

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060791.D
 Acq On : 19 Nov 2018 22:24
 Operator : VA/AP
 Sample : J5950-09MSD
 Misc : 6.54g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 20 02:21:03 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	4.87	168	168446	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	283193	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.78	117	251105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	114284	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	90188	46.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.88%	
35) Dibromofluoromethane	4.12	113	102838	48.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.62%	
50) Toluene-d8	7.56	98	293231	53.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.94%	
62) 4-Bromofluorobenzene	11.42	95	134146	53.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	138501	45.944	ug/l	98
3) Chloromethane	1.10	50	97741	52.280	ug/l	94
4) Vinyl Chloride	1.14	62	90376	54.038	ug/l	94
5) Bromomethane	1.32	94	57079	53.728	ug/l	96
6) Chloroethane	1.37	64	39081	59.725	ug/l	96
7) Trichlorofluoromethane	1.49	101	192692	52.102	ug/l	95
8) Diethyl Ether	1.63	74	24330	51.345	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	1.82	101	92094	52.842	ug/l	99
10) Methyl Iodide	1.89	142	149726	53.545	ug/l	96
11) Tert butyl alcohol	2.57	59	21973	251.289	ug/l	97
12) 1,1-Dichloroethene	1.78	96	78079	56.816	ug/l	98
13) Acrolein	2.00	56	14517	181.572	ug/l	99
14) Allyl chloride	2.10	41	130924	54.382	ug/l	91
15) Acrylonitrile	2.95	53	48321	259.338	ug/l	97
16) Acetone	2.24	43	107239	261.132	ug/l	93
17) Carbon Disulfide	1.83	76	227192	54.699	ug/l	99
18) Methyl Acetate	2.34	43	37907	56.214	ug/l	94
19) Methyl tert-butyl Ether	2.43	73	169605	51.445	ug/l	93
20) Methylene Chloride	2.19	84	37383	26.017	ug/l	97
21) trans-1,2-Dichloroethene	2.32	96	82909	57.745	ug/l	94
22) Diisopropyl ether	2.81	45	243761	52.444	ug/l	98
23) Vinyl Acetate	3.19	43	509133	232.614	ug/l	98
24) 1,1-Dichloroethane	2.88	63	157656	56.026	ug/l	100
25) 2-Butanone	4.34	43	173425	256.742	ug/l	99
26) 2,2-Dichloropropane	3.61	77	101358	45.772	ug/l	98
27) cis-1,2-Dichloroethene	3.48	96	130976	53.625	ug/l	98
28) Bromochloromethane	3.73	49	74838	51.174	ug/l	98
29) Tetrahydrofuran	4.08	42	66680	239.318	ug/l	95
30) Chloroform	3.86	83	226997	50.277	ug/l	99
31) Cyclohexane	3.71	56	152754	44.726	ug/l	95
32) 1,1,1-Trichloroethane	4.10	97	179912	50.602	ug/l	99
36) 1,1-Dichloropropene	4.29	75	174504	53.132	ug/l	98
37) Ethyl Acetate	4.11	43	59688	48.882	ug/l	96
38) Carbon Tetrachloride	4.00	117	187287	58.769	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	135254	35.497	ug/l	94
40) Benzene	4.64	78	395601	54.035	ug/l	97
41) Methacrylonitrile	4.75	41	41244	64.619	ug/l #	90
42) 1,2-Dichloroethane	4.95	62	129760	51.288	ug/l	100
43) Isopropyl Acetate	6.96	43	79768	49.271	ug/l #	95
44) Trichloroethene	5.51	130	118209	51.175	ug/l	94
45) 1,2-Dichloropropane	6.24	63	100887	52.955	ug/l	96
46) Dibromomethane	6.09	93	65554	52.126	ug/l	90
47) Bromodichloromethane	6.39	83	161591	50.318	ug/l	95
48) Methyl methacrylate	6.72	41	52069	48.596	ug/l	99
49) 1,4-Dioxane	6.71	88	9883	986.257	ug/l	95
51) 4-Methyl-2-Pentanone	8.26	43	302767	258.573	ug/l	99
52) Toluene	7.63	92	251622	51.287	ug/l	97
53) t-1,3-Dichloropropene	8.28	75	121974	47.421	ug/l	97
54) cis-1,3-Dichloropropene	7.31	75	156667	46.891	ug/l	99
55) 1,1,2-Trichloroethane	8.50	97	67943	48.469	ug/l	96
56) Ethyl methacrylate	8.63	69	111425	69.990	ug/l	94
57) 1,3-Dichloropropane	8.86	76	119621	49.239	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.63	63	39553	271.975	ug/l	100
59) 2-Hexanone	9.50	43	202624	246.237	ug/l	97
60) Dibromochloromethane	8.72	129	97930	49.019	ug/l	94
61) 1,2-Dibromoethane	8.99	107	73855	50.097	ug/l	97
64) Tetrachloroethene	8.15	164	106237	53.426	ug/l	96
65) Chlorobenzene	9.80	112	260516	51.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.94	131	110679	50.079	ug/l	97
67) Ethyl Benzene	9.91	91	610282	63.896	ug/l	99
68) m/p-Xylenes	10.14	106	545326	159.763	ug/l	99
69) o-Xylene	10.72	106	275699	71.842	ug/l	99
70) Styrene	10.80	104	248542	47.722	ug/l	96
71) Bromoform	10.78	173	47953	48.250	ug/l	93
73) Isopropylbenzene	11.13	105	512148	55.674	ug/l	99
74) N-amyl acetate	11.38	43	135145	64.534	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.71	83	92949	61.115	ug/l	92
76) 1,2,3-Trichloropropane	11.80	75	66568	58.934	ug/l	86
77) Bromobenzene	11.50	156	105348	55.017	ug/l	94
78) n-propylbenzene	11.60	91	665955	62.072	ug/l	96
79) 2-Chlorotoluene	11.73	91	390105	62.561	ug/l	88
80) 1,3,5-Trimethylbenzene	11.83	105	1022703	140.034	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.87	75	34522	62.211	ug/l #	83
82) 4-Chlorotoluene	11.90	91	332162	51.997	ug/l	97
83) tert-Butylbenzene	12.14	119	387535	49.976	ug/l	98
84) 1,2,4-Trimethylbenzene	12.21	105	1653284	218.886	ug/l	99
85) sec-Butylbenzene	12.31	105	470725	44.750	ug/l	99
86) p-Isopropyltoluene	12.47	119	595920	67.831	ug/l	95
87) 1,3-Dichlorobenzene	12.49	146	198625	52.124	ug/l	98
88) 1,4-Dichlorobenzene	12.57	146	194393	53.079	ug/l	96
89) n-Butylbenzene	12.85	91	489270	54.572	ug/l #	80
90) Hexachloroethane	12.92	117	84494	39.321	ug/l	91
91) 1,2-Dichlorobenzene	12.95	146	187262	52.192	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.65	75	15330	53.629	ug/l	90

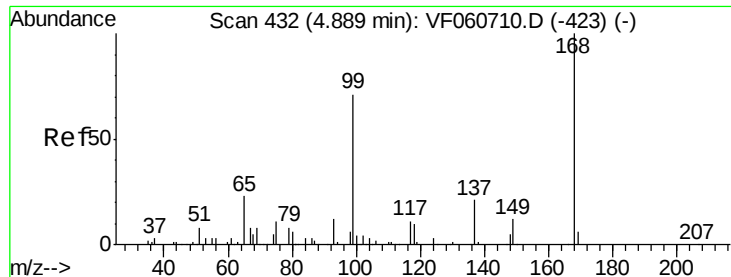
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	105182	40.786	ug/l	94
94) Hexachlorobutadiene	14.19	225	26483	15.715	ug/l	98
95) Naphthalene	14.46	128	620805	131.930	ug/l	100
96) 1,2,3-Trichlorobenzene	14.61	180	93558	39.261	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

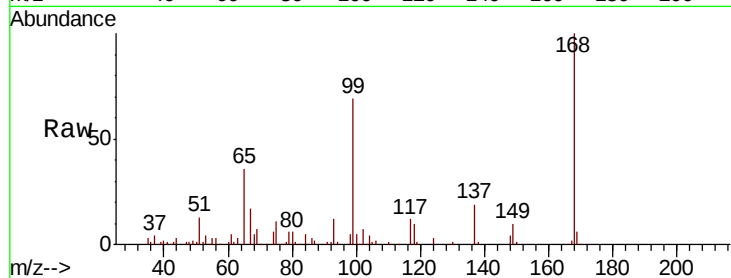
SSI-21-TW-2MS

Tot Ion:168 Resp: 168446

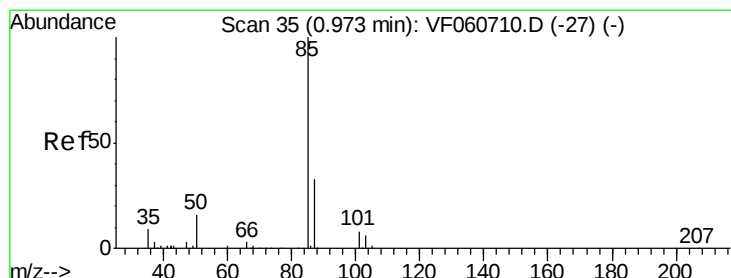
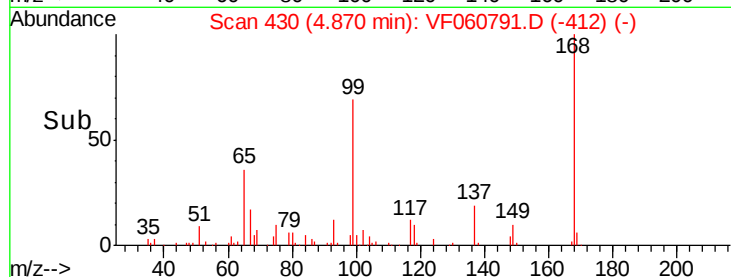
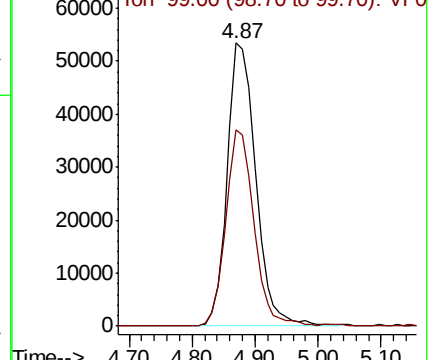
Ion Ratio Lower Upper

168 100

99 69.2 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 45.944 ug/l

RT: 0.96 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF060791.D

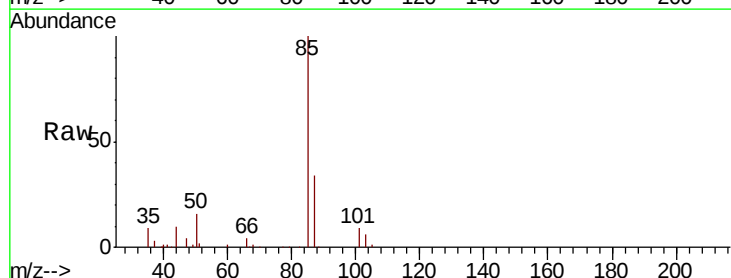
Acq: 19 Nov 2018 22:24

Tgt Ion: 85 Resp: 138501

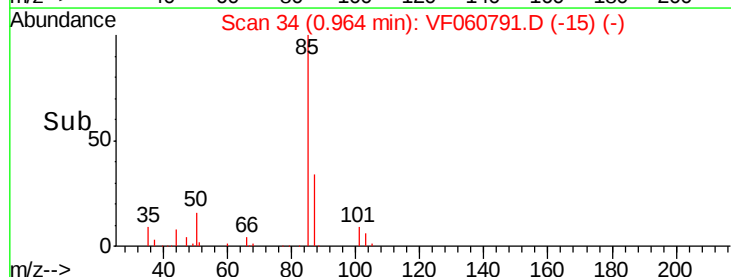
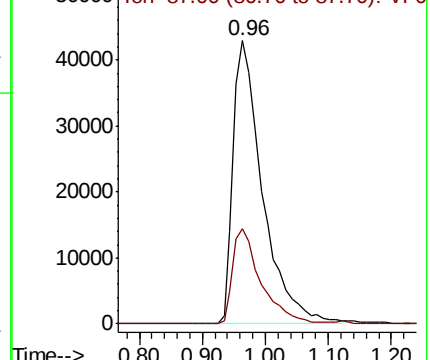
Ion Ratio Lower Upper

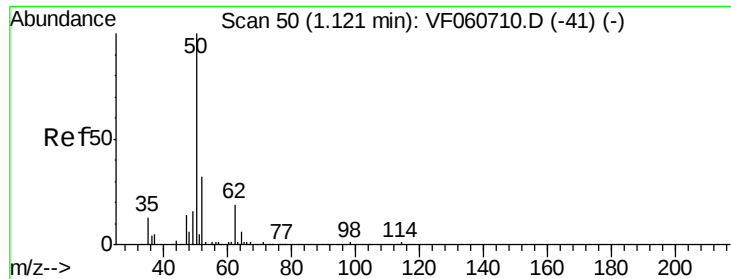
85 100

87 33.6 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 52.280 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

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ClientSampleId :

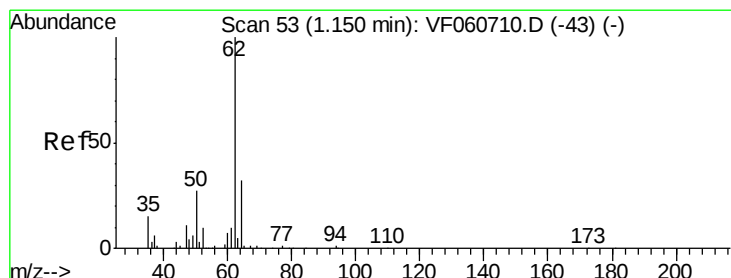
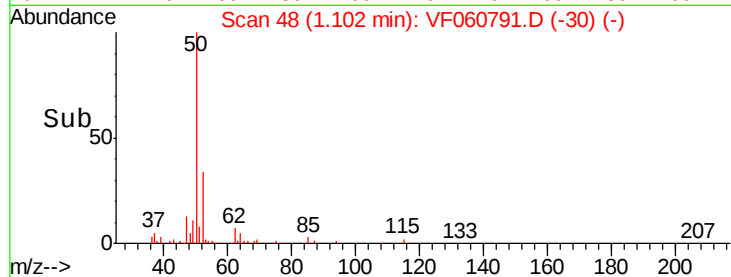
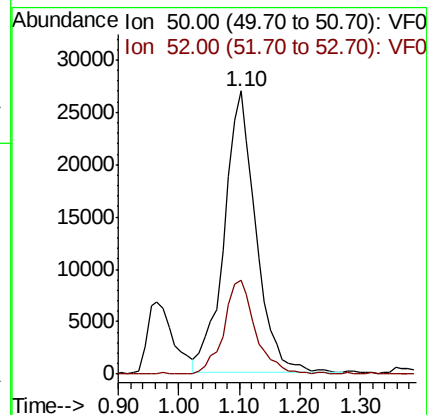
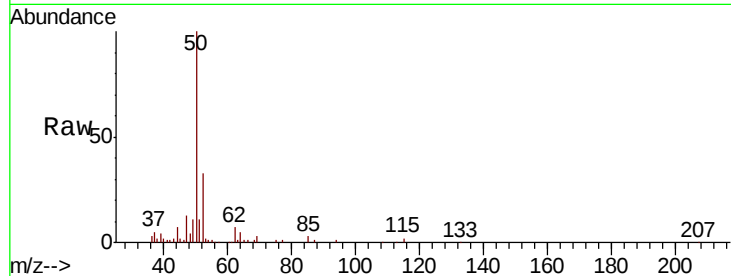
SSI-21-TW-2MS

Tot Ion: 50 Resp: 97741

Ion Ratio Lower Upper

50 100

52 33.4 24.2 36.2



#4

Vinyl Chloride

Concen: 54.038 ug/l

RT: 1.14 min Scan# 52

Delta R.T. -0.01 min

Lab File: VF060791.D

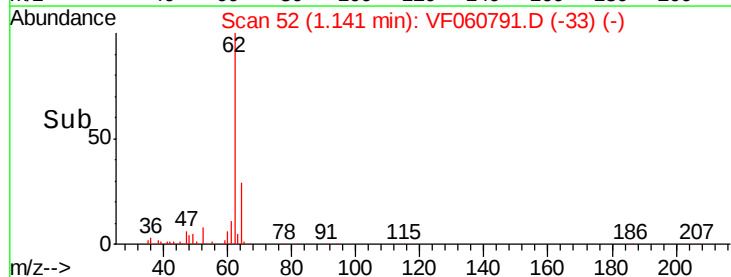
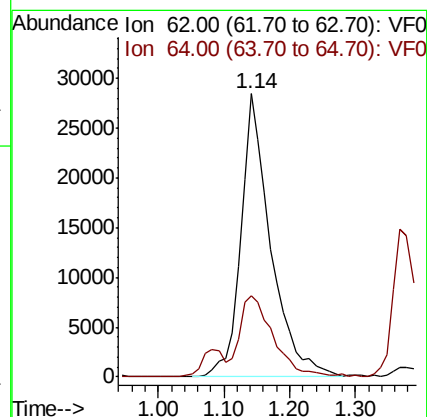
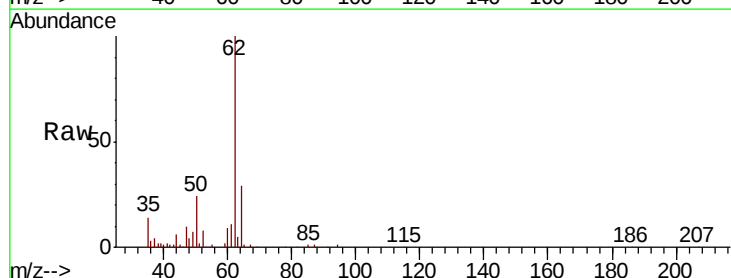
Acq: 19 Nov 2018 22:24

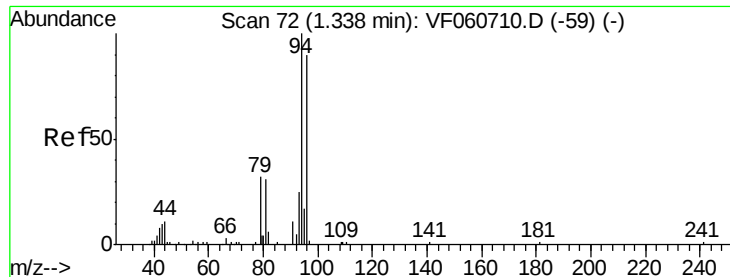
Tgt Ion: 62 Resp: 90376

Ion Ratio Lower Upper

62 100

64 28.8 25.8 38.8





#5

Bromomethane

Concen: 53.728 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

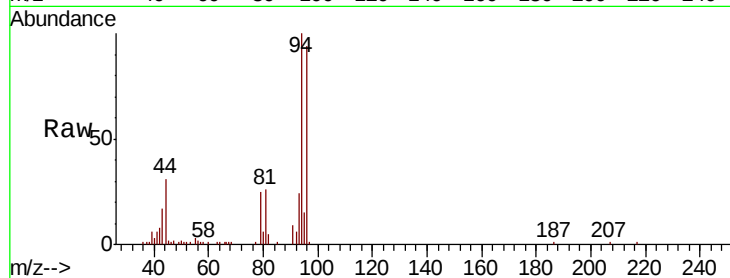
SSI-21-TW-2MS

Tot Ion: 94 Resp: 57079

Ion Ratio Lower Upper

94 100

96 93.9 71.9 107.9



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

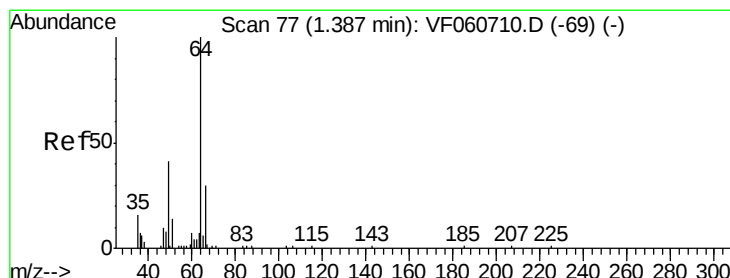
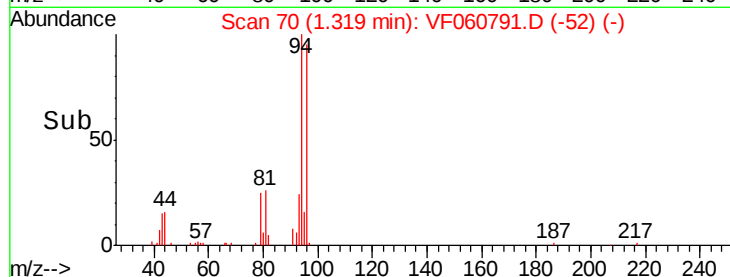
1.32

10000

5000

0

Time-->



#6

Chloroethane

Concen: 59.725 ug/l

RT: 1.37 min Scan# 75

Delta R.T. -0.02 min

Lab File: VF060791.D

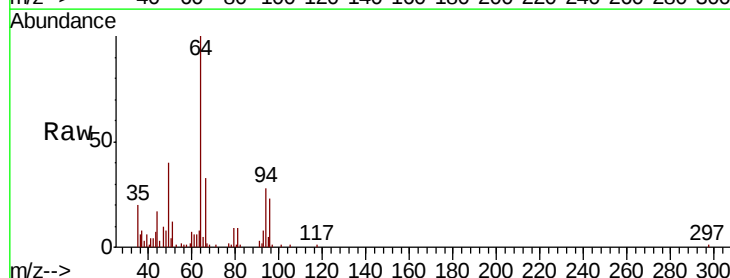
Acq: 19 Nov 2018 22:24

Tgt Ion: 64 Resp: 39081

Ion Ratio Lower Upper

64 100

66 33.3 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

1.37

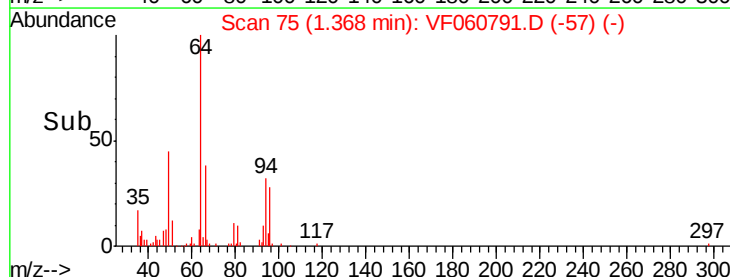
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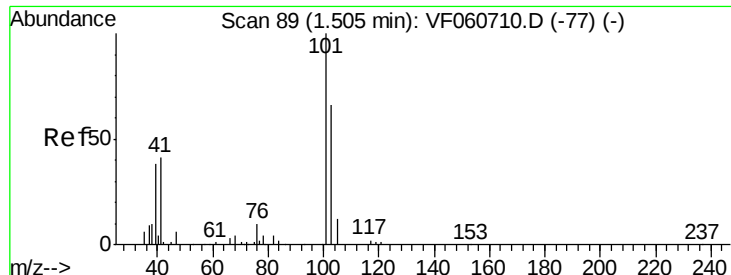
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5000

0

Time-->





#7

Trichlorofluoromethane

Concen: 52.102 ug/l

RT: 1.49 min Scan# 87

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

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ClientSampleId :

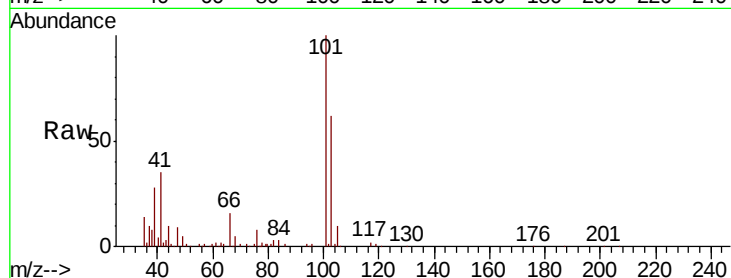
SSI-21-TW-2MS

Tot Ion:101 Resp: 192692

Ion Ratio Lower Upper

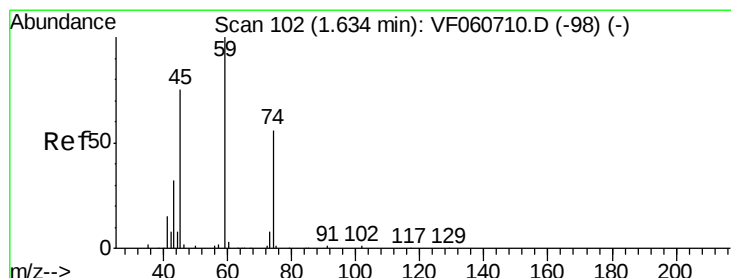
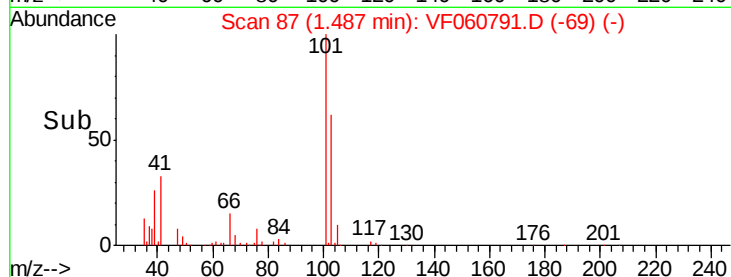
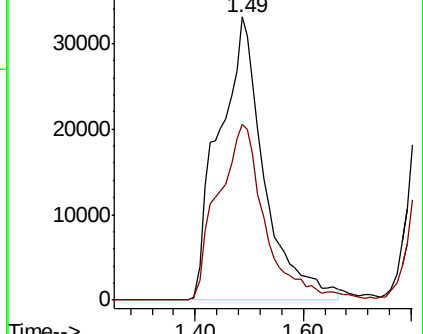
101 100

103 62.2 53.1 79.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 51.345 ug/l

RT: 1.63 min Scan# 102

Delta R.T. 0.00 min

Lab File: VF060791.D

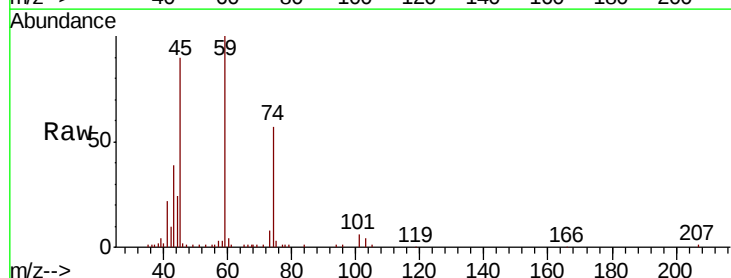
Acq: 19 Nov 2018 22:24

Tgt Ion: 74 Resp: 24330

Ion Ratio Lower Upper

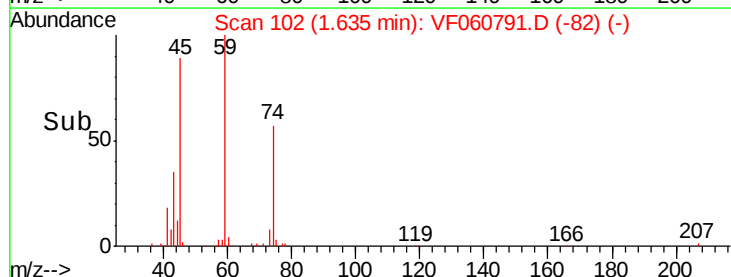
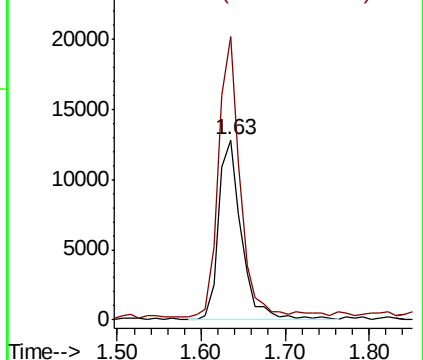
74 100

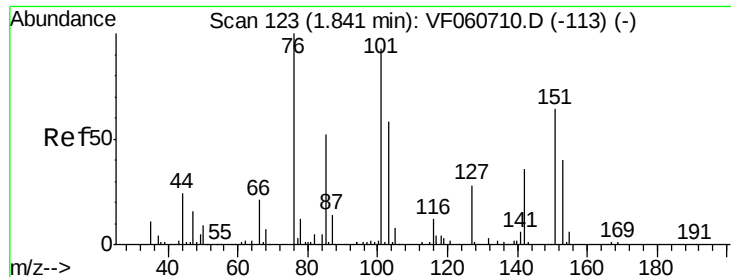
45 157.0 67.7 203.1



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.842 ug/l

RT: 1.82 min Scan# 121

Delta R.T. -0.02 min

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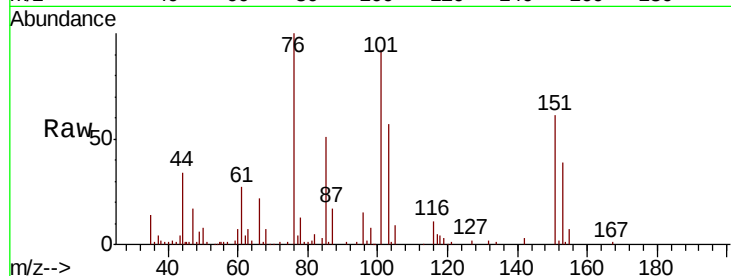
Tot Ion:101 Resp: 92094

Ion Ratio Lower Upper

101 100

85 55.1 43.6 65.4

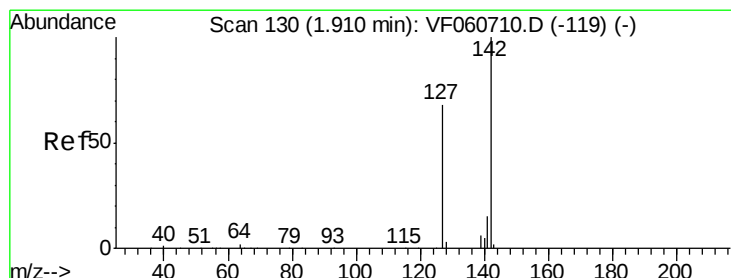
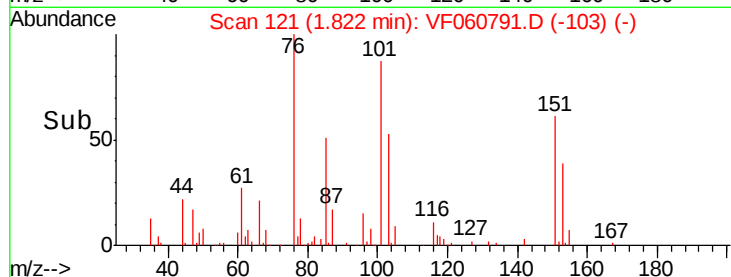
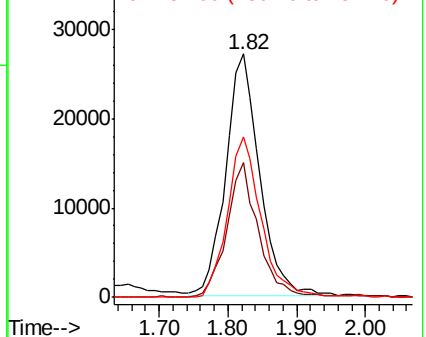
151 65.9 53.1 79.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 53.545 ug/l

RT: 1.89 min Scan# 128

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

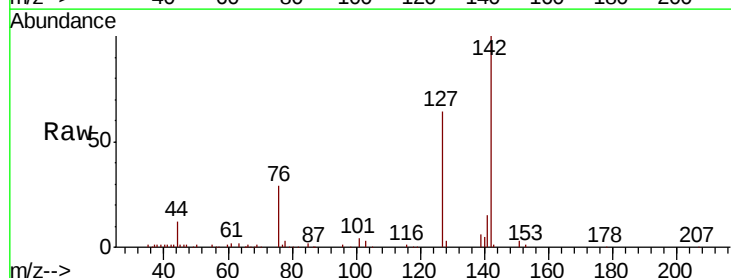
Tgt Ion:142 Resp: 149726

Ion Ratio Lower Upper

142 100

127 63.8 54.0 81.0

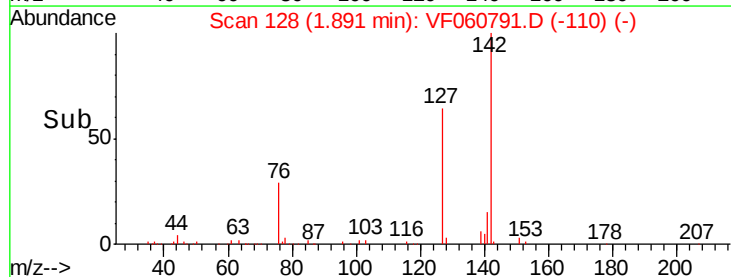
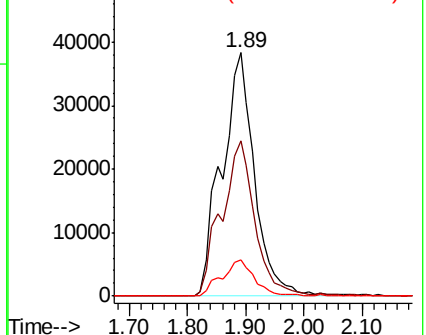
141 14.8 12.3 18.5

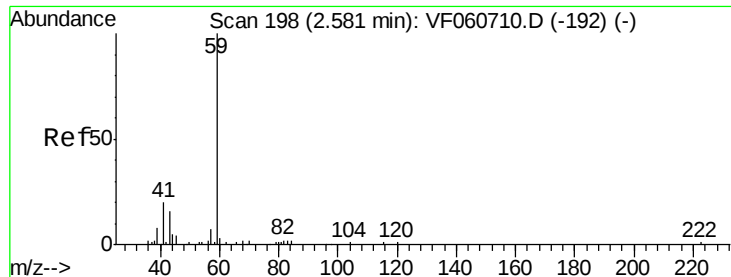


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

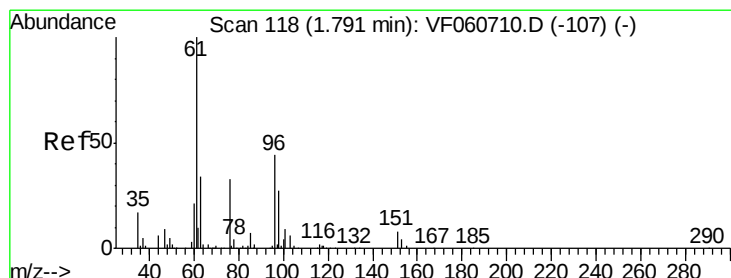
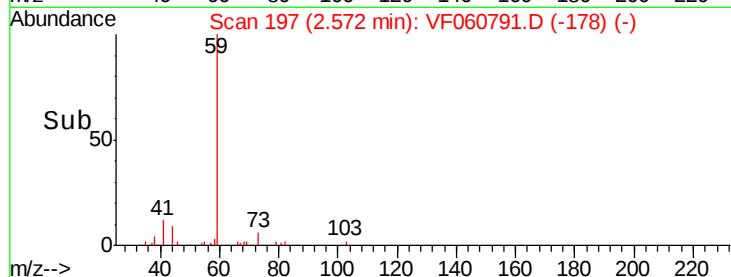
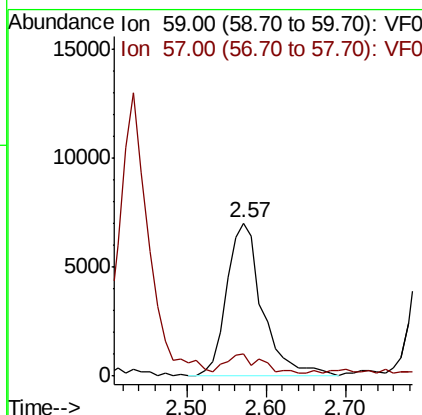
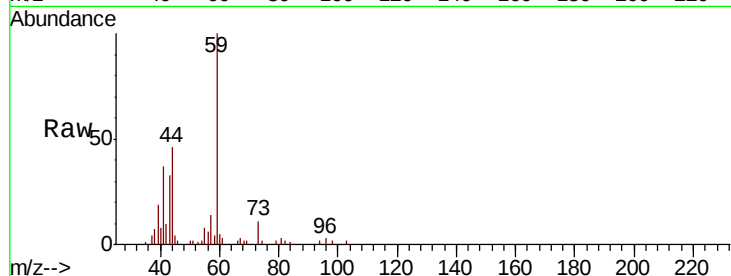




#11
Tert butyl alcohol
Concen: 251.289 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

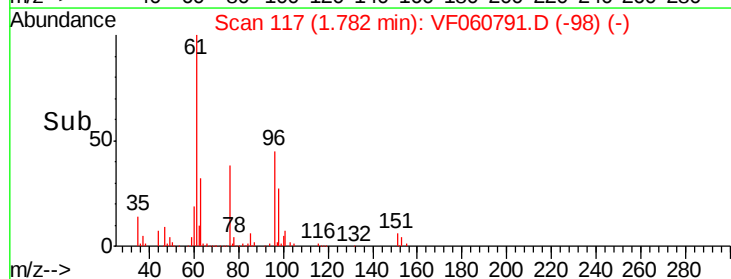
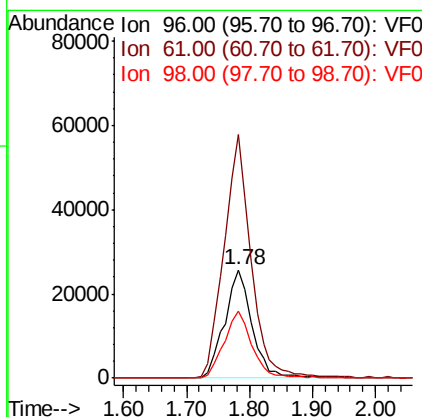
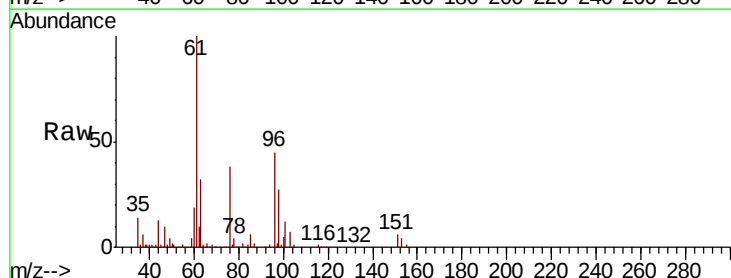
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

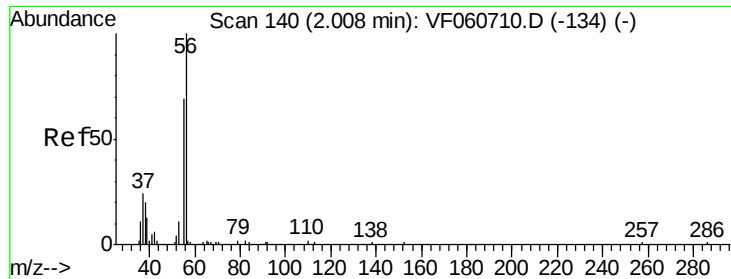
Tot Ion: 59 Resp: 21973
Ion Ratio Lower Upper
59 100
57 14.3 10.5 15.7



#12
1,1-Dichloroethene
Concen: 56.816 ug/l
RT: 1.78 min Scan# 117
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 96 Resp: 78079
Ion Ratio Lower Upper
96 100
61 224.7 182.2 273.2
98 61.2 49.2 73.8





#13

Acrolein

Concen: 181.572 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

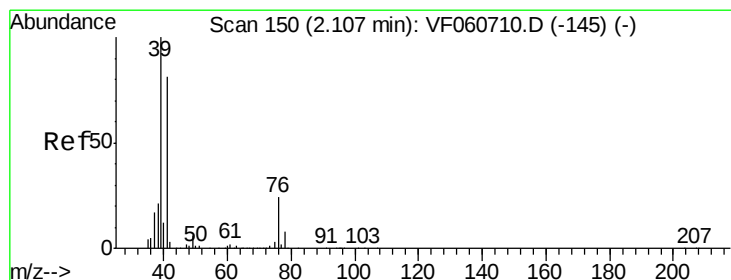
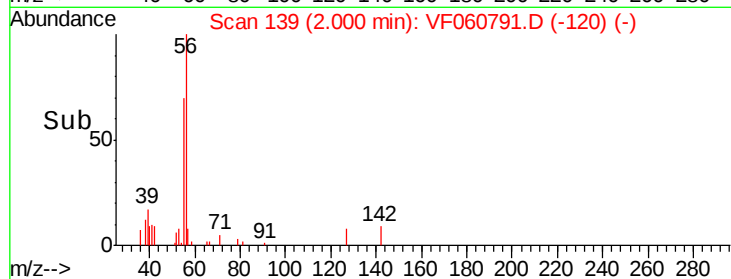
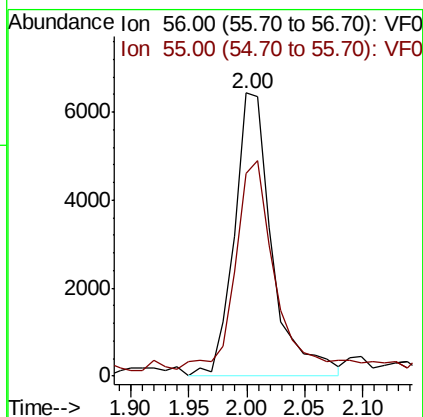
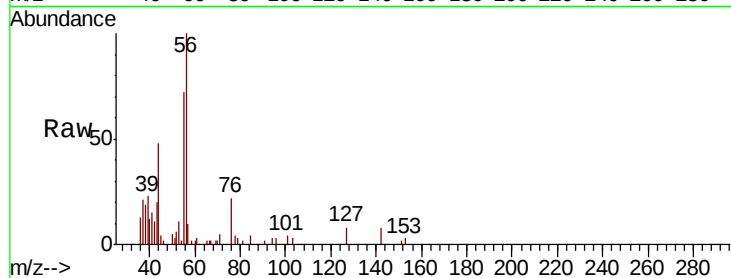
SSI-21-TW-2MS

Tot Ion: 56 Resp: 14517

Ion Ratio Lower Upper

56 100

55 71.6 56.6 85.0



#14

Allyl chloride

Concen: 54.382 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

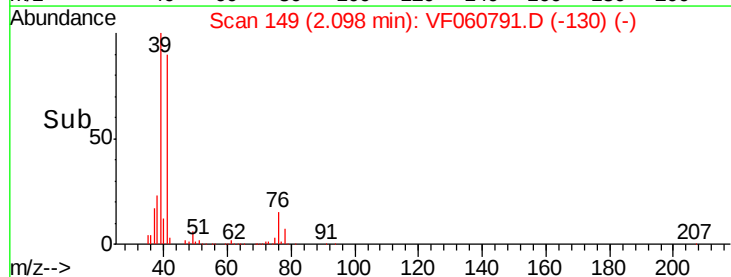
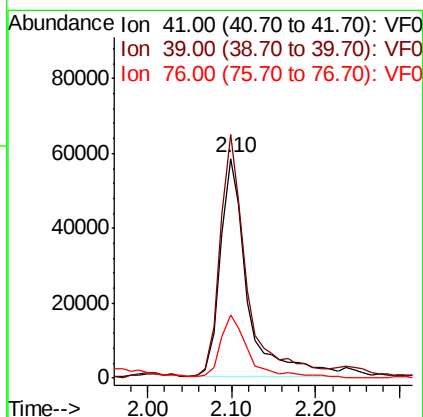
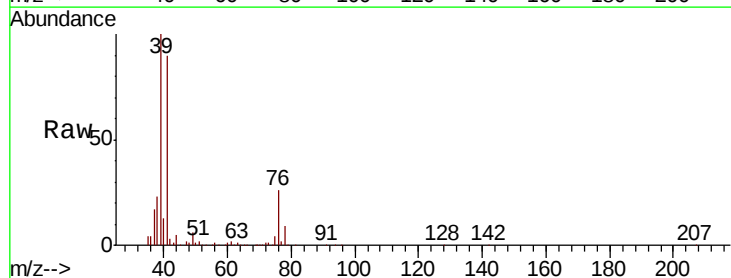
Tgt Ion: 41 Resp: 130924

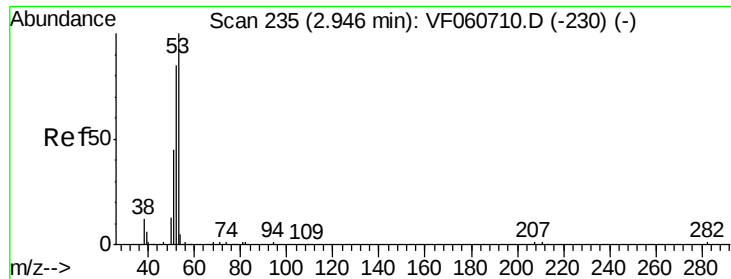
Ion Ratio Lower Upper

41 100

39 110.9 98.5 147.7

76 28.7 24.5 36.7

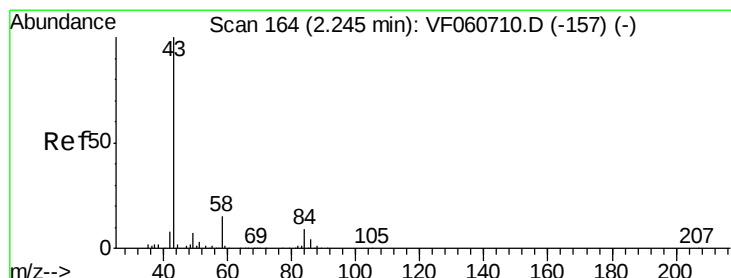
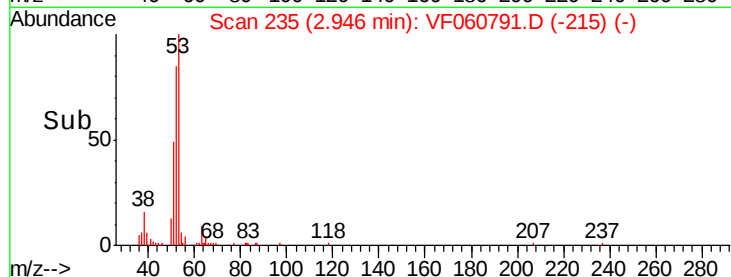
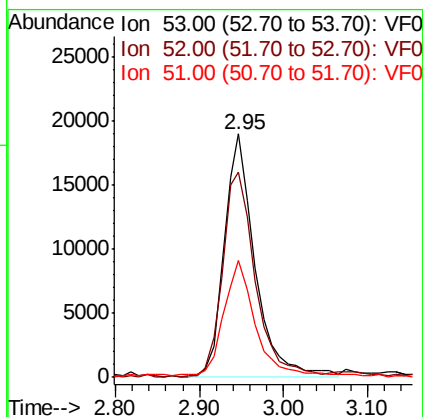
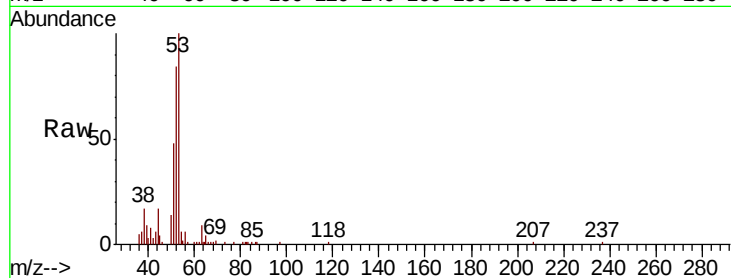




#15
 Acrylonitrile
 Concen: 259.338 ug/l
 RT: 2.95 min Scan# 235
 Delta R.T. 0.00 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

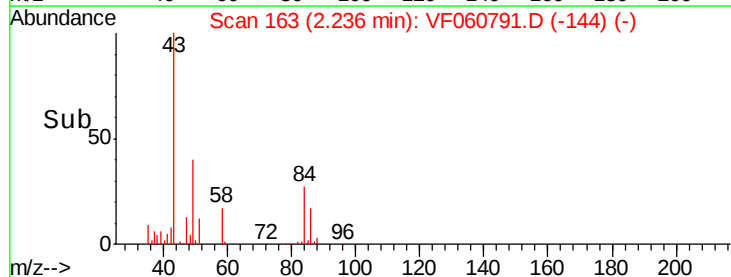
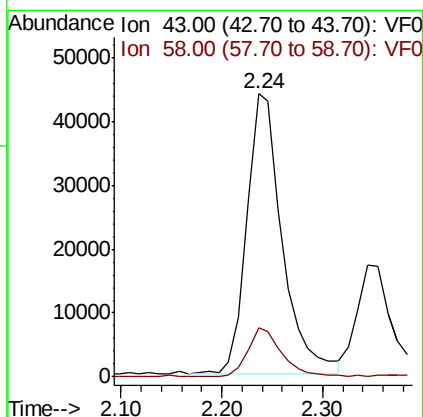
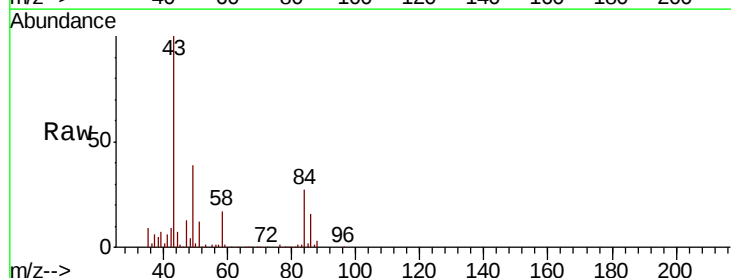
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

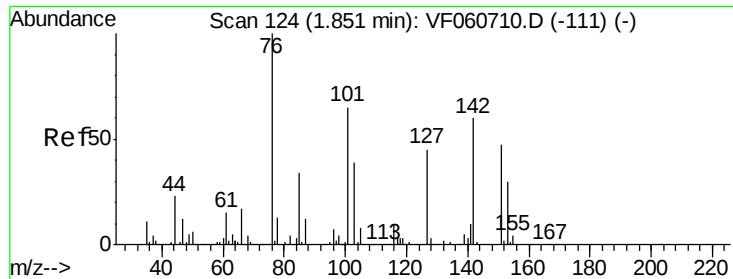
Tot Ion: 53 Resp: 48321
 Ion Ratio Lower Upper
 53 100
 52 84.1 68.8 103.2
 51 48.2 36.7 55.1



#16
 Acetone
 Concen: 261.132 ug/l
 RT: 2.24 min Scan# 163
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion: 43 Resp: 107239
 Ion Ratio Lower Upper
 43 100
 58 17.3 11.6 17.4

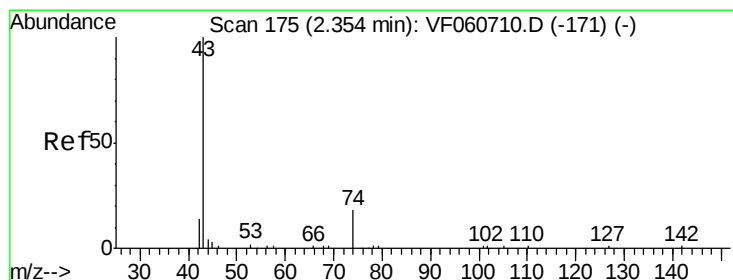
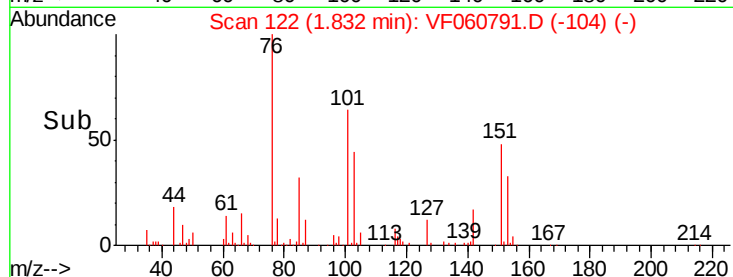
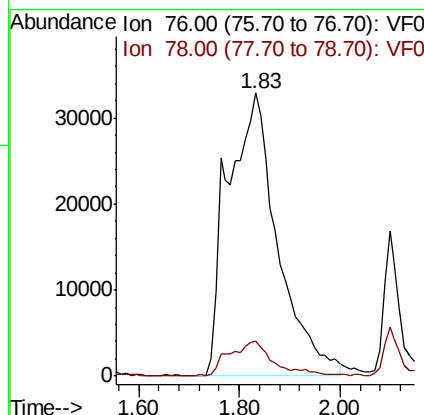
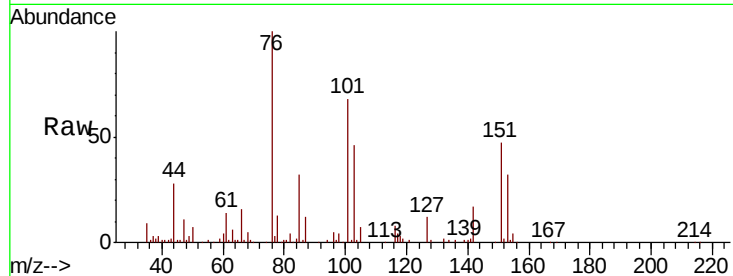




#17
Carbon Disulfide
Concen: 54.699 ug/l
RT: 1.83 min Scan# 122
Delta R.T. -0.02 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

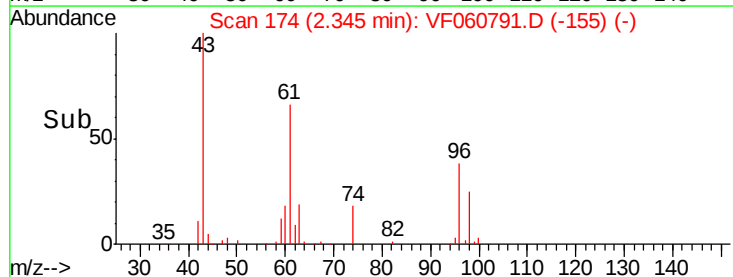
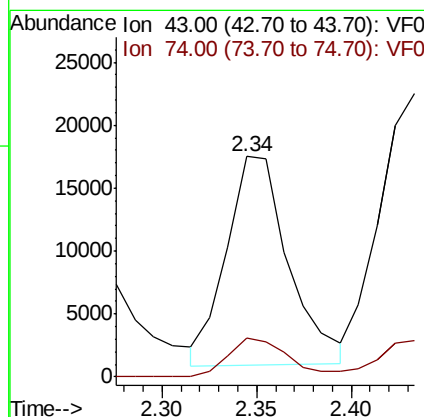
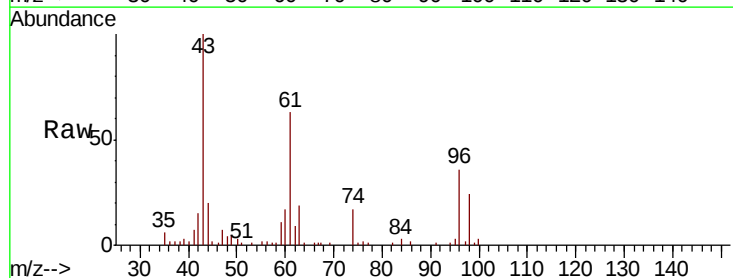
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

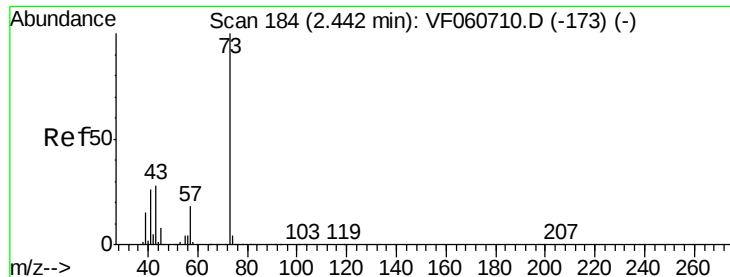
Tot Ion: 76 Resp: 227192
Ion Ratio Lower Upper
76 100
78 12.6 10.5 15.7



#18
Methyl Acetate
Concen: 56.214 ug/l
RT: 2.34 min Scan# 174
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 43 Resp: 37907
Ion Ratio Lower Upper
43 100
74 17.5 11.8 17.8



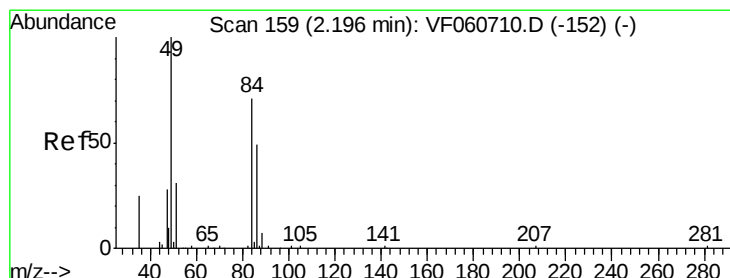
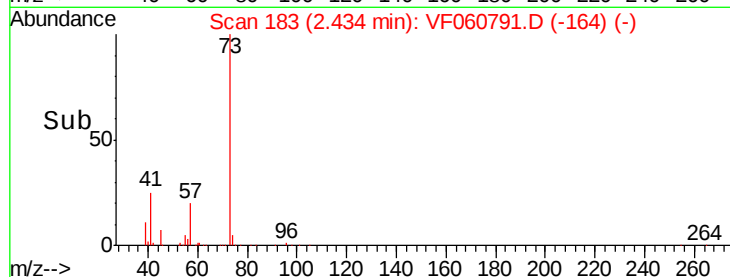
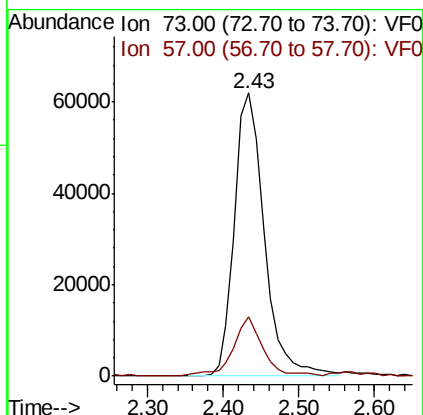
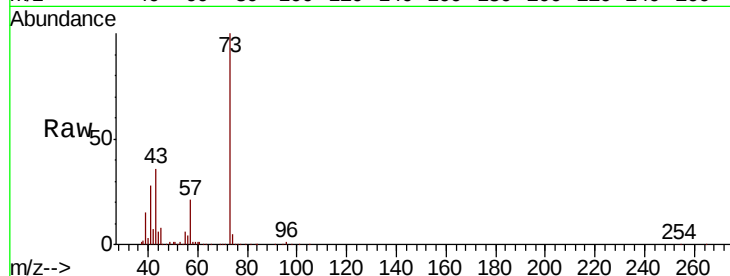


#19

Methyl tert-butyl Ether
 Concen: 51.445 ug/l
 RT: 2.43 min Scan# 183
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

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

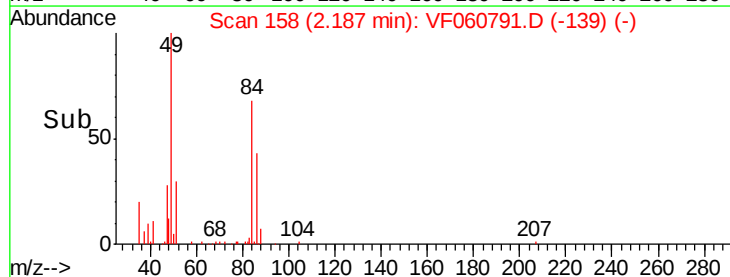
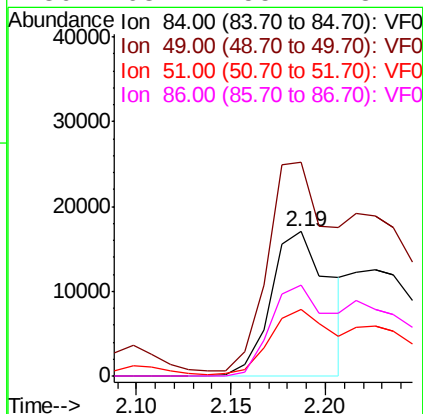
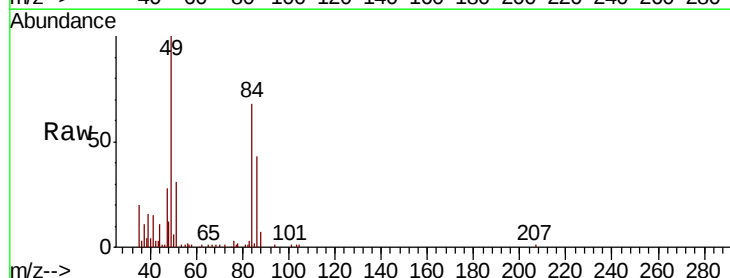
Tot Ion: 73 Resp: 169605
 Ion Ratio Lower Upper
 73 100
 57 21.0 14.3 21.5

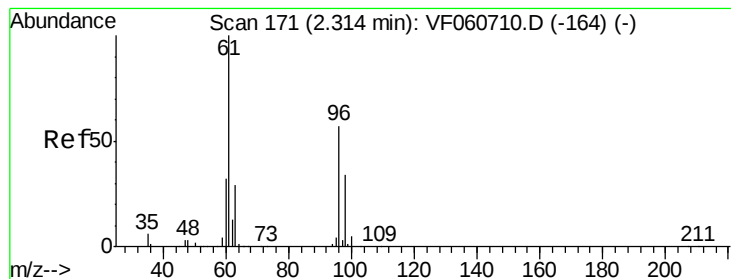


#20

Methylene Chloride
 Concen: 26.017 ug/l
 RT: 2.19 min Scan# 158
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion: 84 Resp: 37383
 Ion Ratio Lower Upper
 84 100
 49 147.9 120.2 180.4
 51 45.9 37.2 55.8
 86 63.2 55.1 82.7





#21

trans-1,2-Dichloroethene

Concen: 57.745 ug/l

RT: 2.32 min Scan# 171

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

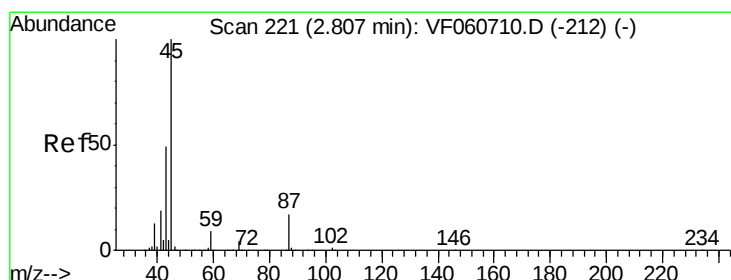
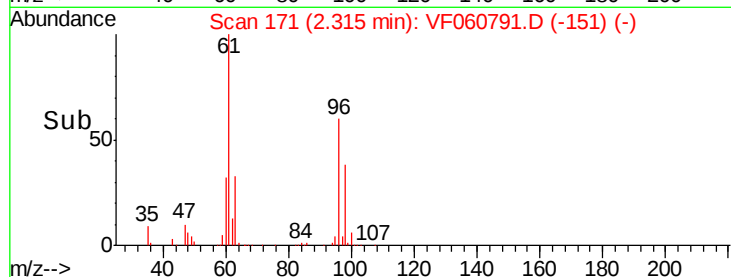
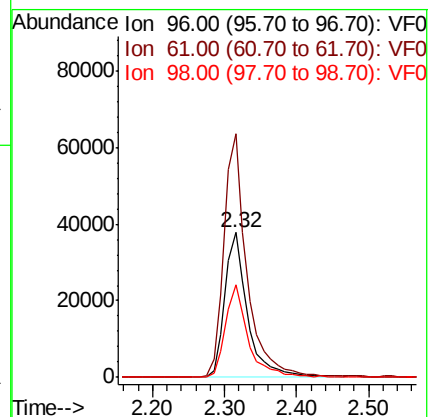
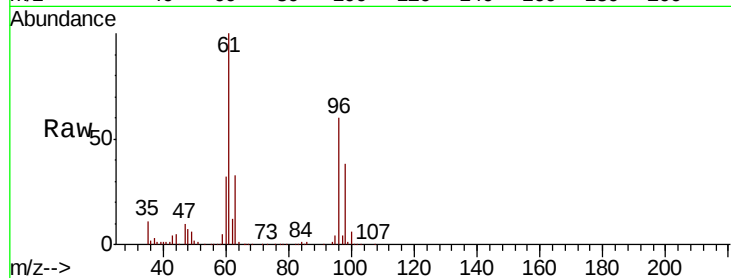
Tot Ion: 96 Resp: 82909

Ion Ratio Lower Upper

96 100

61 168.0 141.6 212.4

98 63.5 47.4 71.0



#22

Diisopropyl ether

Concen: 52.444 ug/l

RT: 2.81 min Scan# 221

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion: 45 Resp: 243761

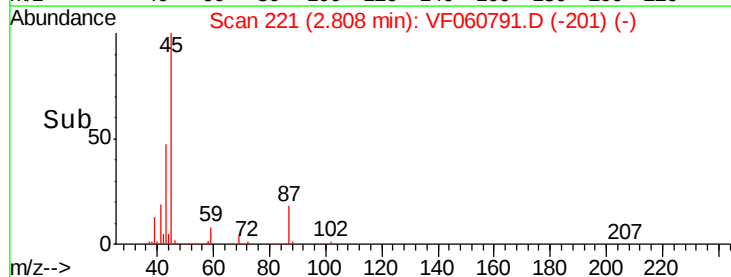
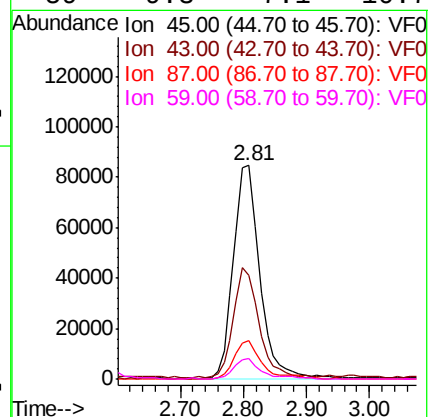
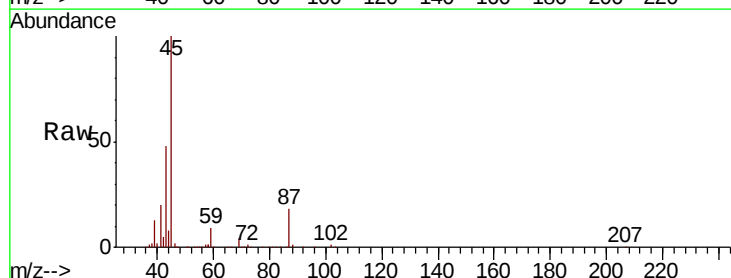
Ion Ratio Lower Upper

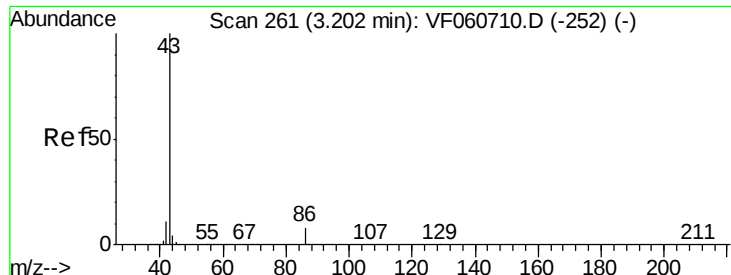
45 100

43 48.3 39.9 59.9

87 17.8 13.9 20.9

59 9.3 7.1 10.7





#23

Vinyl Acetate

Concen: 232.614 ug/l

RT: 3.19 min Scan# 260

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

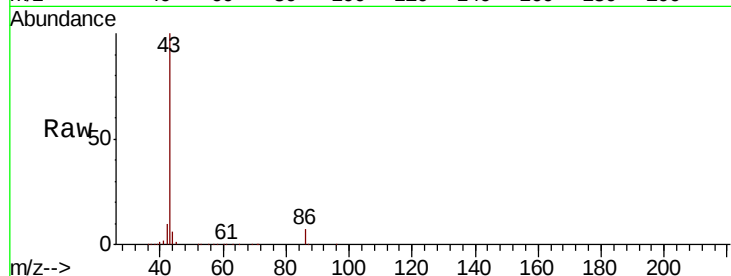
SSI-21-TW-2MS

Tot Ion: 43 Resp: 509133

Ion Ratio Lower Upper

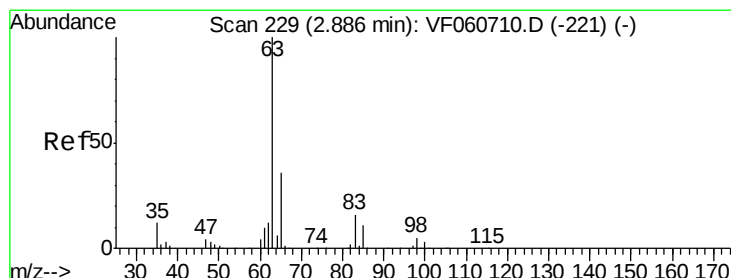
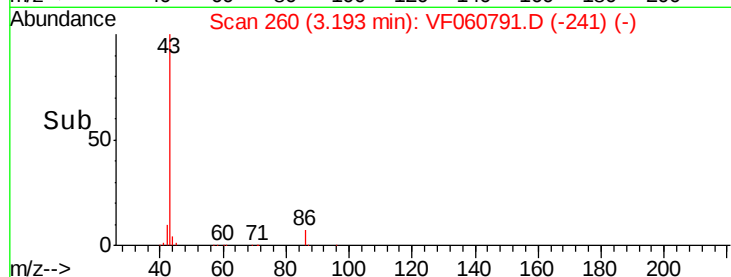
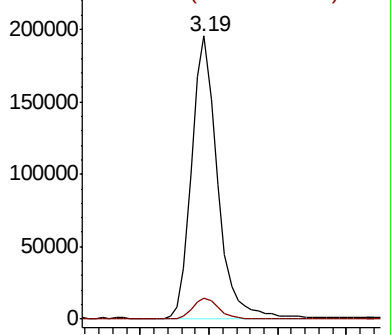
43 100

86 7.2 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: 56.026 ug/l

RT: 2.88 min Scan# 228

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

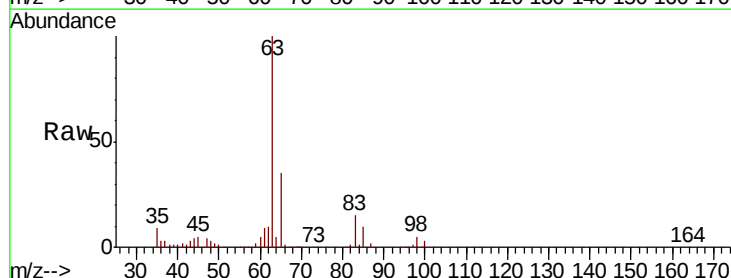
Tgt Ion: 63 Resp: 157656

Ion Ratio Lower Upper

63 100

98 4.7 2.4 7.1

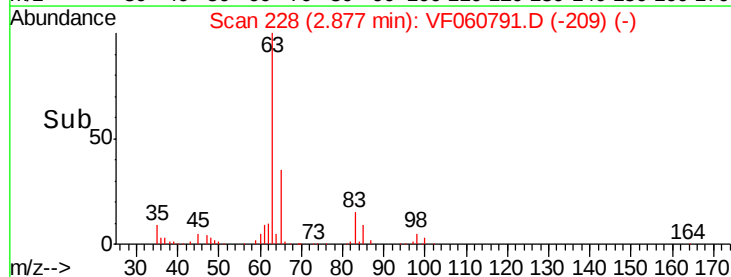
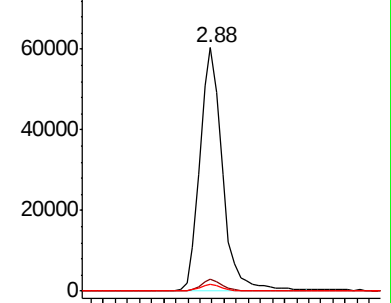
100 3.0 1.4 4.2

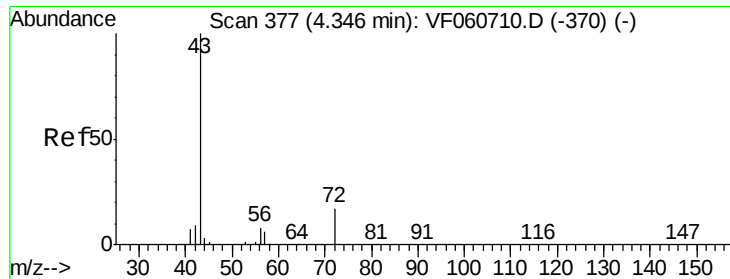


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 256.742 ug/l

RT: 4.34 min Scan# 376

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

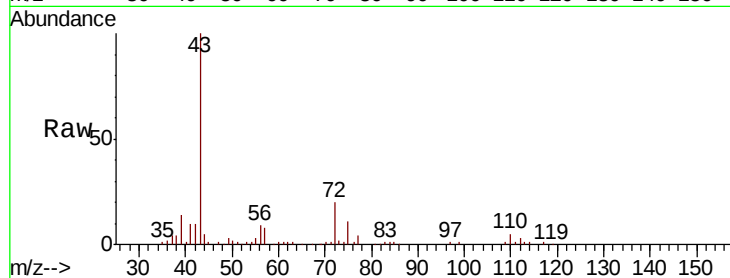
SSI-21-TW-2MS

Tot Ion: 43 Resp: 173425

Ion Ratio Lower Upper

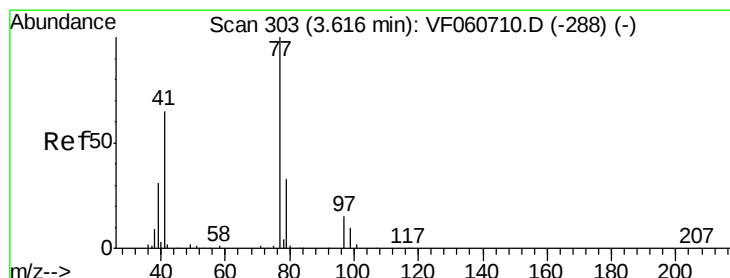
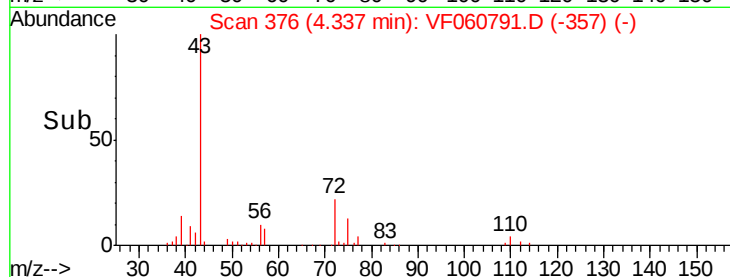
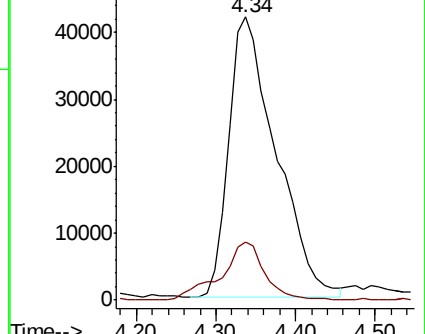
43 100

72 20.4 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 45.772 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.01 min

Lab File: VF060791.D

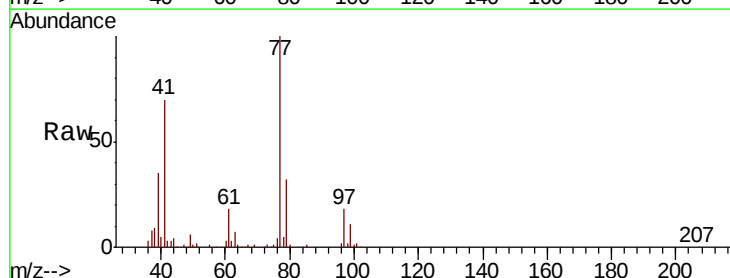
Acq: 19 Nov 2018 22:24

Tgt Ion: 77 Resp: 101358

Ion Ratio Lower Upper

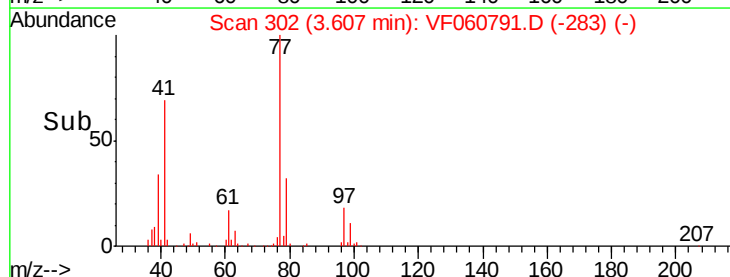
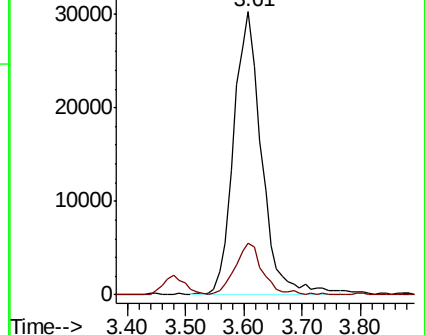
77 100

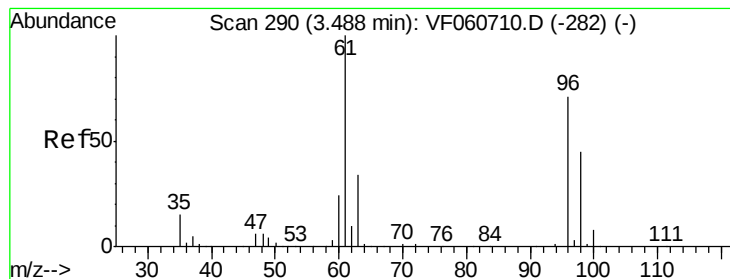
97 18.4 8.8 26.5



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



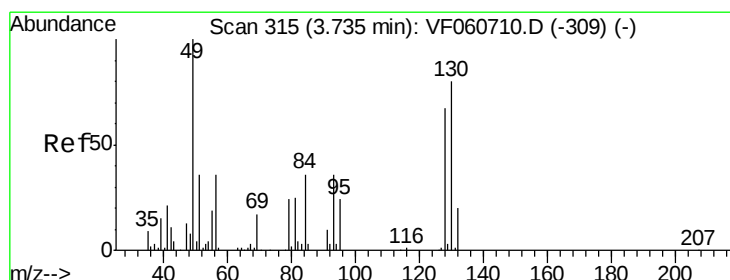
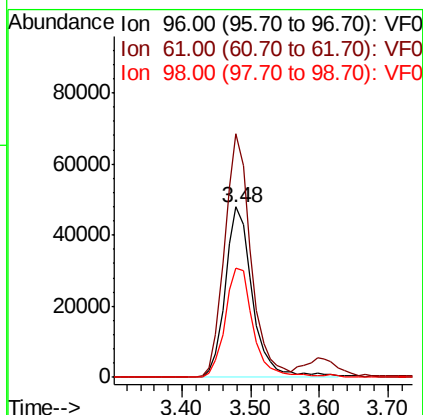
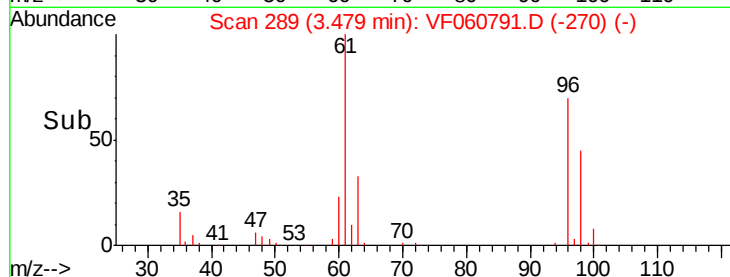
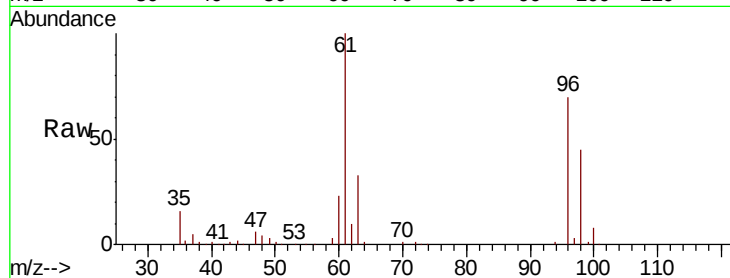


#27

cis-1,2-Dichloroethene
Concen: 53.625 ug/l
RT: 3.48 min Scan# 289
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

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

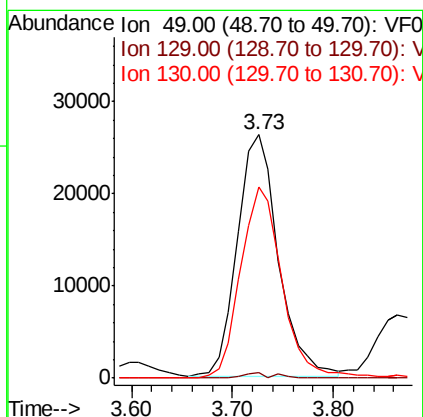
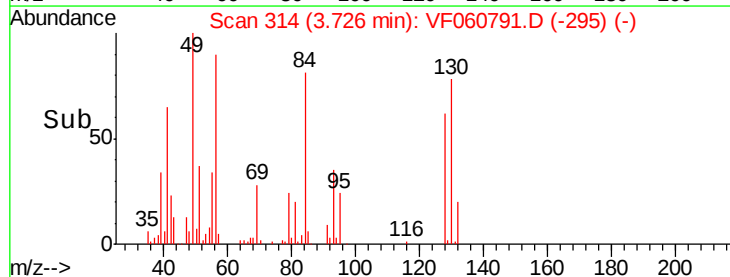
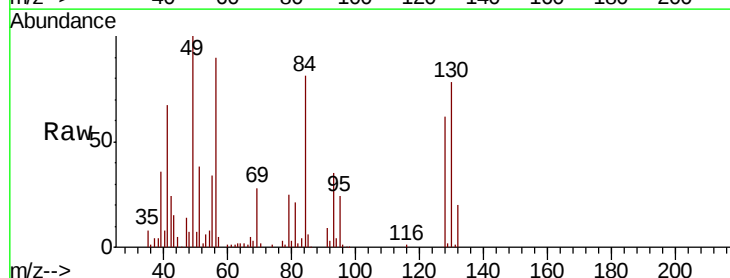
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	280.6
98	63.9	0.0	127.6

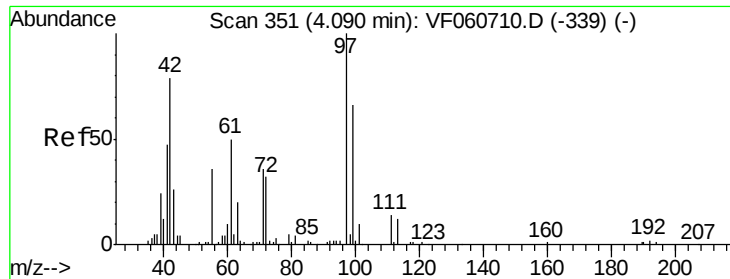


#28

Bromochloromethane
Concen: 51.174 ug/l
RT: 3.73 min Scan# 314
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.2
130	78.5	63.9	95.9





#29

Tetrahydrofuran

Concen: 239.318 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

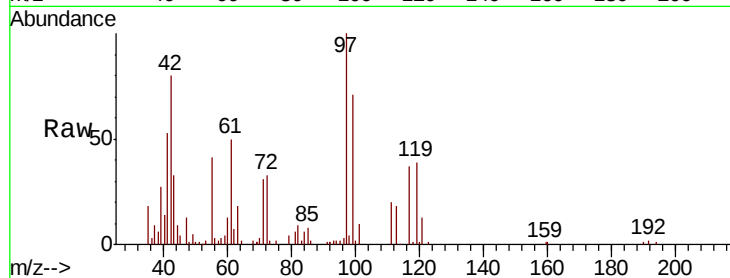
Tot Ion: 42 Resp: 66680

Ion Ratio Lower Upper

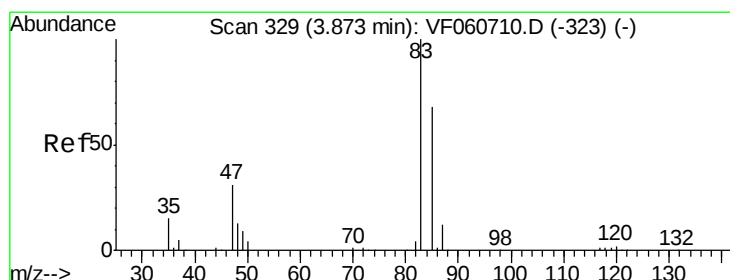
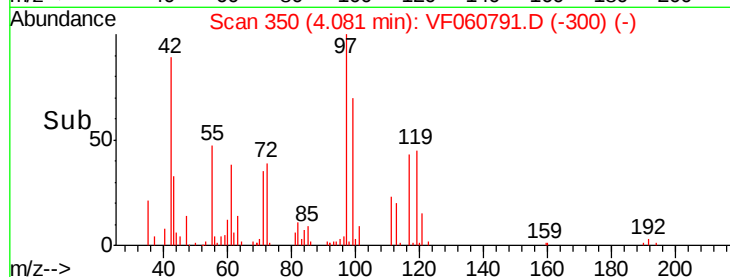
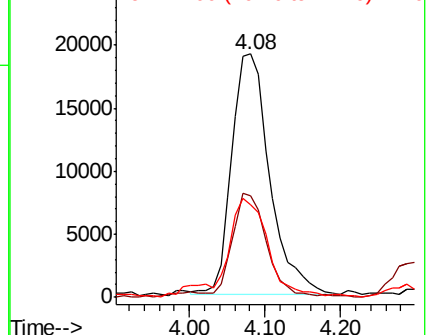
42 100

72 39.6 30.3 45.5

71 44.9 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: 50.277 ug/l

RT: 3.86 min Scan# 328

Delta R.T. -0.01 min

Lab File: VF060791.D

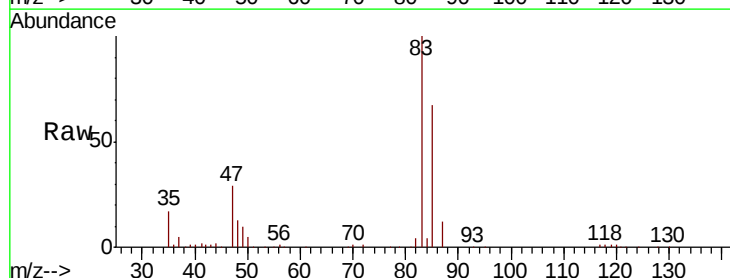
Acq: 19 Nov 2018 22:24

Tgt Ion: 83 Resp: 226997

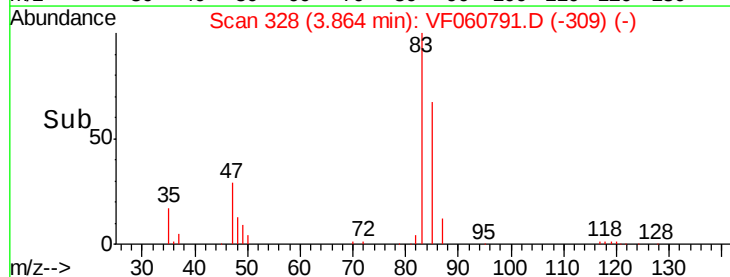
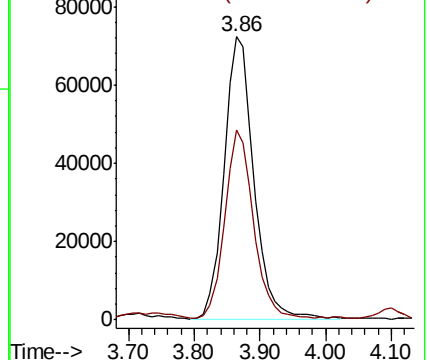
Ion Ratio Lower Upper

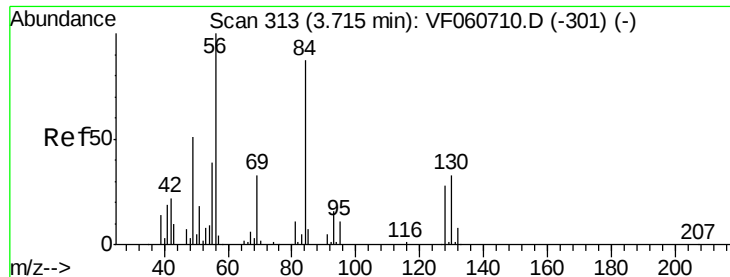
83 100

85 67.1 54.6 82.0



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

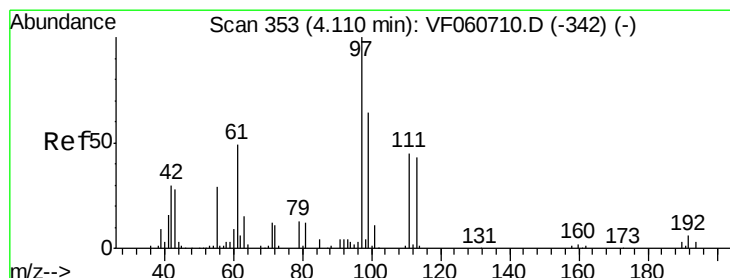
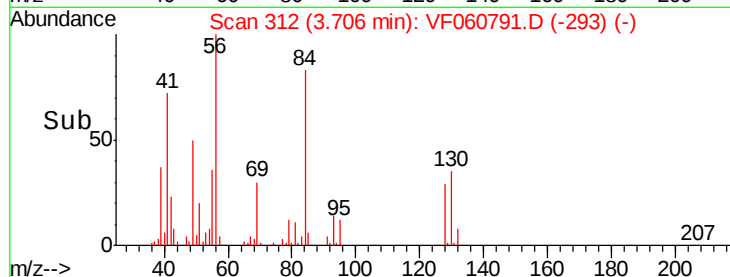
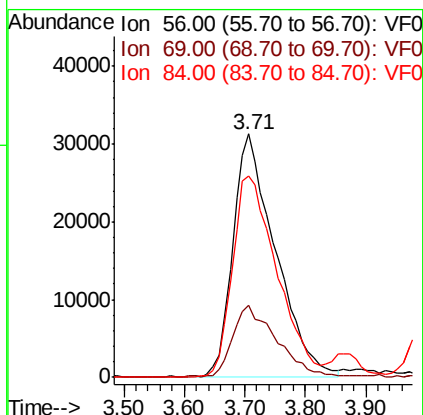
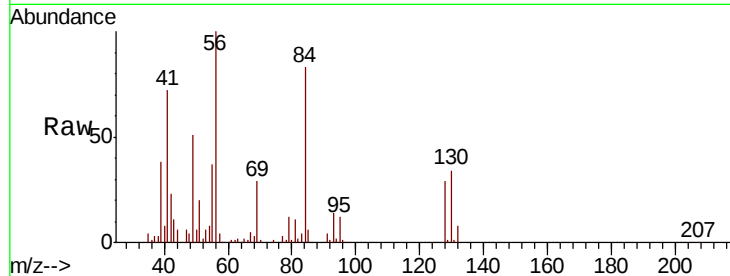




#31
Cyclohexane
Concen: 44.726 ug/l
RT: 3.71 min Scan# 312
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

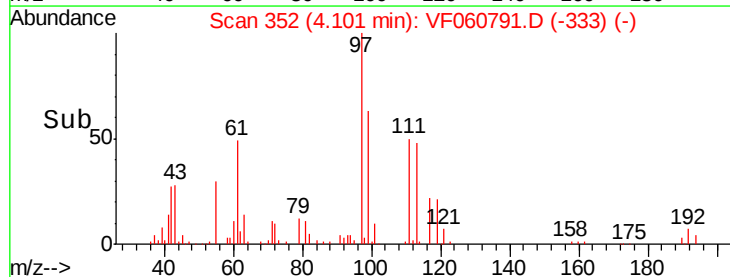
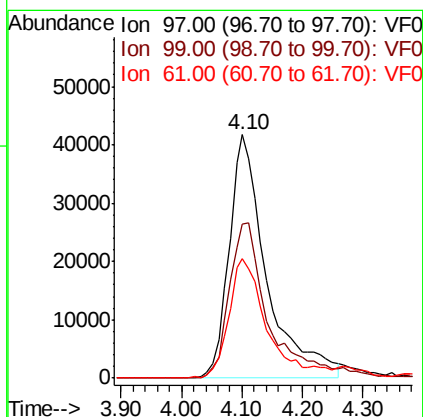
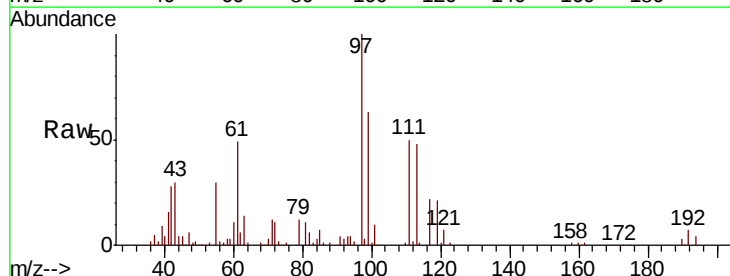
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

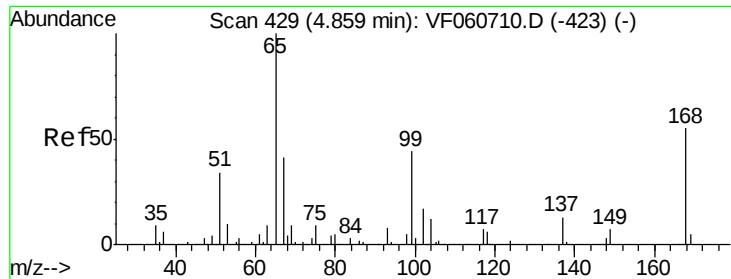
Tot Ion: 56 Resp: 152754
Ion Ratio Lower Upper
56 100
69 29.5 26.0 39.0
84 82.7 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 50.602 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 97 Resp: 179912
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 49.3 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 46.941 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

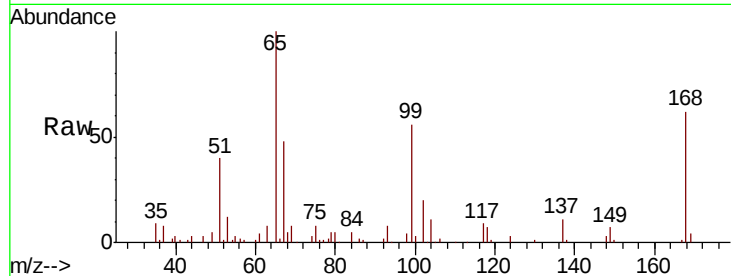
SSI-21-TW-2MS

Tot Ion: 65 Resp: 90188

Ion Ratio Lower Upper

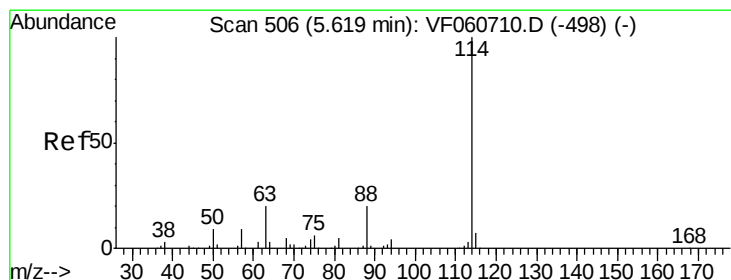
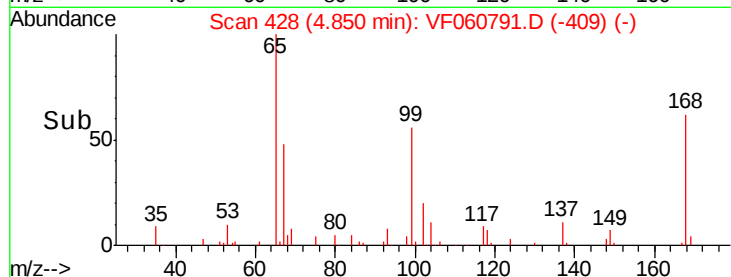
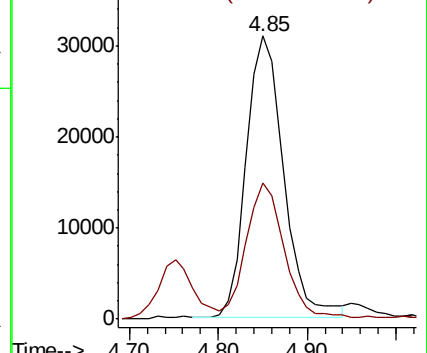
65 100

67 48.0 0.0 90.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

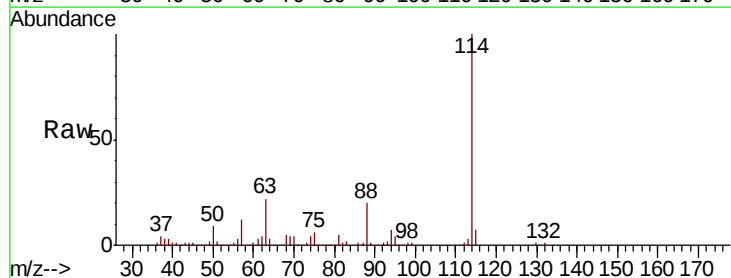
Tgt Ion: 114 Resp: 283193

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.8

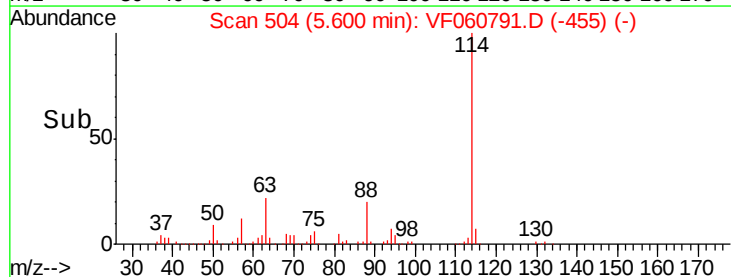
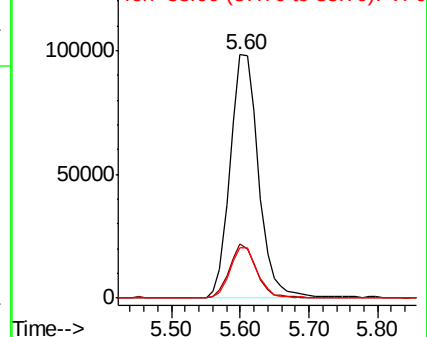
88 20.5 0.0 39.6

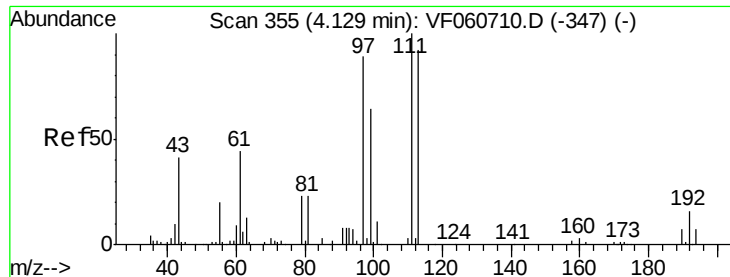


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

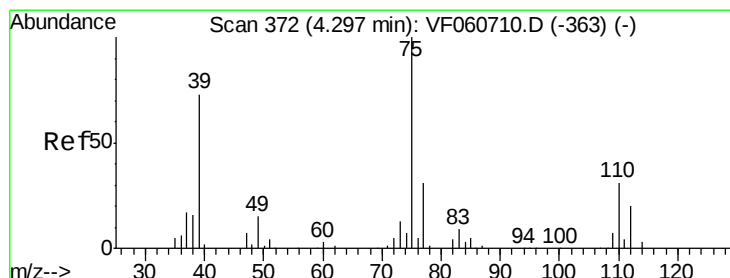
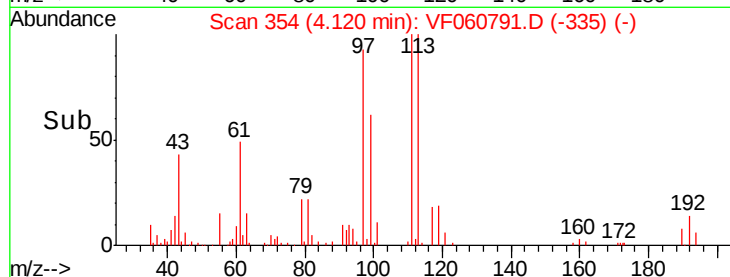
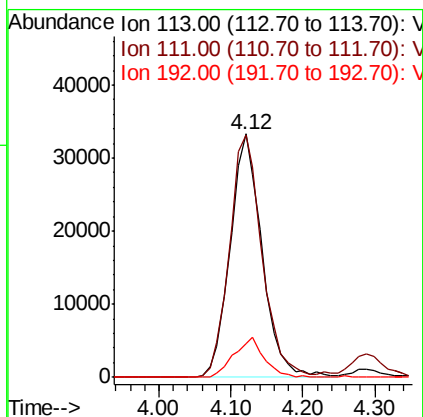
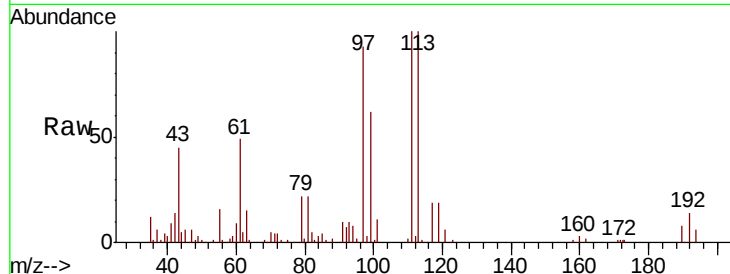




#35
 Dibromofluoromethane
 Concen: 48.309 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

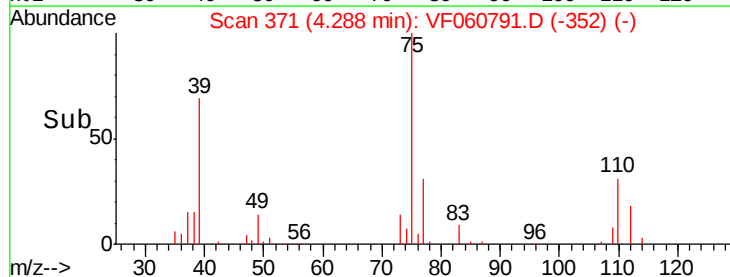
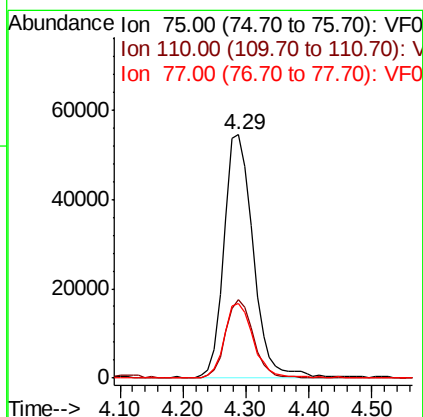
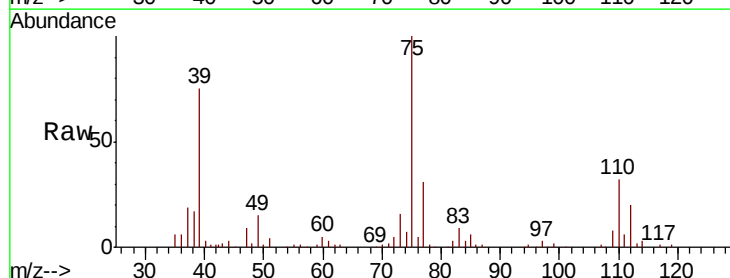
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

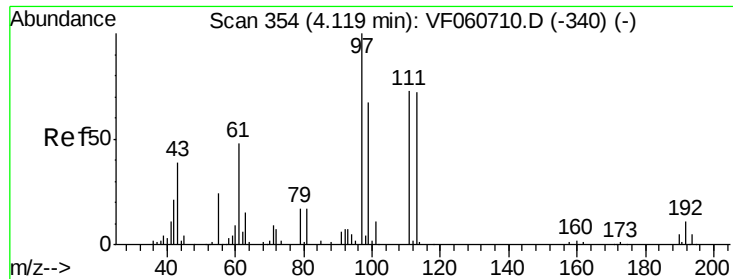
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.5	87.1	130.7
192	13.9	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 53.132 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.4	15.6	46.8
77	30.6	25.0	37.6

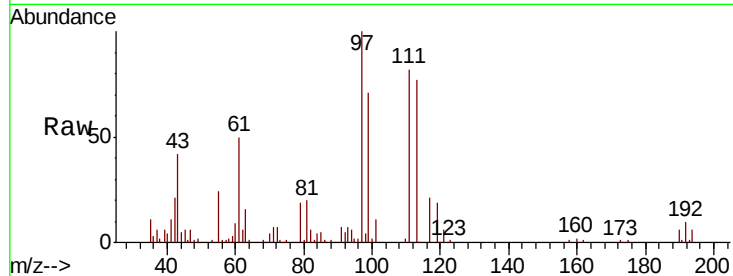




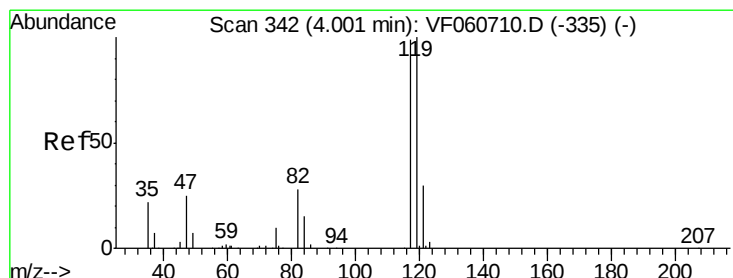
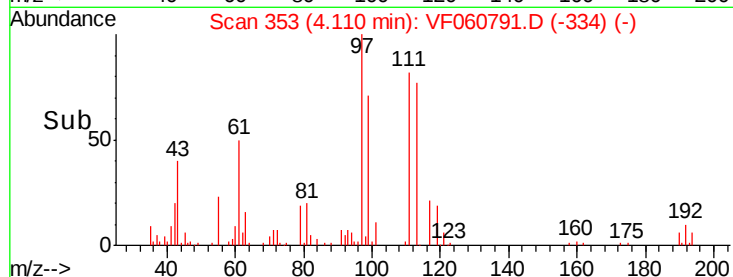
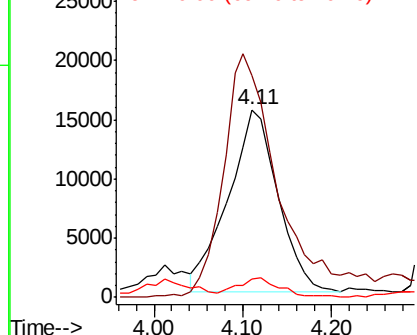
#37
Ethyl Acetate
Concen: 48.882 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

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

Tot Ion: 43 Resp: 59688
Ion Ratio Lower Upper
43 100
61 118.5 98.5 147.7
70 10.0 7.4 11.0

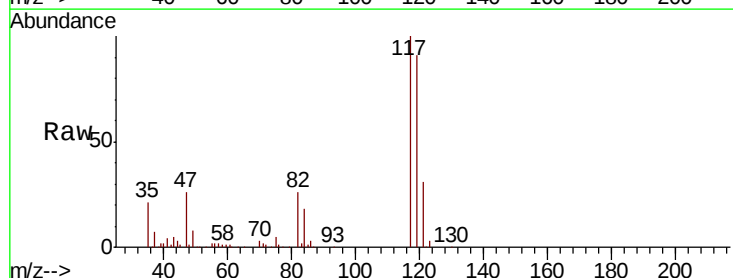


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

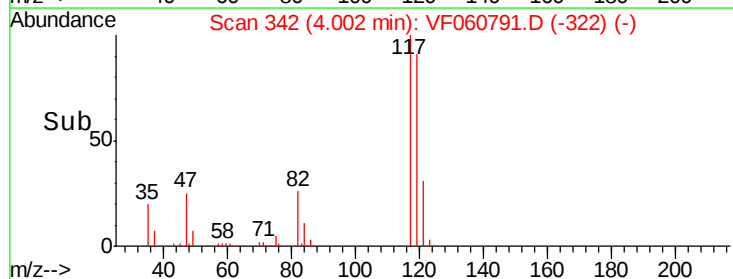
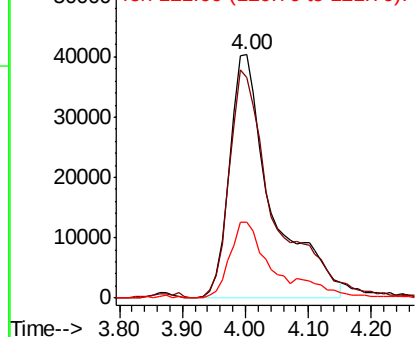


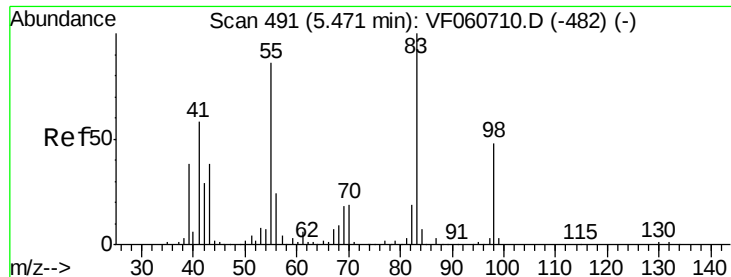
#38
Carbon Tetrachloride
Concen: 58.769 ug/l
RT: 4.00 min Scan# 342
Delta R.T. 0.00 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 117 Resp: 187287
Ion Ratio Lower Upper
117 100
119 90.5 80.7 121.1
121 31.1 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

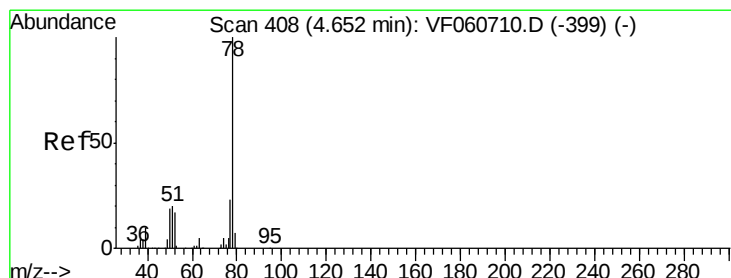
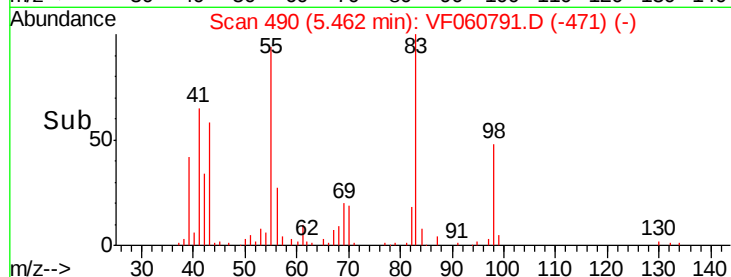
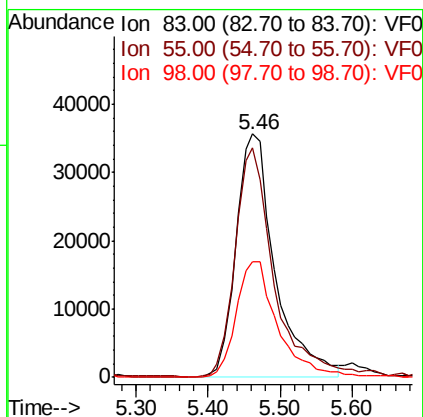
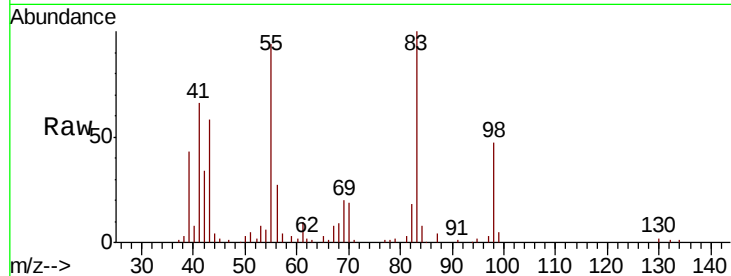




#39
Methvlcvclohexane
Concen: 35.497 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

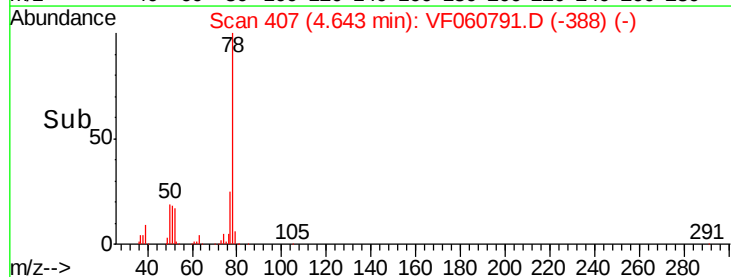
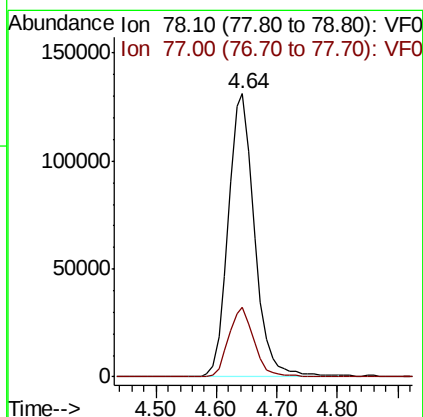
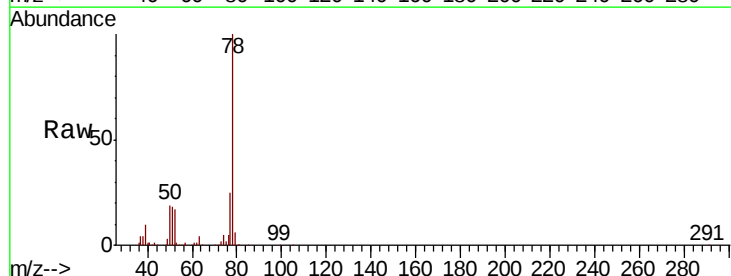
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

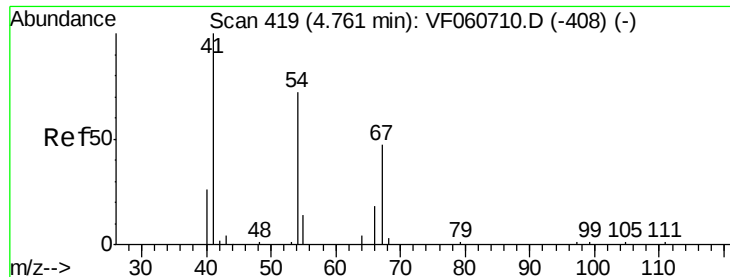
Tot Ion: 83 Resp: 135254
Ion Ratio Lower Upper
83 100
55 94.4 69.0 103.4
98 47.5 38.5 57.7



#40
Benzene
Concen: 54.035 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 78 Resp: 395601
Ion Ratio Lower Upper
78 100
77 24.6 18.6 28.0

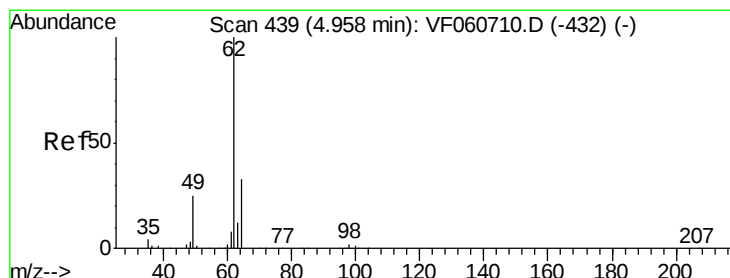
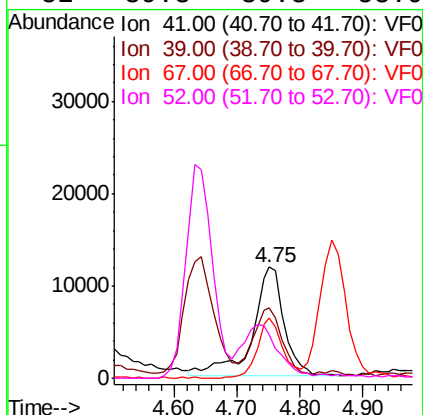
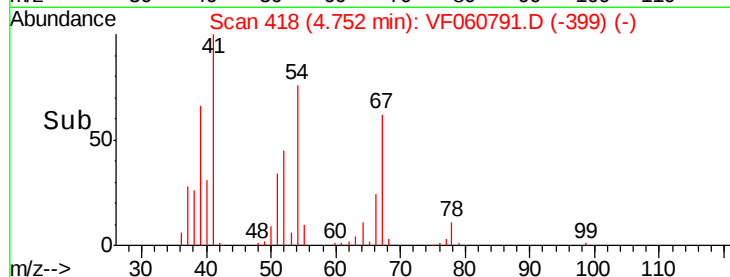
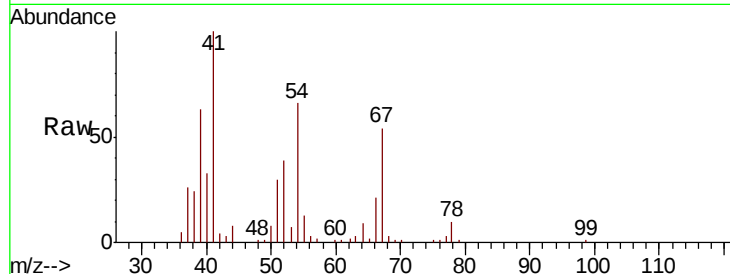




#41
Methacrylonitrile
Concen: 64.619 ug/l
RT: 4.75 min Scan# 418
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

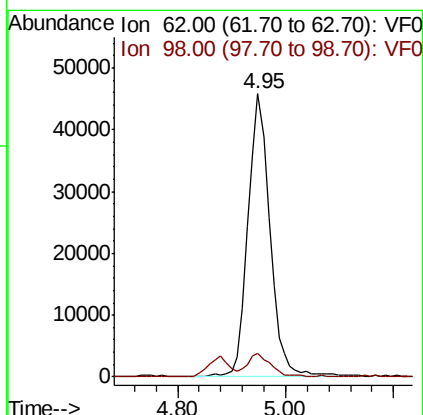
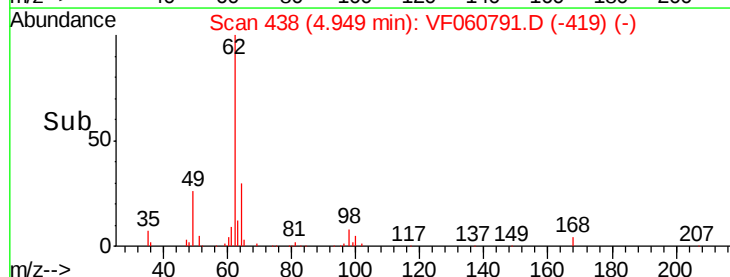
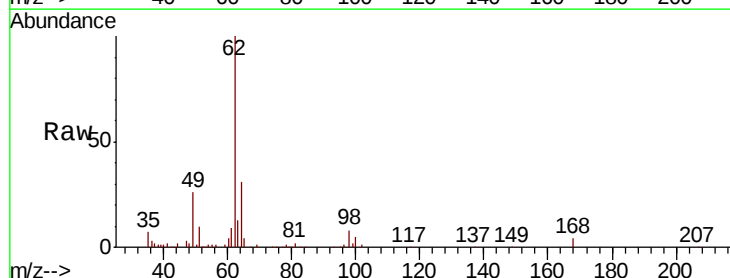
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

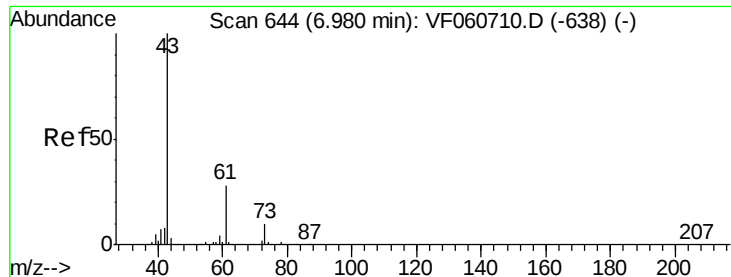
Tot Ion: 41 Resp: 41244
Ion Ratio Lower Upper
41 100
39 63.1 47.1 70.7
67 54.3 37.1 55.7
52 39.3 39.3 58.9#



#42
1,2-Dichloroethane
Concen: 51.288 ug/l
RT: 4.95 min Scan# 438
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 62 Resp: 129760
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6



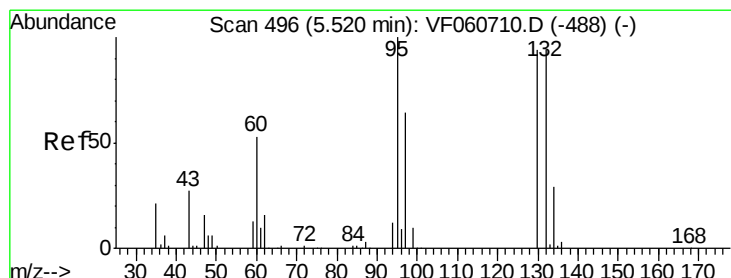
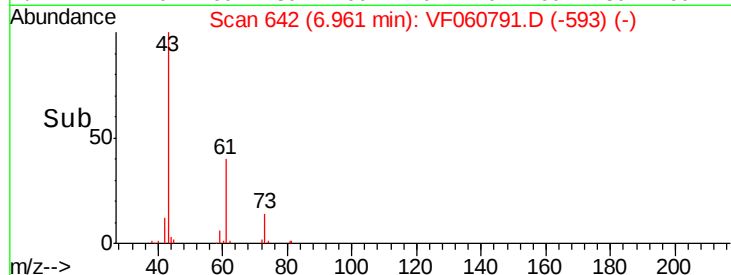
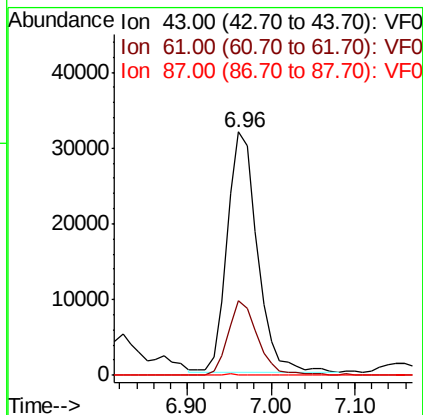
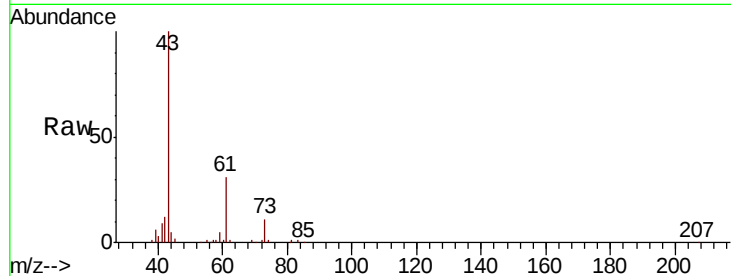


#43

Isopropyl Acetate
 Concen: 49.271 ug/l
 RT: 6.96 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

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

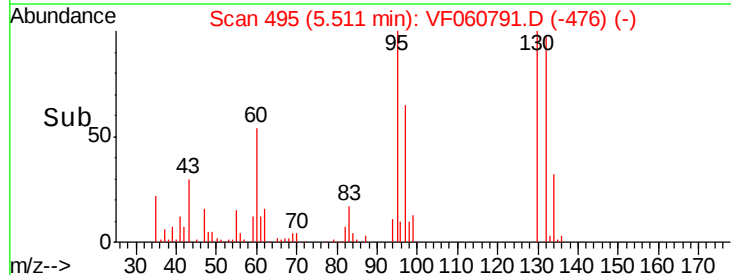
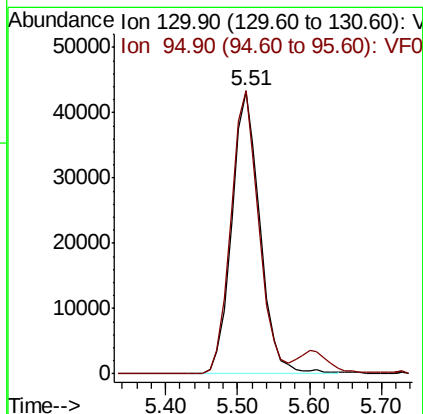
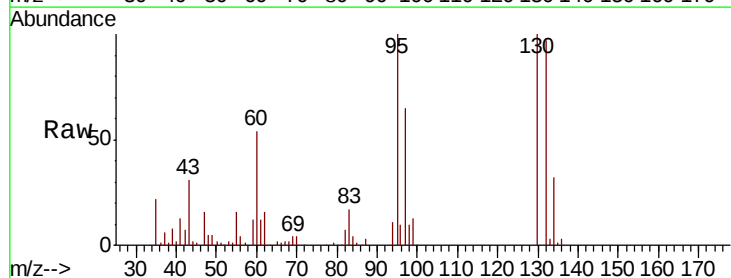
Tot Ion: 43 Resp: 79768
 Ion Ratio Lower Upper
 43 100
 61 30.6 22.2 33.4
 87 0.0 0.4 0.6#

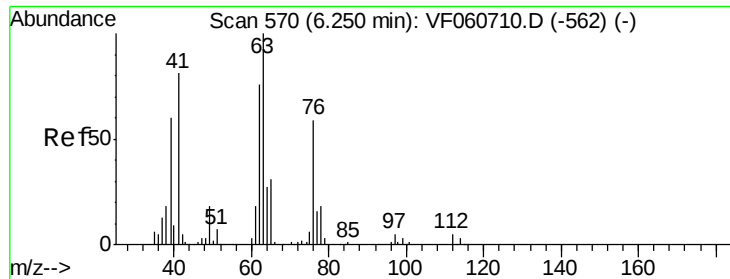


#44

Trichloroethene
 Concen: 51.175 ug/l
 RT: 5.51 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion:130 Resp: 118209
 Ion Ratio Lower Upper
 130 100
 95 100.3 0.0 212.6





#45

1,2-Dichloropropane

Concen: 52.955 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

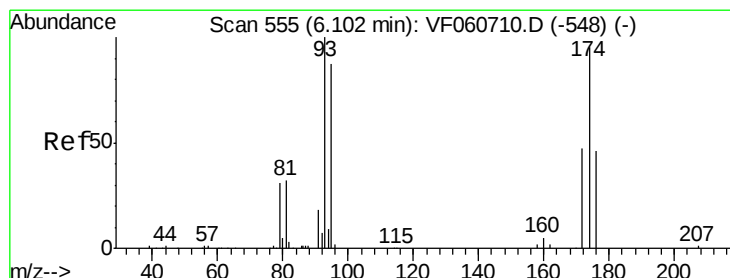
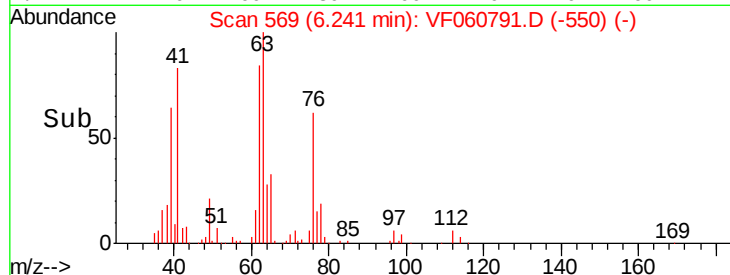
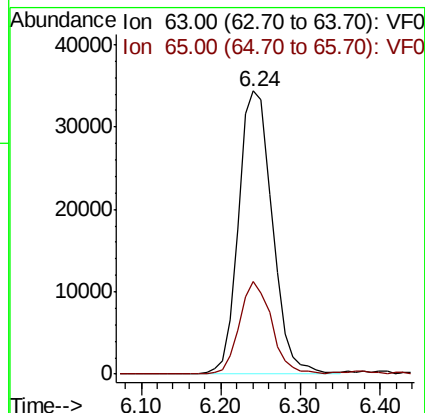
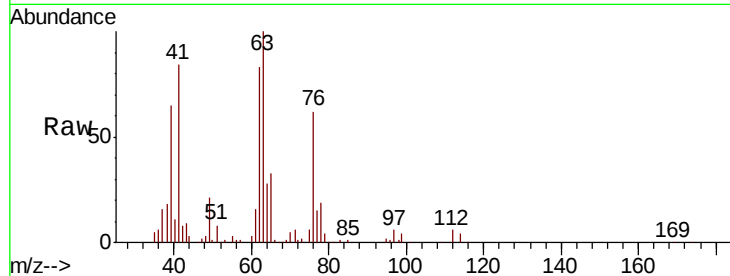
SSI-21-TW-2MS

Tot Ion: 63 Resp: 100887

Ion Ratio Lower Upper

63 100

65 32.9 24.6 36.8



#46

Dibromomethane

Concen: 52.126 ug/l

RT: 6.09 min Scan# 554

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

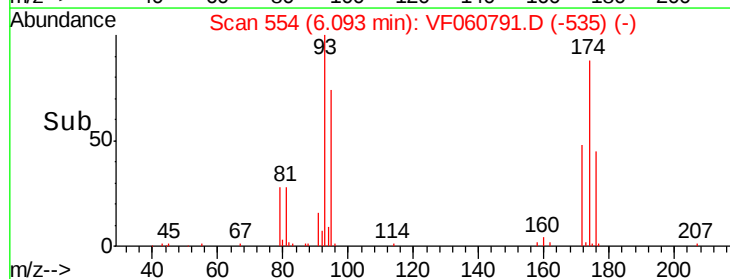
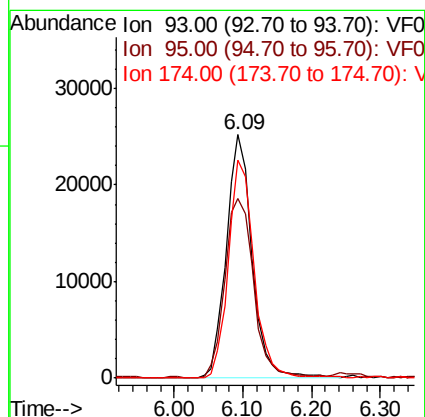
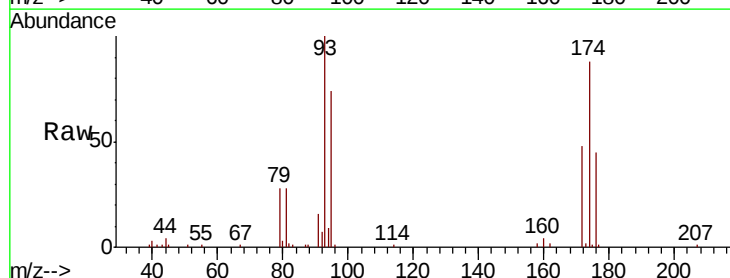
Tgt Ion: 93 Resp: 65554

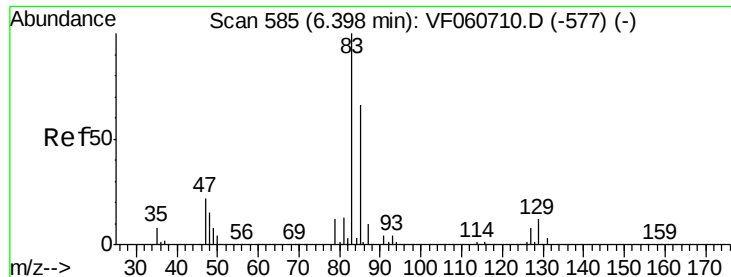
Ion Ratio Lower Upper

93 100

95 73.9 69.5 104.3

174 89.4 76.2 114.2





#47

Bromodichloromethane

Concen: 50.318 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

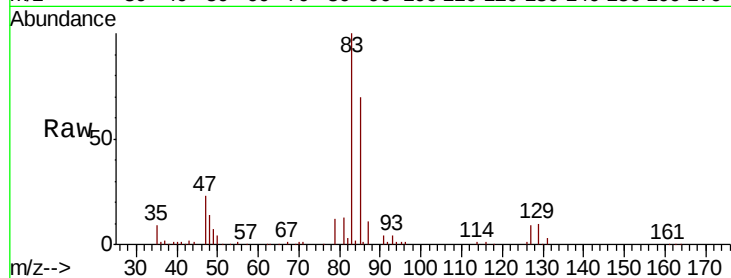
Tot Ion: 83 Resp: 161591

Ion Ratio Lower Upper

83 100

85 69.8 52.4 78.6

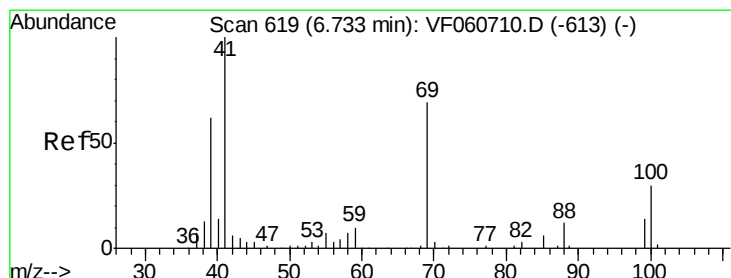
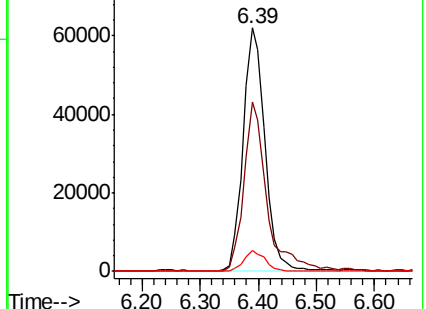
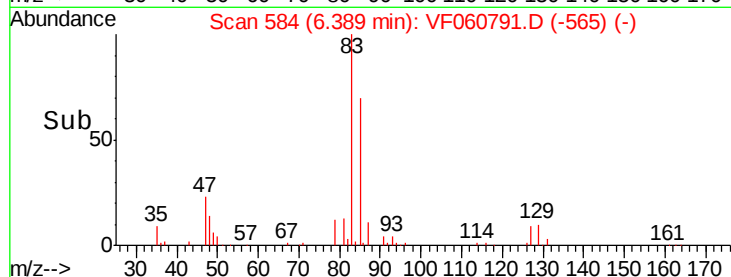
127 8.6 6.8 10.2



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: 48.596 ug/l

RT: 6.72 min Scan# 618

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

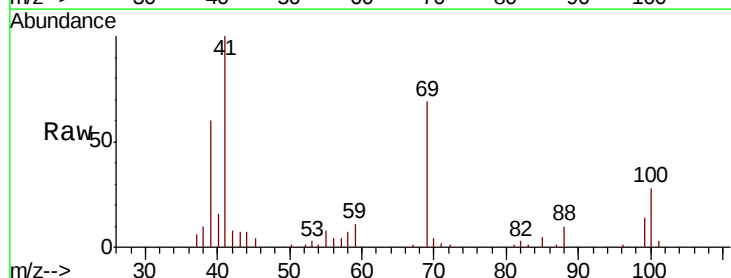
Tgt Ion: 41 Resp: 52069

Ion Ratio Lower Upper

41 100

69 69.0 54.9 82.3

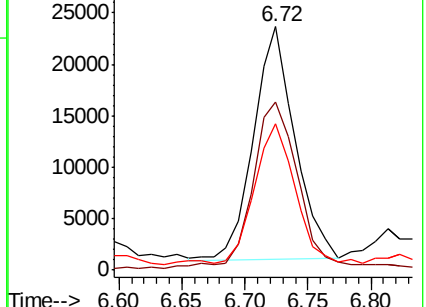
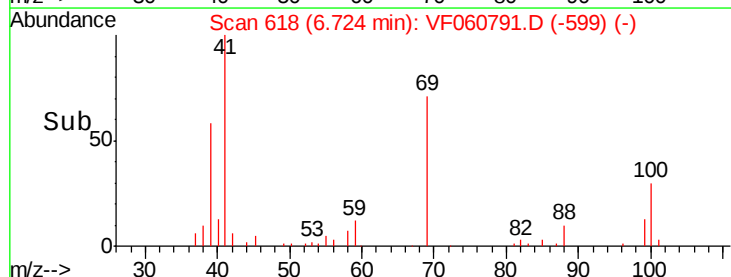
39 60.0 49.6 74.4

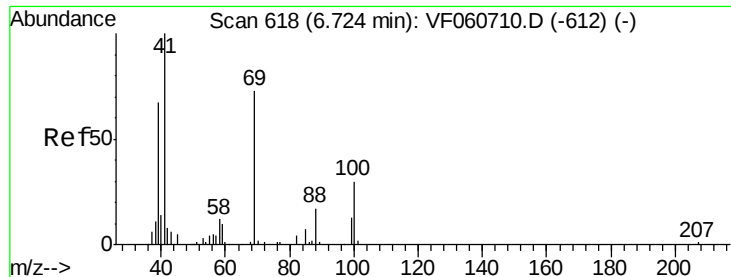


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

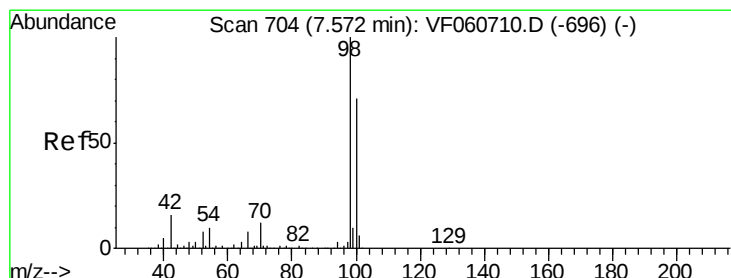
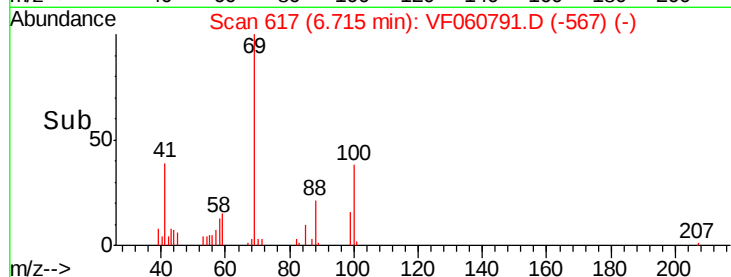
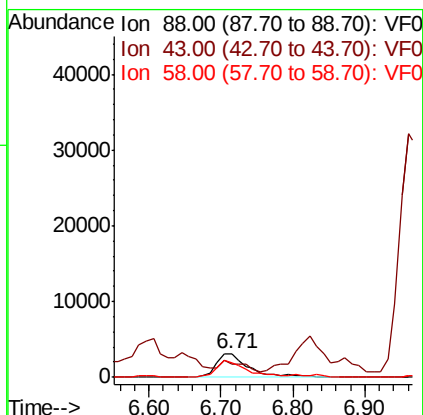
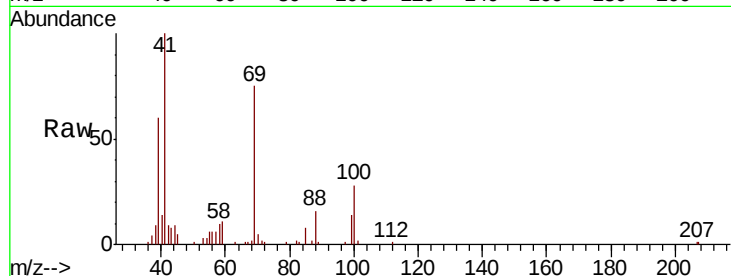




#49
1,4-Dioxane
Concen: 986.257 ug/l
RT: 6.71 min Scan# 617
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

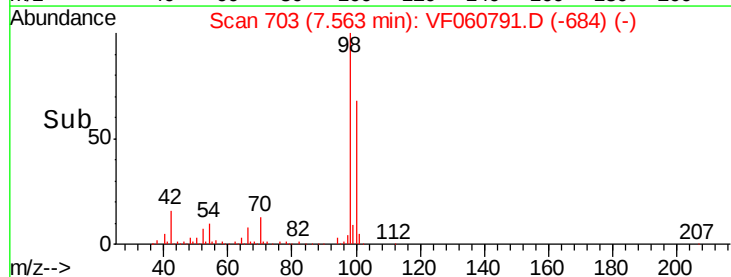
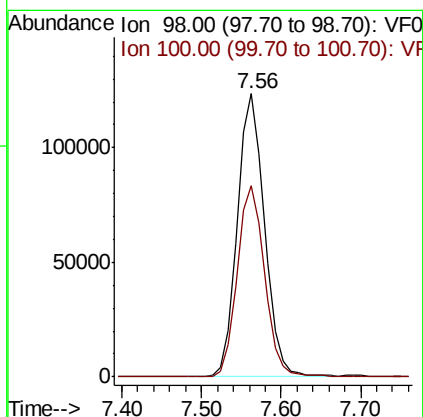
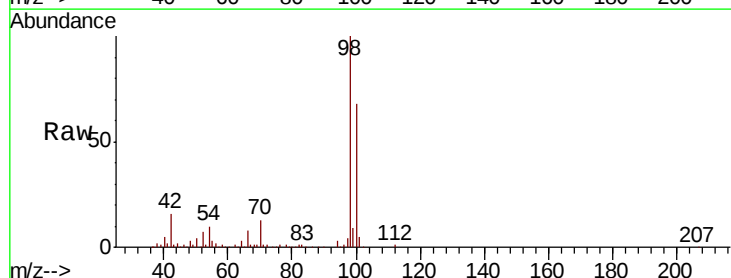
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

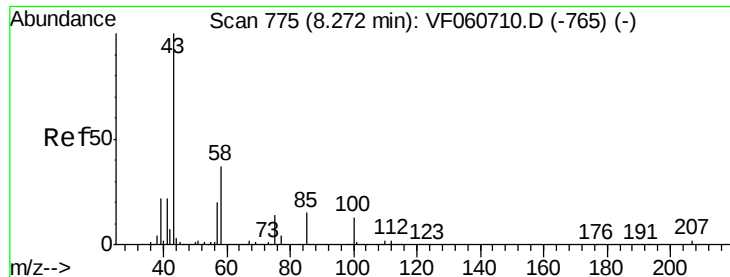
Tot Ion: 88 Resp: 9883
Ion Ratio Lower Upper
88 100
43 53.8 44.6 66.8
58 62.1 54.5 81.7



#50
Toluene-d8
Concen: 53.972 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 98 Resp: 293231
Ion Ratio Lower Upper
98 100
100 67.7 56.5 84.7





#51

4-Methyl-2-Pentanone

Concen: 258.573 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

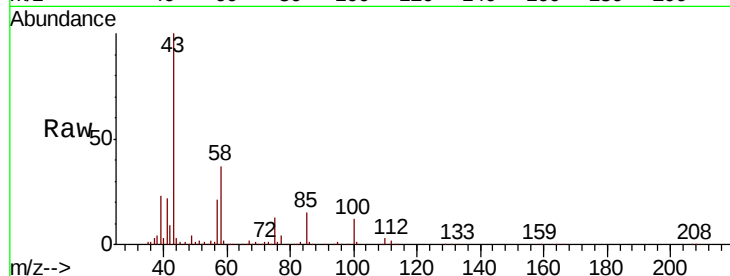
SSI-21-TW-2MS

Tot Ion: 43 Resp: 302767

Ion Ratio Lower Upper

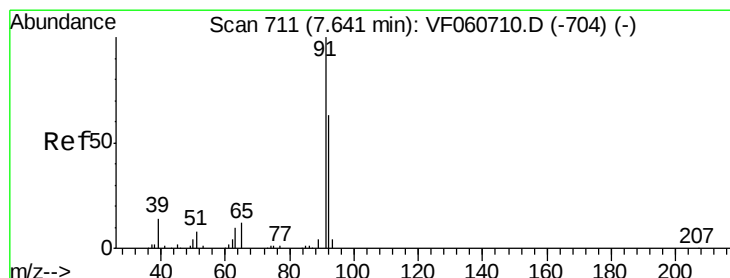
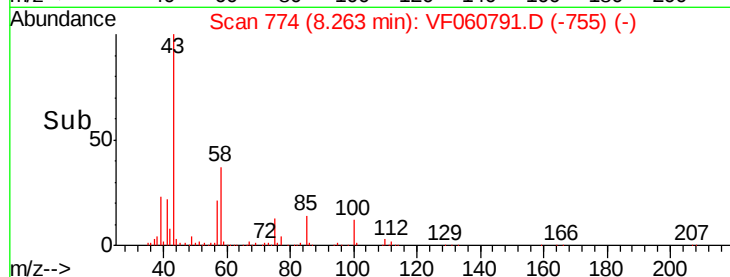
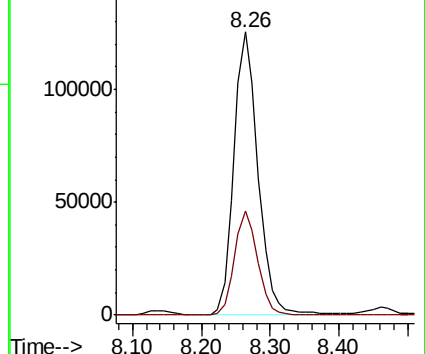
43 100

58 36.9 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: 51.287 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060791.D

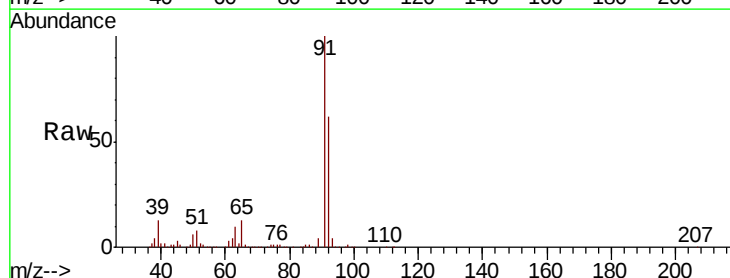
Acq: 19 Nov 2018 22:24

Tgt Ion: 92 Resp: 251622

Ion Ratio Lower Upper

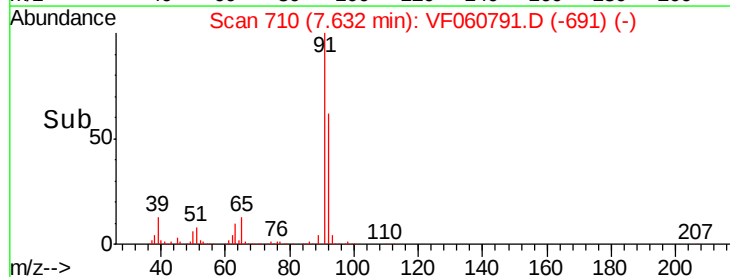
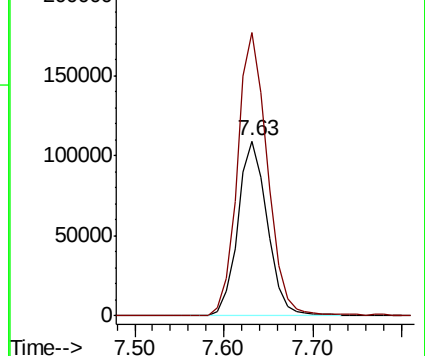
92 100

91 161.8 126.7 190.1



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: 47.421 ug/l

RT: 8.28 min Scan# 776

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

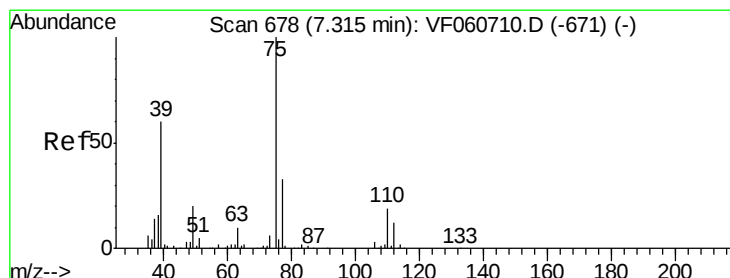
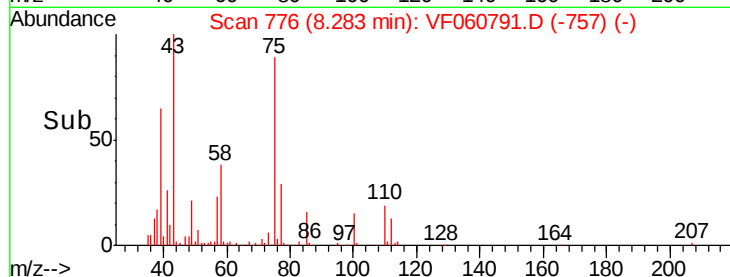
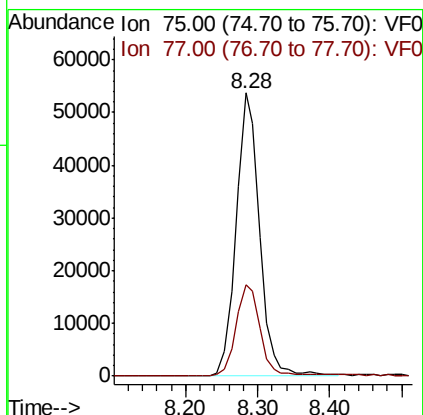
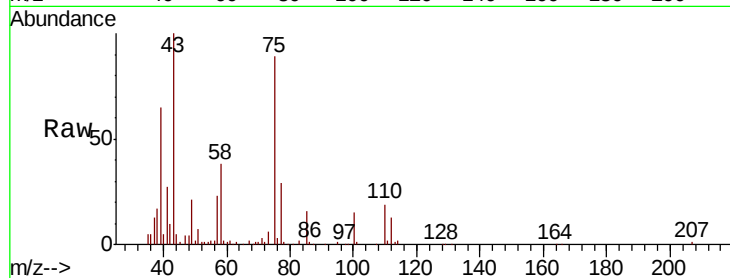
SSI-21-TW-2MS

Tot Ion: 75 Resp: 121974

Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 46.891 ug/l

RT: 7.31 min Scan# 677

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

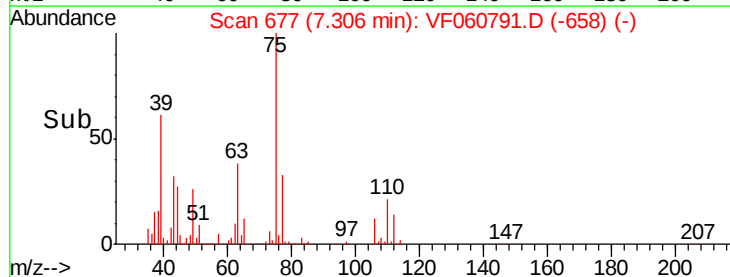
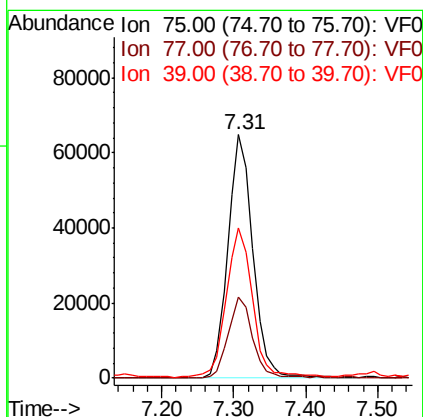
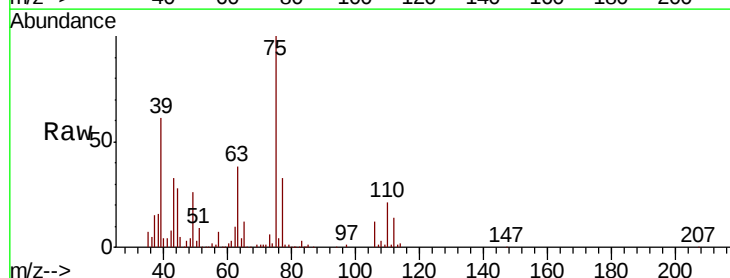
Tgt Ion: 75 Resp: 156667

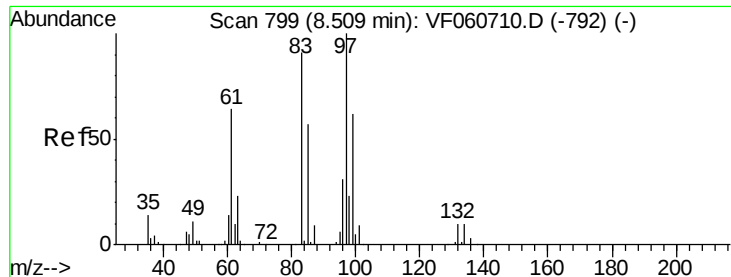
Ion Ratio Lower Upper

75 100

77 33.2 26.5 39.7

39 61.4 48.5 72.7





#55

1,1,2-Trichloroethane

Concen: 48.469 ug/l

RT: 8.50 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 97 Resp: 67943

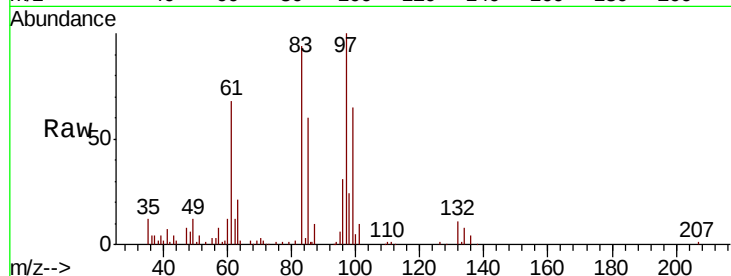
Ion Ratio Lower Upper

97 100

83 94.0 72.8 109.2

85 60.1 45.8 68.6

99 64.9 49.4 74.0

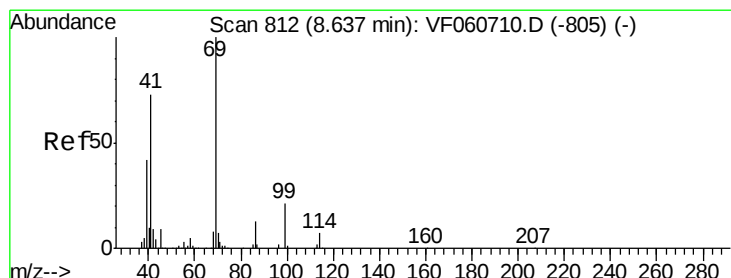
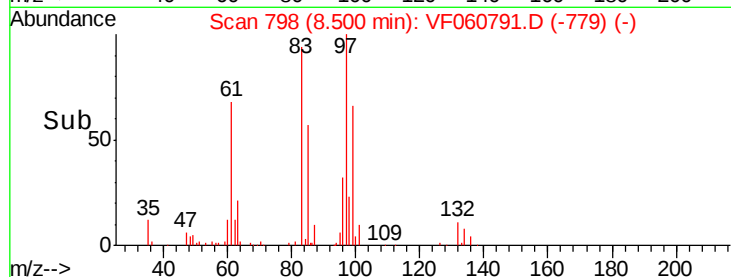
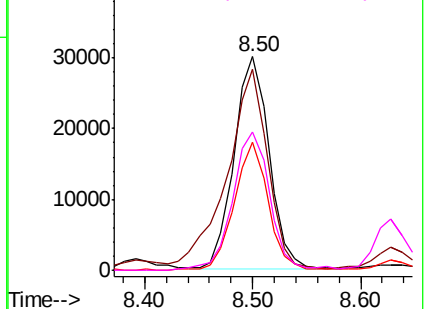


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 69.990 ug/l

RT: 8.63 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

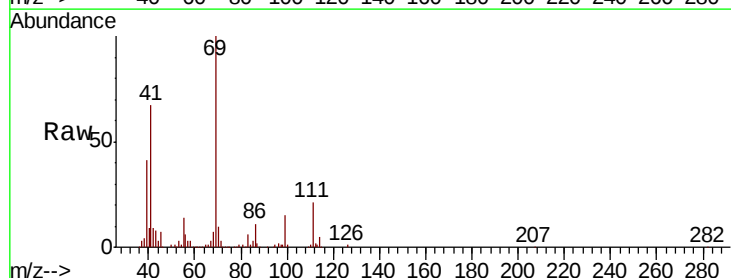
Tgt Ion: 69 Resp: 111425

Ion Ratio Lower Upper

69 100

41 67.3 59.0 88.6

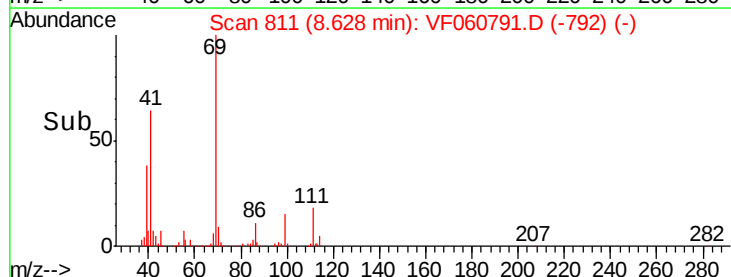
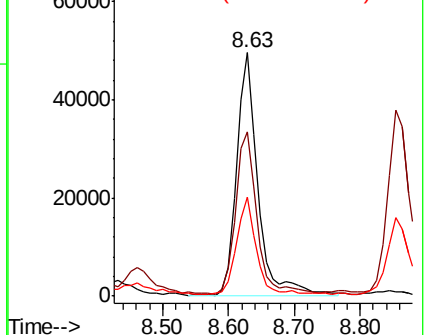
39 40.7 34.0 51.0

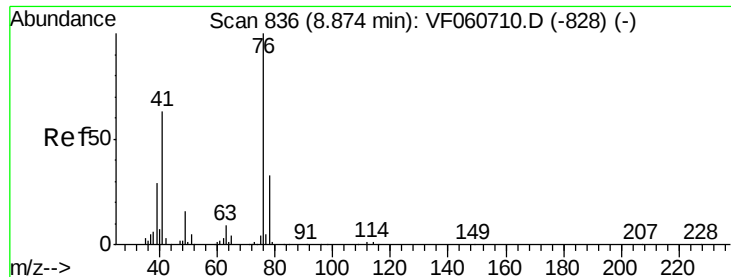


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 49.239 ug/l

RT: 8.86 min Scan# 834

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

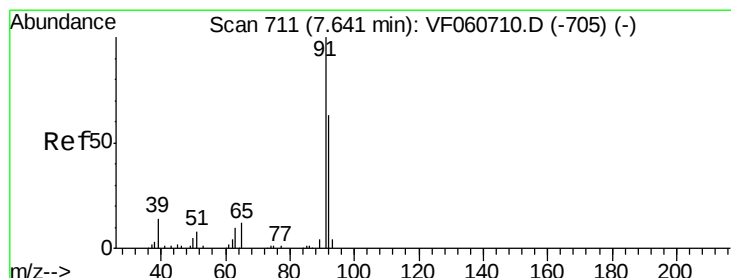
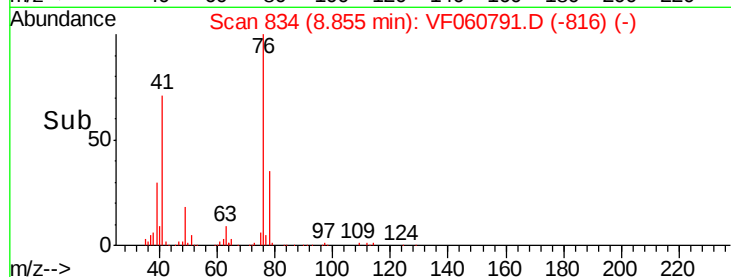
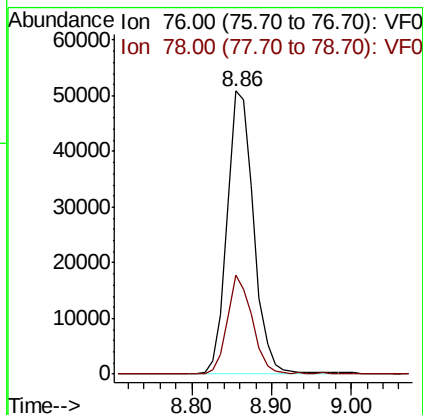
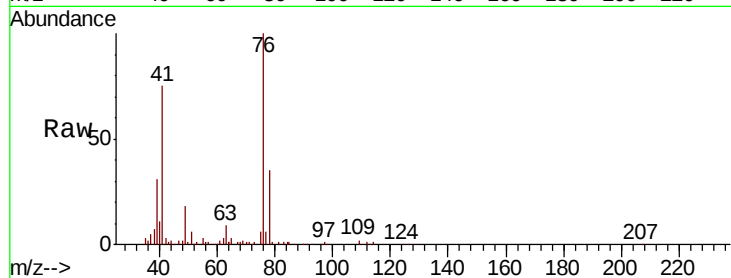
SSI-21-TW-2MS

Tot Ion: 76 Resp: 119621

Ion Ratio Lower Upper

76 100

78 35.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 271.975 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060791.D

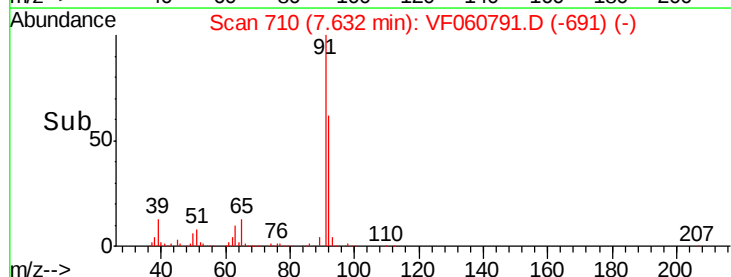
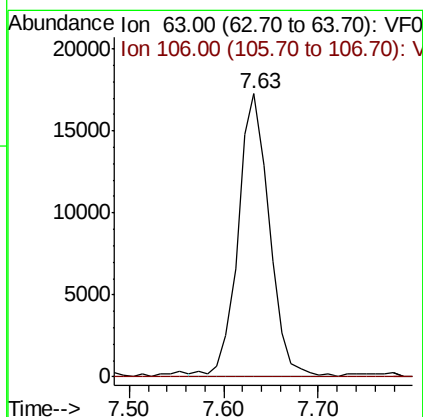
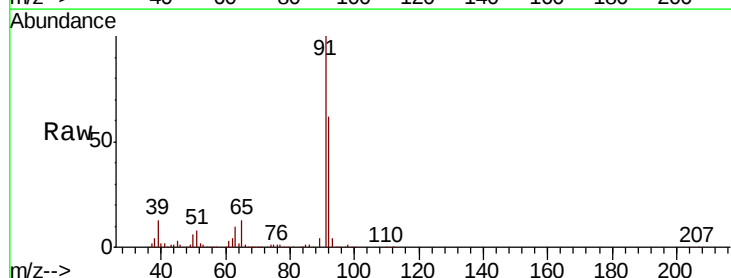
Acq: 19 Nov 2018 22:24

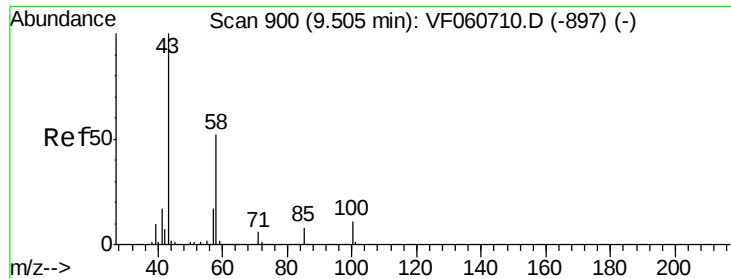
Tgt Ion: 63 Resp: 39553

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

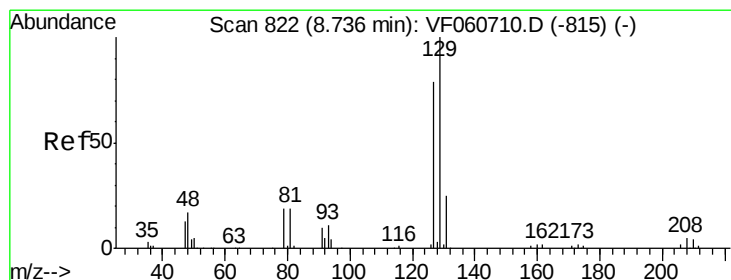
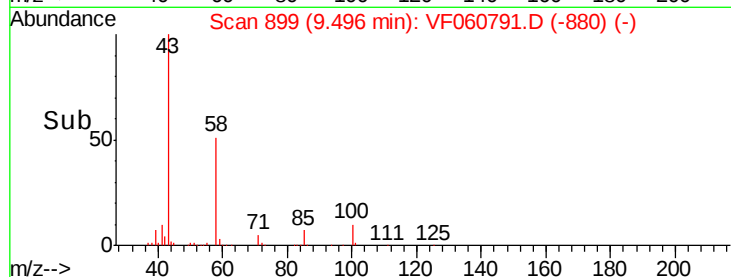
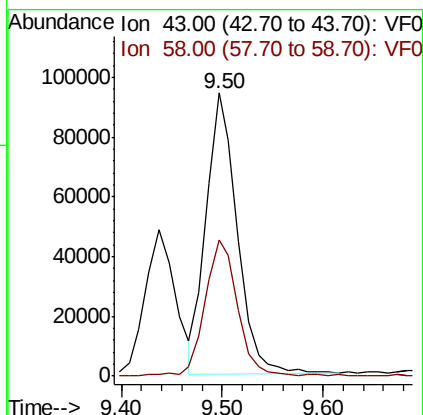
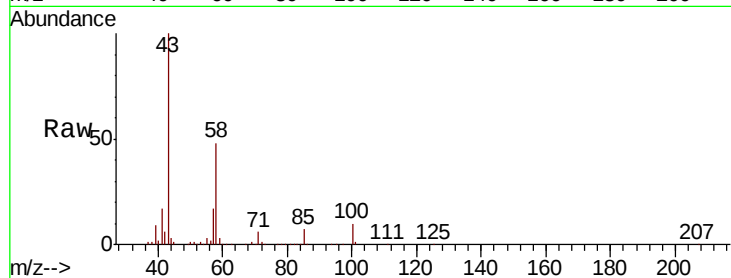




#59
2-Hexanone
Concen: 246.237 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

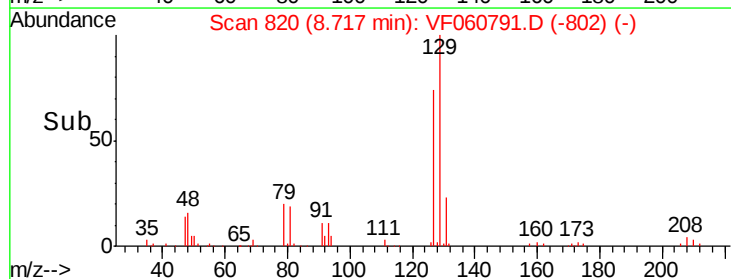
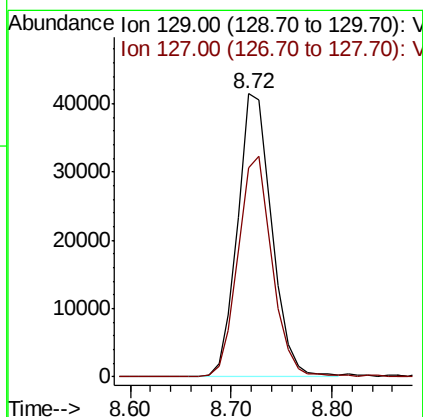
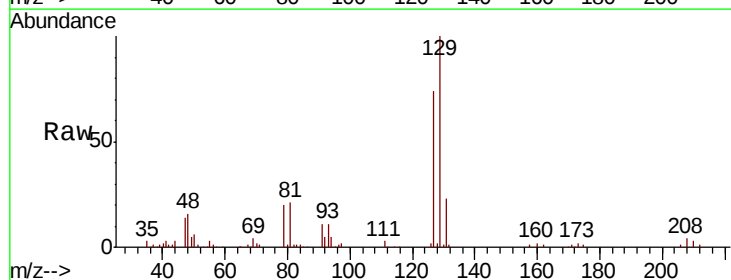
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

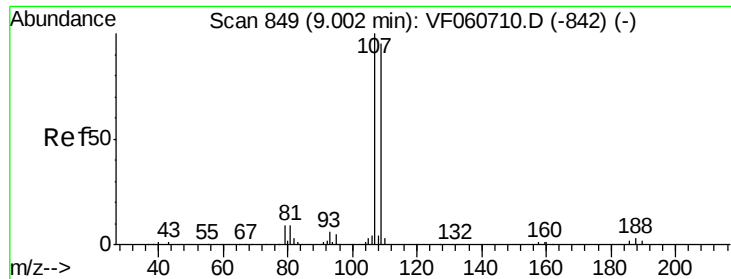
Tot Ion: 43 Resp: 202624
Ion Ratio Lower Upper
43 100
58 48.1 24.9 74.7



#60
Dibromochloromethane
Concen: 49.019 ug/l
RT: 8.72 min Scan# 820
Delta R.T. -0.02 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 129 Resp: 97930
Ion Ratio Lower Upper
129 100
127 73.8 39.7 119.1





#61

1,2-Dibromoethane

Concen: 50.097 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

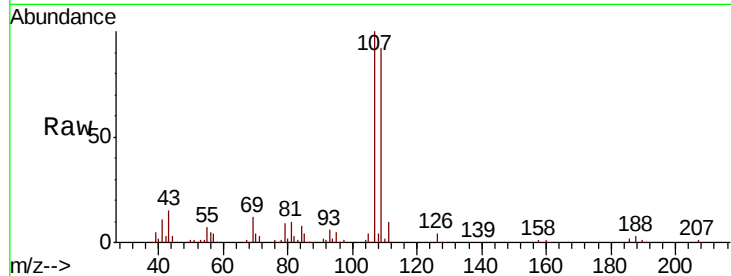
SSI-21-TW-2MS

Tot Ion:107 Resp: 73855

Ion Ratio Lower Upper

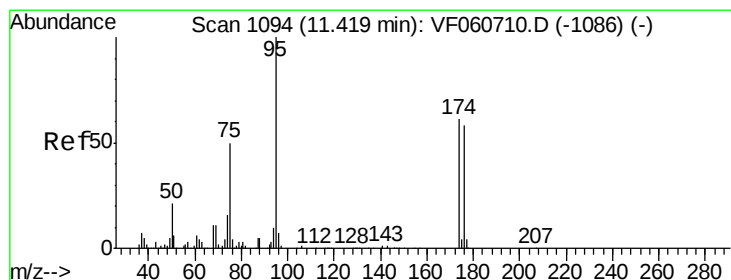
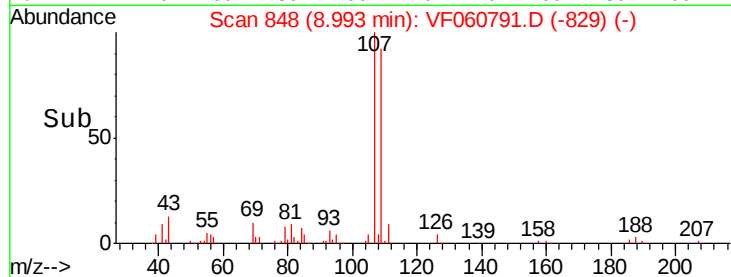
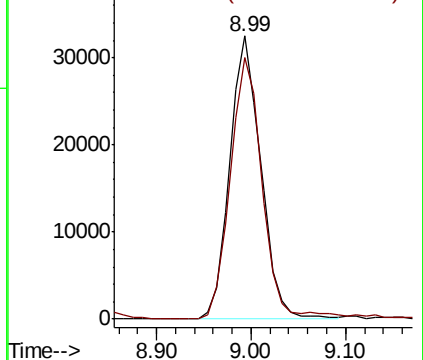
107 100

109 92.4 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: 53.537 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

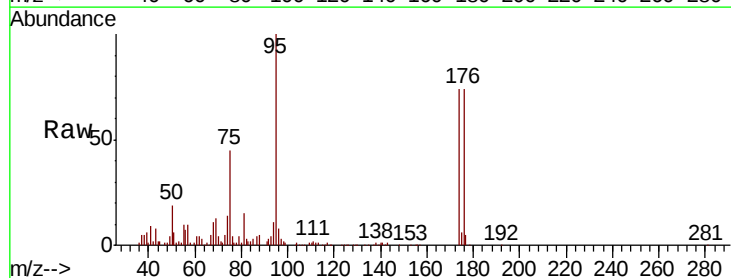
Tgt Ion: 95 Resp: 134146

Ion Ratio Lower Upper

95 100

174 74.5 0.0 121.6

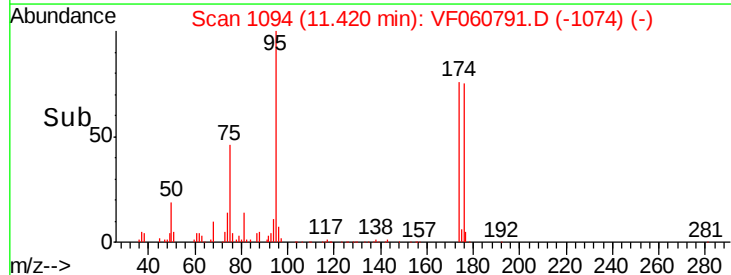
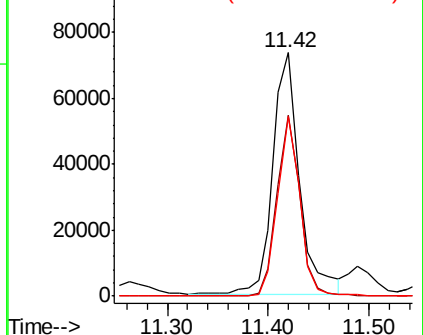
176 73.7 0.0 115.2

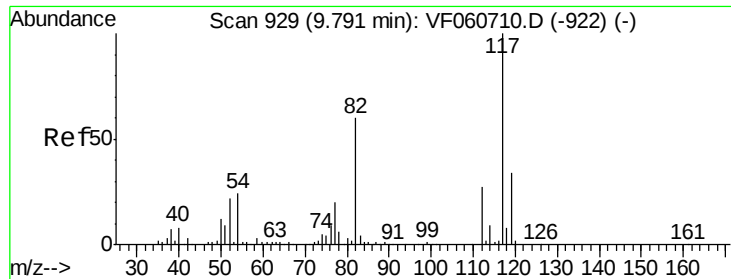


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

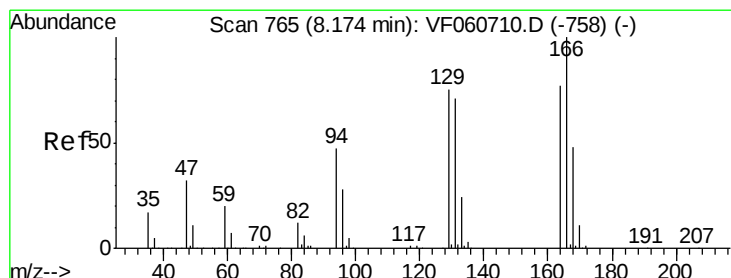
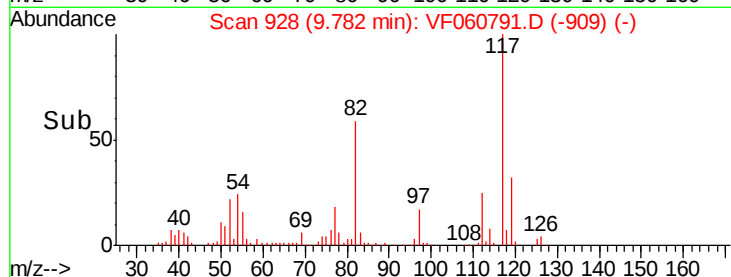
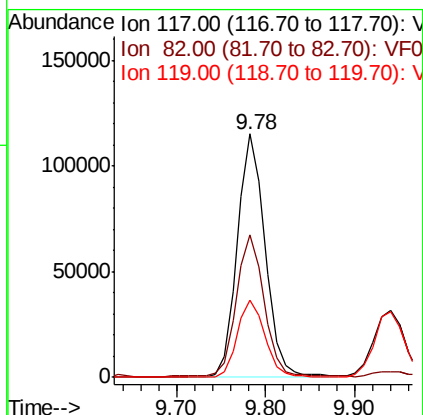
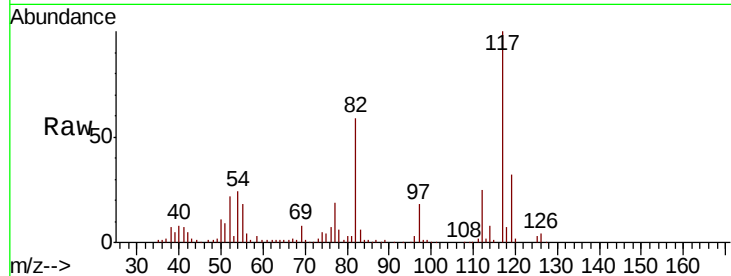




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

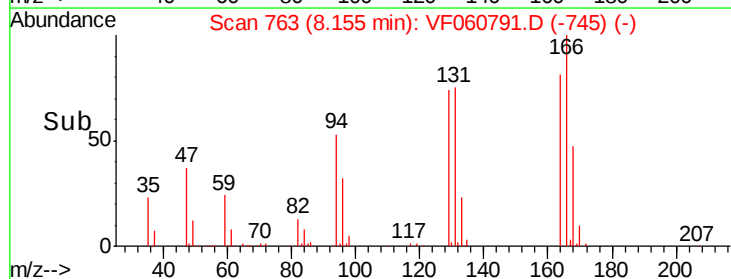
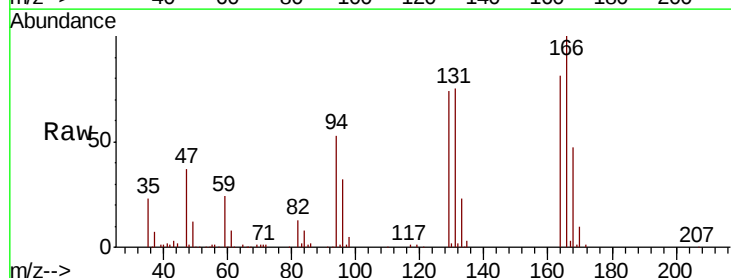
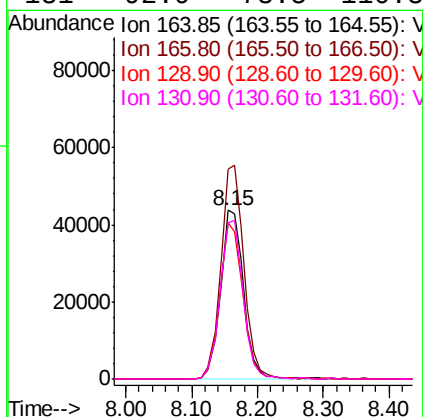
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion:117 Resp: 251105
Ion Ratio Lower Upper
117 100
82 58.8 47.9 71.9
119 31.9 26.8 40.2



#64
Tetrachloroethene
Concen: 53.426 ug/l
RT: 8.15 min Scan# 763
Delta R.T. -0.02 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion:164 Resp: 106237
Ion Ratio Lower Upper
164 100
166 124.1 103.5 155.3
129 92.4 77.4 116.2
131 92.9 73.5 110.3

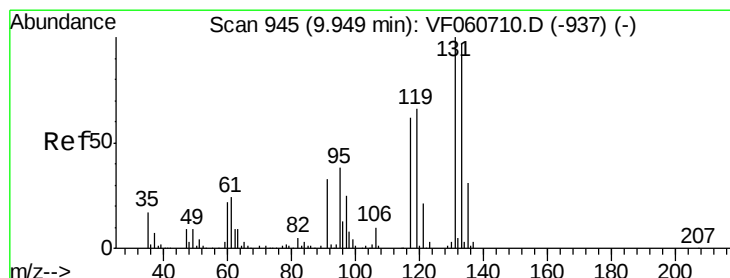
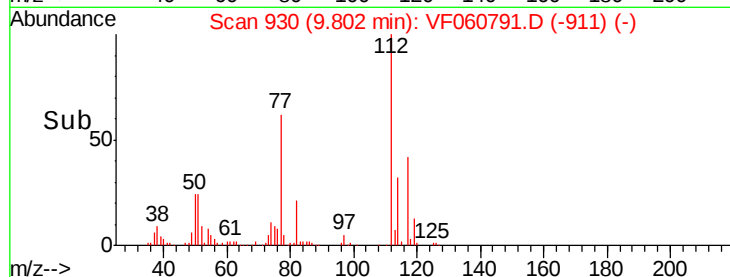
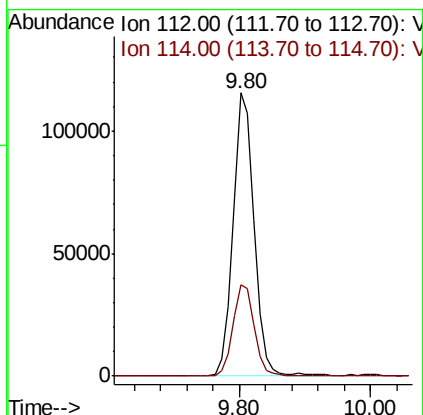
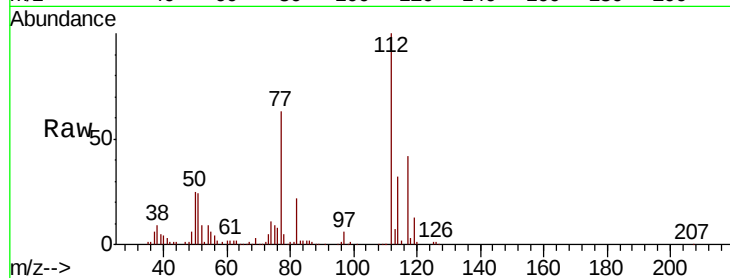




#65
Chlorobenzene
Concen: 51.413 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

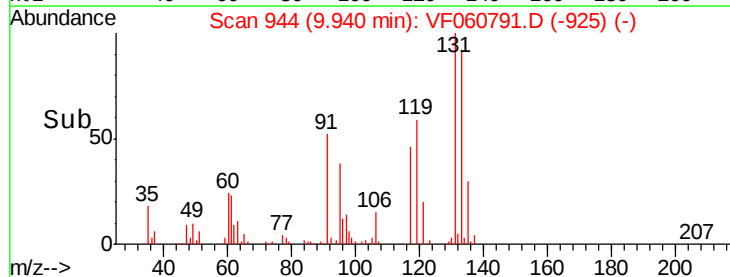
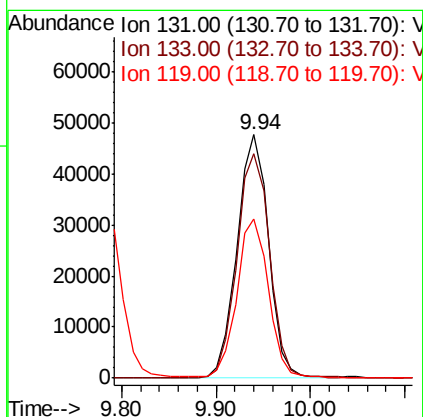
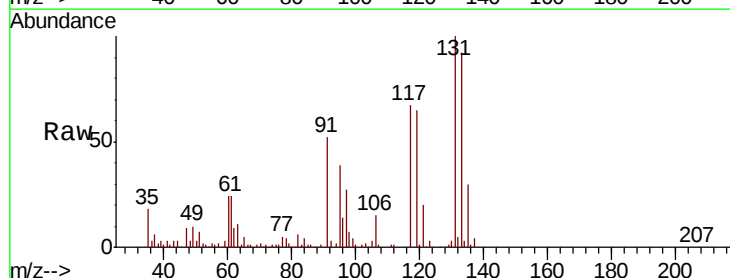
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

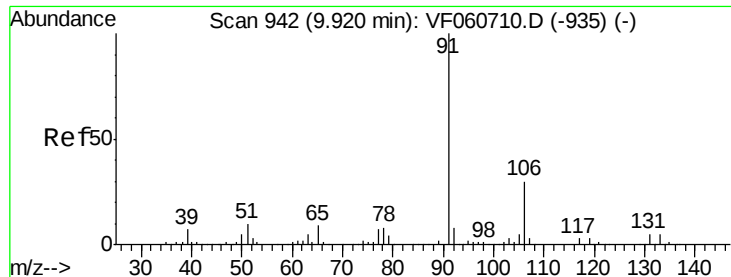
Tot Ion:112 Resp: 260516
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.079 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion:131 Resp: 110679
Ion Ratio Lower Upper
131 100
133 92.2 48.3 144.8
119 65.4 33.2 99.6

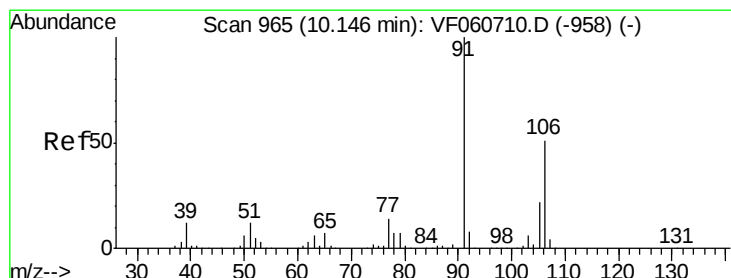
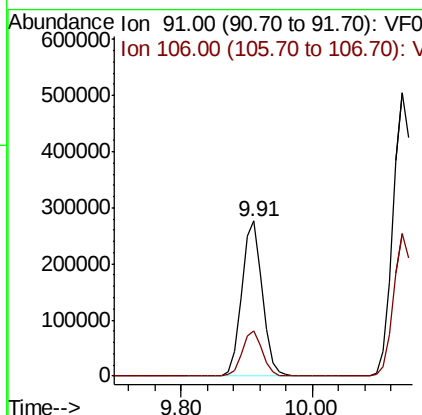
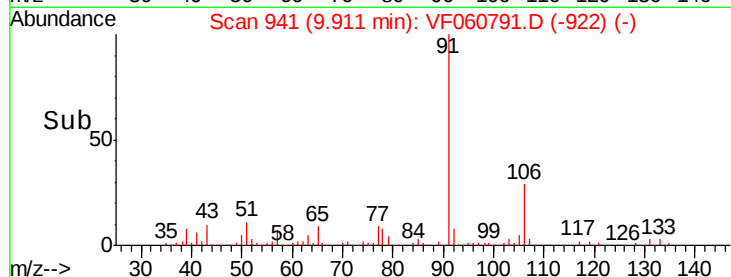
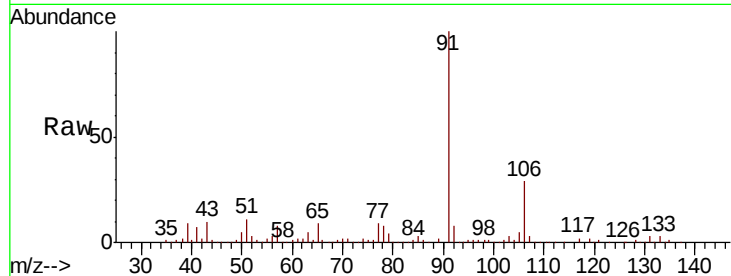




#67
Ethyl Benzene
Concen: 63.896 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

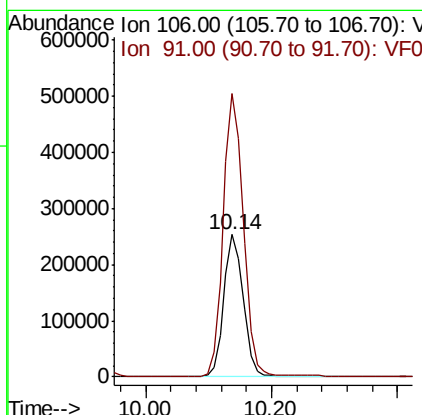
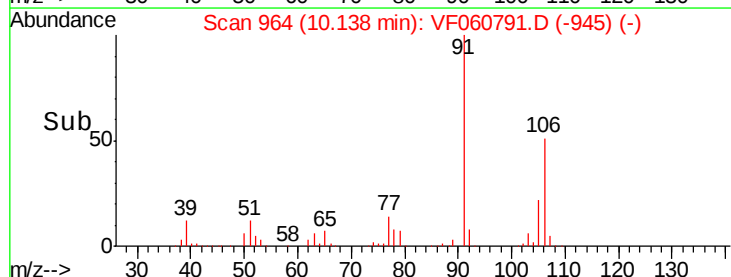
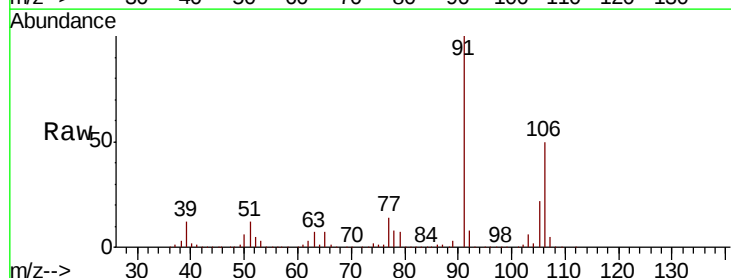
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

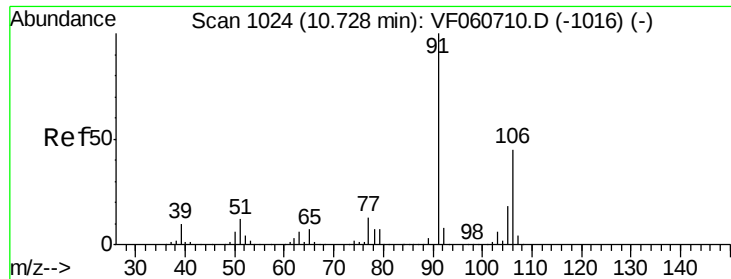
Tot Ion: 91 Resp: 610282
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9



#68
m/p-Xylenes
Concen: 159.763 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 106 Resp: 545326
Ion Ratio Lower Upper
106 100
91 199.4 158.2 237.2

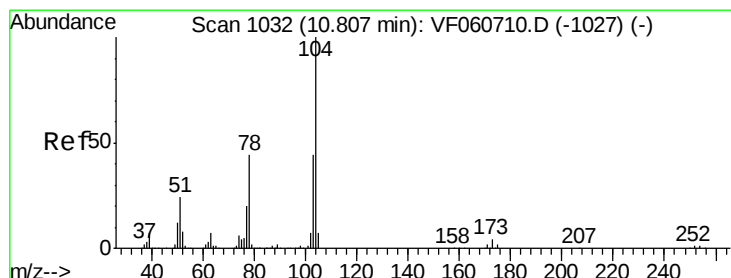
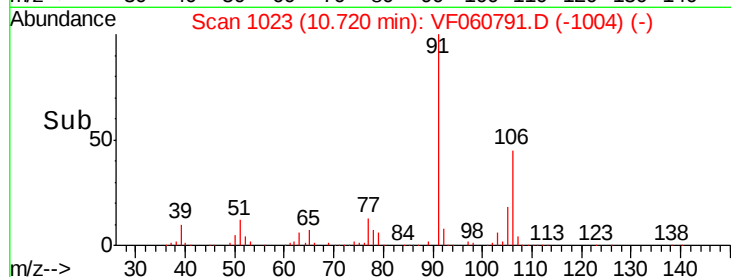
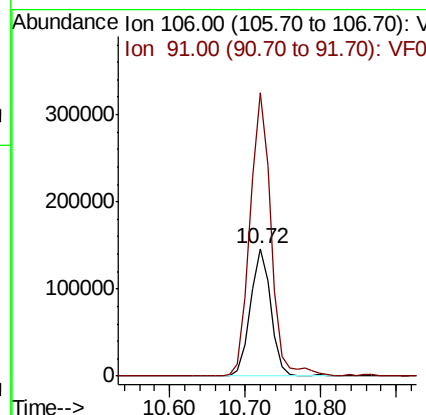
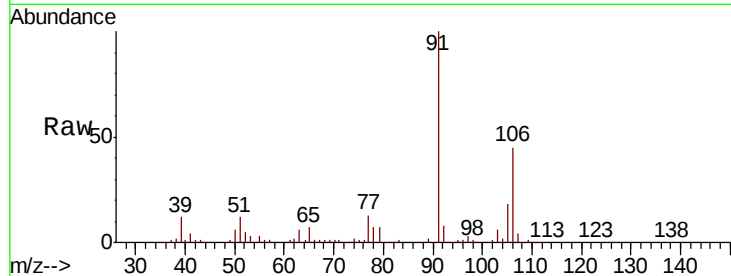




#69
o-Xylene
Concen: 71.842 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

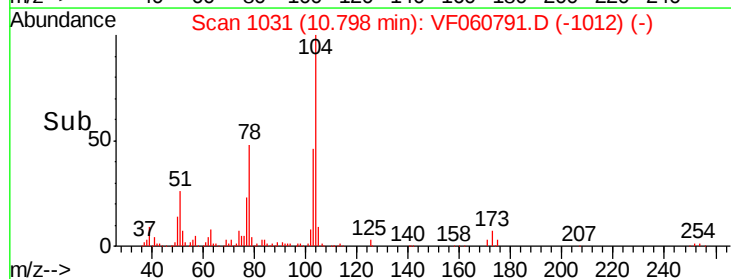
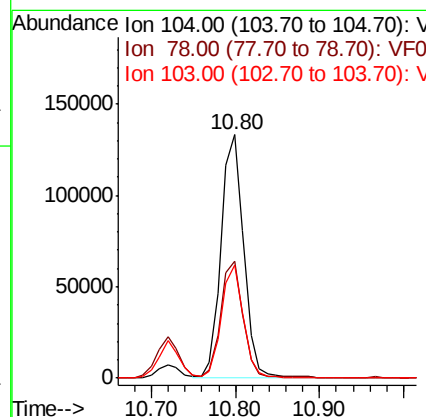
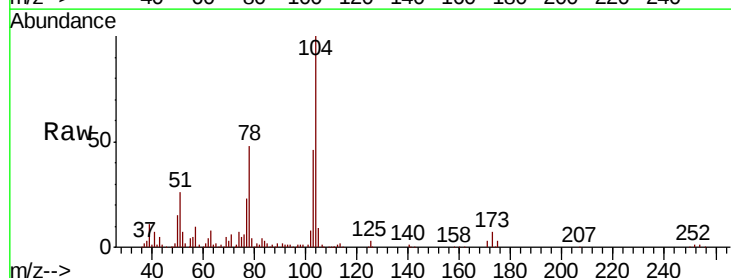
Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

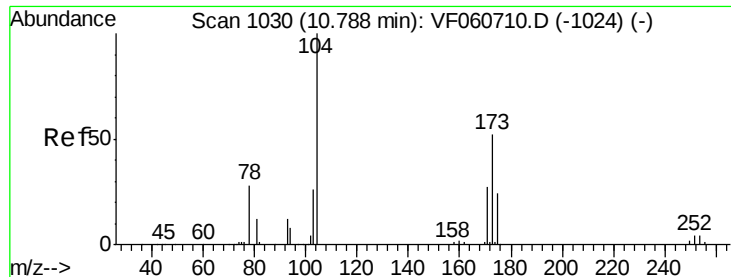
Tot Ion:106 Resp: 275699
Ion Ratio Lower Upper
106 100
91 222.0 110.3 330.9



#70
Styrene
Concen: 47.722 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion:104 Resp: 248542
Ion Ratio Lower Upper
104 100
78 47.9 35.4 53.2
103 46.4 35.8 53.6





#71

Bromoform

Concen: 48.250 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

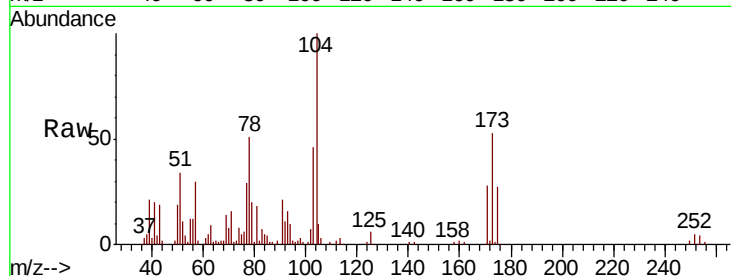
Tot Ion:173 Resp: 47953

Ion Ratio Lower Upper

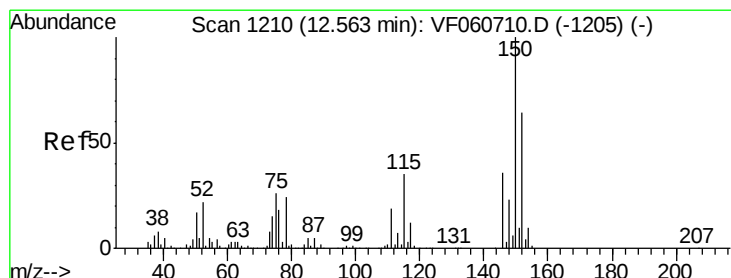
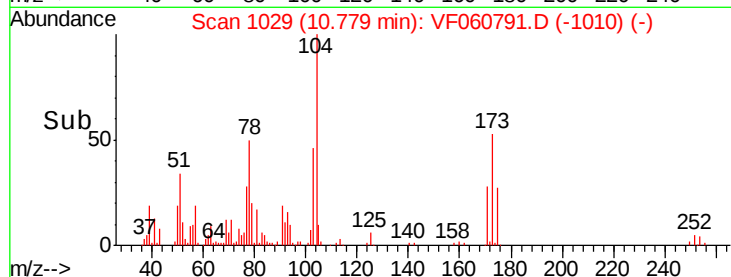
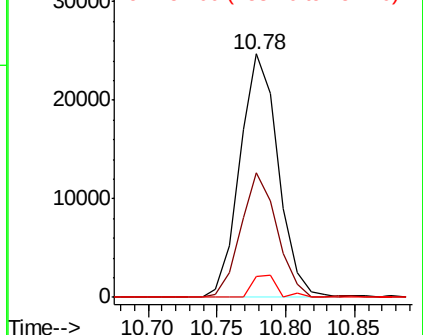
173 100

175 52.0 23.4 70.0

254 8.4 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: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

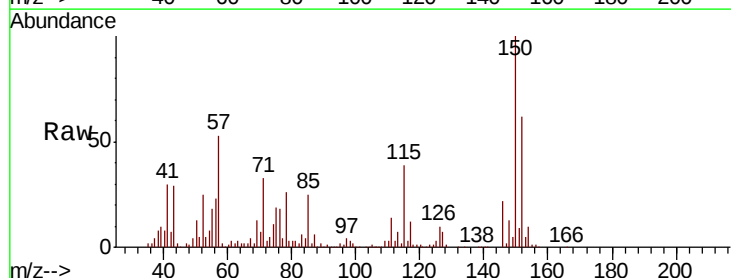
Tgt Ion:152 Resp: 114284

Ion Ratio Lower Upper

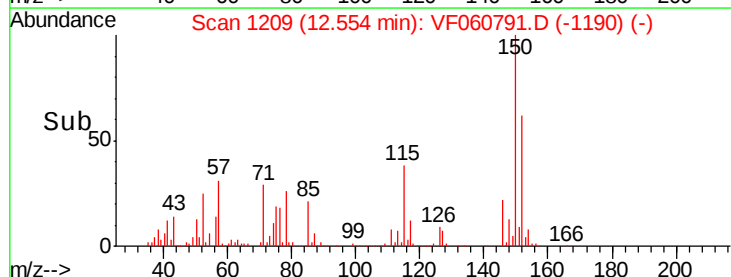
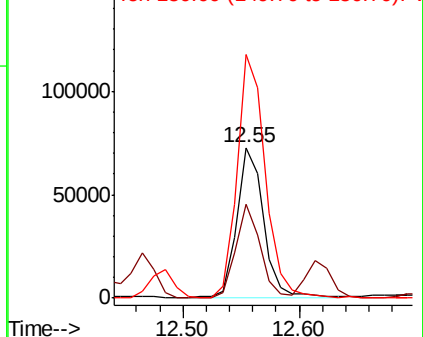
152 100

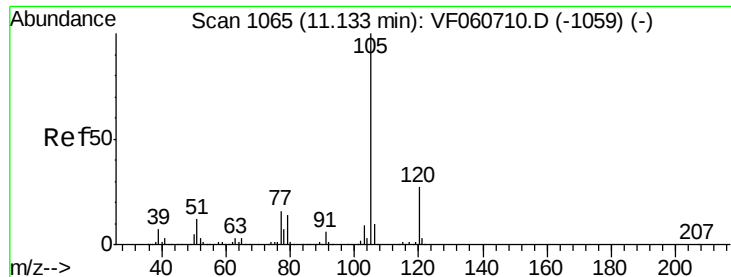
115 62.4 27.9 83.7

150 161.9 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: 55.674 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

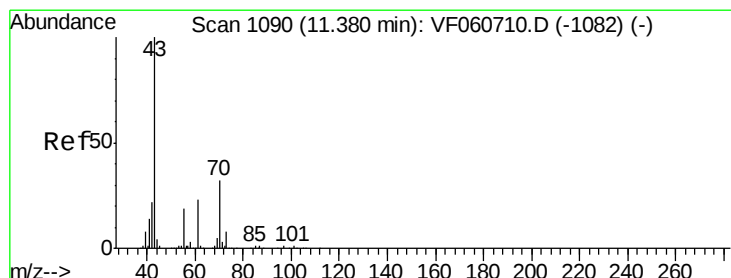
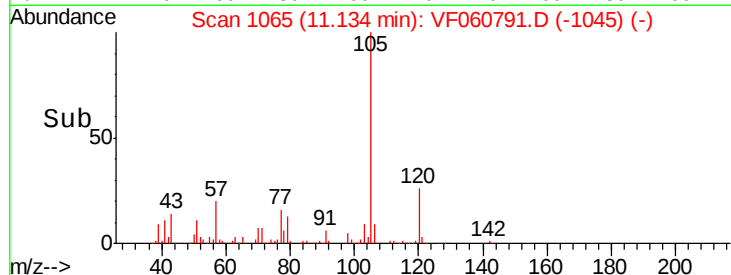
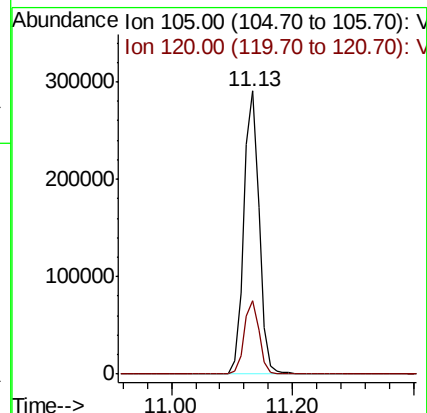
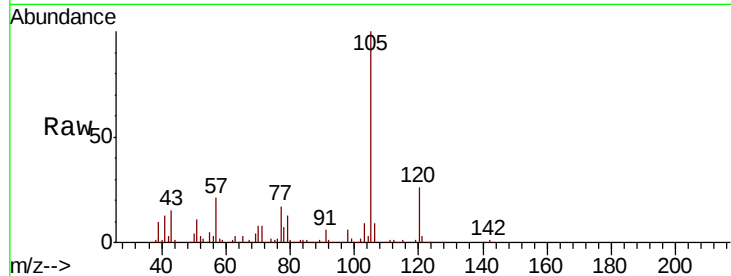
SSI-21-TW-2MS

Tot Ion:105 Resp: 512148

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 64.534 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion: 43 Resp: 135145

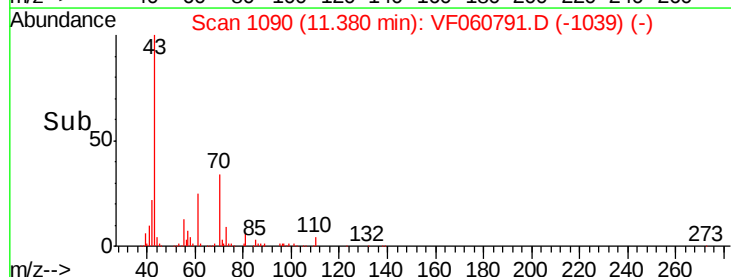
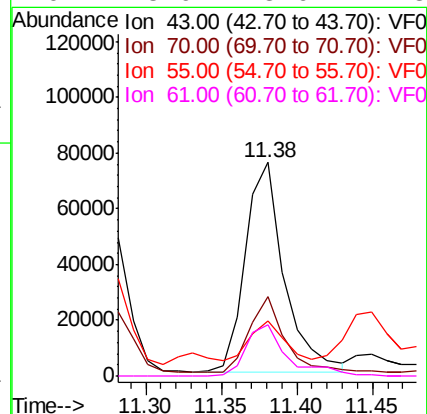
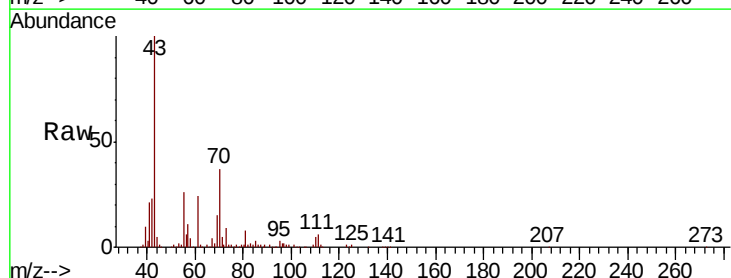
Ion Ratio Lower Upper

43 100

70 37.2 25.5 38.3

55 25.8 14.9 22.3#

61 23.9 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 61.115 ug/l

RT: 11.71 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

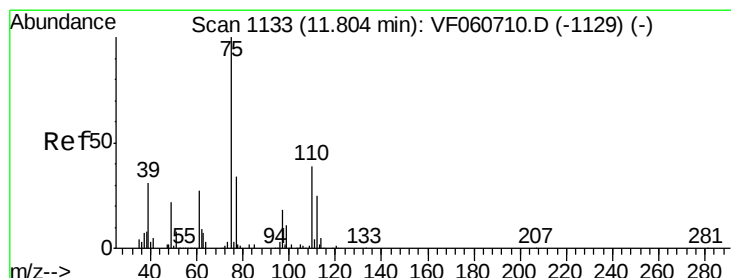
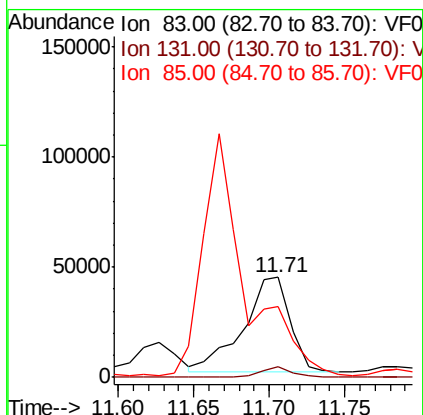
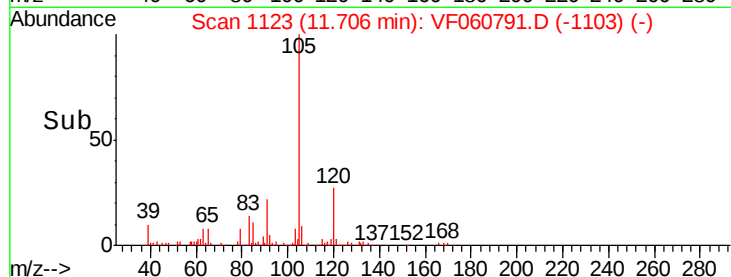
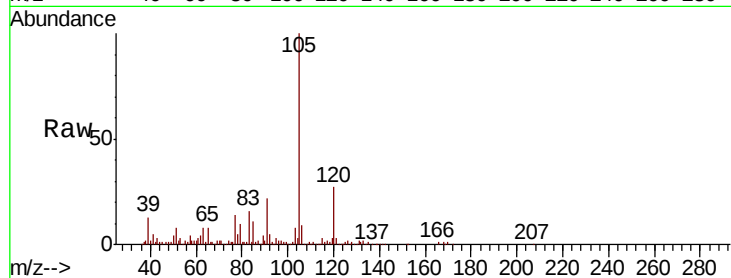
Tot Ion: 83 Resp: 92949

Ion Ratio Lower Upper

83 100

131 10.7 4.2 12.4

85 70.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 58.934 ug/l

RT: 11.80 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VF060791.D

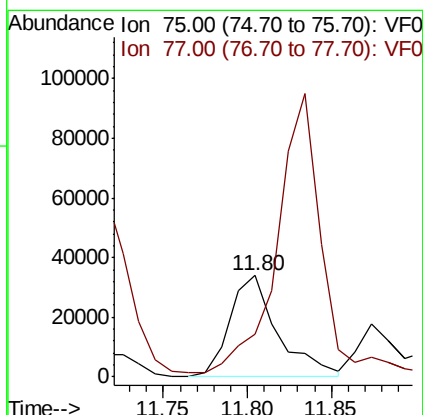
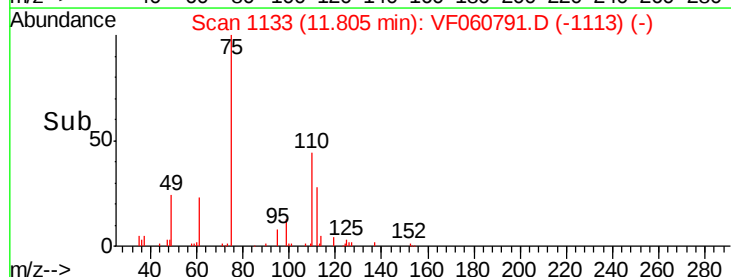
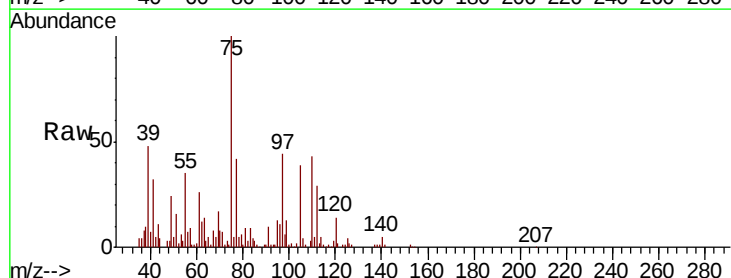
Acq: 19 Nov 2018 22:24

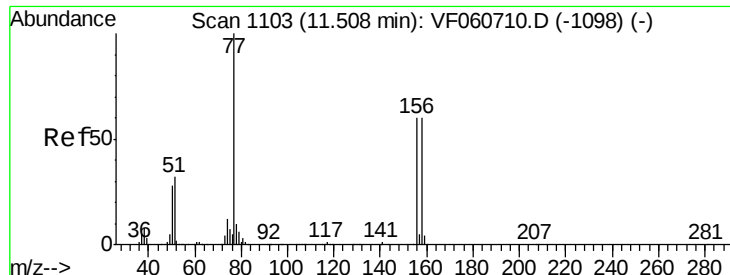
Tgt Ion: 75 Resp: 66568

Ion Ratio Lower Upper

75 100

77 41.9 17.0 51.0





#77

Bromobenzene

Concen: 55.017 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

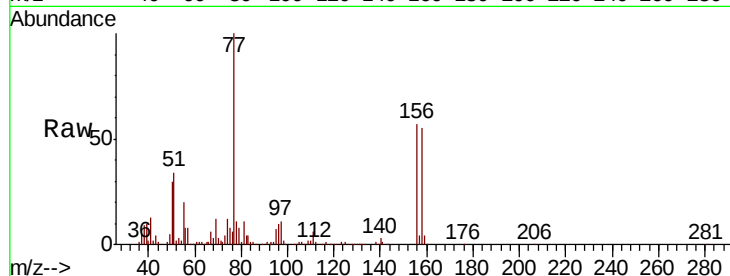
Tot Ion:156 Resp: 105348

Ion Ratio Lower Upper

156 100

77 175.8 83.0 248.9

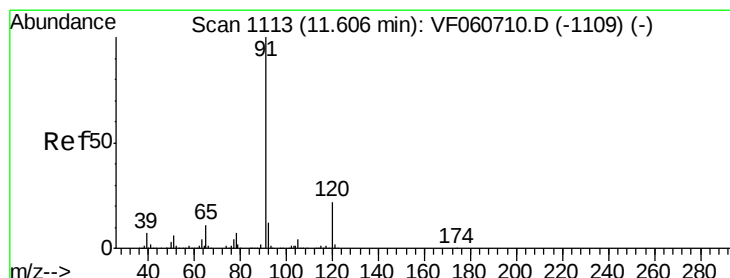
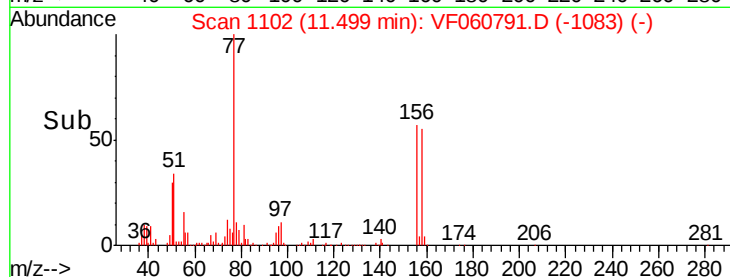
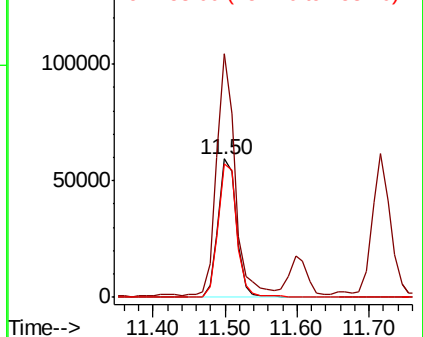
158 96.2 49.6 149.0



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: 62.072 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF060791.D

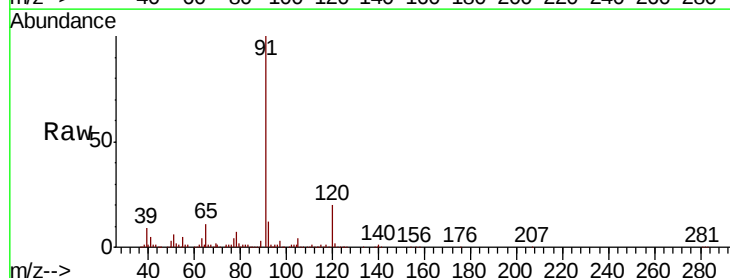
Acq: 19 Nov 2018 22:24

Tgt Ion: 91 Resp: 665955

Ion Ratio Lower Upper

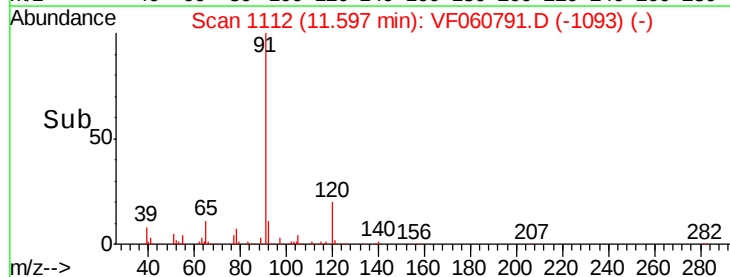
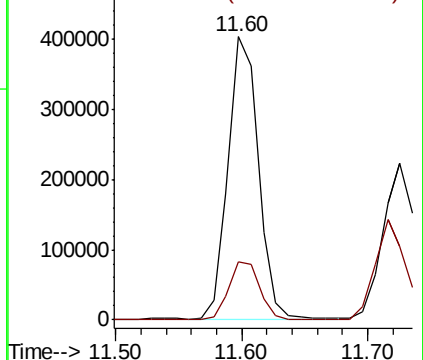
91 100

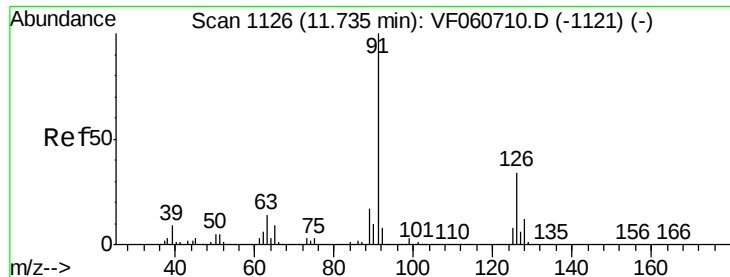
120 20.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

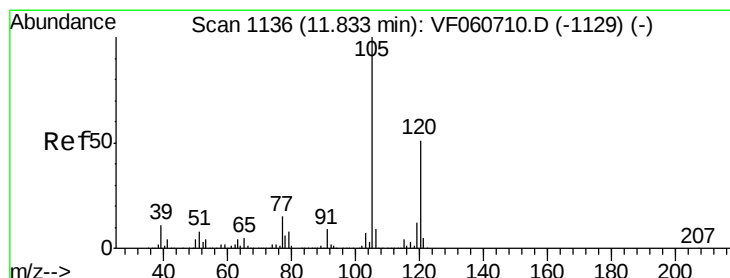
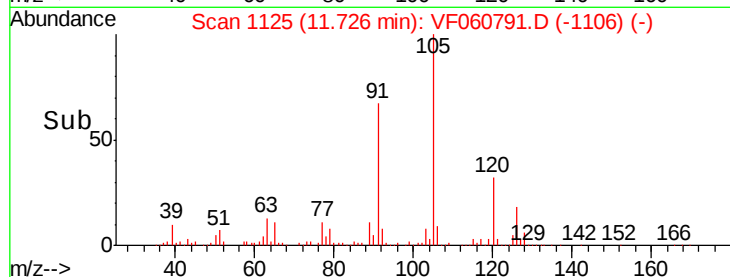
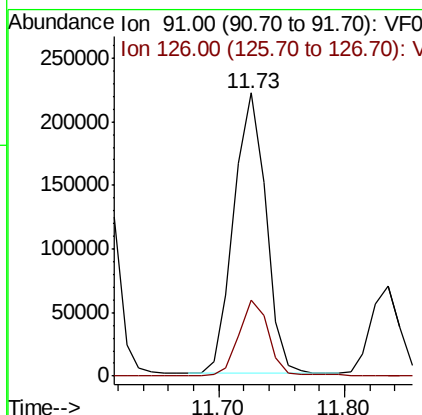
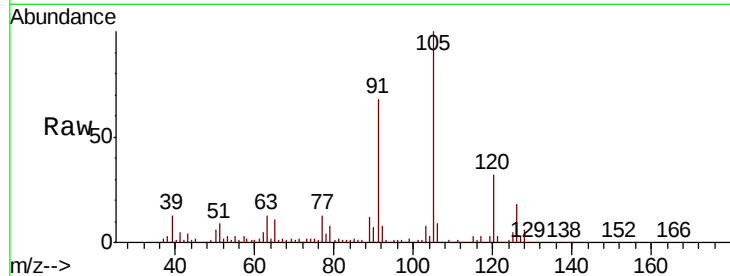




#79
 2-Chlorotoluene
 Concen: 62.561 ug/l
 RT: 11.73 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

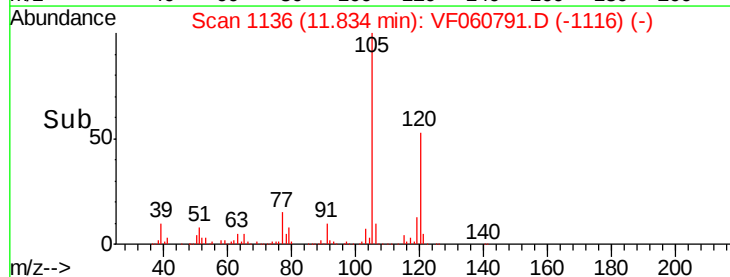
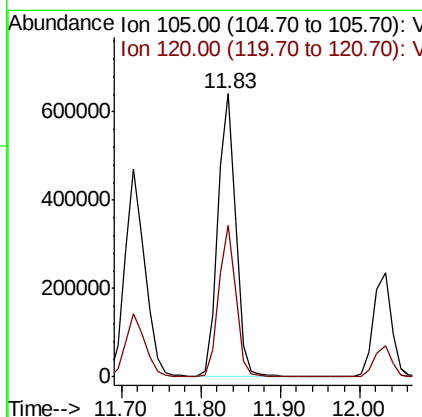
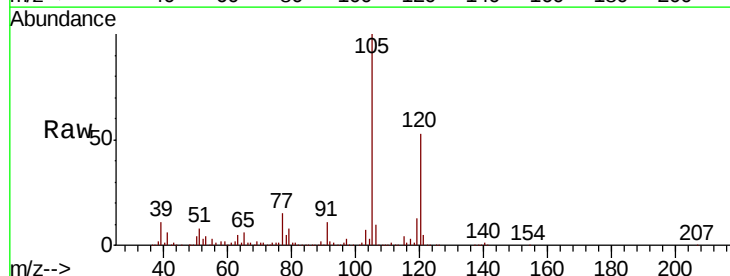
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

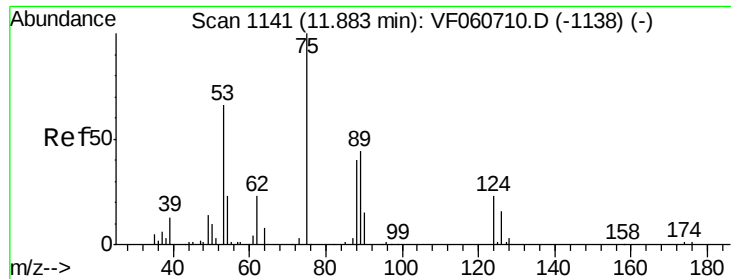
Tot Ion: 91 Resp: 390105
 Ion Ratio Lower Upper
 91 100
 126 26.9 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 140.034 ug/l
 RT: 11.83 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion: 105 Resp: 1022703
 Ion Ratio Lower Upper
 105 100
 120 53.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 62.211 ug/l

RT: 11.87 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

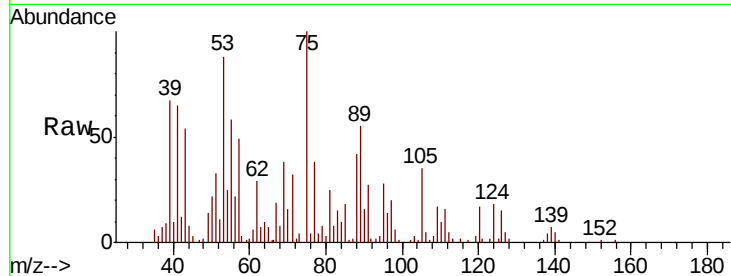
Tot Ion: 75 Resp: 34522

Ion Ratio Lower Upper

75 100

53 88.3 57.0 85.4#

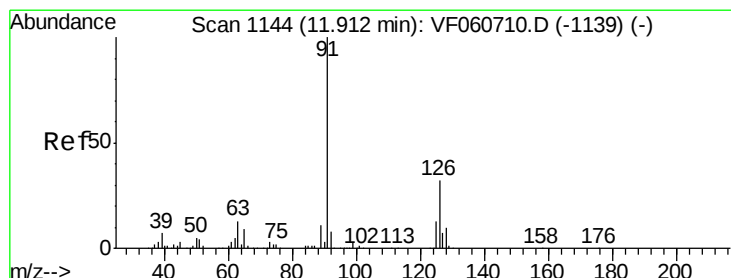
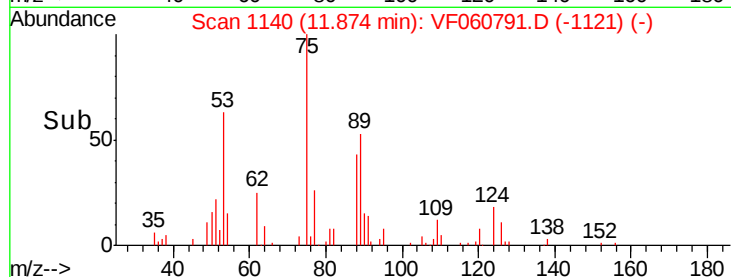
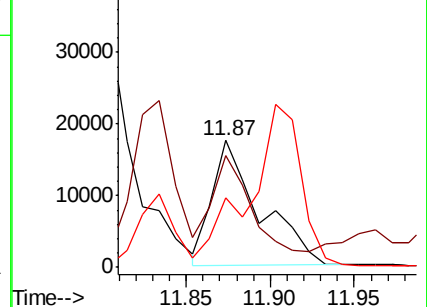
89 54.8 37.8 56.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 51.997 ug/l

RT: 11.90 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VF060791.D

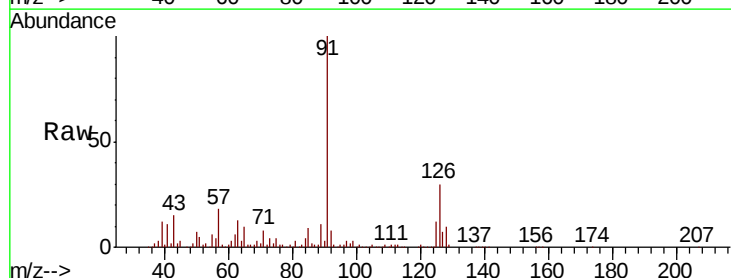
Acq: 19 Nov 2018 22:24

Tgt Ion: 91 Resp: 332162

Ion Ratio Lower Upper

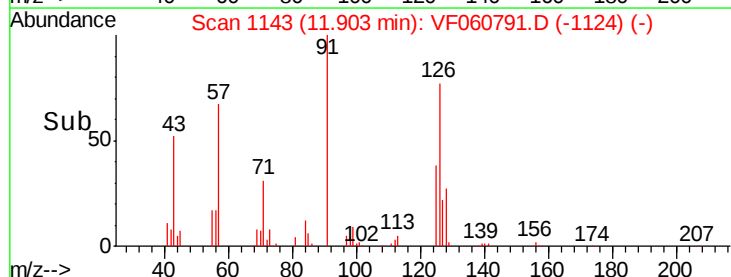
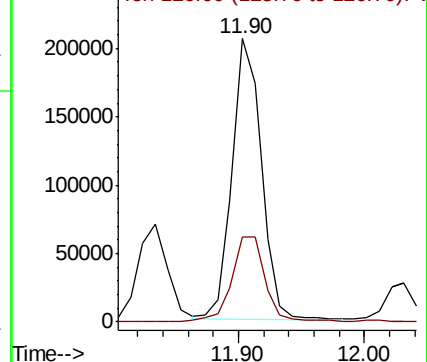
91 100

126 30.2 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

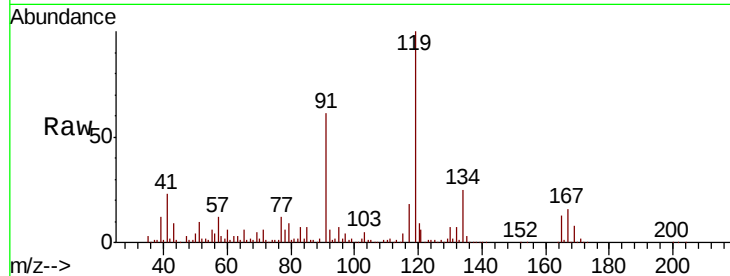




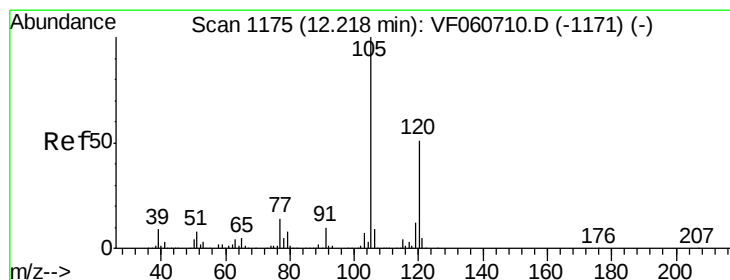
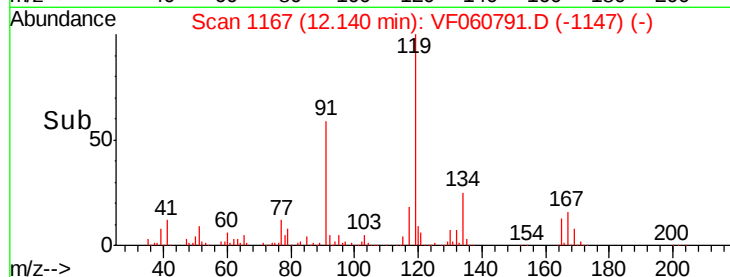
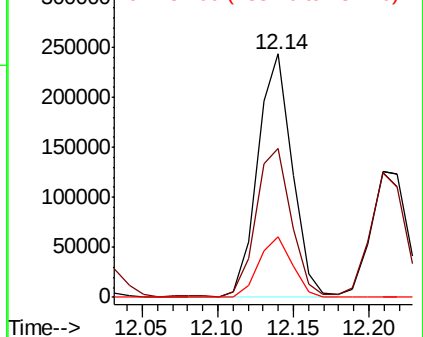
#83
tert-Butylbenzene
Concen: 49.976 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.00 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

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

Tot Ion:119 Resp: 387535
Ion Ratio Lower Upper
119 100
91 60.9 31.4 94.3
134 24.9 12.8 38.4

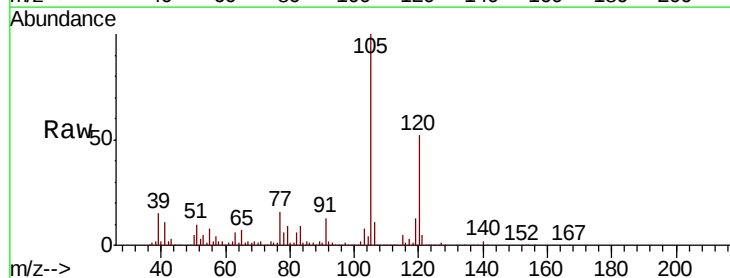


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VF0
Ion 134.00 (133.70 to 134.70): V

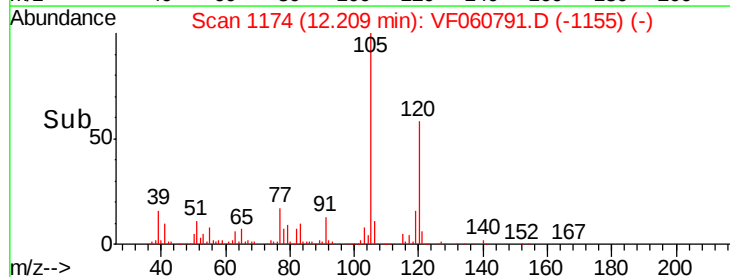
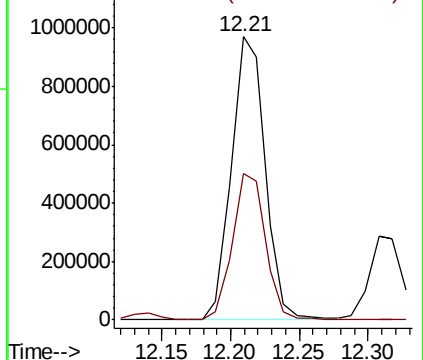


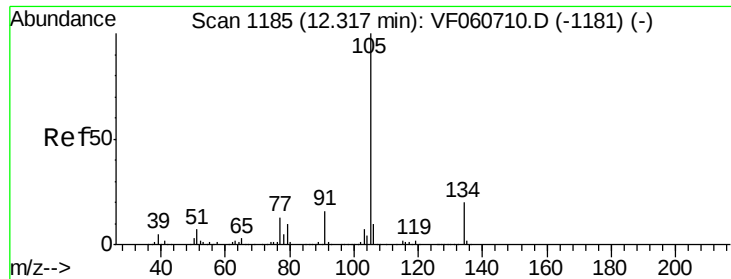
#84
1,2,4-Trimethylbenzene
Concen: 218.886 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion:105 Resp: 1653284
Ion Ratio Lower Upper
105 100
120 51.6 25.5 76.5



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

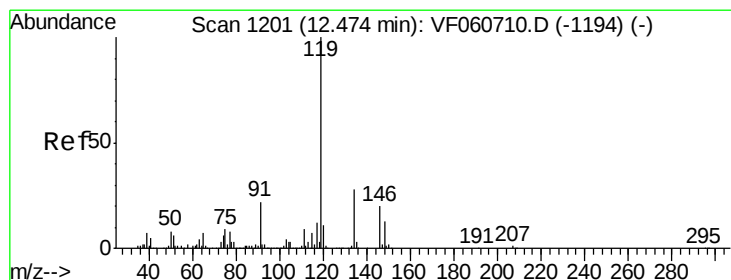
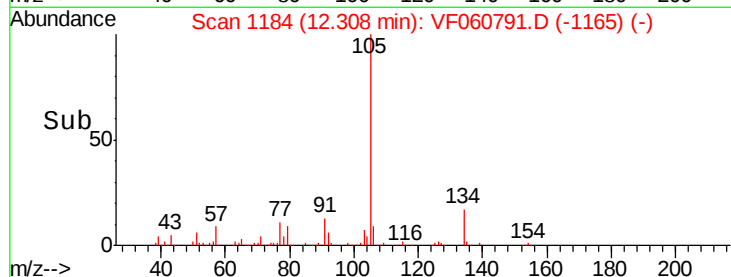
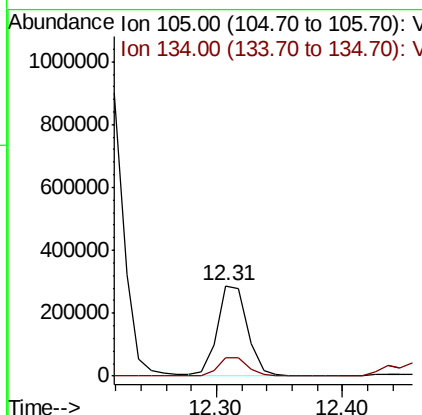
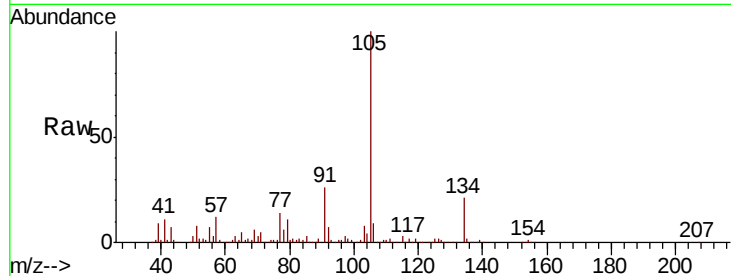




#85
 sec-Butylbenzene
 Concen: 44.750 ug/l
 RT: 12.31 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

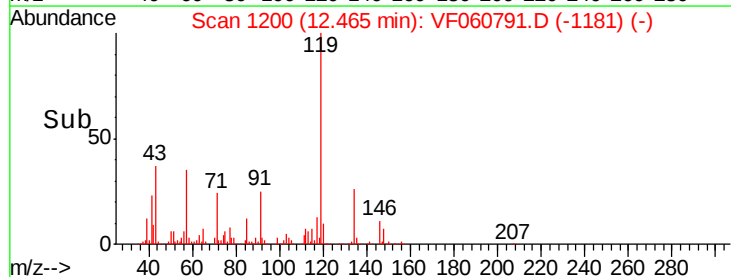
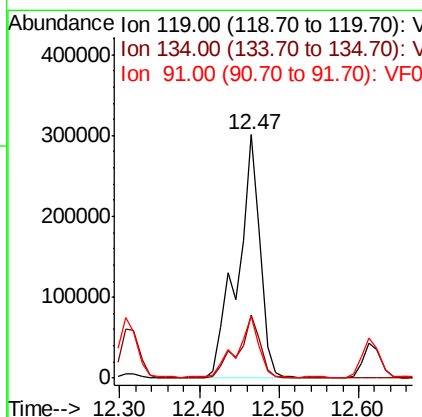
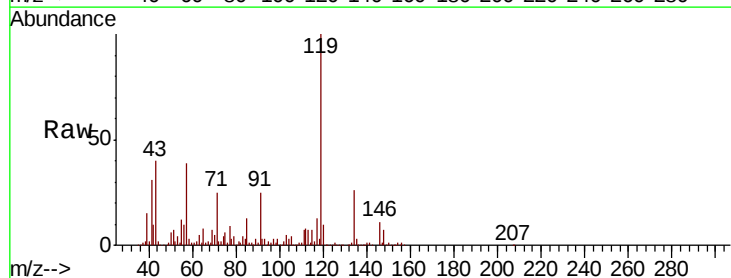
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

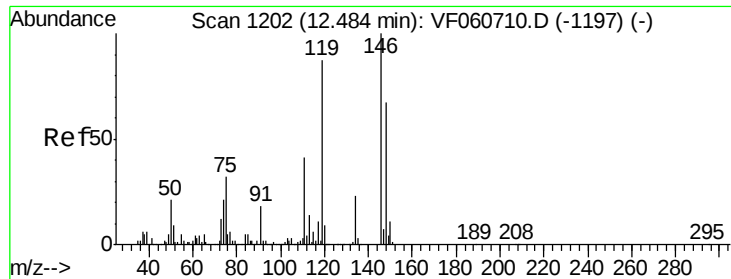
Tot Ion:105 Resp: 470725
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 67.831 ug/l
 RT: 12.47 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion:119 Resp: 595920
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.9 41.7
 91 25.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 52.124 ug/l

RT: 12.49 min Scan# 1202

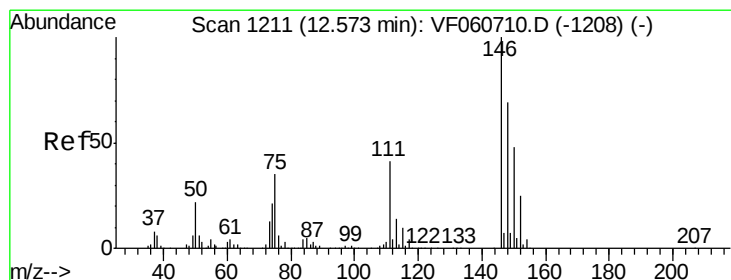
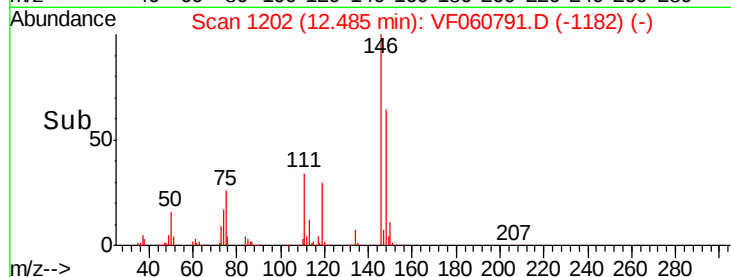
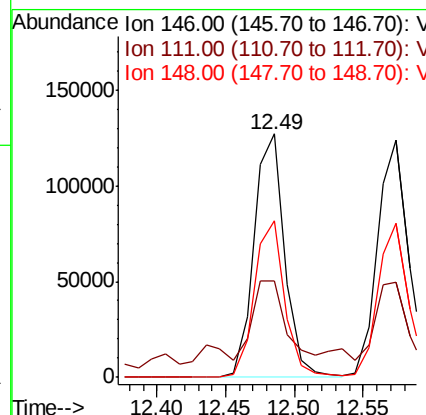
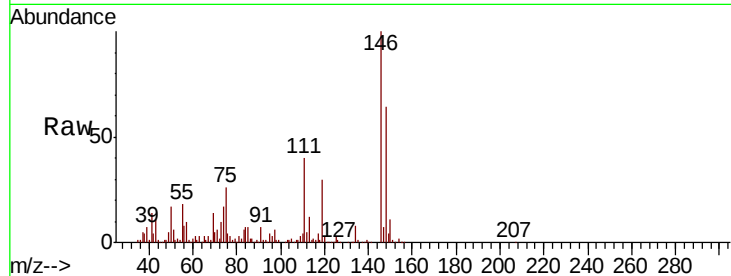
Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	64.2	33.3	99.9



#88

1,4-Dichlorobenzene

Concen: 53.079 ug/l

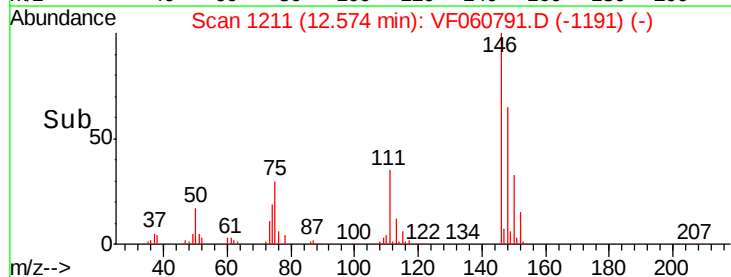
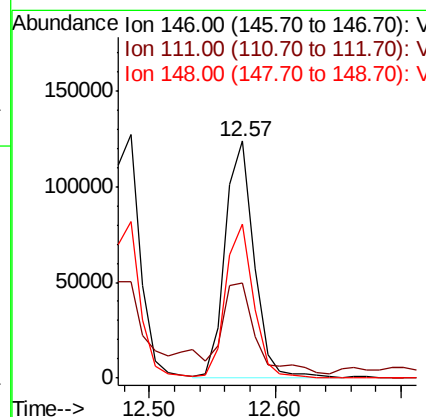
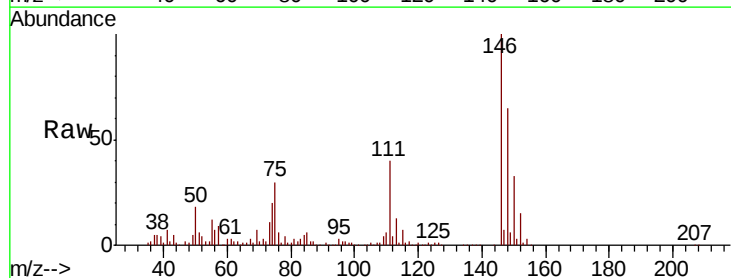
RT: 12.57 min Scan# 1211

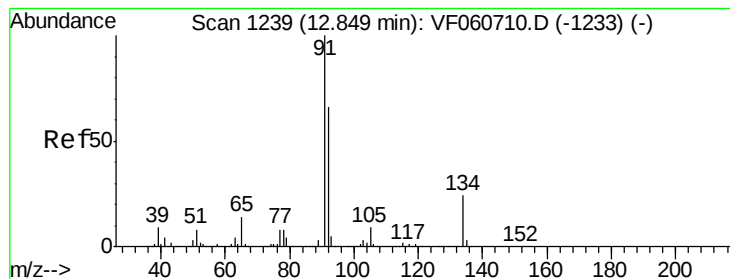
Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	64.7	34.7	104.1





#89

n-Butylbenzene

Concen: 54.572 ug/l

RT: 12.85 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

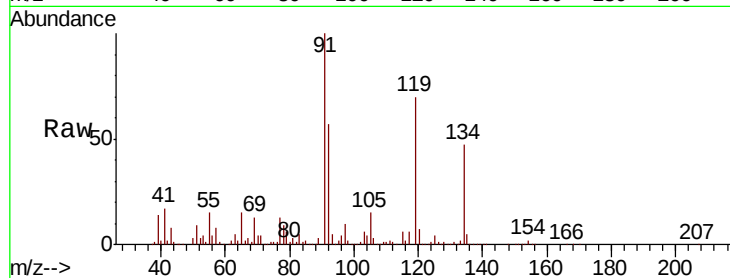
Tot Ion: 91 Resp: 489270

Ion Ratio Lower Upper

91 100

92 57.3 33.1 99.2

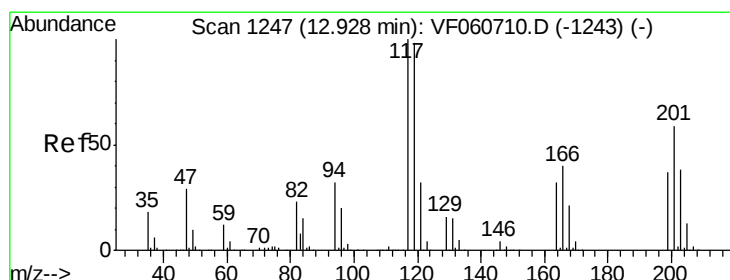
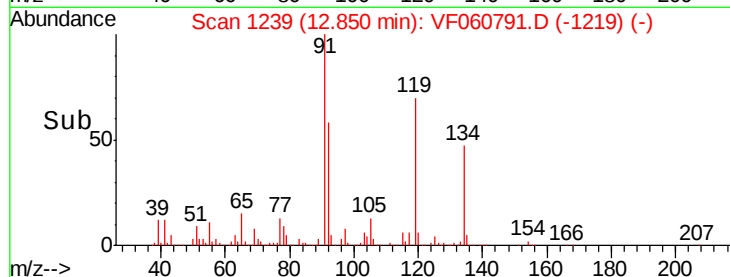
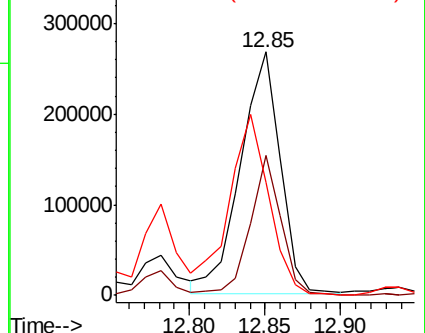
134 46.6 11.9 35.9#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 39.321 ug/l

RT: 12.92 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VF060791.D

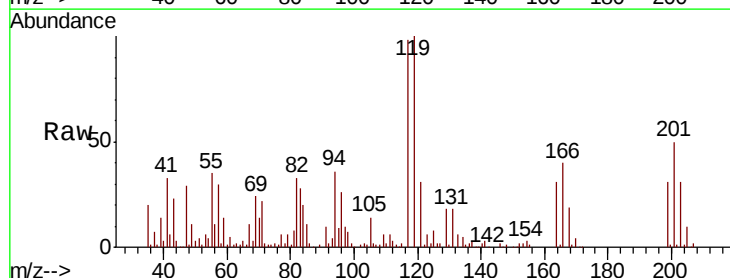
Acq: 19 Nov 2018 22:24

Tgt Ion: 117 Resp: 84494

Ion Ratio Lower Upper

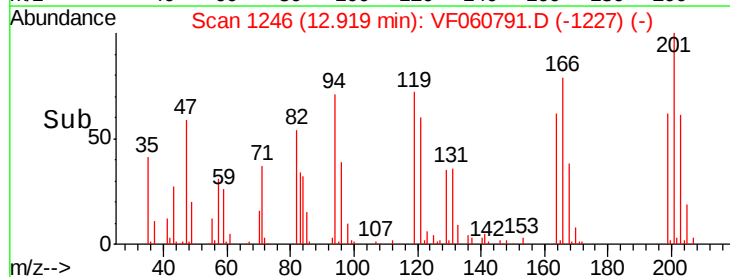
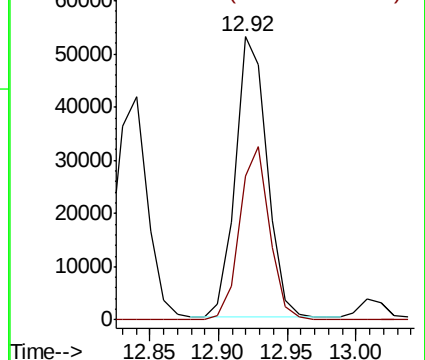
117 100

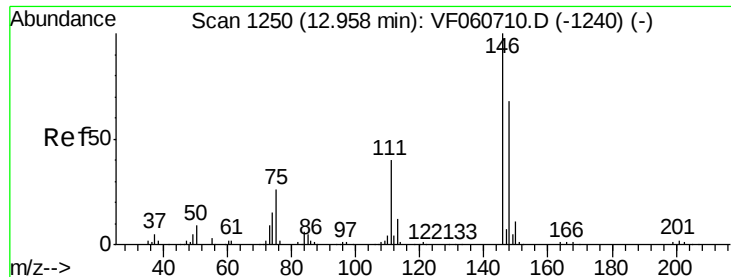
201 52.4 29.4 88.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

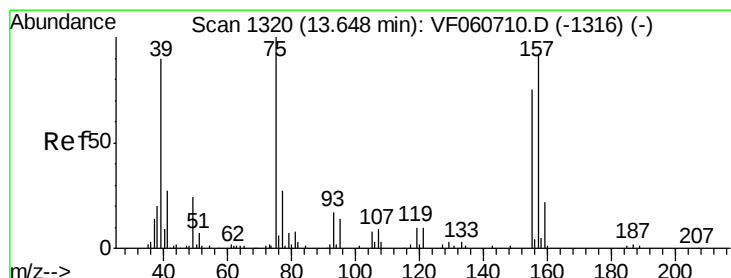
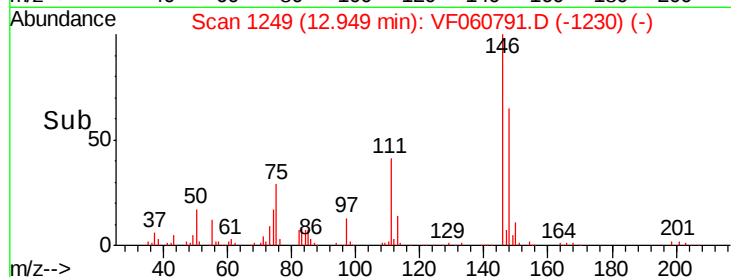
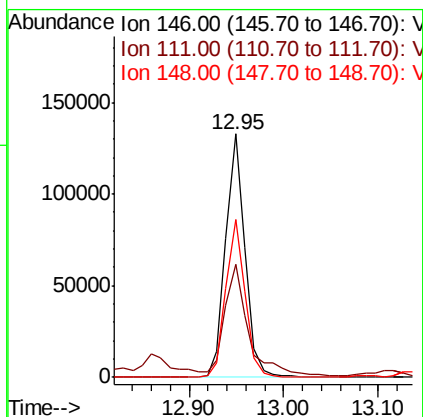
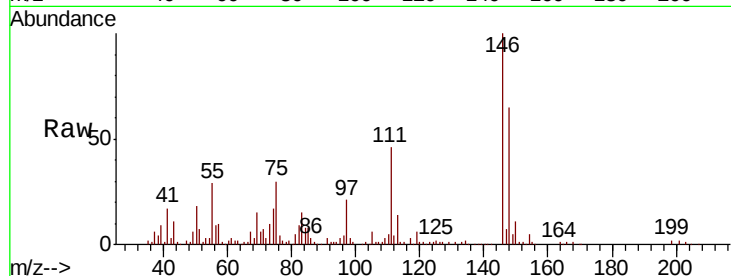




#91
 1,2-Dichlorobenzene
 Concen: 52.192 ug/l
 RT: 12.95 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

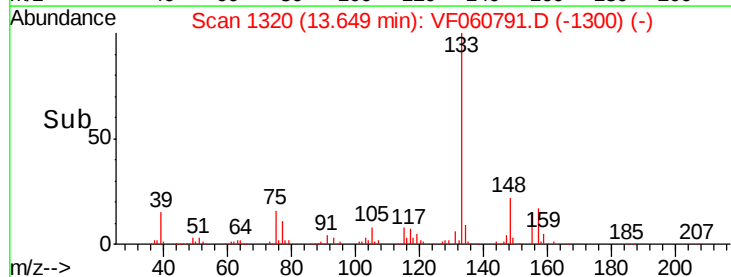
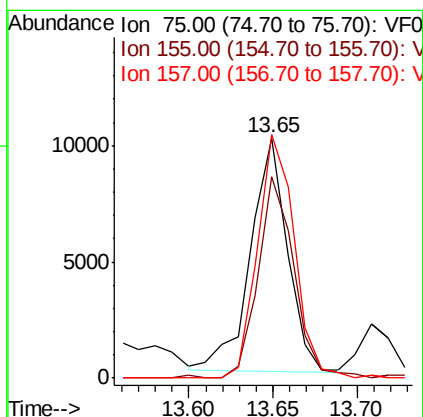
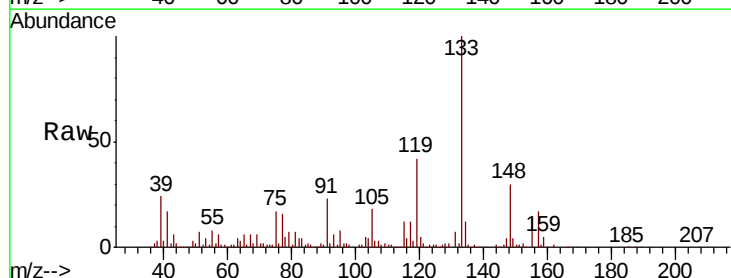
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

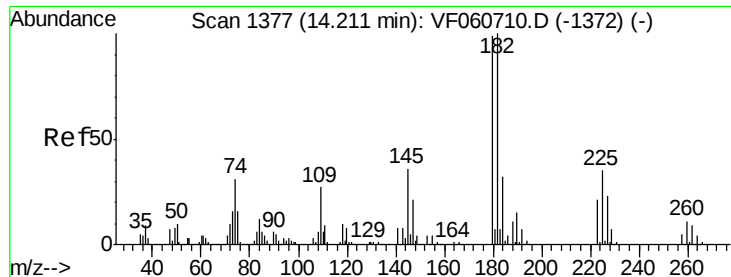
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	20.3	60.8
148	64.9	34.1	102.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.629 ug/l
 RT: 13.65 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	37.4	112.2
157	101.5	46.0	138.0

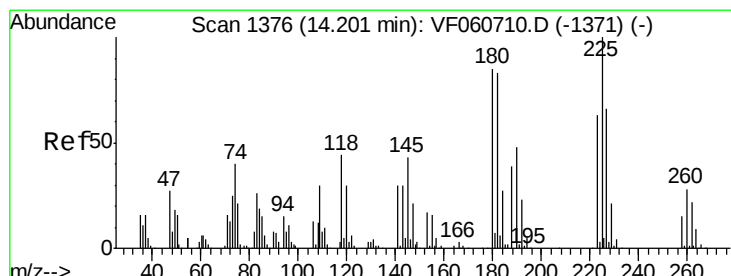
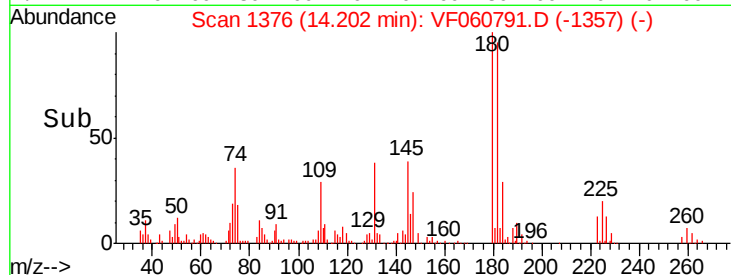
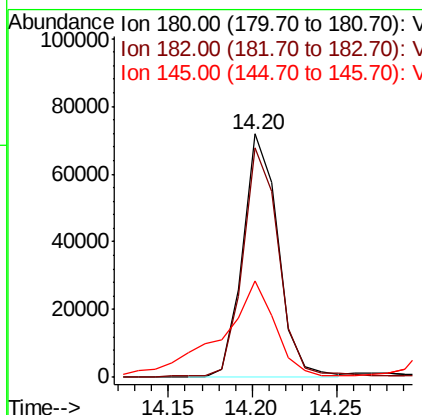
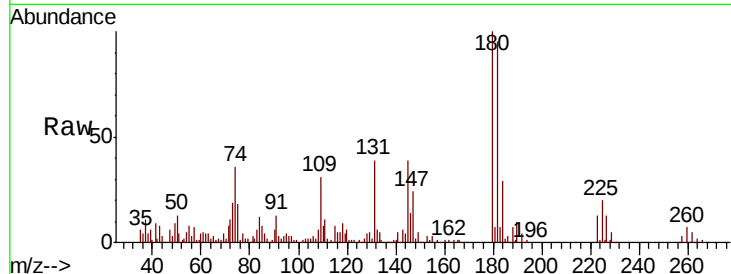




#93
 1,2,4-Trichlorobenzene
 Concen: 40.786 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

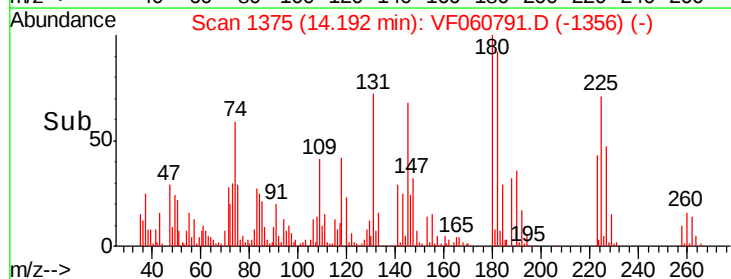
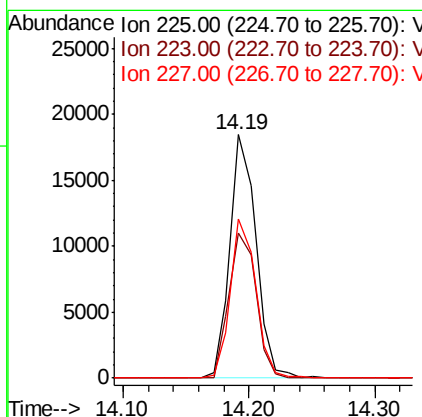
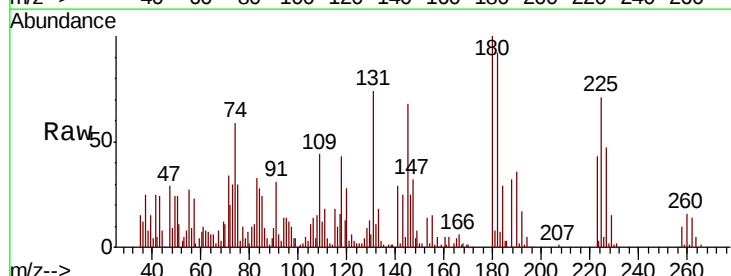
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

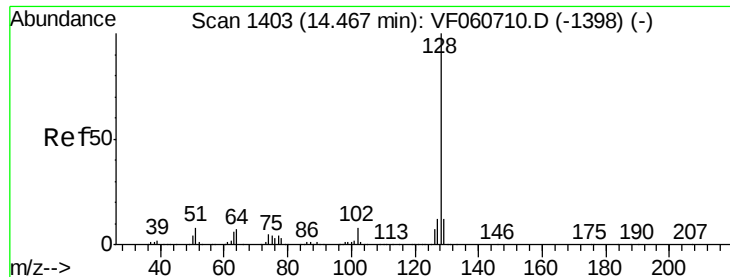
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	50.3	151.0
145	39.5	18.3	54.9



#94
 Hexachlorobutadiene
 Concen: 15.715 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	31.5	94.5
227	65.4	33.0	99.0

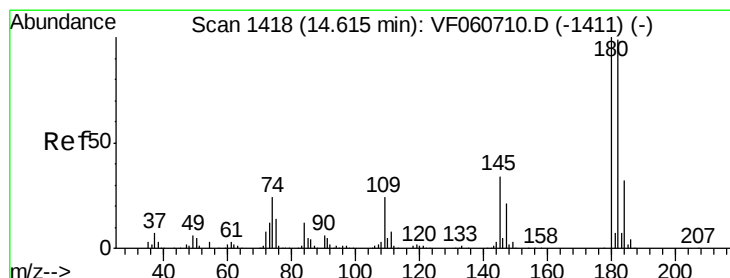
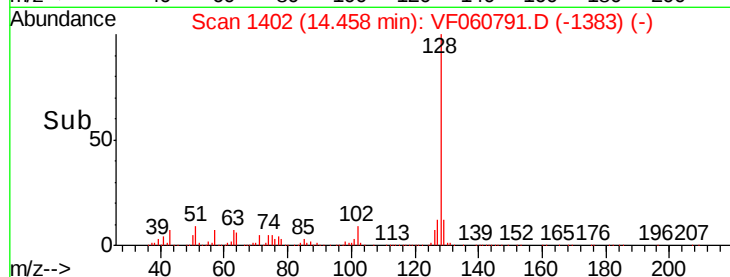
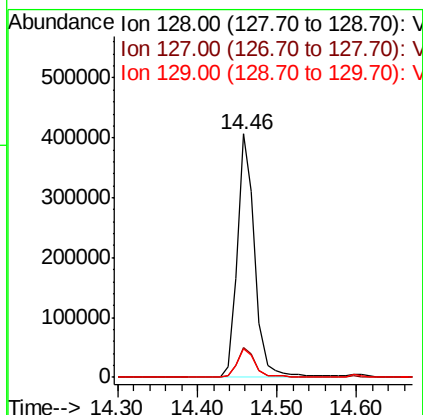
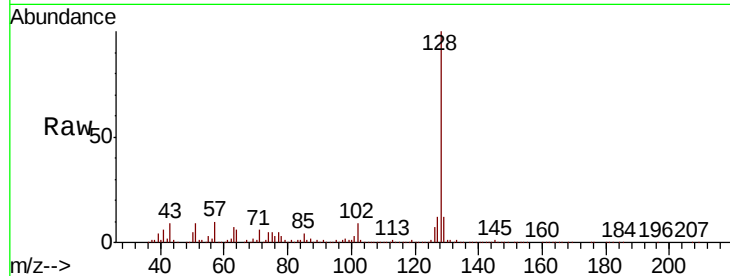




#95
Naphthalene
Concen: 131.930 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	11.6	9.3	13.9



#96
1,2,3-Trichlorobenzene
Concen: 39.261 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	49.6	149.0
145	38.9	16.9	50.7

