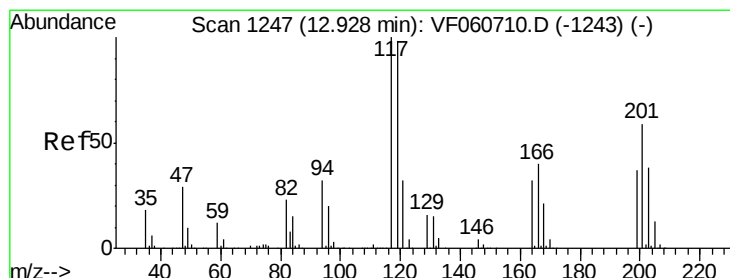
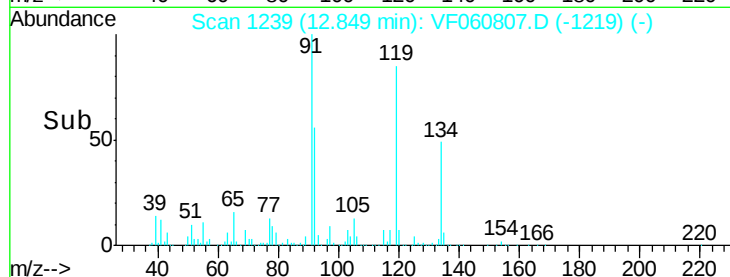
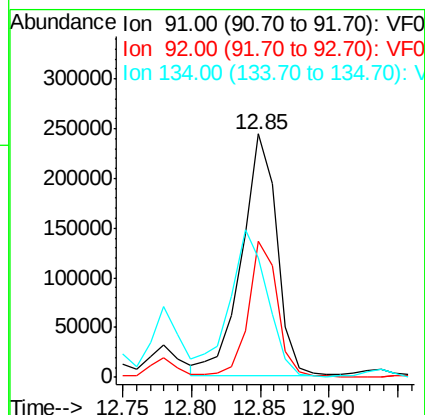
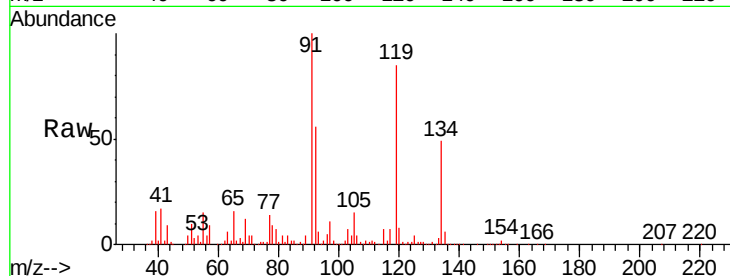
Tgt Ion: 91 Resp: 434627

Ion Ratio Lower Upper

91 100

92 55.8 33.1 99.2

134 48.9 11.9 35.9#



#90

Hexachloroethane

Concen: 37.88 ug/l

RT: 12.93 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VF060807.D

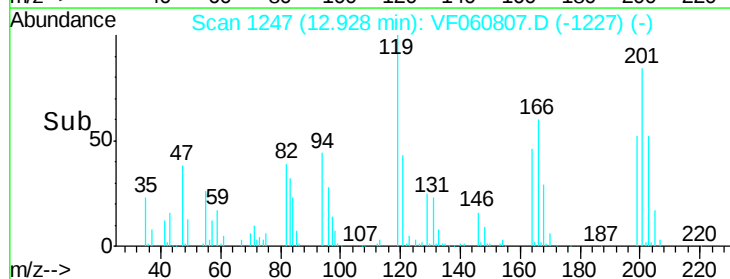
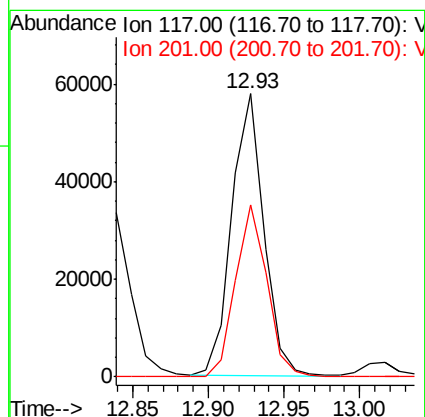
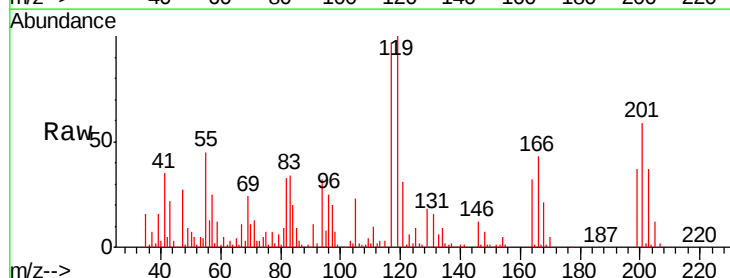
Acq: 20 Nov 2018 16:46

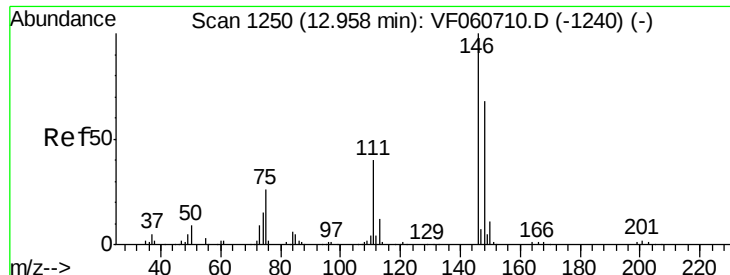
Tgt Ion: 117 Resp: 85345

Ion Ratio Lower Upper

117 100

201 60.7 29.4 88.3

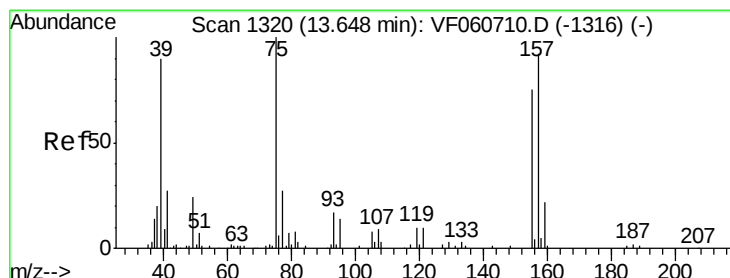
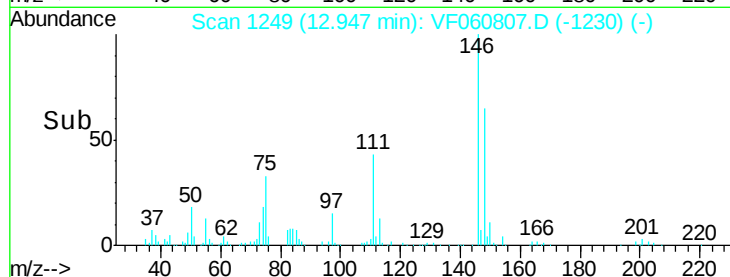
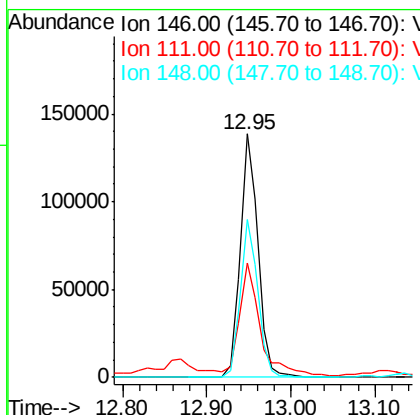
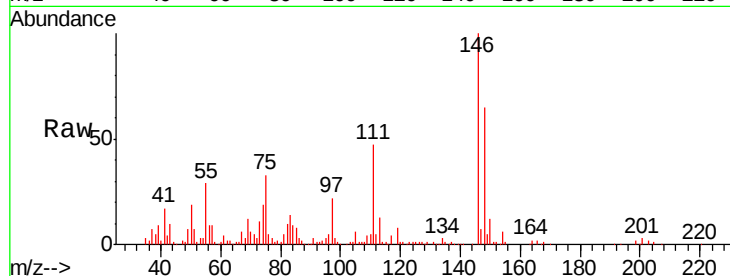




#91
 1,2-Dichlorobenzene
 Concen: 53.77 ug/l
 RT: 12.95 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

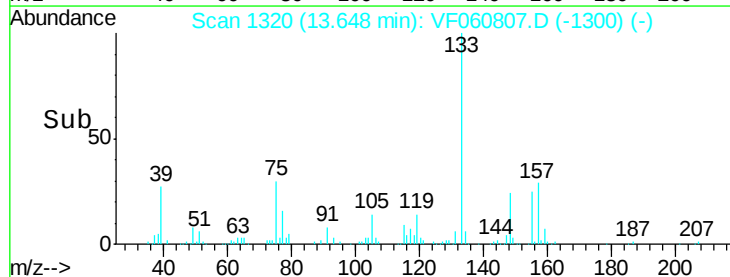
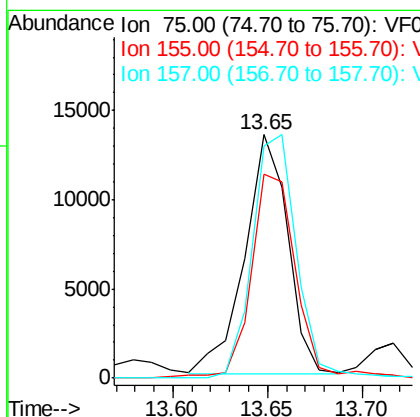
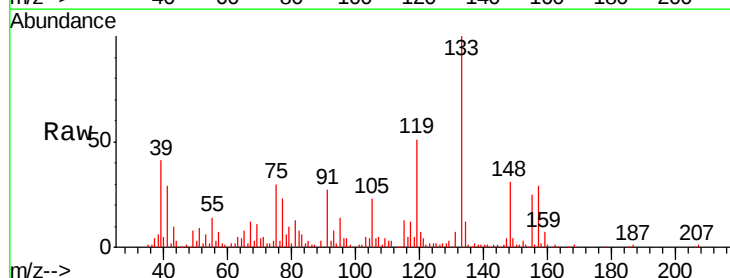
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MSD

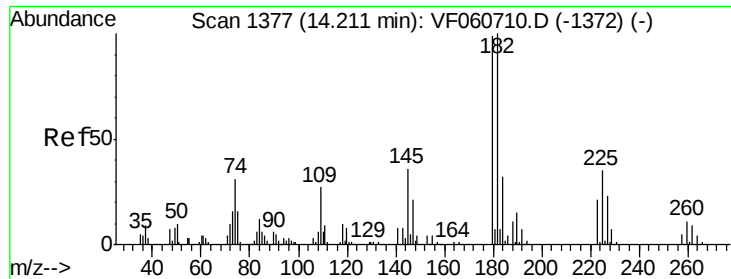
Tgt Ion:146 Resp: 202311
 Ion Ratio Lower Upper
 146 100
 111 46.8 20.3 60.8
 148 64.8 34.1 102.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 70.83 ug/l
 RT: 13.65 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

Tgt Ion: 75 Resp: 21231
 Ion Ratio Lower Upper
 75 100
 155 83.8 37.4 112.2
 157 95.3 46.0 138.0

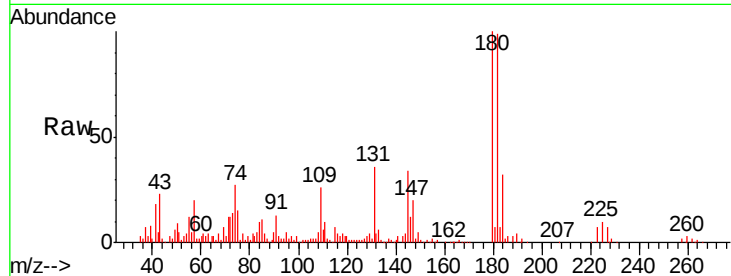




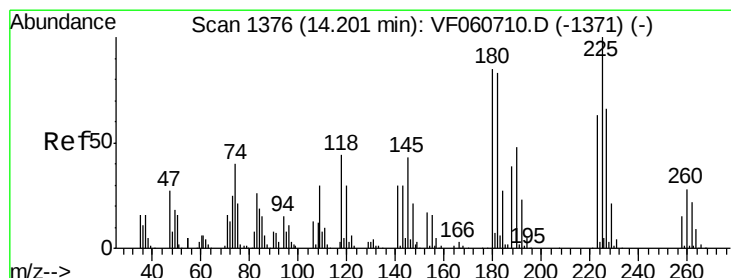
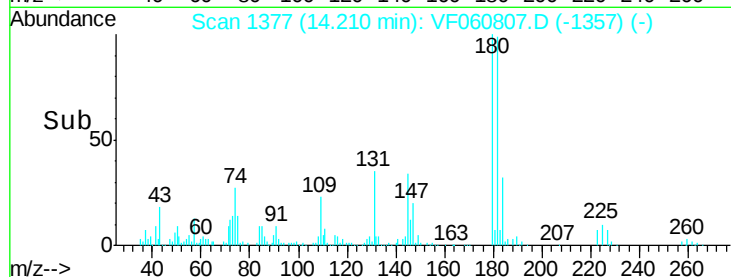
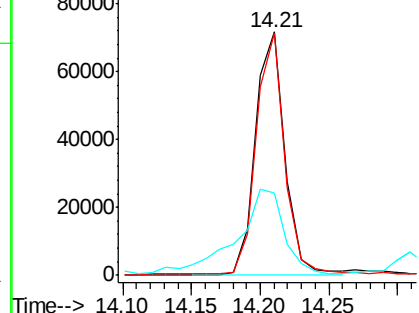
#93
 1,2,4-Trichlorobenzene
 Concen: 39.52 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	50.3	151.0
145	33.8	18.3	54.9

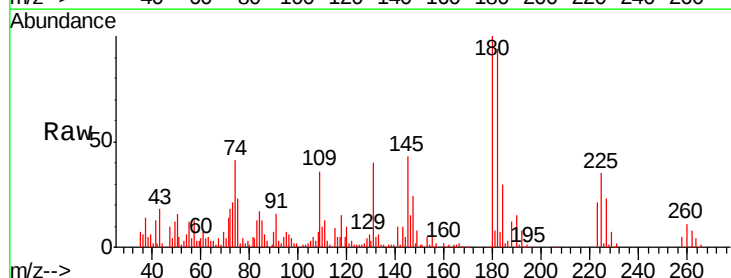


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

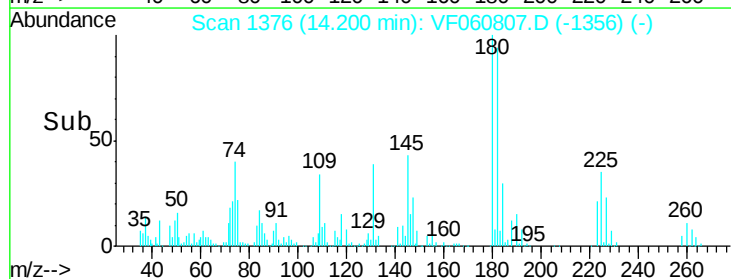
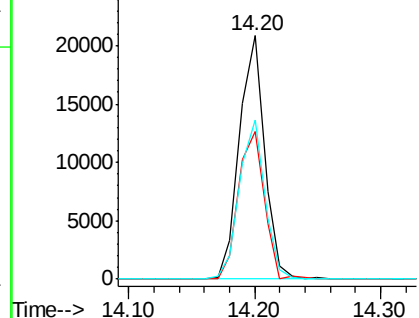


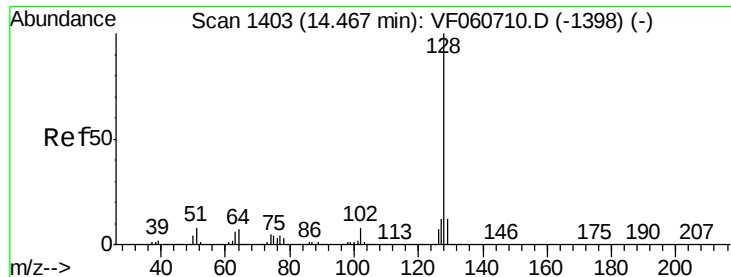
#94
 Hexachlorobutadiene
 Concen: 16.27 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VF060807.D
 Acq: 20 Nov 2018 16:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	31.5	94.5
227	65.5	33.0	99.0



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

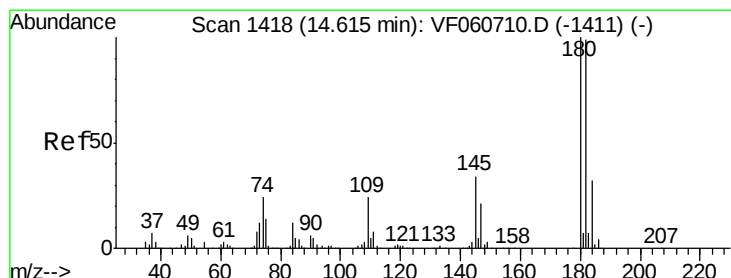
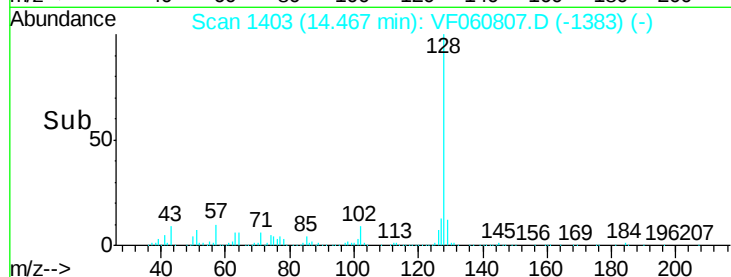
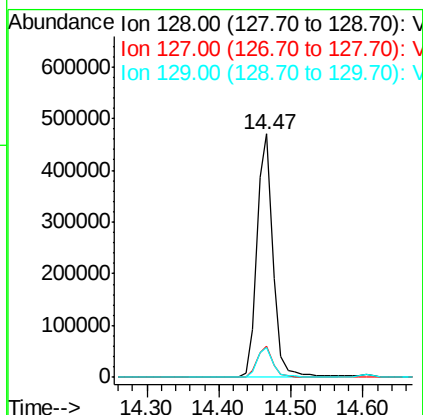
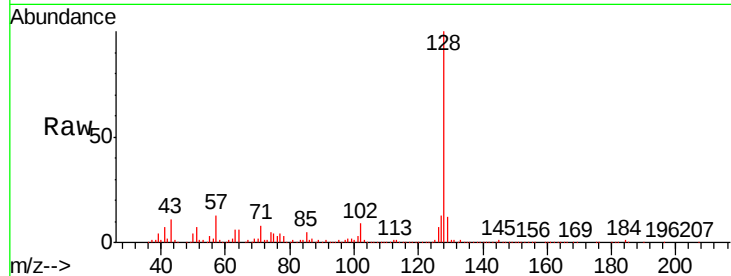




#95
Naphthalene
Concen: 147.71 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. -0.00 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

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

Tgt Ion:128 Resp: 728841
Ion Ratio Lower Upper
128 100
127 13.0 9.8 14.6
129 12.1 9.3 13.9



#96
1,2,3-Trichlorobenzene
Concen: 40.92 ug/l
RT: 14.61 min Scan# 1418
Delta R.T. -0.00 min
Lab File: VF060807.D
Acq: 20 Nov 2018 16:46

Tgt Ion:180 Resp: 102244
Ion Ratio Lower Upper
180 100
182 97.0 49.6 149.0
145 36.3 16.9 50.7

