

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060804.D
 Acq On : 20 Nov 2018 14:51
 Operator : VA/AP
 Sample : VF1120SBS01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Quant Time: Nov 20 16:44:03 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	191638	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	321484	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.79	117	294925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	159487	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	110064	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	4.11	113	130826	54.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.28%	
50) Toluene-d8	7.57	98	326662	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.41	95	161810	57.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	72914	21.26	ug/l	97
3) Chloromethane	1.11	50	52606	24.73	ug/l	89
4) Vinyl Chloride	1.15	62	47570	25.00	ug/l	99
5) Bromomethane	1.32	94	26452	21.89	ug/l	94
6) Chloroethane	1.38	64	17959	24.12	ug/l	100
7) Trichlorofluoromethane	1.48	101	86581	20.58	ug/l	91
8) Diethyl Ether	1.63	74	13572	25.18	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.83	101	45720	23.06	ug/l	99
10) Methyl Iodide	1.90	142	57117	17.95	ug/l	96
11) Tert butyl alcohol	2.58	59	12184	122.48	ug/l #	93
12) 1,1-Dichloroethene	1.79	96	39638	25.35	ug/l	90
13) Acrolein	2.00	56	8964	98.55	ug/l	91
14) Allyl chloride	2.10	41	66879	24.42	ug/l	90
15) Acrylonitrile	2.94	53	27163	128.14	ug/l	88
16) Acetone	2.24	43	57381	122.82	ug/l	93
17) Carbon Disulfide	1.85	76	111670	23.63	ug/l	98
18) Methyl Acetate	2.35	43	18348	23.92	ug/l #	92
19) Methyl tert-butyl Ether	2.44	73	88624	23.63	ug/l	99
20) Methylene Chloride	2.18	84	17041	8.61	ug/l	90
21) trans-1,2-Dichloroethene	2.31	96	40204	24.61	ug/l	96
22) Diisopropyl ether	2.80	45	125190	23.67	ug/l	95
23) Vinyl Acetate	3.20	43	318017	127.71	ug/l	98
24) 1,1-Dichloroethane	2.87	63	77921	24.34	ug/l	98
25) 2-Butanone	4.34	43	90210	117.39	ug/l	95
26) 2,2-Dichloropropane	3.60	77	52899	21.00	ug/l	100
27) cis-1,2-Dichloroethene	3.48	96	65279	23.49	ug/l	98
28) Bromochloromethane	3.72	49	37644	22.63	ug/l	95
29) Tetrahydrofuran	4.08	42	37880	119.50	ug/l	96
30) Chloroform	3.87	83	114893	22.37	ug/l	98
31) Cyclohexane	3.70	56	86328	22.22	ug/l	84
32) 1,1,1-Trichloroethane	4.10	97	84280	20.84	ug/l	93
36) 1,1-Dichloropropene	4.28	75	84465	22.65	ug/l	96
37) Ethyl Acetate	4.11	43	34510	24.90	ug/l	80
38) Carbon Tetrachloride	4.00	117	72339	20.00	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	101423	23.45	ug/l	97
40) Benzene	4.64	78	192998	23.22	ug/l	99
41) Methacrylonitrile	4.76	41	19279	23.82	ug/l	98
42) 1,2-Dichloroethane	4.95	62	63990	22.28	ug/l	99
43) Isopropyl Acetate	6.97	43	42533	23.14	ug/l #	95
44) Trichloroethene	5.51	130	60203	22.96	ug/l	93
45) 1,2-Dichloropropane	6.25	63	51452	23.79	ug/l	95
46) Dibromomethane	6.10	93	32006	22.42	ug/l	97
47) Bromodichloromethane	6.39	83	81239	22.28	ug/l	96
48) Methyl methacrylate	6.72	41	28382	23.33	ug/l	97
49) 1,4-Dioxane	6.72	88	5139	451.75	ug/l	93
51) 4-Methyl-2-Pentanone	8.27	43	157380	118.40	ug/l	97
52) Toluene	7.64	92	120532	21.64	ug/l	96
53) t-1,3-Dichloropropene	8.29	75	66204	22.67	ug/l	98
54) cis-1,3-Dichloropropene	7.32	75	85283	22.49	ug/l	93
55) 1,1,2-Trichloroethane	8.49	97	36719	23.07	ug/l	89
56) Ethyl methacrylate	8.62	69	40544	22.43	ug/l	97
57) 1,3-Dichloropropane	8.86	76	64022	23.21	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.64	63	18408	111.50	ug/l	100
59) 2-Hexanone	9.50	43	114352	122.41	ug/l	98
60) Dibromochloromethane	8.72	129	48360	21.32	ug/l	100
61) 1,2-Dibromoethane	9.00	107	38946	23.27	ug/l	97
64) Tetrachloroethene	8.16	164	51279	21.96	ug/l	95
65) Chlorobenzene	9.81	112	132124	22.20	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.93	131	58563	22.56	ug/l	100
67) Ethyl Benzene	9.90	91	256011	22.82	ug/l	98
68) m/p-Xylenes	10.14	106	178047	44.41	ug/l	92
69) o-Xylene	10.72	106	101045	22.42	ug/l	98
70) Styrene	10.79	104	137356	22.45	ug/l	98
71) Bromoform	10.78	173	27054	23.18	ug/l	100
73) Isopropylbenzene	11.13	105	286844	22.34	ug/l	97
74) N-amyl acetate	11.37	43	73340	25.10	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.70	83	51565	24.30	ug/l	97
76) 1,2,3-Trichloropropane	11.80	75	35817	22.72	ug/l	100
77) Bromobenzene	11.50	156	61263	22.93	ug/l	97
78) n-propylbenzene	11.60	91	344798	23.03	ug/l	98
79) 2-Chlorotoluene	11.73	91	198154	22.77	ug/l	100
80) 1,3,5-Trimethylbenzene	11.83	105	238681	23.42	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.88	75	23535	30.39	ug/l	99
82) 4-Chlorotoluene	11.91	91	195761	21.96	ug/l	100
83) tert-Butylbenzene	12.13	119	245679	22.70	ug/l	100
84) 1,2,4-Trimethylbenzene	12.21	105	226805	21.52	ug/l	97
85) sec-Butylbenzene	12.31	105	332353	22.64	ug/l	97
86) p-Isopropyltoluene	12.47	119	276786	22.58	ug/l	97
87) 1,3-Dichlorobenzene	12.48	146	123003	23.13	ug/l	97
88) 1,4-Dichlorobenzene	12.57	146	118529	23.19	ug/l	95
89) n-Butylbenzene	12.85	91	291164	23.27	ug/l	96
90) Hexachloroethane	12.92	117	65953	21.99	ug/l	95
91) 1,2-Dichlorobenzene	12.95	146	114802	22.93	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.65	75	9264	23.22	ug/l	67

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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
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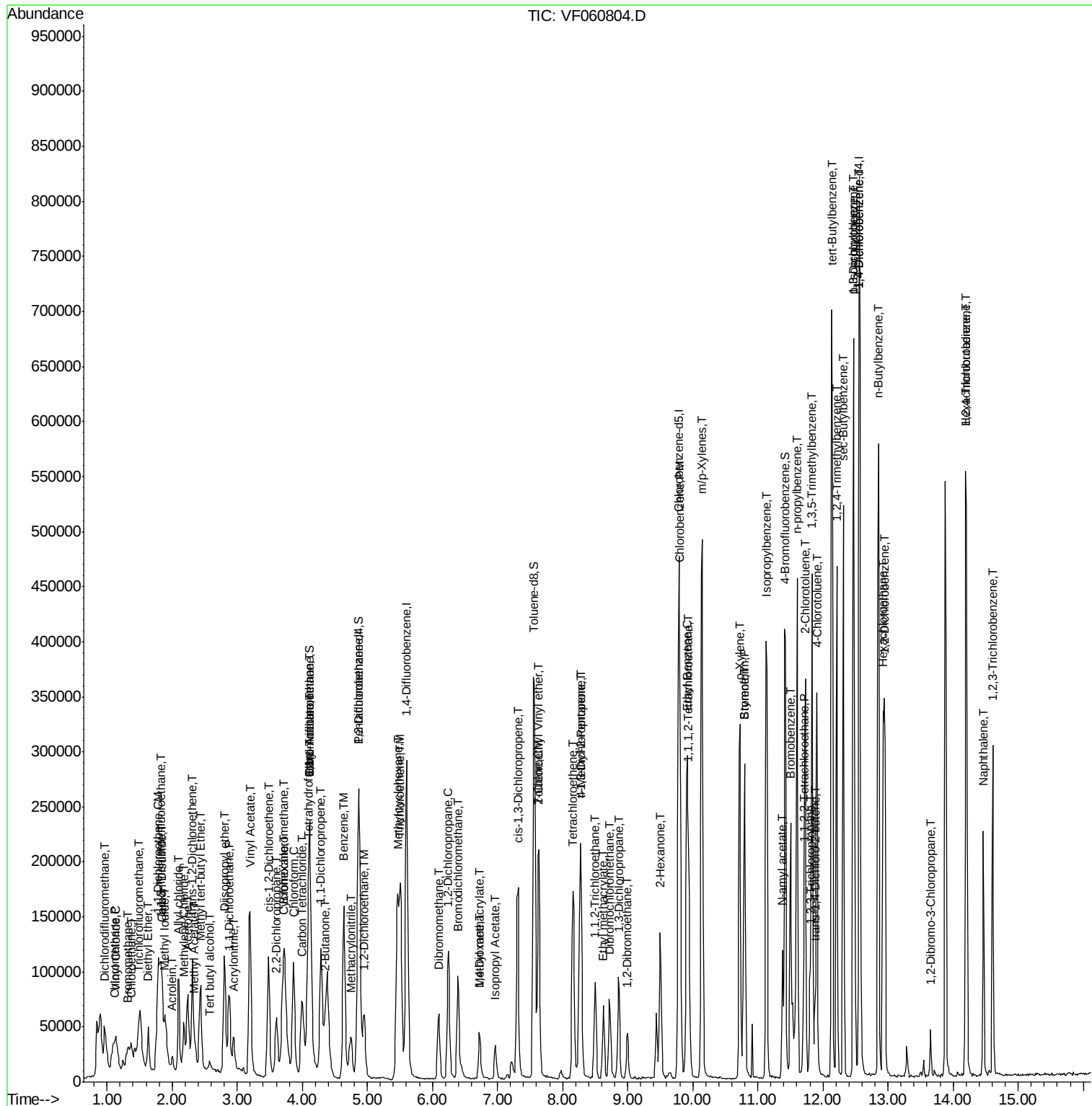
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	85446	23.74	ug/l	95
94) Hexachlorobutadiene	14.20	225	51834	22.04	ug/l	96
95) Naphthalene	14.46	128	149701	22.80	ug/l	98
96) 1,2,3-Trichlorobenzene	14.61	180	80243	24.13	ug/l	94

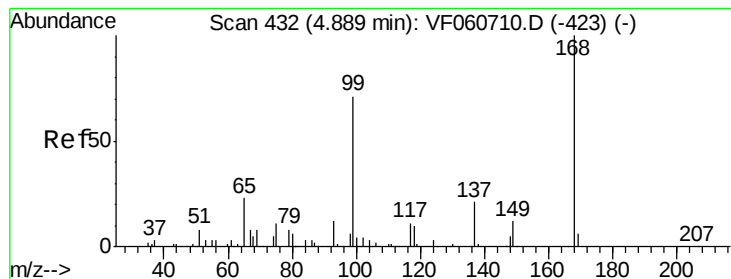
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5mL/MSVOA-F/SOIL
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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

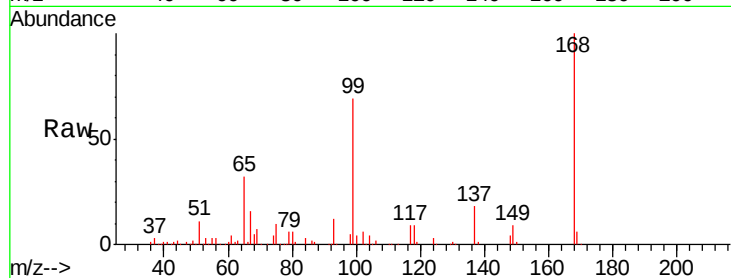
VF1120SBS01

Tgt Ion:168 Resp: 191638

Ion Ratio Lower Upper

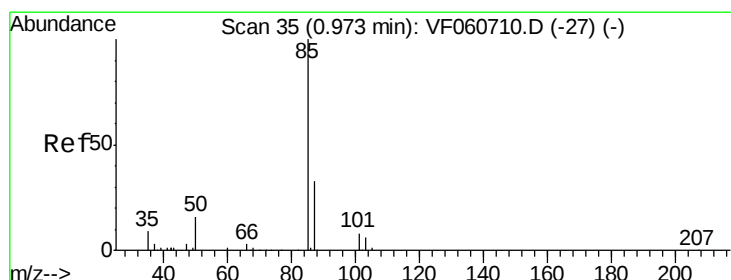
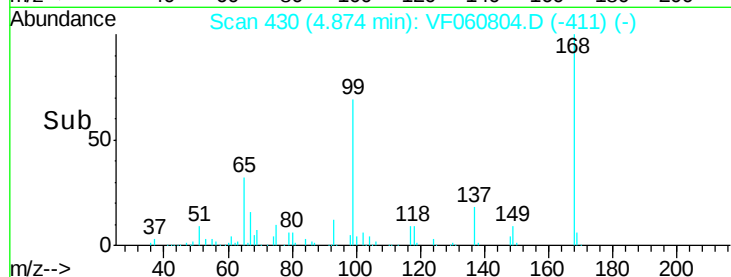
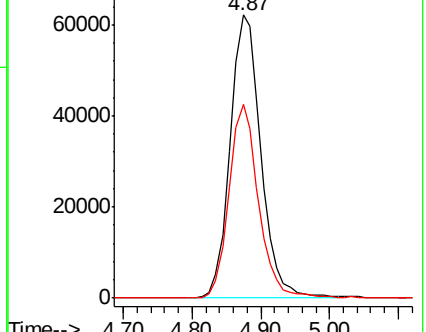
168 100

99 68.6 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 21.26 ug/l

RT: 0.96 min Scan# 33

Delta R.T. -0.01 min

Lab File: VF060804.D

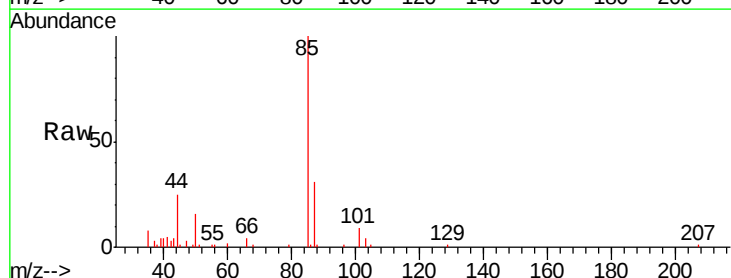
Acq: 20 Nov 2018 14:51

Tgt Ion: 85 Resp: 72914

Ion Ratio Lower Upper

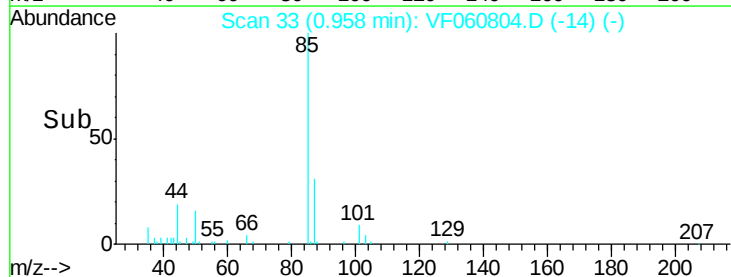
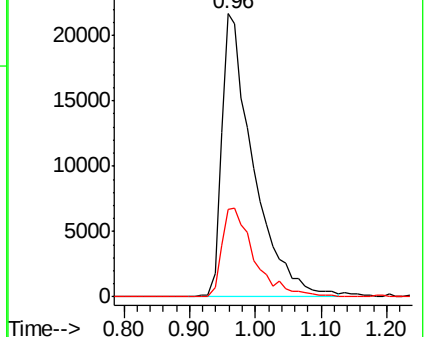
85 100

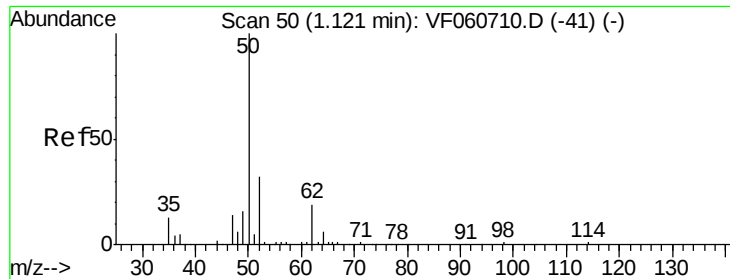
87 31.0 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 24.73 ug/l

RT: 1.11 min Scan# 48

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

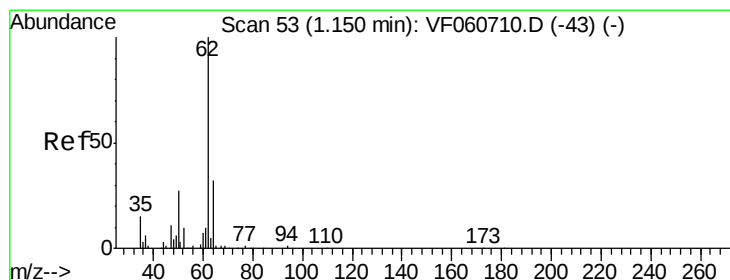
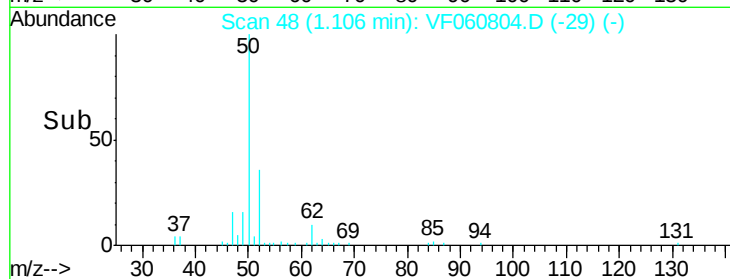
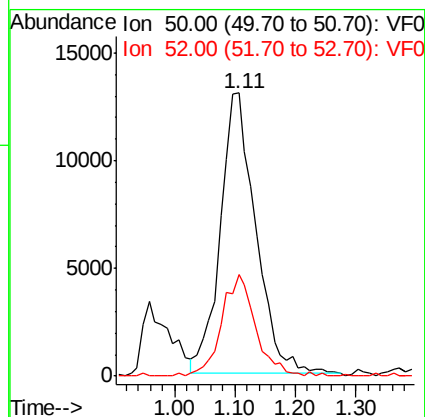
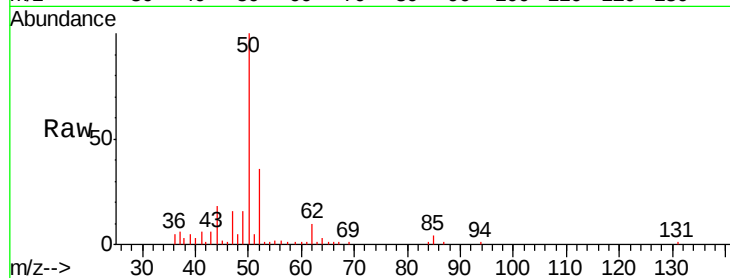
VF1120SBS01

Tgt Ion: 50 Resp: 52606

Ion Ratio Lower Upper

50 100

52 36.1 24.2 36.2



#4

Vinyl Chloride

Concen: 25.00 ug/l

RT: 1.15 min Scan# 52

Delta R.T. -0.00 min

Lab File: VF060804.D

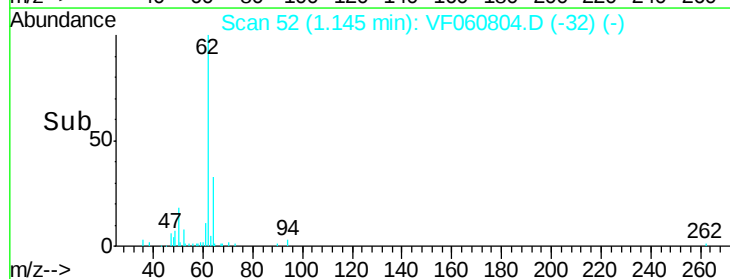
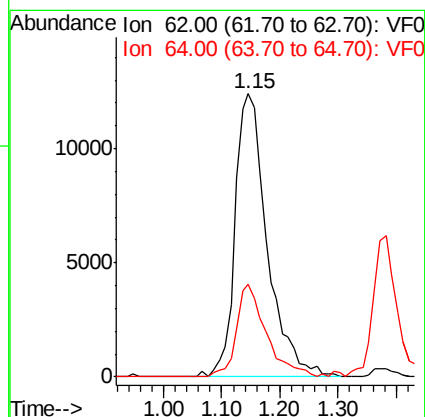
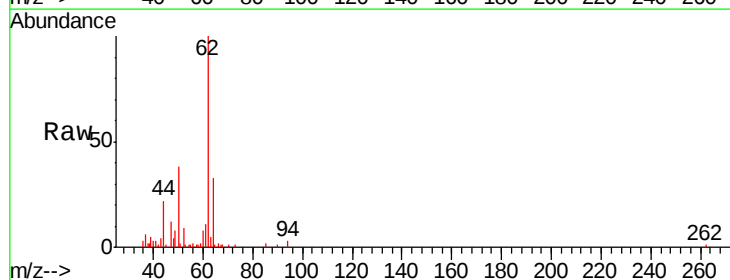
Acq: 20 Nov 2018 14:51

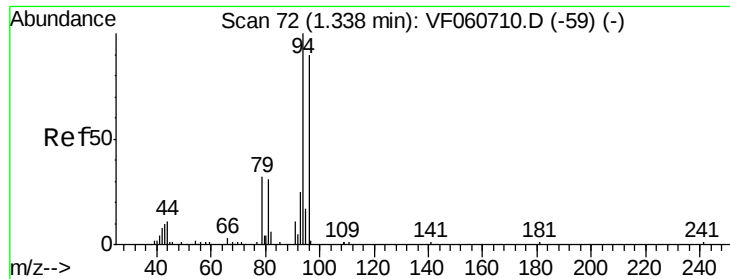
Tgt Ion: 62 Resp: 47570

Ion Ratio Lower Upper

62 100

64 32.6 25.8 38.8





#5

Bromomethane

Concen: 21.89 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

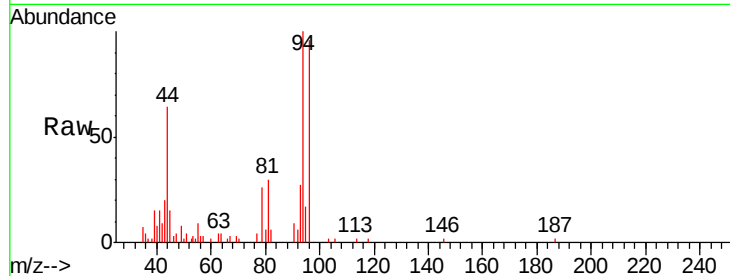
VF1120SBS01

Tgt Ion: 94 Resp: 26452

Ion Ratio Lower Upper

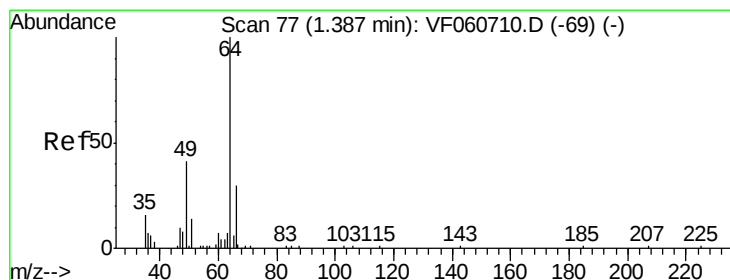
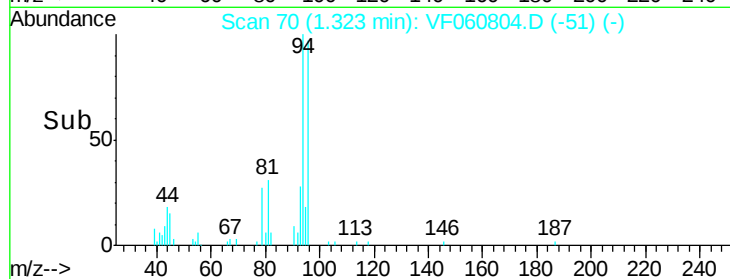
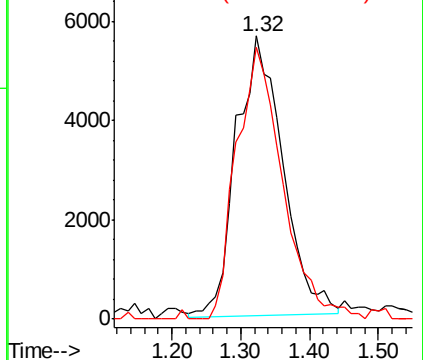
94 100

96 96.0 71.9 107.9



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 24.12 ug/l

RT: 1.38 min Scan# 76

Delta R.T. -0.00 min

Lab File: VF060804.D

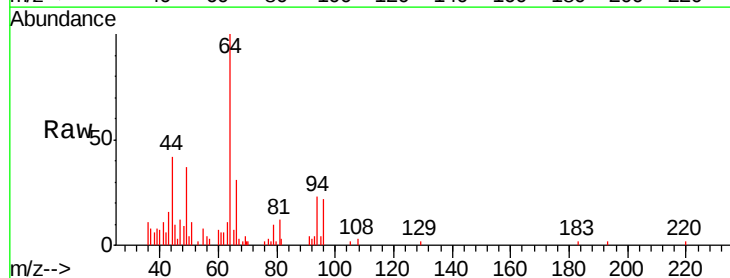
Acq: 20 Nov 2018 14:51

Tgt Ion: 64 Resp: 17959

Ion Ratio Lower Upper

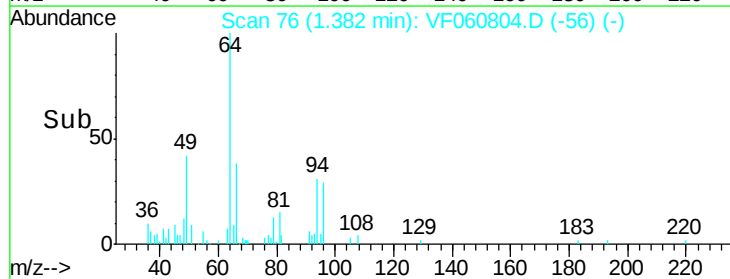
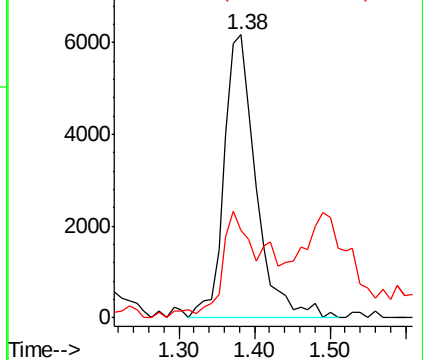
64 100

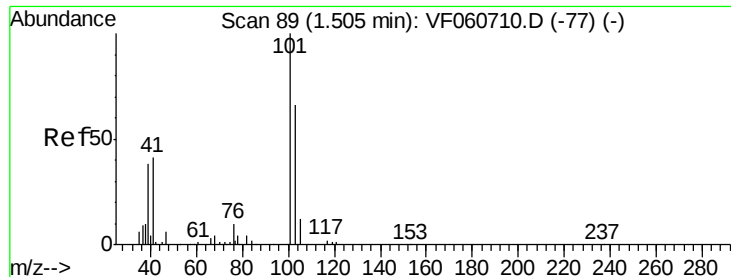
66 30.8 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

Trichlorofluoromethane

Concen: 20.58 ug/l

RT: 1.48 min Scan# 86

Delta R.T. -0.02 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

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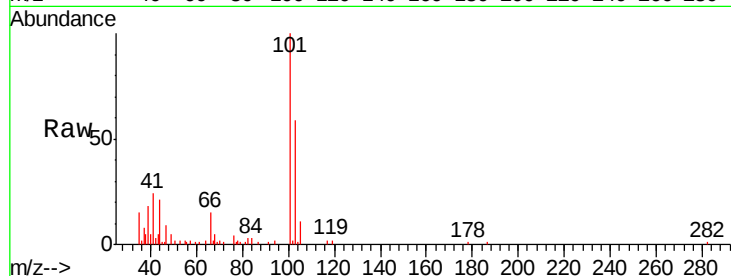
VF1120SBS01

Tgt Ion:101 Resp: 86581

Ion Ratio Lower Upper

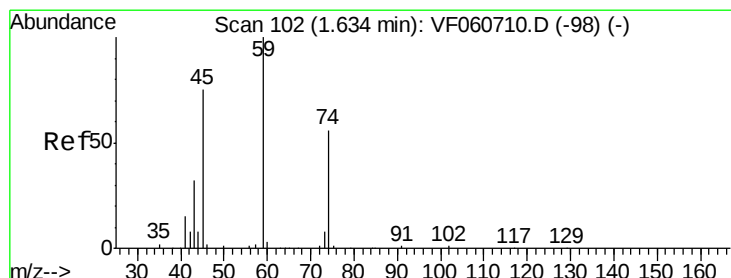
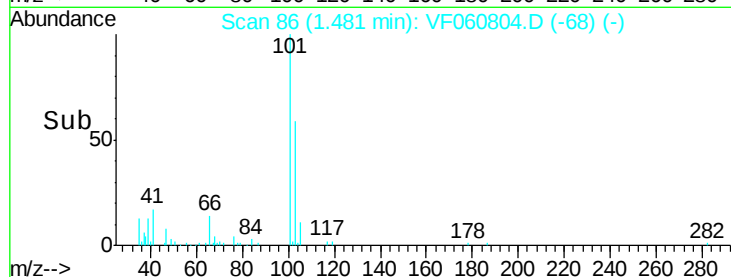
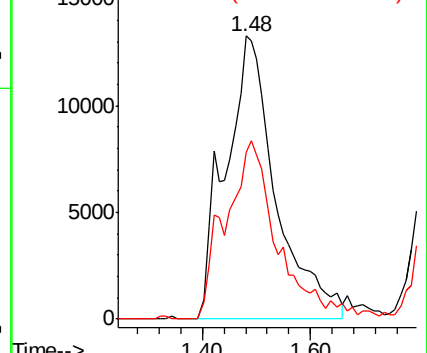
101 100

103 59.1 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: 25.18 ug/l

RT: 1.63 min Scan# 101

Delta R.T. -0.00 min

Lab File: VF060804.D

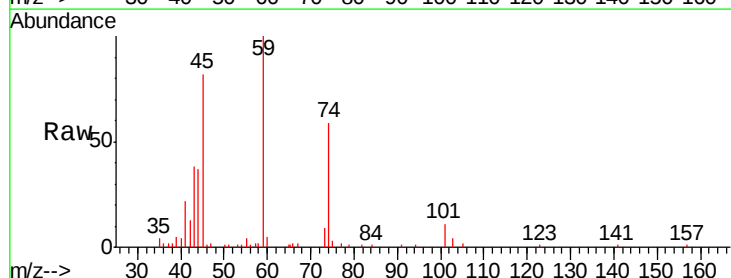
Acq: 20 Nov 2018 14:51

Tgt Ion: 74 Resp: 13572

Ion Ratio Lower Upper

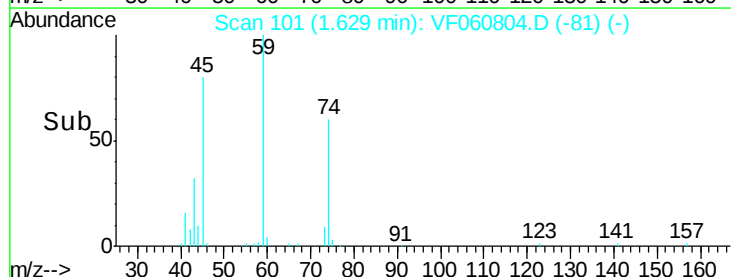
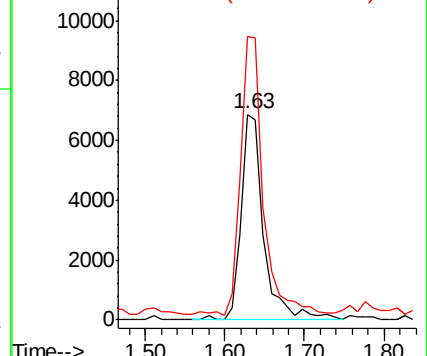
74 100

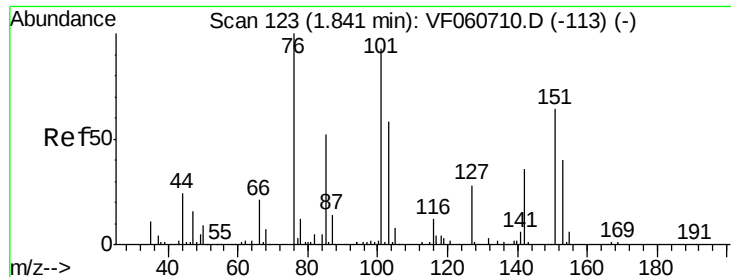
45 137.6 67.7 203.1



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: 23.06 ug/l

RT: 1.83 min Scan# 121

Delta R.T. -0.01 min

Lab File: VF060804.D

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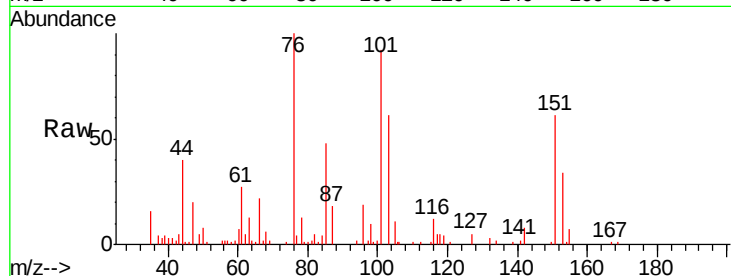
Tgt Ion:101 Resp: 45720

Ion Ratio Lower Upper

101 100

85 52.8 43.6 65.4

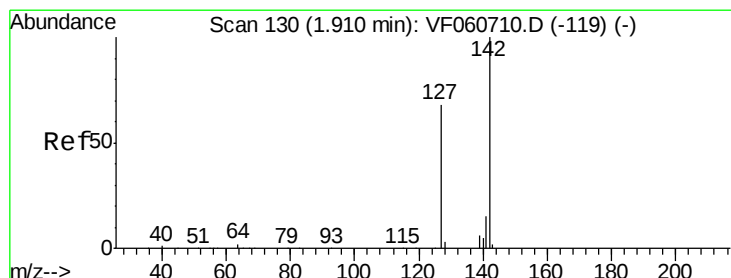
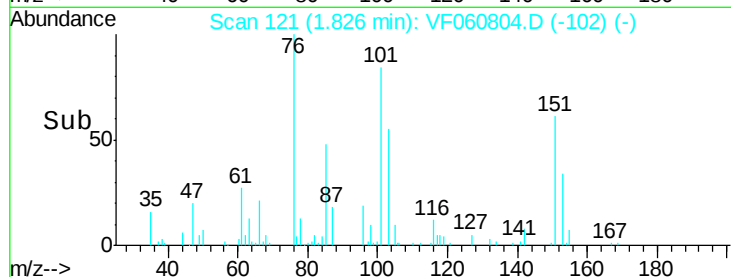
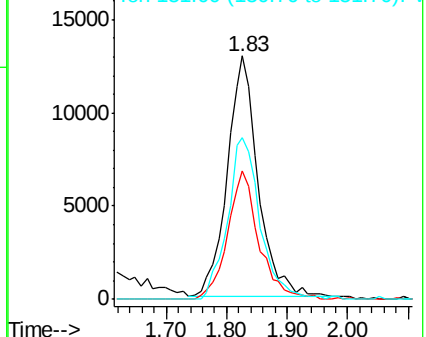
151 66.3 53.1 79.7



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: 17.95 ug/l

RT: 1.90 min Scan# 128

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

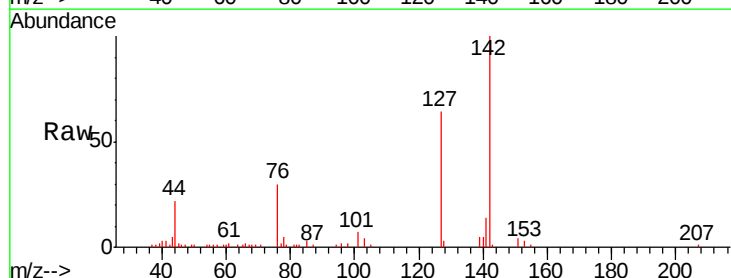
Tgt Ion:142 Resp: 57117

Ion Ratio Lower Upper

142 100

127 64.3 54.0 81.0

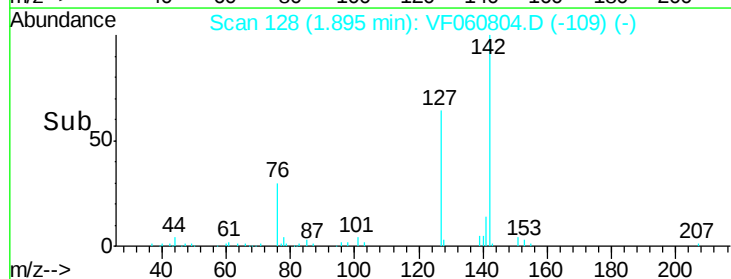
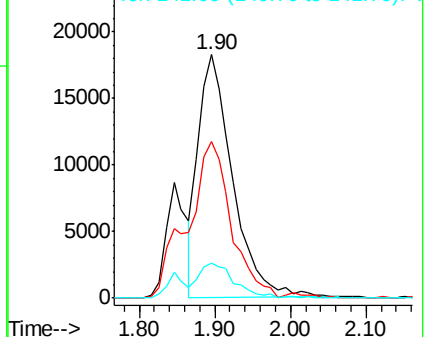
141 14.4 12.3 18.5

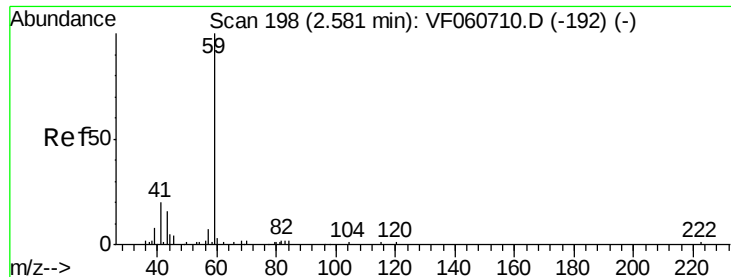


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



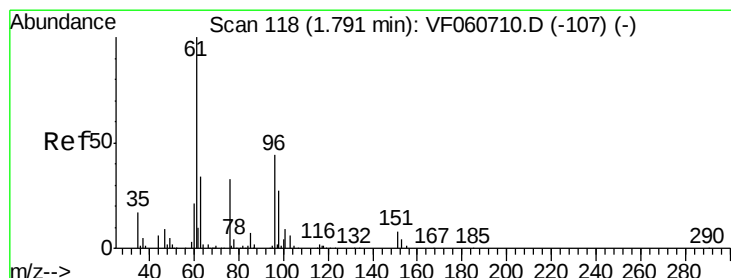
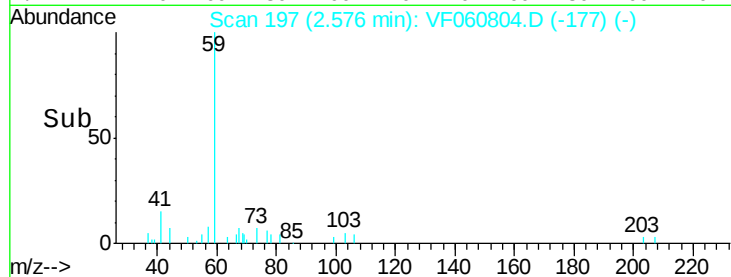
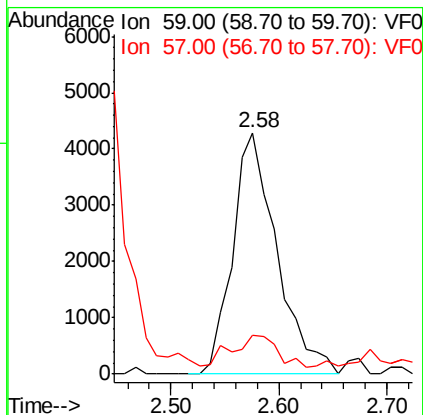
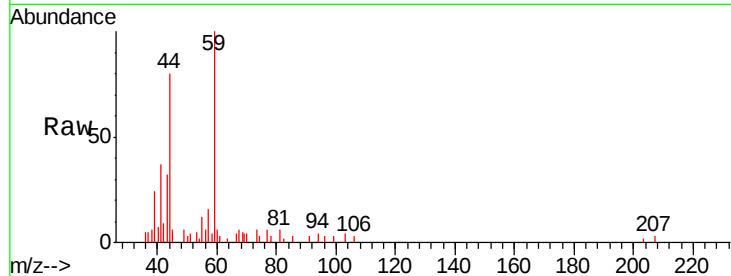


#11

Tert butyl alcohol
 Concen: 122.48 ug/l
 RT: 2.58 min Scan# 197
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

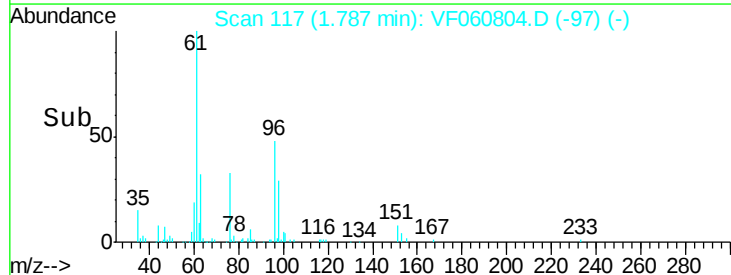
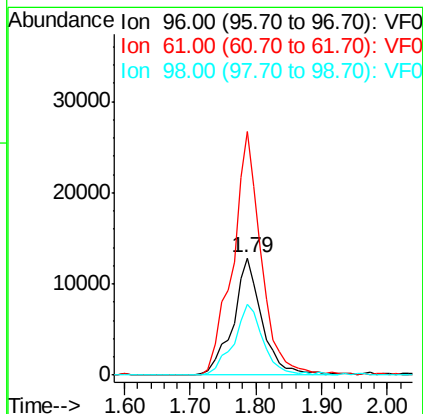
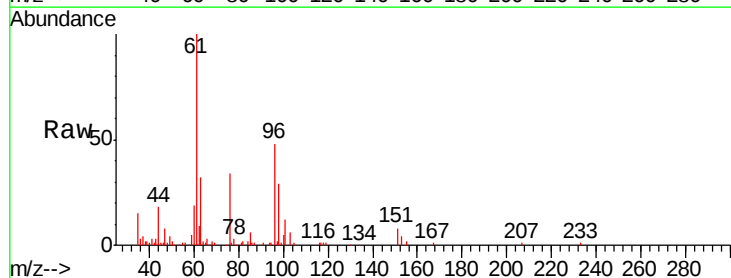
Tgt Ion: 59 Resp: 12184
 Ion Ratio Lower Upper
 59 100
 57 15.9 10.5 15.7#

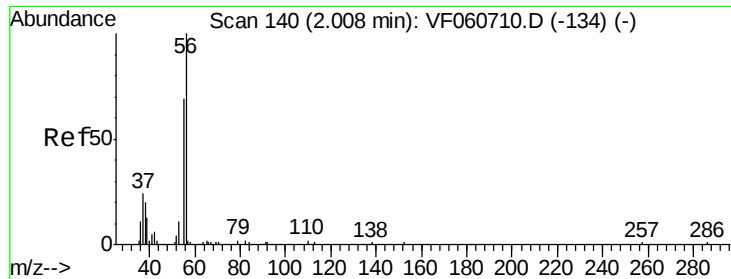


#12

1,1-Dichloroethene
 Concen: 25.35 ug/l
 RT: 1.79 min Scan# 117
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion: 96 Resp: 39638
 Ion Ratio Lower Upper
 96 100
 61 207.3 182.2 273.2
 98 60.0 49.2 73.8





#13

Acrolein

Concen: 98.55 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

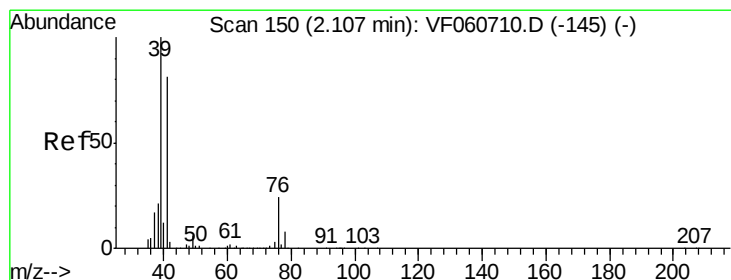
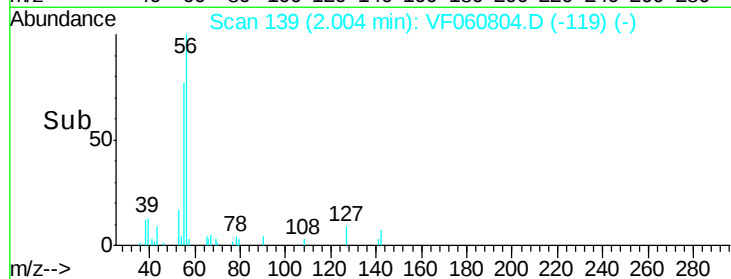
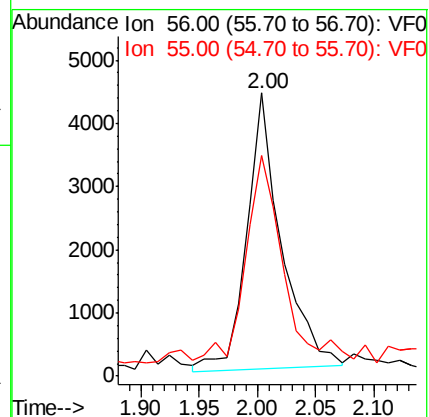
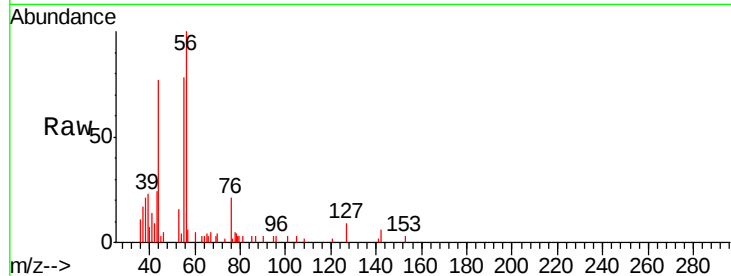
VF1120SBS01

Tgt Ion: 56 Resp: 8964

Ion Ratio Lower Upper

56 100

55 78.0 56.6 85.0



#14

Allyl chloride

Concen: 24.42 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

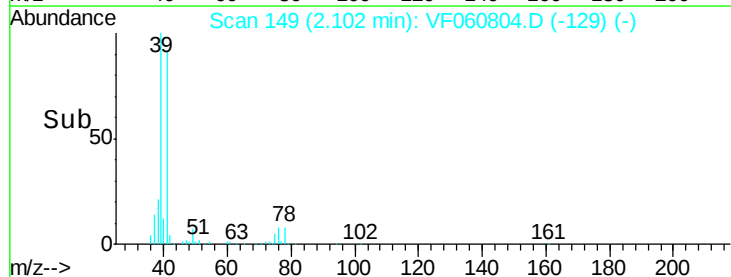
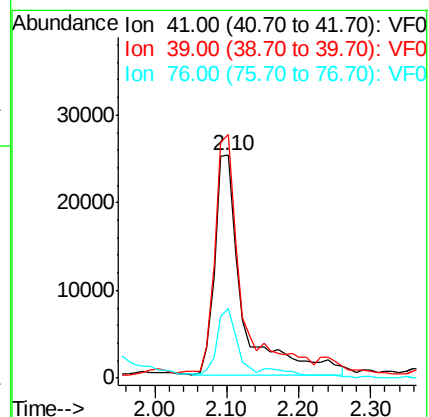
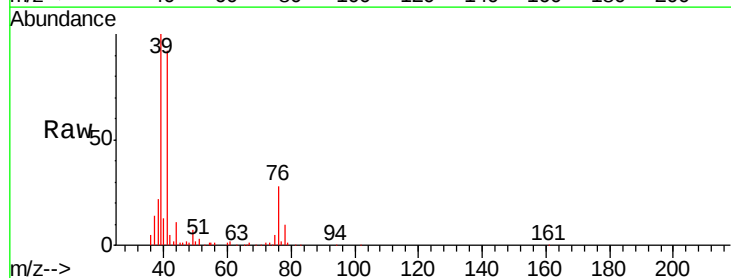
Tgt Ion: 41 Resp: 66879

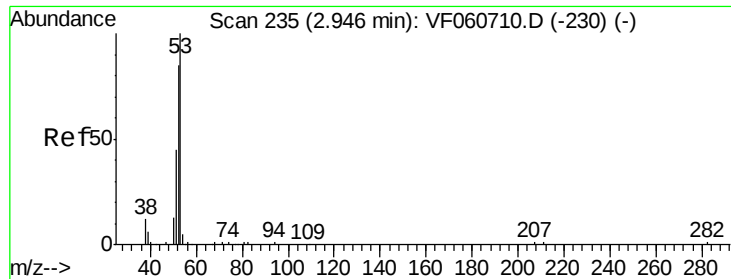
Ion Ratio Lower Upper

41 100

39 109.2 98.5 147.7

76 31.1 24.5 36.7





#15

Acrylonitrile

Concen: 128.14 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

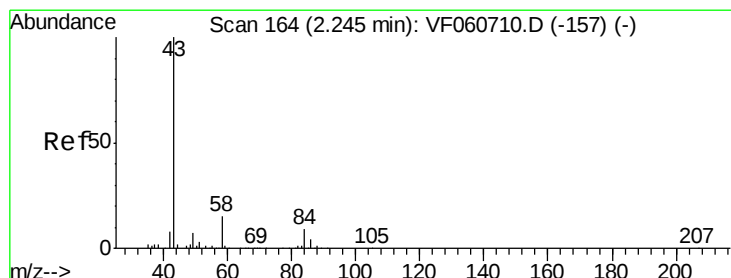
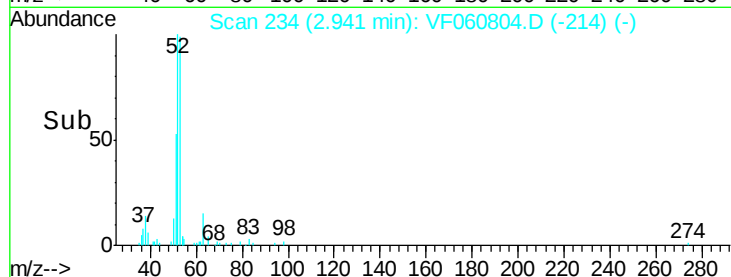
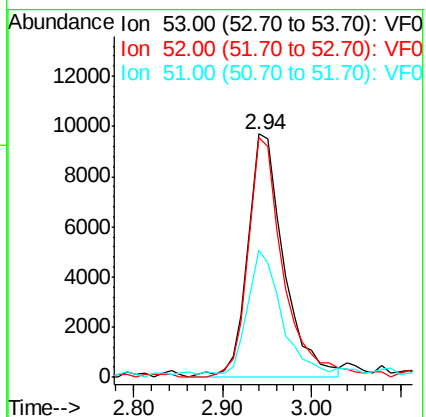
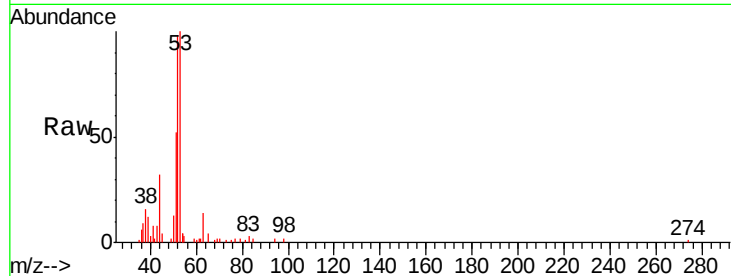
Tgt Ion: 53 Resp: 27163

Ion Ratio Lower Upper

53 100

52 98.4 68.8 103.2

51 52.3 36.7 55.1



#16

Acetone

Concen: 122.82 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF060804.D

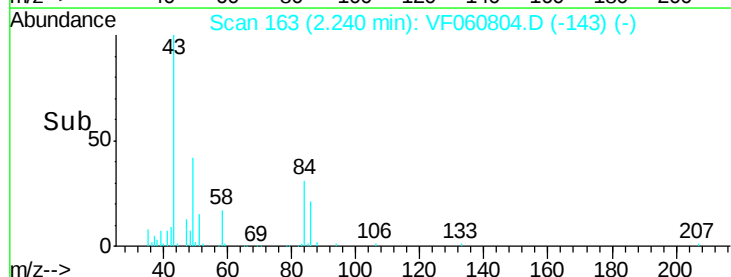
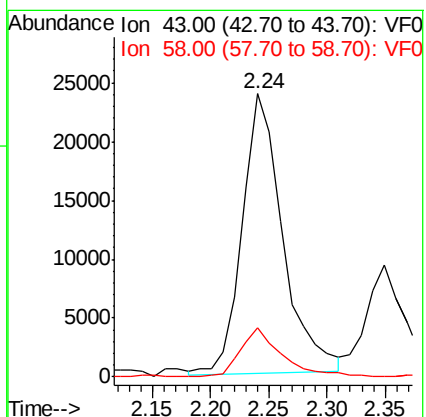
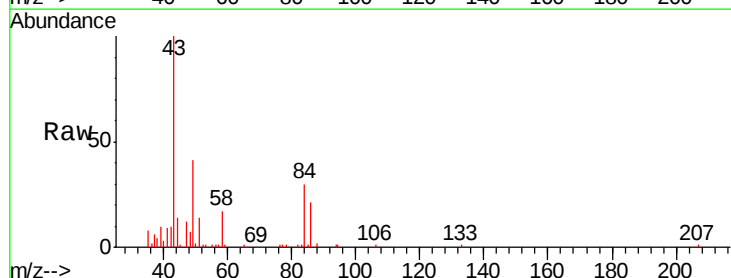
Acq: 20 Nov 2018 14:51

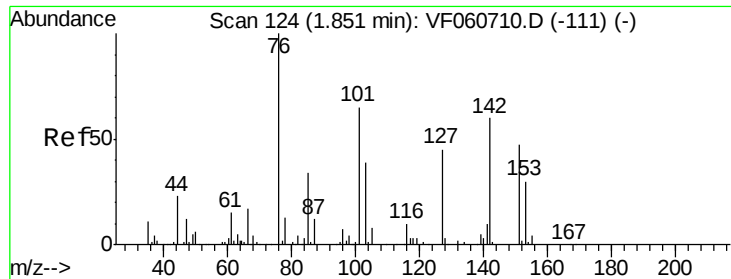
Tgt Ion: 43 Resp: 57381

Ion Ratio Lower Upper

43 100

58 17.4 11.6 17.4

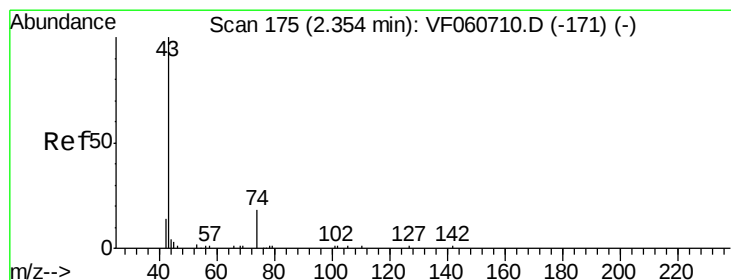
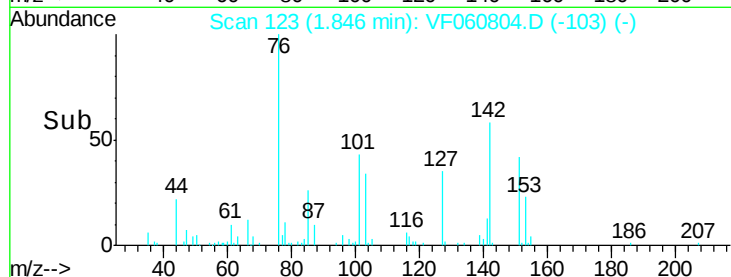
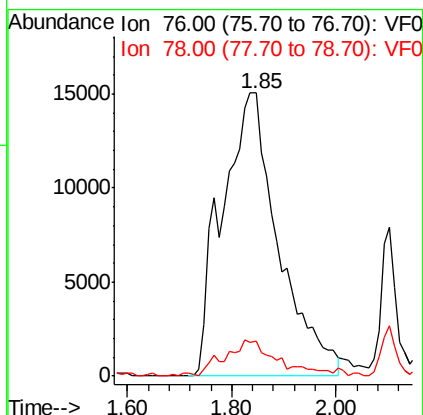
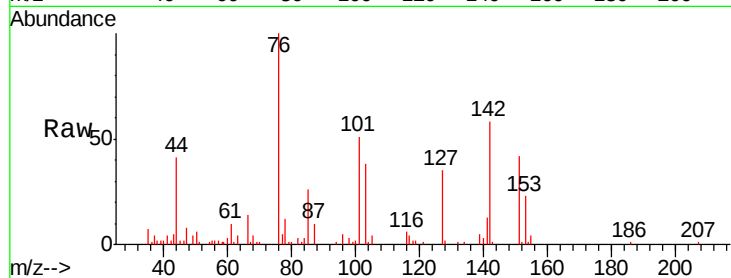




#17
Carbon Disulfide
Concen: 23.63 ug/l
RT: 1.85 min Scan# 123
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

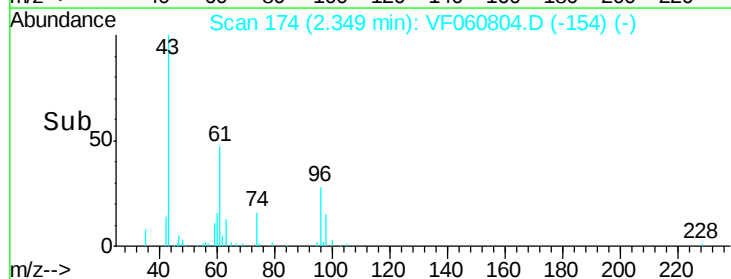
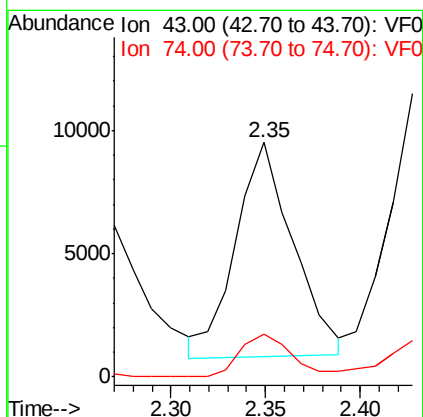
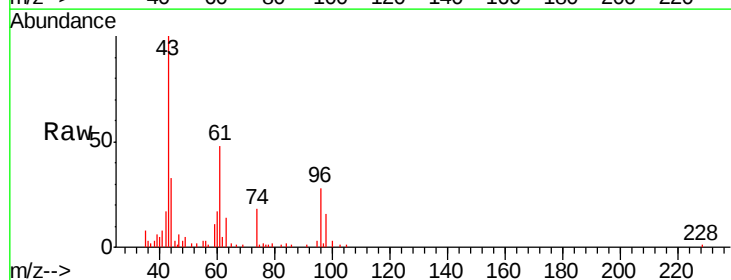
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

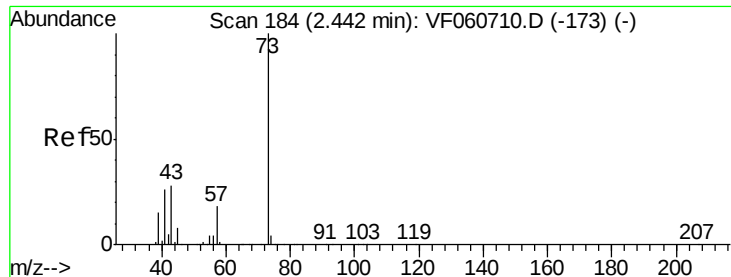
Tgt Ion: 76 Resp: 111670
Ion Ratio Lower Upper
76 100
78 12.2 10.5 15.7



#18
Methyl Acetate
Concen: 23.92 ug/l
RT: 2.35 min Scan# 174
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 43 Resp: 18348
Ion Ratio Lower Upper
43 100
74 18.0 11.8 17.8#

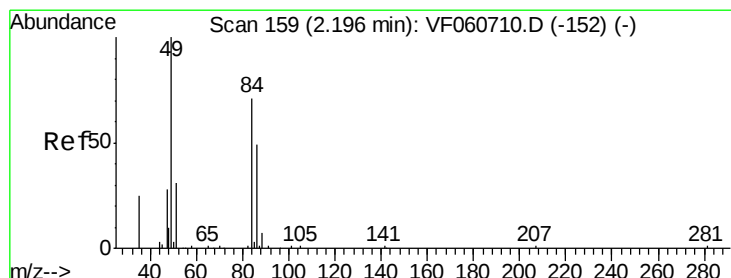
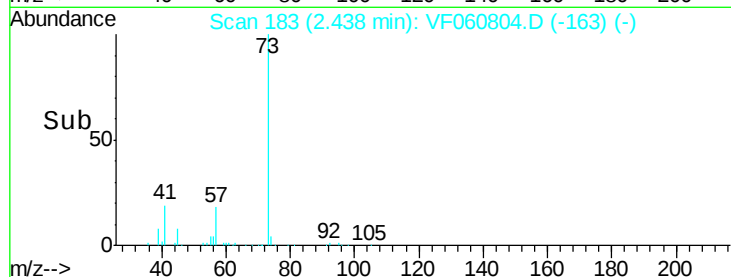
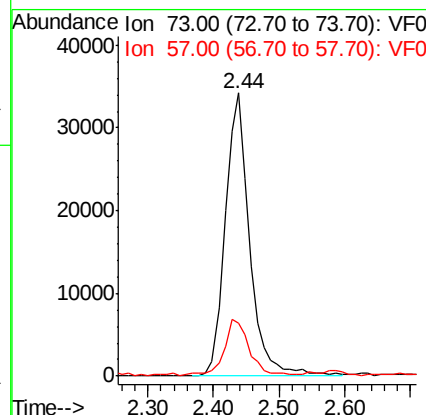
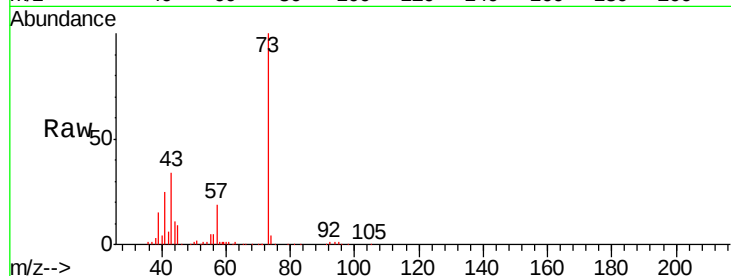




#19
Methyl tert-butyl Ether
Concen: 23.63 ug/l
RT: 2.44 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

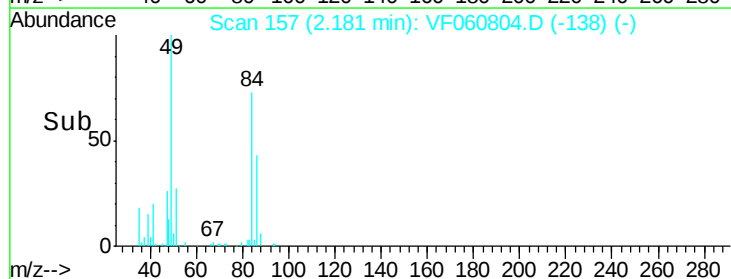
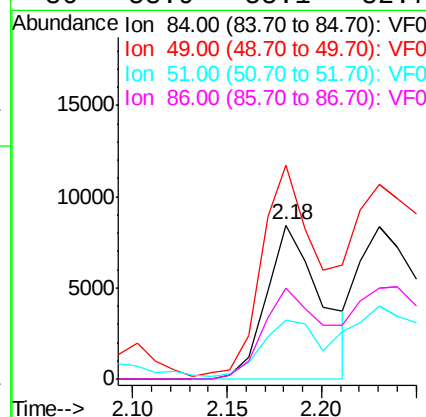
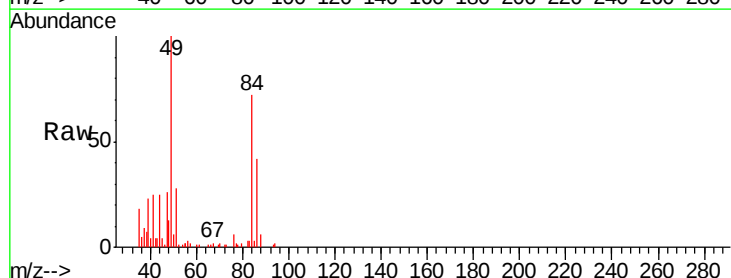
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

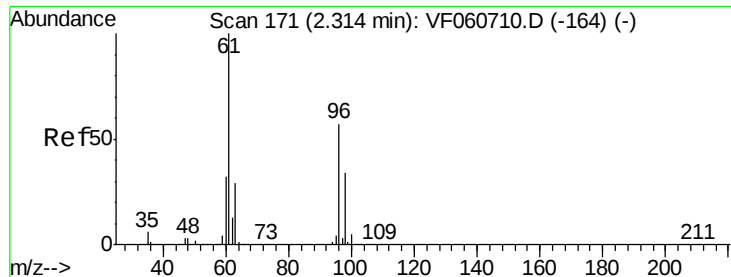
Tgt Ion: 73 Resp: 88624
Ion Ratio Lower Upper
73 100
57 18.5 14.3 21.5



#20
Methylene Chloride
Concen: 8.61 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 84 Resp: 17041
Ion Ratio Lower Upper
84 100
49 138.8 120.2 180.4
51 38.6 37.2 55.8
86 58.9 55.1 82.7





#21

trans-1,2-Dichloroethene

Concen: 24.61 ug/l

RT: 2.31 min Scan# 170

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

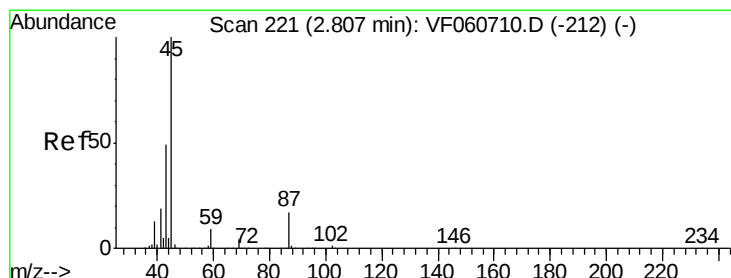
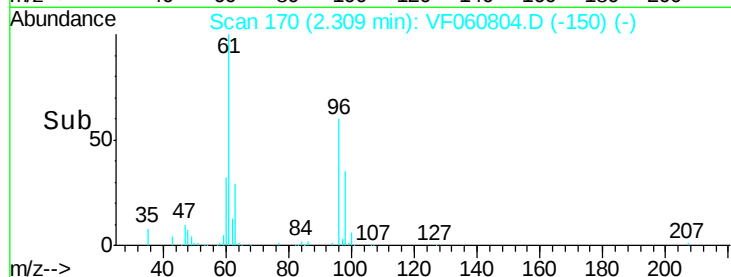
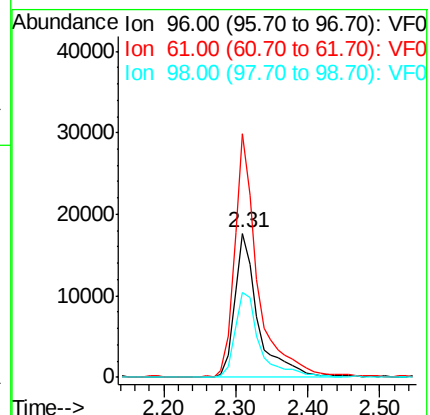
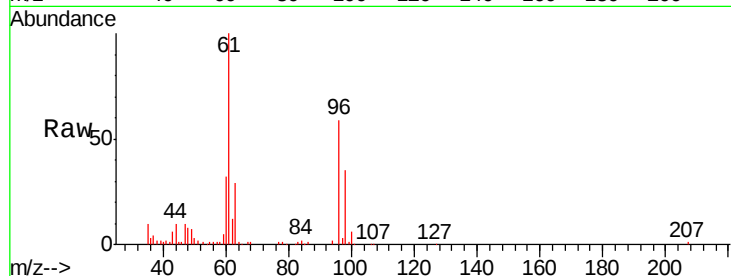
Tgt Ion: 96 Resp: 40204

Ion Ratio Lower Upper

96 100

61 169.1 141.6 212.4

98 59.1 47.4 71.0



#22

Diisopropyl ether

Concen: 23.67 ug/l

RT: 2.80 min Scan# 220

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion: 45 Resp: 125190

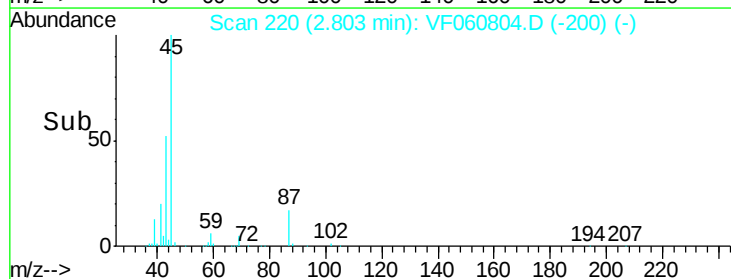
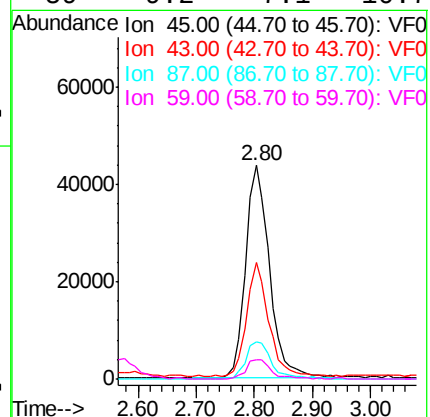
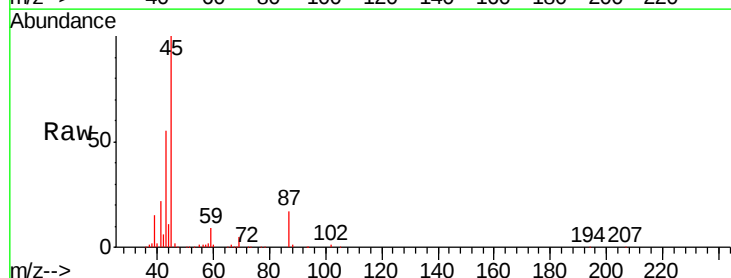
Ion Ratio Lower Upper

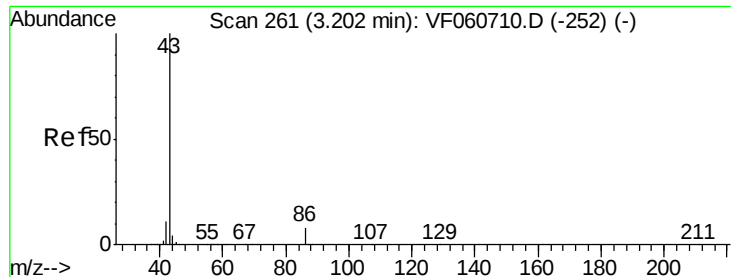
45 100

43 54.6 39.9 59.9

87 17.4 13.9 20.9

59 9.2 7.1 10.7





#23

Vinyl Acetate

Concen: 127.71 ug/l

RT: 3.20 min Scan# 260

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

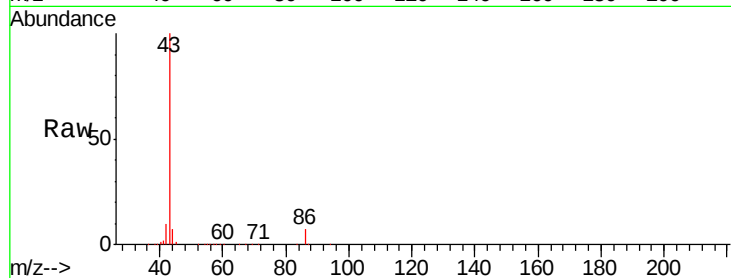
VF1120SBS01

Tgt Ion: 43 Resp: 318017

Ion Ratio Lower Upper

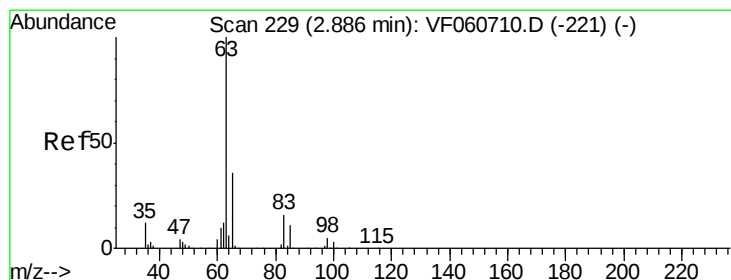
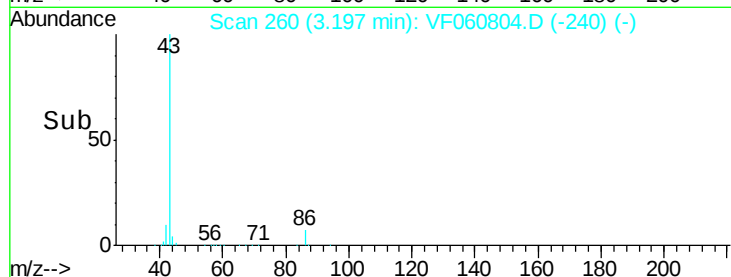
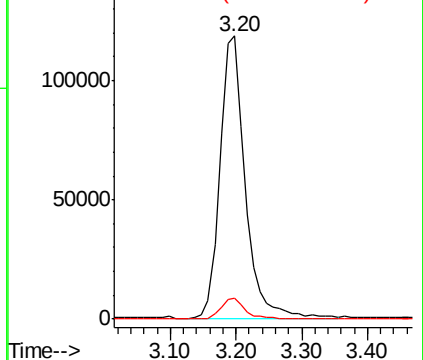
43 100

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: 24.34 ug/l

RT: 2.87 min Scan# 227

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

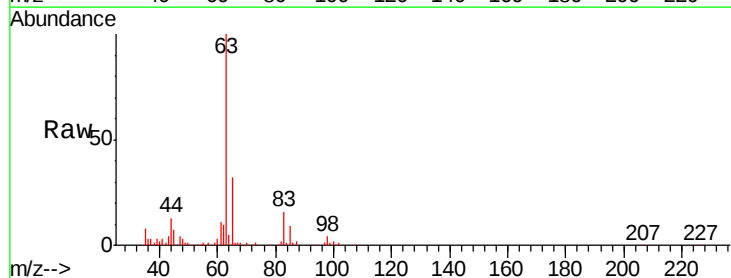
Tgt Ion: 63 Resp: 77921

Ion Ratio Lower Upper

63 100

98 4.0 2.4 7.1

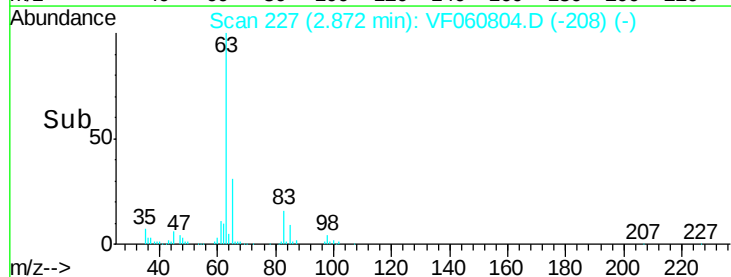
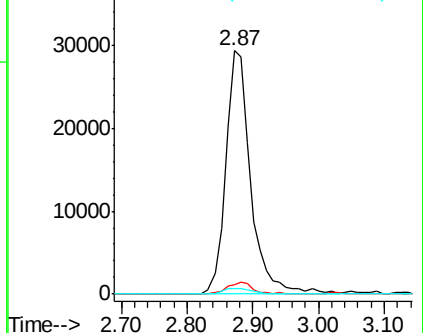
100 2.3 1.4 4.2

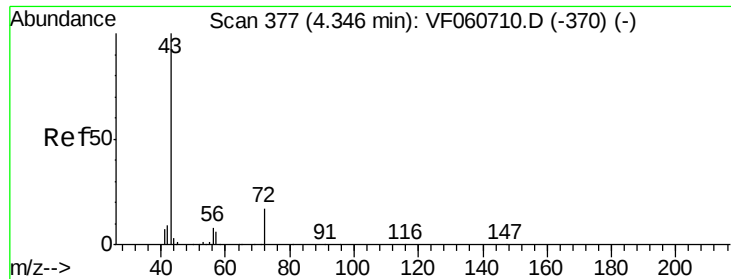


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 117.39 ug/l

RT: 4.34 min Scan# 376

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

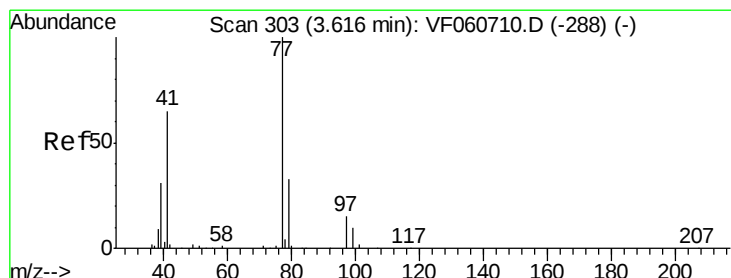
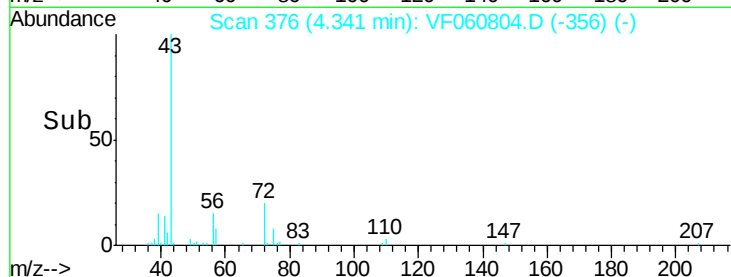
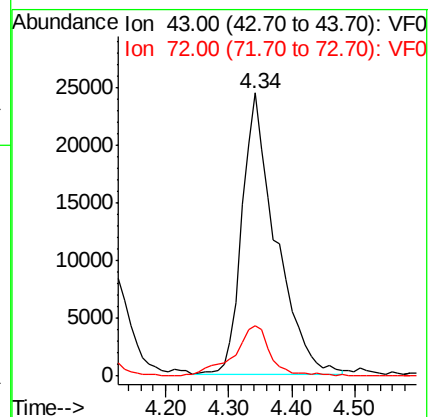
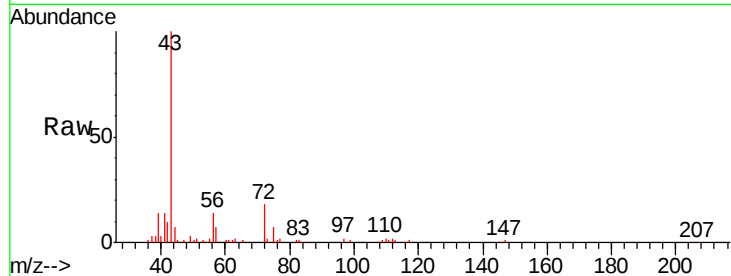
VF1120SBS01

Tgt Ion: 43 Resp: 90210

Ion Ratio Lower Upper

43 100

72 17.6 16.1 24.1



#26

2,2-Dichloropropane

Concen: 21.00 ug/l

RT: 3.60 min Scan# 301

Delta R.T. -0.01 min

Lab File: VF060804.D

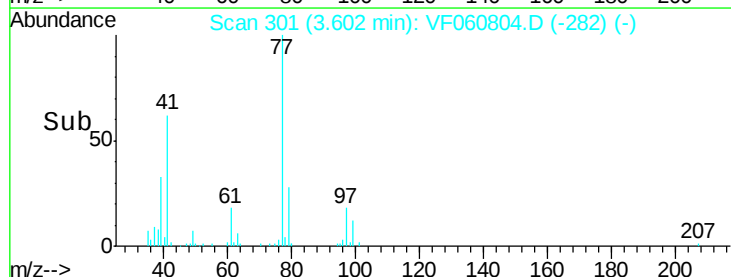
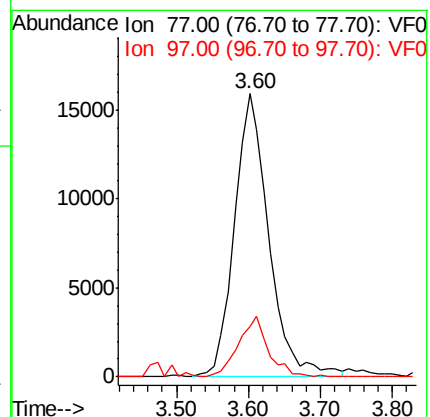
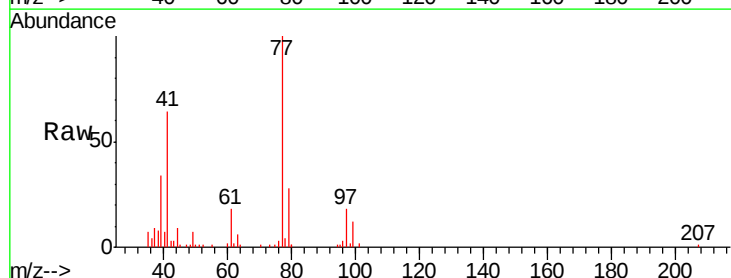
Acq: 20 Nov 2018 14:51

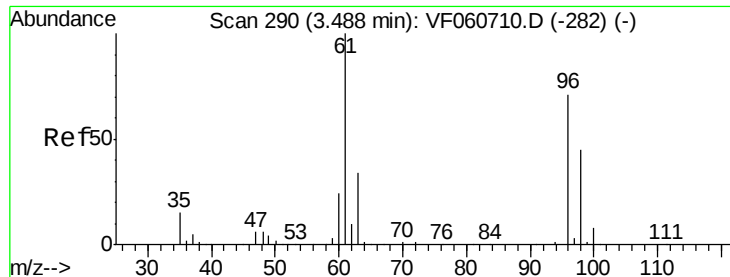
Tgt Ion: 77 Resp: 52899

Ion Ratio Lower Upper

77 100

97 17.8 8.8 26.5





#27

cis-1,2-Dichloroethene

Concen: 23.49 ug/l

RT: 3.48 min Scan# 289

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

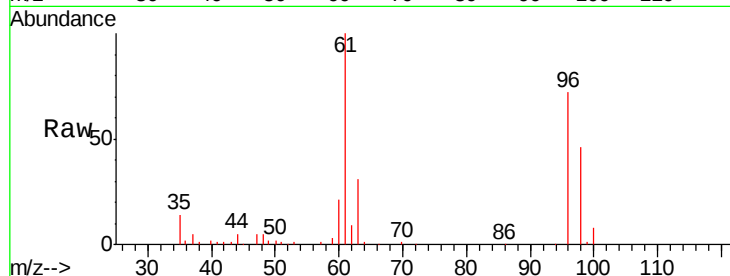
Tgt Ion: 96 Resp: 65279

Ion Ratio Lower Upper

96 100

61 138.0 0.0 280.6

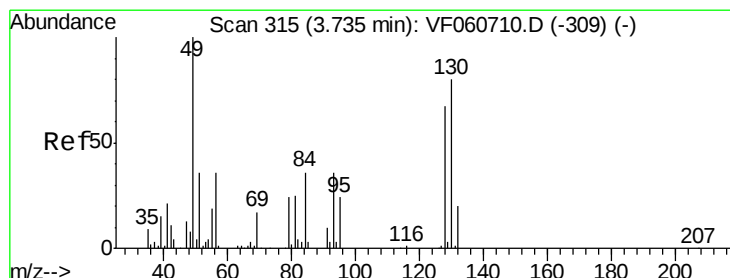
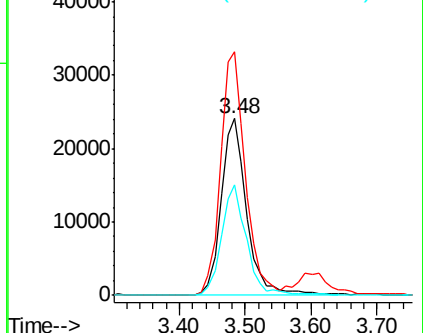
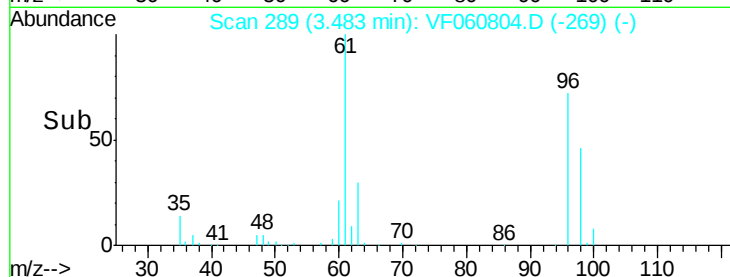
98 62.8 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane

Concen: 22.63 ug/l

RT: 3.72 min Scan# 313

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

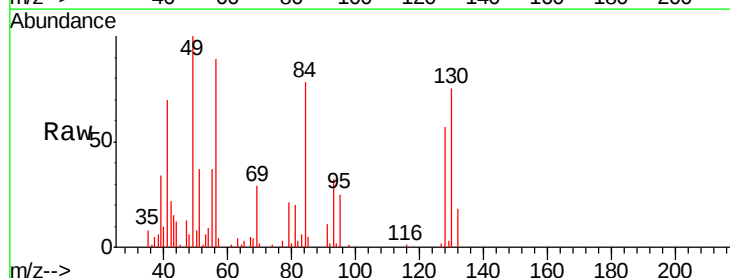
Tgt Ion: 49 Resp: 37644

Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.2

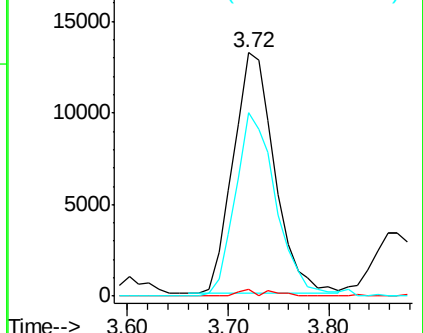
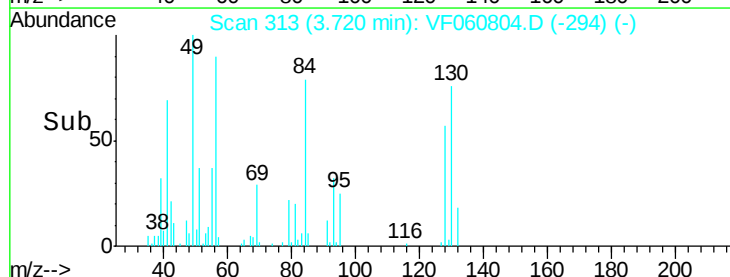
130 75.3 63.9 95.9

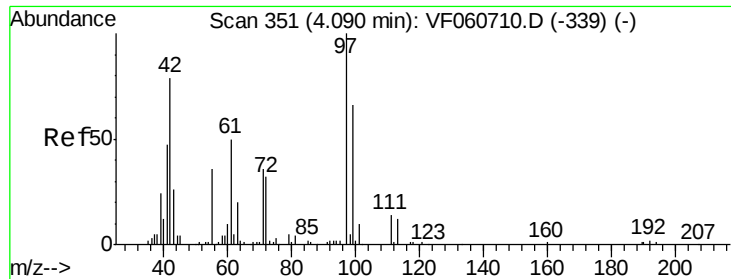


Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 119.50 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

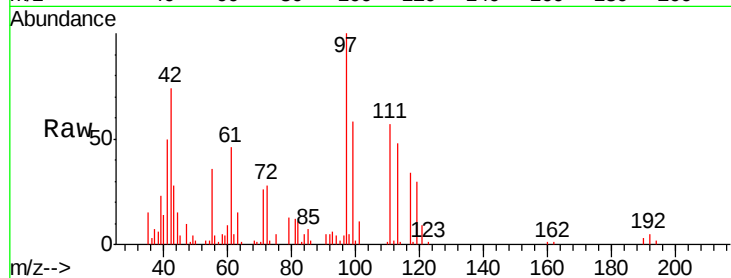
Tgt Ion: 42 Resp: 37880

Ion Ratio Lower Upper

42 100

72 40.7 30.3 45.5

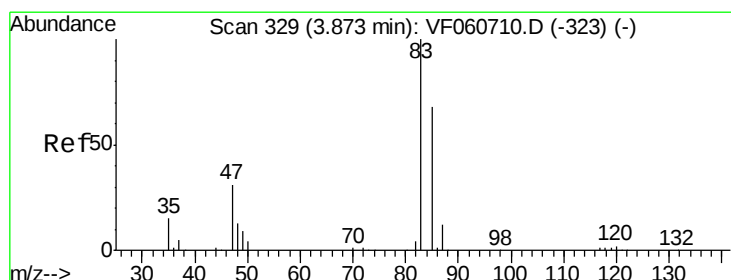
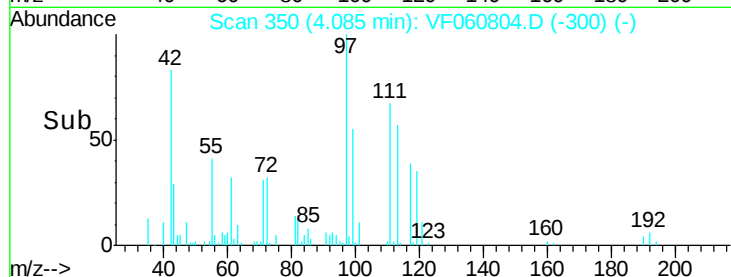
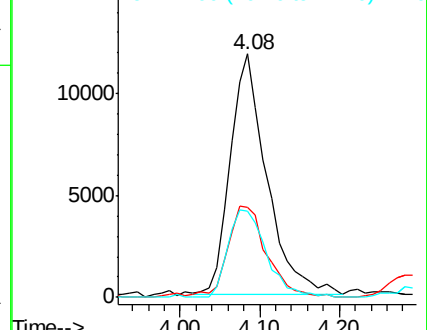
71 38.4 32.2 48.2



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: 22.37 ug/l

RT: 3.87 min Scan# 328

Delta R.T. -0.00 min

Lab File: VF060804.D

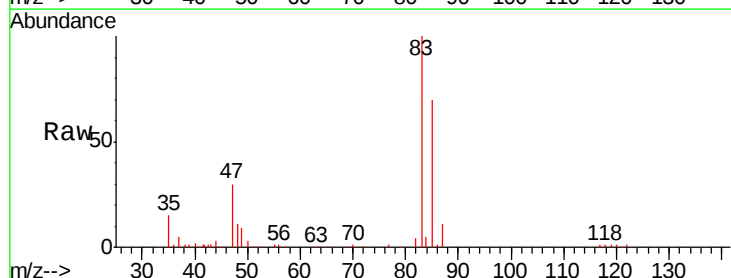
Acq: 20 Nov 2018 14:51

Tgt Ion: 83 Resp: 114893

Ion Ratio Lower Upper

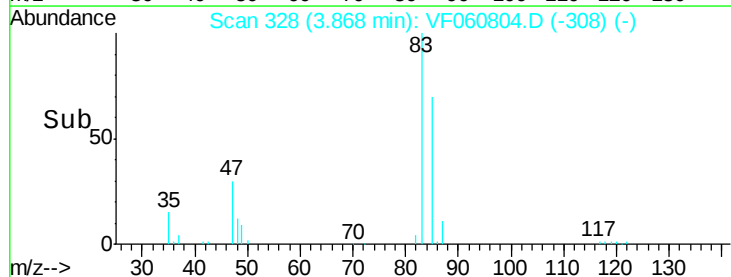
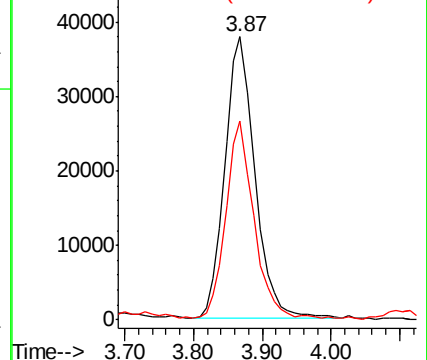
83 100

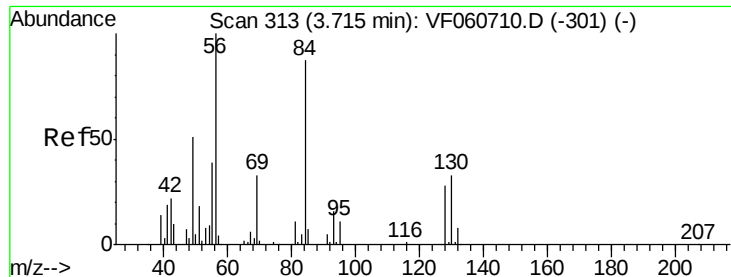
85 70.2 54.6 82.0



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

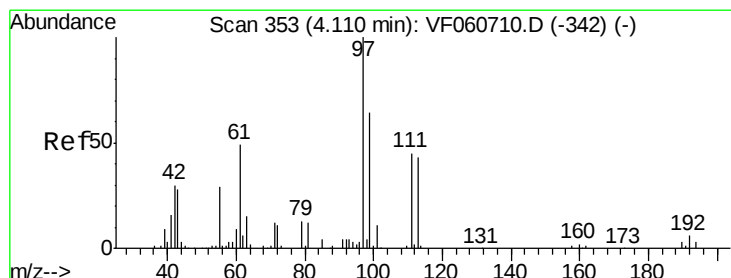
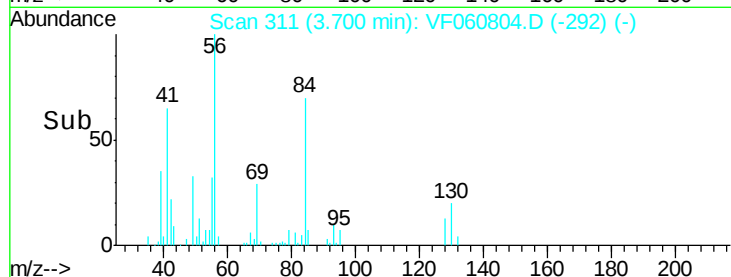
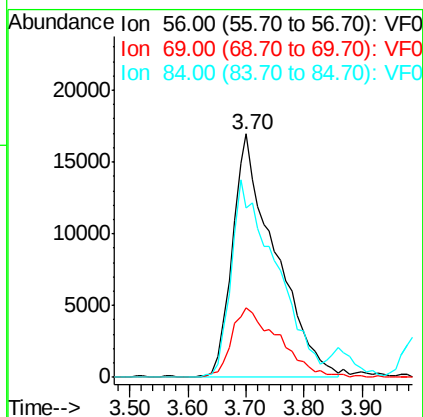
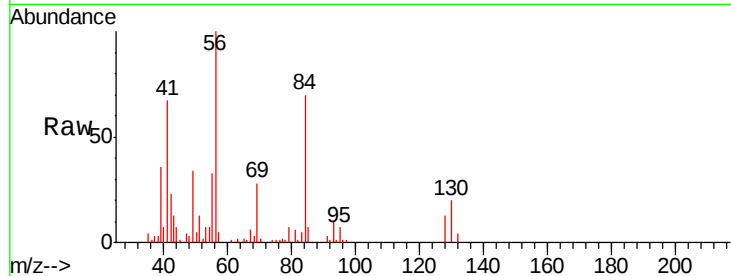




#31
Cyclohexane
Concen: 22.22 ug/l
RT: 3.70 min Scan# 311
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

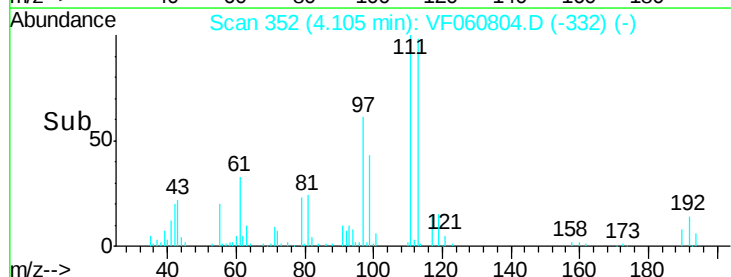
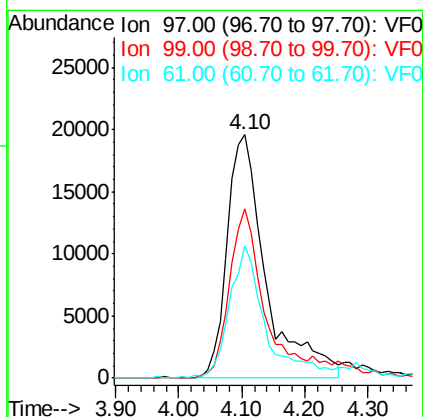
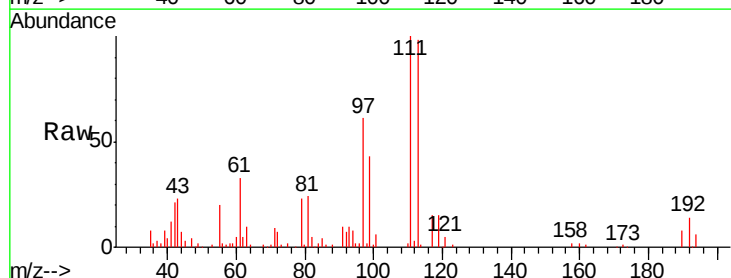
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

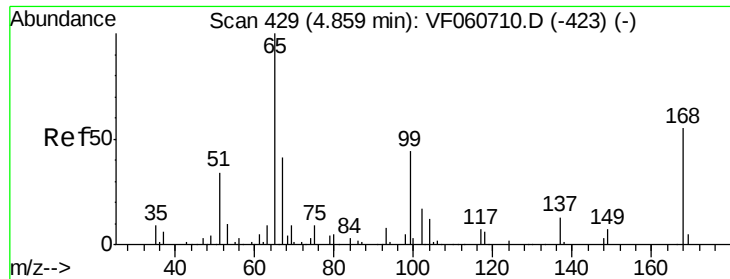
Tgt Ion: 56 Resp: 86328
Ion Ratio Lower Upper
56 100
69 28.4 26.0 39.0
84 69.5 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 20.84 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 97 Resp: 84280
Ion Ratio Lower Upper
97 100
99 69.6 51.1 76.7
61 54.1 40.1 60.1

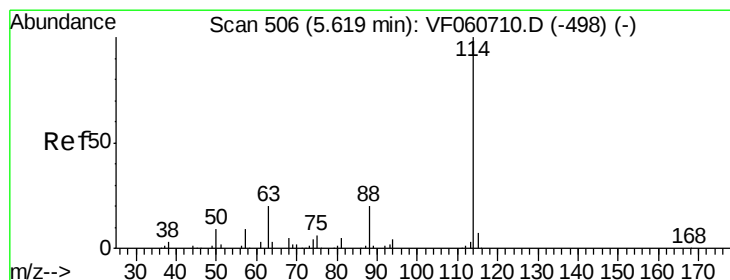
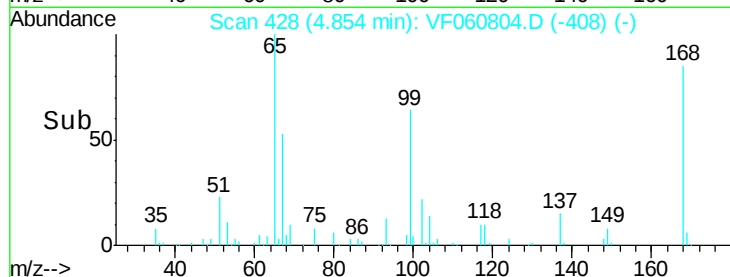
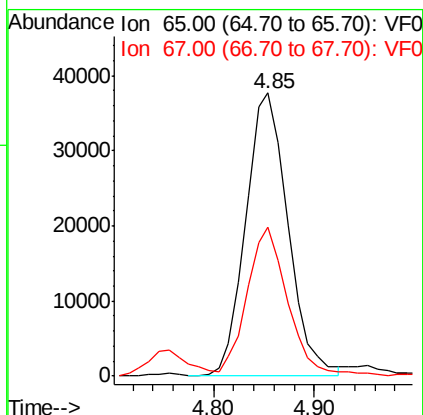
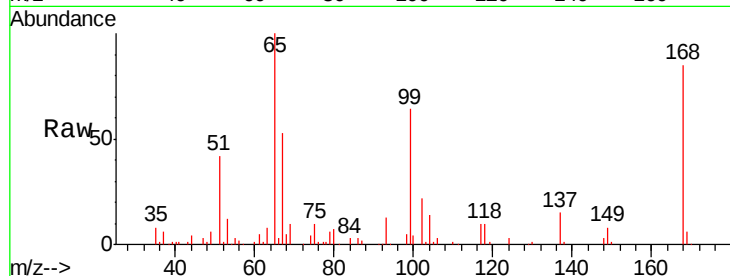




#33
 1,2-Dichloroethane-d4
 Concen: 50.35 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

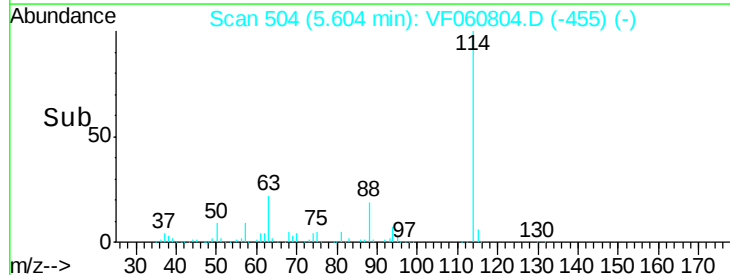
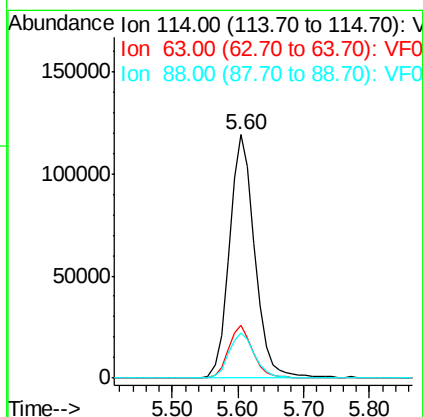
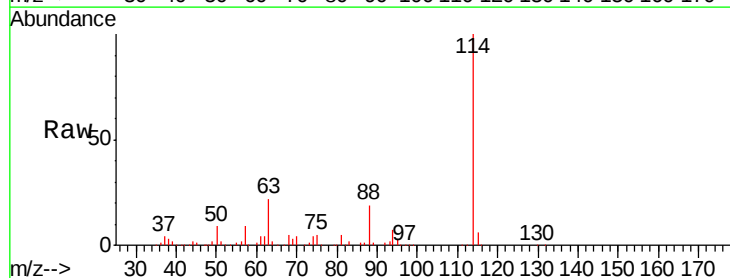
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

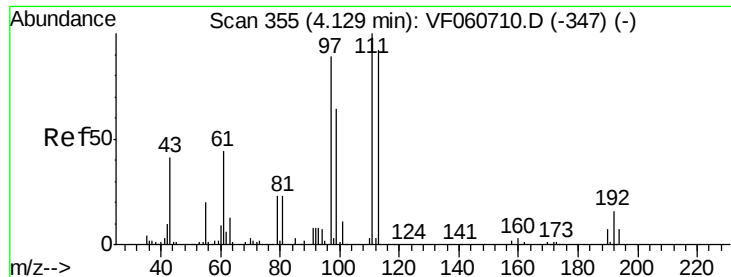
Tgt Ion: 65 Resp: 110064
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 90.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion: 114 Resp: 321484
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.8
 88 18.7 0.0 39.6

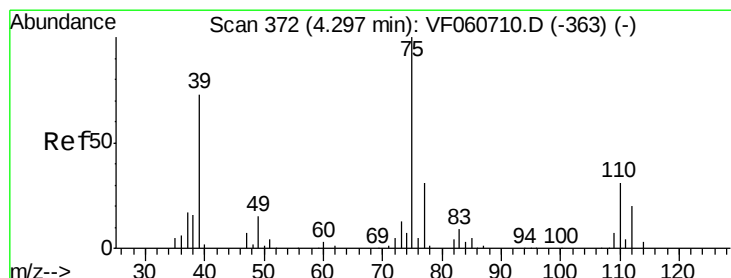
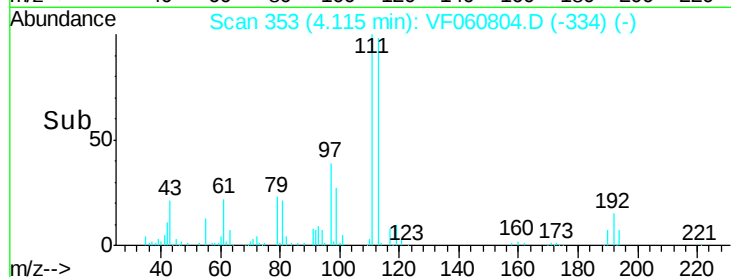
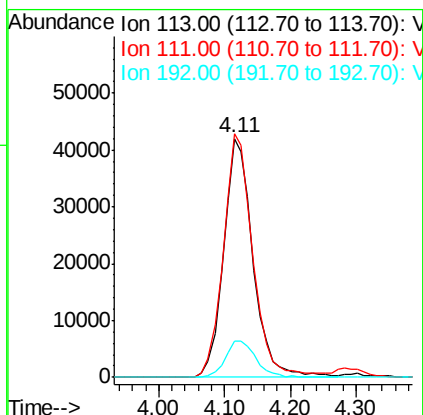
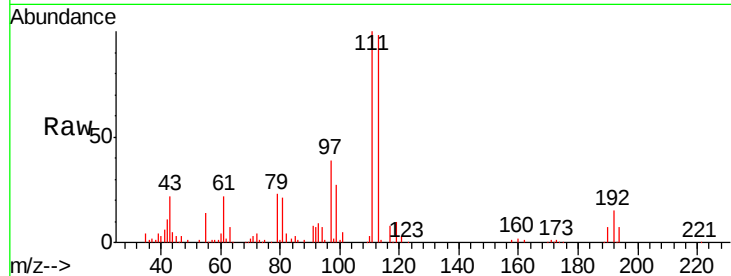




#35
Dibromofluoromethane
Concen: 54.14 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

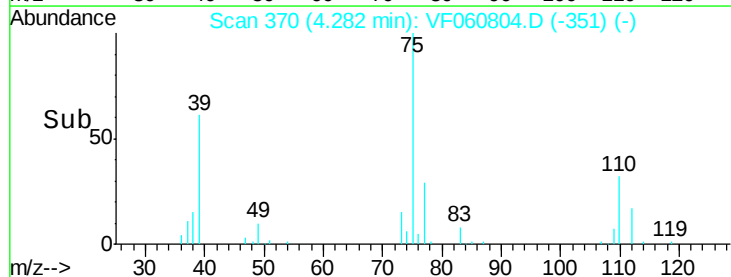
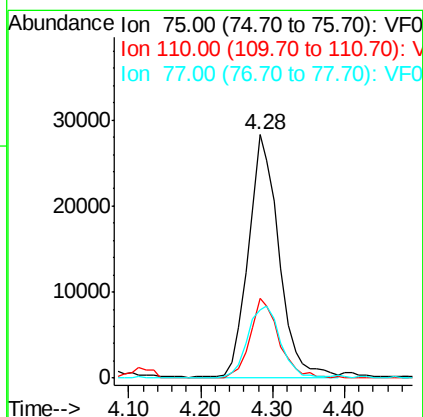
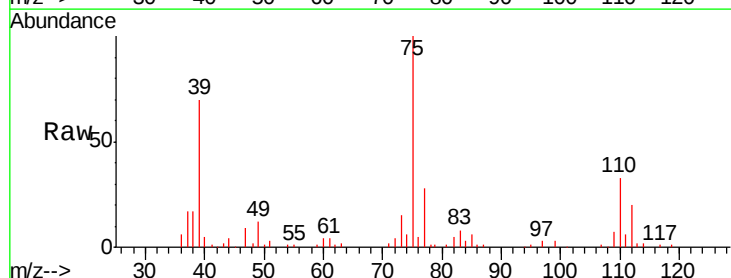
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

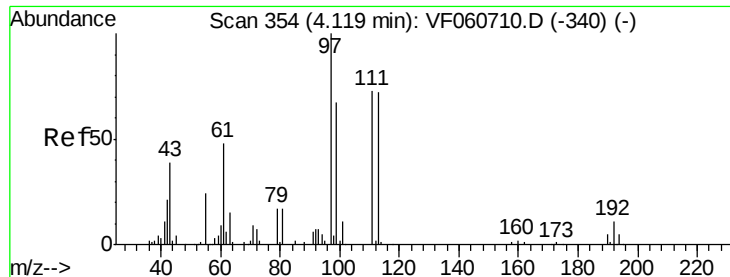
Tgt Ion:113 Resp: 130826
Ion Ratio Lower Upper
113 100
111 101.9 87.1 130.7
192 15.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 22.65 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 75 Resp: 84465
Ion Ratio Lower Upper
75 100
110 32.8 15.6 46.8
77 28.1 25.0 37.6





#37

Ethyl Acetate

Concen: 24.90 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

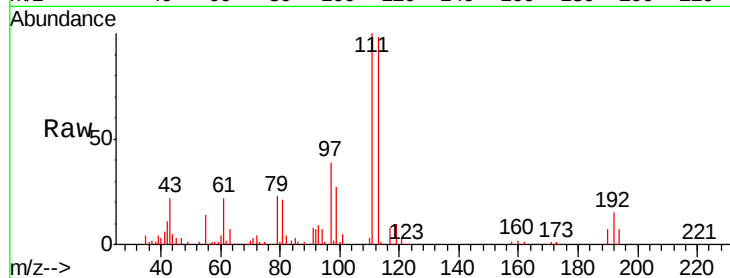
Tgt Ion: 43 Resp: 34510

Ion Ratio Lower Upper

43 100

61 99.6 98.5 147.7

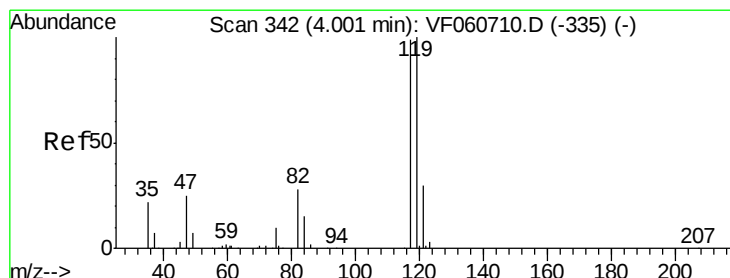
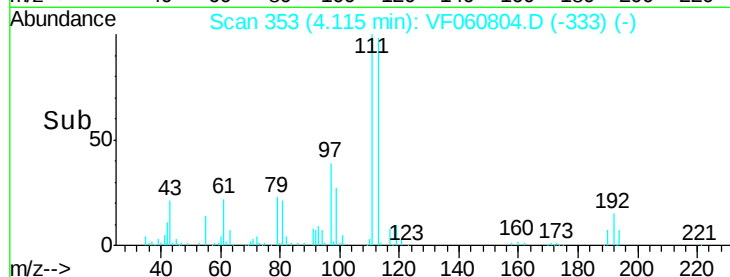
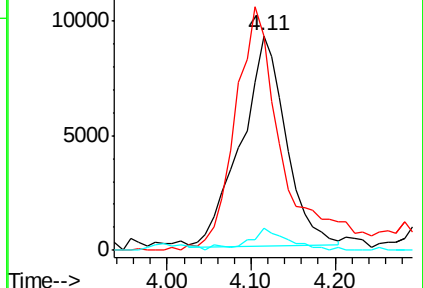
70 10.5 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 20.00 ug/l

RT: 4.00 min Scan# 341

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

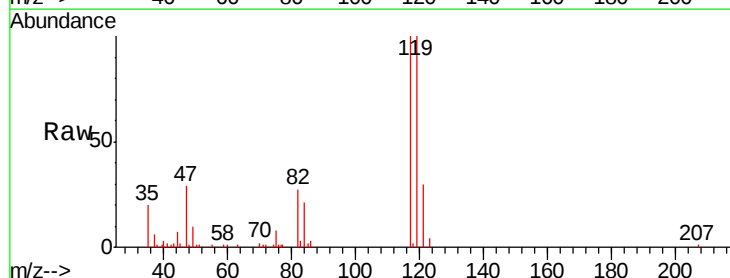
Tgt Ion: 117 Resp: 72339

Ion Ratio Lower Upper

117 100

119 100.4 80.7 121.1

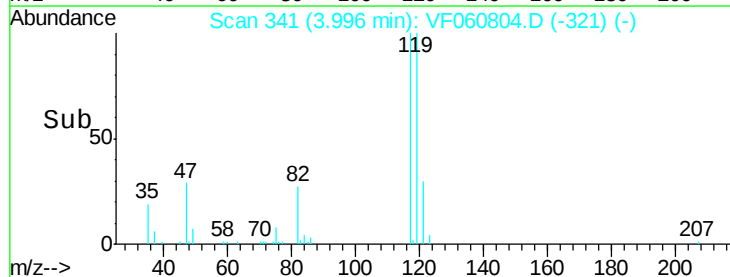
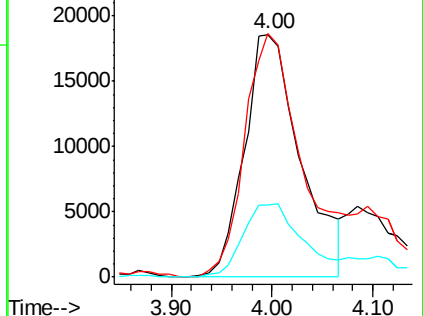
121 29.8 24.3 36.5

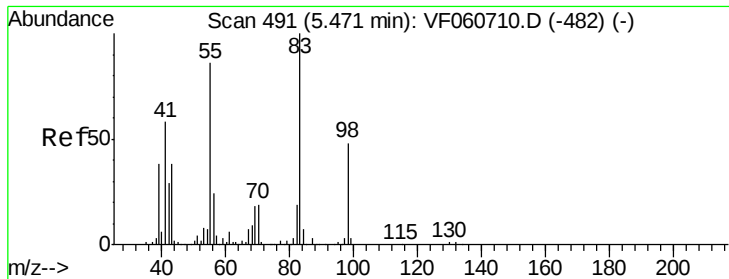


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

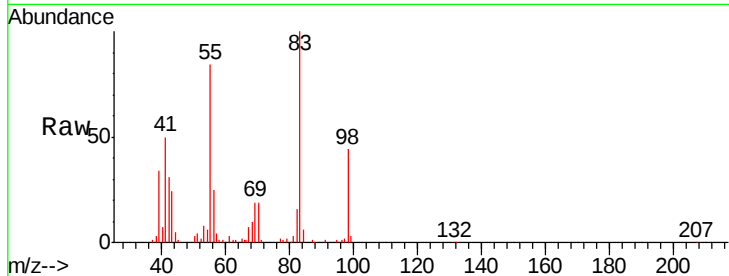




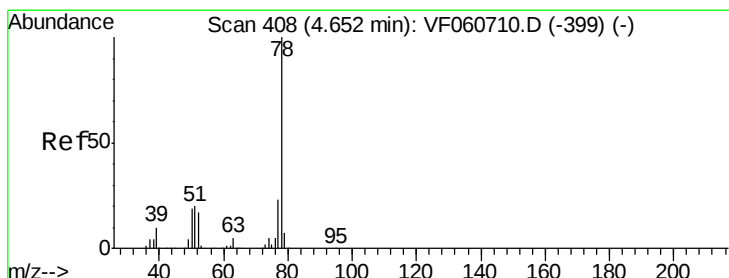
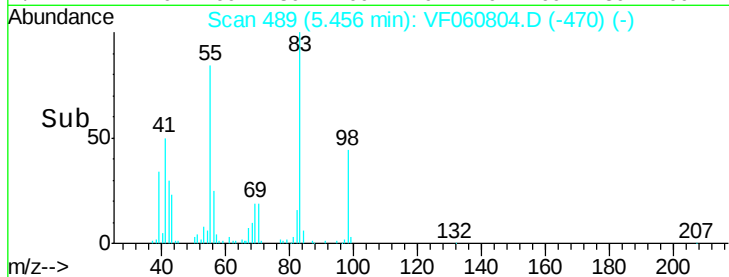
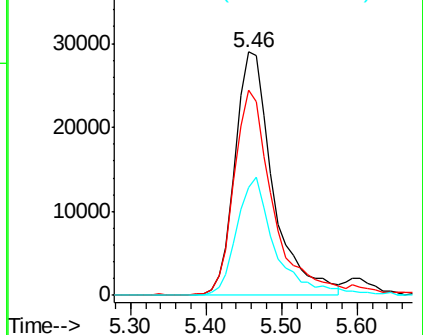
#39
Methylcyclohexane
Concen: 23.45 ug/l
RT: 5.46 min Scan# 489
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion: 83 Resp: 101423
Ion Ratio Lower Upper
83 100
55 84.3 69.0 103.4
98 44.4 38.5 57.7

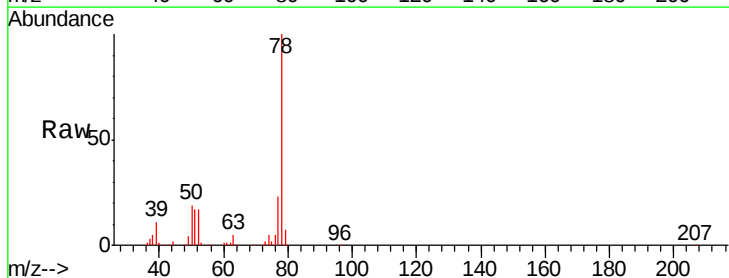


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

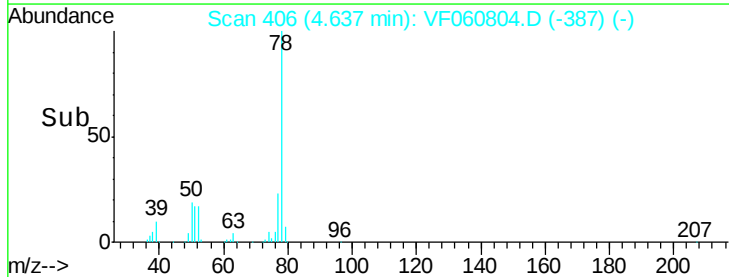
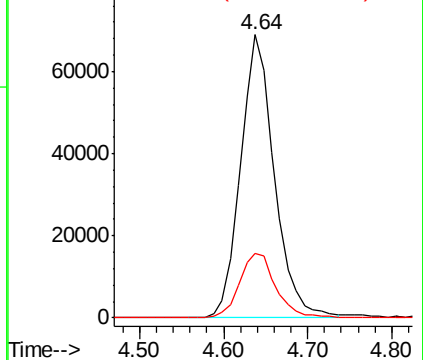


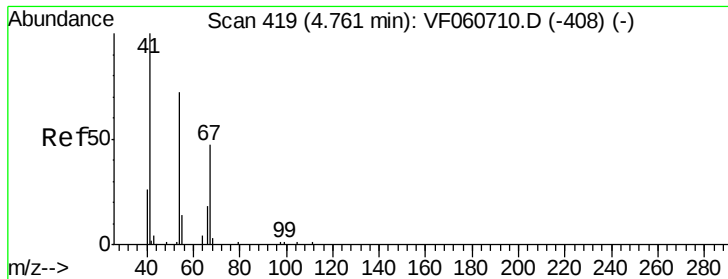
#40
Benzene
Concen: 23.22 ug/l
RT: 4.64 min Scan# 406
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 78 Resp: 192998
Ion Ratio Lower Upper
78 100
77 22.8 18.6 28.0



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





#41

Methacrylonitrile

Concen: 23.82 ug/l

RT: 4.76 min Scan# 418

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 41 Resp: 19279

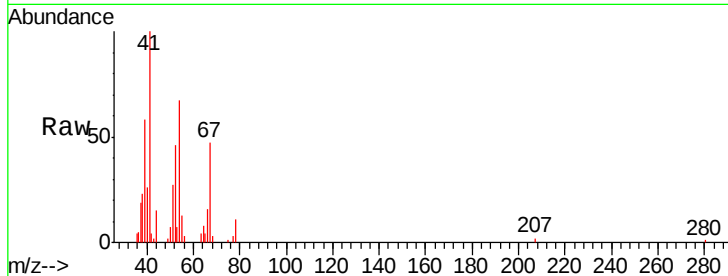
Ion Ratio Lower Upper

41 100

39 58.4 47.1 70.7

67 47.2 37.1 55.7

52 46.2 39.3 58.9

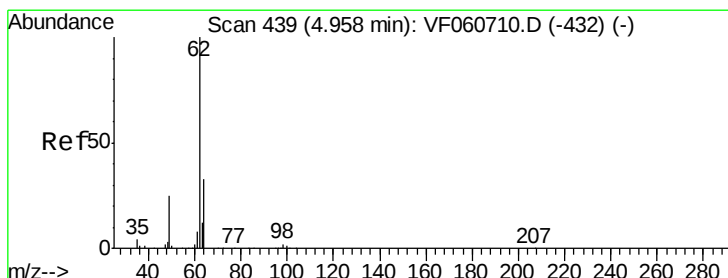
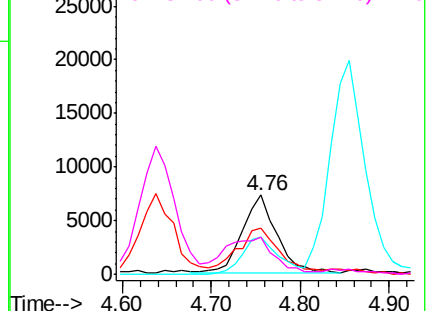
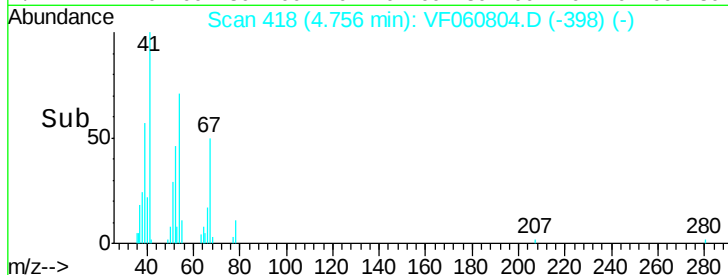


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 22.28 ug/l

RT: 4.95 min Scan# 438

Delta R.T. -0.00 min

Lab File: VF060804.D

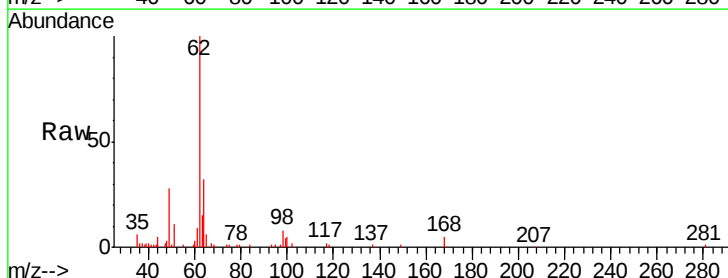
Acq: 20 Nov 2018 14:51

Tgt Ion: 62 Resp: 63990

Ion Ratio Lower Upper

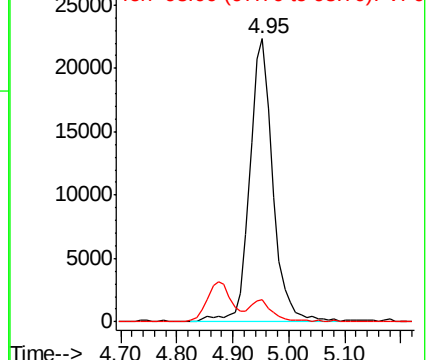
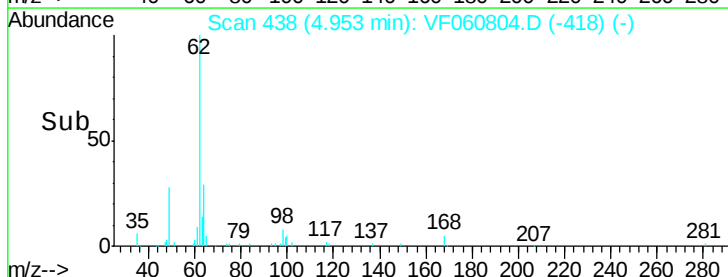
62 100

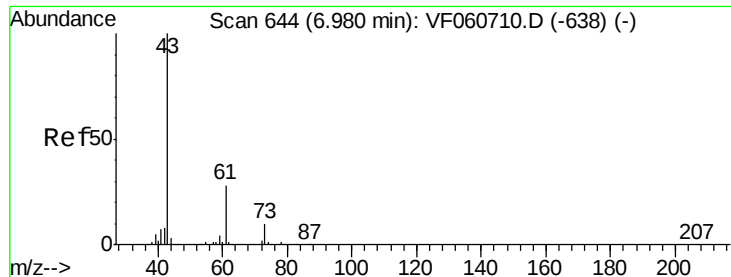
98 7.9 0.0 16.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

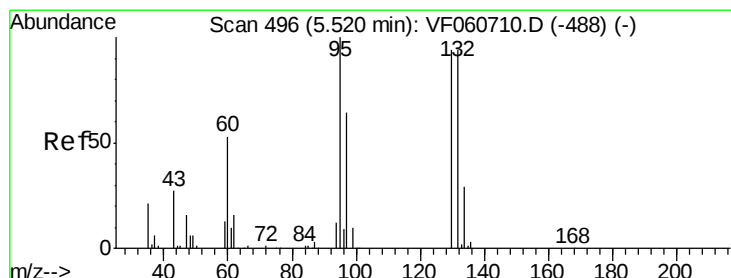
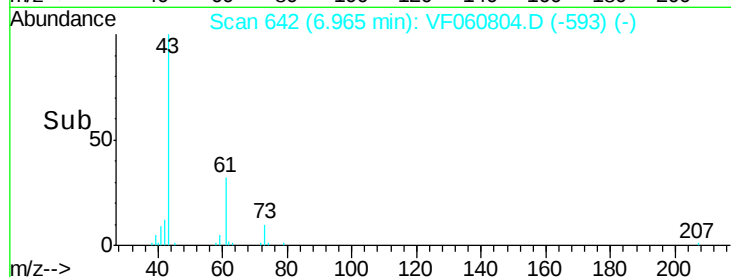
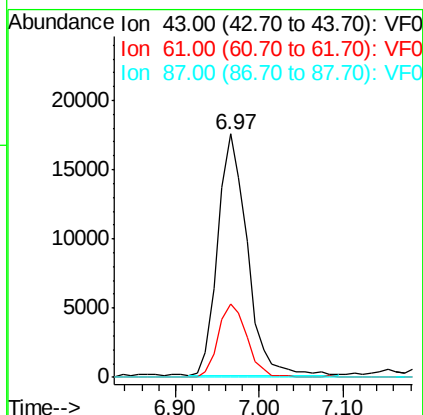
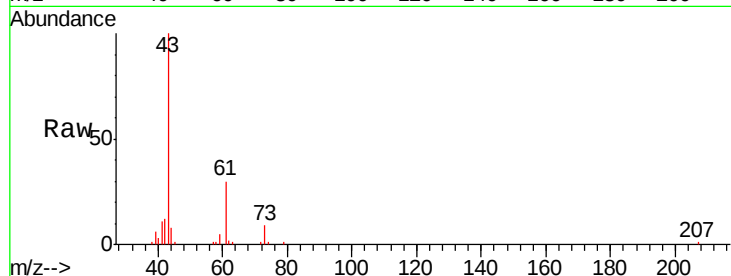




#43
Isopropyl Acetate
Concen: 23.14 ug/l
RT: 6.97 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

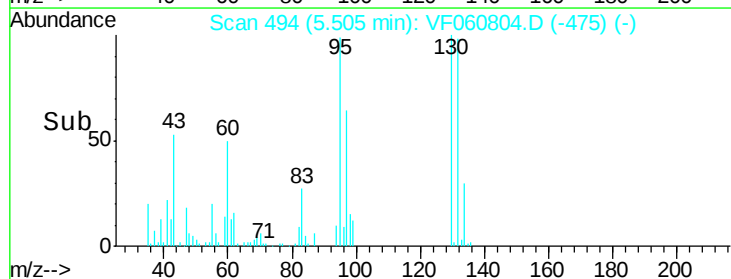
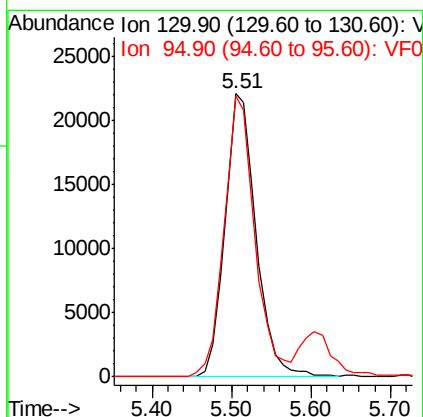
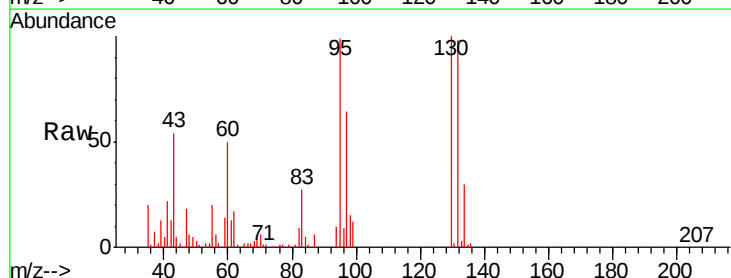
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

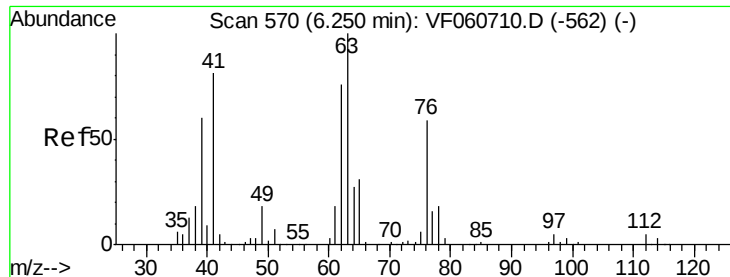
Tgt Ion: 43 Resp: 42533
Ion Ratio Lower Upper
43 100
61 30.4 22.2 33.4
87 0.0 0.4 0.6#



#44
Trichloroethene
Concen: 22.96 ug/l
RT: 5.51 min Scan# 494
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 130 Resp: 60203
Ion Ratio Lower Upper
130 100
95 99.3 0.0 212.6





#45

1,2-Dichloropropane

Concen: 23.79 ug/l

RT: 6.25 min Scan# 569

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

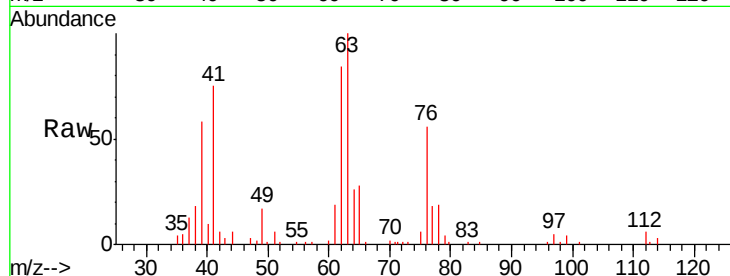
VF1120SBS01

Tgt Ion: 63 Resp: 51452

Ion Ratio Lower Upper

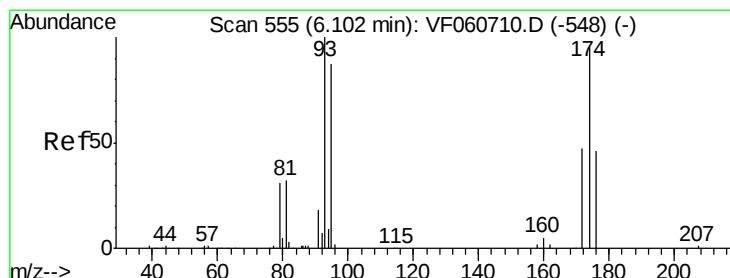
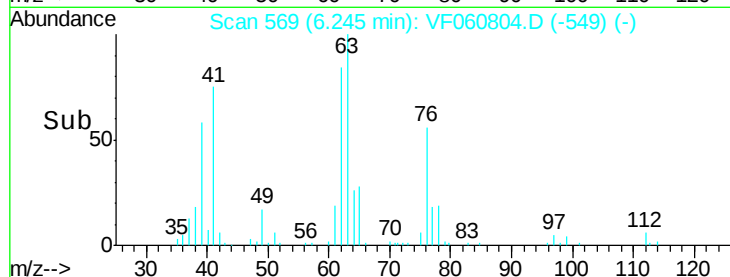
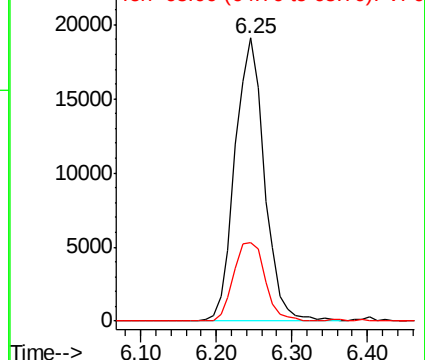
63 100

65 28.0 24.6 36.8



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 22.42 ug/l

RT: 6.10 min Scan# 554

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

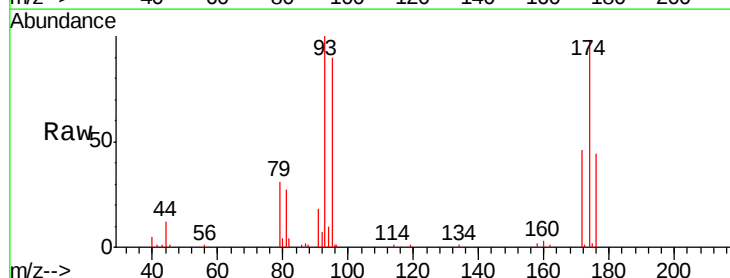
Tgt Ion: 93 Resp: 32006

Ion Ratio Lower Upper

93 100

95 90.5 69.5 104.3

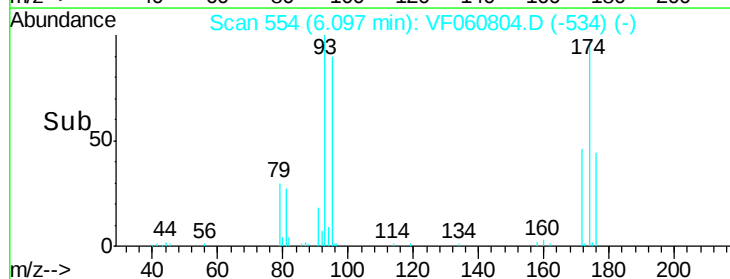
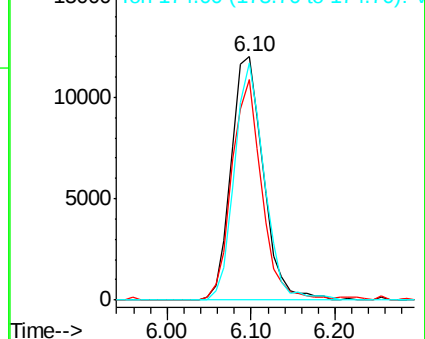
174 97.7 76.2 114.2

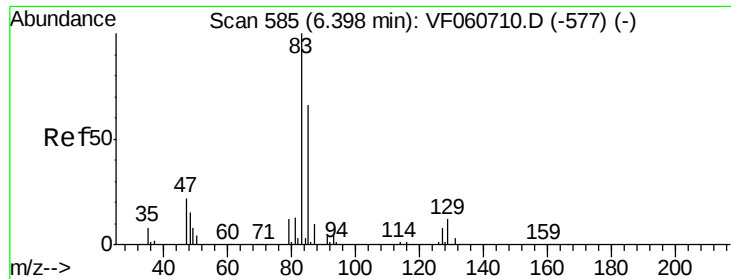


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 22.28 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

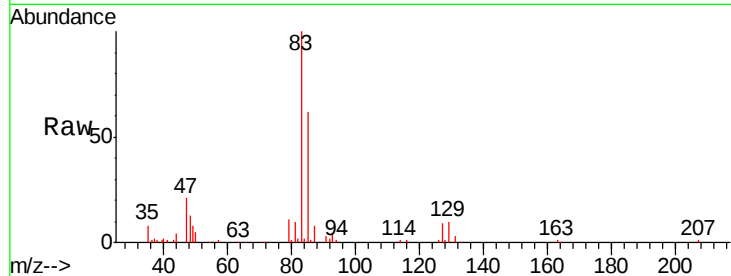
Tgt Ion: 83 Resp: 81239

Ion Ratio Lower Upper

83 100

85 61.7 52.4 78.6

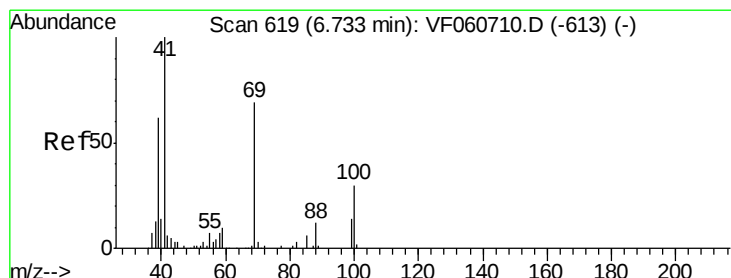
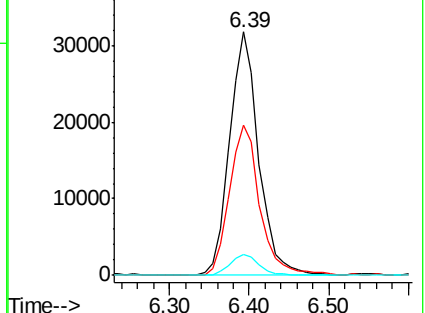
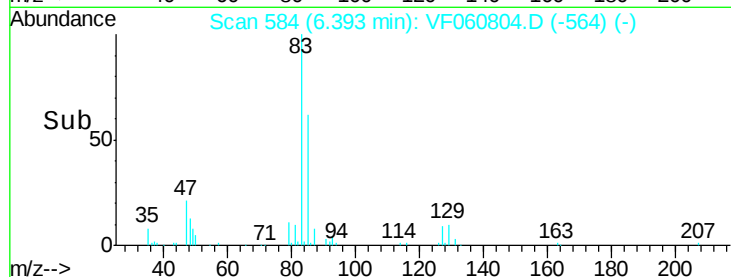
127 8.5 6.8 10.2



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: 23.33 ug/l

RT: 6.72 min Scan# 617

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

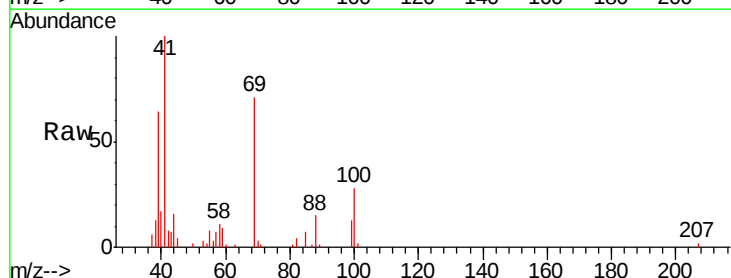
Tgt Ion: 41 Resp: 28382

Ion Ratio Lower Upper

41 100

69 70.7 54.9 82.3

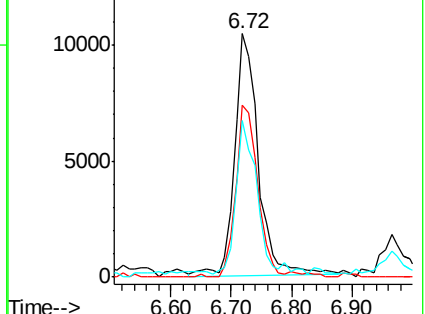
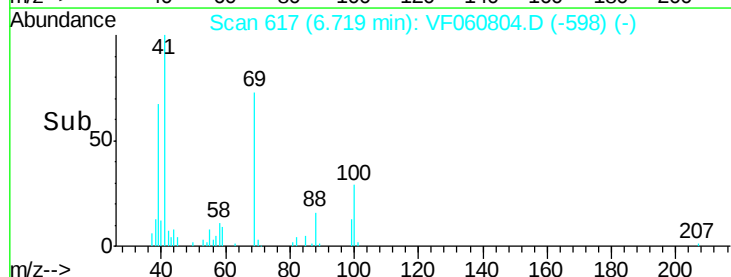
39 64.4 49.6 74.4

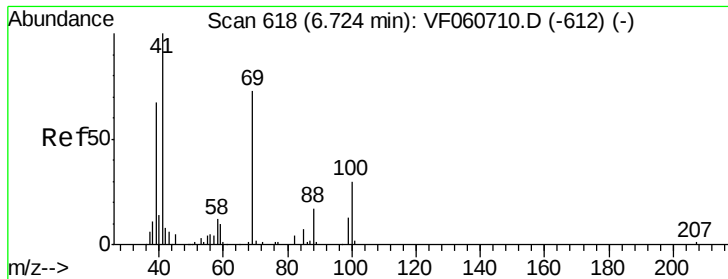


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 451.75 ug/l

RT: 6.72 min Scan# 617

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

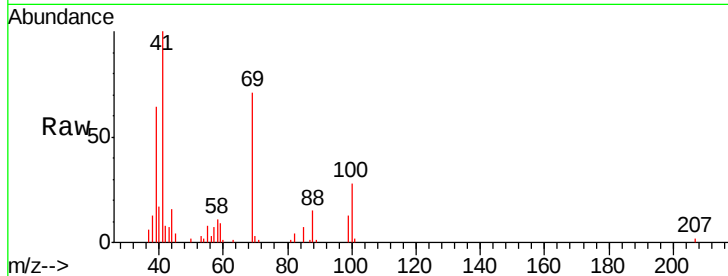
Tgt Ion: 88 Resp: 5139

Ion Ratio Lower Upper

88 100

43 47.7 44.6 66.8

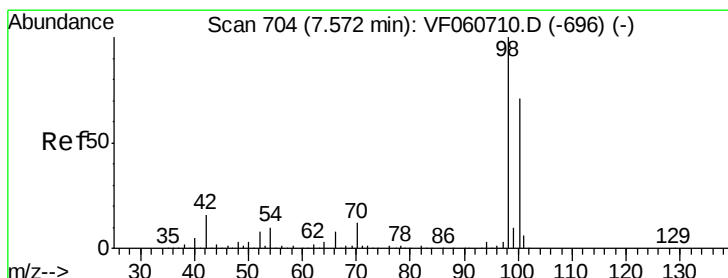
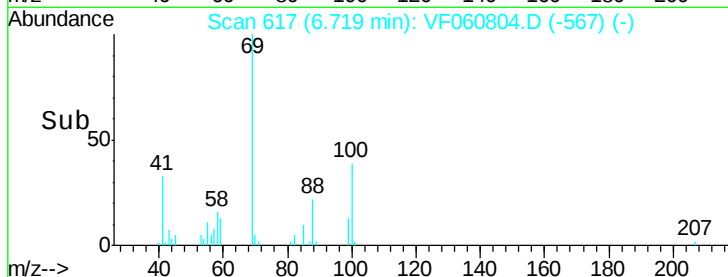
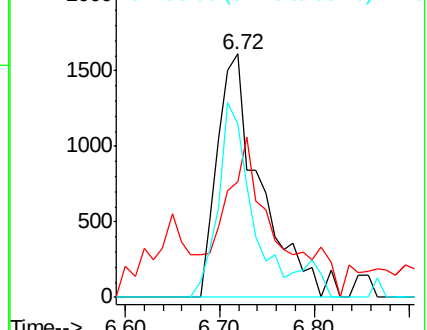
58 71.4 54.5 81.7



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 52.89 ug/l

RT: 7.57 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF060804.D

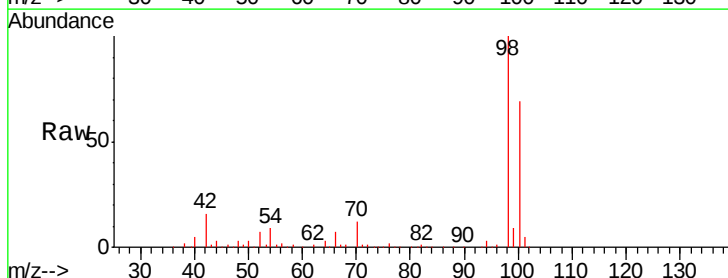
Acq: 20 Nov 2018 14:51

Tgt Ion: 98 Resp: 326662

Ion Ratio Lower Upper

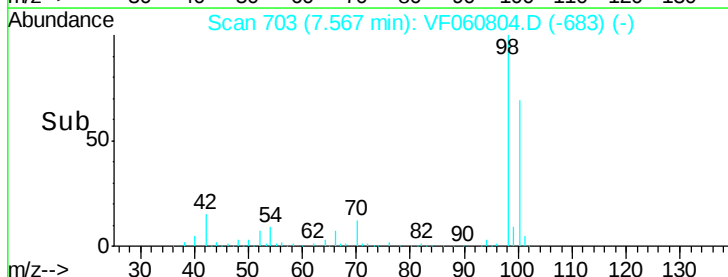
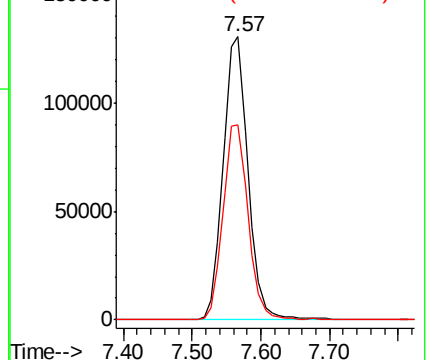
98 100

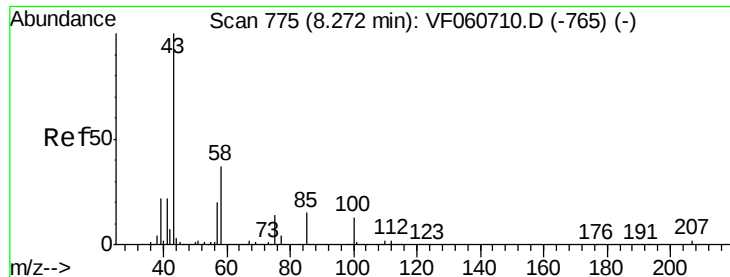
100 69.0 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 118.40 ug/l

RT: 8.27 min Scan# 774

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

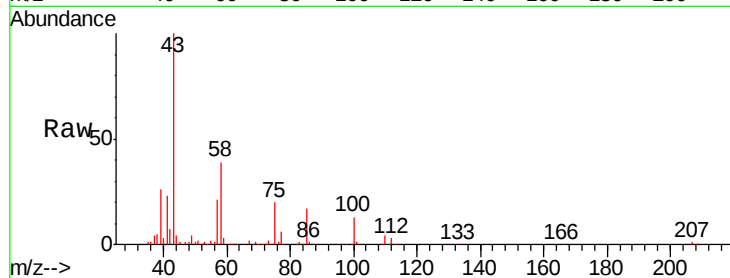
VF1120SBS01

Tgt Ion: 43 Resp: 157380

Ion Ratio Lower Upper

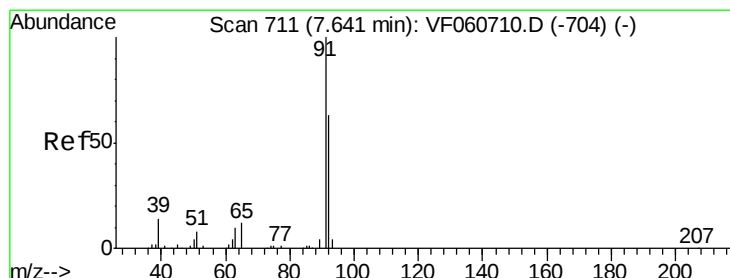
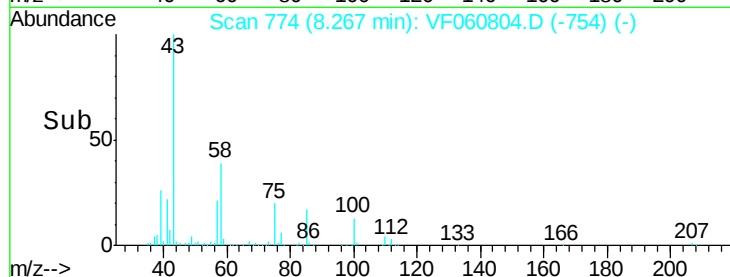
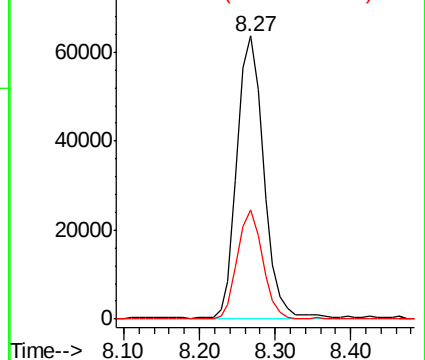
43 100

58 38.5 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: 21.64 ug/l

RT: 7.64 min Scan# 710

Delta R.T. -0.00 min

Lab File: VF060804.D

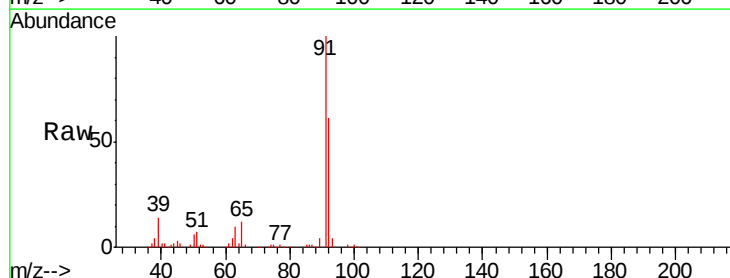
Acq: 20 Nov 2018 14:51

Tgt Ion: 92 Resp: 120532

Ion Ratio Lower Upper

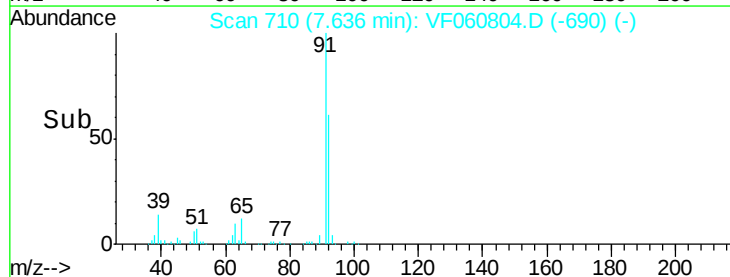
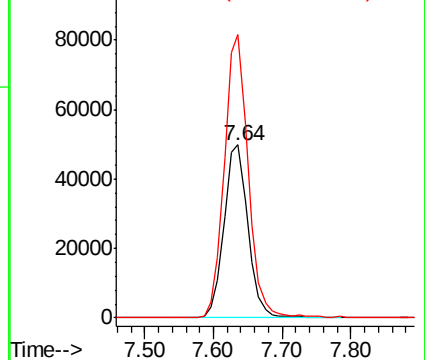
92 100

91 163.8 126.7 190.1



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: 22.67 ug/l

RT: 8.29 min Scan# 776

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

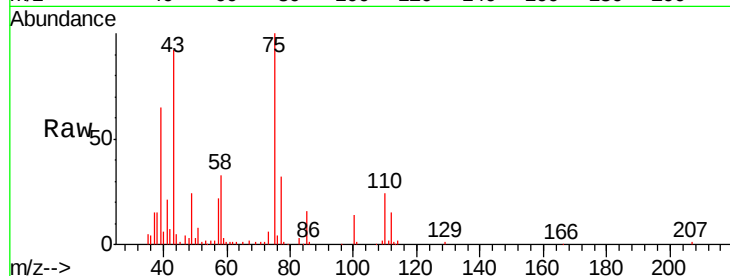
VF1120SBS01

Tgt Ion: 75 Resp: 66204

Ion Ratio Lower Upper

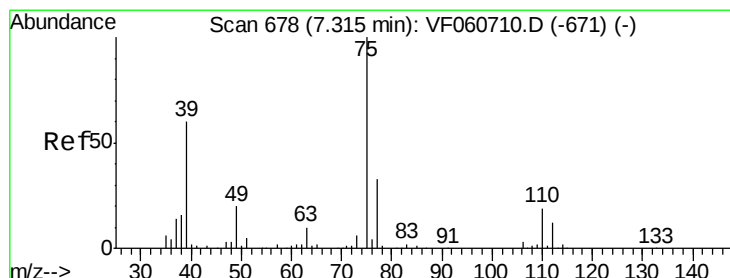
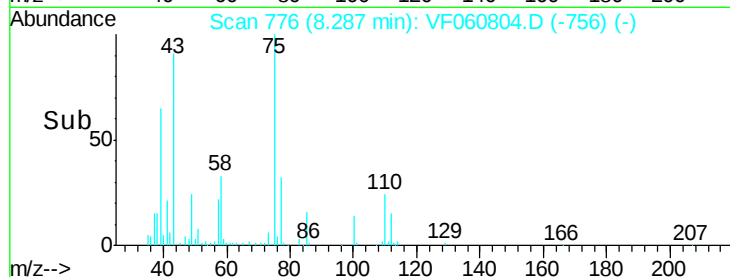
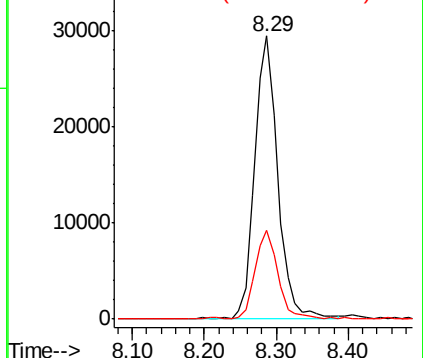
75 100

77 31.5 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 22.49 ug/l

RT: 7.32 min Scan# 678

Delta R.T. 0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

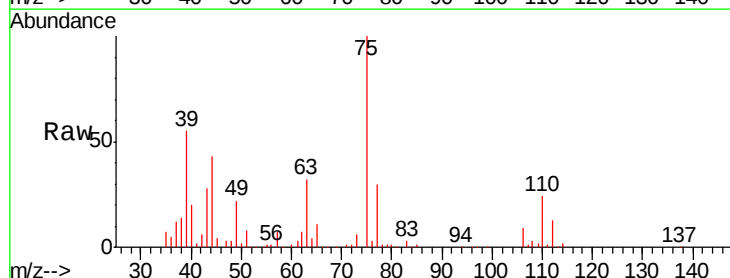
Tgt Ion: 75 Resp: 85283

Ion Ratio Lower Upper

75 100

77 30.5 26.5 39.7

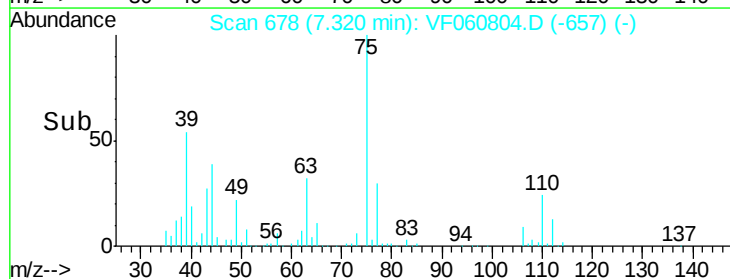
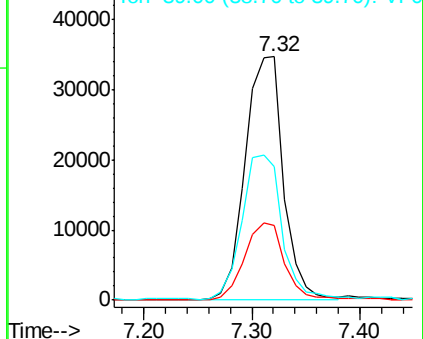
39 54.8 48.5 72.7

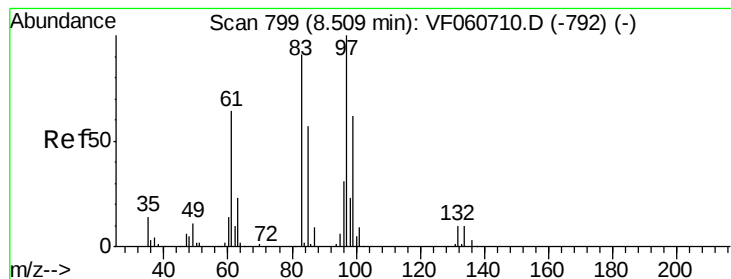


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 23.07 ug/l

RT: 8.49 min Scan# 797

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 97 Resp: 36719

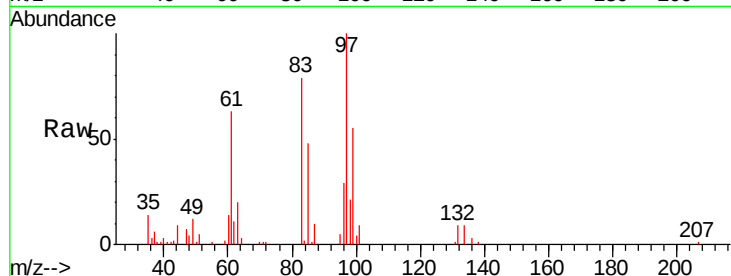
Ion Ratio Lower Upper

97 100

83 78.6 72.8 109.2

85 48.2 45.8 68.6

99 55.4 49.4 74.0

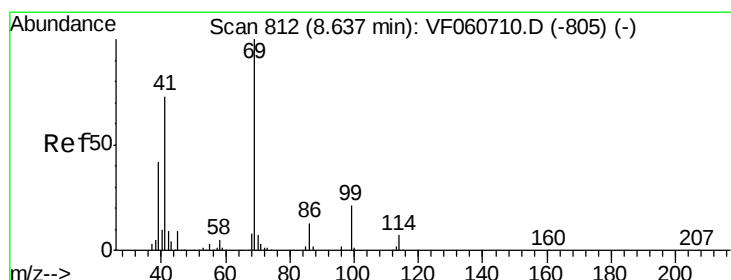
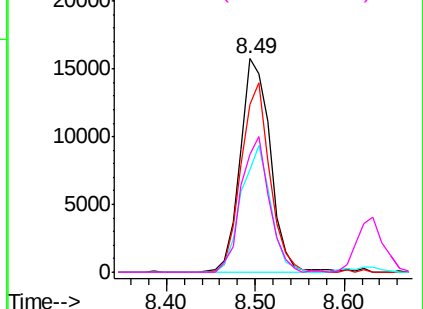
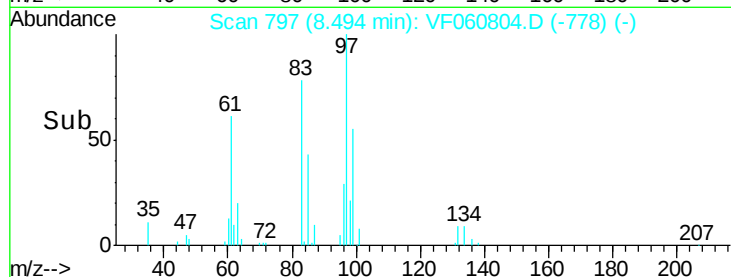


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 22.43 ug/l

RT: 8.62 min Scan# 810

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

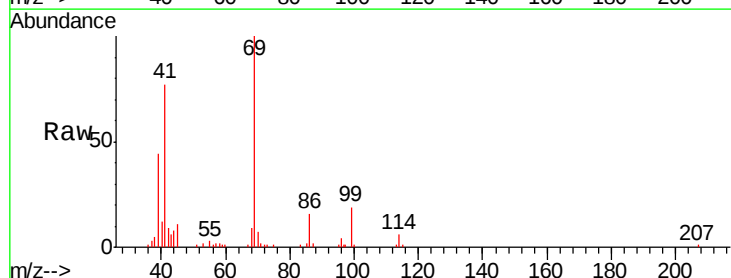
Tgt Ion: 69 Resp: 40544

Ion Ratio Lower Upper

69 100

41 76.7 59.0 88.6

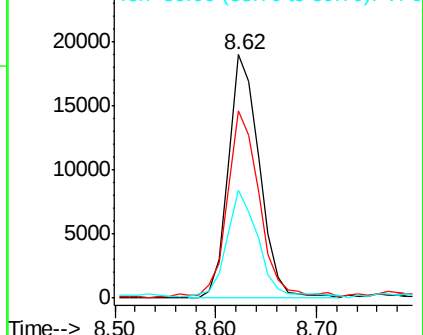
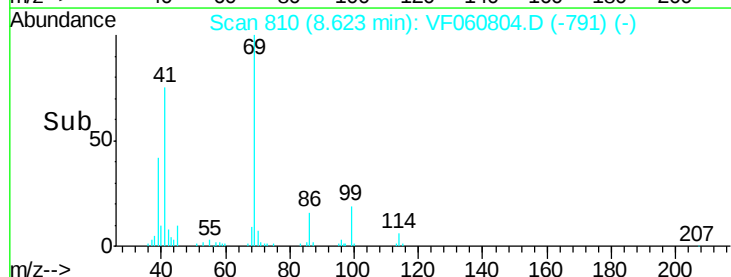
39 44.3 34.0 51.0

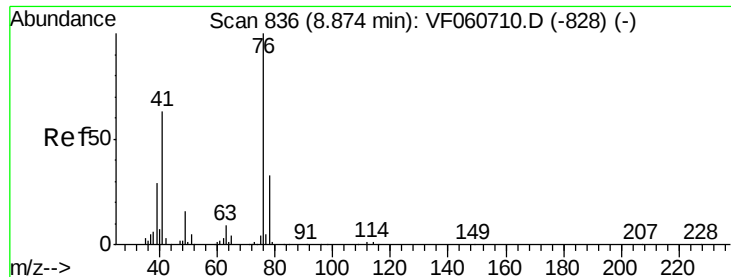


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 23.21 ug/l

RT: 8.86 min Scan# 834

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

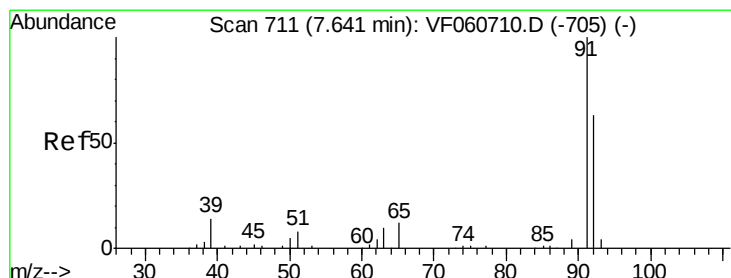
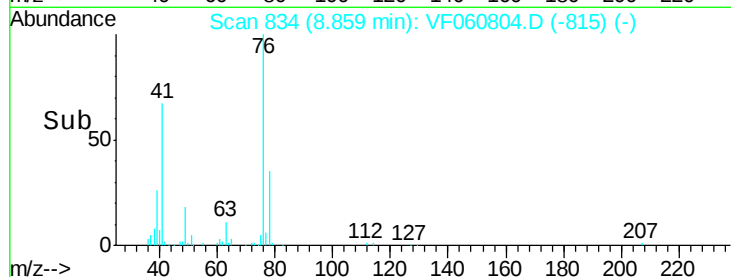
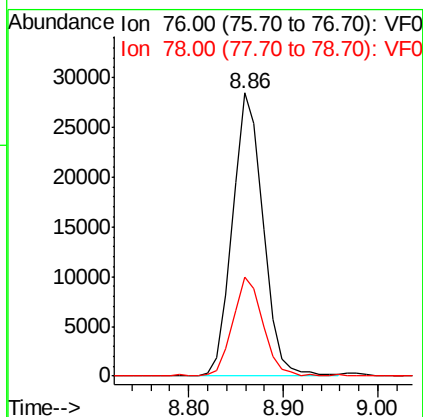
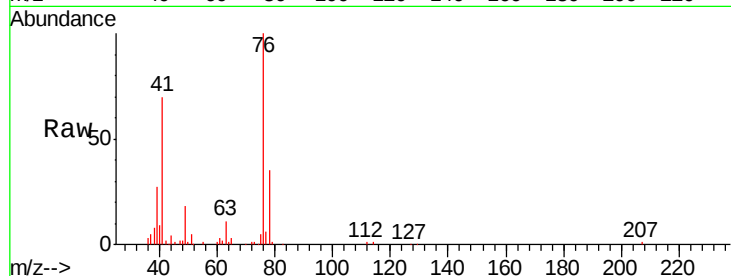
VF1120SBS01

Tgt Ion: 76 Resp: 64022

Ion Ratio Lower Upper

76 100

78 35.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 111.50 ug/l

RT: 7.64 min Scan# 710

Delta R.T. -0.00 min

Lab File: VF060804.D

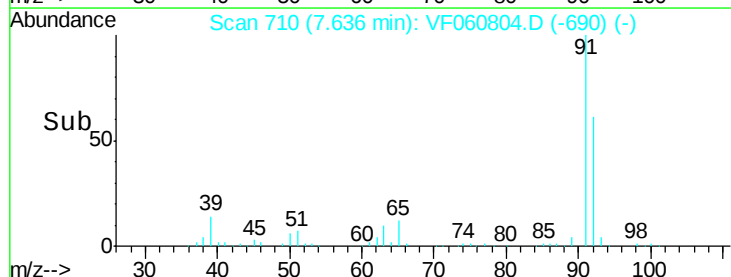
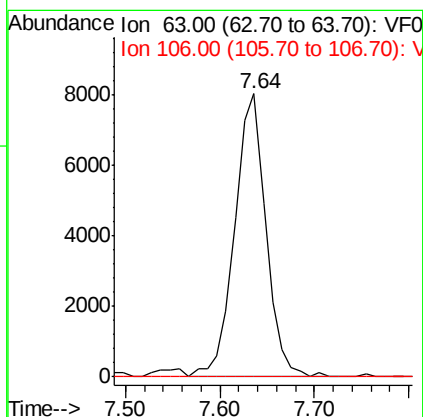
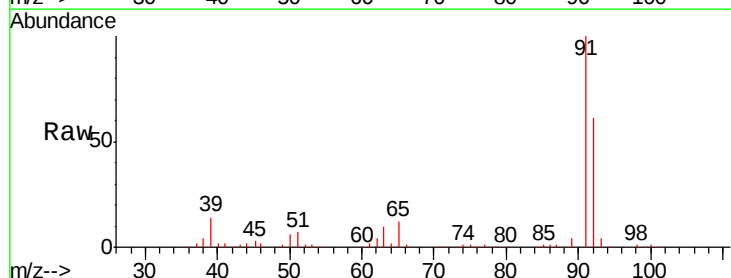
Acq: 20 Nov 2018 14:51

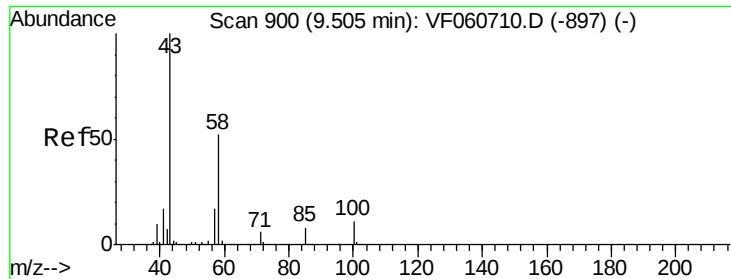
Tgt Ion: 63 Resp: 18408

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

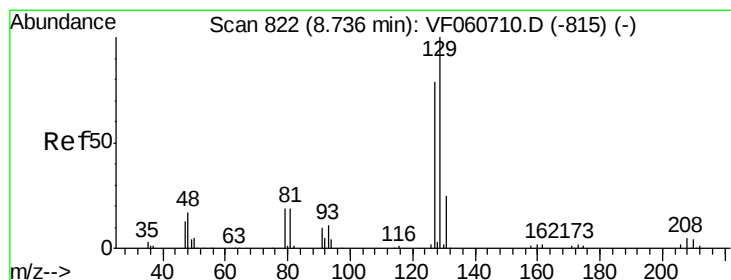
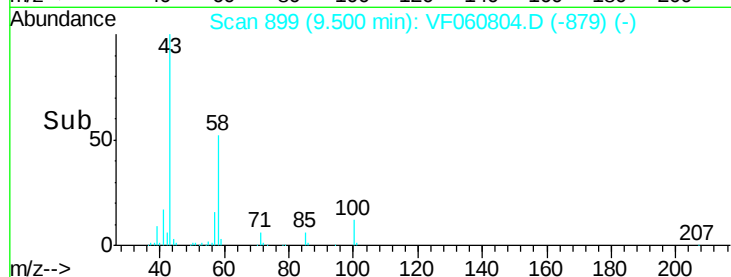
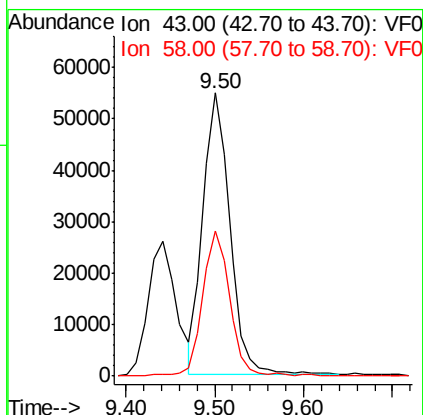
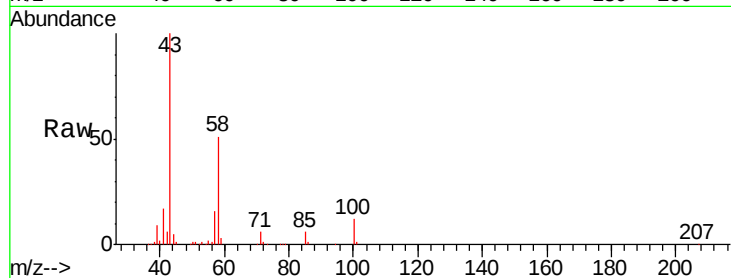




#59
2-Hexanone
Concen: 122.41 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

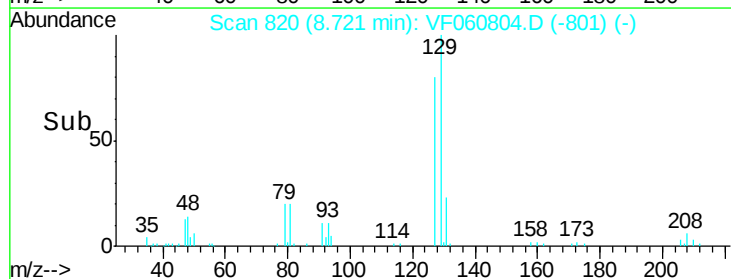
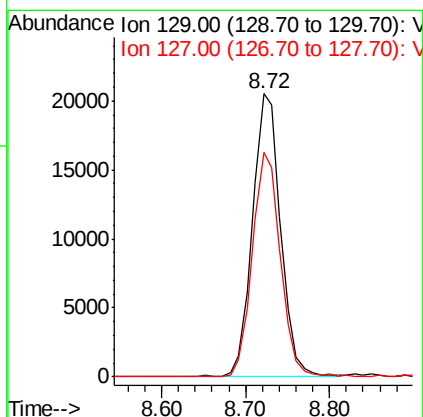
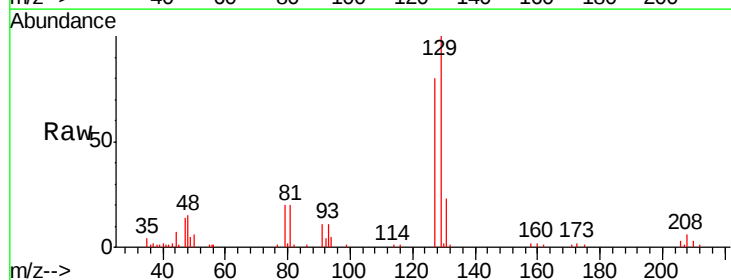
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

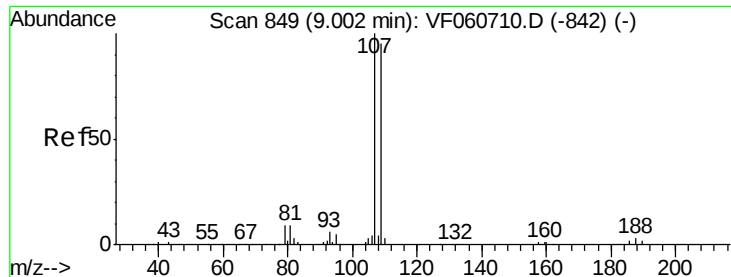
Tgt Ion: 43 Resp: 114352
Ion Ratio Lower Upper
43 100
58 51.1 24.9 74.7



#60
Dibromochloromethane
Concen: 21.32 ug/l
RT: 8.72 min Scan# 820
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 129 Resp: 48360
Ion Ratio Lower Upper
129 100
127 79.5 39.7 119.1

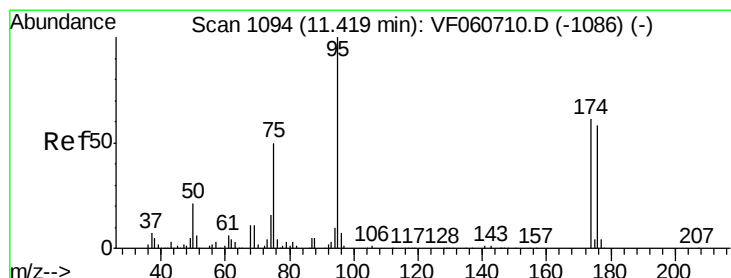
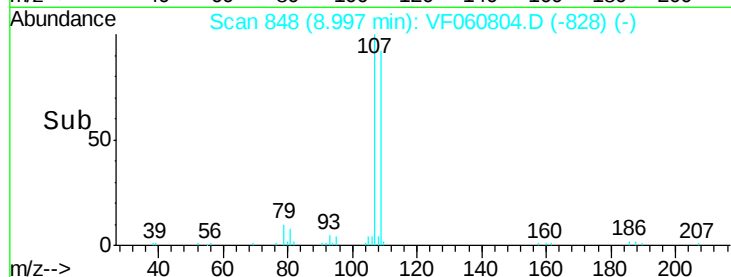
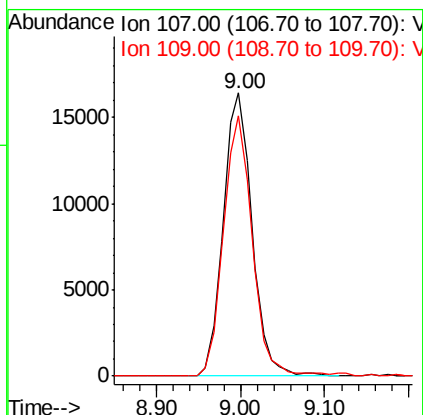
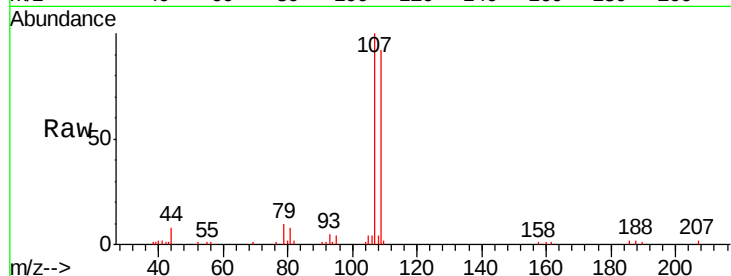




#61
 1,2-Dibromoethane
 Concen: 23.27 ug/l
 RT: 9.00 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

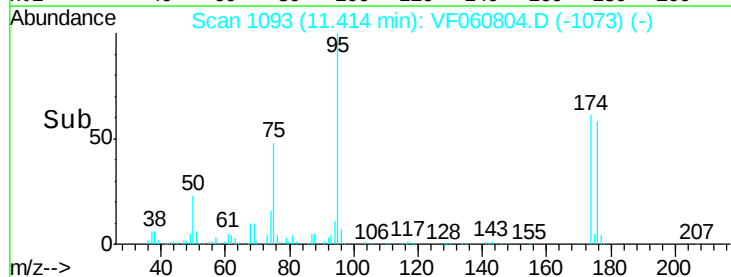
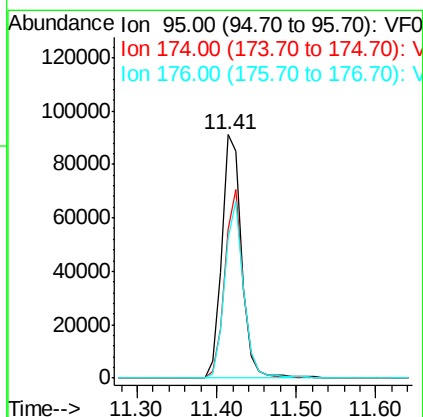
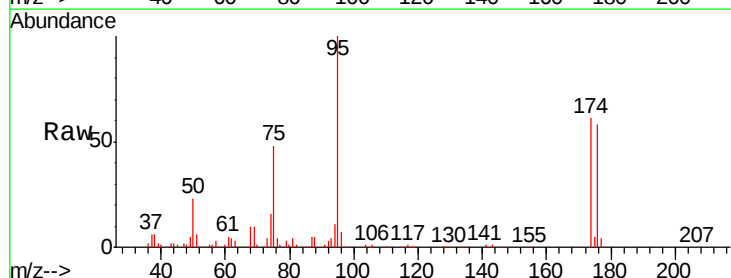
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

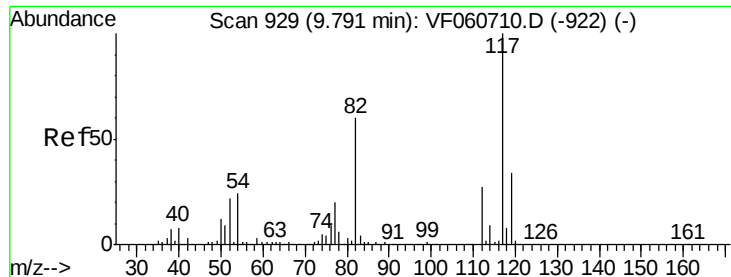
Tgt Ion: 107 Resp: 38946
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 57.16 ug/l
 RT: 11.41 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion: 95 Resp: 161810
 Ion Ratio Lower Upper
 95 100
 174 61.2 0.0 121.6
 176 57.7 0.0 115.2

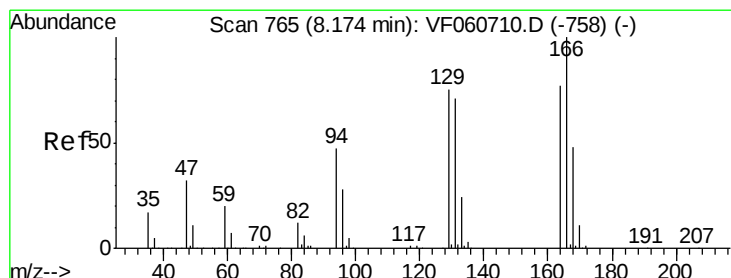
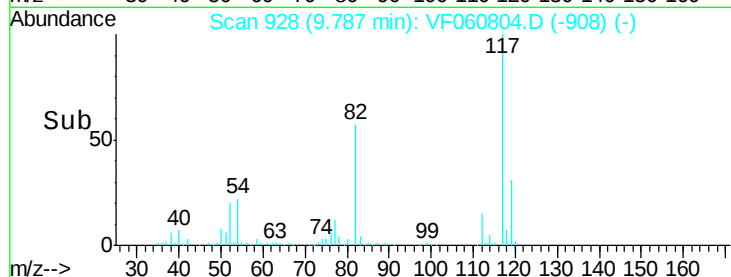
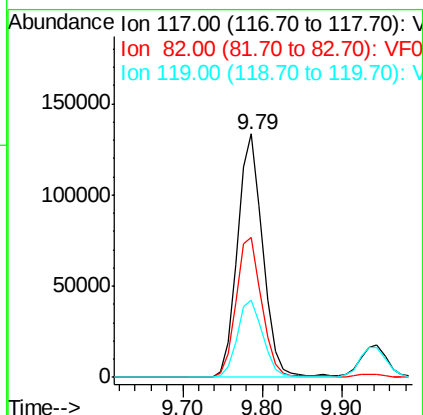
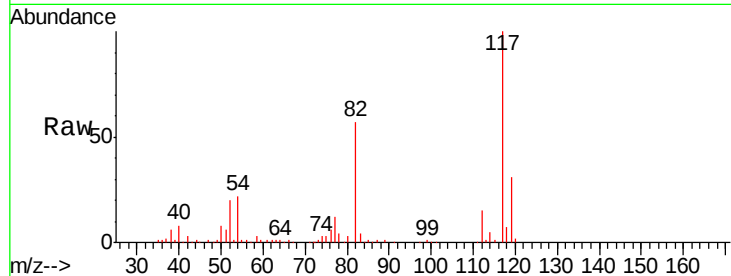




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

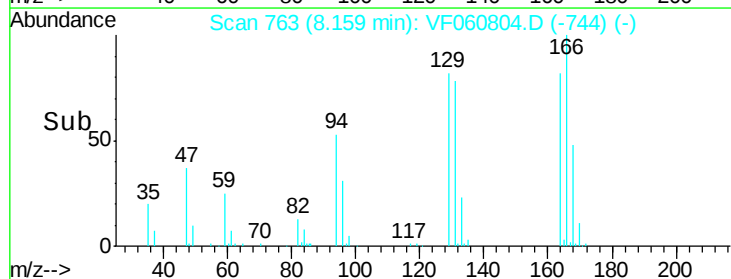
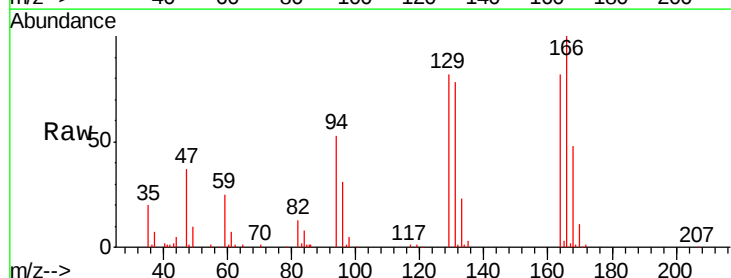
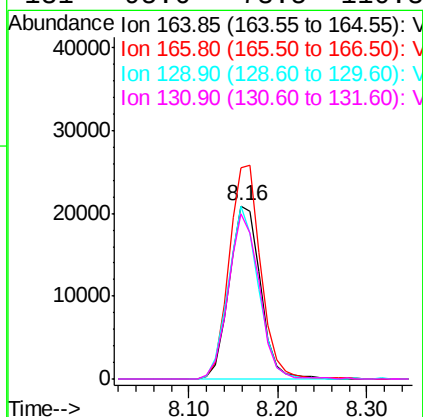
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion:117 Resp: 294925
Ion Ratio Lower Upper
117 100
82 57.3 47.9 71.9
119 31.5 26.8 40.2



#64
Tetrachloroethene
Concen: 21.96 ug/l
RT: 8.16 min Scan# 763
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion:164 Resp: 51279
Ion Ratio Lower Upper
164 100
166 122.0 103.5 155.3
129 99.5 77.4 116.2
131 95.6 73.5 110.3

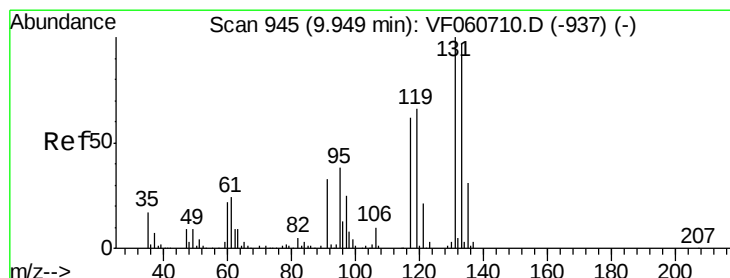
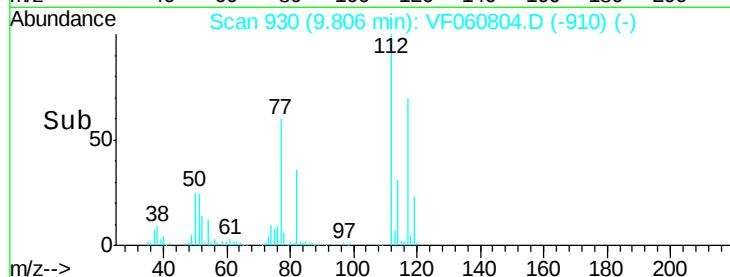
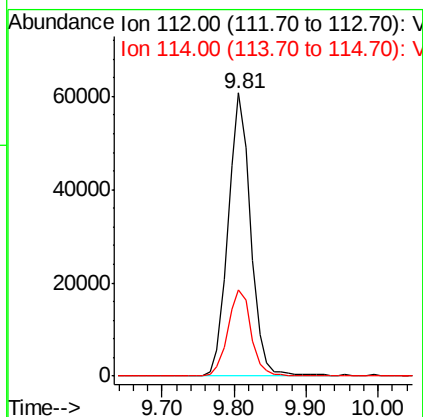
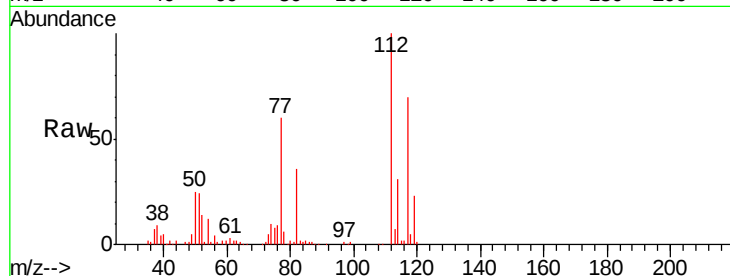




#65
Chlorobenzene
Concen: 22.20 ug/l
RT: 9.81 min Scan# 930
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

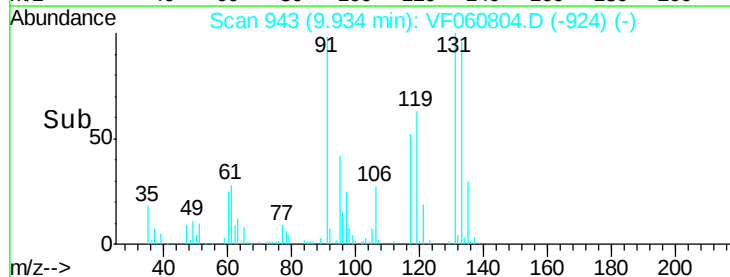
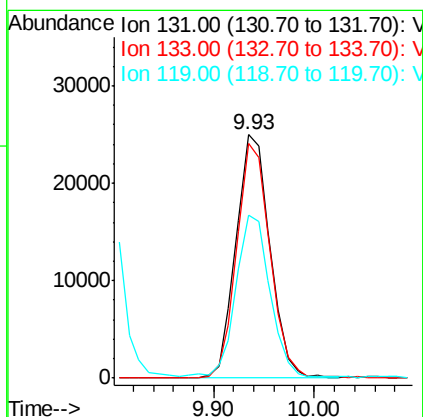
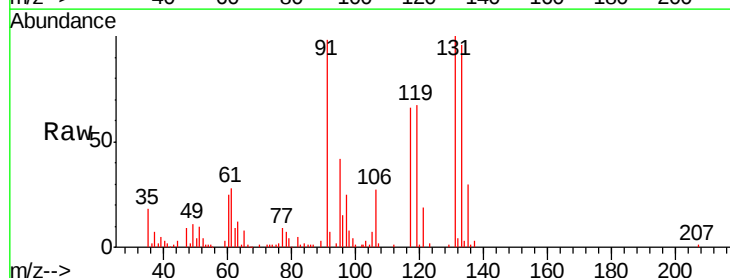
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

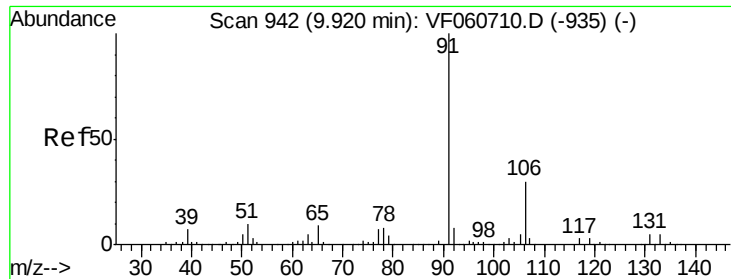
Tgt Ion:112 Resp: 132124
Ion Ratio Lower Upper
112 100
114 30.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.56 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion:131 Resp: 58563
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 66.8 33.2 99.6

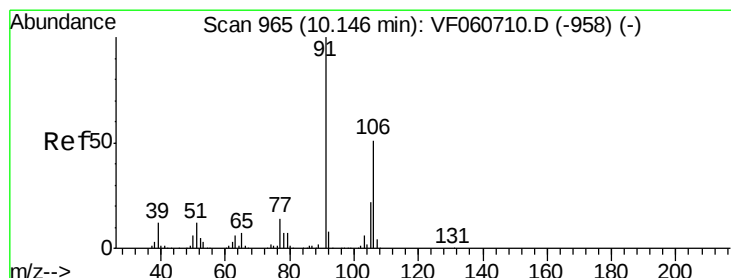
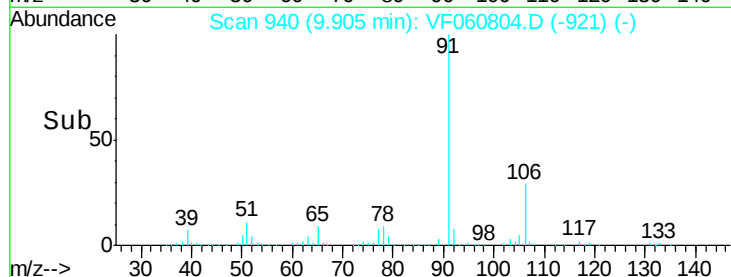
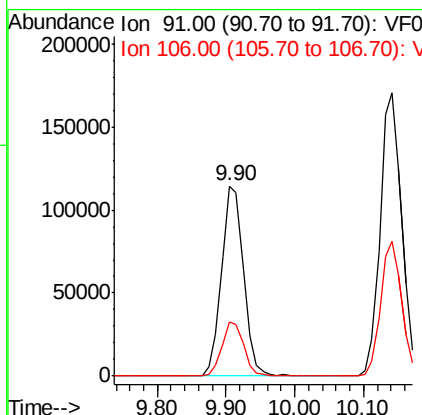
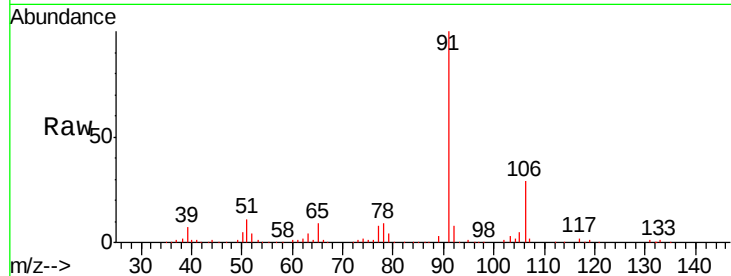




#67
Ethyl Benzene
Concen: 22.82 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

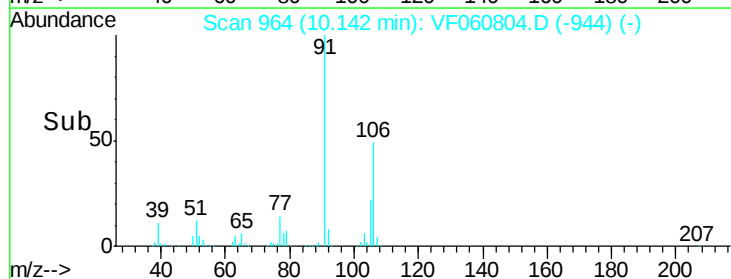
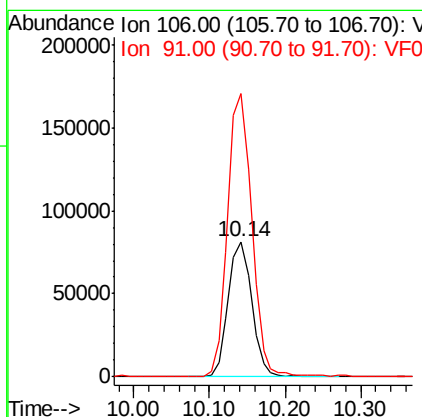
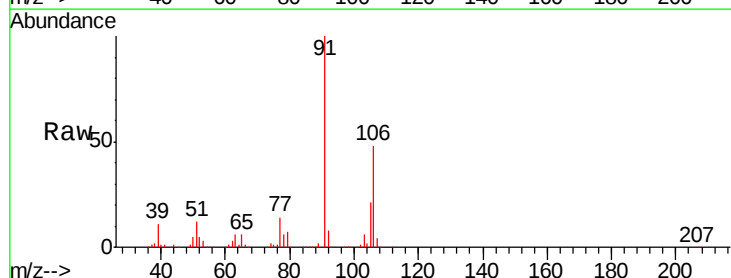
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

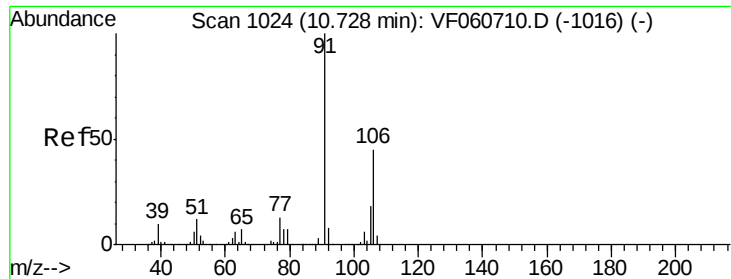
Tgt Ion: 91 Resp: 256011
Ion Ratio Lower Upper
91 100
106 28.8 23.9 35.9



#68
m/p-Xylenes
Concen: 44.41 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 106 Resp: 178047
Ion Ratio Lower Upper
106 100
91 209.1 158.2 237.2

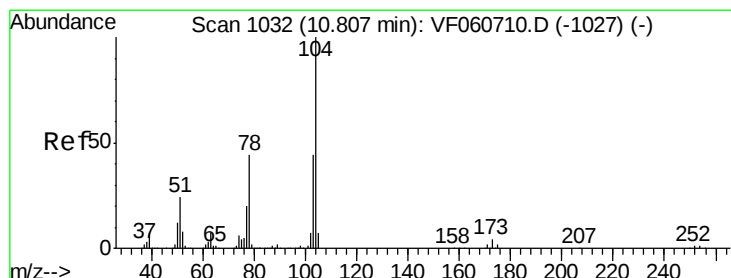
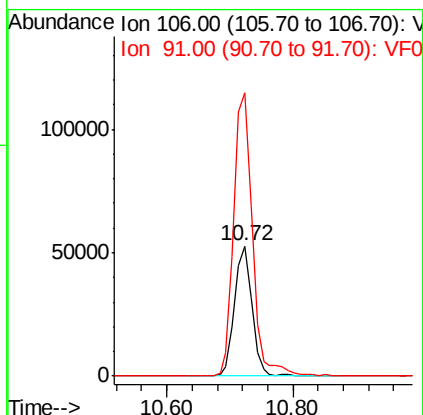
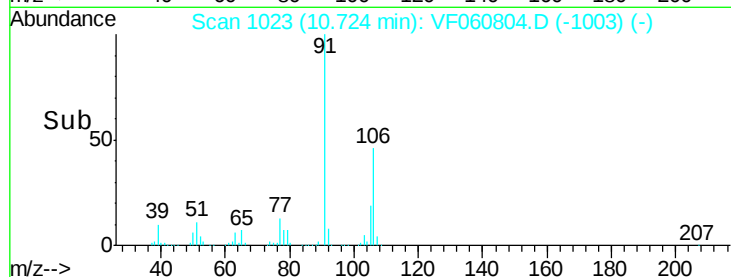
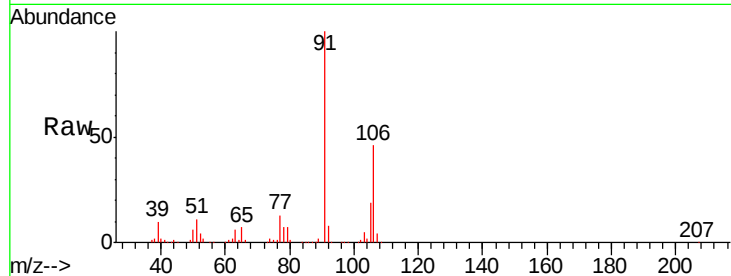




#69
o-Xylene
Concen: 22.42 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

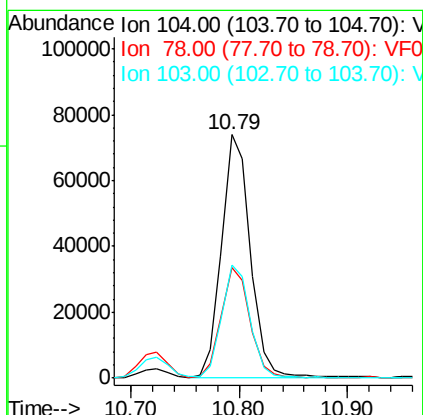
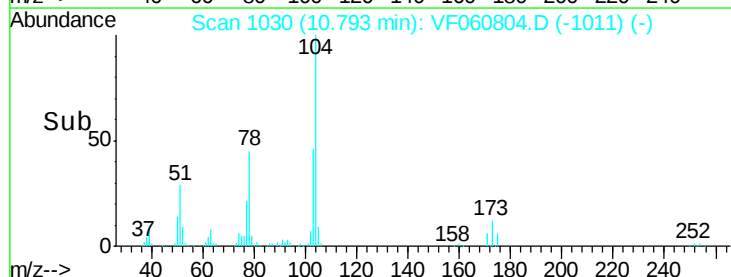
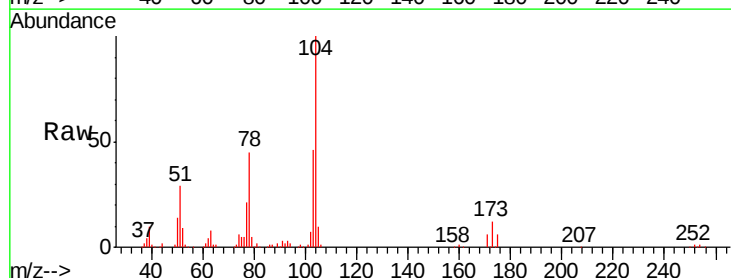
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

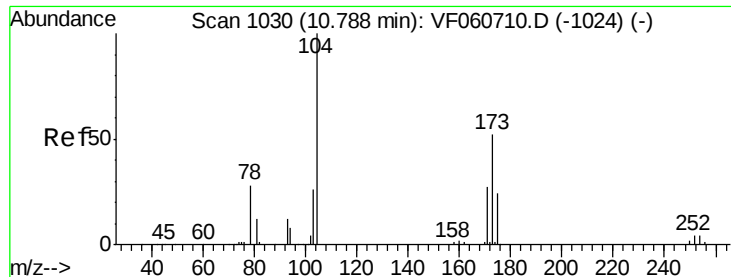
Tgt Ion:106 Resp: 101045
Ion Ratio Lower Upper
106 100
91 217.3 110.3 330.9



#70
Styrene
Concen: 22.45 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion:104 Resp: 137356
Ion Ratio Lower Upper
104 100
78 45.4 35.4 53.2
103 46.3 35.8 53.6





#71

Bromoform

Concen: 23.18 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

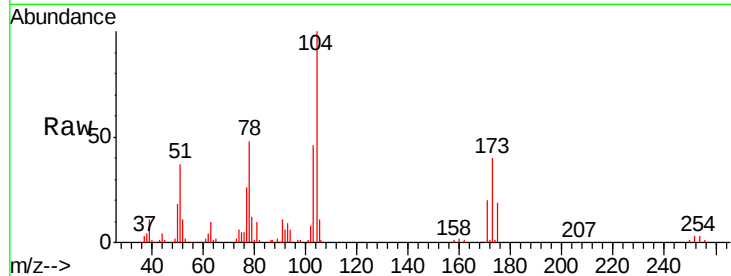
Tgt Ion:173 Resp: 27054

Ion Ratio Lower Upper

173 100

175 46.4 23.4 70.0

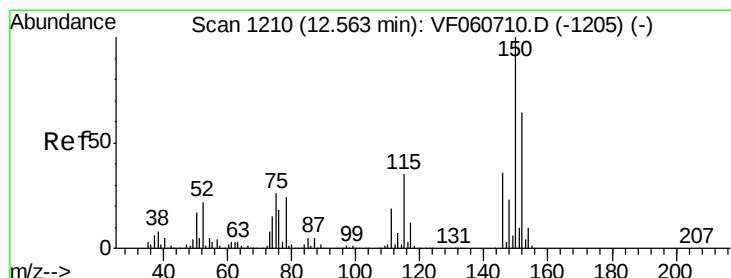
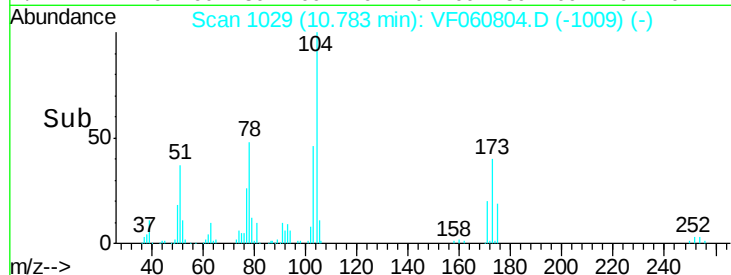
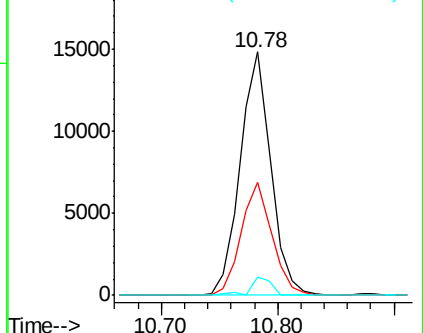
254 7.3 5.8 8.8



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

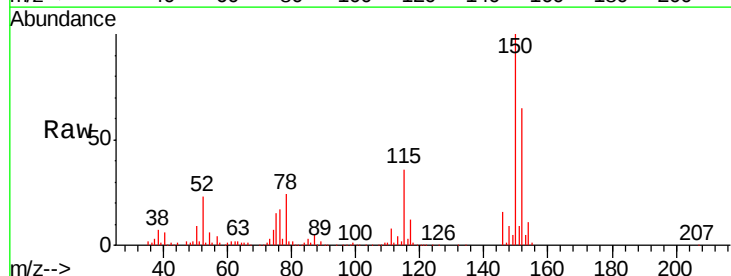
Tgt Ion:152 Resp: 159487

Ion Ratio Lower Upper

152 100

115 56.4 27.9 83.7

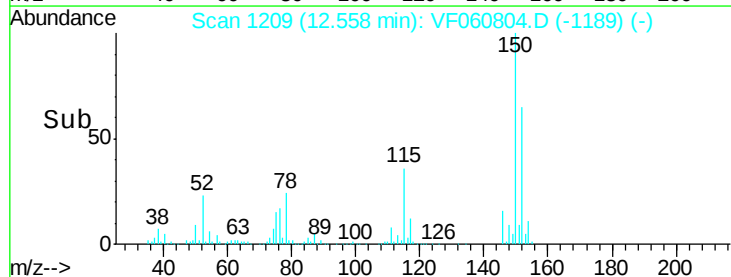
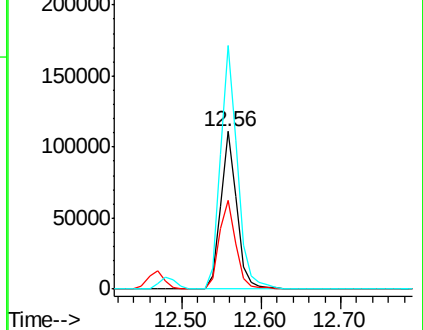
150 154.6 0.0 316.4

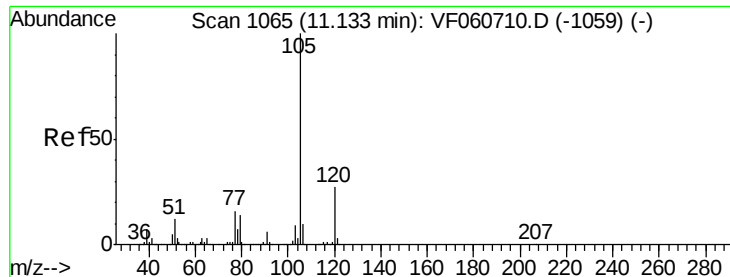


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 22.34 ug/l

RT: 11.13 min Scan# 1064

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

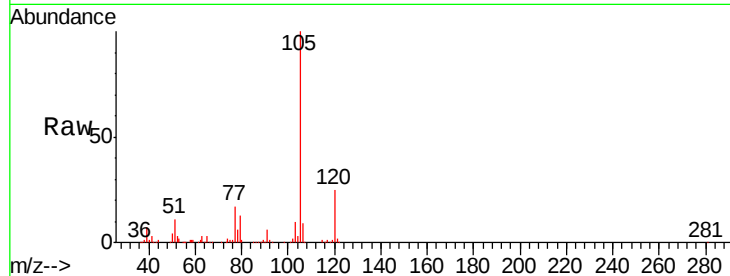
VF1120SBS01

Tgt Ion:105 Resp: 286844

Ion Ratio Lower Upper

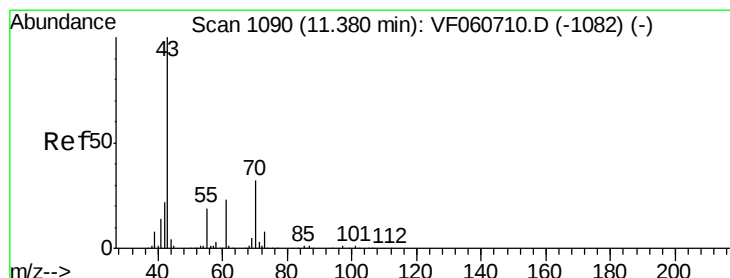
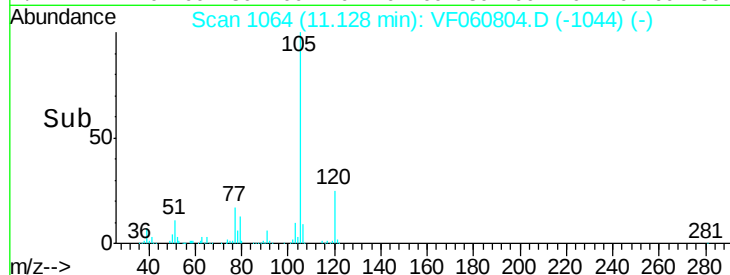
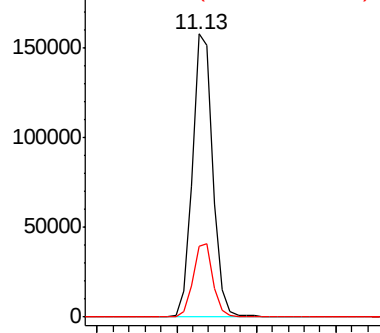
105 100

120 25.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 25.10 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion: 43 Resp: 73340

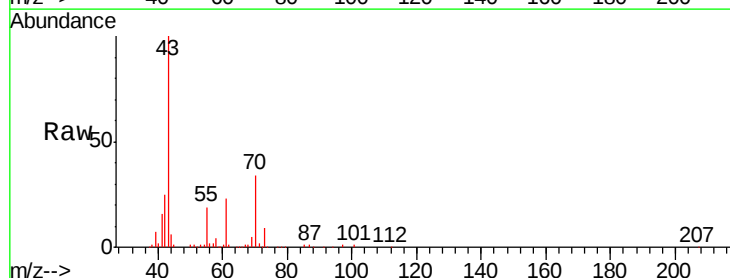
Ion Ratio Lower Upper

43 100

70 34.1 25.5 38.3

55 18.8 14.9 22.3

61 23.2 18.6 27.8

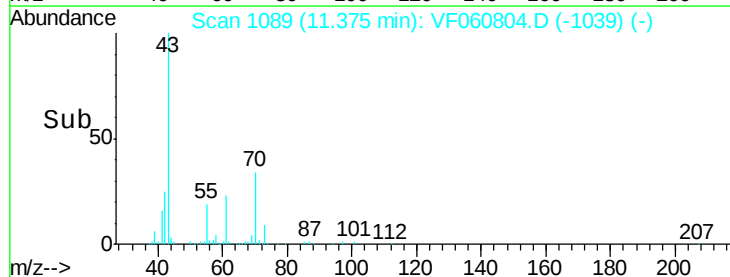
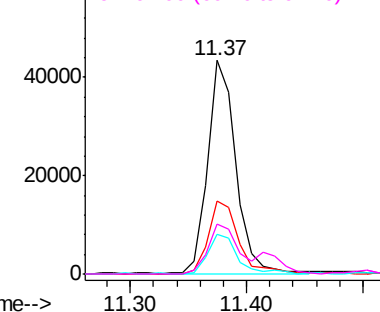


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 24.30 ug/l

RT: 11.70 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

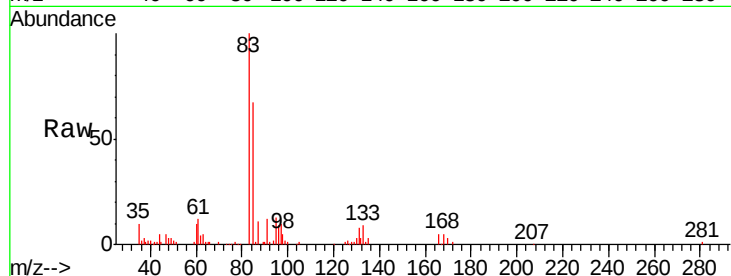
Tgt Ion: 83 Resp: 51565

Ion Ratio Lower Upper

83 100

131 8.4 4.2 12.4

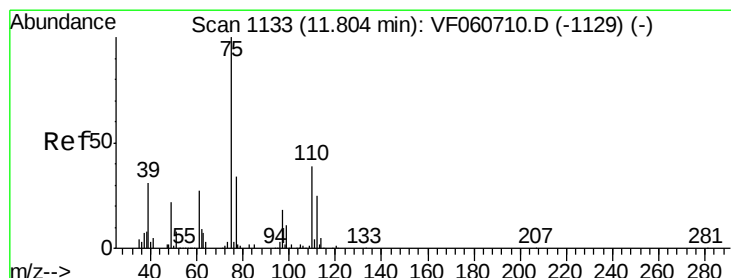
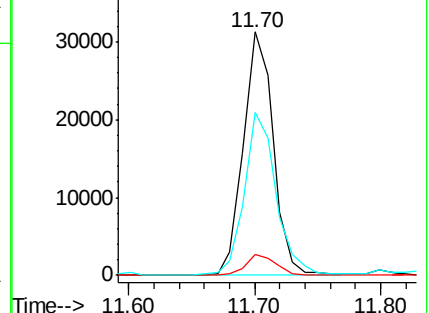
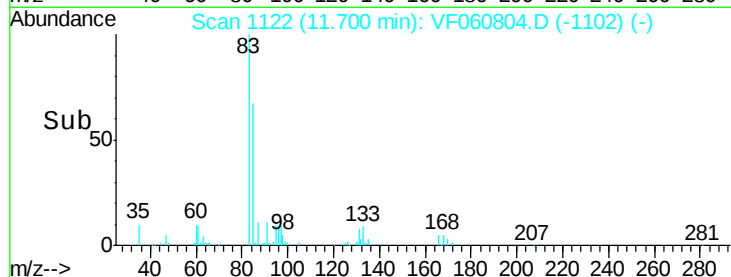
85 67.1 32.0 96.2



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 22.72 ug/l

RT: 11.80 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VF060804.D

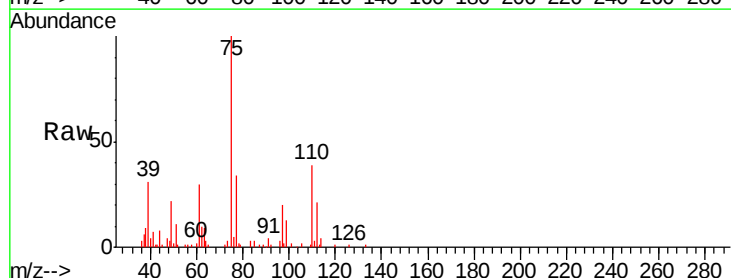
Acq: 20 Nov 2018 14:51

Tgt Ion: 75 Resp: 35817

Ion Ratio Lower Upper

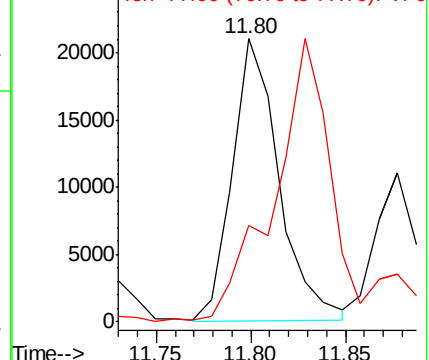
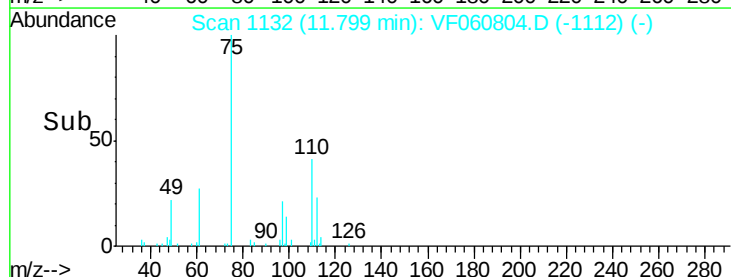
75 100

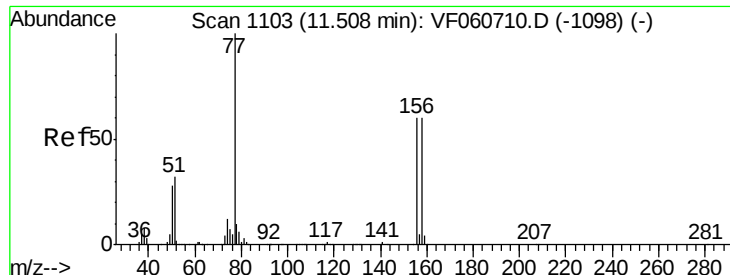
77 34.2 17.0 51.0



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 22.93 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

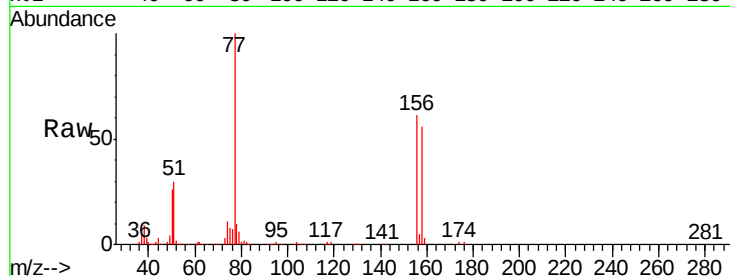
Tgt Ion:156 Resp: 61263

Ion Ratio Lower Upper

156 100

77 164.7 83.0 248.9

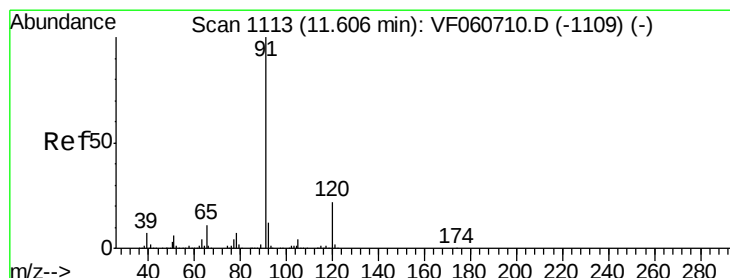
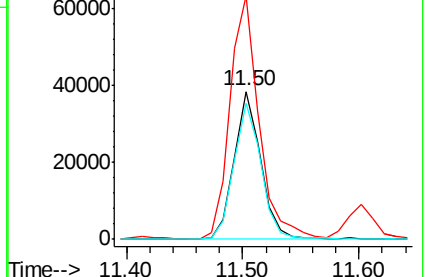
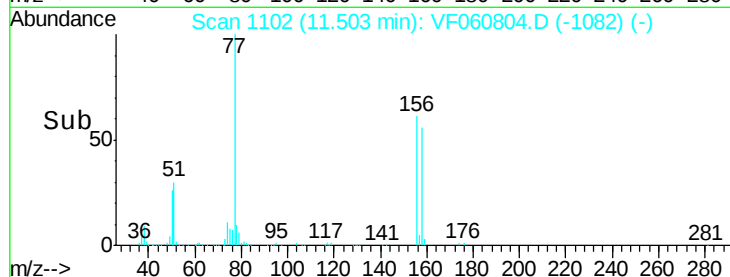
158 92.2 49.6 149.0



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: 23.03 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF060804.D

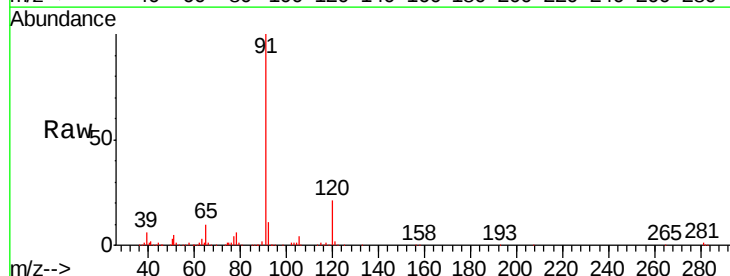
Acq: 20 Nov 2018 14:51

Tgt Ion: 91 Resp: 344798

Ion Ratio Lower Upper

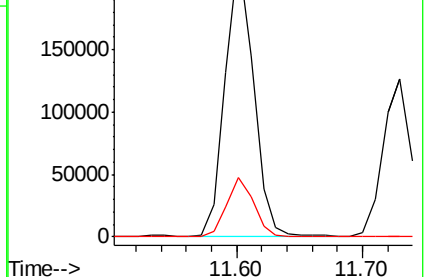
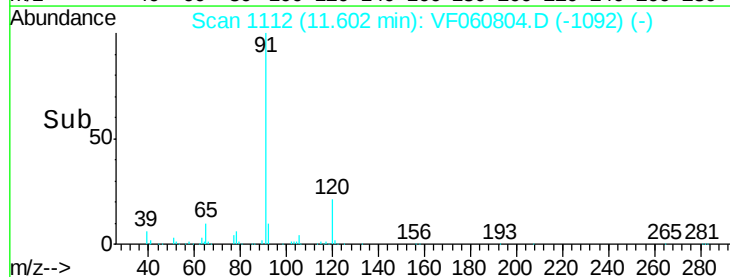
91 100

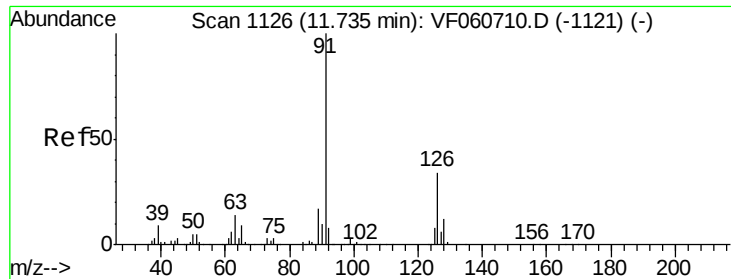
120 21.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.77 ug/l

RT: 11.73 min Scan# 1125

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

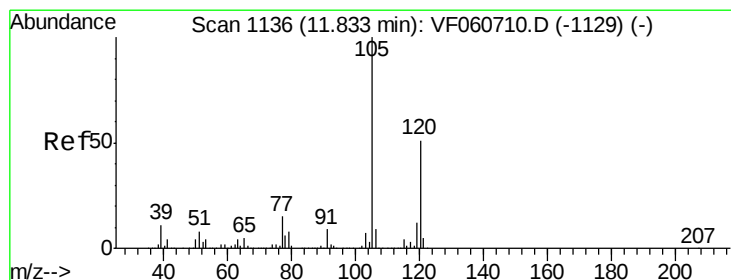
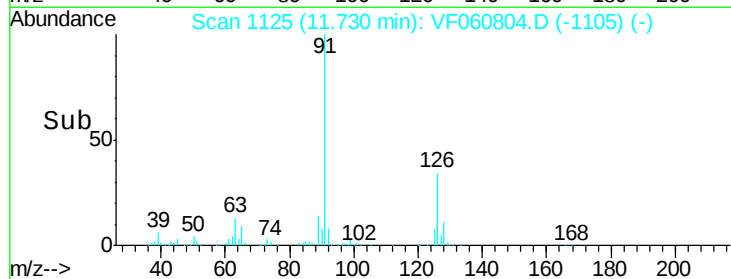
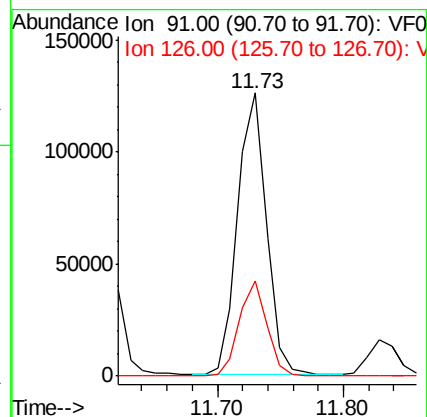
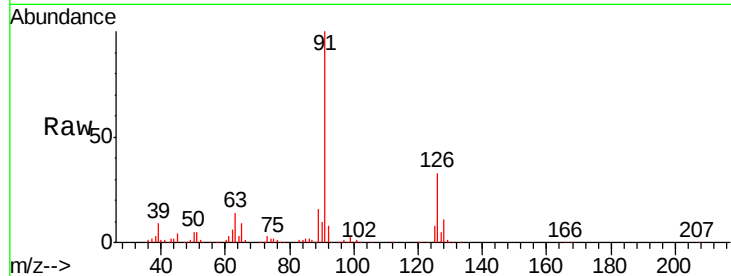
VF1120SBS01

Tgt Ion: 91 Resp: 198154

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 23.42 ug/l

RT: 11.83 min Scan# 1135

Delta R.T. -0.00 min

Lab File: VF060804.D

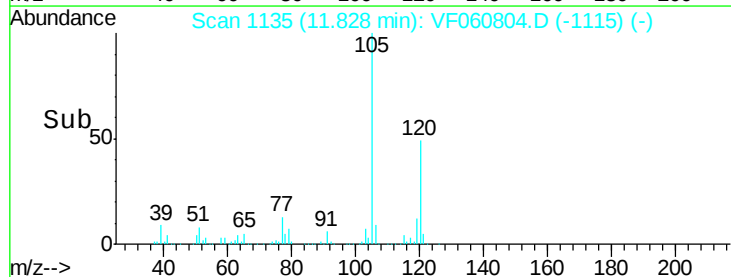
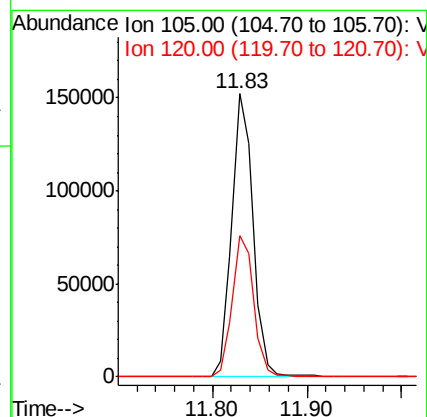
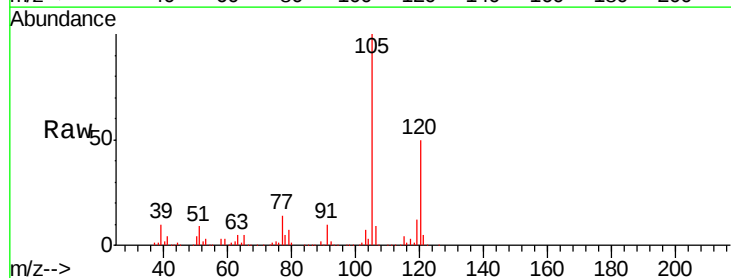
Acq: 20 Nov 2018 14:51

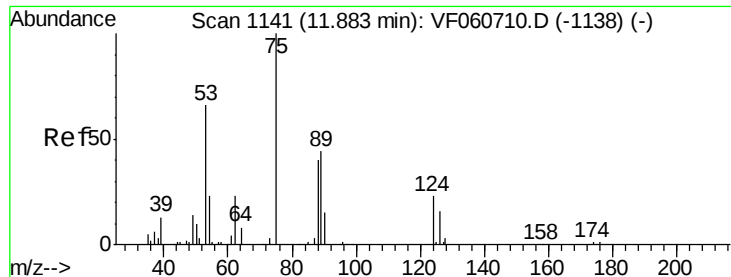
Tgt Ion: 105 Resp: 238681

Ion Ratio Lower Upper

105 100

120 50.0 25.6 76.8

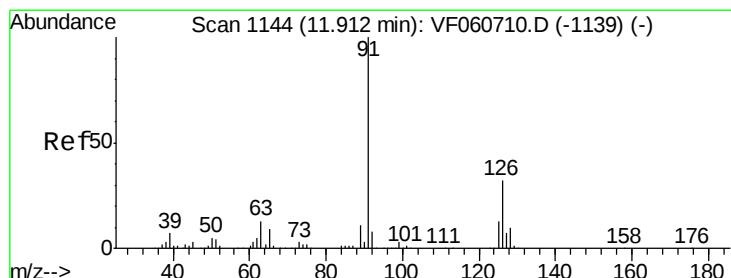
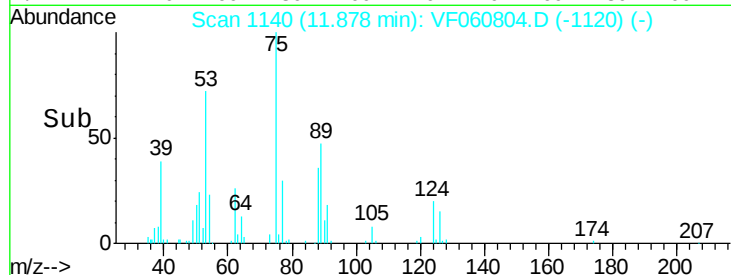
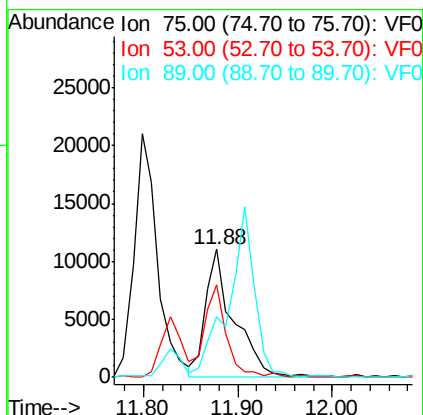
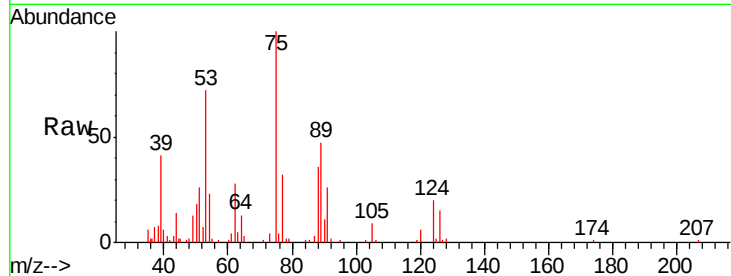




#81
trans-1,4-Dichloro-2-butene
Concen: 30.39 ug/l
RT: 11.88 min Scan# 1140
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

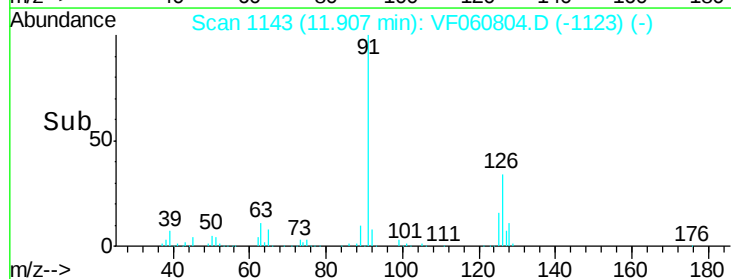
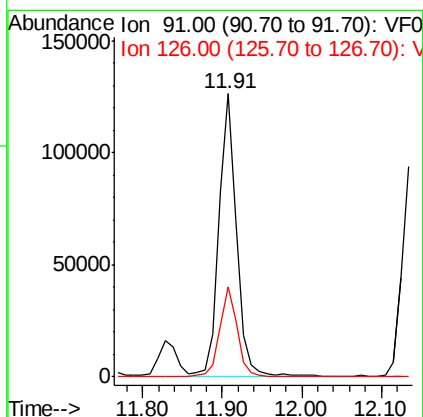
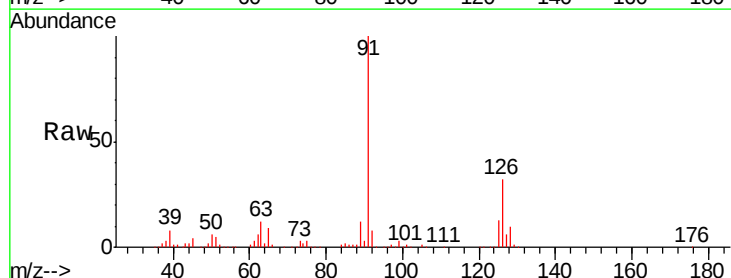
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion: 75 Resp: 23535
Ion Ratio Lower Upper
75 100
53 71.9 57.0 85.4
89 46.8 37.8 56.8



#82
4-Chlorotoluene
Concen: 21.96 ug/l
RT: 11.91 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 91 Resp: 195761
Ion Ratio Lower Upper
91 100
126 32.0 16.0 47.9

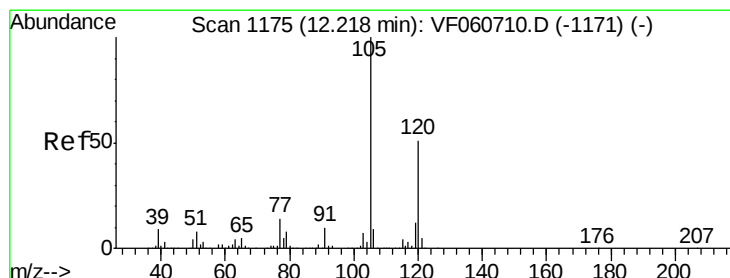
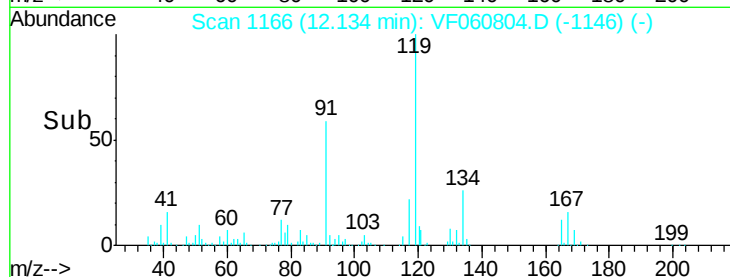
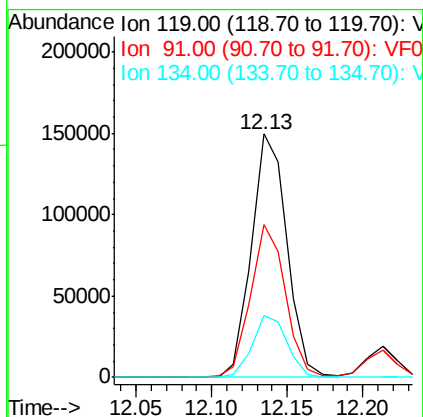
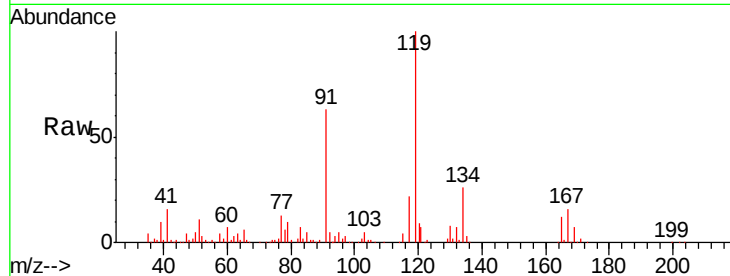




#83
 tert-Butylbenzene
 Concen: 22.70 ug/l
 RT: 12.13 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

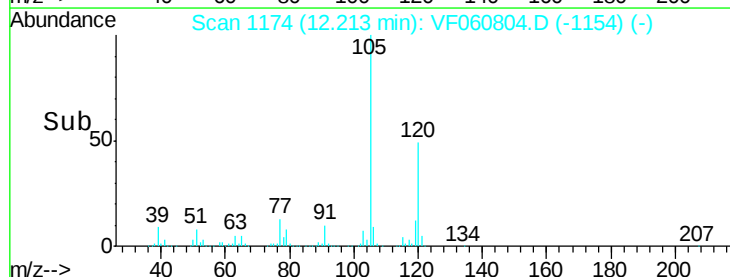
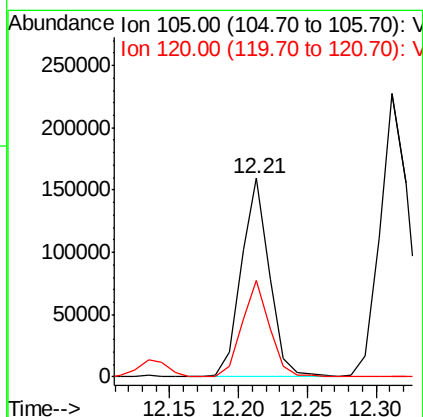
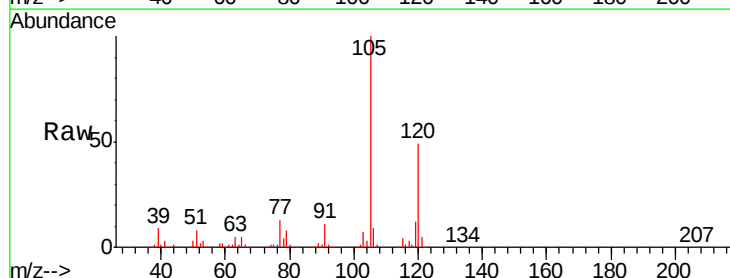
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

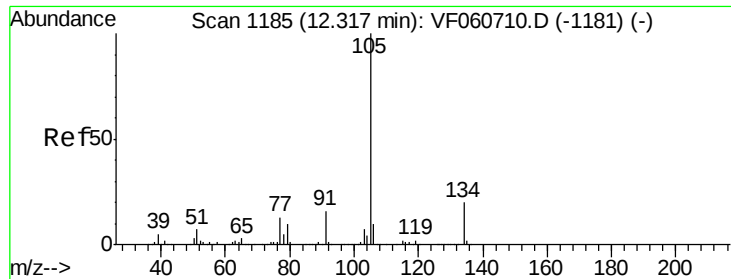
Tgt Ion:119 Resp: 245679
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.4 94.3
 134 25.5 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.52 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion:105 Resp: 226805
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.5 76.5

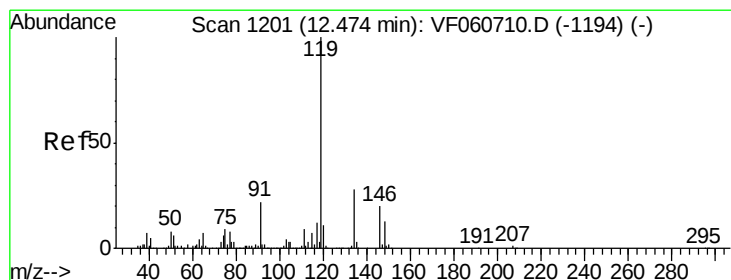
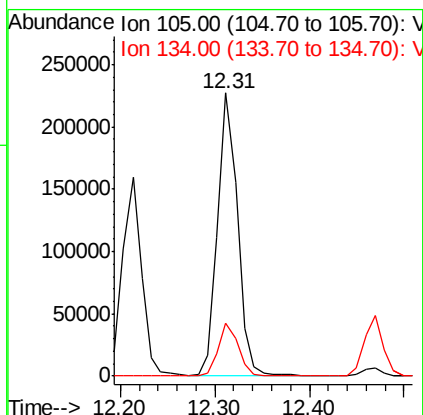
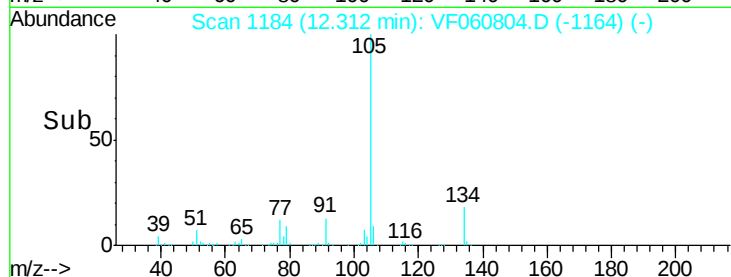
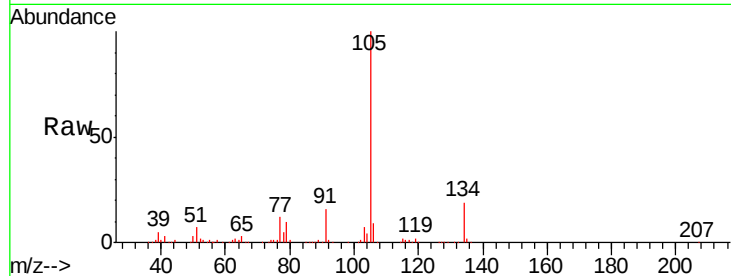




#85
 sec-Butylbenzene
 Concen: 22.64 ug/l
 RT: 12.31 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

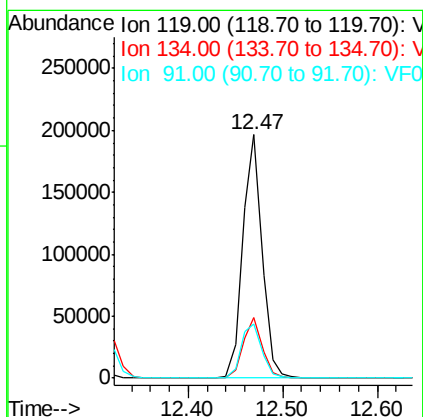
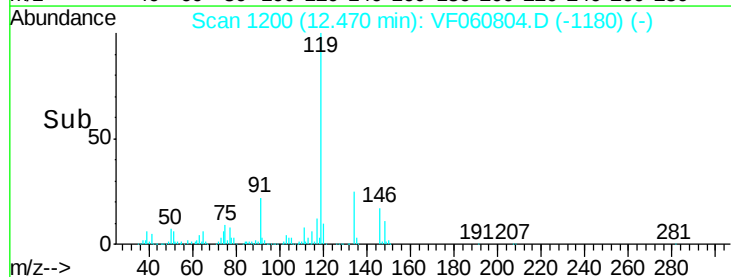
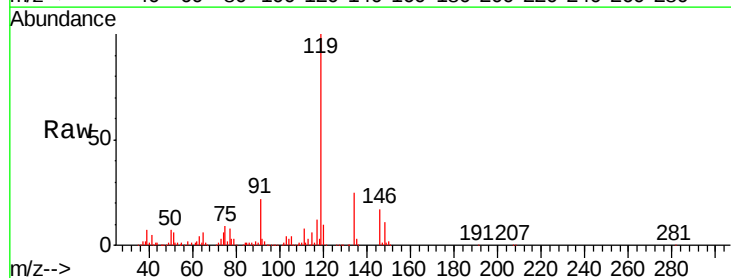
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

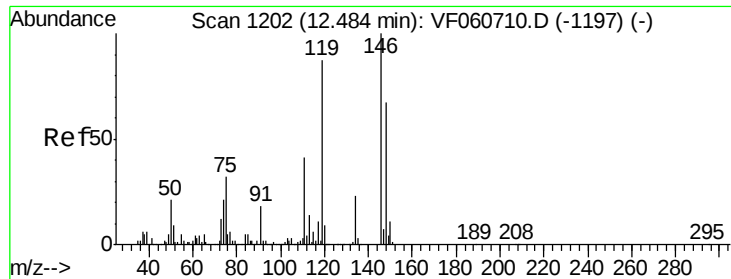
Tgt Ion:105 Resp: 332353
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 22.58 ug/l
 RT: 12.47 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion:119 Resp: 276786
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.9 41.7
 91 22.4 11.3 33.9

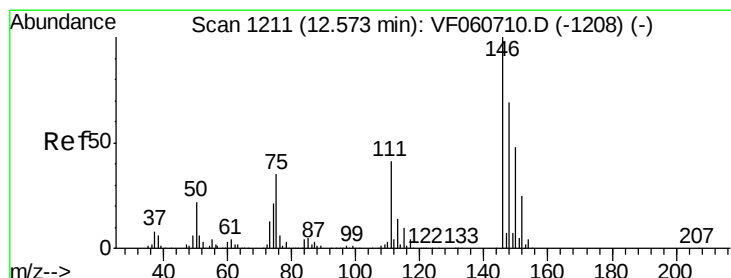
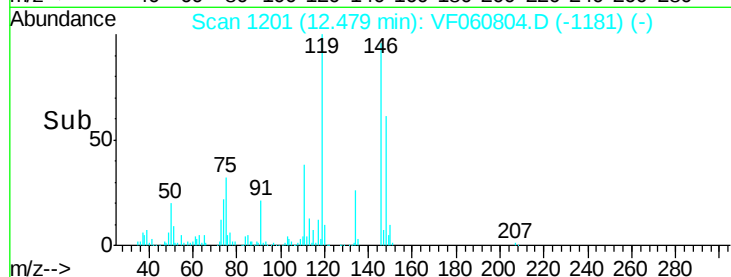
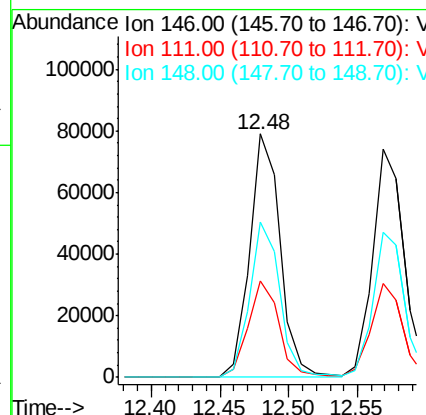
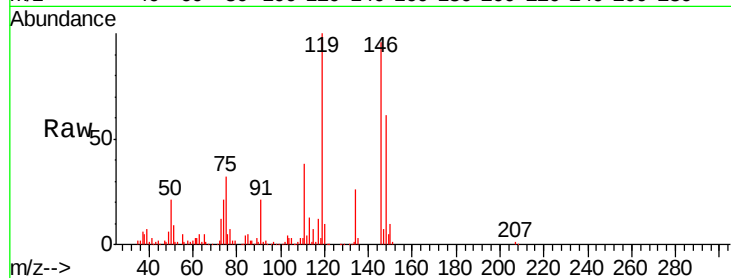




#87
 1,3-Dichlorobenzene
 Concen: 23.13 ug/l
 RT: 12.48 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

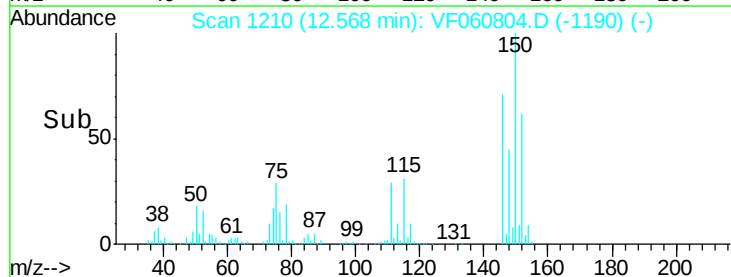
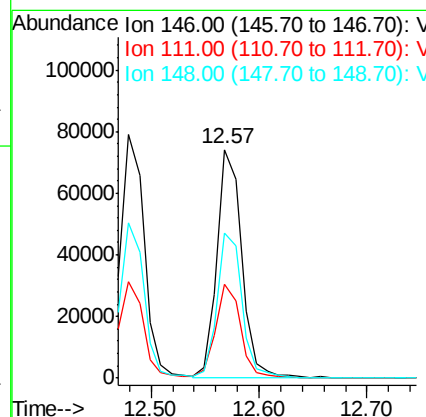
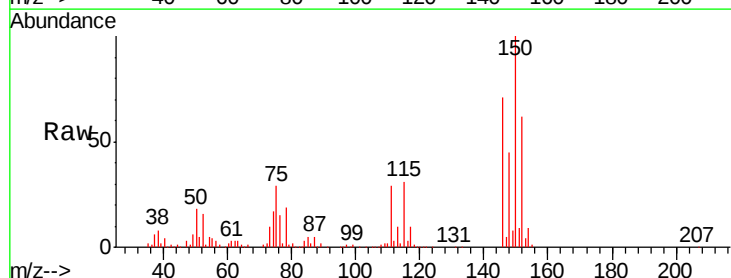
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

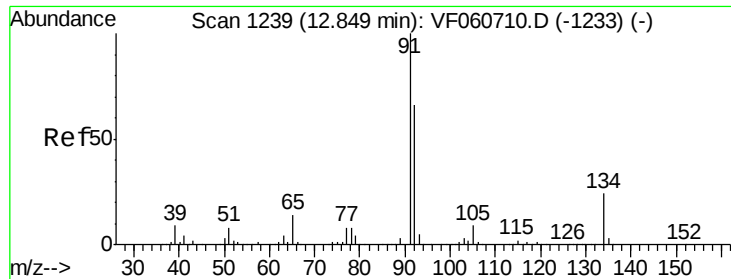
Tgt Ion:146 Resp: 123003
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.8
 148 63.6 33.3 99.9



#88
 1,4-Dichlorobenzene
 Concen: 23.19 ug/l
 RT: 12.57 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion:146 Resp: 118529
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.9
 148 63.2 34.7 104.1





#89

n-Butylbenzene

Concen: 23.27 ug/l

RT: 12.85 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

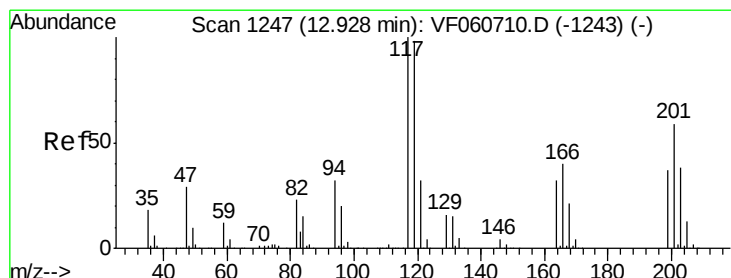
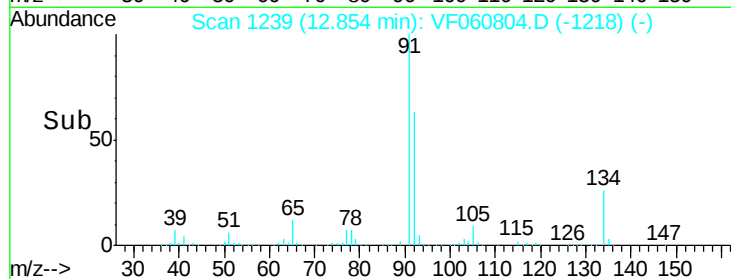
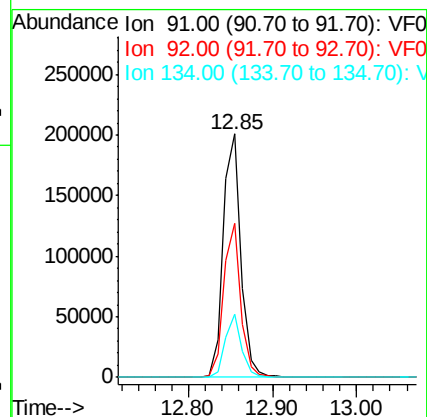
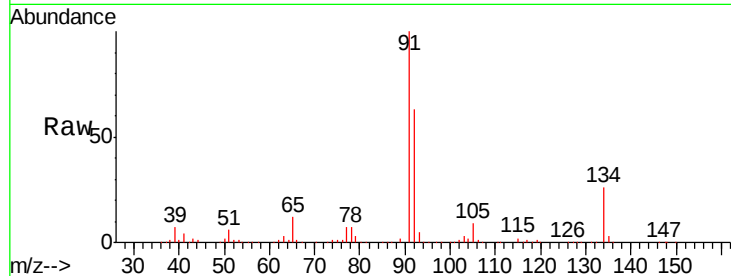
Tgt Ion: 91 Resp: 291164

Ion Ratio Lower Upper

91 100

92 63.4 33.1 99.2

134 26.0 11.9 35.9



#90

Hexachloroethane

Concen: 21.99 ug/l

RT: 12.92 min Scan# 1246

Delta R.T. -0.00 min

Lab File: VF060804.D

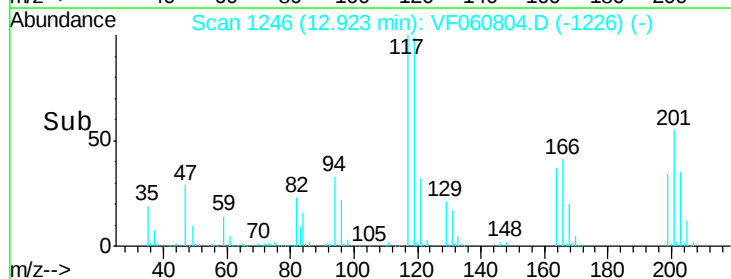
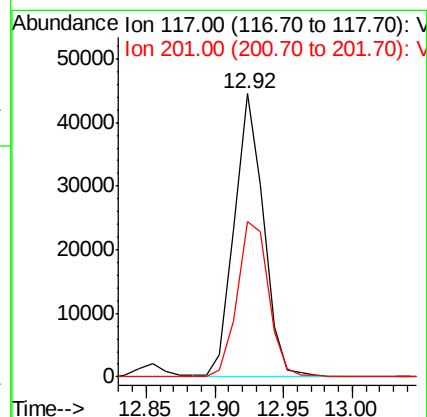
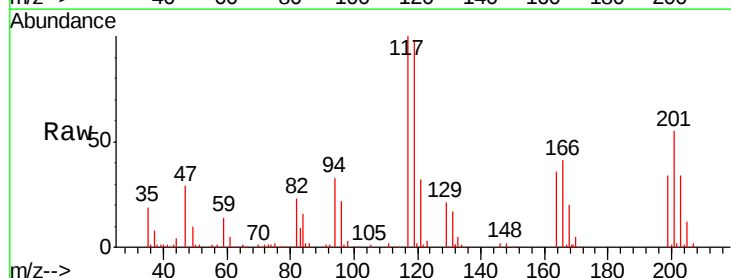
Acq: 20 Nov 2018 14:51

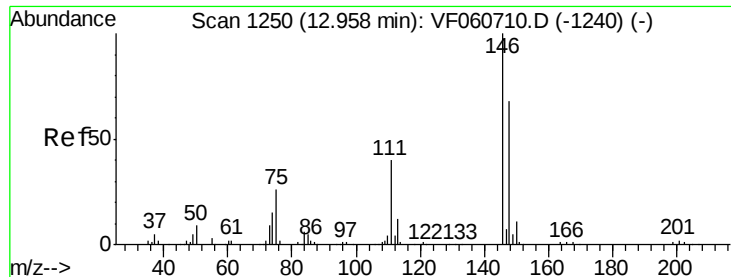
Tgt Ion: 117 Resp: 65953

Ion Ratio Lower Upper

117 100

201 55.0 29.4 88.3





#91

1,2-Dichlorobenzene

Concen: 22.93 ug/l

RT: 12.95 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

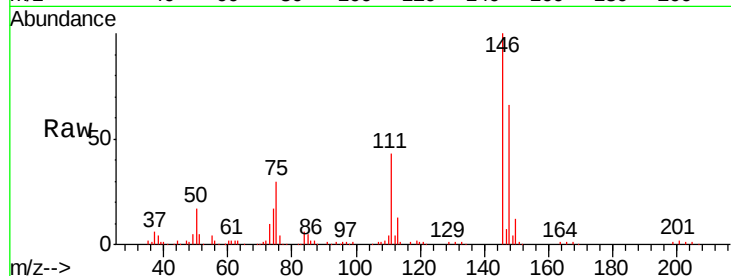
Tgt Ion:146 Resp: 114802

Ion Ratio Lower Upper

146 100

111 42.7 20.3 60.8

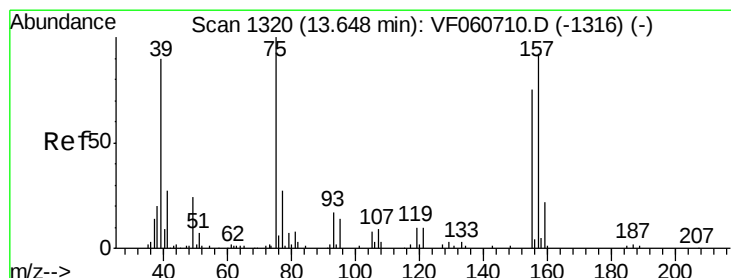
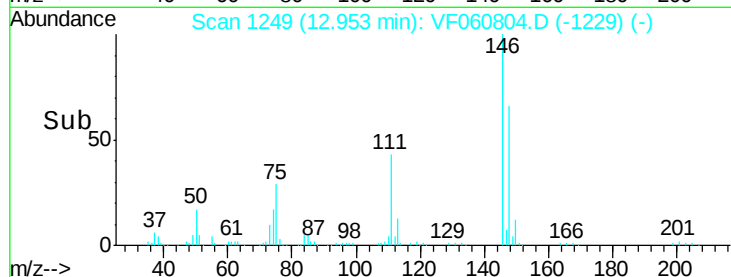
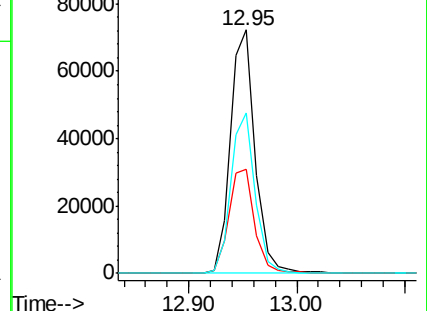
148 66.1 34.1 102.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.22 ug/l

RT: 13.65 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

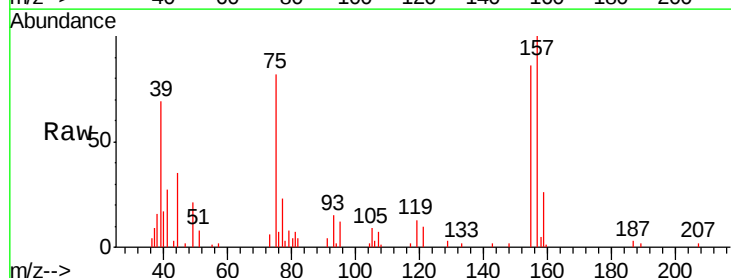
Tgt Ion: 75 Resp: 9264

Ion Ratio Lower Upper

75 100

155 104.2 37.4 112.2

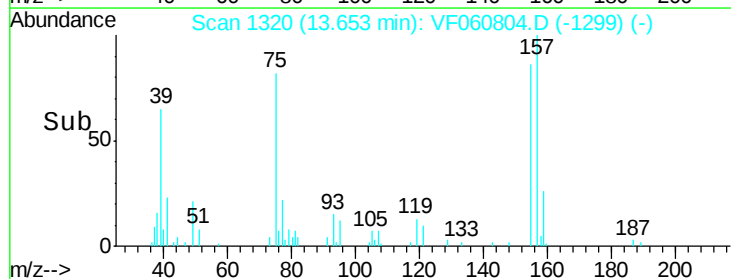
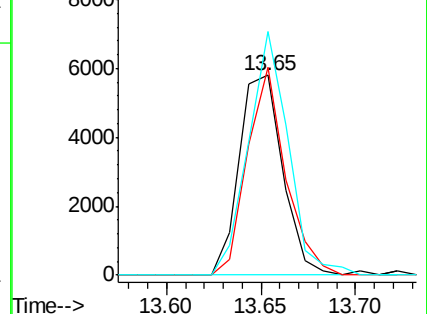
157 121.8 46.0 138.0

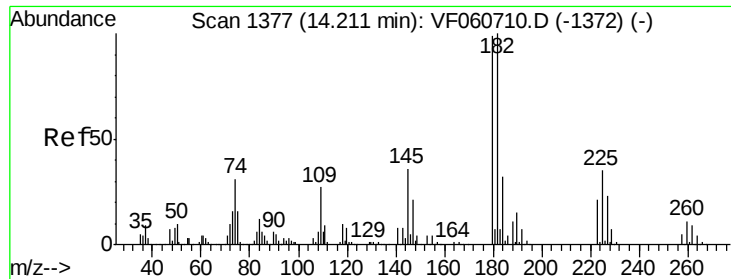


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

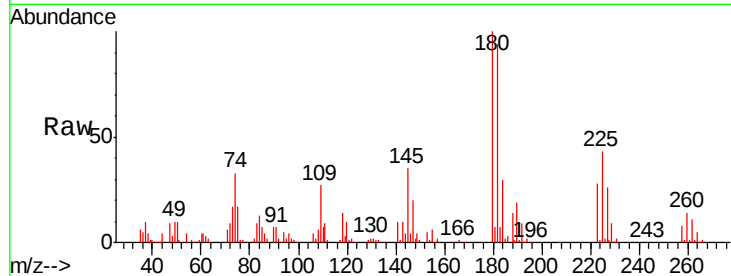




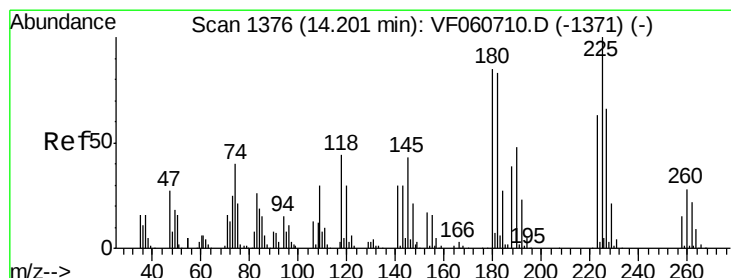
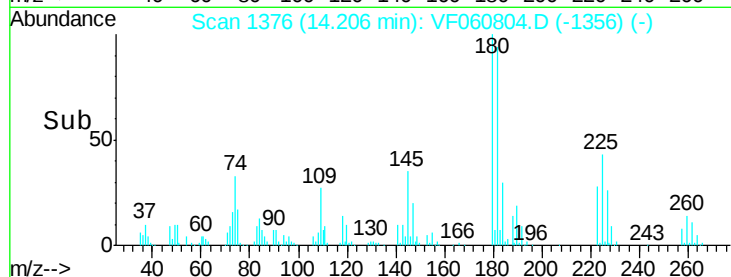
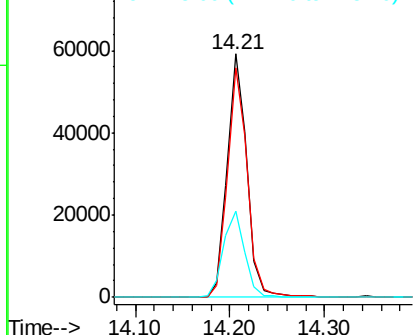
#93
 1,2,4-Trichlorobenzene
 Concen: 23.74 ug/l
 RT: 14.21 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion:180 Resp: 85446
 Ion Ratio Lower Upper
 180 100
 182 94.5 50.3 151.0
 145 35.5 18.3 54.9

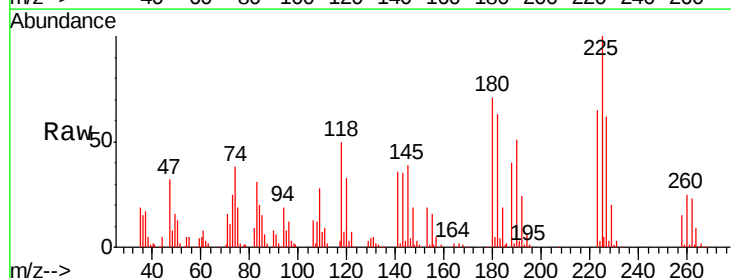


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

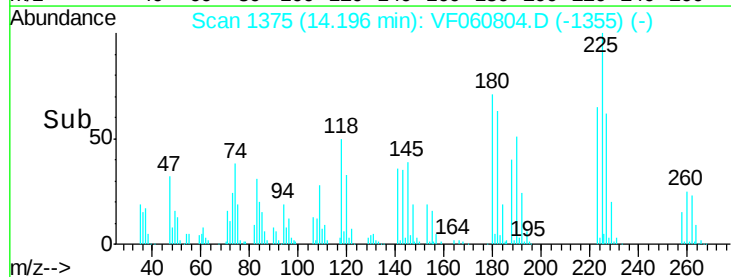
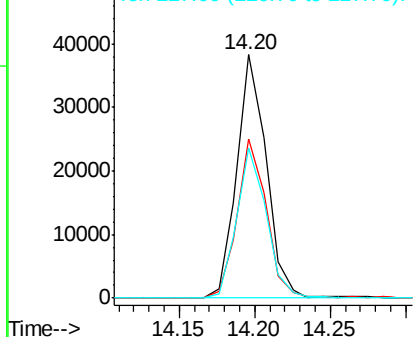


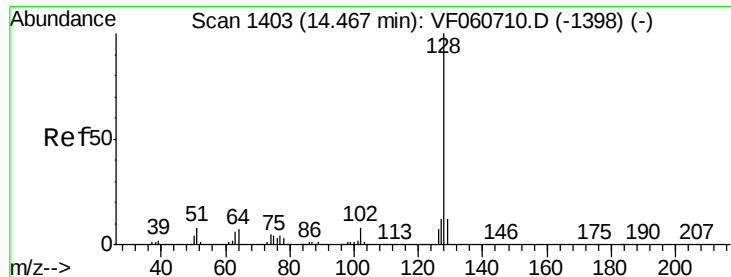
#94
 Hexachlorobutadiene
 Concen: 22.04 ug/l
 RT: 14.20 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion:225 Resp: 51834
 Ion Ratio Lower Upper
 225 100
 223 65.1 31.5 94.5
 227 61.6 33.0 99.0



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

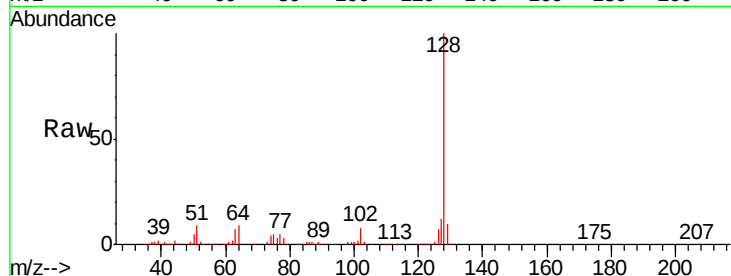




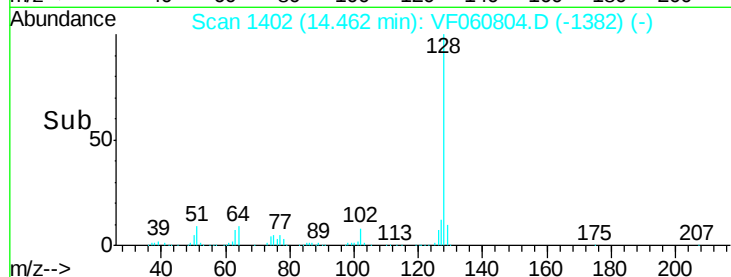
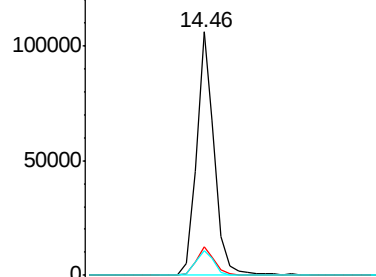
#95
Naphthalene
Concen: 22.80 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

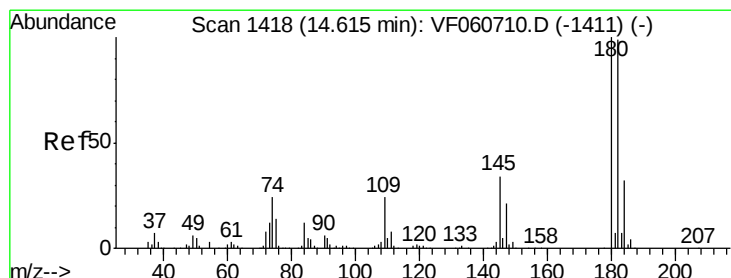
Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	9.8	14.6
129	10.3	9.3	13.9



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

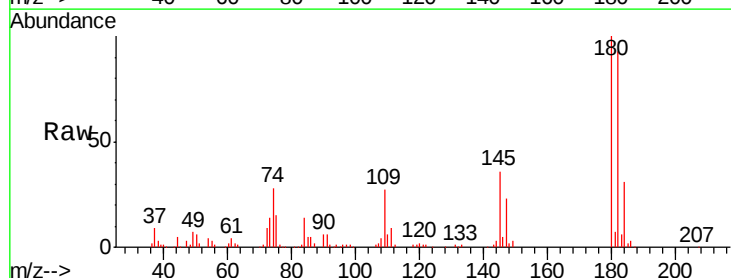


Time-->



#96
1,2,3-Trichlorobenzene
Concen: 24.13 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	49.6	149.0
145	35.7	16.9	50.7



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

