

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF091615\
 Data File : VF045396.D
 Acq On : 16 Sep 2015 18:12
 Operator : FY/SY
 Sample : VF0916SBS01
 Misc : 5.00g/5mL/MSVOA_F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBS01

Quant Time: Sep 17 07:11:55 2015
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 16:04:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.80	168	1110843	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	5.53	114	1614935	50.00	ug/l	0.00
62) Chlorobenzene-d5	9.71	117	1580897	50.00	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	12.50	152	867744	50.00	ug/l	0.01

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	4.77	65	547081	45.86	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.72%	
34) Dibromofluoromethane	4.04	113	577245	46.14	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.28%	
49) Toluene-d8	7.49	98	1761567	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
61) 4-Bromofluorobenzene	11.35	95	819408	46.25	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.93	85	190020	20.09	ug/l	90
3) Chloromethane	1.02	50	161646	19.96	ug/l	97
4) Vinyl Chloride	1.09	62	136936	19.72	ug/l	94
5) Bromomethane	1.26	94	72745	16.88	ug/l	92
6) Chloroethane	1.34	64	53073	19.18	ug/l	94
7) Trichlorofluoromethane	1.39	101	100568	7.06	ug/l	99
8) Diethyl Ether	1.59	74	57195	19.21	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.78	101	158318	19.31	ug/l	94
10) Methyl Iodide	1.81	142	328109	19.57	ug/l	95
11) Tert butyl alcohol	2.50	59	13623	101.63	ug/l #	92
12) 1,1-Dichloroethene	1.71	96	131863	19.36	ug/l	97
13) Acrolein	1.96	56	55388	99.72	ug/l	92
14) Allyl chloride	2.05	41	209847	19.86	ug/l	92
15) Acrylonitrile	2.88	53	124016	96.81	ug/l	93
16) Acetone	2.18	43	263444	97.28	ug/l	98
17) Carbon Disulfide	1.72	76	444043	19.13	ug/l	98
18) Methyl Acetate	2.29	43	212912	20.50	ug/l	98
19) Methyl tert-butyl Ether	2.38	73	109219	20.38	ug/l	92
20) Methylene Chloride	2.13	84	153122	17.65	ug/l	91
21) trans-1,2-Dichloroethene	2.26	96	140062	18.35	ug/l	95
22) Diisopropyl ether	2.75	45	451086	20.03	ug/l	94
23) Vinyl Acetate	3.13	43	673955	102.51	ug/l	96
24) 1,1-Dichloroethane	2.81	63	309147	20.28	ug/l	96
25) 2-Butanone	4.26	43	380520	100.44	ug/l	97
26) 2,2-Dichloropropane	3.53	77	267840	18.87	ug/l	98
27) cis-1,2-Dichloroethene	3.41	96	236022	20.02	ug/l	98
28) Bromochloromethane	3.64	49	133851	22.36	ug/l #	86
29) Chloroform	3.79	83	405857	18.94	ug/l	94
30) Cyclohexane	3.64	56	301152	21.89	ug/l	95
31) 1,1,1-Trichloroethane	4.03	97	332279	18.72	ug/l	94
35) 1,1-Dichloropropene	4.21	75	321637	20.99	ug/l	97
36) Ethyl Acetate	4.04	43	159286	20.55	ug/l #	43
37) Carbon Tetrachloride	3.93	117	299304	18.55	ug/l	99
38) Methylcyclohexane	5.41	83	333628	20.26	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.57	78	755485	21.09	ug/l	97
40) Methacrylonitrile	4.68	41	74217	20.23	ug/l #	87
41) 1,2-Dichloroethane	4.87	62	274727	19.01	ug/l	99
42) Isopropyl Acetate	6.90	43	217853	21.33	ug/l #	97
43) Trichloroethene	5.44	130	249003	20.36	ug/l	96
44) 1,2-Dichloropropane	6.17	63	203510	19.50	ug/l	94
45) Dibromomethane	6.02	93	140391	18.91	ug/l	95
46) Bromodichloromethane	6.32	83	308064	18.53	ug/l	92
47) Methyl methacrylate	6.66	41	118415	19.10	ug/l	88
48) 1,4-Dioxane	6.66	88	29906	402.72	ug/l #	80
50) 4-Methyl-2-Pentanone	8.20	43	765816	105.44	ug/l	100
51) Toluene	7.56	92	592605	21.47	ug/l	99
52) t-1,3-Dichloropropene	8.21	75	296569	19.84	ug/l	96
53) cis-1,3-Dichloropropene	7.24	75	346754	19.65	ug/l	97
54) 1,1,2-Trichloroethane	8.42	97	185672	19.89	ug/l	99
55) Ethyl methacrylate	8.57	69	257955	21.24	ug/l	96
56) 1,3-Dichloropropane	8.78	76	320429	21.04	ug/l	97
58) 2-Hexanone	9.43	43	628336	108.69	ug/l	97
59) Dibromochloromethane	8.65	129	254008	19.20	ug/l	99
60) 1,2-Dibromoethane	8.92	107	223458	21.09	ug/l	85
63) Tetrachloroethene	8.09	164	256846	20.45	ug/l	93
64) Chlorobenzene	9.73	112	674605	20.34	ug/l	99
65) 1,1,1,2-Tetrachloroethane	9.86	131	234595	19.35	ug/l	97
66) Ethyl Benzene	9.84	91	1180475	20.54	ug/l	97
67) m/p-Xylenes	10.06	106	839484	40.76	ug/l	98
68) o-Xylene	10.66	106	441157	20.63	ug/l	97
69) Styrene	10.73	104	685519	20.09	ug/l	94
70) Bromoform	10.70	173	165318	18.38	ug/l	99
72) Isopropylbenzene	11.07	105	1225041	21.07	ug/l	98
73) N-amyl acetate	11.33	43	339781	21.08	ug/l	93
74) 1,1,2,2-Tetrachloroethane	11.64	83	266657	20.24	ug/l	97
75) 1,2,3-Trichloropropane	11.74	75	192247	21.22	ug/l	93
76) Bromobenzene	11.43	156	334297	20.28	ug/l	96
77) n-propylbenzene	11.54	91	1520806	21.07	ug/l	94
78) 2-Chlorotoluene	11.66	91	863872	21.40	ug/l	97
79) 1,3,5-Trimethylbenzene	11.77	105	1009546	21.31	ug/l	94
80) trans-1,4-Dichloro-2-buten	11.81	75	118928	24.50	ug/l	96
81) 4-Chlorotoluene	11.85	91	910645	20.41	ug/l	90
82) tert-Butylbenzene	12.07	119	971603	20.74	ug/l	99
83) 1,2,4-Trimethylbenzene	12.15	105	1020425	21.00	ug/l	99
84) sec-Butylbenzene	12.25	105	1344646	20.64	ug/l	94
85) p-Isopropyltoluene	12.41	119	1071866	21.14	ug/l	96
86) 1,3-Dichlorobenzene	12.42	146	599407	21.38	ug/l	98
87) 1,4-Dichlorobenzene	12.51	146	555049	19.83	ug/l	99
88) n-Butylbenzene	12.79	91	1126066	22.09	ug/l	96
89) Hexachloroethane	12.85	117	236731	19.72	ug/l	79
90) 1,2-Dichlorobenzene	12.88	146	516814	20.04	ug/l	97
91) 1,2-Dibromo-3-Chloropropan	13.57	75	35099	20.06	ug/l	66
92) 1,2,4-Trichlorobenzene	14.13	180	308257	20.66	ug/l	97
93) Hexachlorobutadiene	14.12	225	242493	21.40	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 16:04:03 2015
Response via : Initial Calibration

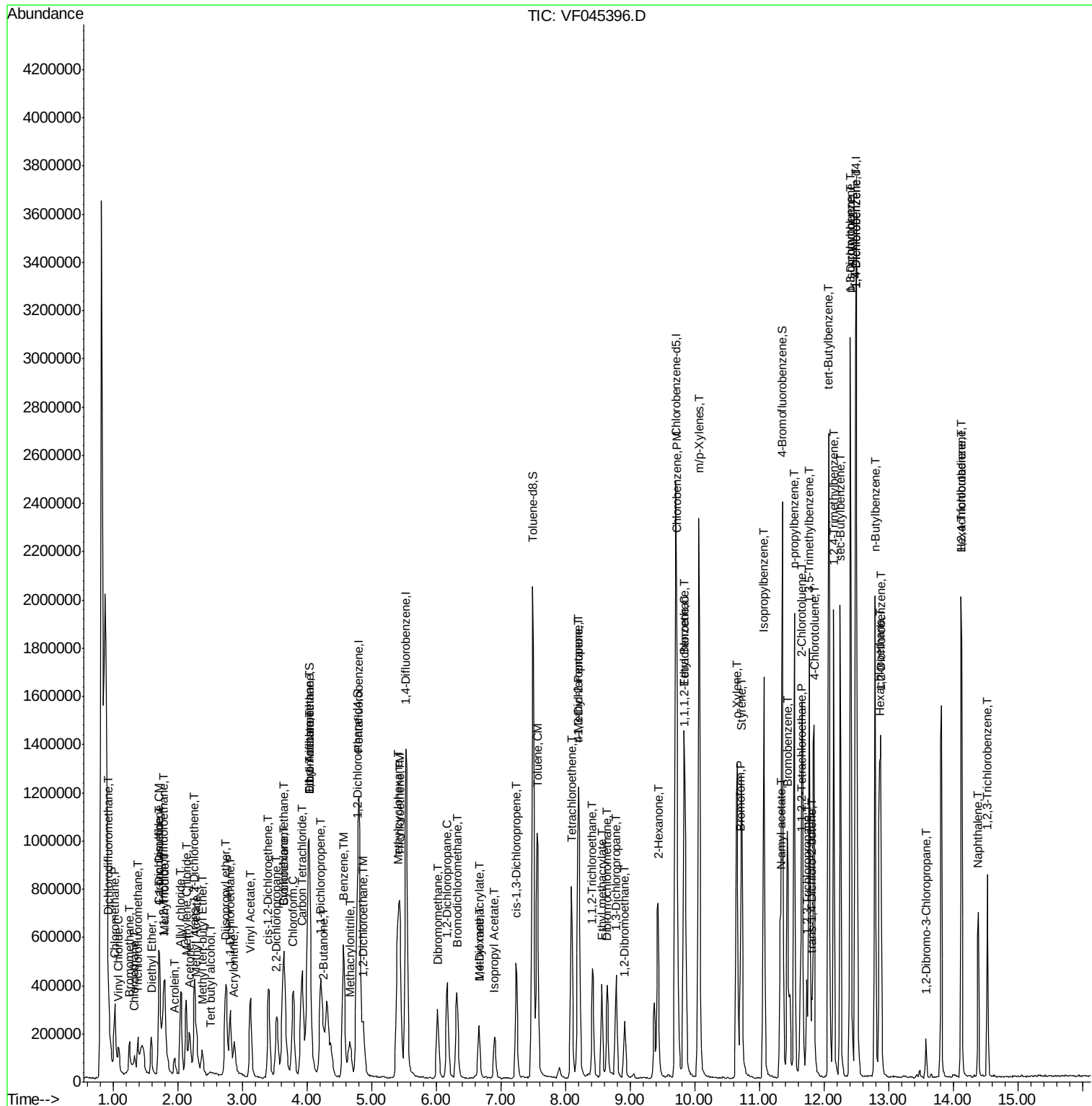
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Naphthalene	14.39	128	499001	18.79	ug/l	99
95) 1,2,3-Trichlorobenzene	14.53	180	242899	19.82	ug/l	98

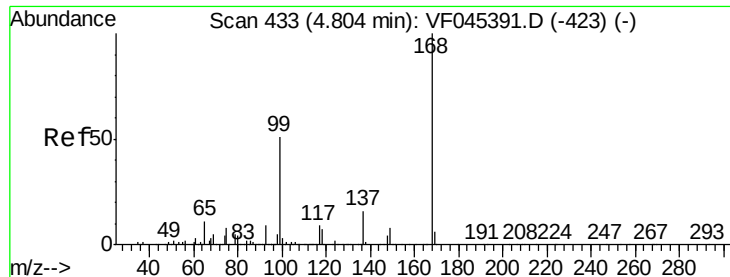
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.80 min Scan# 433

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

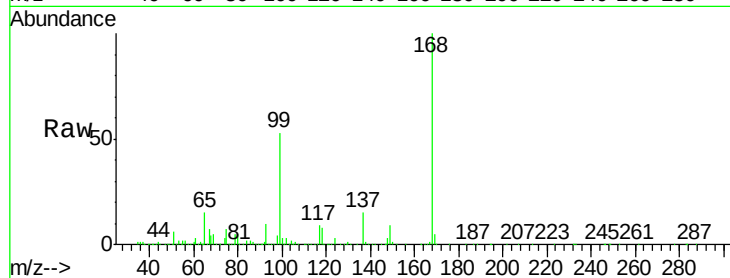
VF0916SBS01

Tgt Ion:168 Resp: 1110843

Ion Ratio Lower Upper

168 100

99 52.8 39.0 58.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.80

400000

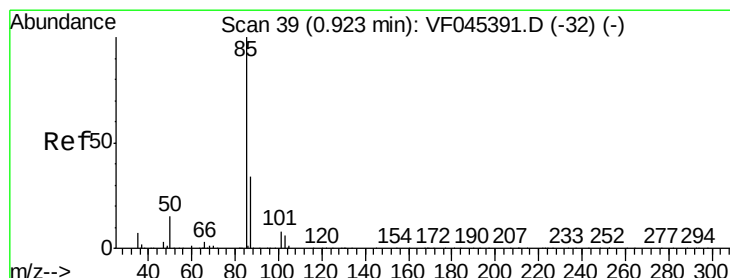
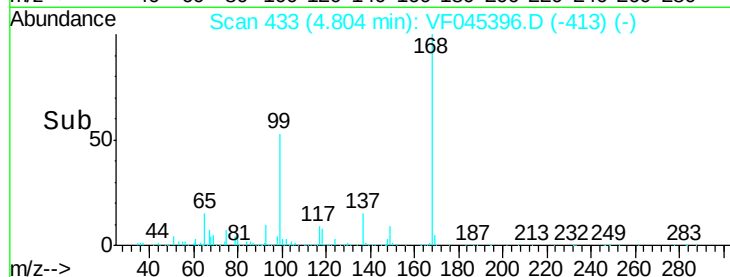
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.09 ug/l

RT: 0.93 min Scan# 40

Delta R.T. 0.01 min

Lab File: VF045396.D

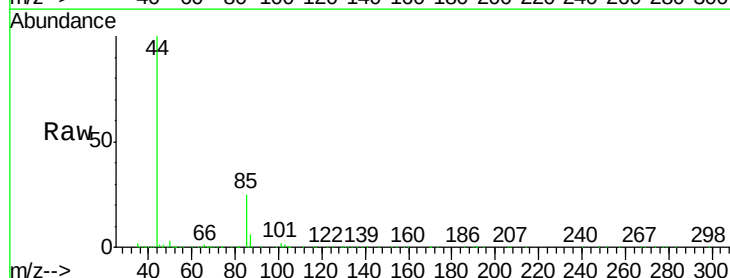
Acq: 16 Sep 2015 18:12

Tgt Ion: 85 Resp: 190020

Ion Ratio Lower Upper

85 100

87 25.6 15.6 46.7



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.93

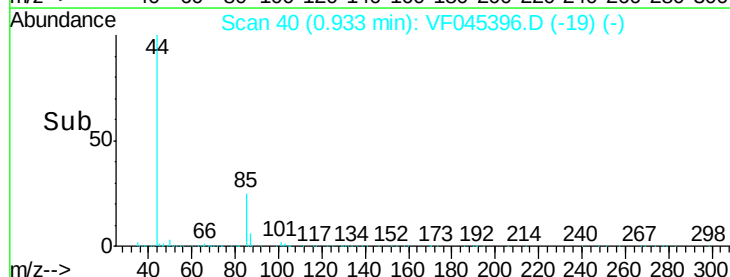
60000

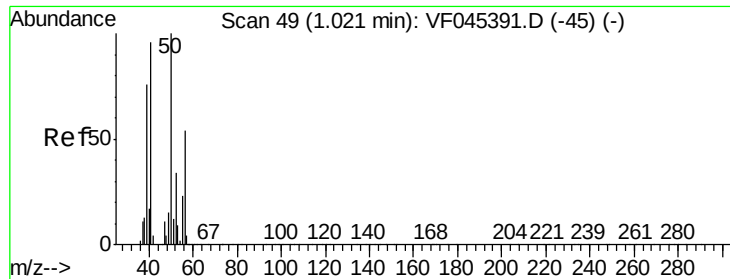
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.96 ug/l

RT: 1.02 min Scan# 49

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

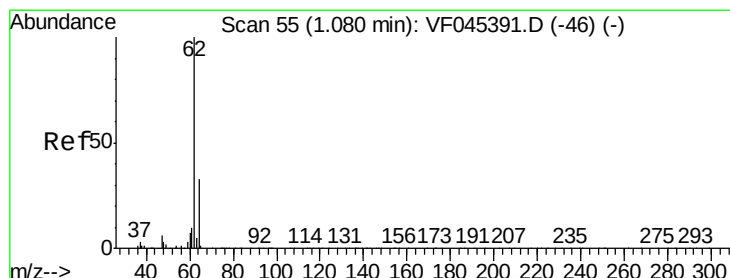
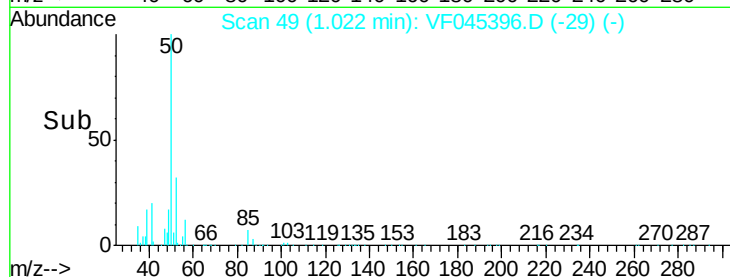
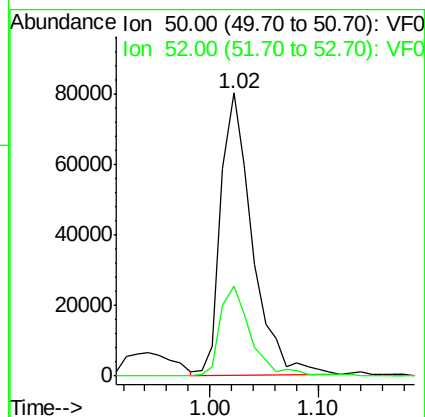
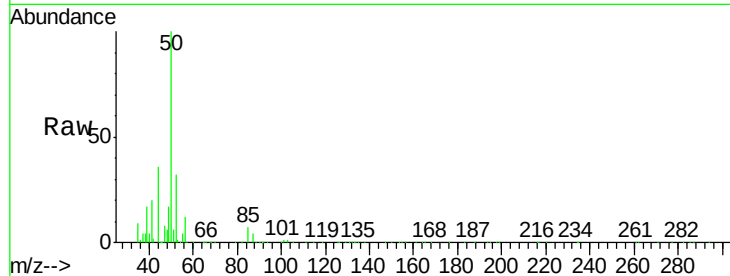
VF0916SBS01

Tgt Ion: 50 Resp: 161646

Ion Ratio Lower Upper

50 100

52 31.7 23.8 35.8



#4

Vinyl Chloride

Concen: 19.72 ug/l

RT: 1.09 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF045396.D

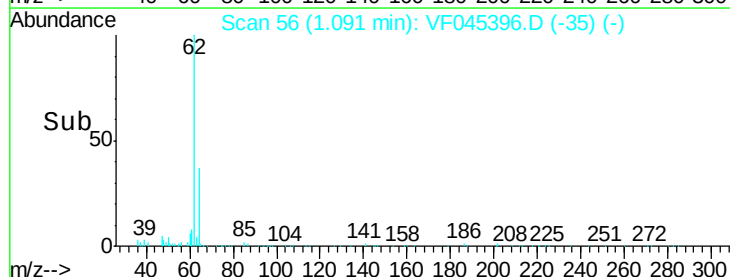
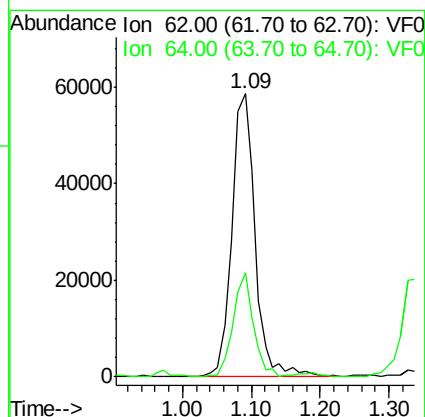
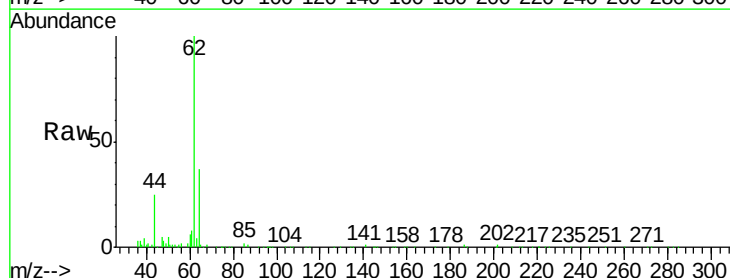
Acq: 16 Sep 2015 18:12

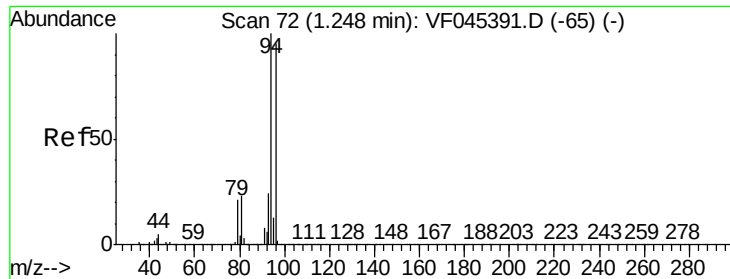
Tgt Ion: 62 Resp: 136936

Ion Ratio Lower Upper

62 100

64 36.7 26.6 39.8





#5

Bromomethane

Concen: 16.88 ug/l

RT: 1.26 min Scan# 73

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

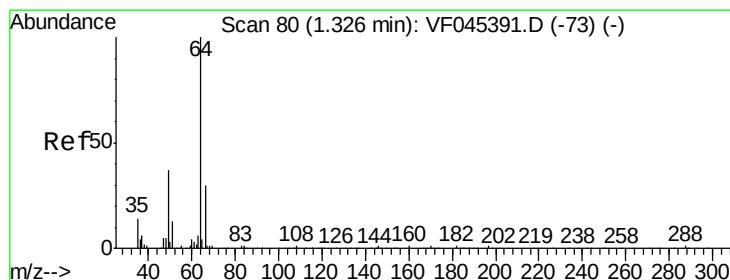
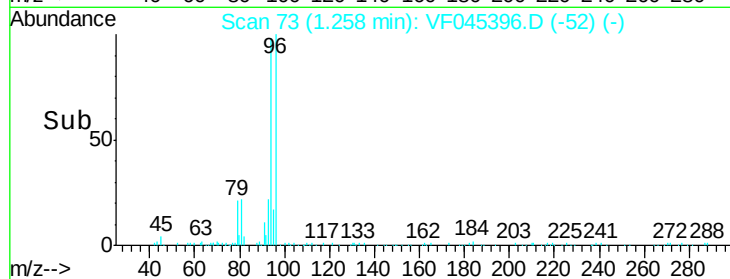
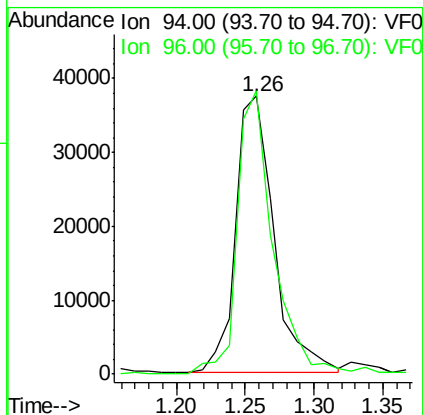
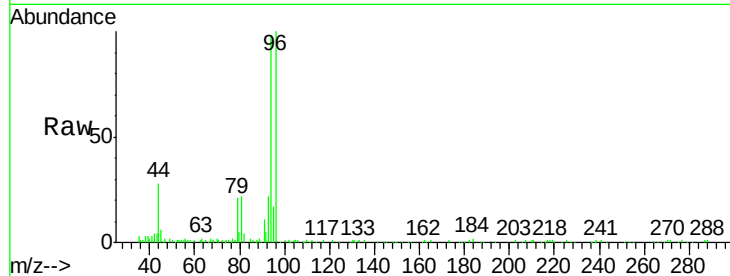
VF0916SBS01

Tgt Ion: 94 Resp: 72745

Ion Ratio Lower Upper

94 100

96 101.9 75.0 112.4



#6

Chloroethane

Concen: 19.18 ug/l

RT: 1.34 min Scan# 81

Delta R.T. 0.01 min

Lab File: VF045396.D

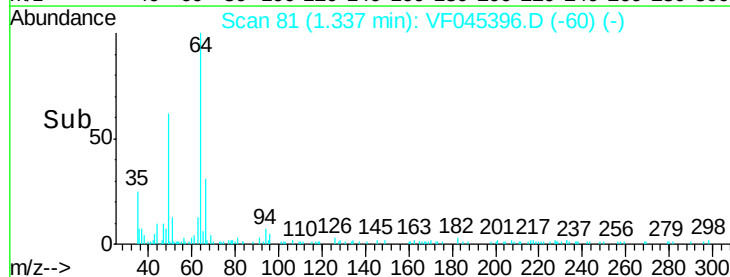
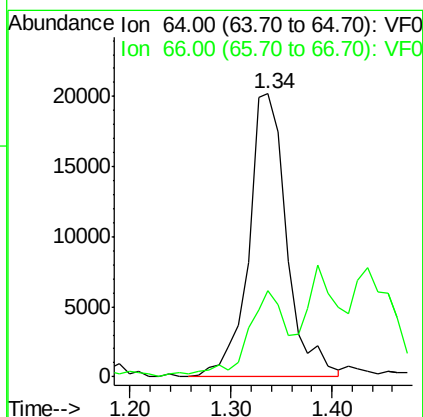
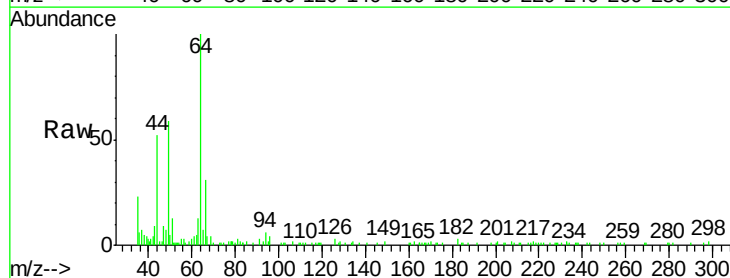
Acq: 16 Sep 2015 18:12

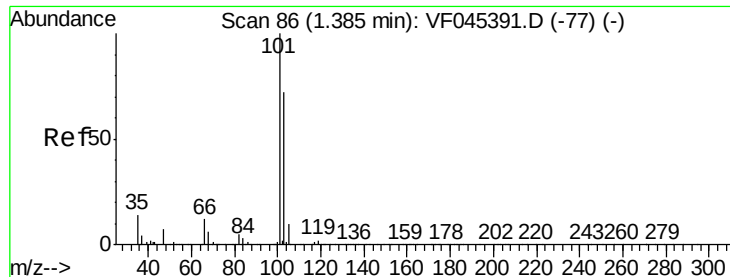
Tgt Ion: 64 Resp: 53073

Ion Ratio Lower Upper

64 100

66 30.6 27.3 40.9





#7

Trichlorofluoromethane

Concen: 7.06 ug/l

RT: 1.39 min Scan# 86

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

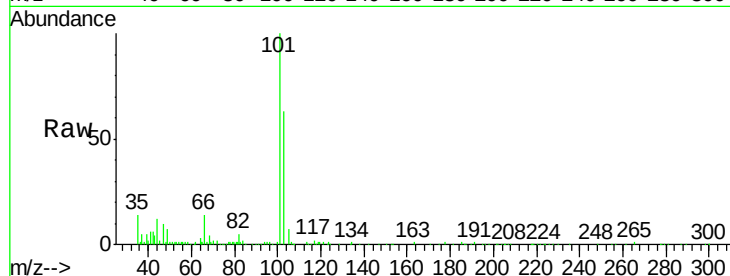
VF0916SBS01

Tgt Ion:101 Resp: 100568

Ion Ratio Lower Upper

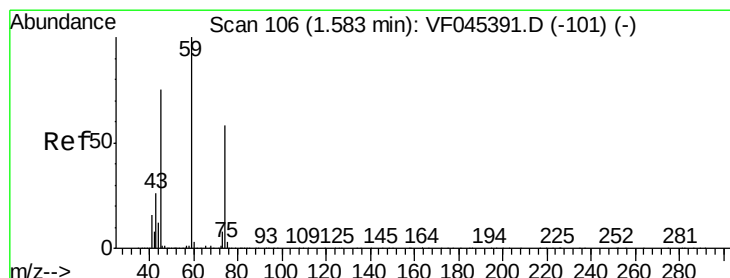
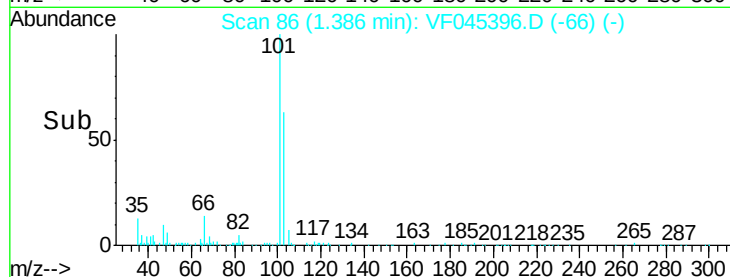
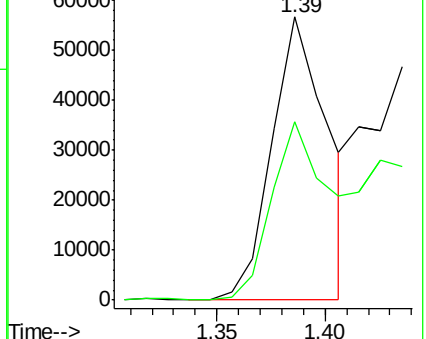
101 100

103 62.8 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 19.21 ug/l

RT: 1.59 min Scan# 107

Delta R.T. 0.01 min

Lab File: VF045396.D

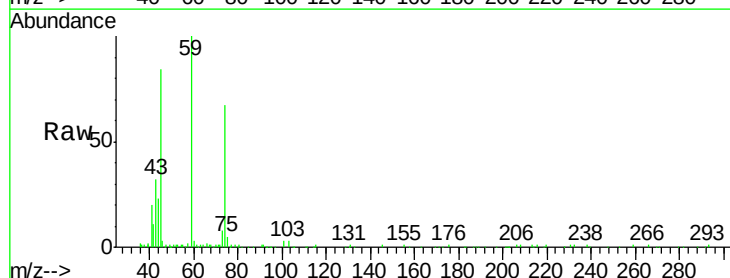
Acq: 16 Sep 2015 18:12

Tgt Ion: 74 Resp: 57195

Ion Ratio Lower Upper

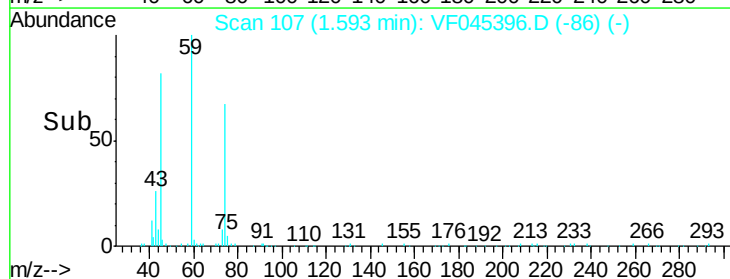
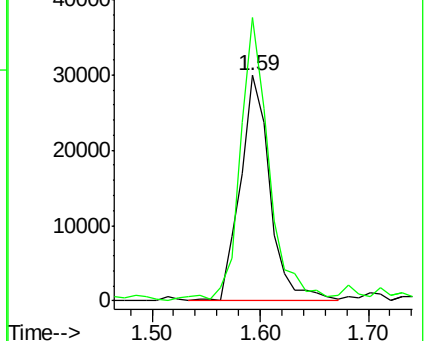
74 100

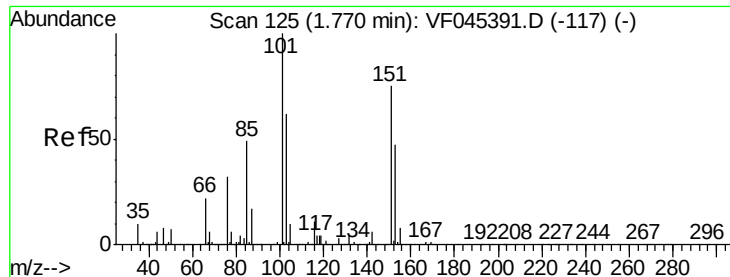
45 125.5 60.9 182.7



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: 19.31 ug/l

RT: 1.78 min Scan# 126

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

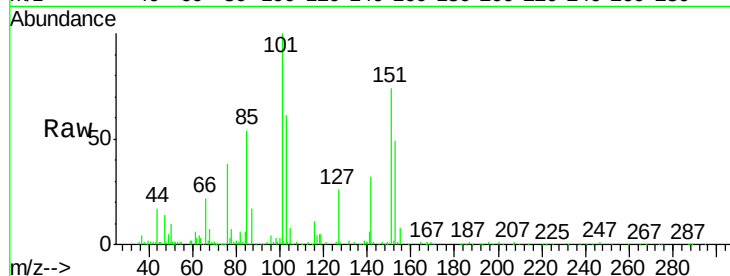
Tgt Ion:101 Resp: 158318

Ion Ratio Lower Upper

101 100

85 54.3 40.0 60.0

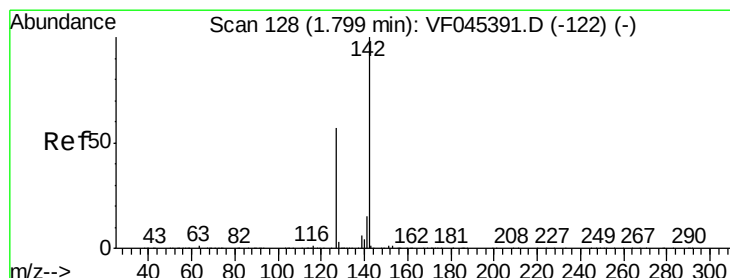
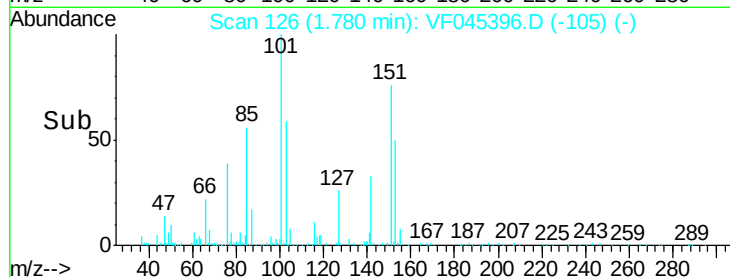
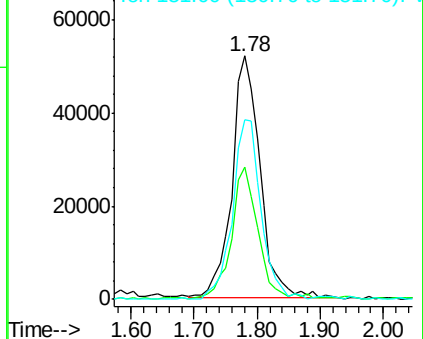
151 74.0 62.8 94.2



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: 19.57 ug/l

RT: 1.81 min Scan# 129

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

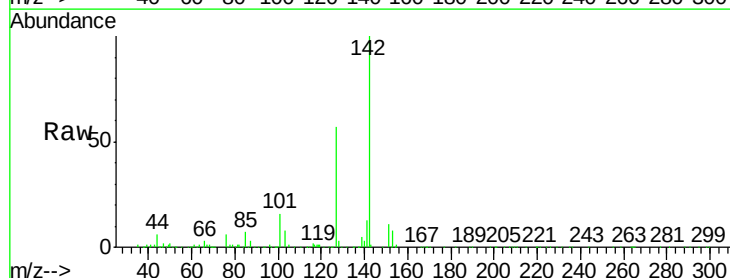
Tgt Ion:142 Resp: 328109

Ion Ratio Lower Upper

142 100

127 57.3 43.3 64.9

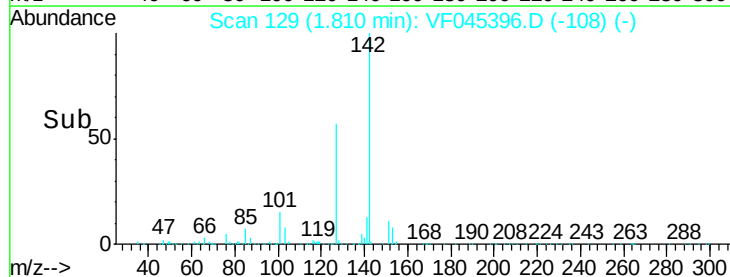
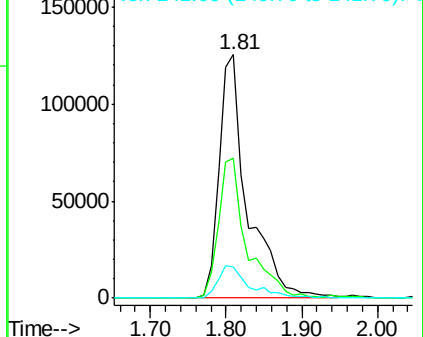
141 12.9 12.1 18.1

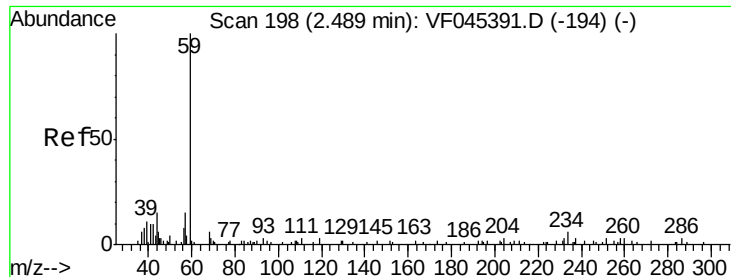


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

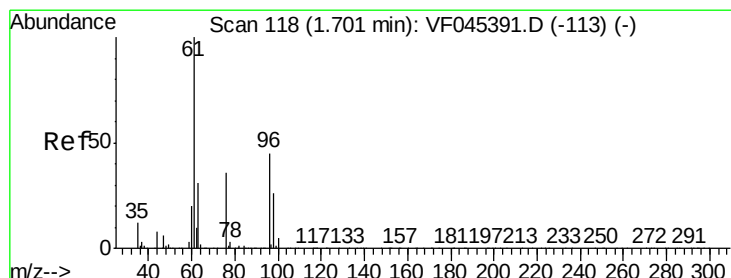
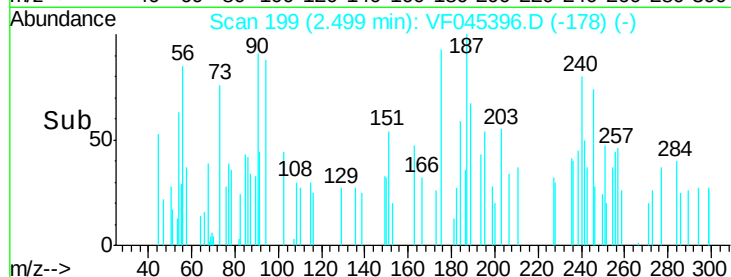
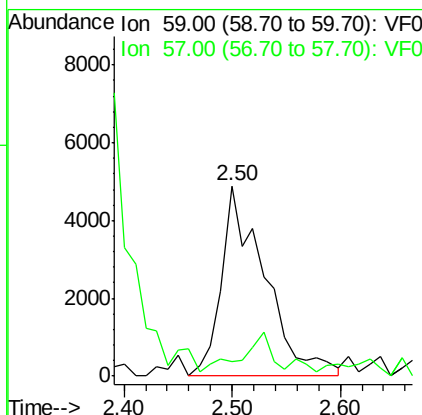
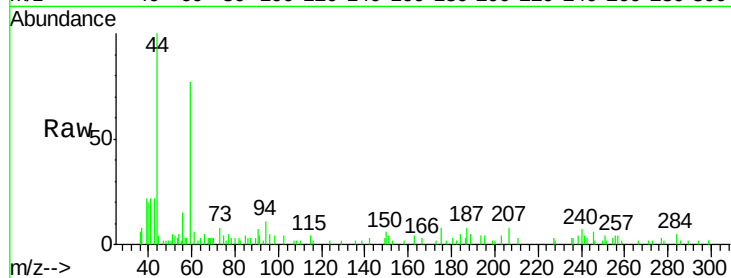




#11
Tert butyl alcohol
Concen: 101.63 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.01 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

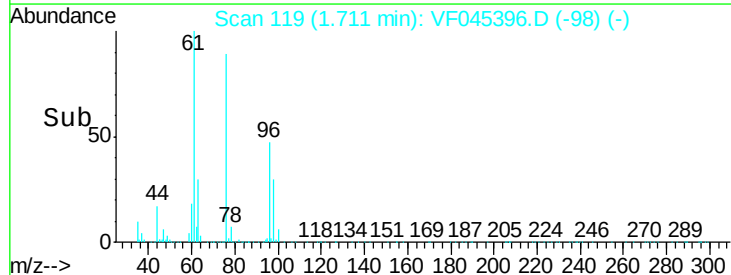
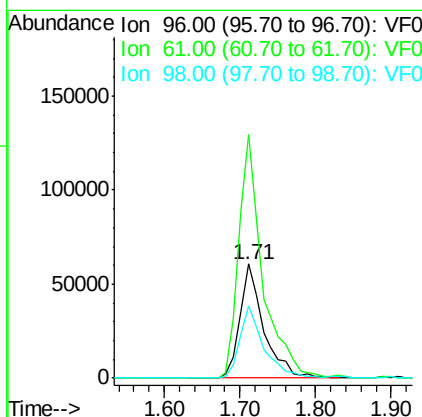
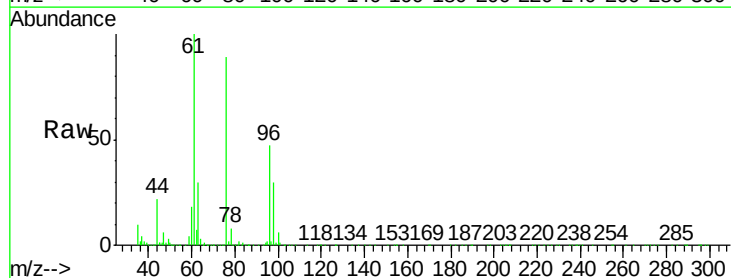
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

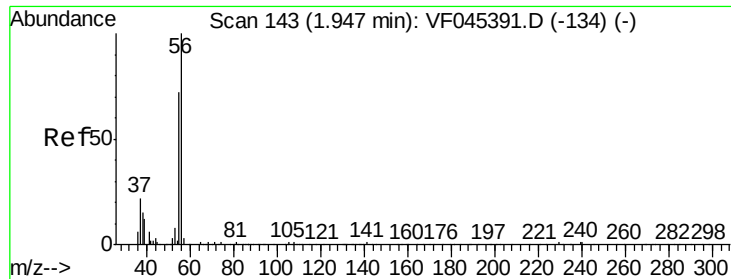
Tgt Ion: 59 Resp: 13623
Ion Ratio Lower Upper
59 100
57 7.9 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 19.36 ug/l
RT: 1.71 min Scan# 119
Delta R.T. 0.01 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion: 96 Resp: 131863
Ion Ratio Lower Upper
96 100
61 213.4 165.8 248.8
98 63.0 51.2 76.8

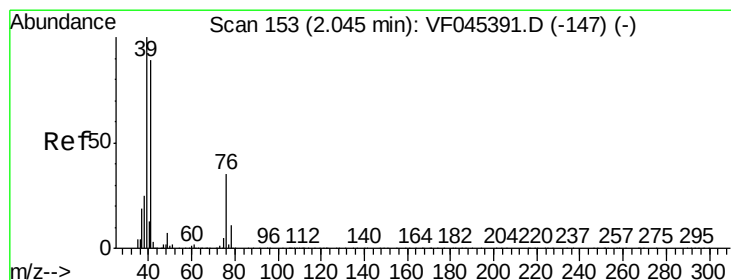
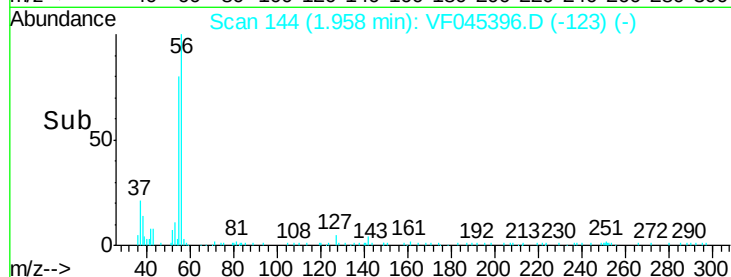
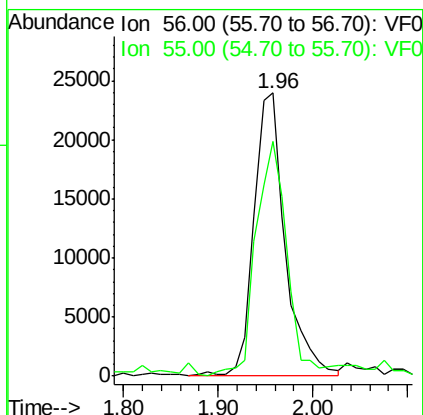
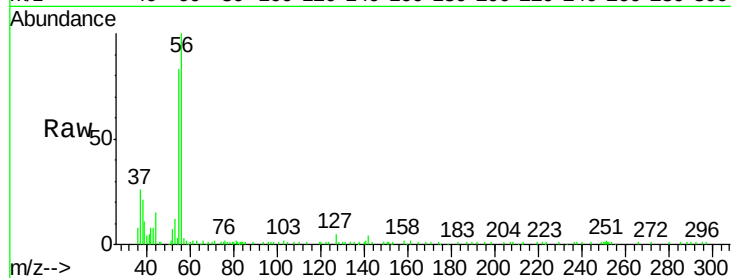




#13
Acrolein
Concen: 99.72 ug/l
RT: 1.96 min Scan# 144
Delta R.T. 0.01 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

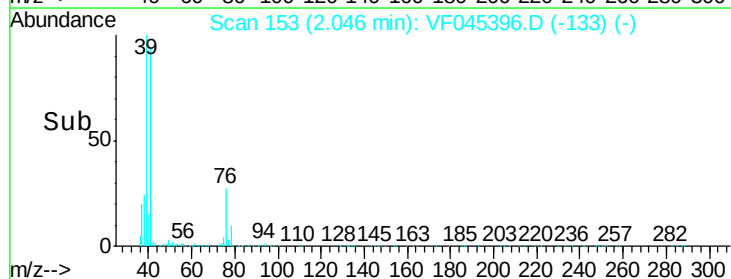
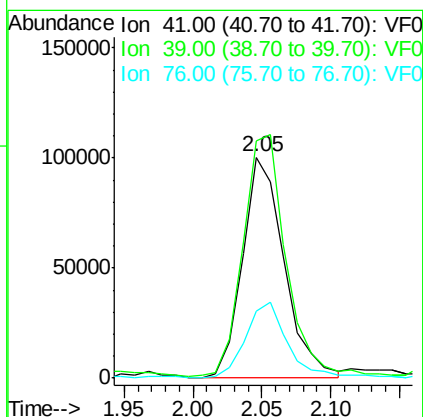
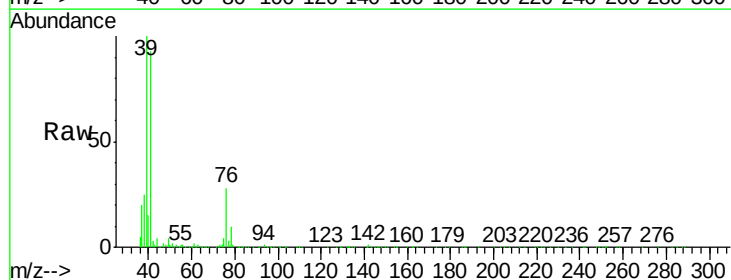
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

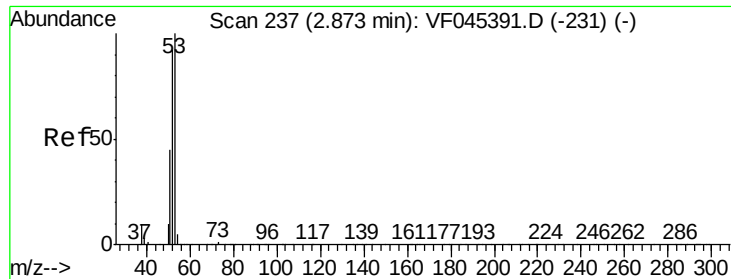
Tgt Ion: 56 Resp: 55388
Ion Ratio Lower Upper
56 100
55 82.8 60.5 90.7



#14
Allyl chloride
Concen: 19.86 ug/l
RT: 2.05 min Scan# 153
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion: 41 Resp: 209847
Ion Ratio Lower Upper
41 100
39 107.2 92.8 139.2
76 30.6 27.7 41.5





#15

Acrylonitrile

Concen: 96.81 ug/l

RT: 2.88 min Scan# 238

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

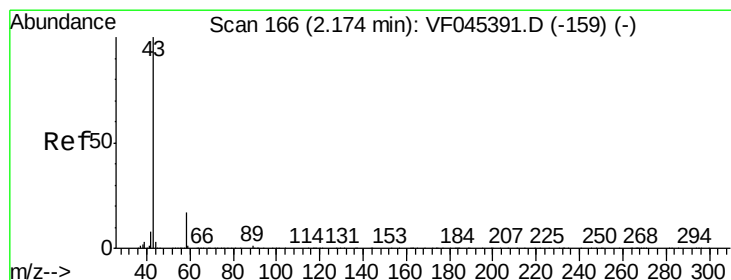
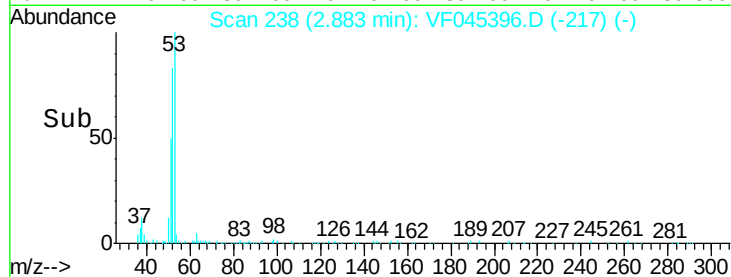
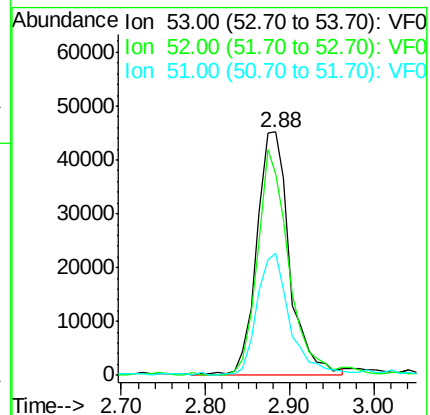
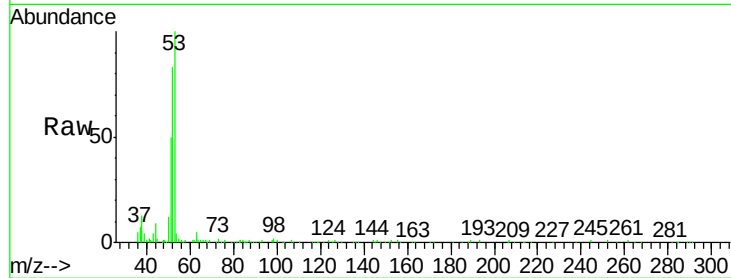
Tgt Ion: 53 Resp: 124016

Ion Ratio Lower Upper

53 100

52 82.6 72.7 109.1

51 49.9 42.2 63.2



#16

Acetone

Concen: 97.28 ug/l

RT: 2.18 min Scan# 167

Delta R.T. 0.01 min

Lab File: VF045396.D

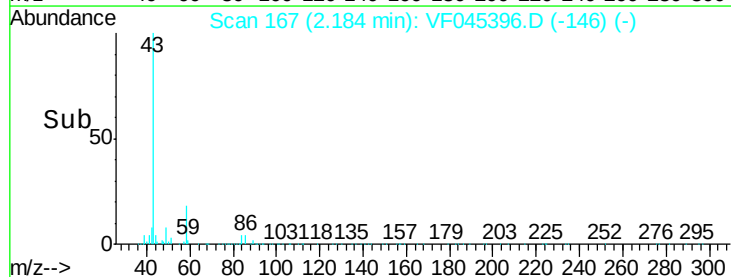
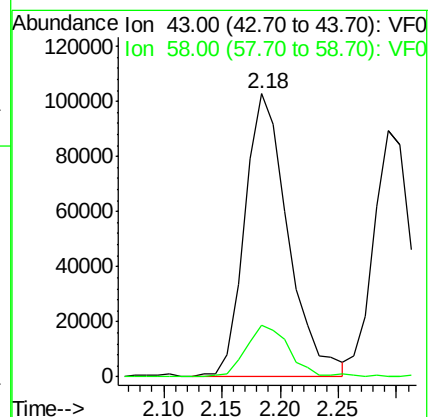
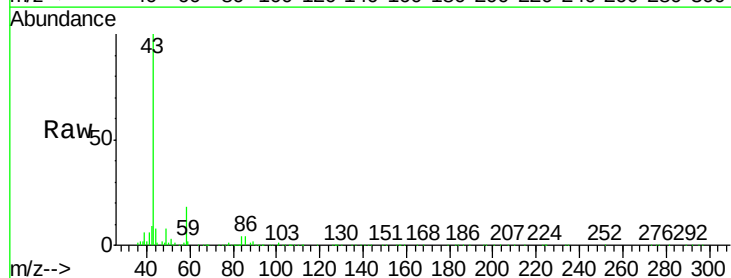
Acq: 16 Sep 2015 18:12

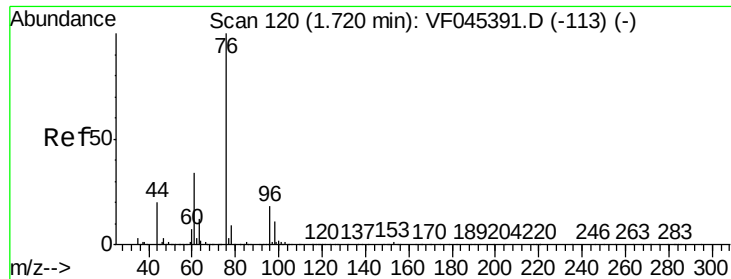
Tgt Ion: 43 Resp: 263444

Ion Ratio Lower Upper

43 100

58 18.3 13.9 20.9

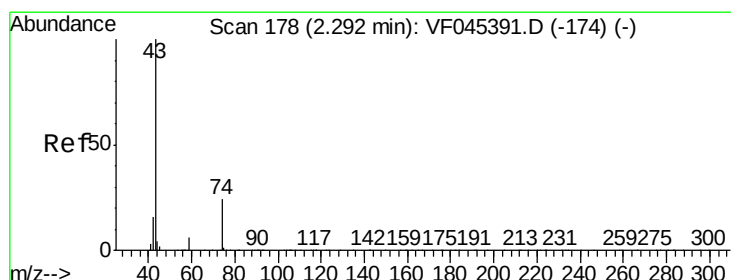
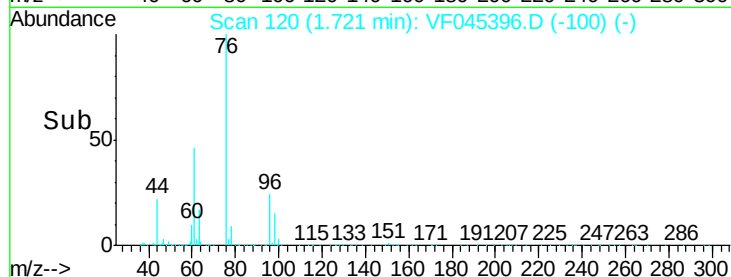
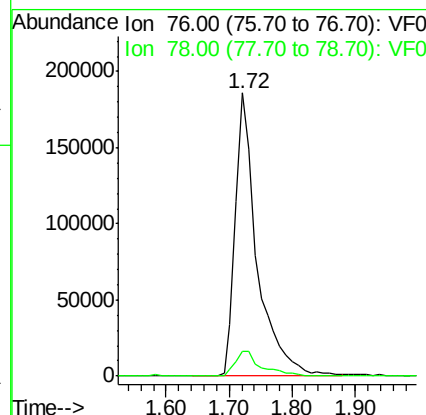
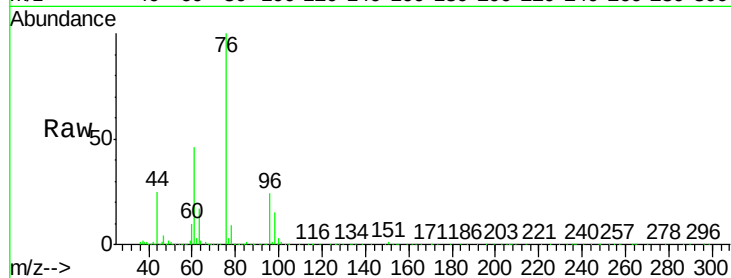




#17
Carbon Disulfide
Concen: 19.13 ug/l
RT: 1.72 min Scan# 120
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

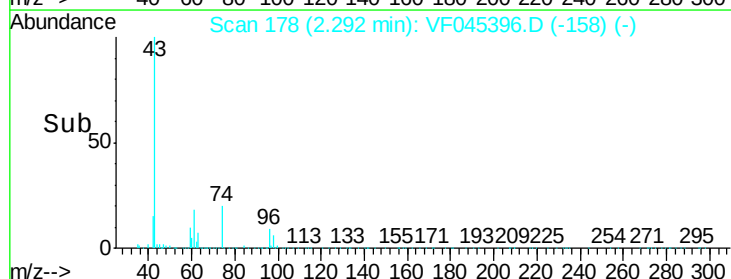
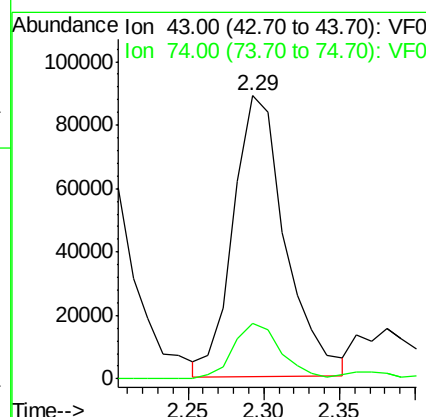
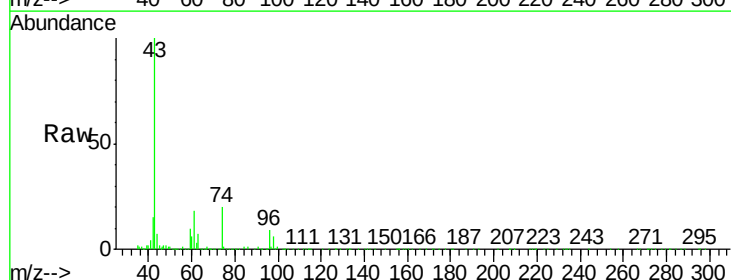
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

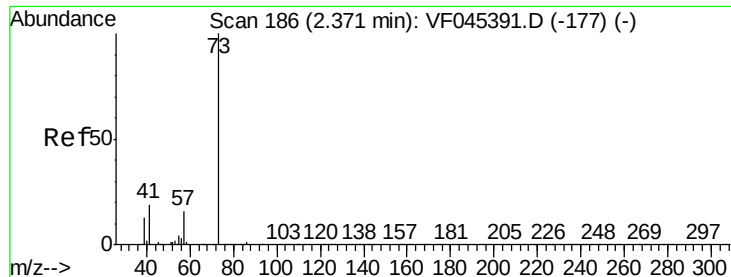
Tgt Ion: 76 Resp: 444043
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 20.50 ug/l
RT: 2.29 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion: 43 Resp: 212912
Ion Ratio Lower Upper
43 100
74 19.8 15.1 22.7





#19

Methyl tert-butyl Ether

Concen: 20.38 ug/l

RT: 2.38 min Scan# 187

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

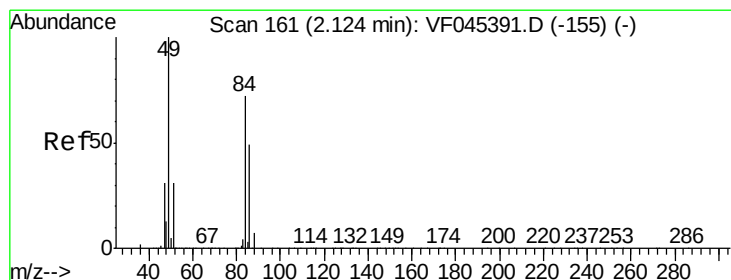
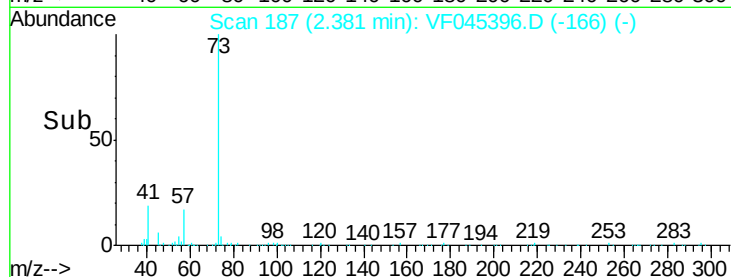
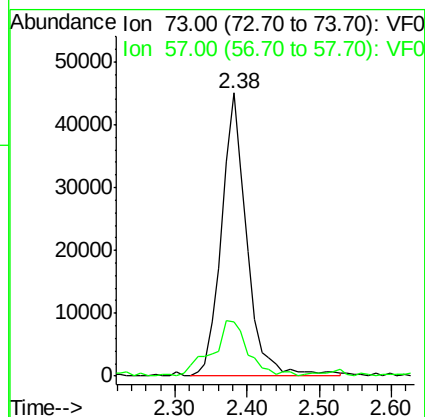
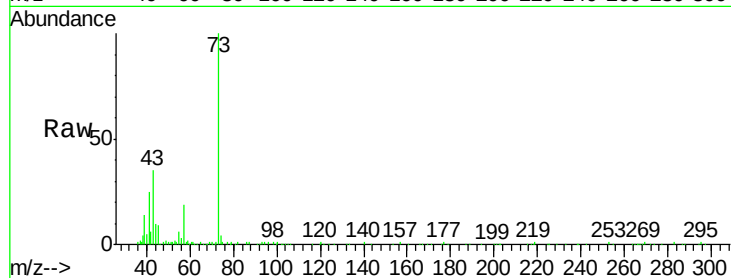
VF0916SBS01

Tgt Ion: 73 Resp: 109219

Ion Ratio Lower Upper

73 100

57 19.3 12.9 19.3



#20

Methylene Chloride

Concen: 17.65 ug/l

RT: 2.13 min Scan# 162

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Tgt Ion: 84 Resp: 153122

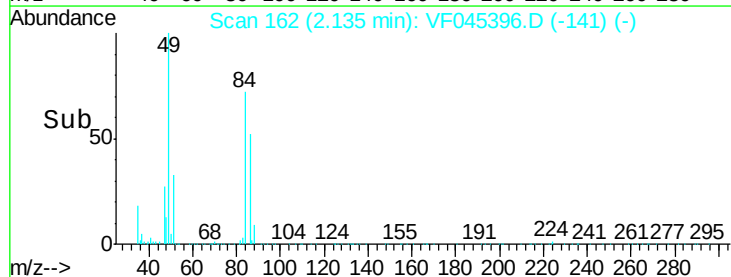
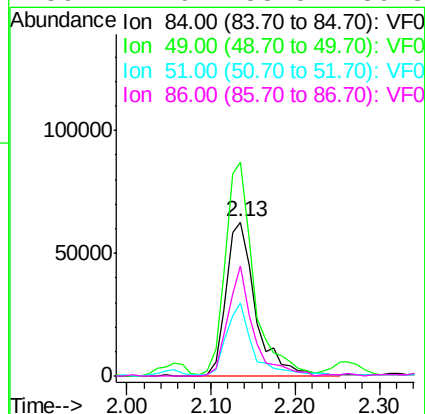
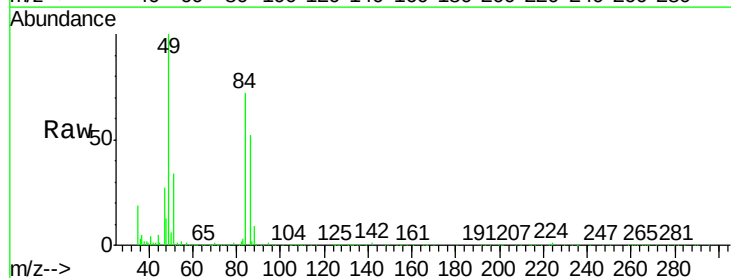
Ion Ratio Lower Upper

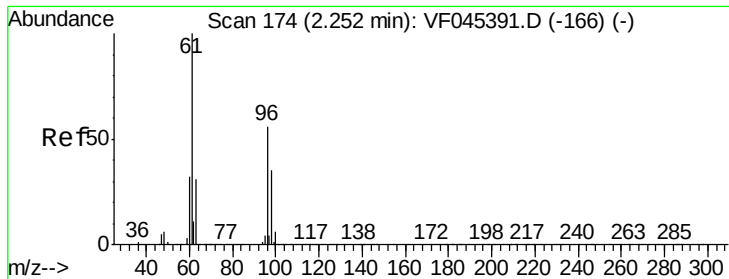
84 100

49 138.7 122.8 184.2

51 47.0 35.4 53.2

86 71.6 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 18.35 ug/l

RT: 2.26 min Scan# 175

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

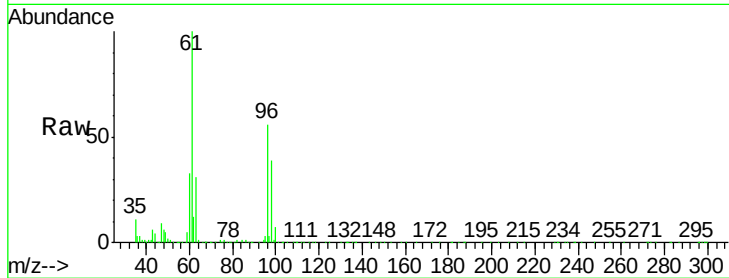
Tgt Ion: 96 Resp: 140062

Ion Ratio Lower Upper

96 100

61 177.8 136.8 205.2

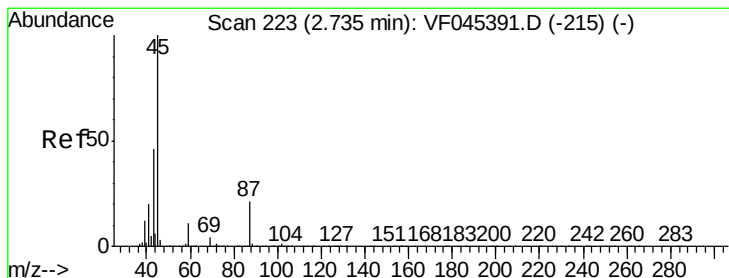
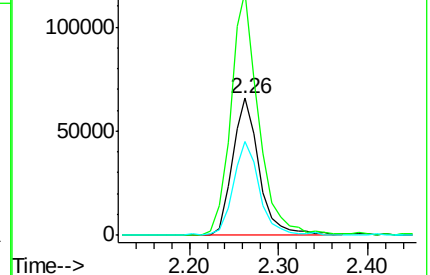
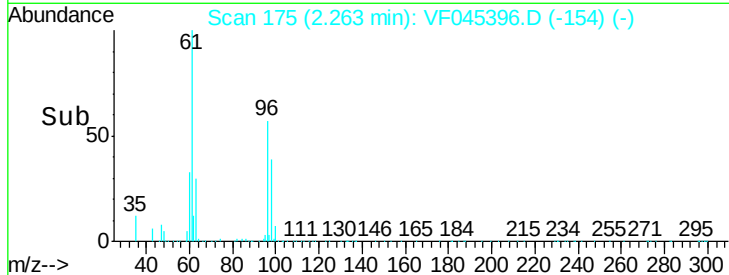
98 68.8 51.0 76.4



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



#22

Diisopropyl ether

Concen: 20.03 ug/l

RT: 2.75 min Scan# 224

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Tgt Ion: 45 Resp: 451086

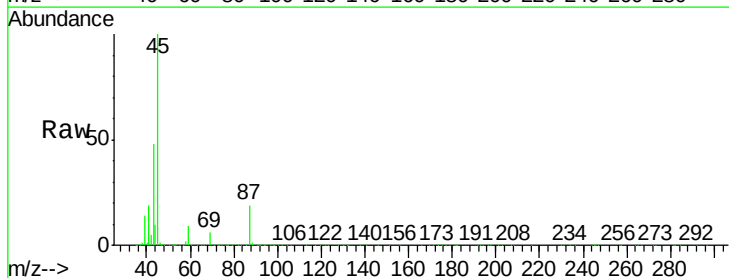
Ion Ratio Lower Upper

45 100

43 47.7 42.2 63.4

87 18.7 16.6 25.0

59 9.2 7.6 11.4

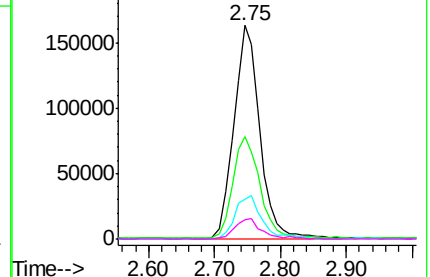
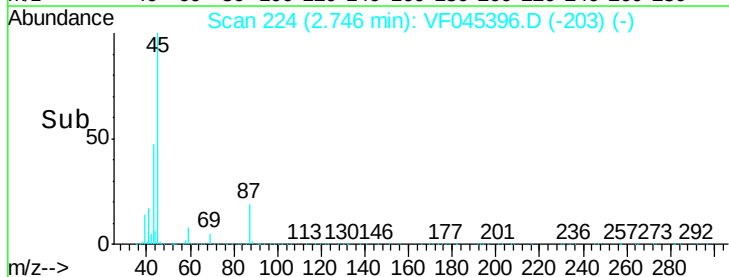


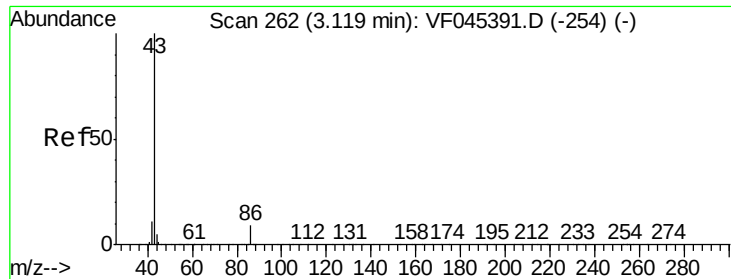
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 102.51 ug/l

RT: 3.13 min Scan# 263

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

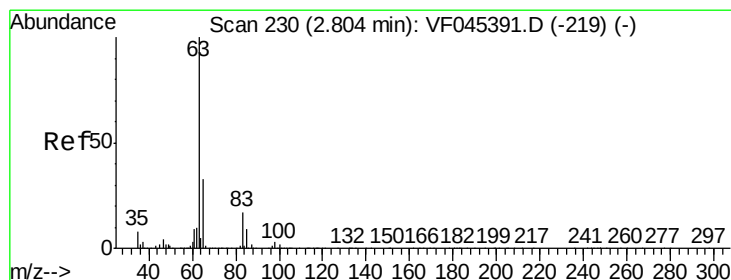
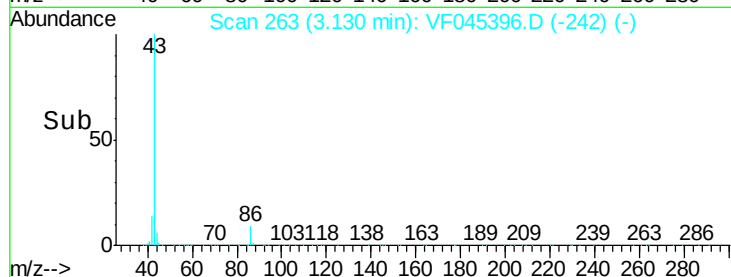
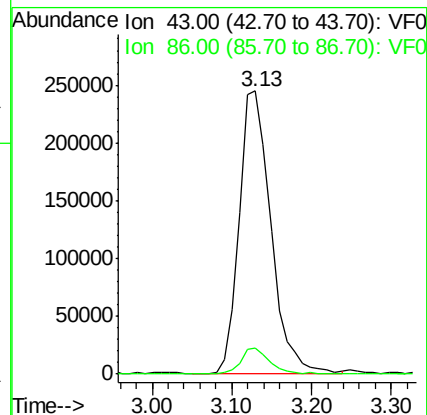
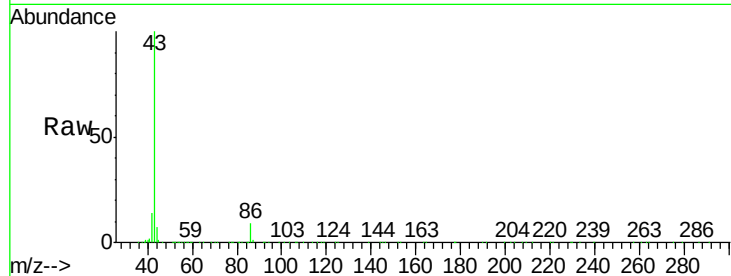
VF0916SBS01

Tgt Ion: 43 Resp: 673955

Ion Ratio Lower Upper

43 100

86 9.2 6.3 9.5



#24

1,1-Dichloroethane

Concen: 20.28 ug/l

RT: 2.81 min Scan# 231

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

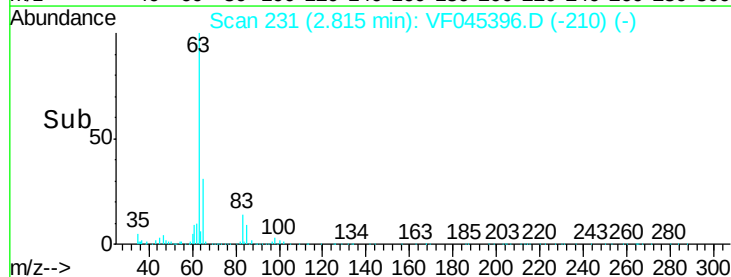
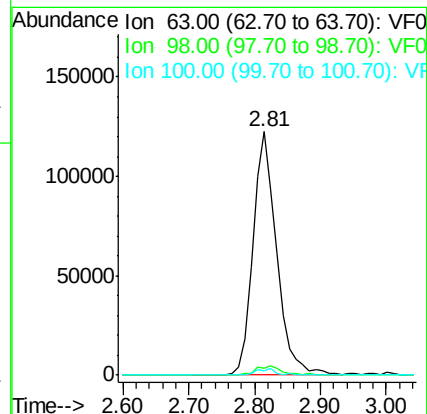
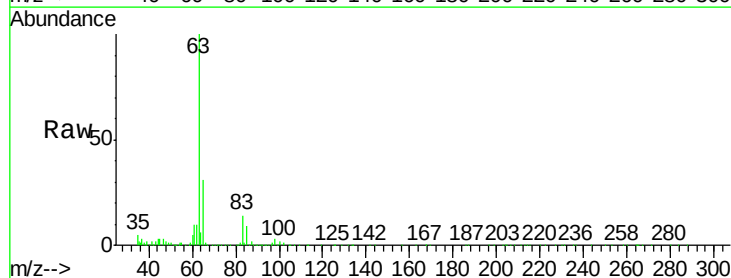
Tgt Ion: 63 Resp: 309147

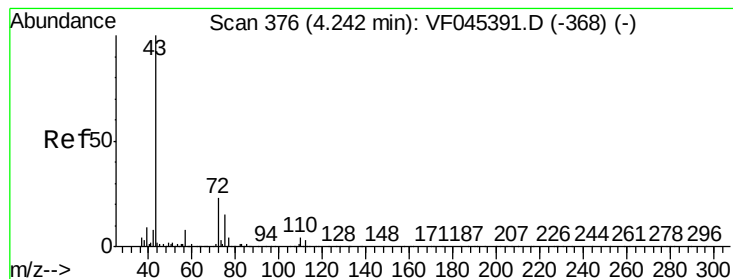
Ion Ratio Lower Upper

63 100

98 2.7 2.2 6.6

100 1.9 1.1 3.5





#25

2-Butanone

Concen: 100.44 ug/l

RT: 4.26 min Scan# 378

Delta R.T. 0.02 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

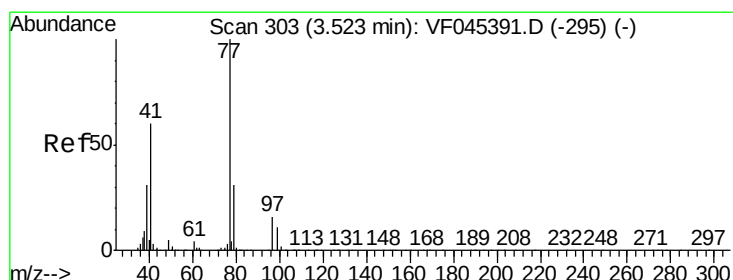
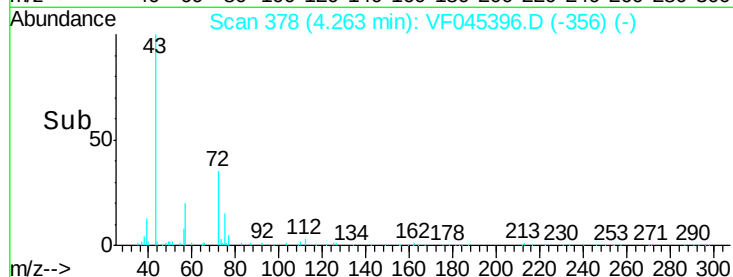
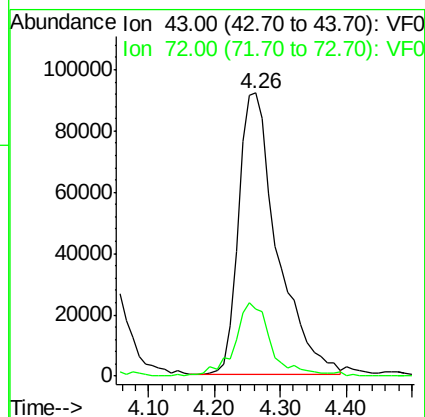
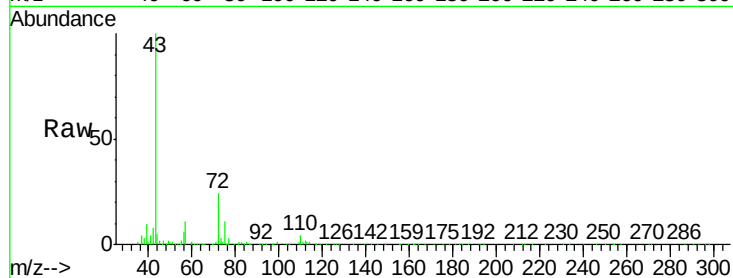
VF0916SBS01

Tgt Ion: 43 Resp: 380520

Ion Ratio Lower Upper

43 100

72 23.7 20.2 30.2



#26

2,2-Dichloropropane

Concen: 18.87 ug/l

RT: 3.53 min Scan# 304

Delta R.T. 0.01 min

Lab File: VF045396.D

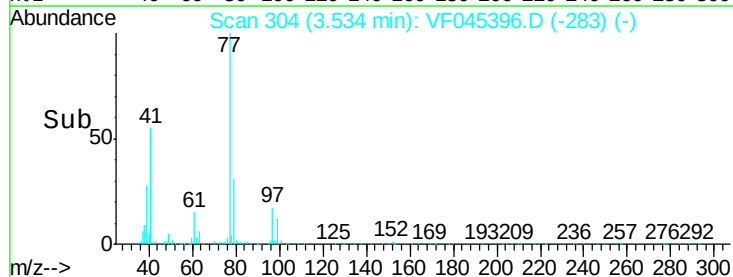
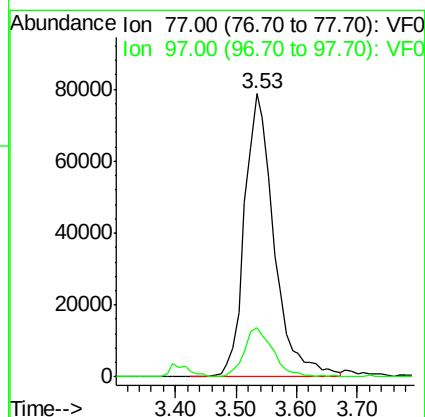
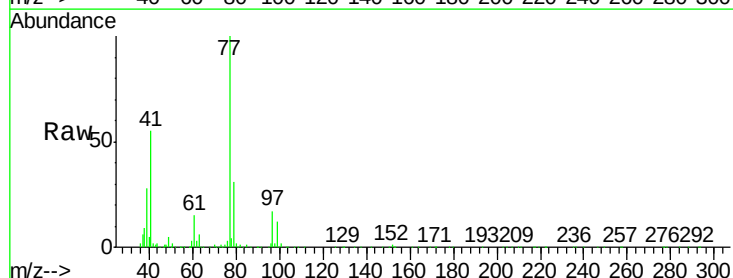
Acq: 16 Sep 2015 18:12

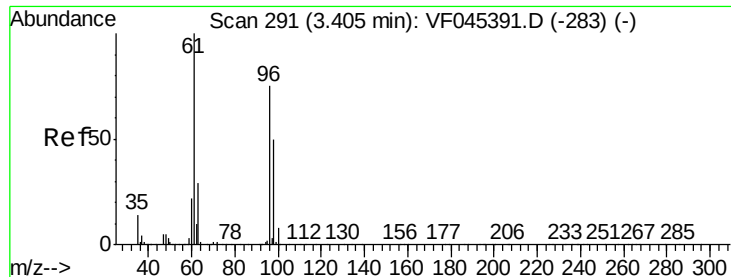
Tgt Ion: 77 Resp: 267840

Ion Ratio Lower Upper

77 100

97 17.4 9.2 27.4



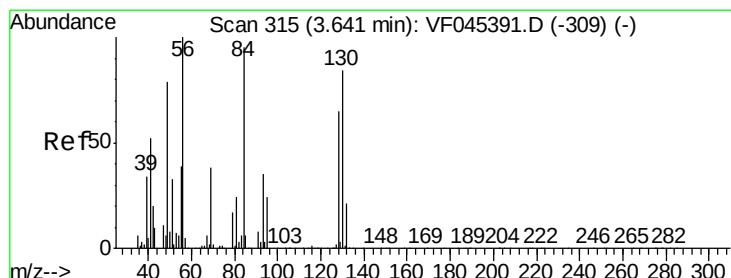
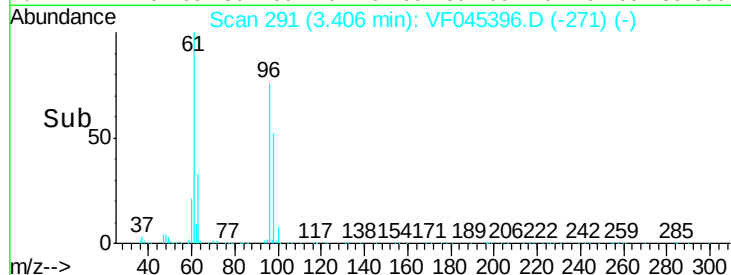
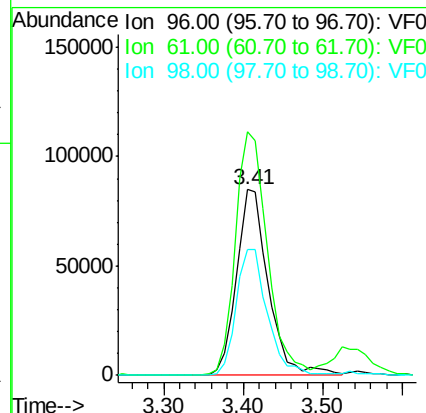
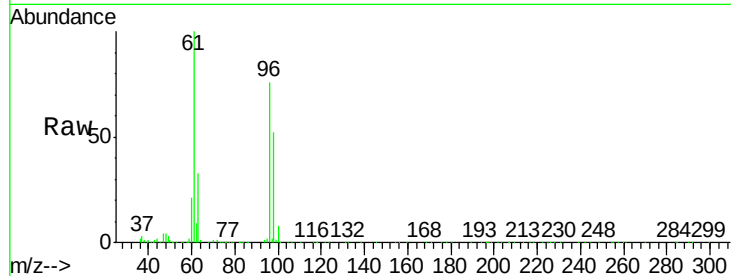


#27

cis-1,2-Dichloroethene
Concen: 20.02 ug/l
RT: 3.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

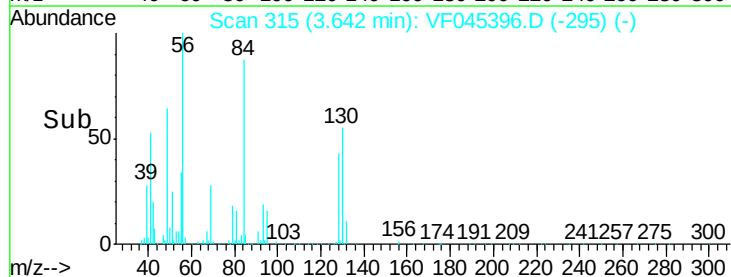
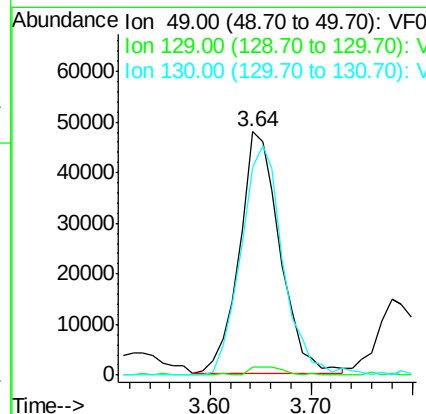
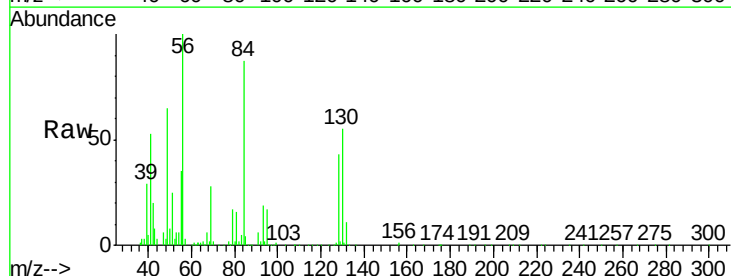
Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	268.6
98	68.0	0.0	135.8

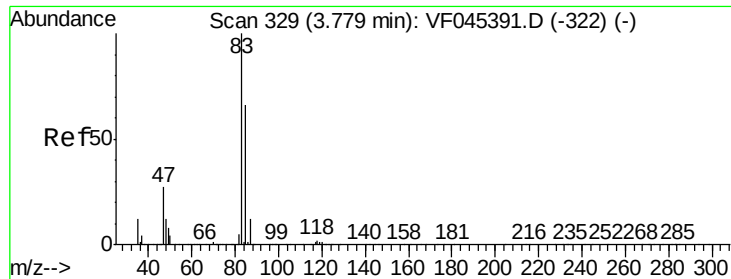


#28

Bromochloromethane
Concen: 22.36 ug/l
RT: 3.64 min Scan# 315
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.6	0.0	0.0#
130	85.1	79.6	119.4





#29

Chloroform

Concen: 18.94 ug/l

RT: 3.79 min Scan# 330

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

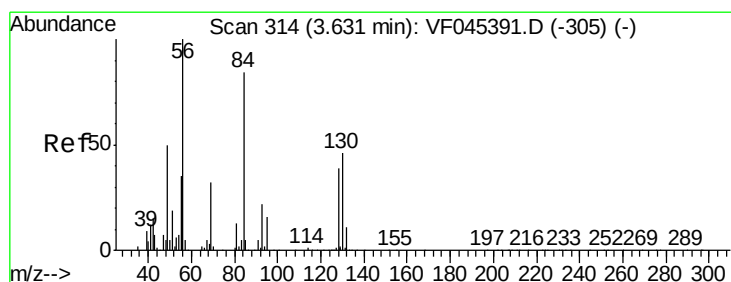
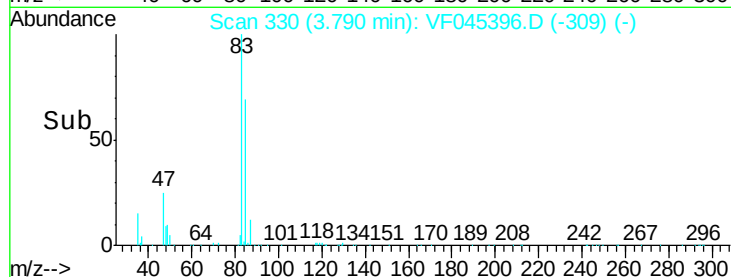
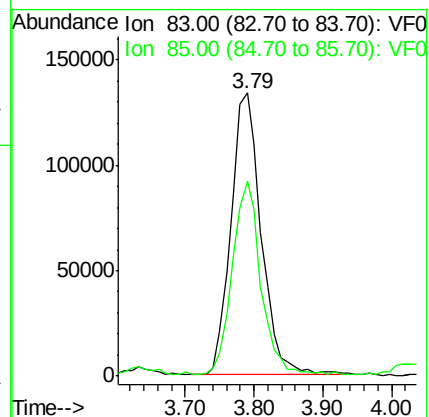
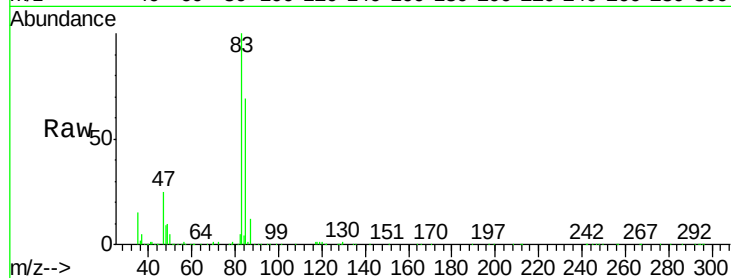
VF0916SBS01

Tgt Ion: 83 Resp: 405857

Ion Ratio Lower Upper

83 100

85 68.8 51.6 77.4



#30

Cyclohexane

Concen: 21.89 ug/l

RT: 3.64 min Scan# 315

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

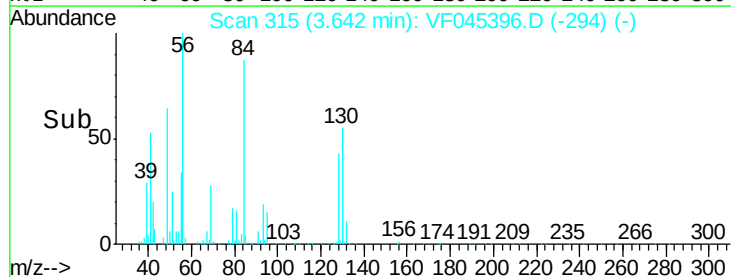
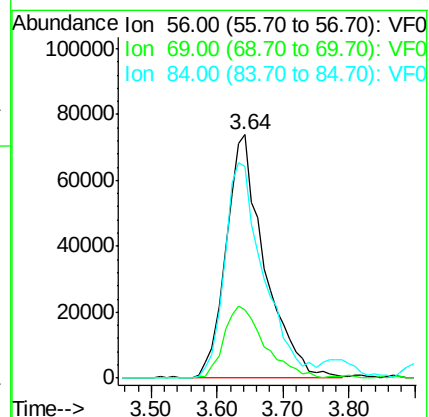
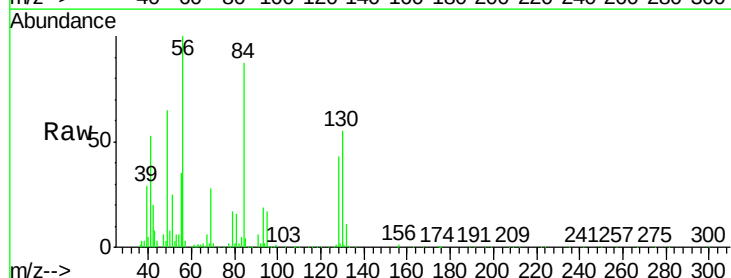
Tgt Ion: 56 Resp: 301152

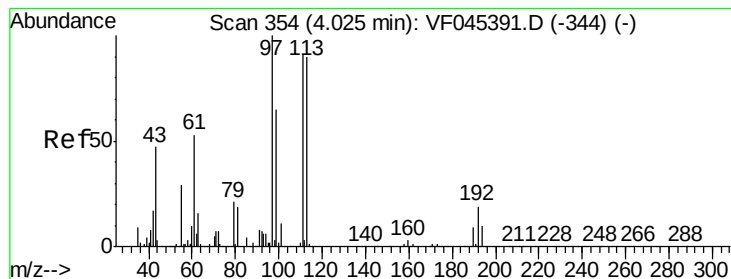
Ion Ratio Lower Upper

56 100

69 27.8 26.1 39.1

84 86.9 72.2 108.4





#31

1,1,1-Trichloroethane

Concen: 18.72 ug/l

RT: 4.03 min Scan# 354

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

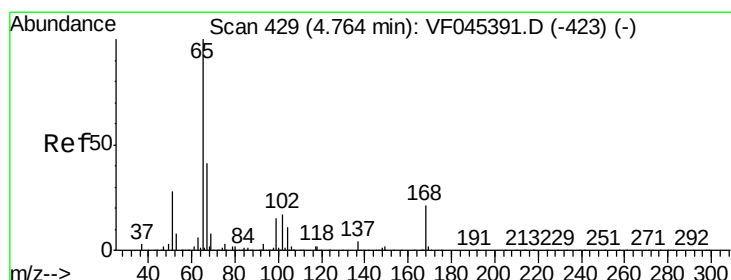
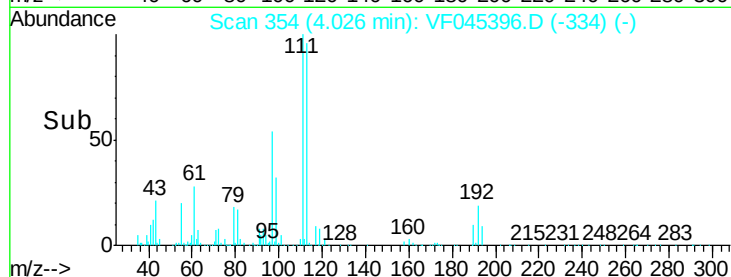
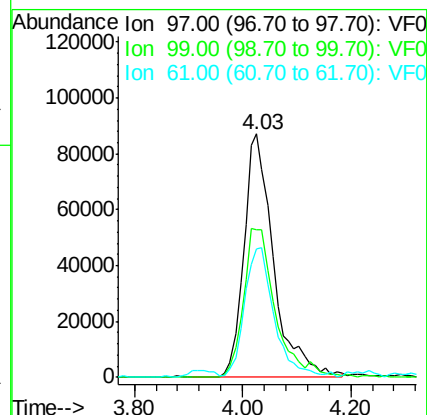
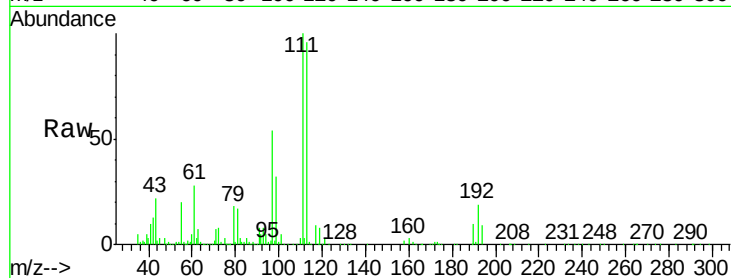
Tgt Ion: 97 Resp: 332279

Ion Ratio Lower Upper

97 100

99 60.5 51.1 76.7

61 52.8 37.8 56.6



#32

1,2-Dichloroethane-d4

Concen: 45.86 ug/l

RT: 4.77 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF045396.D

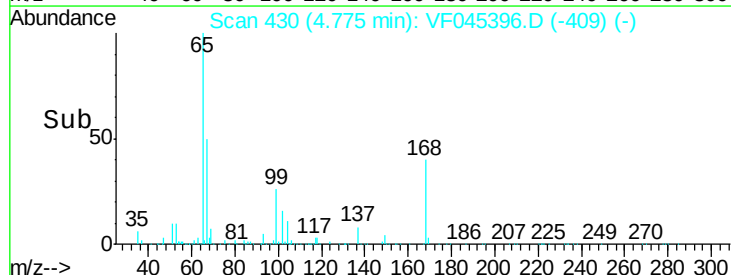
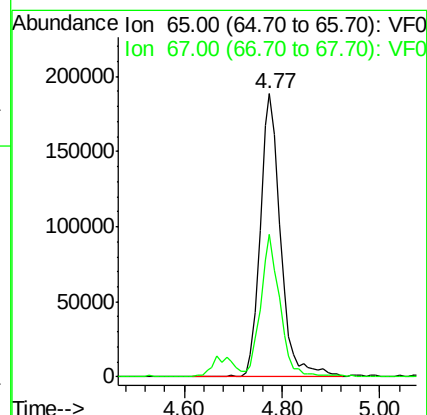
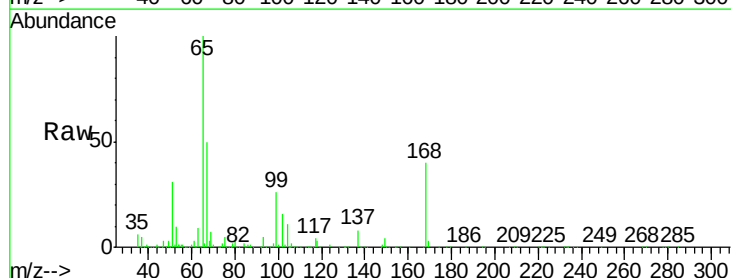
Acq: 16 Sep 2015 18:12

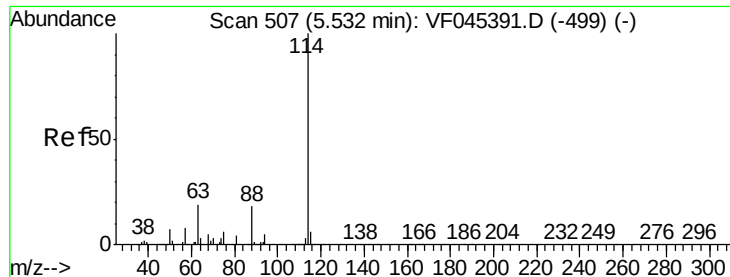
Tgt Ion: 65 Resp: 547081

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.2

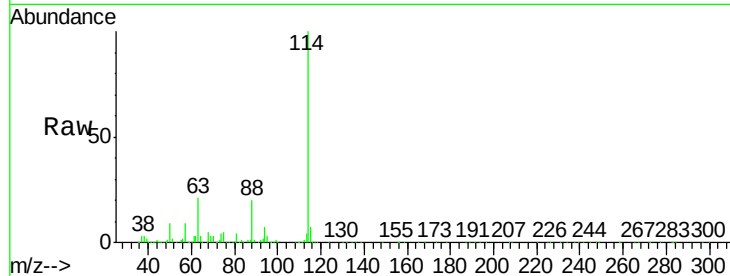




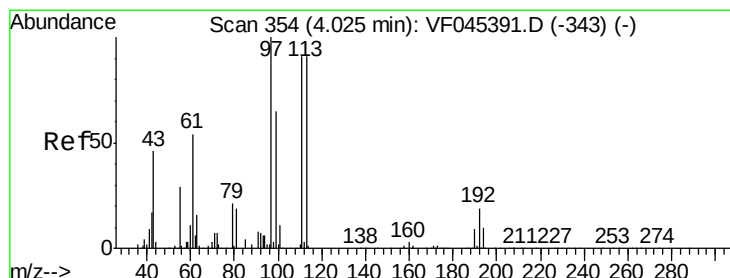
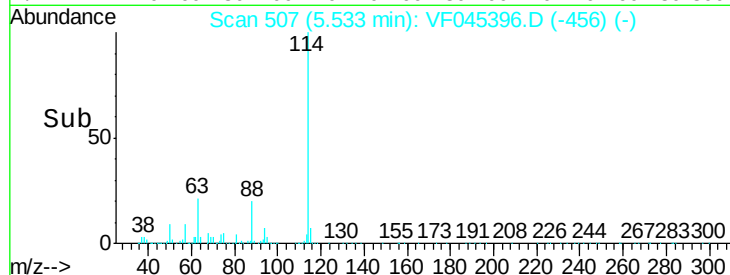
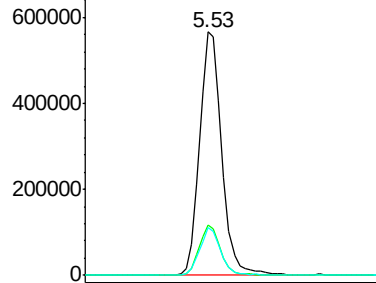
#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBS01

Tgt Ion:114 Resp: 1614935
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.2
 88 19.6 0.0 37.0

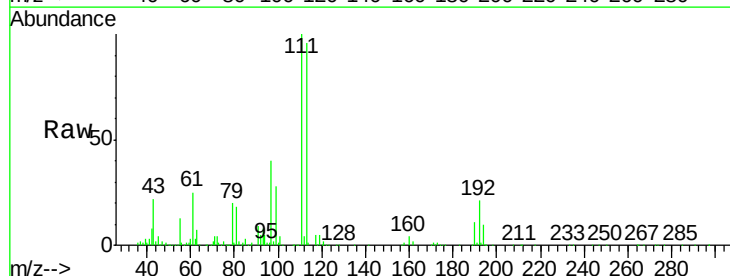


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

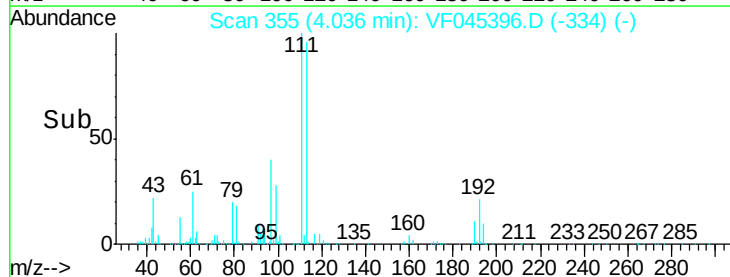
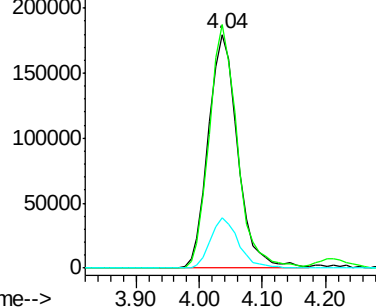


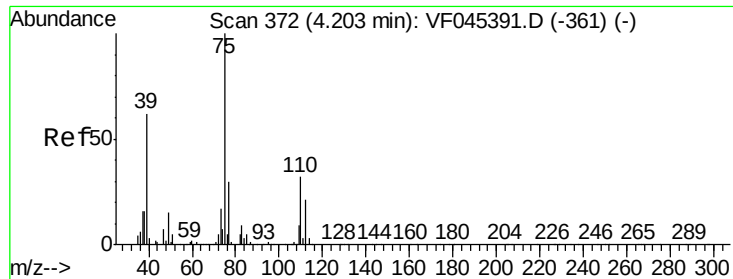
#34
 Dibromofluoromethane
 Concen: 46.14 ug/l
 RT: 4.04 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

Tgt Ion:113 Resp: 577245
 Ion Ratio Lower Upper
 113 100
 111 104.2 75.5 113.3
 192 21.5 15.6 23.4



Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

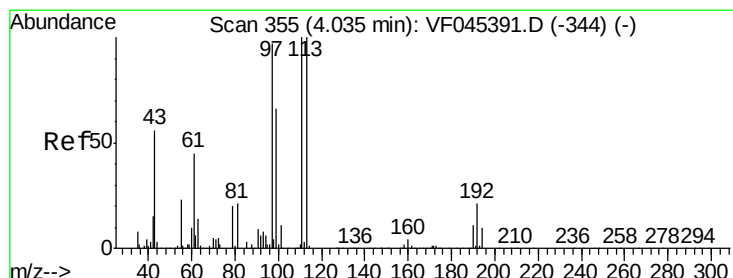
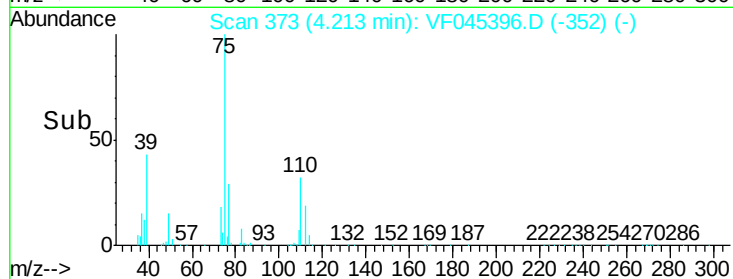
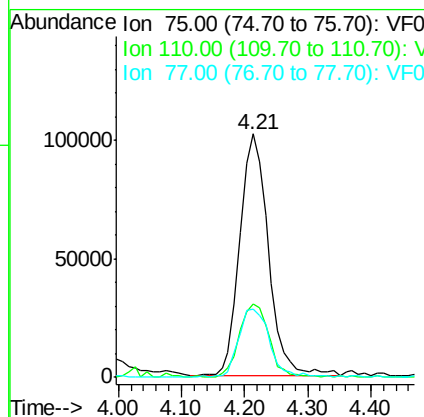
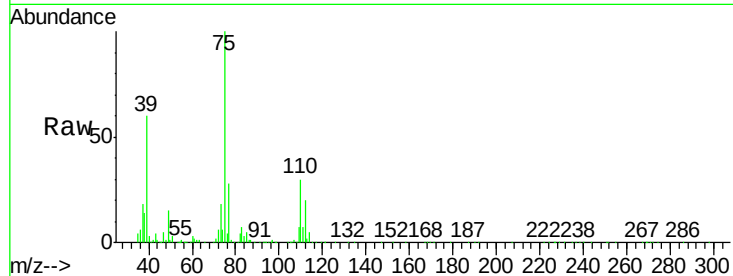




#35
 1,1-Dichloropropene
 Concen: 20.99 ug/l
 RT: 4.21 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

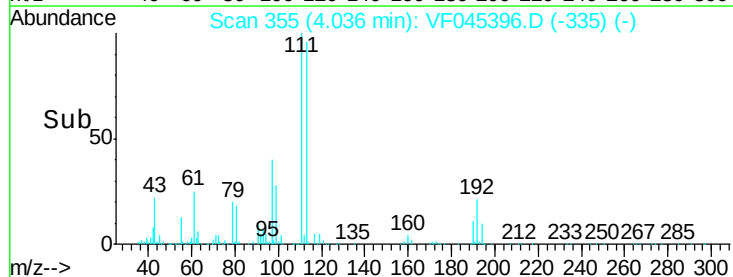
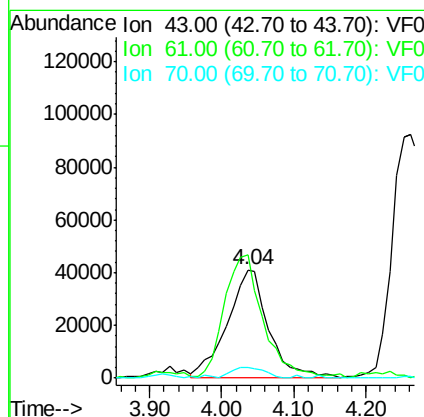
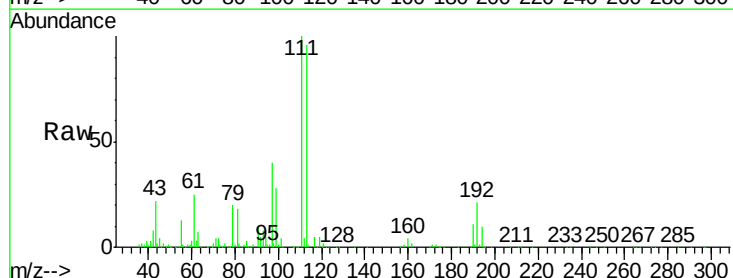
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBS01

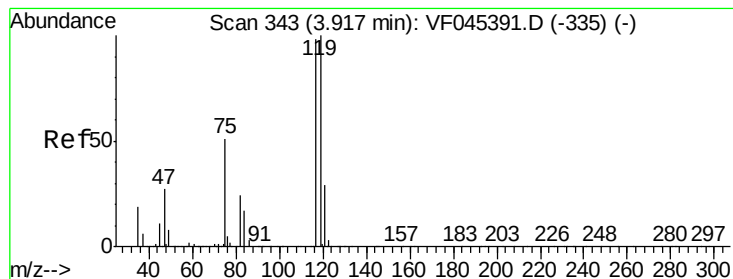
Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.4	15.9	47.6
77	28.0	24.2	36.4



#36
 Ethyl Acetate
 Concen: 20.55 ug/l
 RT: 4.04 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
43	100		
61	113.5	49.4	74.0#
70	9.3	10.8	16.2#





#37

Carbon Tetrachloride

Concen: 18.55 ug/l

RT: 3.93 min Scan# 344

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

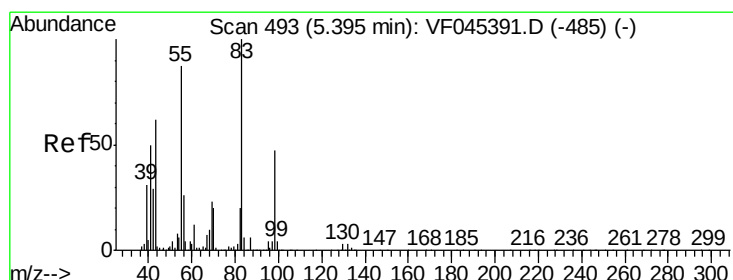
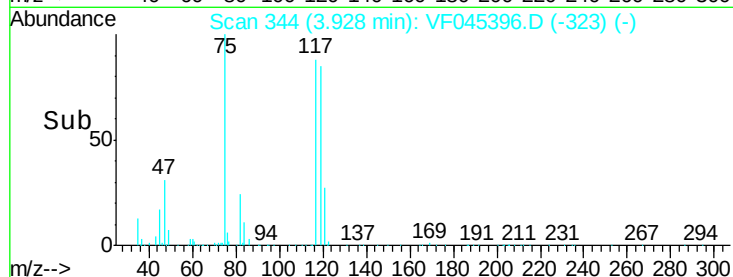
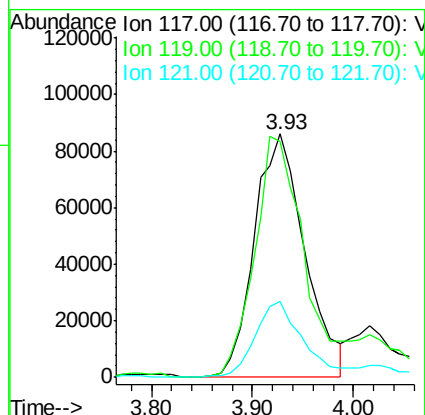
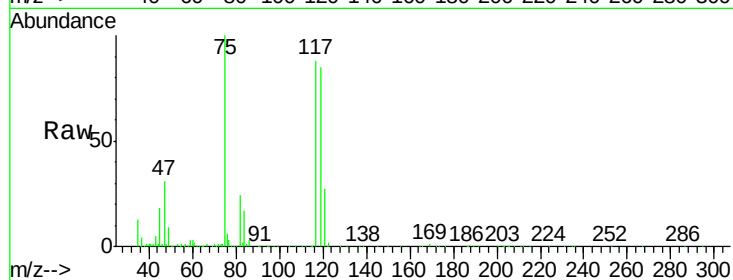
Tgt Ion:117 Resp: 299304

Ion Ratio Lower Upper

117 100

119 96.9 77.8 116.8

121 31.0 25.4 38.0



#38

Methylcyclohexane

Concen: 20.26 ug/l

RT: 5.41 min Scan# 494

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

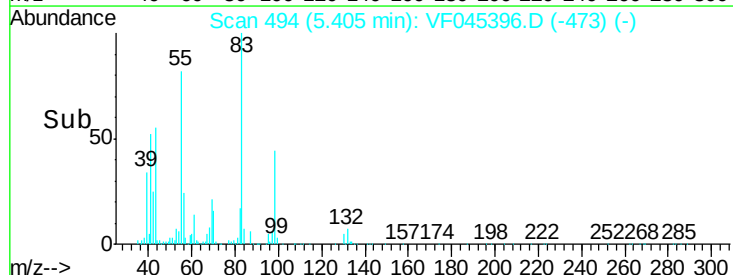
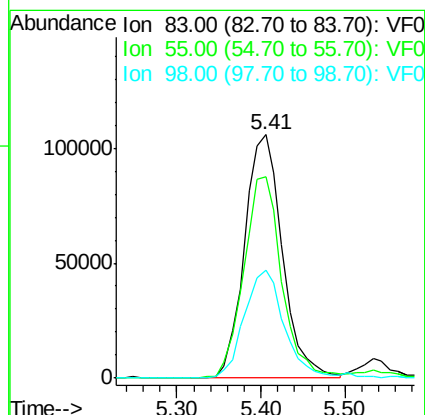
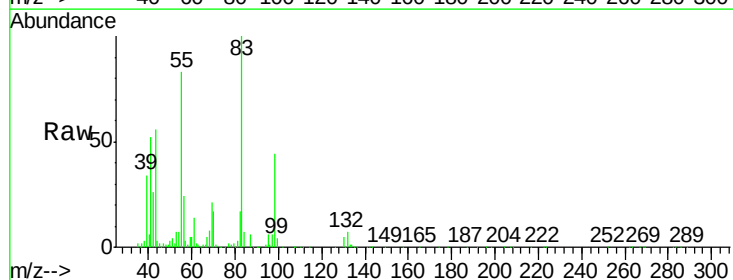
Tgt Ion: 83 Resp: 333628

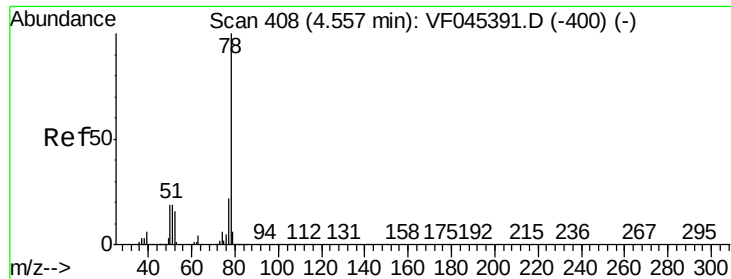
Ion Ratio Lower Upper

83 100

55 82.6 60.5 90.7

98 44.1 38.1 57.1





#39

Benzene

Concen: 21.09 ug/l

RT: 4.57 min Scan# 409

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

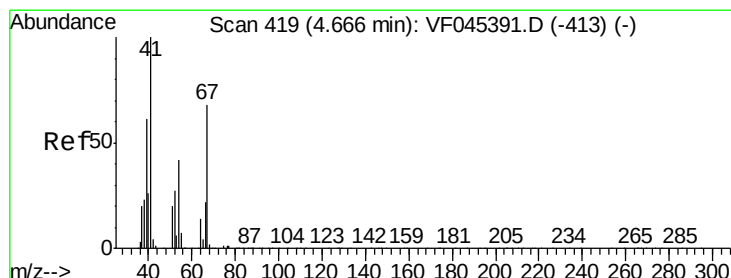
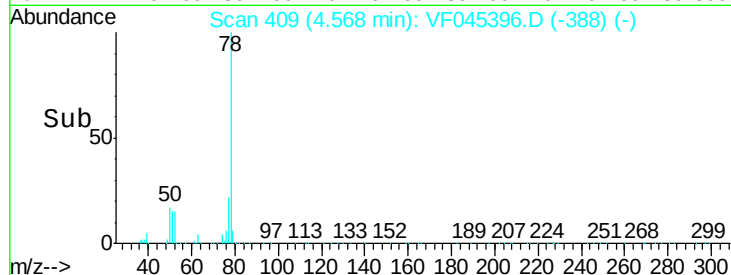
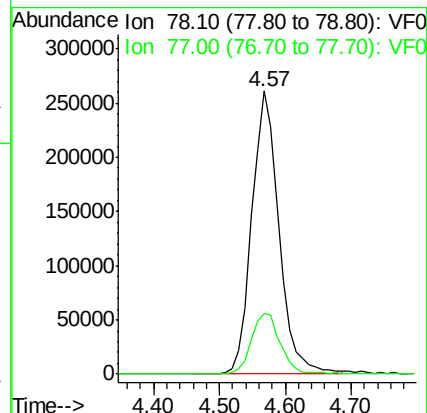
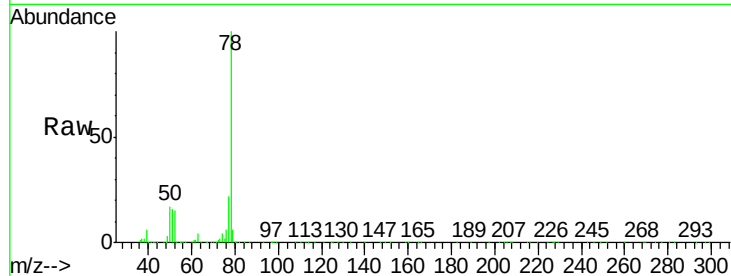
VF0916SBS01

Tgt Ion: 78 Resp: 755485

Ion Ratio Lower Upper

78 100

77 21.6 18.6 28.0



#40

Methacrylonitrile

Concen: 20.23 ug/l

RT: 4.68 min Scan# 420

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Tgt Ion: 41 Resp: 74217

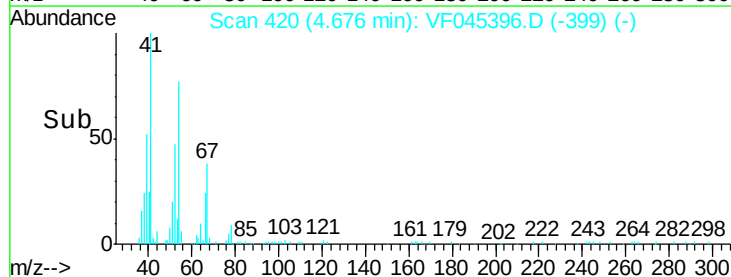
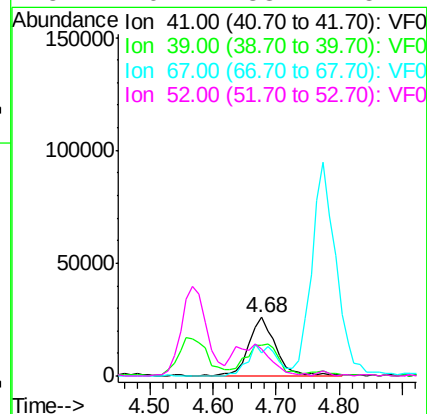
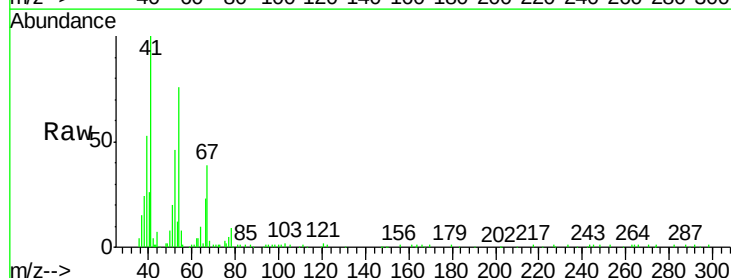
Ion Ratio Lower Upper

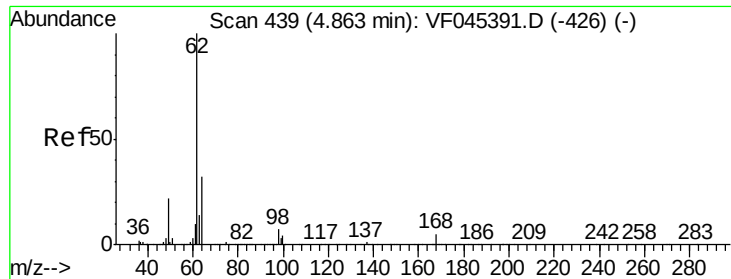
41 100

39 52.8 44.9 67.3

67 38.5 49.0 73.4#

52 46.4 38.2 57.2





#41

1,2-Dichloroethane

Concen: 19.01 ug/l

RT: 4.87 min Scan# 440

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

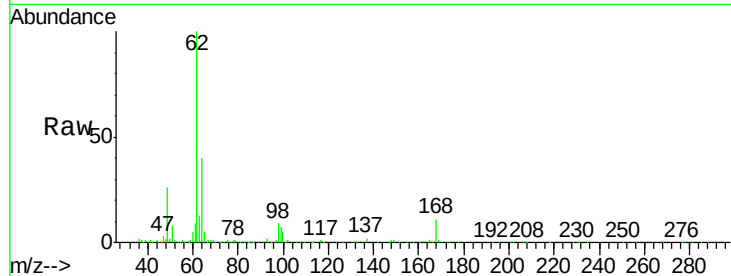
VF0916SBS01

Tgt Ion: 62 Resp: 274727

Ion Ratio Lower Upper

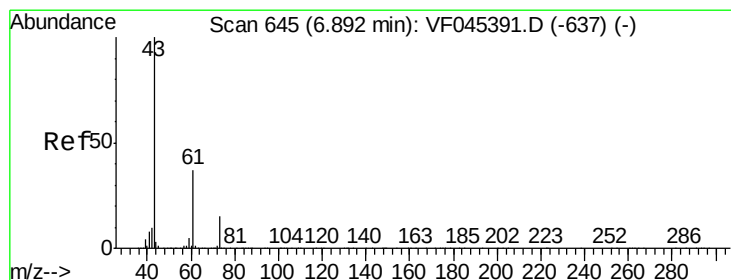
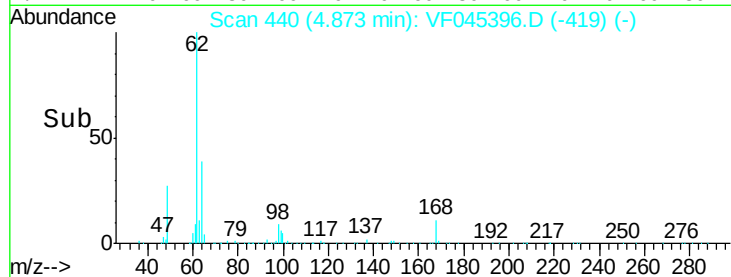
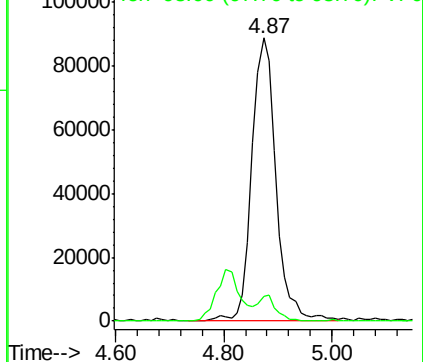
62 100

98 8.8 0.0 17.0



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#42

Isopropyl Acetate

Concen: 21.33 ug/l

RT: 6.90 min Scan# 646

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

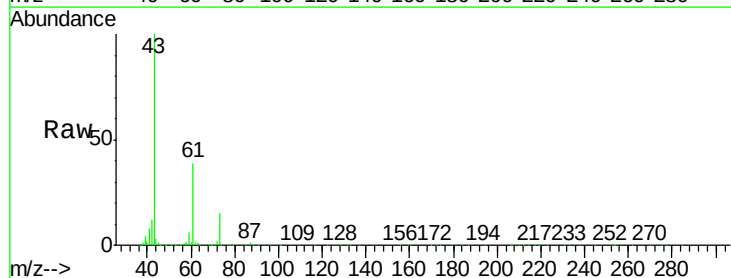
Tgt Ion: 43 Resp: 217853

Ion Ratio Lower Upper

43 100

61 39.1 29.8 44.6

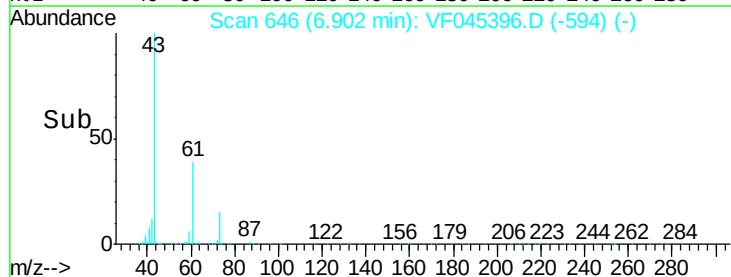
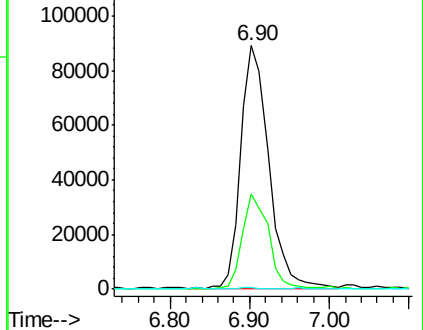
87 0.8 0.2 0.2#

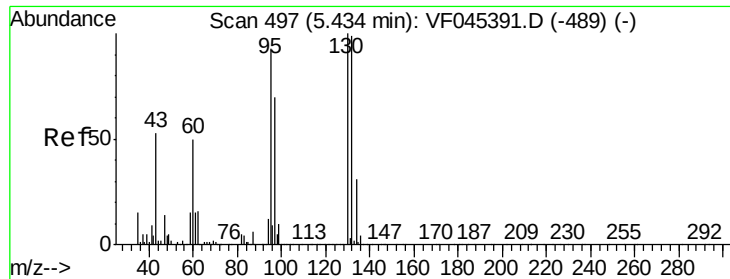


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#43

Trichloroethene

Concen: 20.36 ug/l

RT: 5.44 min Scan# 498

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

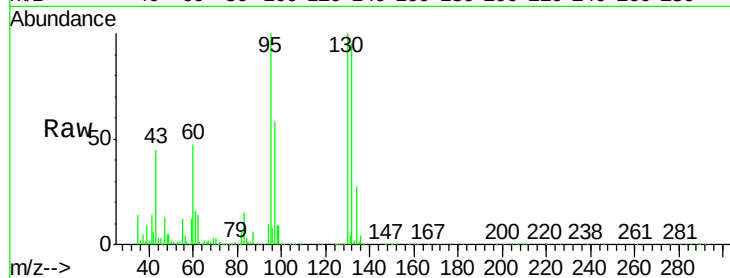
VF0916SBS01

Tgt Ion:130 Resp: 249003

Ion Ratio Lower Upper

130 100

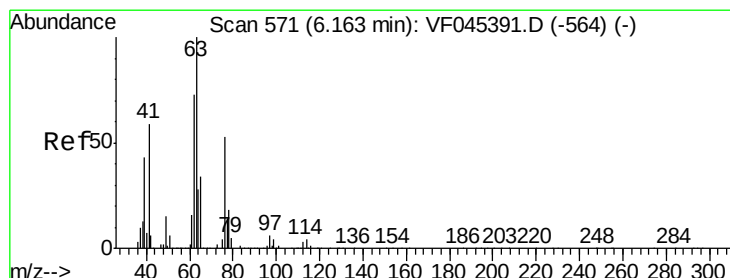
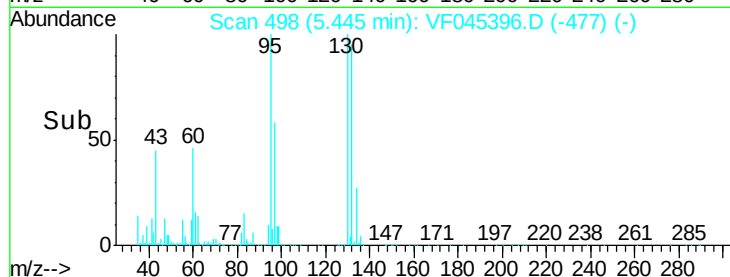
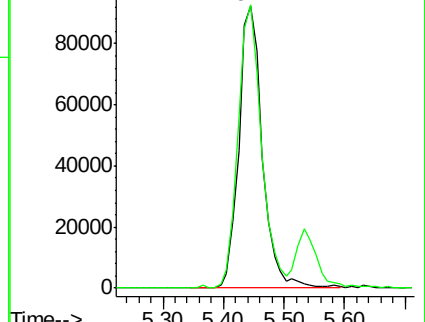
95 100.2 0.0 192.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

5.44



#44

1,2-Dichloropropane

Concen: 19.50 ug/l

RT: 6.17 min Scan# 572

Delta R.T. 0.01 min

Lab File: VF045396.D

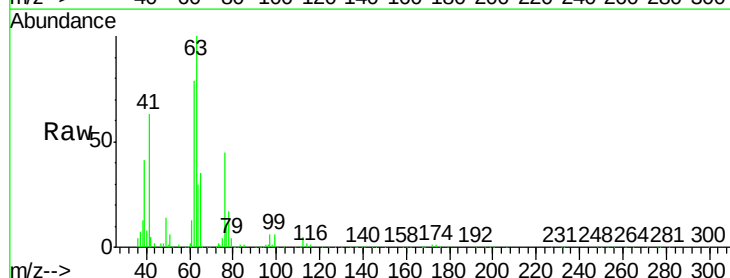
Acq: 16 Sep 2015 18:12

Tgt Ion: 63 Resp: 203510

Ion Ratio Lower Upper

63 100

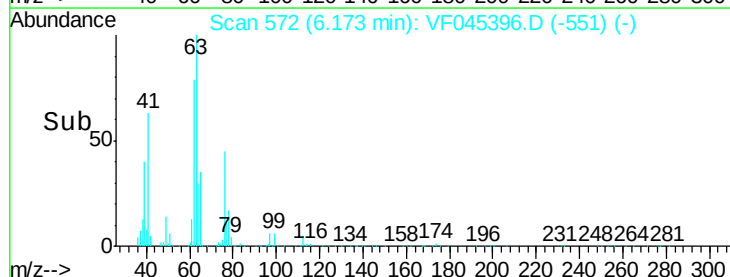
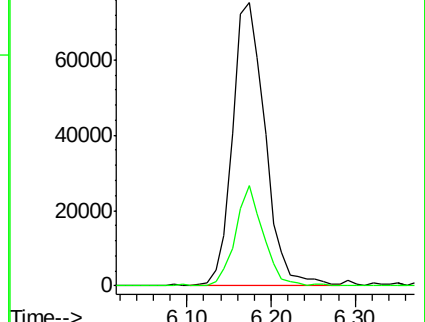
65 35.4 25.6 38.4

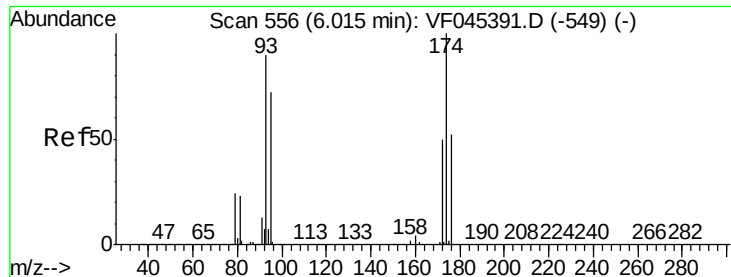


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.17





#45

Dibromomethane

Concen: 18.91 ug/l

RT: 6.02 min Scan# 556

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

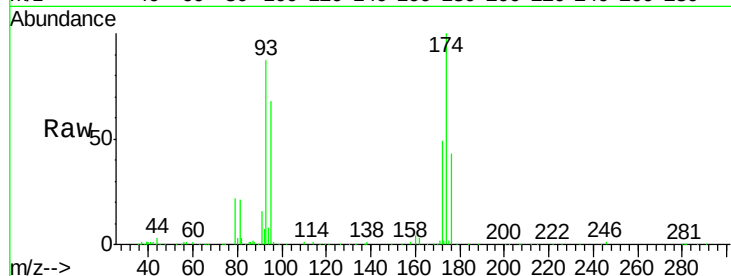
Tgt Ion: 93 Resp: 140391

Ion Ratio Lower Upper

93 100

95 78.1 69.8 104.6

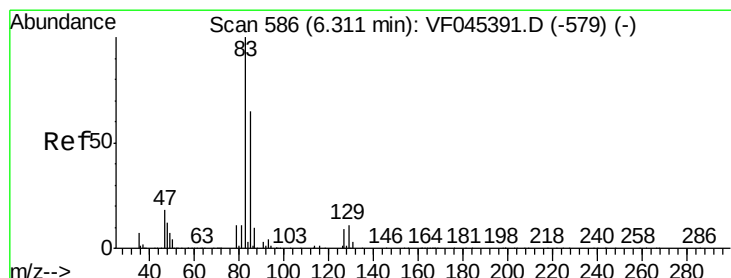
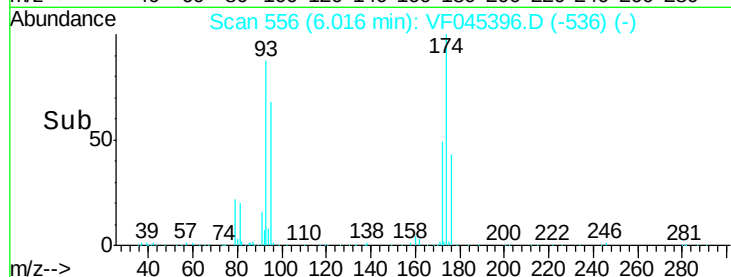
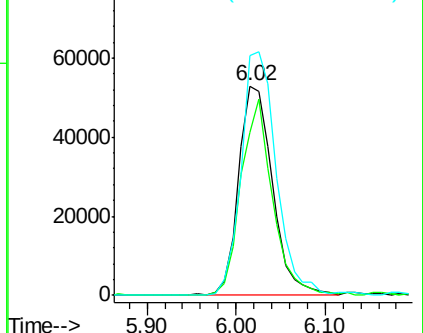
174 114.6 90.5 135.7



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



#46

Bromodichloromethane

Concen: 18.53 ug/l

RT: 6.32 min Scan# 587

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

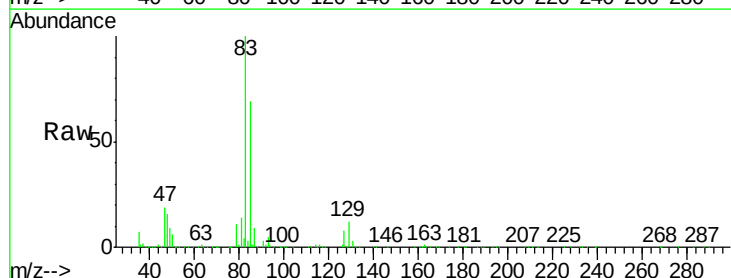
Tgt Ion: 83 Resp: 308064

Ion Ratio Lower Upper

83 100

85 69.5 50.6 75.8

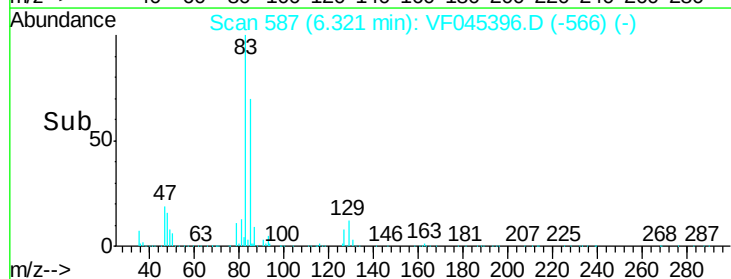
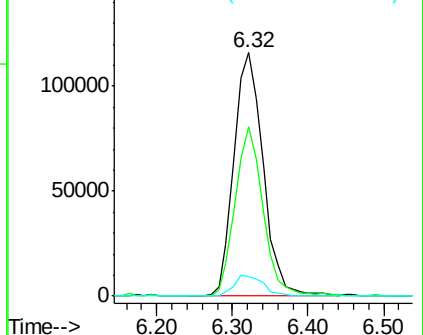
127 8.2 7.7 11.5

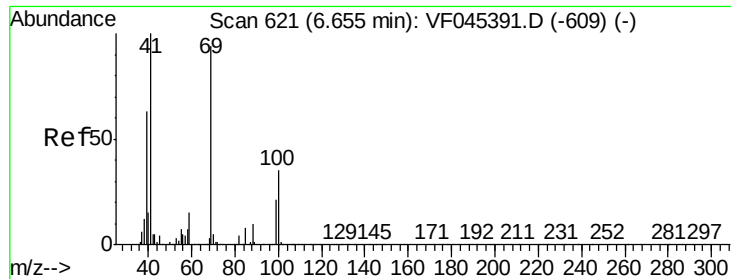


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V

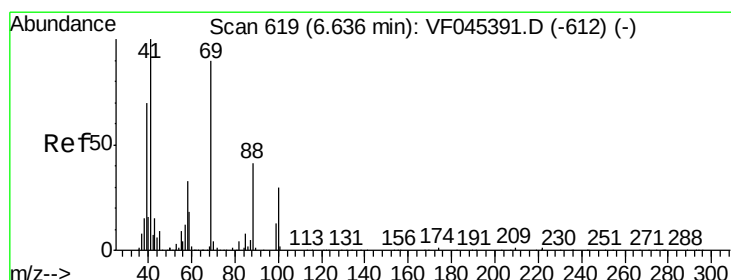
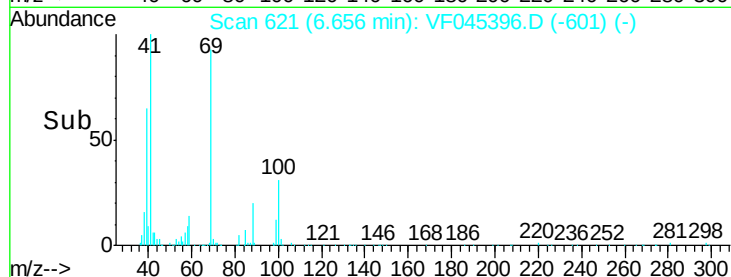
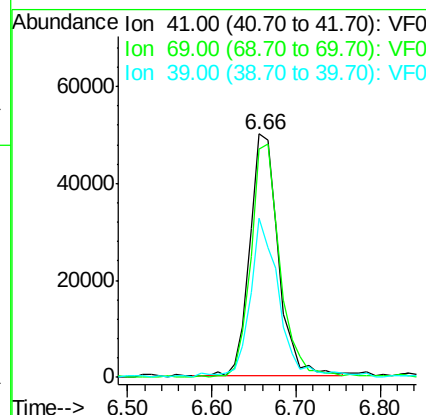
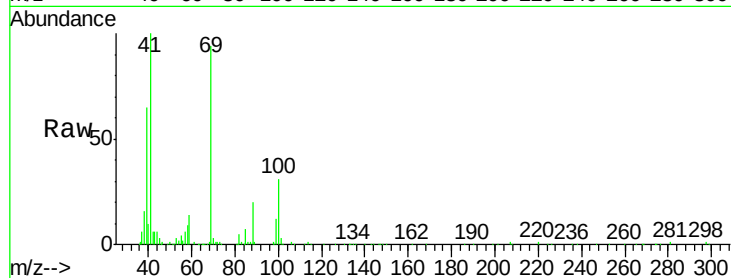




#47
Methyl methacrylate
Concen: 19.10 ug/l
RT: 6.66 min Scan# 621
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

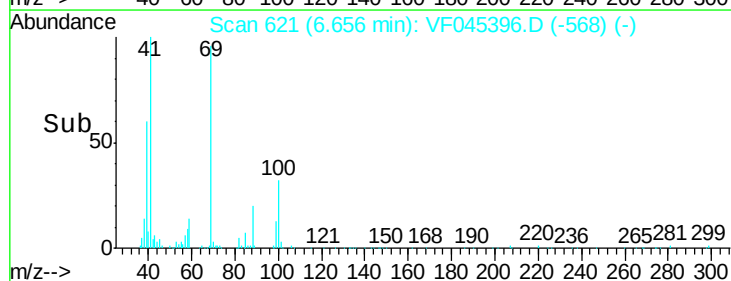
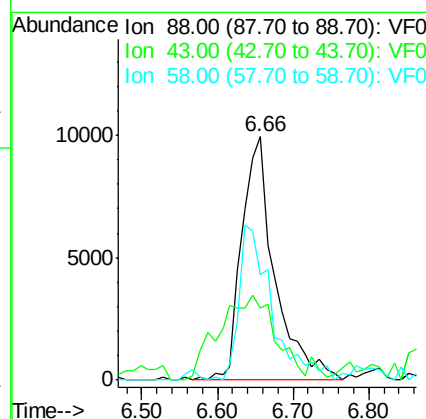
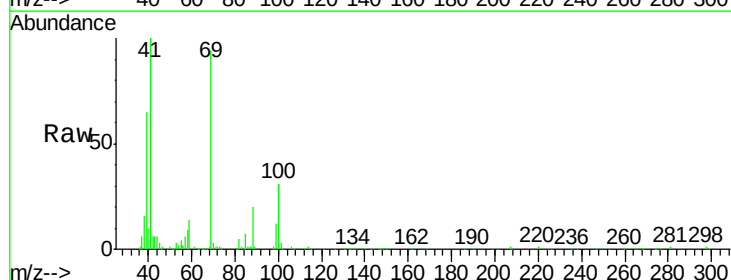
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

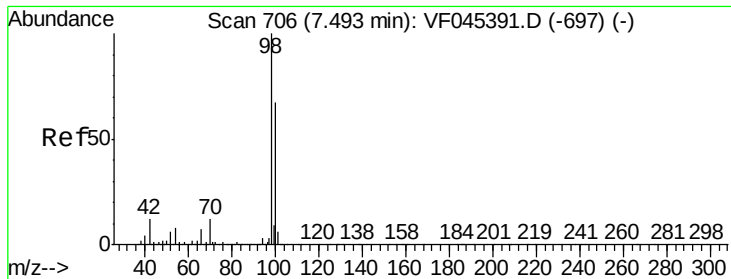
Tgt Ion:	41	Resp:	118415
Ion	Ratio	Lower	Upper
41	100		
69	93.6	63.3	94.9
39	65.2	48.9	73.3



#48
1,4-Dioxane
Concen: 402.72 ug/l
RT: 6.66 min Scan# 621
Delta R.T. 0.02 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion:	88	Resp:	29906
Ion	Ratio	Lower	Upper
88	100		
43	29.7	34.5	51.7#
58	43.4	46.5	69.7#





#49

Toluene-d8

Concen: 47.80 ug/l

RT: 7.49 min Scan# 706

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

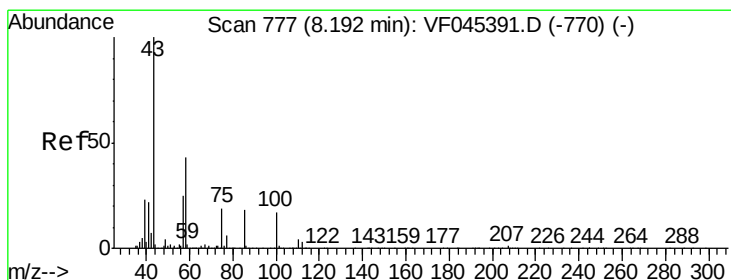
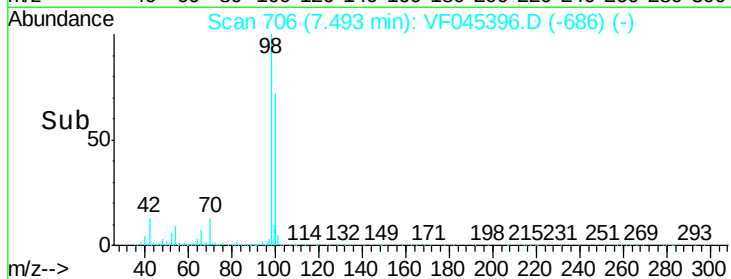
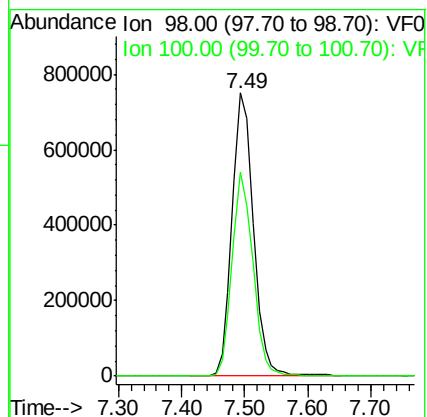
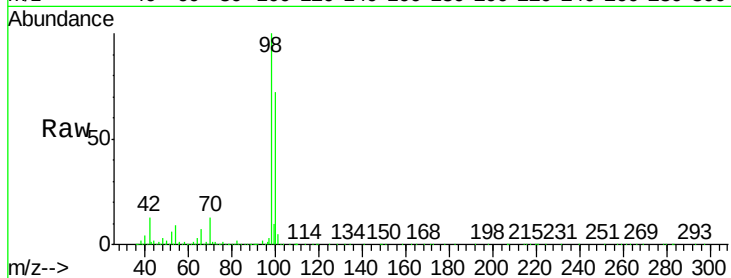
VF0916SBS01

Tgt Ion: 98 Resp: 1761567

Ion Ratio Lower Upper

98 100

100 71.9 54.4 81.6



#50

4-Methyl-2-Pentanone

Concen: 105.44 ug/l

RT: 8.20 min Scan# 778

Delta R.T. 0.01 min

Lab File: VF045396.D

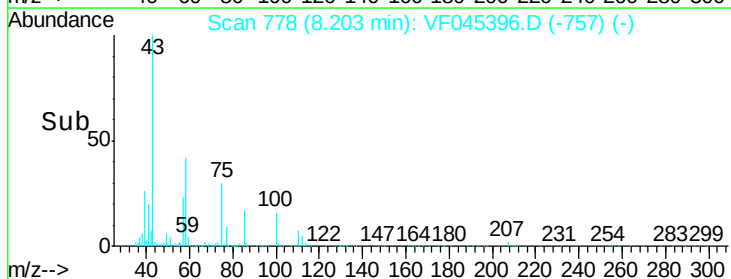
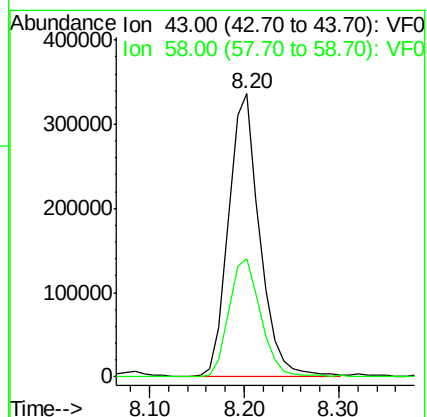
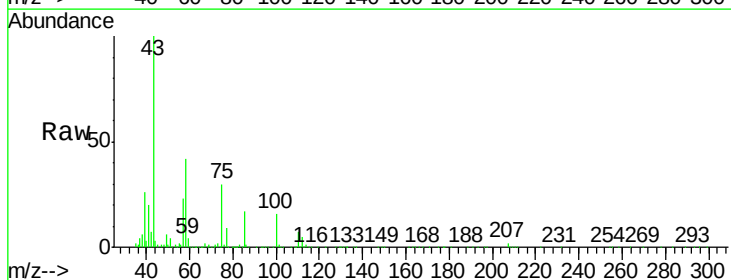
Acq: 16 Sep 2015 18:12

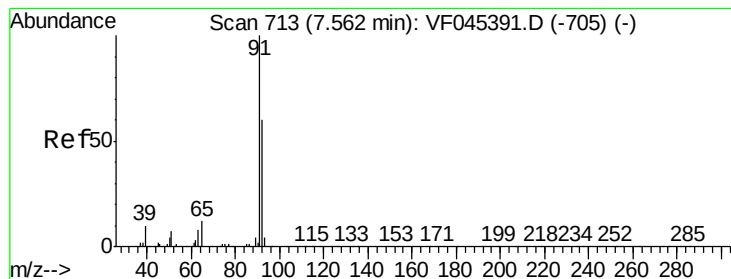
Tgt Ion: 43 Resp: 765816

Ion Ratio Lower Upper

43 100

58 41.8 33.6 50.4





#51

Toluene

Concen: 21.47 ug/l

RT: 7.56 min Scan# 713

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

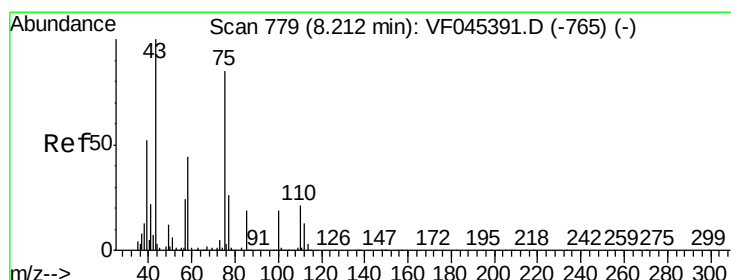
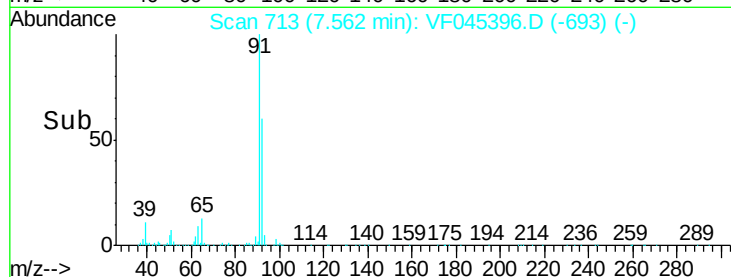
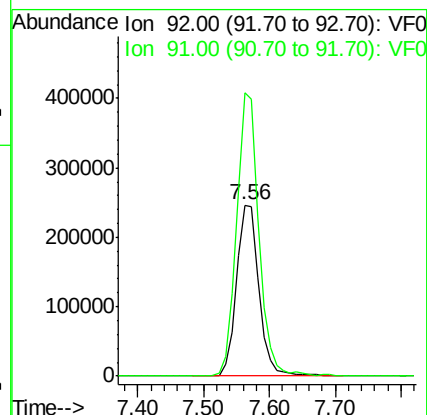
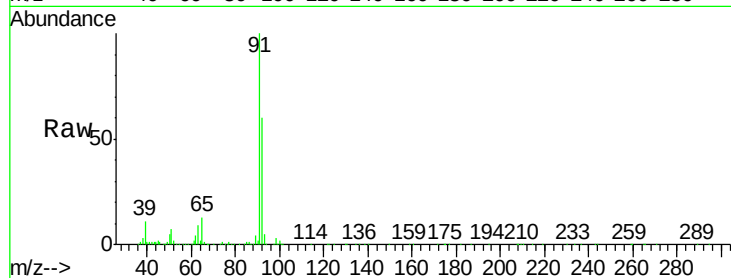
VF0916SBS01

Tgt Ion: 92 Resp: 592605

Ion Ratio Lower Upper

92 100

91 165.8 133.4 200.0



#52

t-1,3-Dichloropropene

Concen: 19.84 ug/l

RT: 8.21 min Scan# 779

Delta R.T. 0.00 min

Lab File: VF045396.D

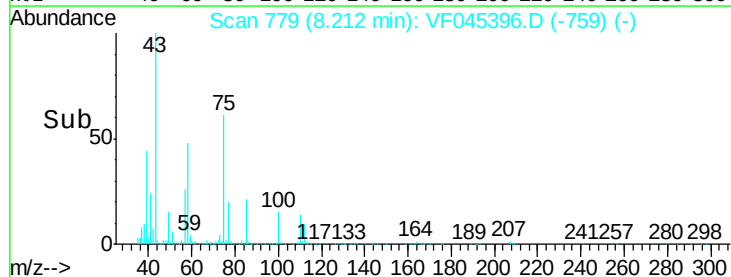
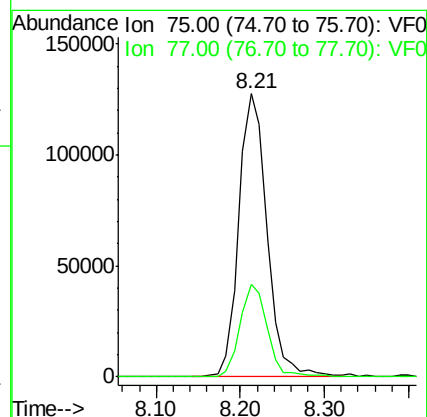
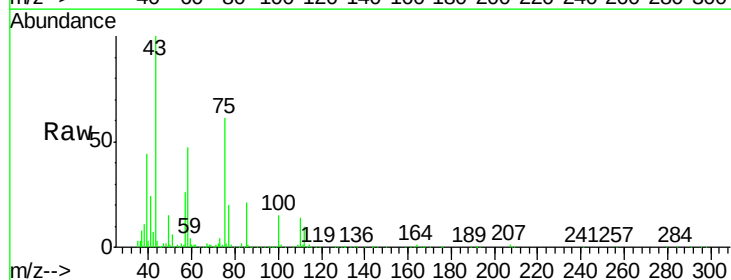
Acq: 16 Sep 2015 18:12

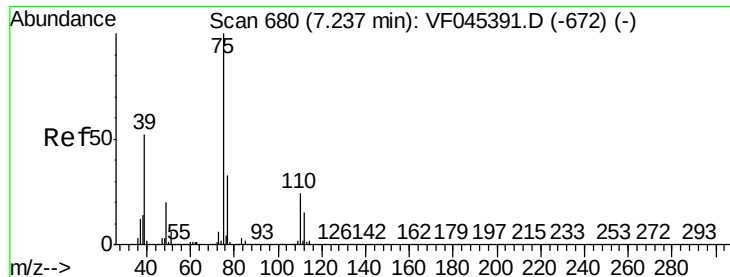
Tgt Ion: 75 Resp: 296569

Ion Ratio Lower Upper

75 100

77 32.8 28.1 42.1





#53

cis-1,3-Dichloropropene

Concen: 19.65 ug/l

RT: 7.24 min Scan# 680

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

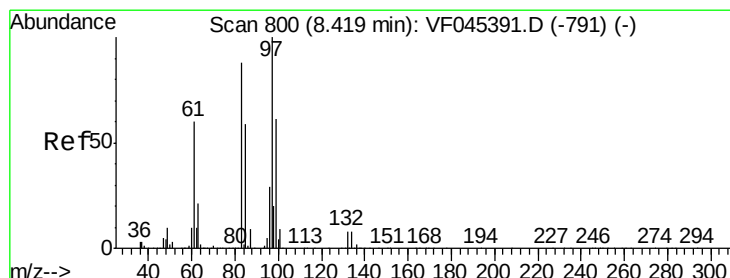
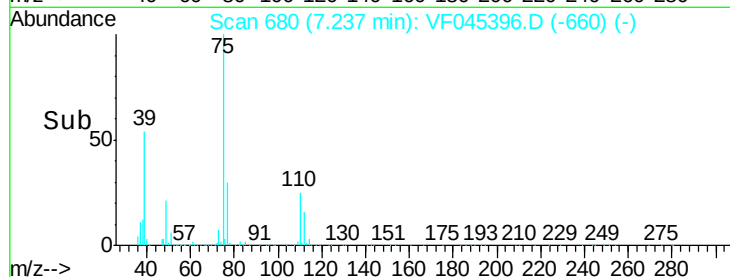
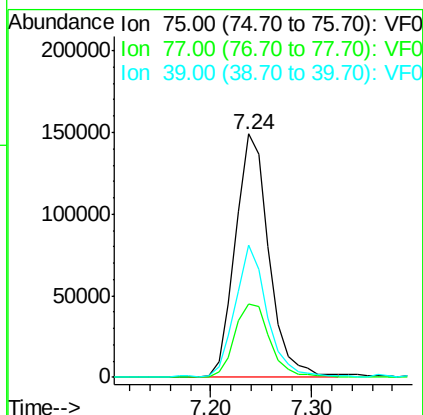
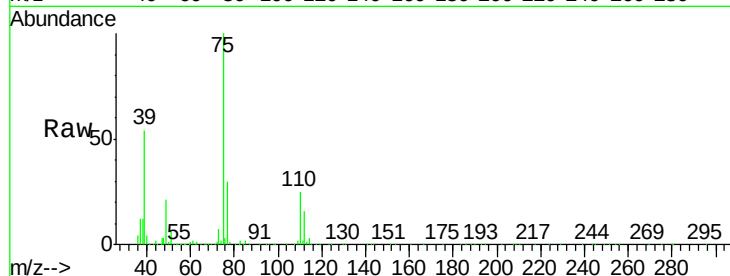
Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

Tgt Ion:	75	Resp:	346754
Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.5	38.3
39	54.1	41.6	62.4



#54

1,1,2-Trichloroethane

Concen: 19.89 ug/l

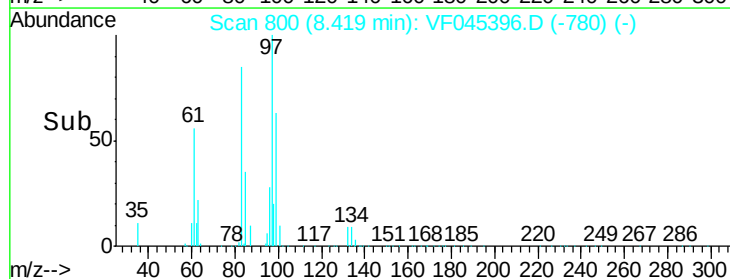
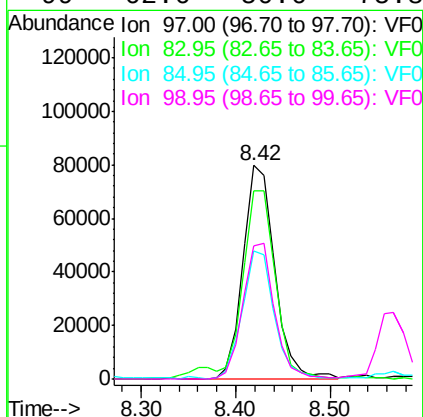
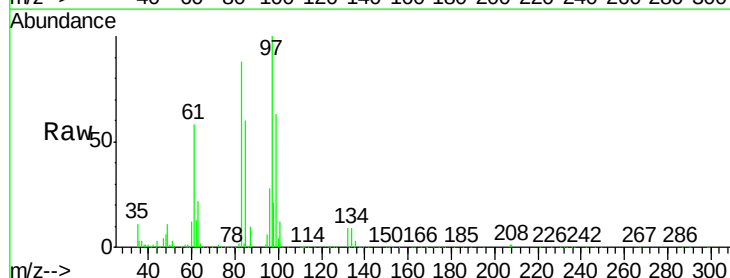
RT: 8.42 min Scan# 800

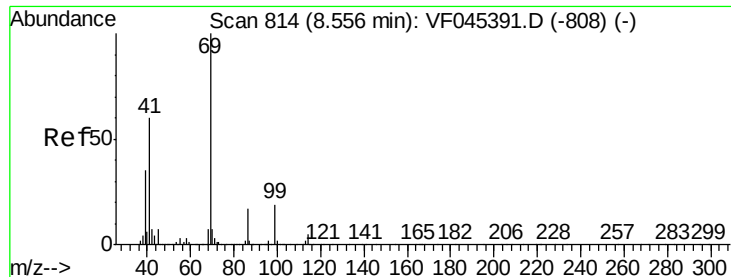
Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Tgt Ion:	97	Resp:	185672
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.1	105.1
85	59.7	47.4	71.2
99	62.6	50.6	75.8





#55

Ethyl methacrylate

Concen: 21.24 ug/l

RT: 8.57 min Scan# 815

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

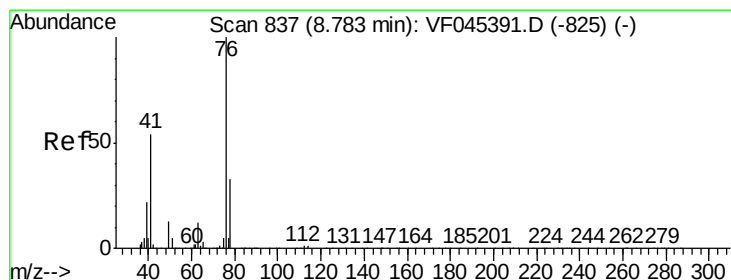
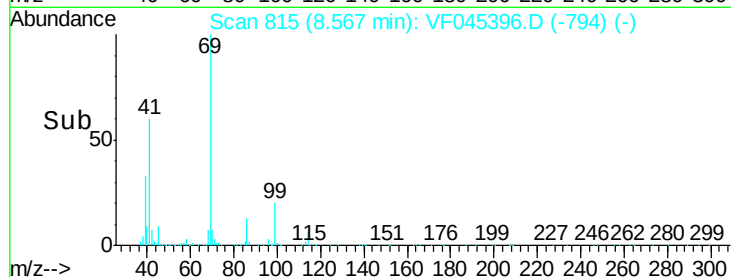
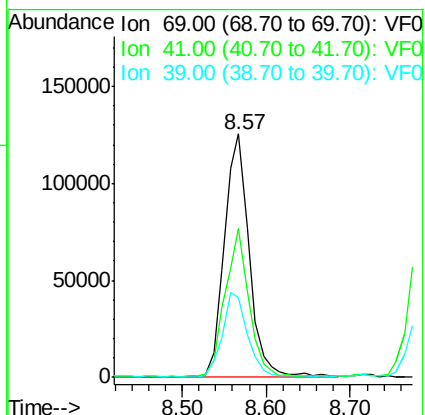
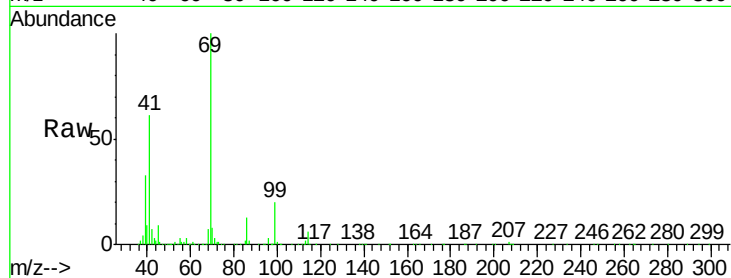
Tgt Ion: 69 Resp: 257955

Ion Ratio Lower Upper

69 100

41 61.0 51.0 76.4

39 33.0 29.1 43.7



#56

1,3-Dichloropropane

Concen: 21.04 ug/l

RT: 8.78 min Scan# 837

Delta R.T. 0.00 min

Lab File: VF045396.D

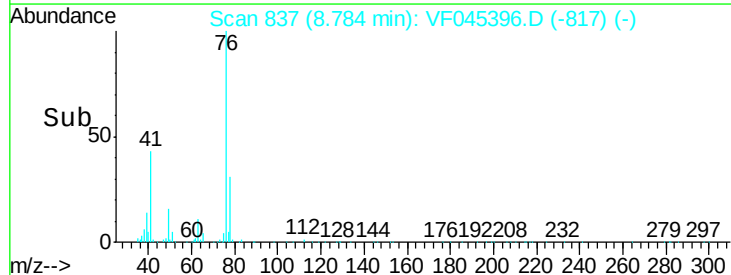
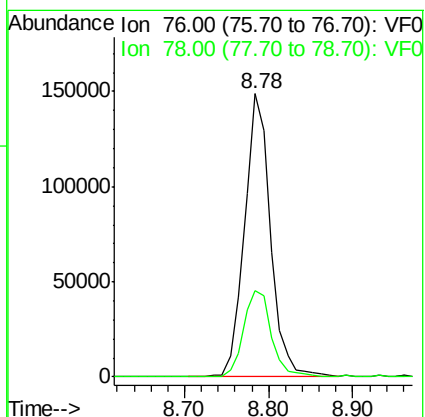
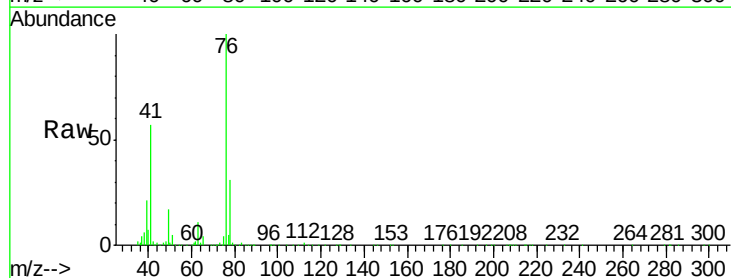
Acq: 16 Sep 2015 18:12

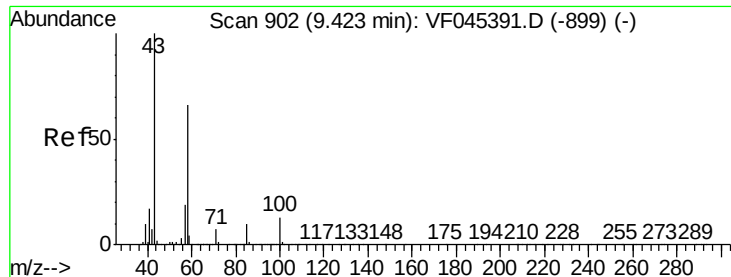
Tgt Ion: 76 Resp: 320429

Ion Ratio Lower Upper

76 100

78 30.7 26.1 39.1

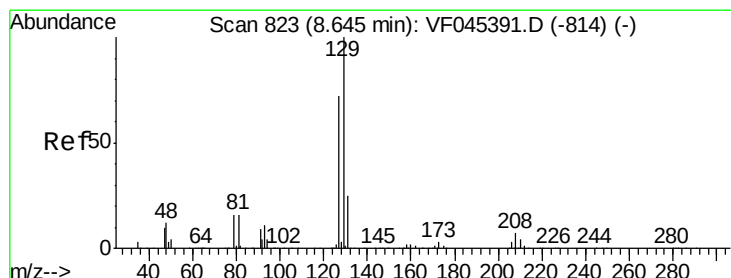
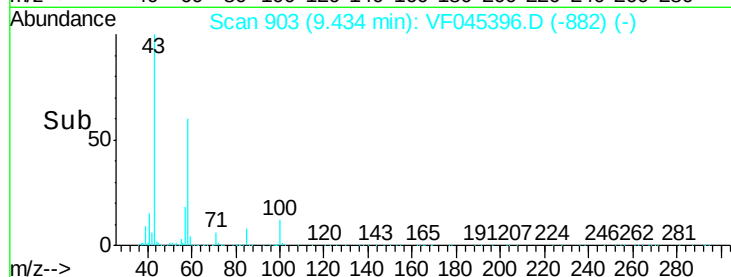
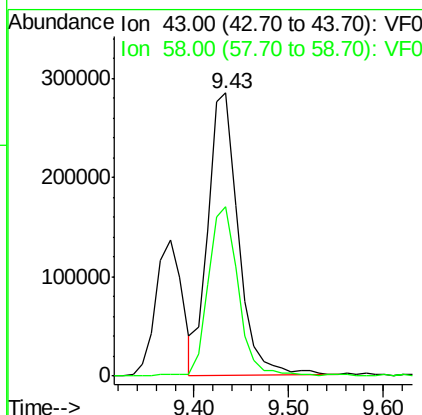
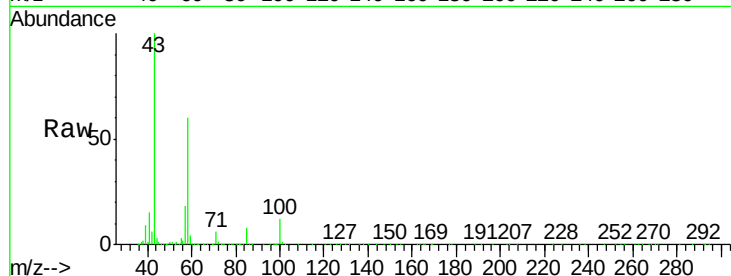




#58
2-Hexanone
Concen: 108.69 ug/l
RT: 9.43 min Scan# 903
Delta R.T. 0.01 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

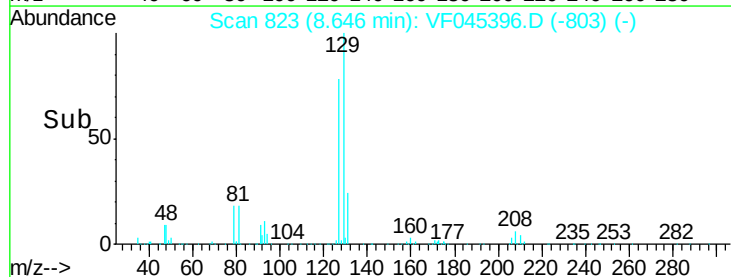
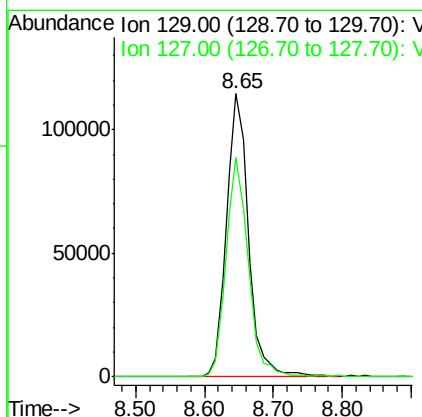
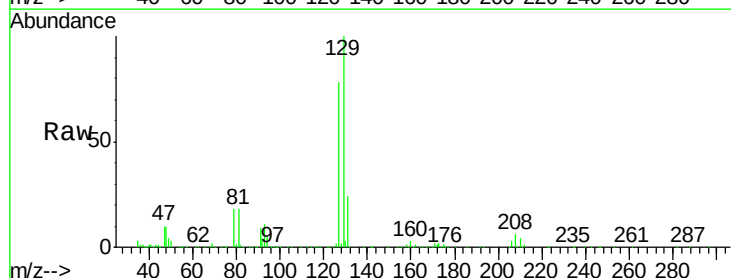
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

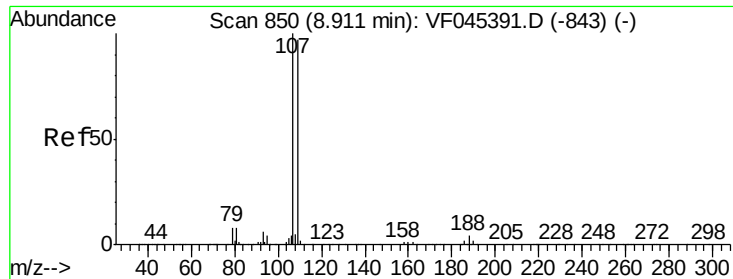
Tgt Ion: 43 Resp: 628336
Ion Ratio Lower Upper
43 100
58 60.1 28.8 86.5



#59
Dibromochloromethane
Concen: 19.20 ug/l
RT: 8.65 min Scan# 823
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion: 129 Resp: 254008
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6

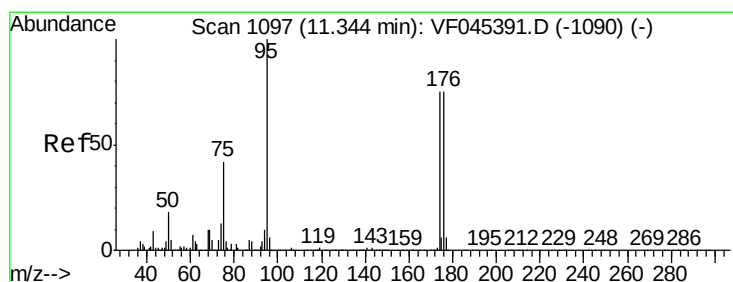
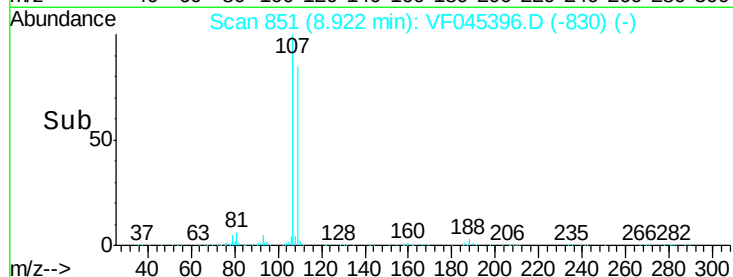
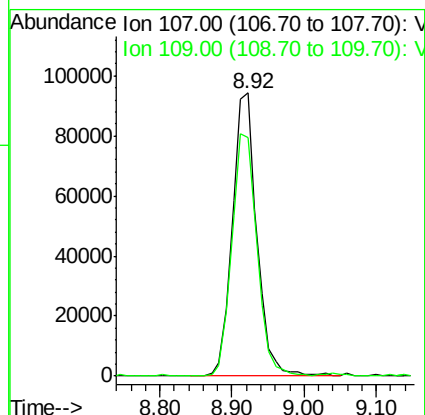
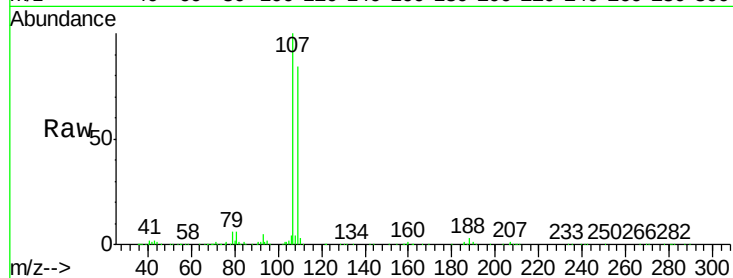




#60
 1,2-Dibromoethane
 Concen: 21.09 ug/l
 RT: 8.92 min Scan# 851
 Delta R.T. 0.01 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

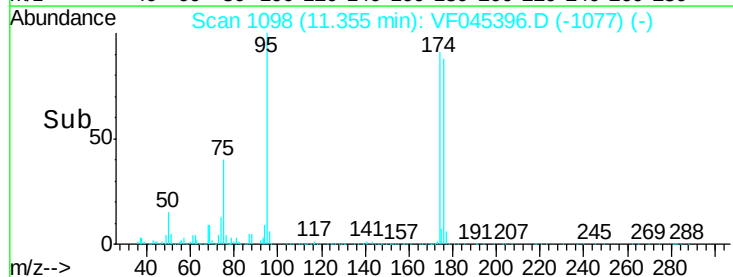
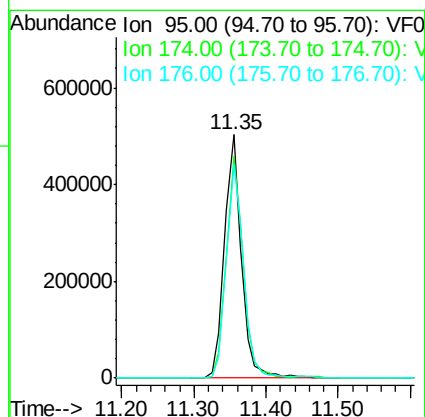
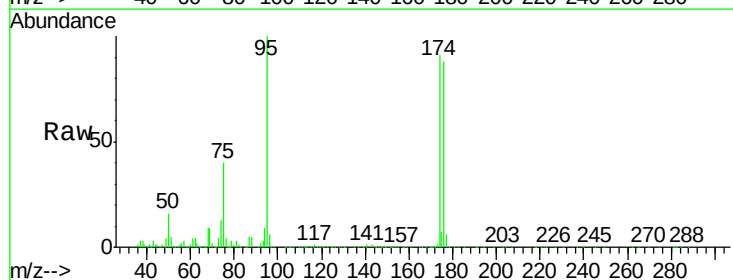
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBS01

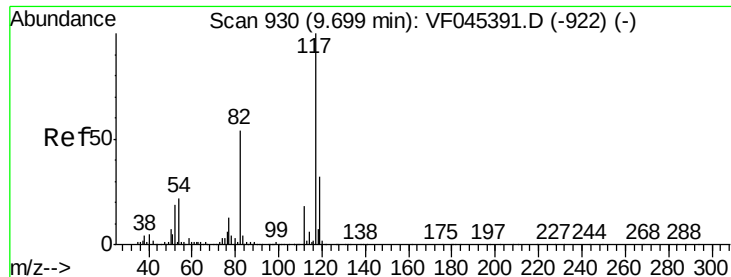
Tgt Ion: 107 Resp: 223458
 Ion Ratio Lower Upper
 107 100
 109 84.4 79.4 119.0



#61
 4-Bromofluorobenzene
 Concen: 46.25 ug/l
 RT: 11.35 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

Tgt Ion: 95 Resp: 819408
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 177.8
 176 88.2 0.0 176.2

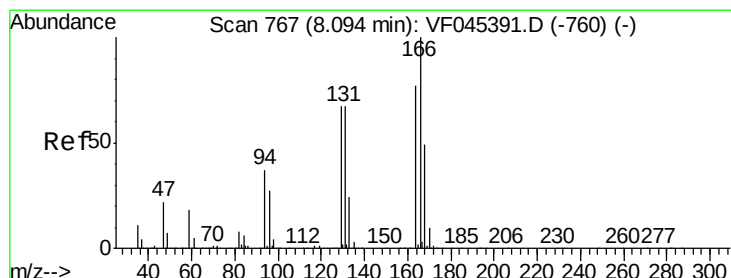
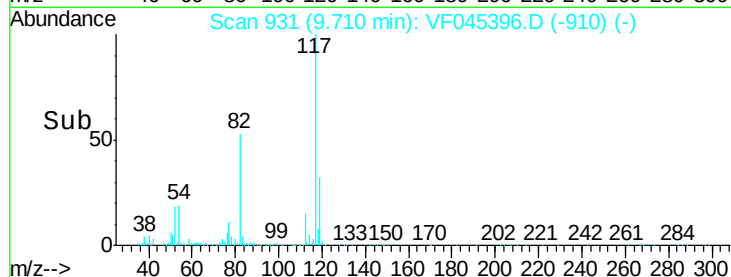
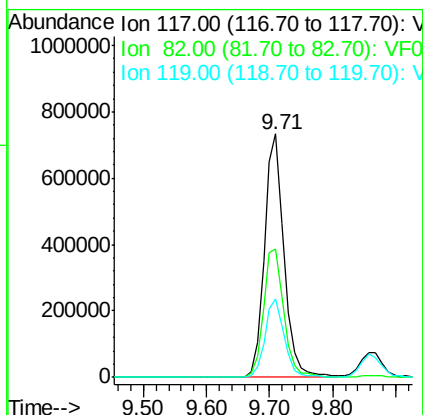
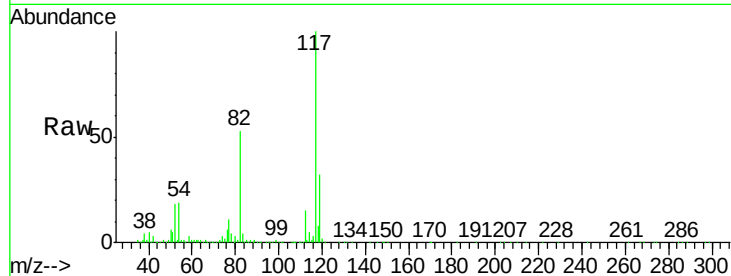




#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 931
Delta R.T. 0.01 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

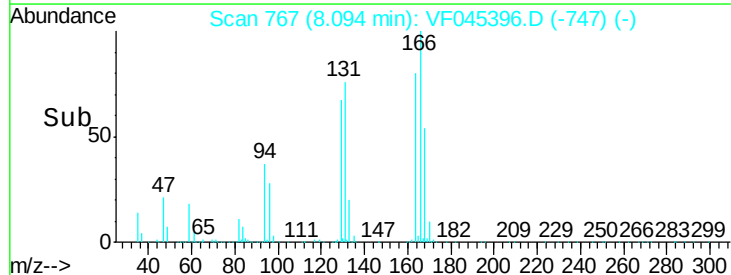
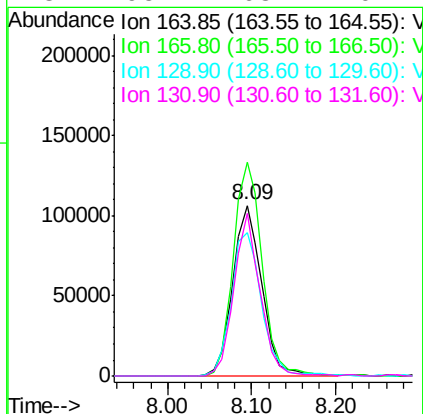
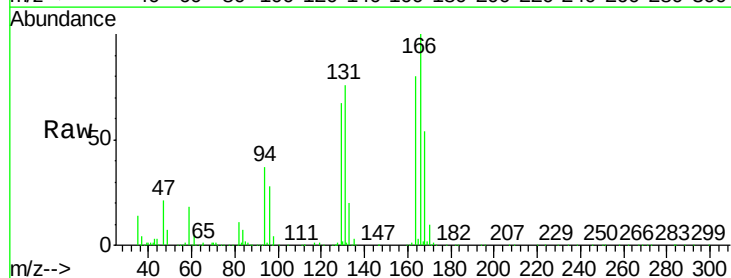
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

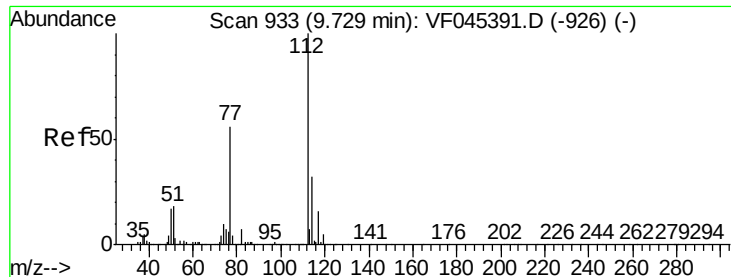
Tgt Ion:117 Resp: 1580897
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.6
119 32.2 26.2 39.4



#63
Tetrachloroethene
Concen: 20.45 ug/l
RT: 8.09 min Scan# 767
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion:164 Resp: 256846
Ion Ratio Lower Upper
164 100
166 125.2 106.0 159.0
129 83.7 69.8 104.6
131 95.4 68.2 102.4

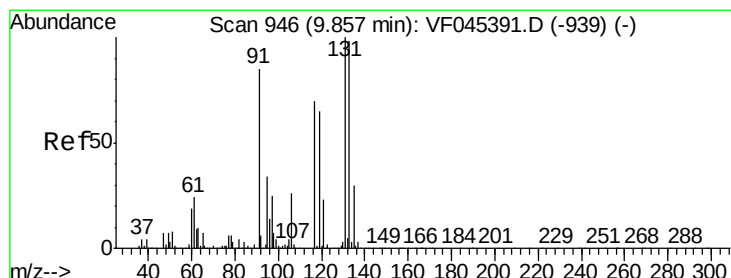
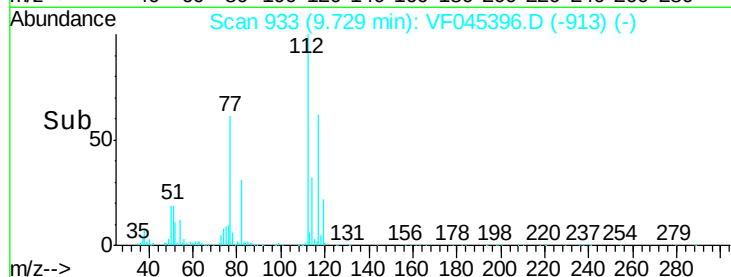
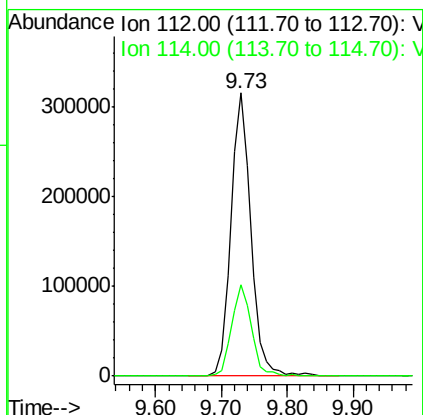
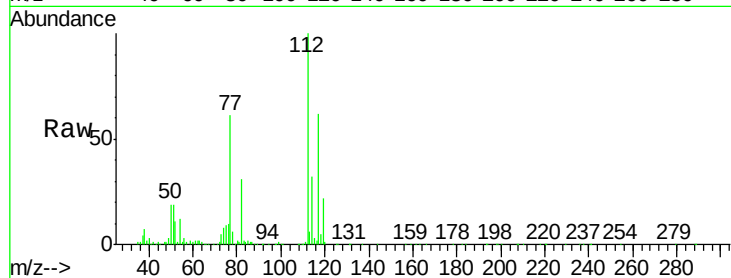




#64
Chlorobenzene
Concen: 20.34 ug/l
RT: 9.73 min Scan# 933
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

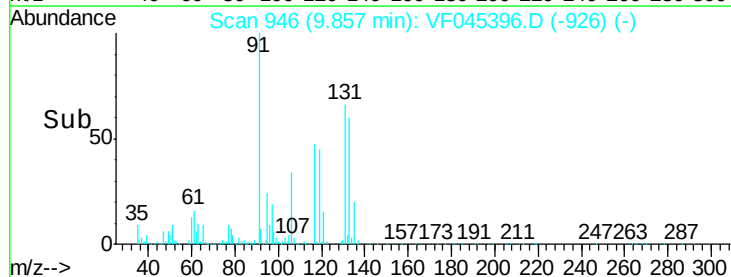
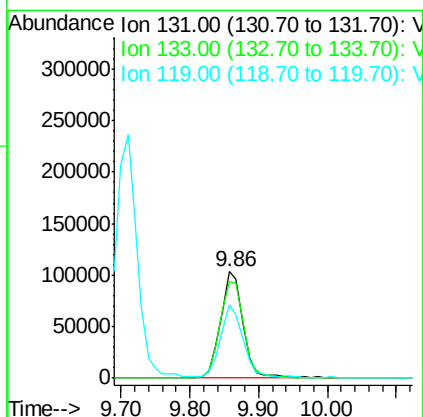
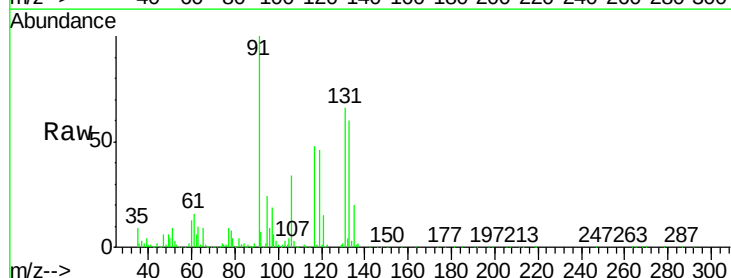
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

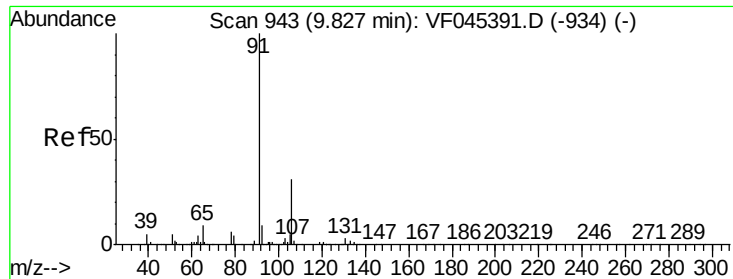
Tgt Ion:112 Resp: 674605
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#65
1,1,1,2-Tetrachloroethane
Concen: 19.35 ug/l
RT: 9.86 min Scan# 946
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion:131 Resp: 234595
Ion Ratio Lower Upper
131 100
133 91.3 48.1 144.4
119 69.1 34.8 104.5

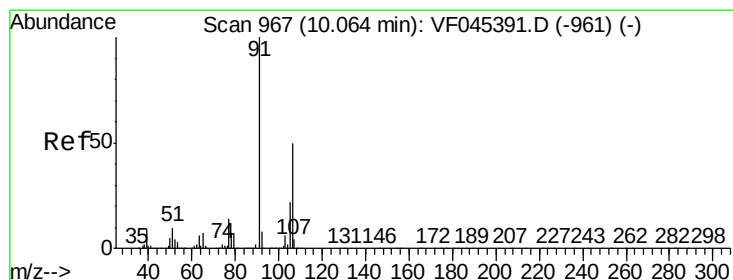
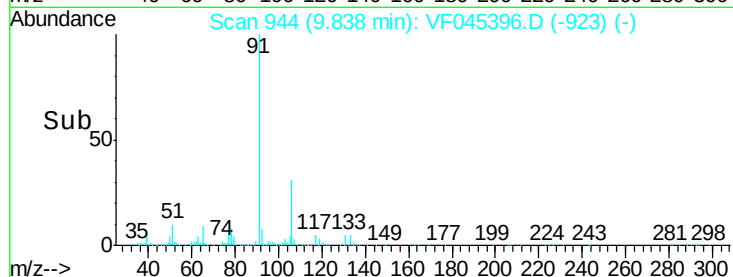
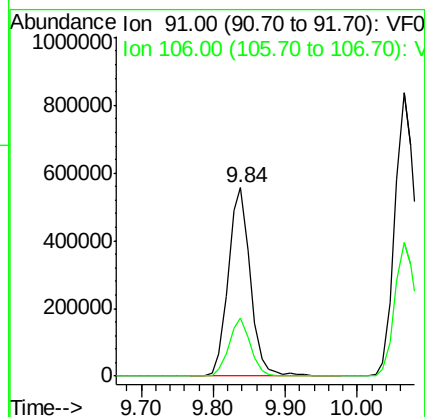
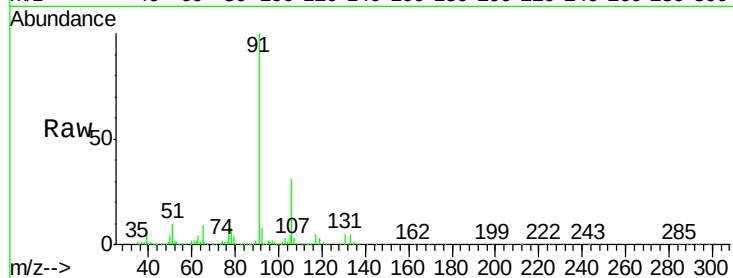




#66
Ethyl Benzene
Concen: 20.54 ug/l
RT: 9.84 min Scan# 944
Delta R.T. 0.01 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

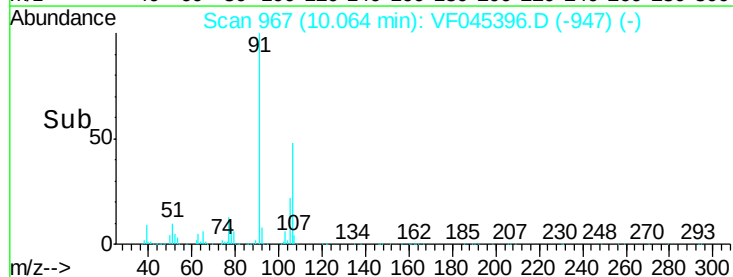
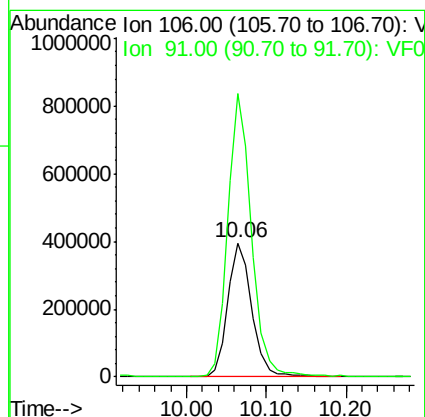
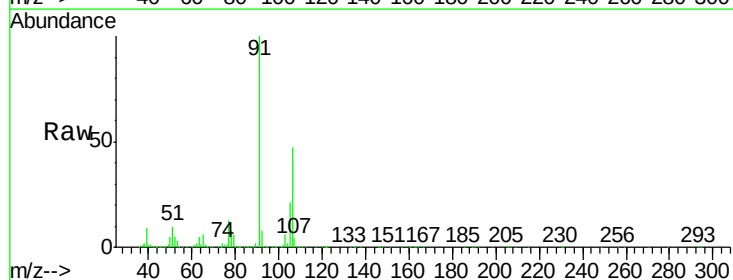
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

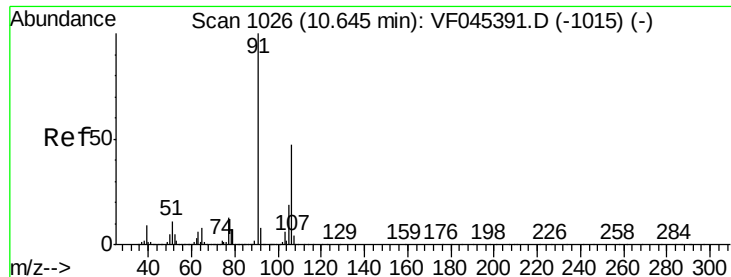
Tgt Ion: 91 Resp: 1180475
Ion Ratio Lower Upper
91 100
106 30.9 23.6 35.4



#67
m/p-Xylenes
Concen: 40.76 ug/l
RT: 10.06 min Scan# 967
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion: 106 Resp: 839484
Ion Ratio Lower Upper
106 100
91 211.1 166.1 249.1

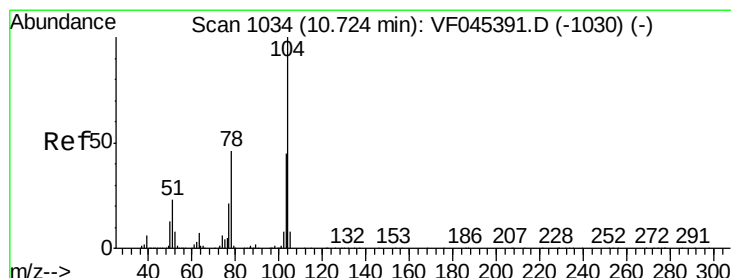
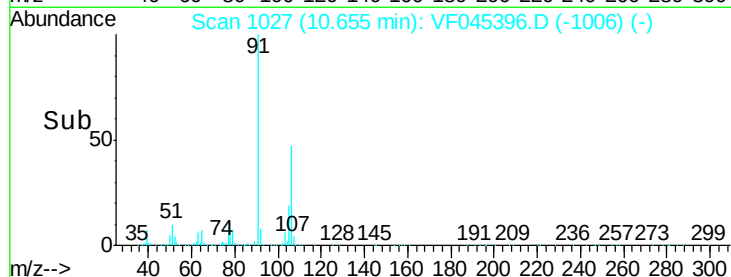
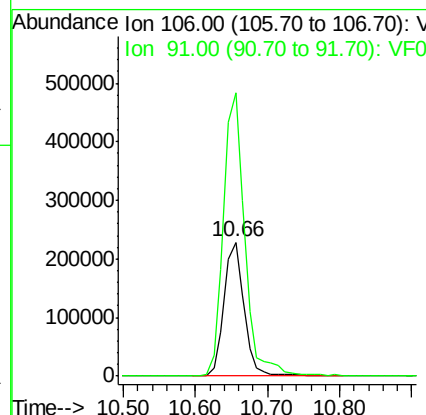
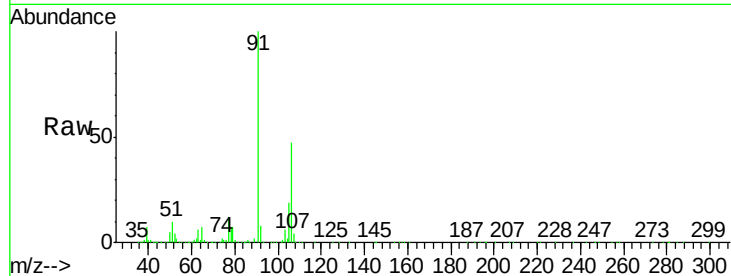




#68
o-Xylene
Concen: 20.63 ug/l
RT: 10.66 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

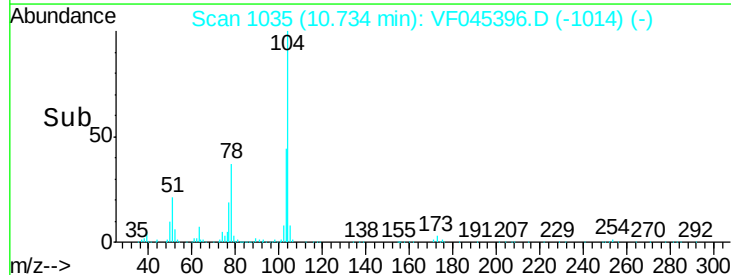
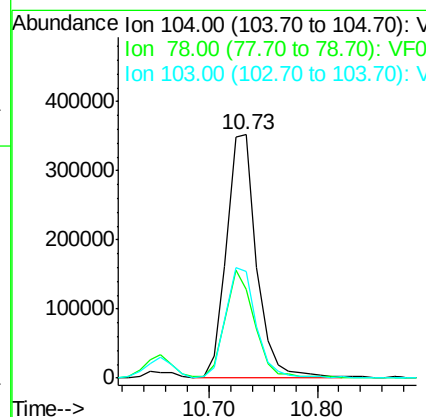
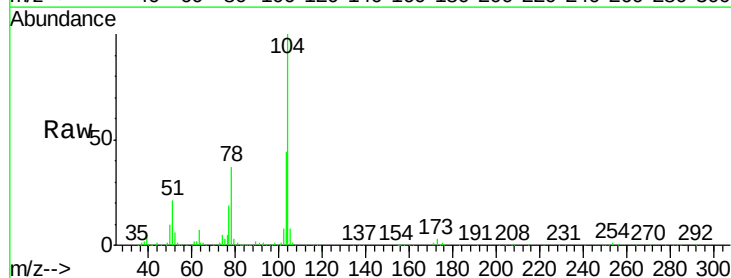
Instrument :
MSVOA_F
ClientSampled :
VF0916SBS01

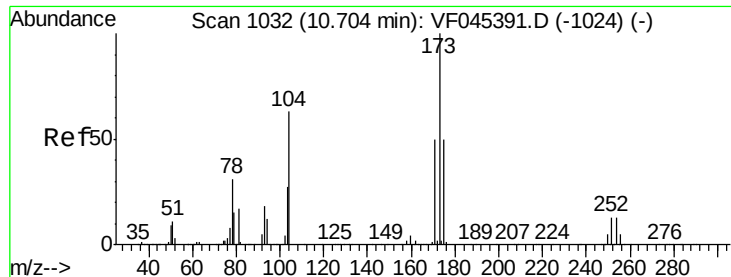
Tgt Ion:106 Resp: 441157
Ion Ratio Lower Upper
106 100
91 211.2 108.1 324.2



#69
Styrene
Concen: 20.09 ug/l
RT: 10.73 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion:104 Resp: 685519
Ion Ratio Lower Upper
104 100
78 36.7 34.2 51.4
103 43.8 36.7 55.1





#70

Bromoform

Concen: 18.38 ug/l

RT: 10.70 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

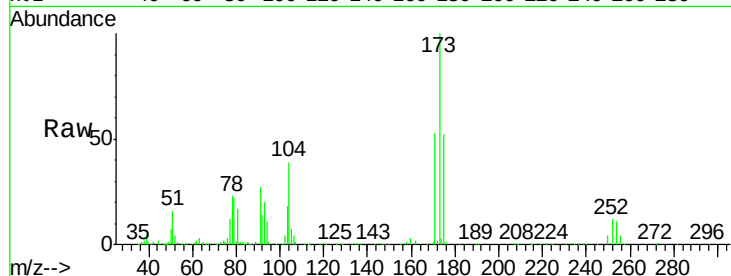
Tgt Ion:173 Resp: 165318

Ion Ratio Lower Upper

173 100

175 51.9 25.7 77.0

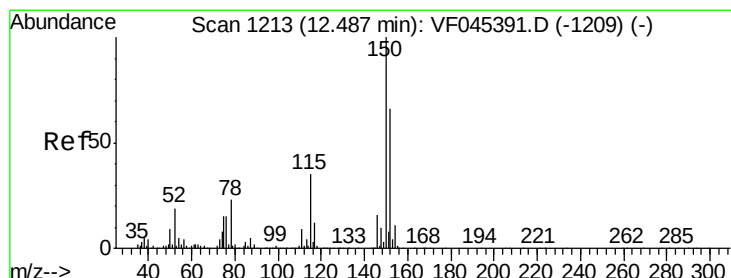
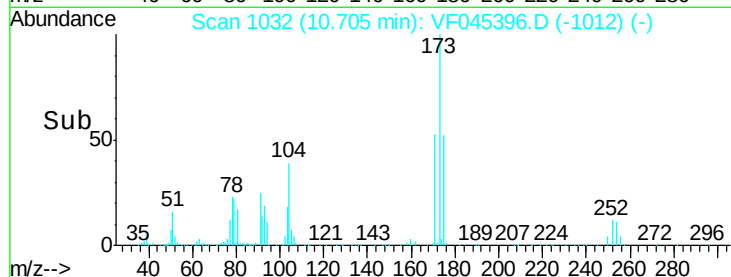
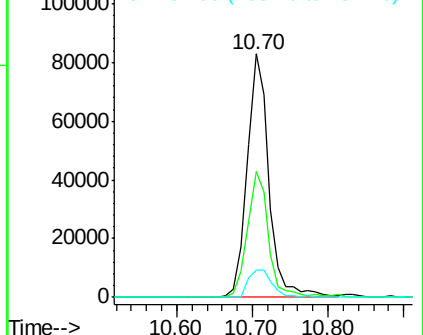
254 11.2 9.8 14.6



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



#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.50 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

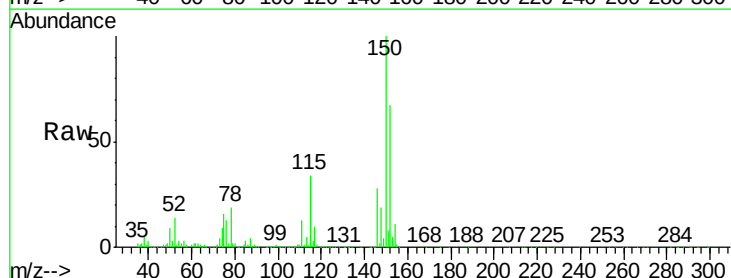
Tgt Ion:152 Resp: 867744

Ion Ratio Lower Upper

152 100

115 50.4 28.3 85.0

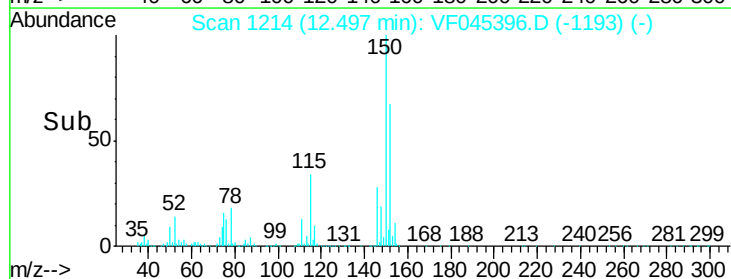
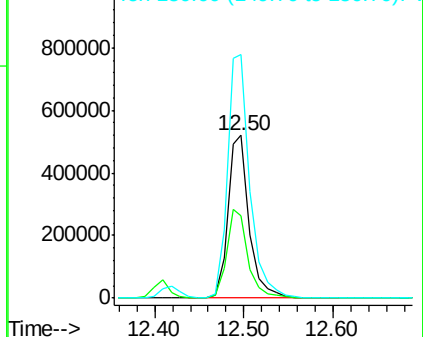
150 149.8 0.0 324.2

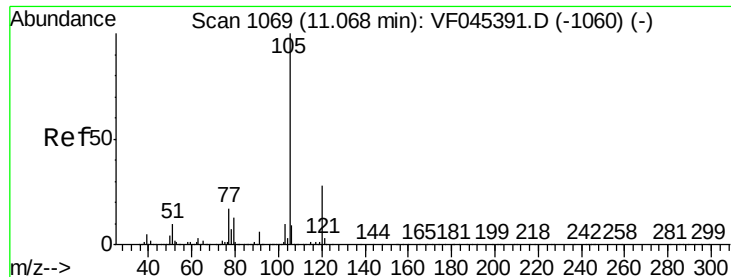


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#72

Isopropylbenzene

Concen: 21.07 ug/l

RT: 11.07 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

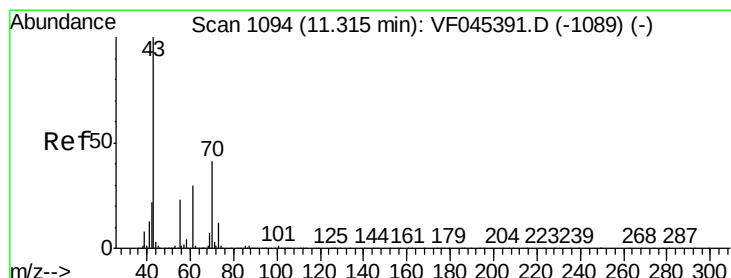
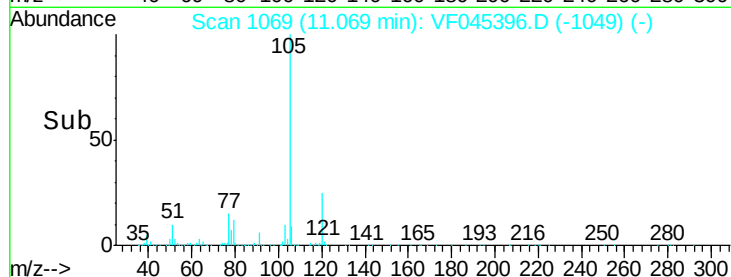
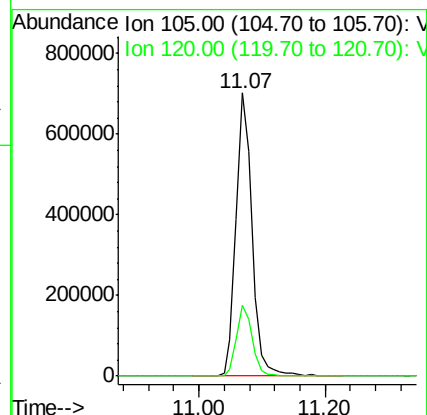
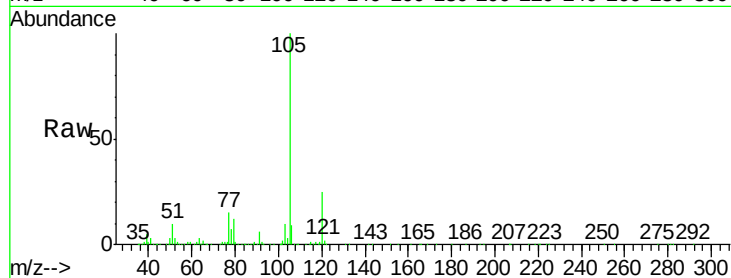
VF0916SBS01

Tgt Ion: 105 Resp: 1225041

Ion Ratio Lower Upper

105 100

120 25.1 13.0 39.0



#73

N-ethyl acetate

Concen: 21.08 ug/l

RT: 11.33 min Scan# 1095

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Tgt Ion: 43 Resp: 339781

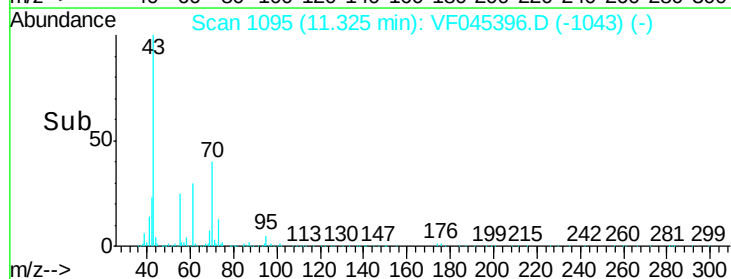
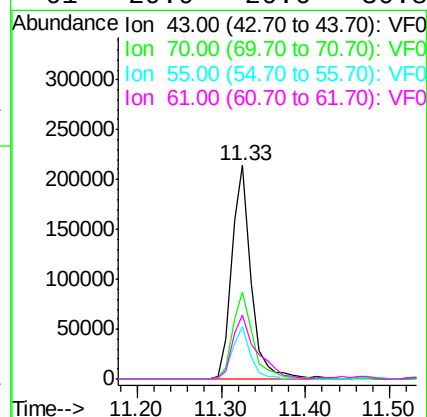
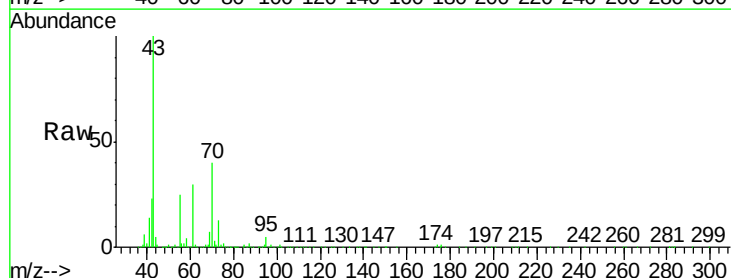
Ion Ratio Lower Upper

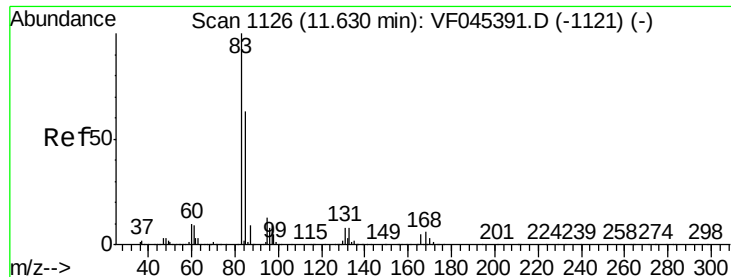
43 100

70 40.5 30.0 45.0

55 24.5 16.8 25.2

61 29.9 20.6 30.8





#74

1,1,2,2-Tetrachloroethane

Concen: 20.24 ug/l

RT: 11.64 min Scan# 1127

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

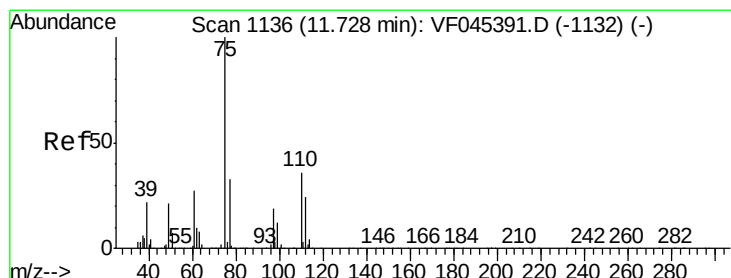
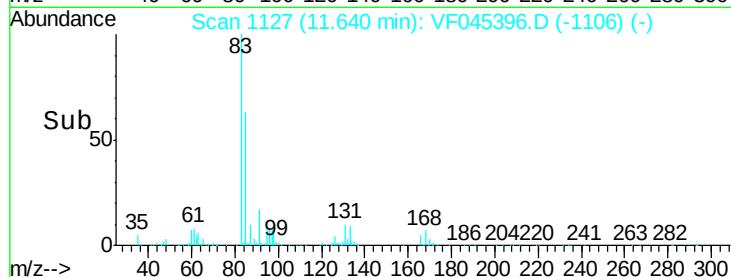
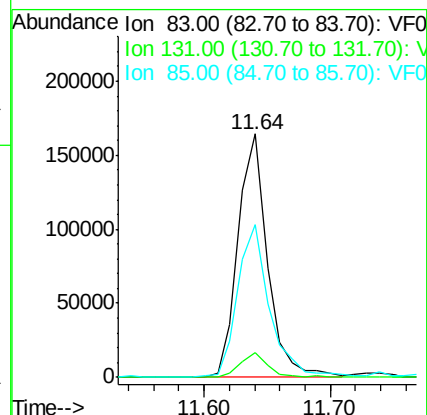
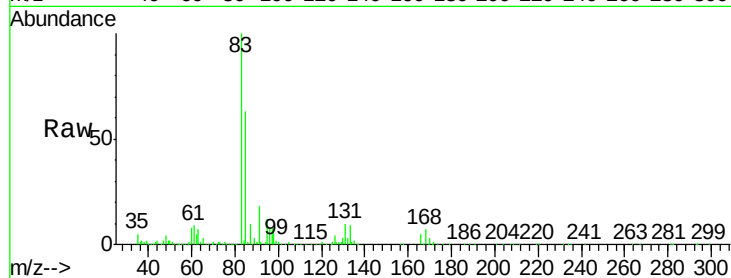
Tgt Ion: 83 Resp: 266657

Ion Ratio Lower Upper

83 100

131 9.9 4.2 12.6

85 62.9 32.5 97.5



#75

1,2,3-Trichloropropane

Concen: 21.22 ug/l

RT: 11.74 min Scan# 1137

Delta R.T. 0.01 min

Lab File: VF045396.D

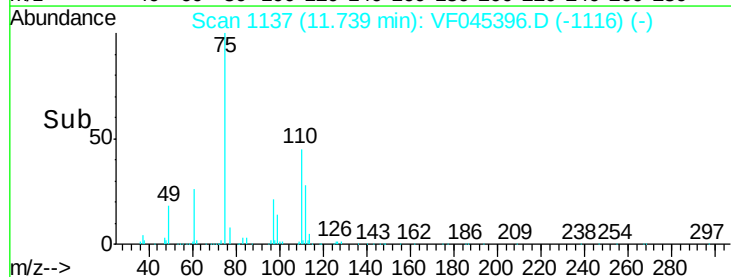
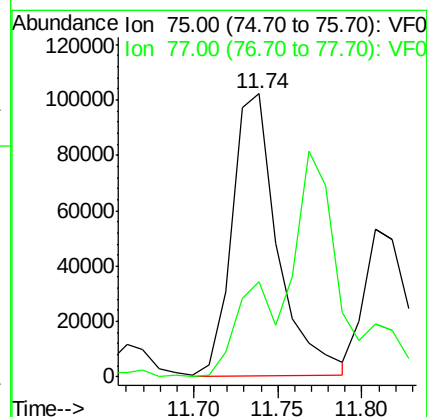
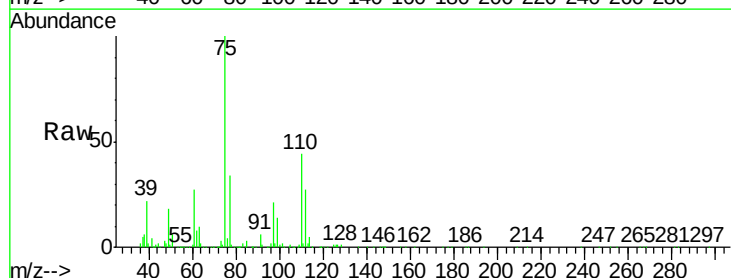
Acq: 16 Sep 2015 18:12

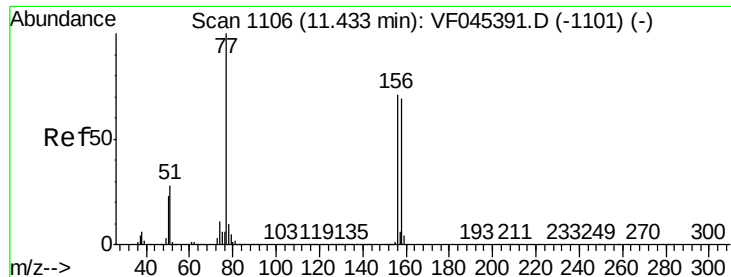
Tgt Ion: 75 Resp: 192247

Ion Ratio Lower Upper

75 100

77 33.6 15.0 45.1

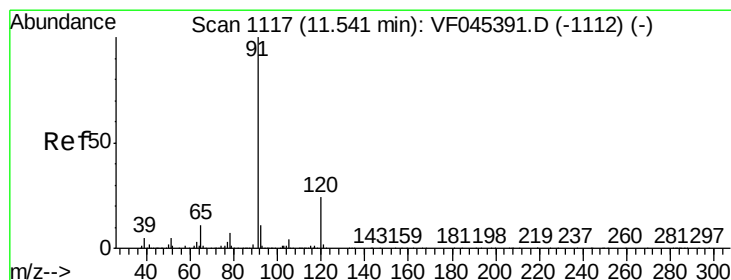
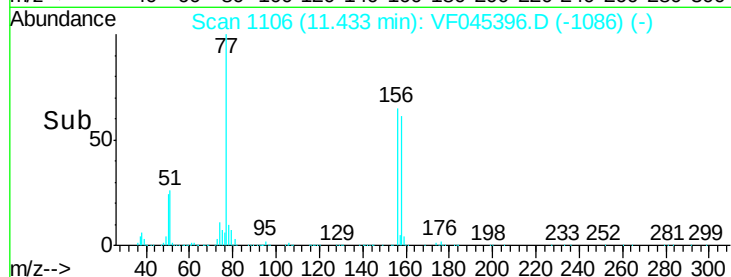
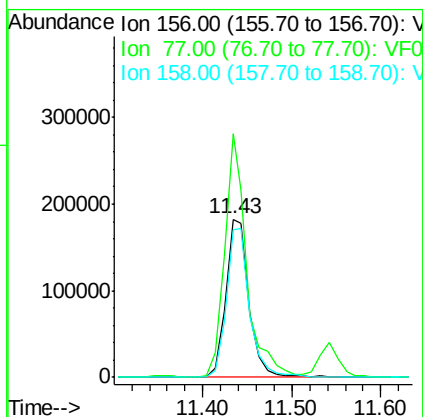
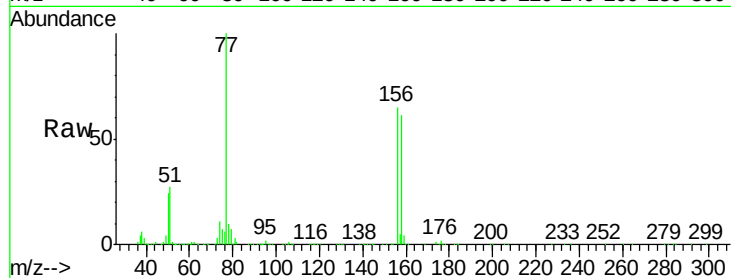




#76
Bromobenzene
Concen: 20.28 ug/l
RT: 11.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

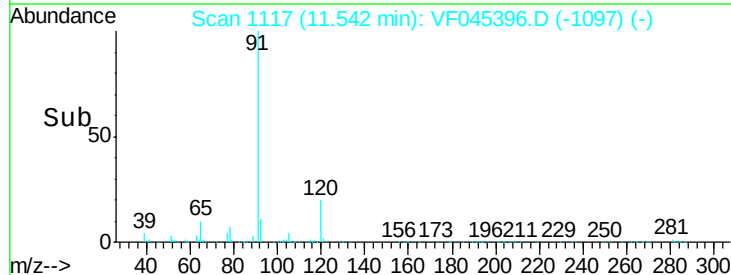
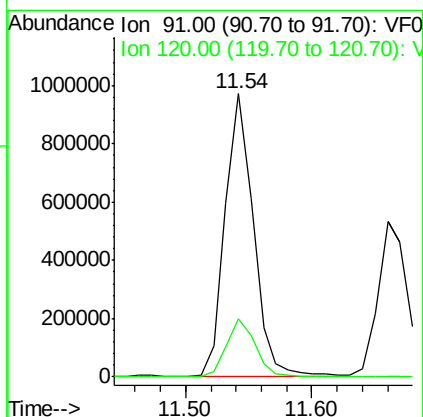
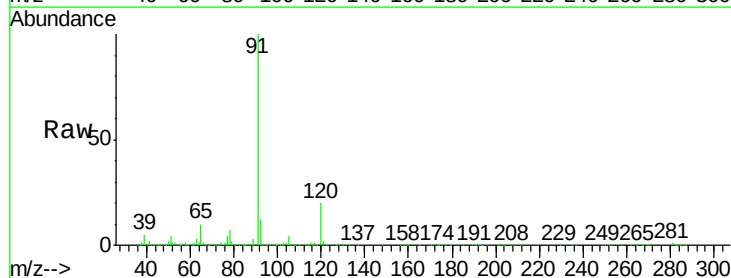
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

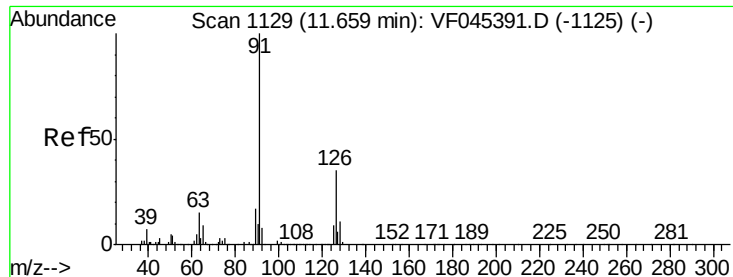
Tgt Ion: 156 Resp: 334297
Ion Ratio Lower Upper
156 100
77 153.9 74.8 224.3
158 93.4 49.5 148.7



#77
n-propylbenzene
Concen: 21.07 ug/l
RT: 11.54 min Scan# 1117
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion: 91 Resp: 1520806
Ion Ratio Lower Upper
91 100
120 20.4 11.6 34.7





#78

2-Chlorotoluene

Concen: 21.40 ug/l

RT: 11.66 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

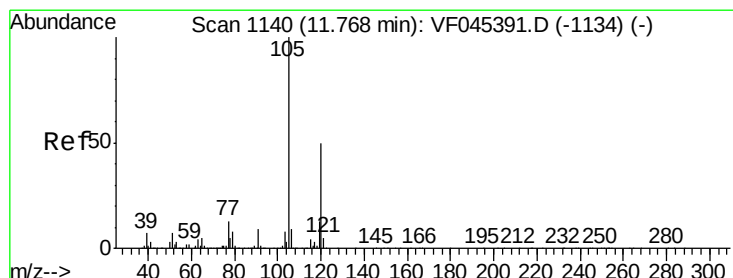
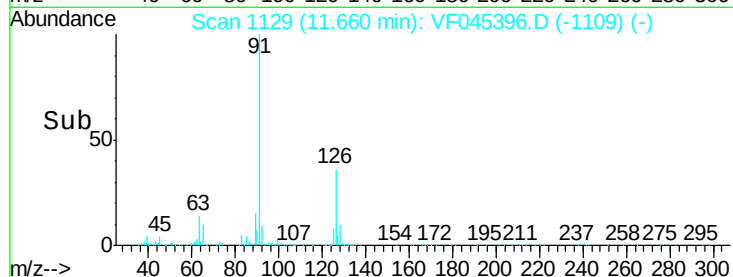
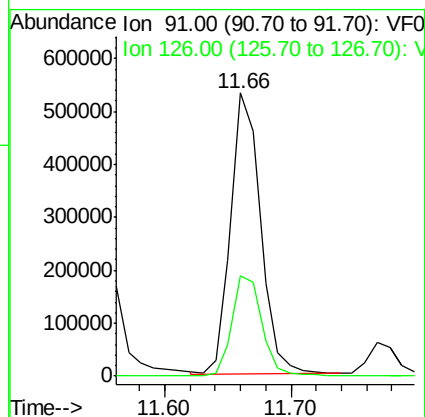
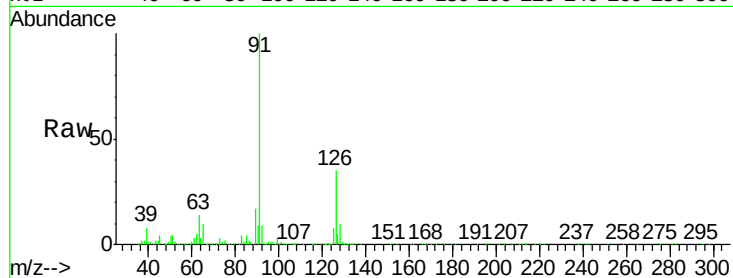
VF0916SBS01

Tgt Ion: 91 Resp: 863872

Ion Ratio Lower Upper

91 100

126 35.3 16.9 50.7



#79

1,3,5-Trimethylbenzene

Concen: 21.31 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. 0.00 min

Lab File: VF045396.D

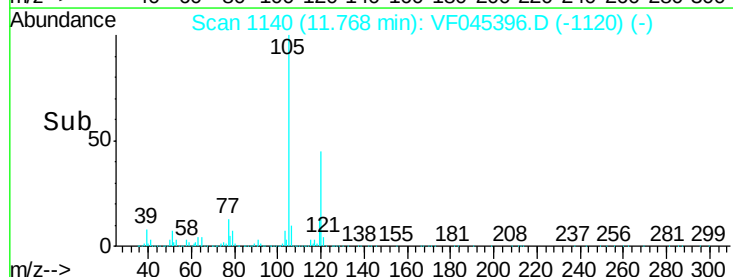
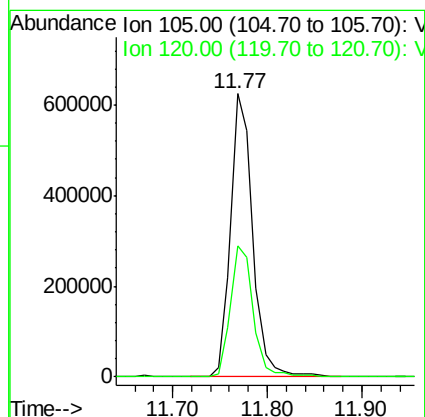
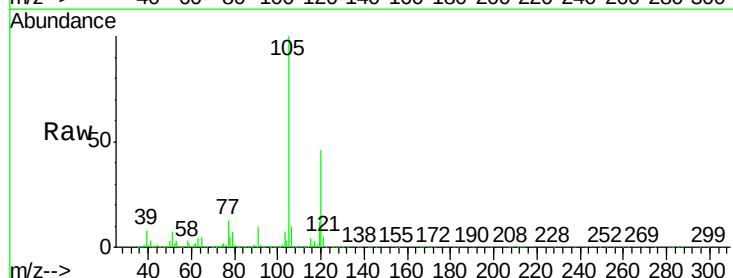
Acq: 16 Sep 2015 18:12

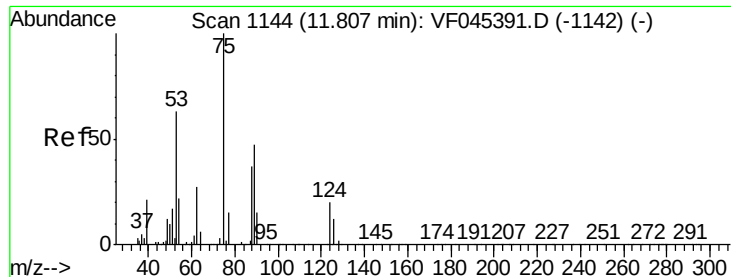
Tgt Ion: 105 Resp: 1009546

Ion Ratio Lower Upper

105 100

120 46.2 25.2 75.6





#80

trans-1,4-Dichloro-2-butene

Concen: 24.50 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

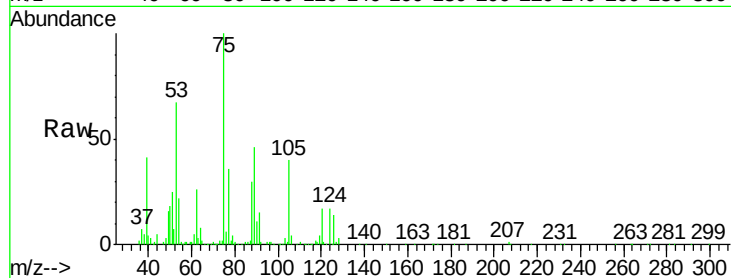
Tgt Ion: 75 Resp: 118928

Ion Ratio Lower Upper

75 100

53 67.1 51.0 76.6

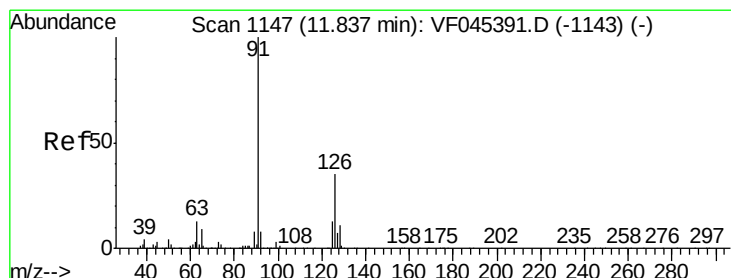
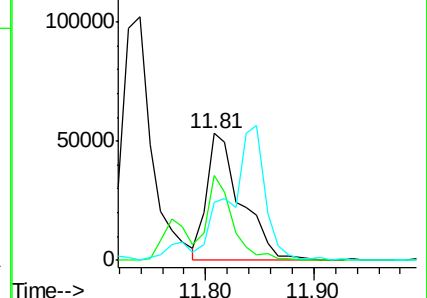
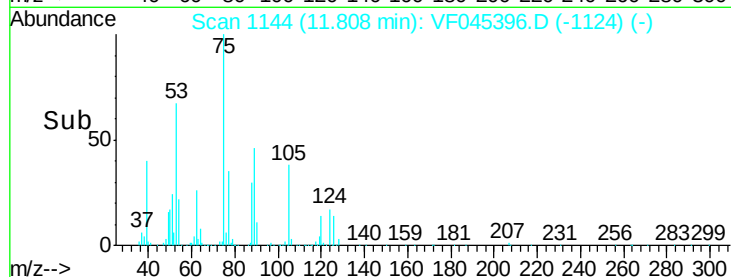
89 46.2 38.6 57.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#81

4-Chlorotoluene

Concen: 20.41 ug/l

RT: 11.85 min Scan# 1148

Delta R.T. 0.01 min

Lab File: VF045396.D

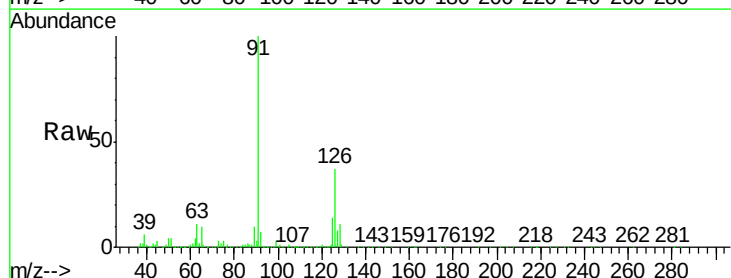
Acq: 16 Sep 2015 18:12

Tgt Ion: 91 Resp: 910645

Ion Ratio Lower Upper

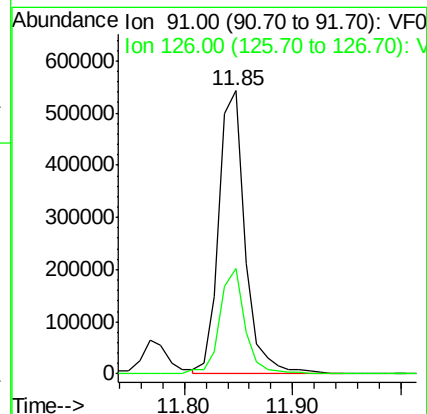
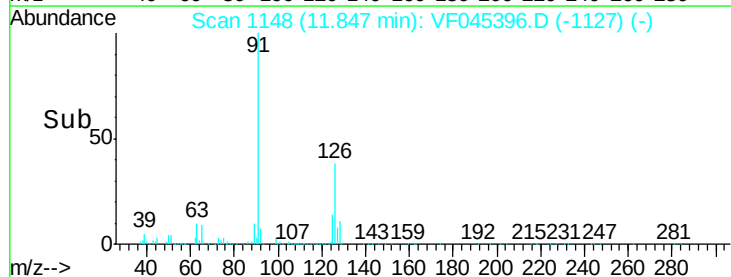
91 100

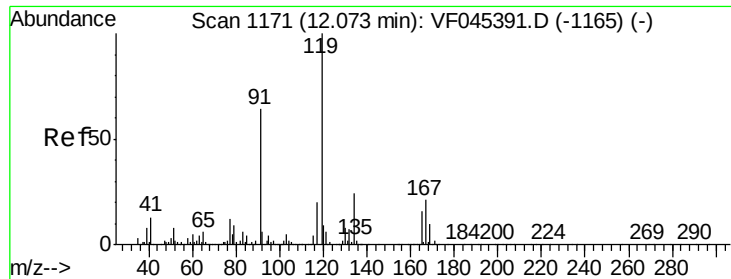
126 37.1 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#82

tert-Butylbenzene

Concen: 20.74 ug/l

RT: 12.07 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

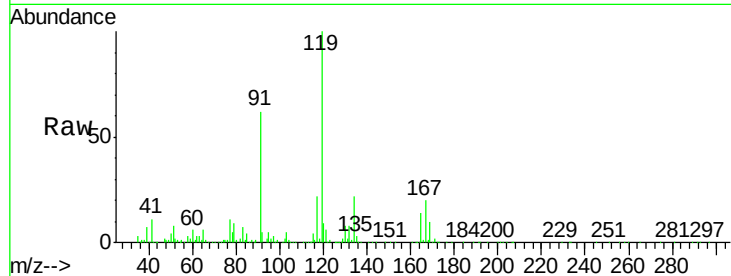
Tgt Ion:119 Resp: 971603

Ion Ratio Lower Upper

119 100

91 62.2 31.1 93.2

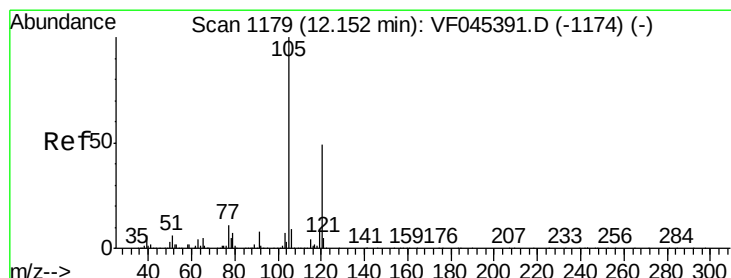
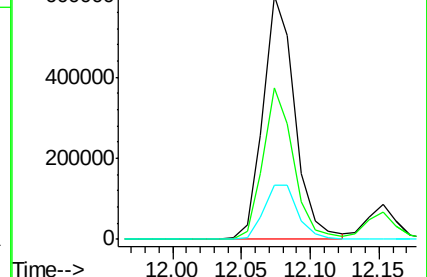
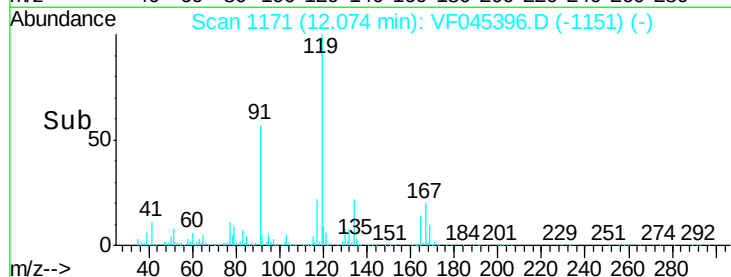
134 22.3 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#83

1,2,4-Trimethylbenzene

Concen: 21.00 ug/l

RT: 12.15 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VF045396.D

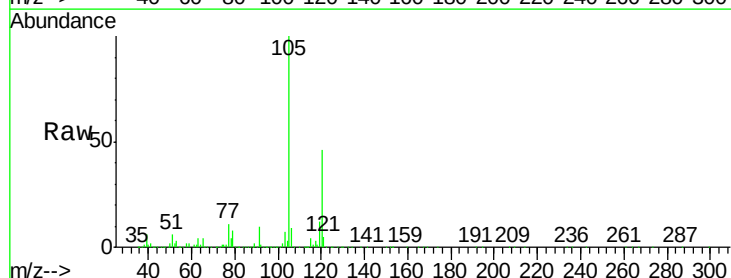
Acq: 16 Sep 2015 18:12

Tgt Ion:105 Resp: 1020425

Ion Ratio Lower Upper

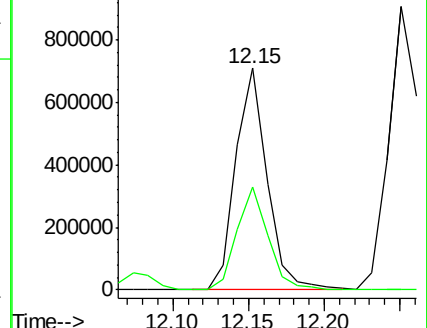
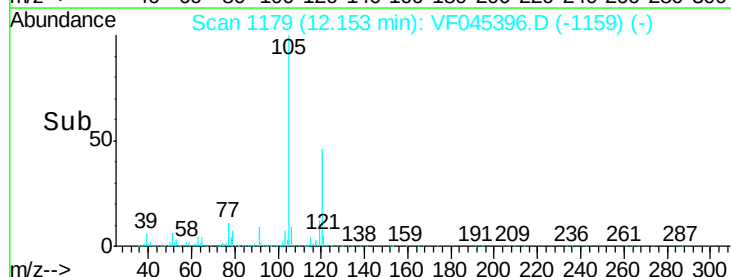
105 100

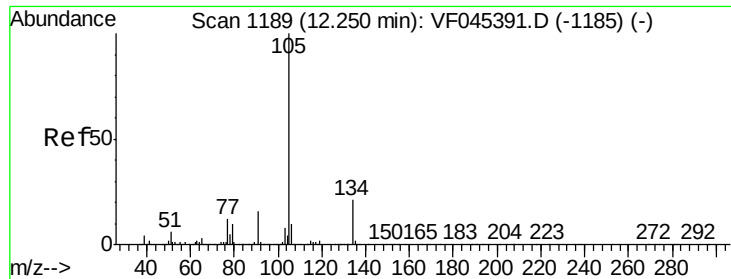
120 46.2 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

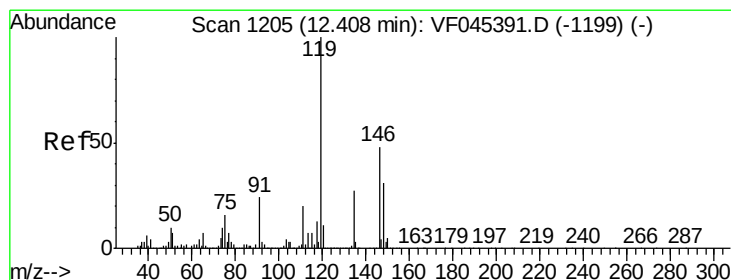
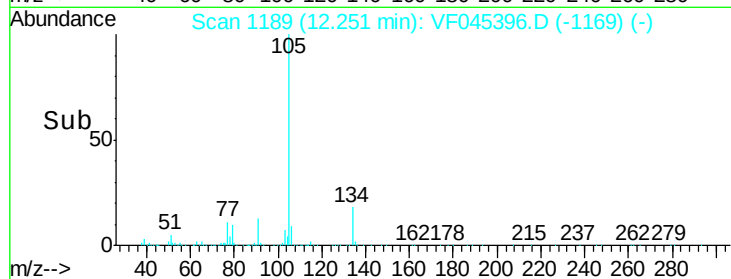
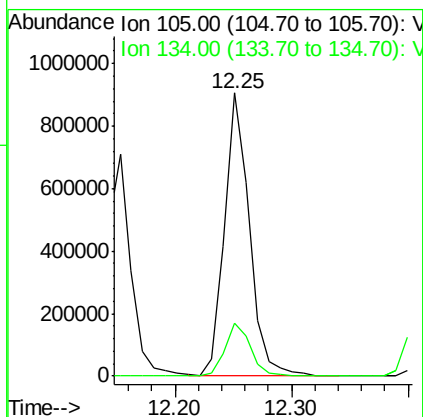
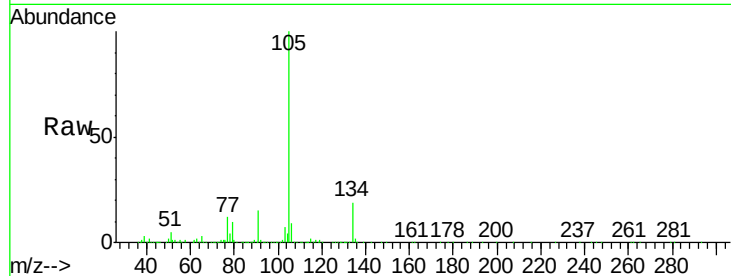




#84
 sec-Butylbenzene
 Concen: 20.64 ug/l
 RT: 12.25 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

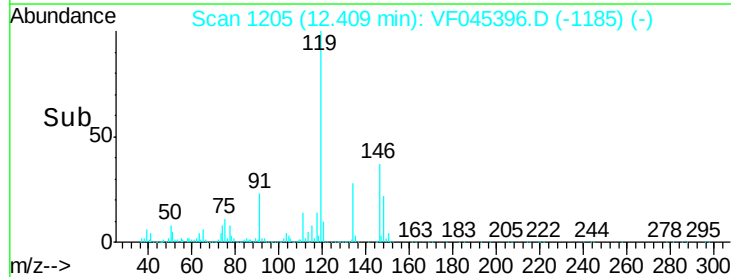
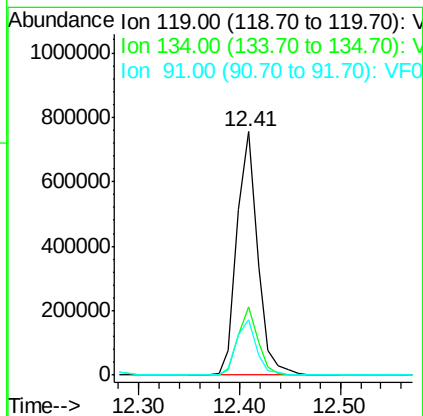
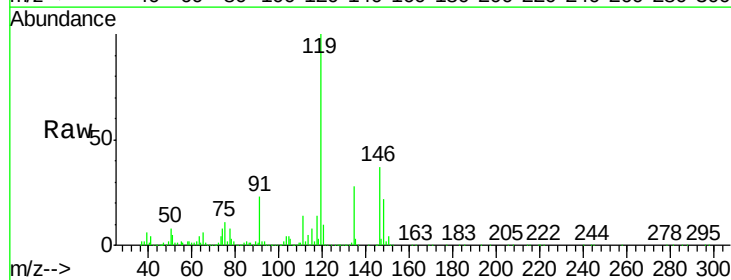
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBS01

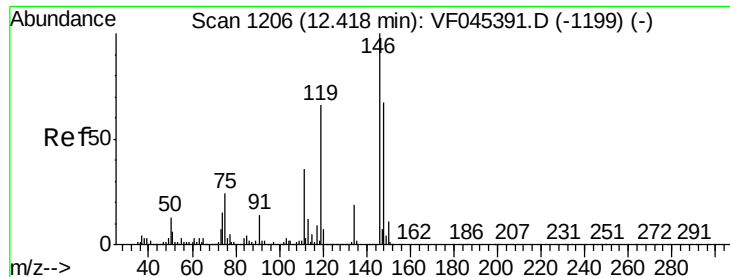
Tgt Ion:105 Resp: 1344646
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.5 31.6



#85
 p-Isopropyltoluene
 Concen: 21.14 ug/l
 RT: 12.41 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

Tgt Ion:119 Resp: 1071866
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.0 38.9
 91 22.9 12.2 36.6

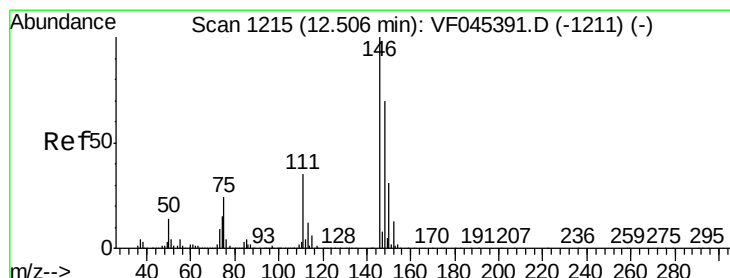
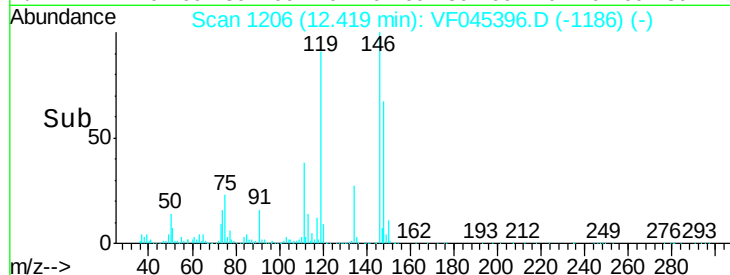
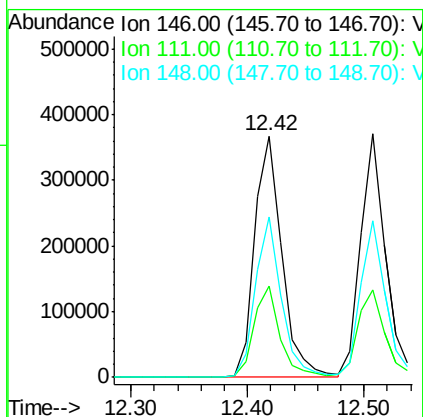
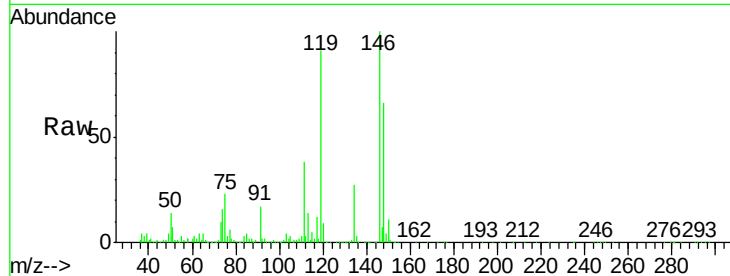




#86
 1,3-Dichlorobenzene
 Concen: 21.38 ug/l
 RT: 12.42 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

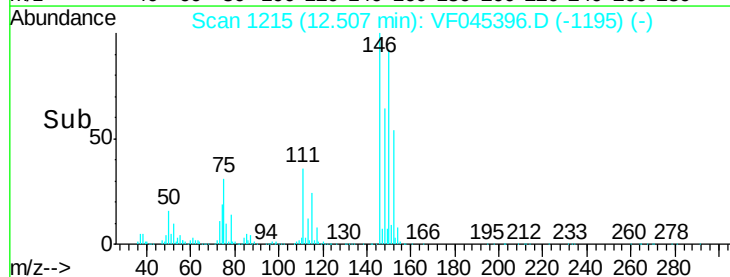
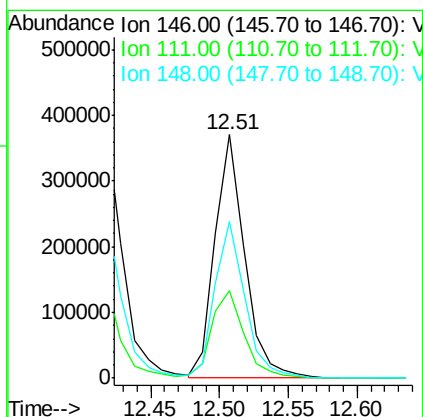
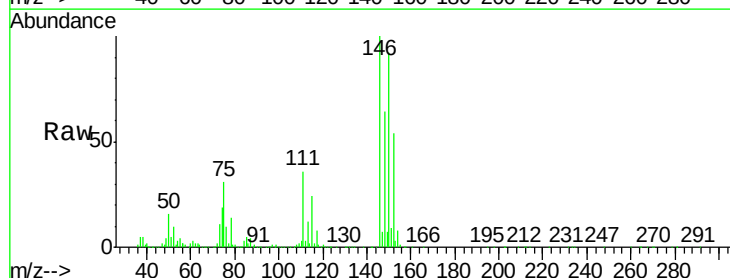
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBS01

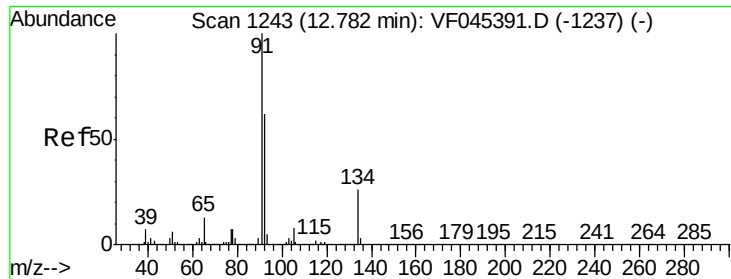
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.9	59.7
148	66.5	32.5	97.4



#87
 1,4-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.3	52.0
148	64.5	32.4	97.0

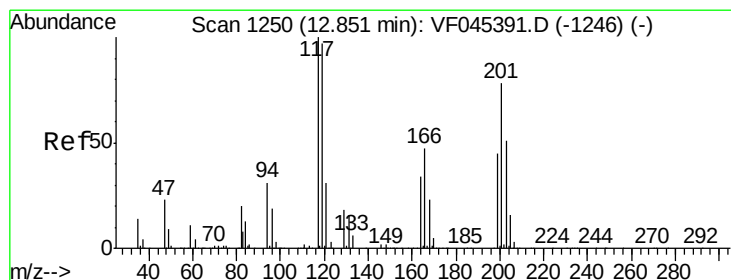
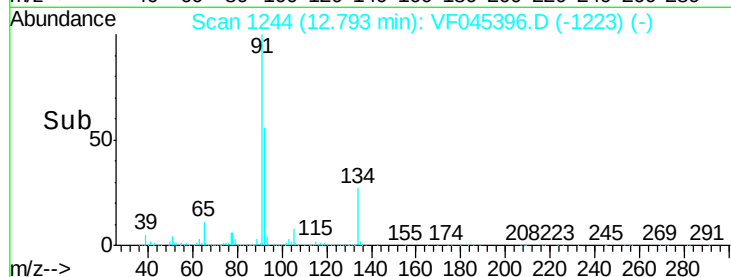
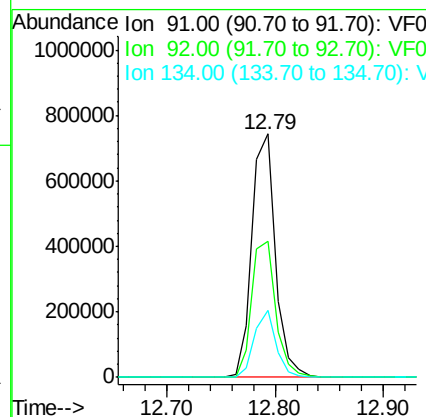
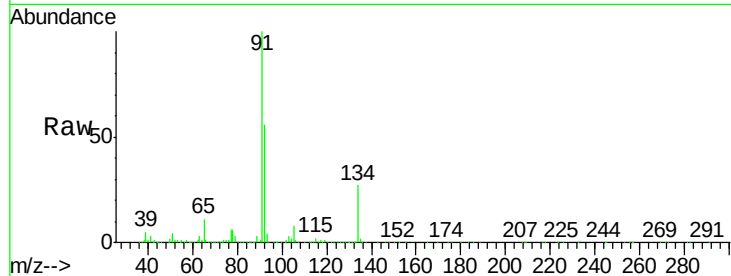




#88
n-Butylbenzene
Concen: 22.09 ug/l
RT: 12.79 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

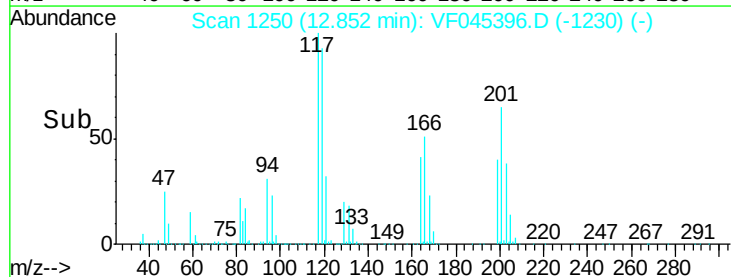
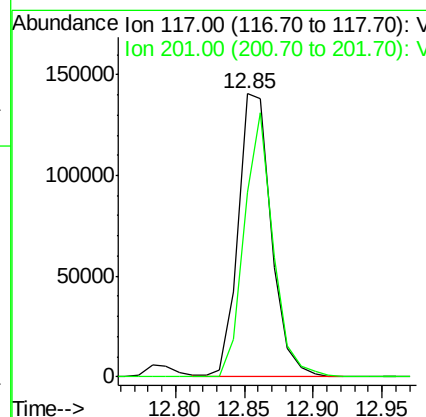
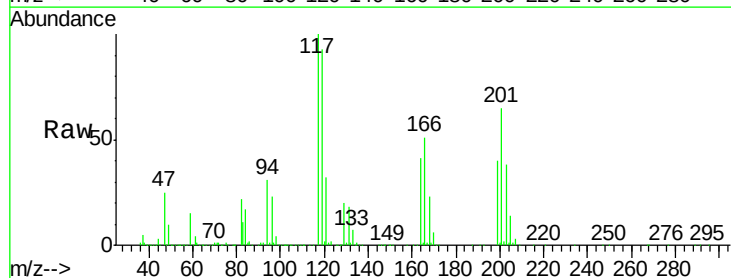
Instrument :
MSVOA_F
ClientSampleId :
VF0916SBS01

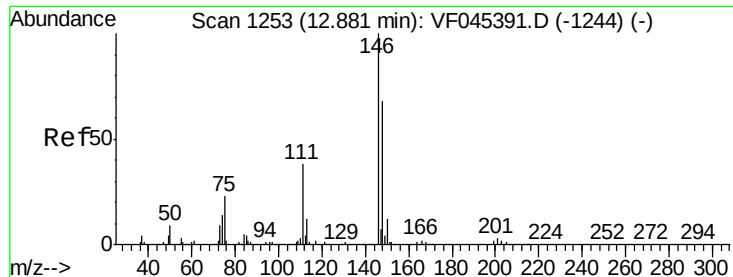
Tgt Ion: 91 Resp: 1126066
Ion Ratio Lower Upper
91 100
92 55.8 30.1 90.5
134 27.5 13.8 41.4



#89
Hexachloroethane
Concen: 19.72 ug/l
RT: 12.85 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VF045396.D
Acq: 16 Sep 2015 18:12

Tgt Ion: 117 Resp: 236731
Ion Ratio Lower Upper
117 100
201 65.2 42.0 126.1

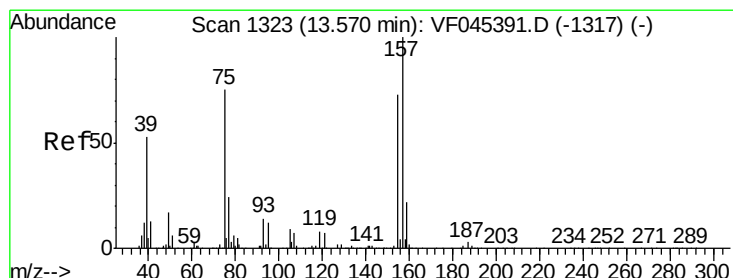
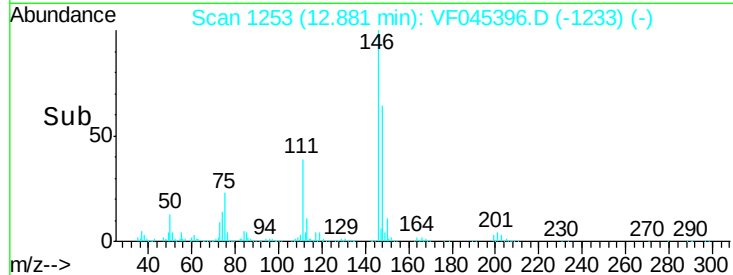
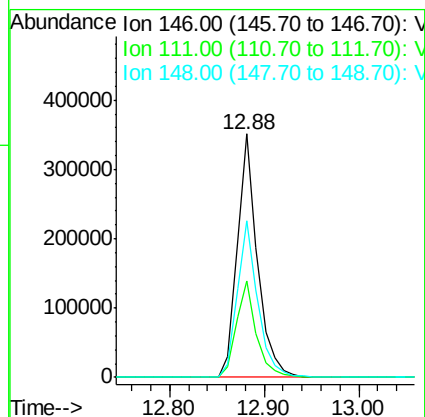
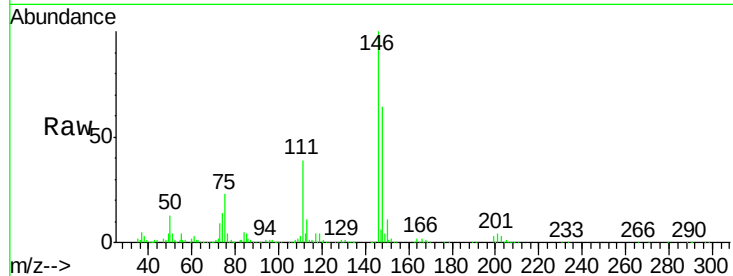




#90
 1,2-Dichlorobenzene
 Concen: 20.04 ug/l
 RT: 12.88 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

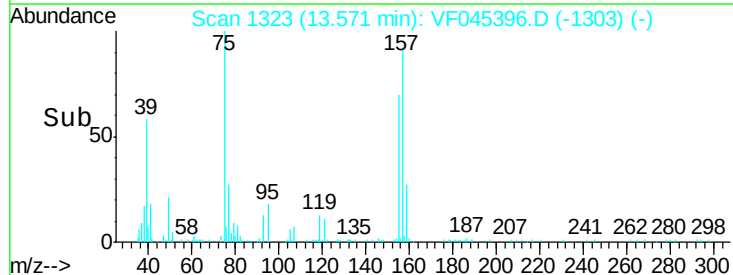
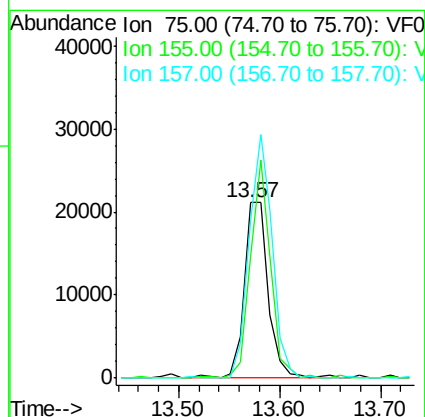
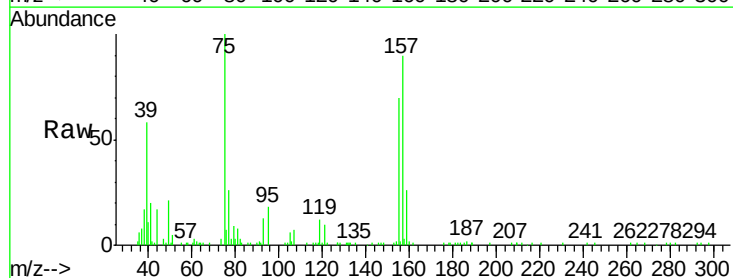
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBS01

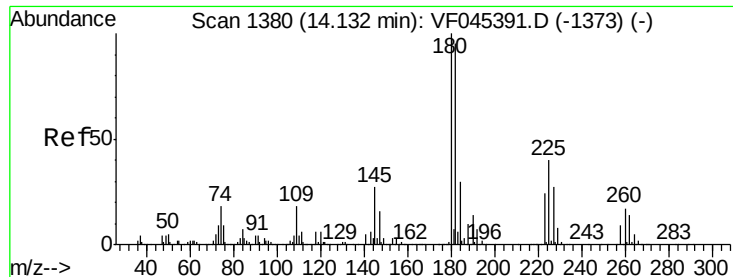
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	21.4	64.3
148	64.4	31.4	94.3



#91
 1,2-Dibromo-3-Chloropropane
 Concen: 20.06 ug/l
 RT: 13.57 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	49.2	147.6
157	89.7	66.8	200.4

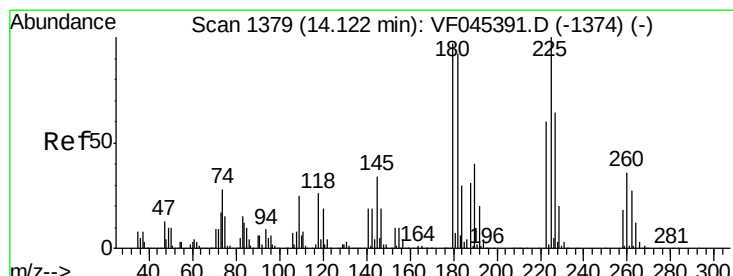
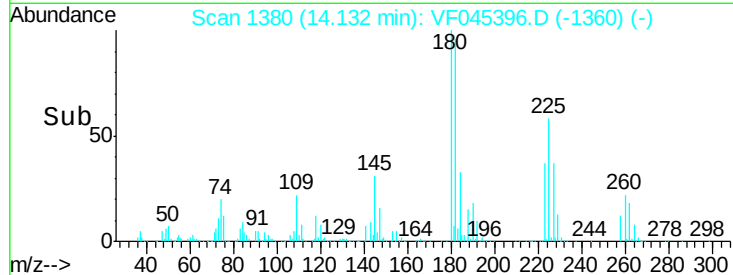
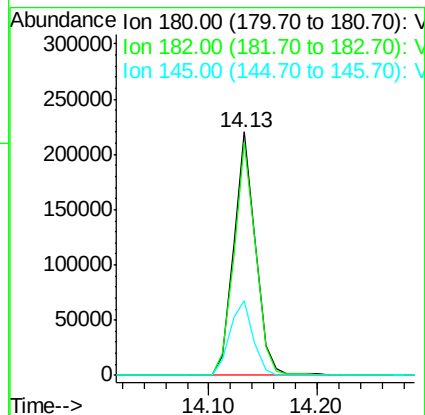
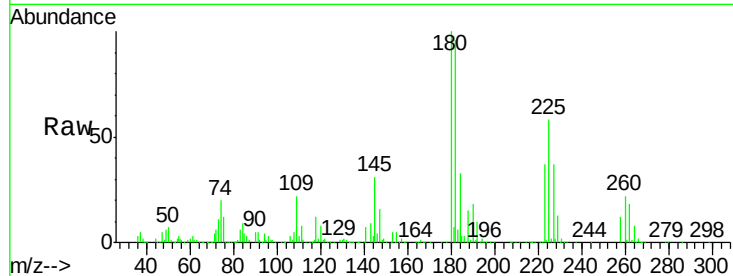




#92
 1,2,4-Trichlorobenzene
 Concen: 20.66 ug/l
 RT: 14.13 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

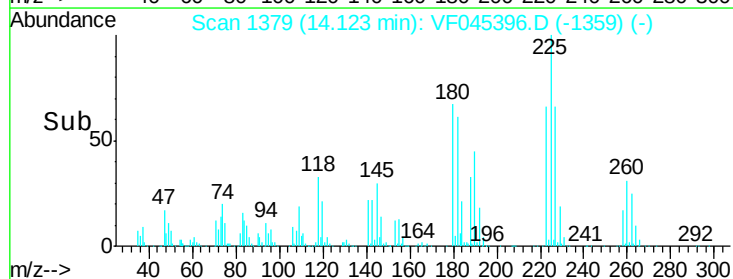
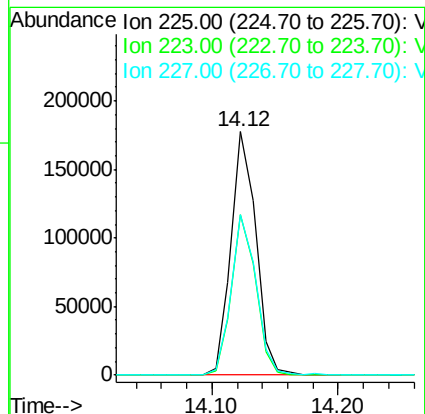
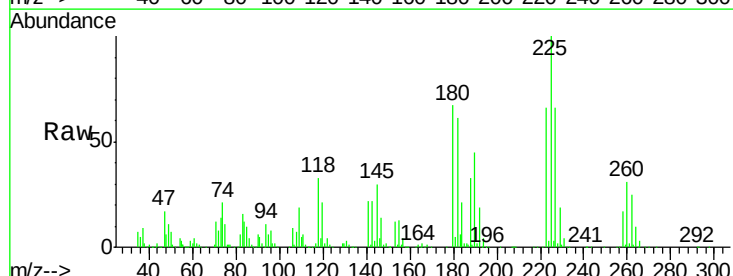
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0916SBS01

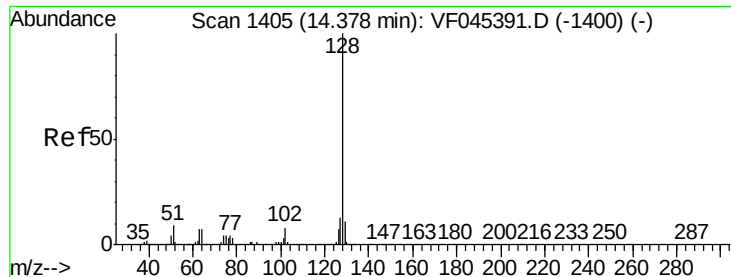
Tgt Ion:180 Resp: 308257
 Ion Ratio Lower Upper
 180 100
 182 96.1 49.4 148.0
 145 30.9 16.7 50.1



#93
 Hexachlorobutadiene
 Concen: 21.40 ug/l
 RT: 14.12 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: VF045396.D
 Acq: 16 Sep 2015 18:12

Tgt Ion:225 Resp: 242493
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.9 95.5
 227 65.9 32.9 98.7





#94

Naphthalene

Concen: 18.79 ug/l

RT: 14.39 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

Instrument :

MSVOA_F

ClientSampleId :

VF0916SBS01

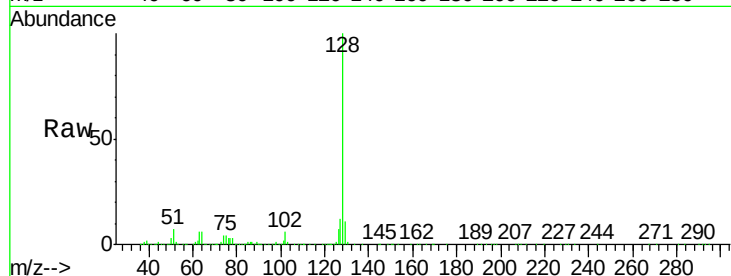
Tgt Ion:128 Resp: 499001

Ion Ratio Lower Upper

128 100

127 11.7 9.8 14.8

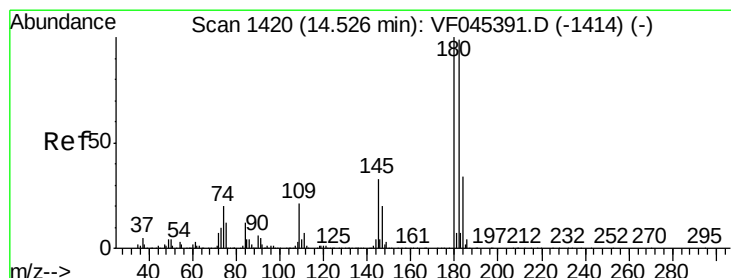
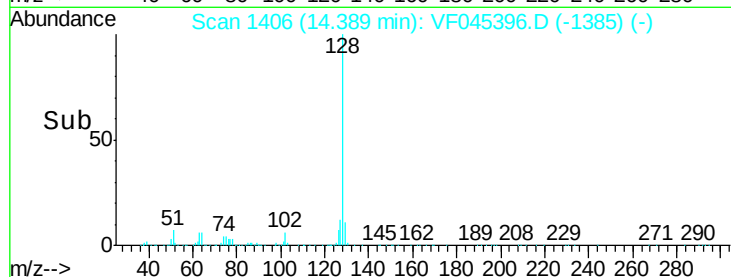
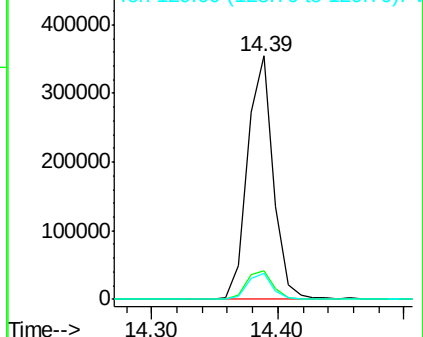
129 10.6 8.8 13.2



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



#95

1,2,3-Trichlorobenzene

Concen: 19.82 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VF045396.D

Acq: 16 Sep 2015 18:12

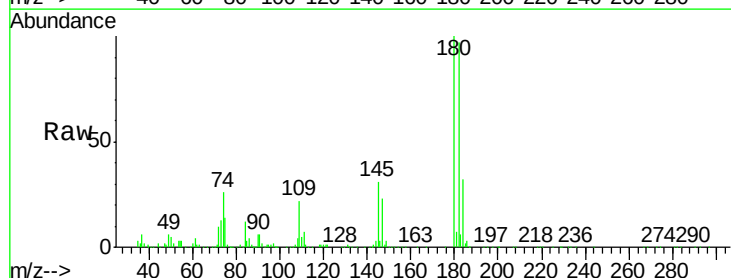
Tgt Ion:180 Resp: 242899

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.8

145 30.8 14.5 43.6



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

