

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045416.D
 Acq On : 17 Sep 2015 19:48
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:29:05 PM

Quant Time: Sep 18 04:29:58 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	4.82	168	987653	50.00	ug/l	0.02
33) 1,4-Difluorobenzene	5.55	114	1541064	50.00	ug/l	0.02
62) Chlorobenzene-d5	9.71	117	1390762	50.00	ug/l	0.02
71) 1,4-Dichlorobenzene-d4	12.50	152	754117	50.00	ug/l	0.02

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	4.79	65	564414	53.22	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.44%	
34) Dibromofluoromethane	4.05	113	584176	48.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.88%	
49) Toluene-d8	7.51	98	1795654	51.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.12%	
61) 4-Bromofluorobenzene	11.36	95	797426	47.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.94	85	417902	49.68	ug/l	92
3) Chloromethane	1.03	50	367204	50.99	ug/l	97
4) Vinyl Chloride	1.10	62	313218	50.74	ug/l	90
5) Bromomethane	1.26	94	180157	47.01	ug/l	87
6) Chloroethane	1.34	64	128817	52.37	ug/l	98
7) Trichlorofluoromethane	1.39	101	648849m	51.23	ug/l	
8) Diethyl Ether	1.60	74	132319	49.98	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.78	101	368413	50.55	ug/l	90
10) Methyl Iodide	1.81	142	726914	48.77	ug/l	92
11) Tert butyl alcohol	2.50	59	30539	256.24	ug/l #	91
12) 1,1-Dichloroethene	1.72	96	290311	47.95	ug/l	91
13) Acrolein	1.96	56	120642	244.29	ug/l	96
14) Allyl chloride	2.06	41	462021	49.18	ug/l	95
15) Acrylonitrile	2.89	53	308816	271.13	ug/l	94
16) Acetone	2.19	43	527635	219.13	ug/l	97
17) Carbon Disulfide	1.74	76	1013298	49.11	ug/l	100
18) Methyl Acetate	2.30	43	486835	52.71	ug/l	99
19) Methyl tert-butyl Ether	2.39	73	258134	54.18	ug/l	94
20) Methylene Chloride	2.14	84	326569	49.92	ug/l	88
21) trans-1,2-Dichloroethene	2.27	96	342941	50.52	ug/l	94
22) Diisopropyl ether	2.75	45	978195	48.85	ug/l	94
23) Vinyl Acetate	3.13	43	1440469	246.44	ug/l	97
24) 1,1-Dichloroethane	2.82	63	680416	50.20	ug/l	100
25) 2-Butanone	4.27	43	813688	241.58	ug/l	98
26) 2,2-Dichloropropane	3.55	77	597034	47.30	ug/l	99
27) cis-1,2-Dichloroethene	3.42	96	570846	54.45	ug/l	96
28) Bromochloromethane	3.66	49	239173	44.93	ug/l #	93
29) Chloroform	3.79	83	977354	51.30	ug/l	97
30) Cyclohexane	3.65	56	633923	51.83	ug/l	93
31) 1,1,1-Trichloroethane	4.04	97	767190	48.61	ug/l #	89
35) 1,1-Dichloropropene	4.23	75	722282	49.40	ug/l	90
36) Ethyl Acetate	4.05	43	332319	44.92	ug/l #	38
37) Carbon Tetrachloride	3.94	117	699411	45.41	ug/l	98
38) Methylcyclohexane	5.41	83	724422	46.10	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.58	78	1612422	47.17	ug/l	99
40) Methacrylonitrile	4.68	41	163665	46.74	ug/l	94
41) 1,2-Dichloroethane	4.89	62	629850	45.68	ug/l	95
42) Isopropyl Acetate	6.92	43	470346	48.26	ug/l #	97
43) Trichloroethene	5.45	130	575740	49.32	ug/l	97
44) 1,2-Dichloropropane	6.19	63	467012	46.90	ug/l	96
45) Dibromomethane	6.03	93	337397	47.61	ug/l	99
46) Bromodichloromethane	6.33	83	749692	47.25	ug/l	98
47) Methyl methacrylate	6.67	41	287237	48.55	ug/l	89
48) 1,4-Dioxane	6.66	88	68285	963.61	ug/l	90
50) 4-Methyl-2-Pentanone	8.21	43	1651070	238.23	ug/l	99
51) Toluene	7.58	92	1245204	47.28	ug/l	100
52) t-1,3-Dichloropropene	8.23	75	675823	47.38	ug/l	100
53) cis-1,3-Dichloropropene	7.25	75	797824	47.37	ug/l	98
54) 1,1,2-Trichloroethane	8.43	97	418211	46.95	ug/l	94
55) Ethyl methacrylate	8.57	69	553591	47.77	ug/l	92
56) 1,3-Dichloropropane	8.80	76	678767	46.71	ug/l	99
58) 2-Hexanone	9.44	43	1234057	223.71	ug/l	96
59) Dibromochloromethane	8.66	129	596875	47.28	ug/l	99
60) 1,2-Dibromoethane	8.93	107	506017	50.06	ug/l	95
63) Tetrachloroethene	8.11	164	558767	50.57	ug/l	97
64) Chlorobenzene	9.73	112	1502294	51.49	ug/l	100
65) 1,1,1,2-Tetrachloroethane	9.87	131	504189	47.27	ug/l	97
66) Ethyl Benzene	9.84	91	2454175	48.54	ug/l	99
67) m/p-Xylenes	10.08	106	1774573	97.93	ug/l	98
68) o-Xylene	10.66	106	919772	48.90	ug/l	93
69) Styrene	10.74	104	1489254	49.60	ug/l	97
70) Bromoform	10.72	173	396352	50.08	ug/l	99
72) Isopropylbenzene	11.07	105	2564629	50.76	ug/l	100
73) N-amyl acetate	11.33	43	689945	49.27	ug/l	92
74) 1,1,2,2-Tetrachloroethane	11.64	83	591700	51.67	ug/l	97
75) 1,2,3-Trichloropropane	11.74	75	416412	52.88	ug/l	95
76) Bromobenzene	11.45	156	747593	52.17	ug/l	87
77) n-propylbenzene	11.55	91	3268197	52.11	ug/l	97
78) 2-Chlorotoluene	11.67	91	1781899	50.79	ug/l	94
79) 1,3,5-Trimethylbenzene	11.78	105	2116002	51.39	ug/l	98
80) trans-1,4-Dichloro-2-buten	11.82	75	252177m	59.79	ug/l	
81) 4-Chlorotoluene	11.85	91	1989882	51.31	ug/l	94
82) tert-Butylbenzene	12.09	119	2048163	50.30	ug/l	99
83) 1,2,4-Trimethylbenzene	12.16	105	2057637	48.74	ug/l	98
84) sec-Butylbenzene	12.26	105	2792661	49.33	ug/l	93
85) p-Isopropyltoluene	12.41	119	2156035	48.92	ug/l	98
86) 1,3-Dichlorobenzene	12.42	146	1234572	50.68	ug/l	98
87) 1,4-Dichlorobenzene	12.51	146	1226553	50.43	ug/l	99
88) n-Butylbenzene	12.80	91	2214689	49.99	ug/l	98
89) Hexachloroethane	12.87	117	500348	47.96	ug/l	90
90) 1,2-Dichlorobenzene	12.89	146	1135374	50.67	ug/l	96
91) 1,2-Dibromo-3-Chloropropan	13.59	75	81709	53.75	ug/l	83
92) 1,2,4-Trichlorobenzene	14.14	180	685249	52.85	ug/l	97
93) Hexachlorobutadiene	14.13	225	515676	52.36	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Naphthalene	14.39	128	1272526	51.91	ug/l	99
95) 1,2,3-Trichlorobenzene	14.53	180	543367	51.01	ug/l	98

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

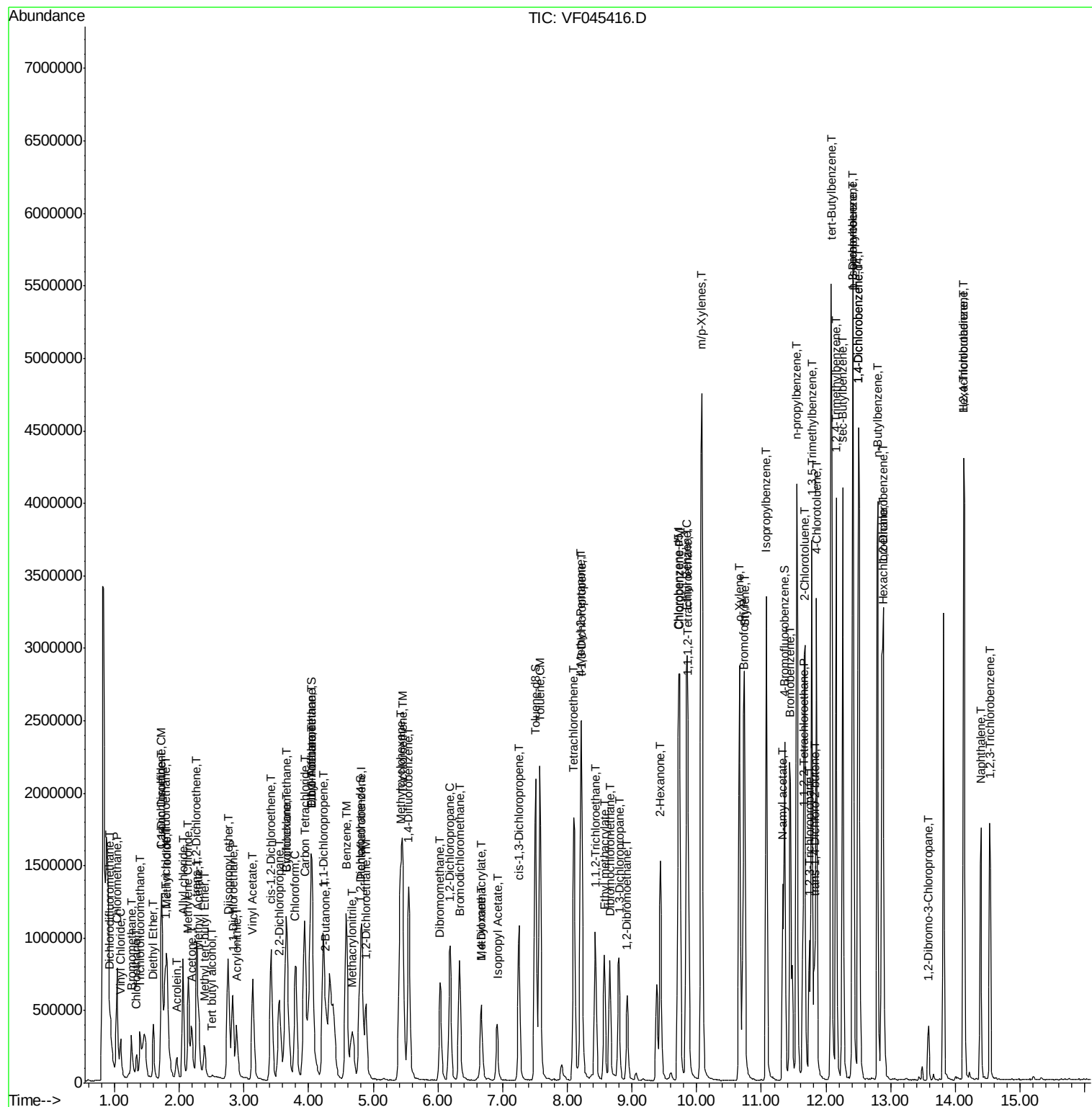
Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
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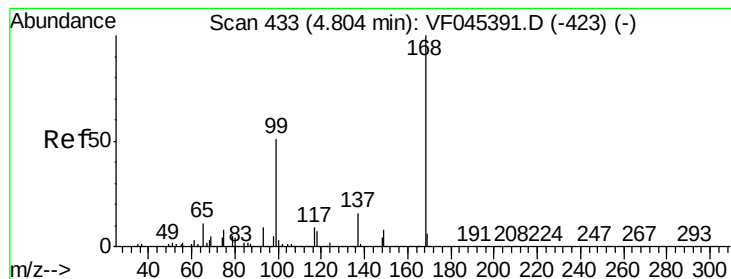
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 435

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 987653

Ion Ratio Lower Upper

168 100

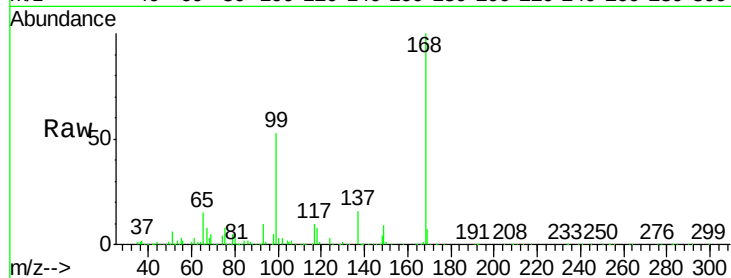
99 53.0 39.0 58.4

Manual Integrations

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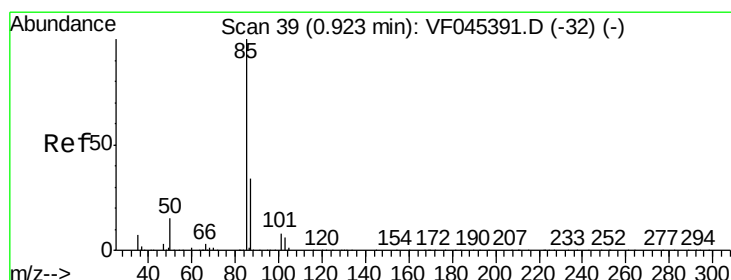
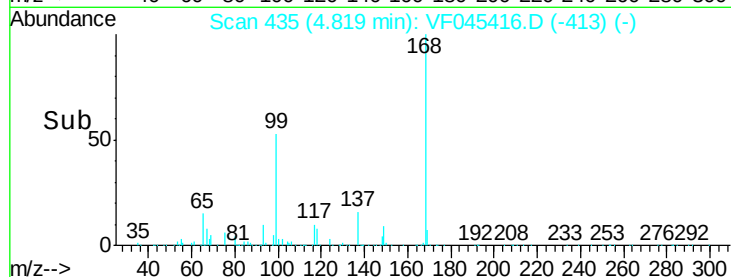
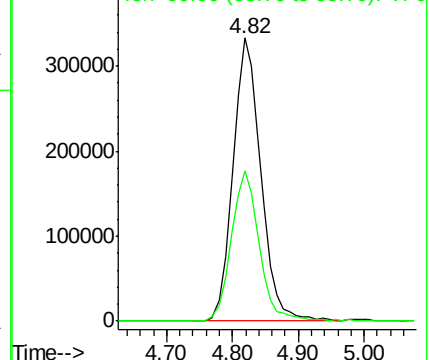
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 49.68 ug/l

RT: 0.94 min Scan# 41

Delta R.T. 0.02 min

Lab File: VF045416.D

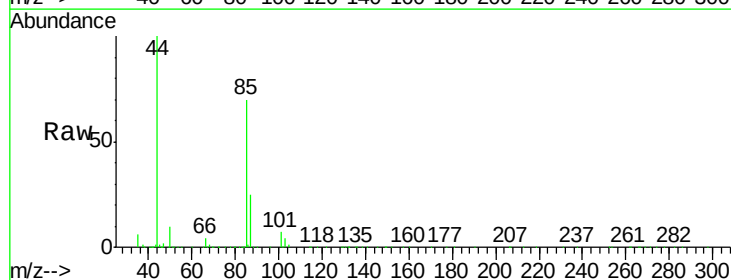
Acq: 17 Sep 2015 19:48

Tgt Ion: 85 Resp: 417902

Ion Ratio Lower Upper

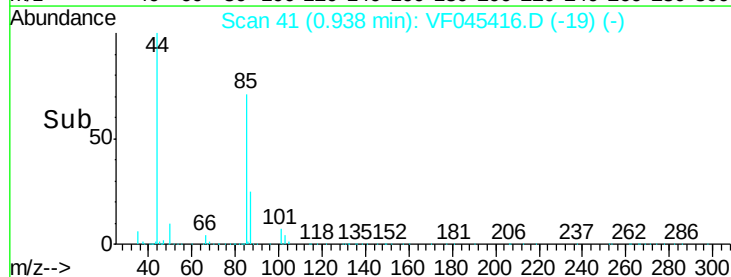
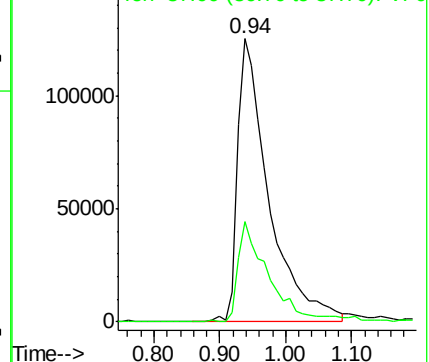
85 100

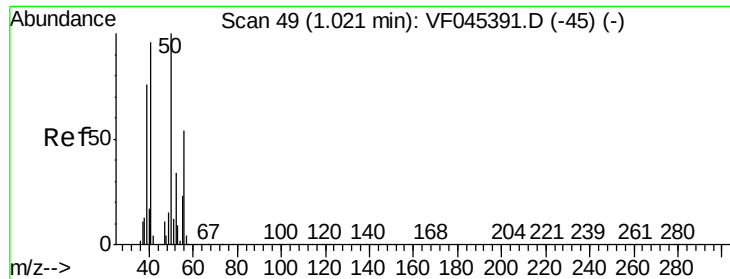
87 35.4 15.6 46.7



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 50.99 ug/l

RT: 1.03 min Scan# 50

Delta R.T. 0.01 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 367204

Ion Ratio Lower Upper

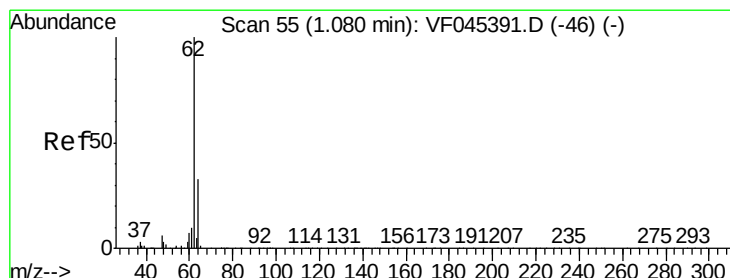
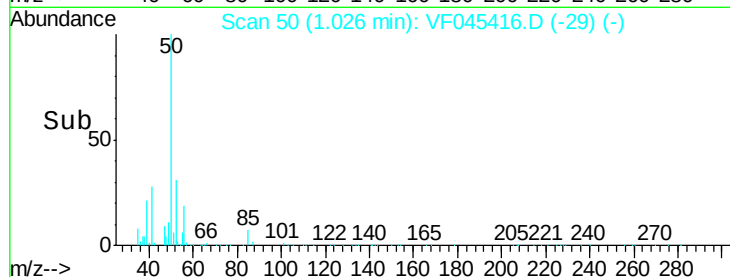
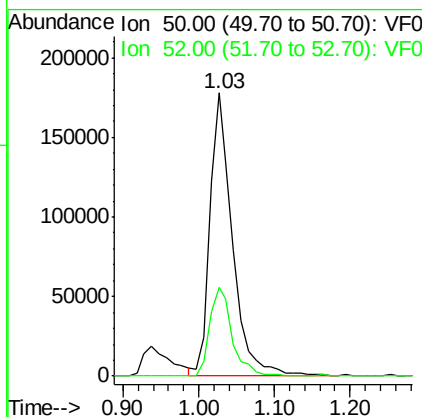
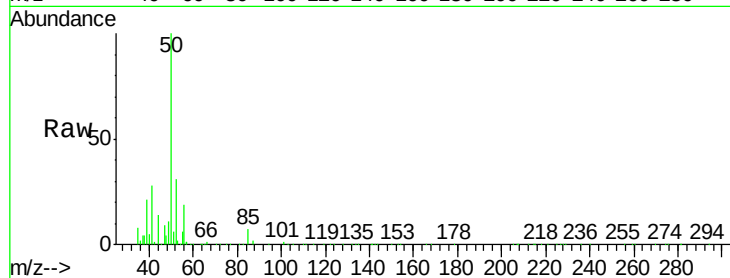
50 100

52 31.4 23.8 35.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.74 ug/l

RT: 1.10 min Scan# 57

Delta R.T. 0.02 min

Lab File: VF045416.D

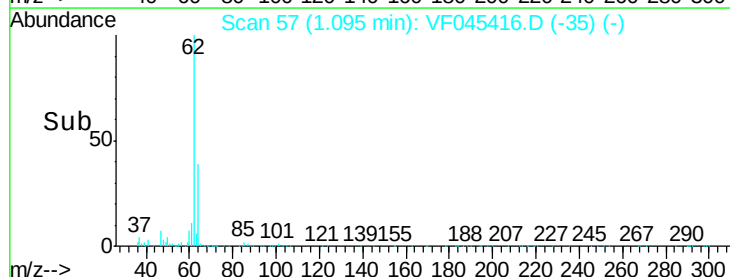
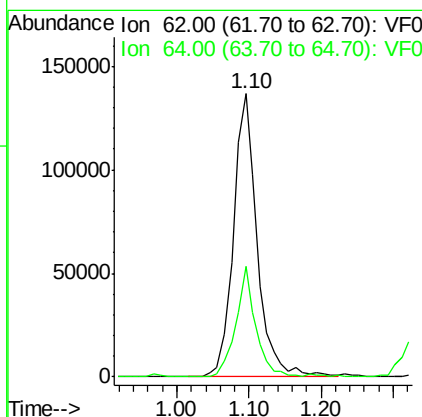
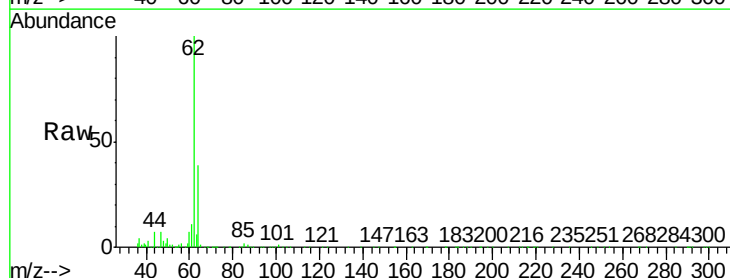
Acq: 17 Sep 2015 19:48

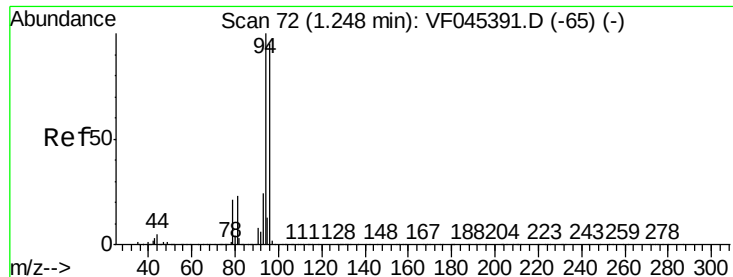
Tgt Ion: 62 Resp: 313218

Ion Ratio Lower Upper

62 100

64 39.1 26.6 39.8





#5

Bromomethane

Concen: 47.01 ug/l

RT: 1.26 min Scan# 74

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tot Ion: 94 Resp: 180157

Ion Ratio Lower Upper

94 100

96 106.7 75.0 112.4

Instrument :

MSVOA_F

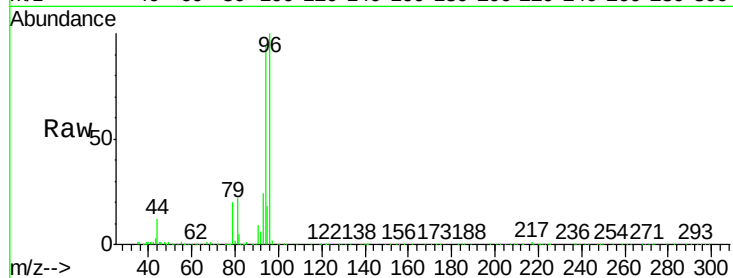
ClientSampleId :

VSTDCCC050EC

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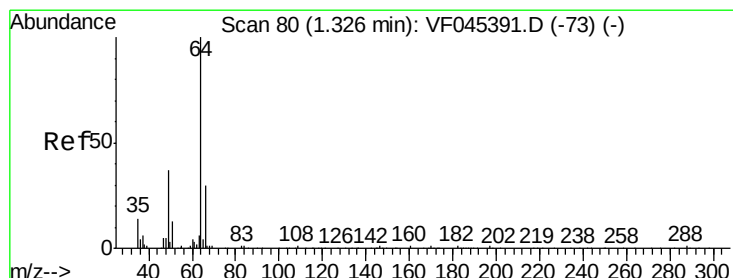
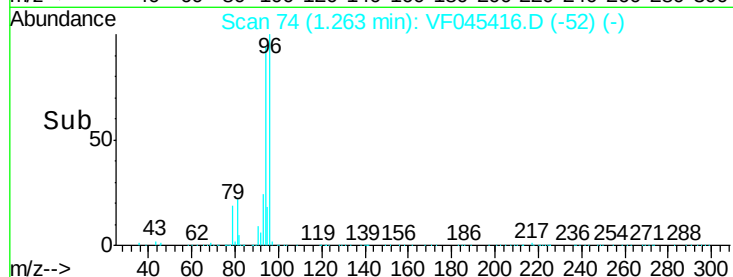
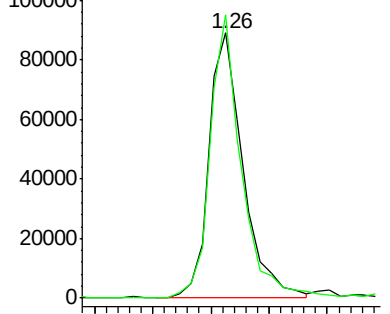
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Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 52.37 ug/l

RT: 1.34 min Scan# 82

Delta R.T. 0.02 min

Lab File: VF045416.D

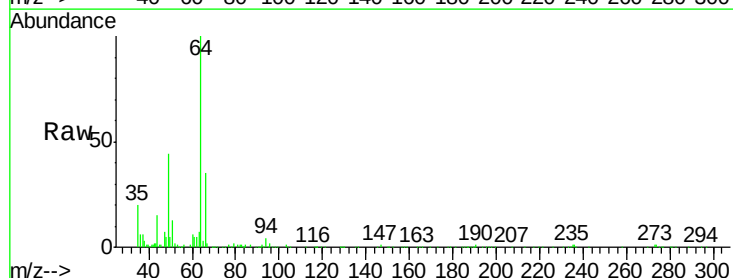
Acq: 17 Sep 2015 19:48

Tgt Ion: 64 Resp: 128817

Ion Ratio Lower Upper

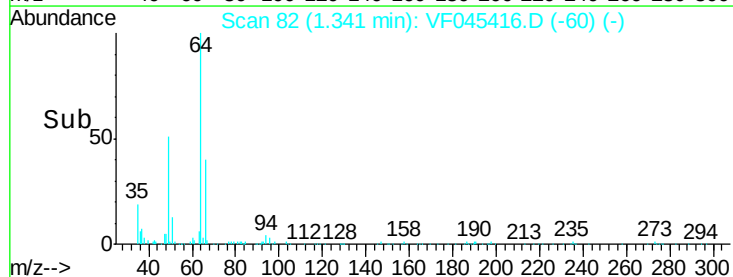
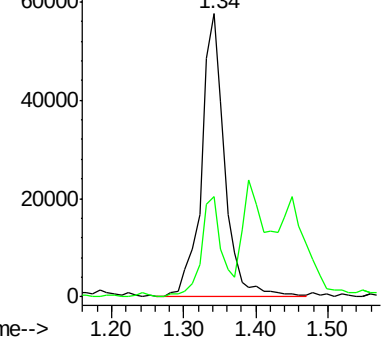
64 100

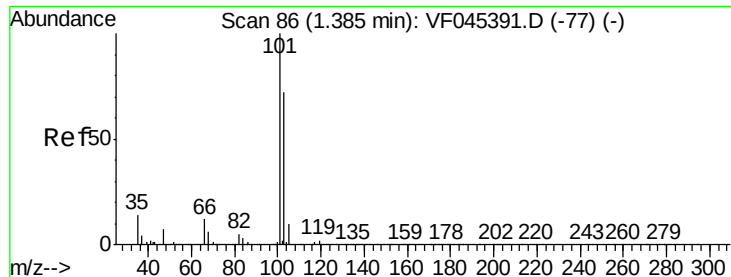
66 35.3 27.3 40.9



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

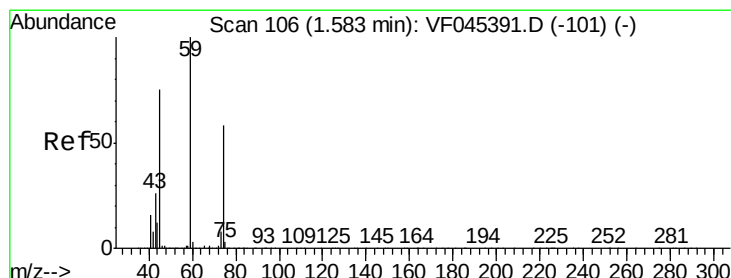
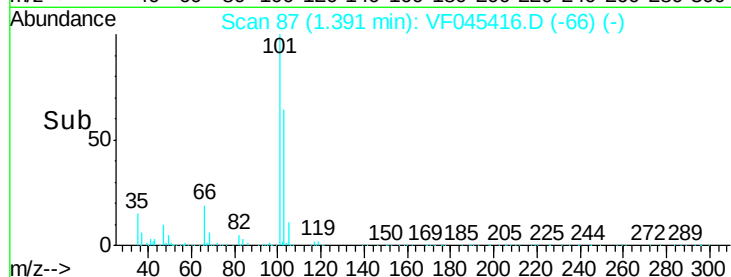
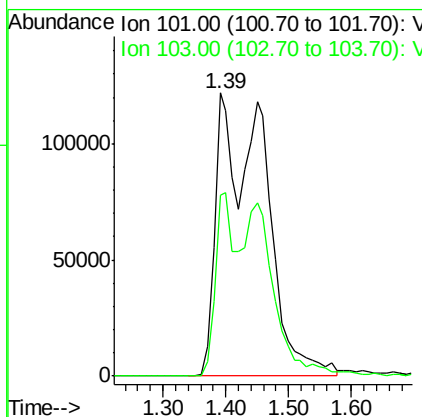
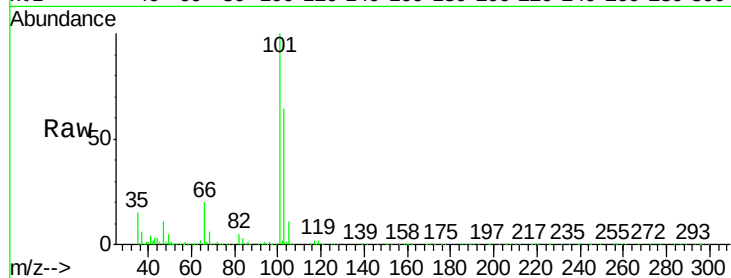
Trichlorofluoromethane
 Concen: 51.23 ug/l m
 RT: 1.39 min Scan# 87
 Delta R.T. 0.01 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.8	76.2

Manual Integrations
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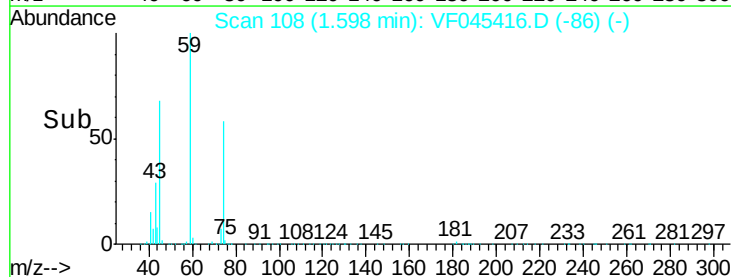
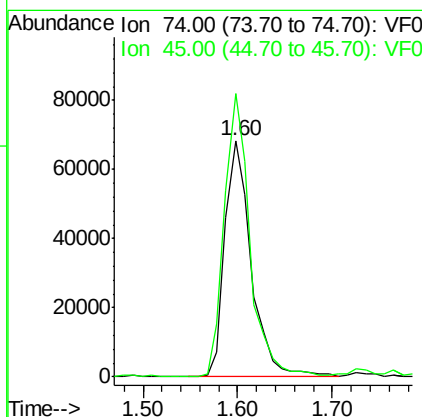
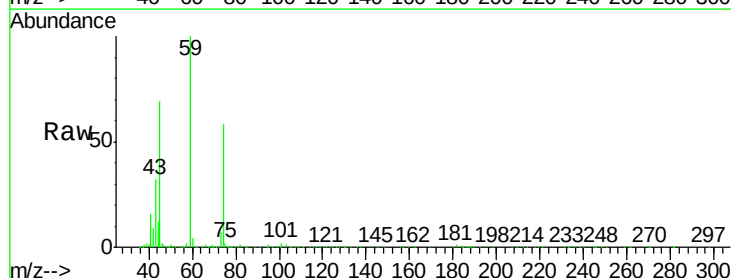
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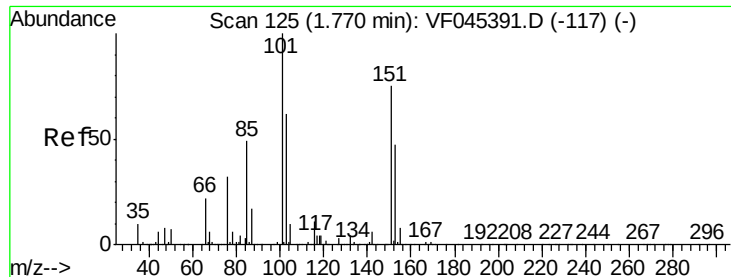


#8

Diethyl Ether
 Concen: 49.98 ug/l
 RT: 1.60 min Scan# 108
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.7	60.9	182.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.55 ug/l

RT: 1.78 min Scan# 127

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

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MSVOA_F

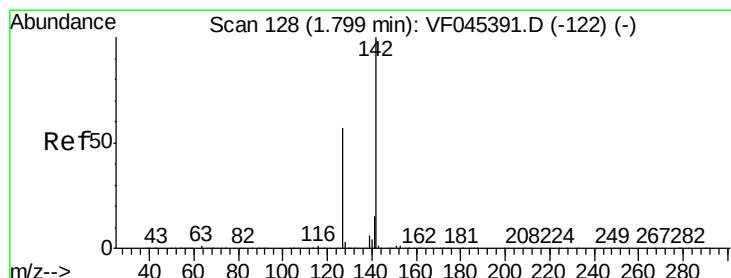
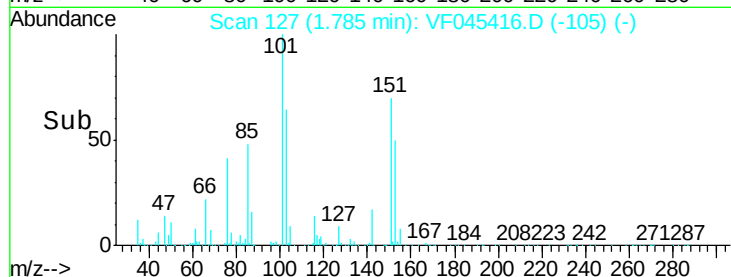
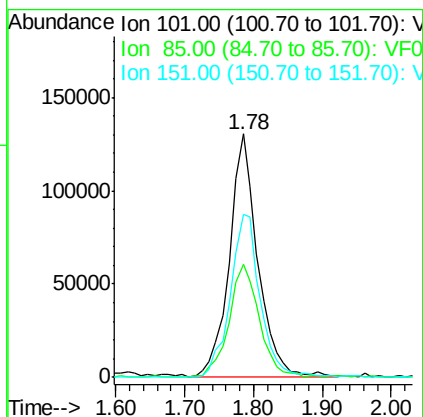
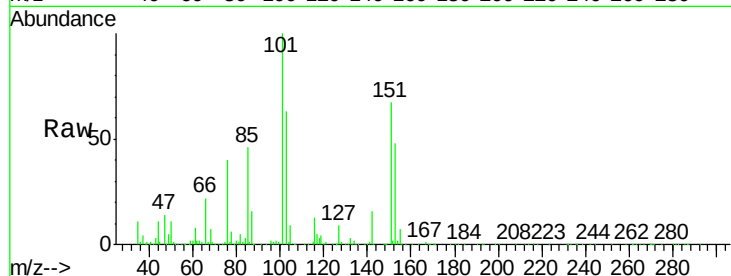
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	368413
Ion Ratio	Lower	Upper	
101	100		
85	46.4	40.0	60.0
151	67.1	62.8	94.2

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#10

Methyl Iodide

Concen: 48.77 ug/l

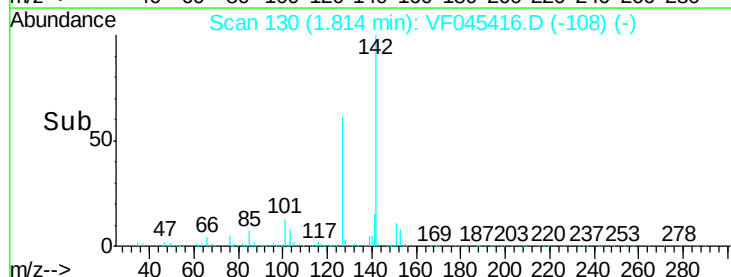
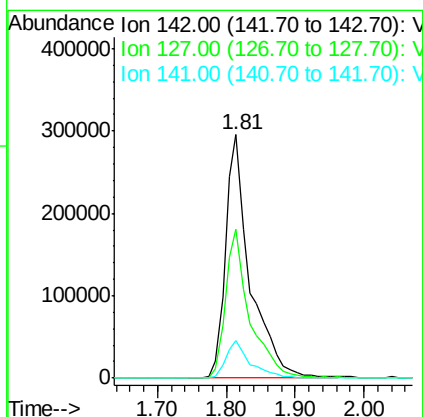
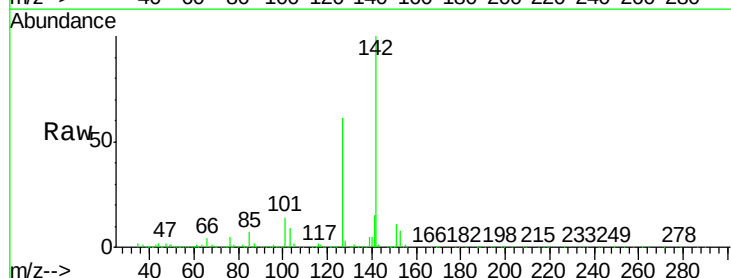
RT: 1.81 min Scan# 130

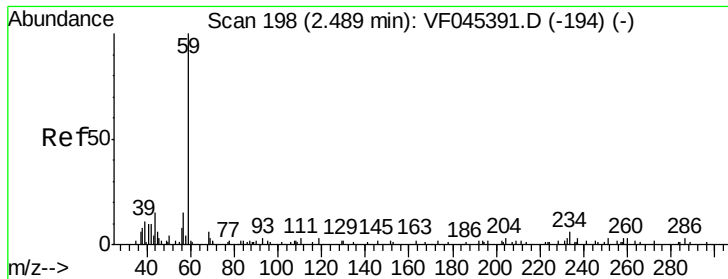
Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion:	142	Resp:	726914
Ion Ratio	Lower	Upper	
142	100		
127	61.2	43.3	64.9
141	15.2	12.1	18.1





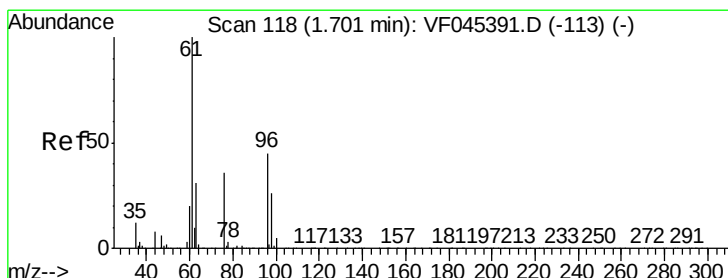
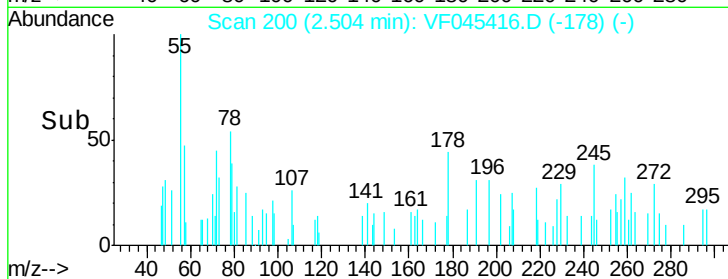
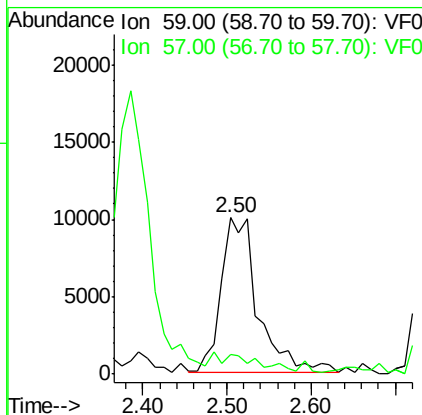
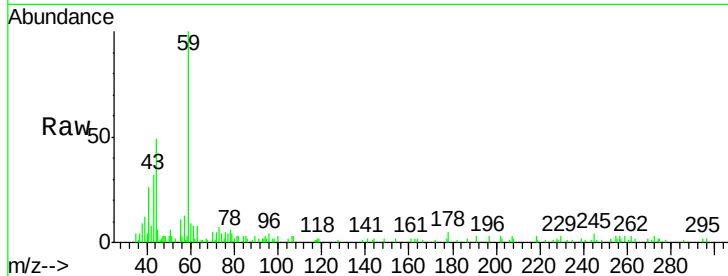
#11
Tert butyl alcohol
Concen: 256.24 ug/l
RT: 2.50 min Scan# 200
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 30539
Ion Ratio Lower Upper
59 100
57 14.0 8.6 13.0#

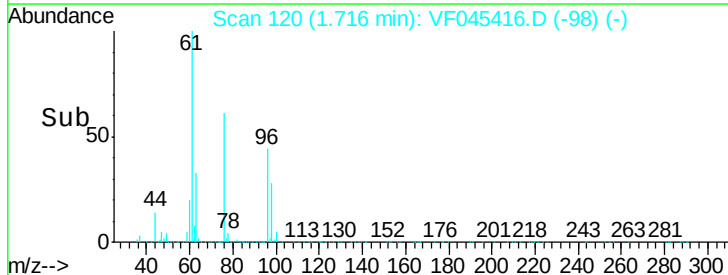
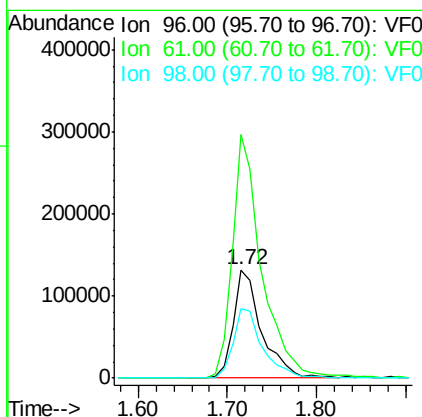
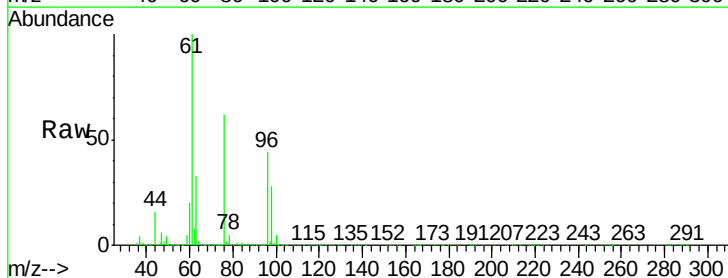
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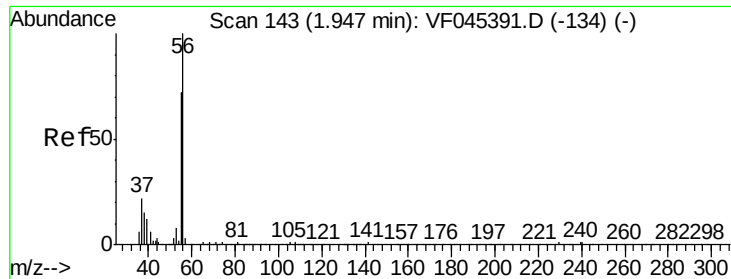
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#12
1,1-Dichloroethene
Concen: 47.95 ug/l
RT: 1.72 min Scan# 120
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion: 96 Resp: 290311
Ion Ratio Lower Upper
96 100
61 224.8 165.8 248.8
98 63.7 51.2 76.8





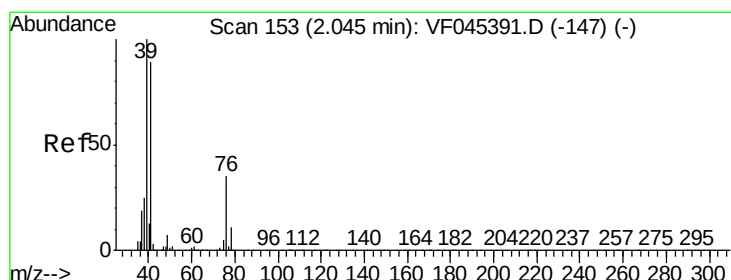
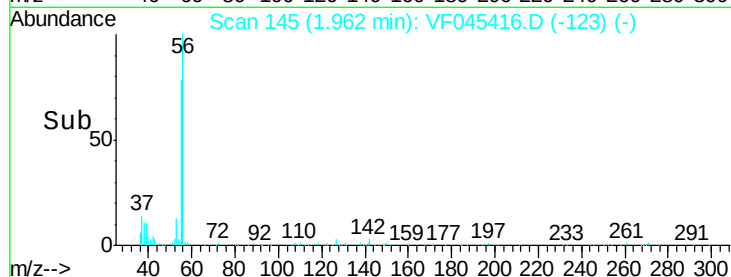
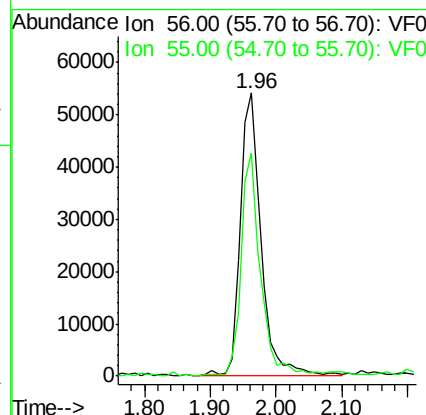
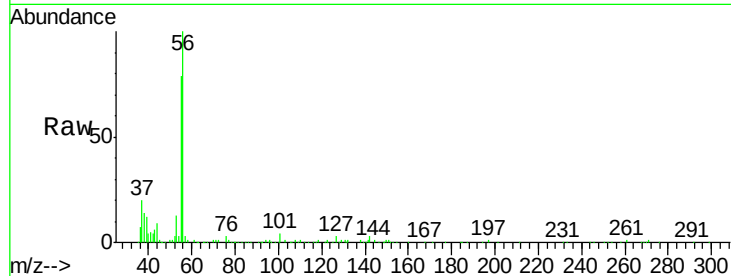
#13
Acrolein
Concen: 244.29 ug/l
RT: 1.96 min Scan# 145
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	78.7	60.5	90.7	

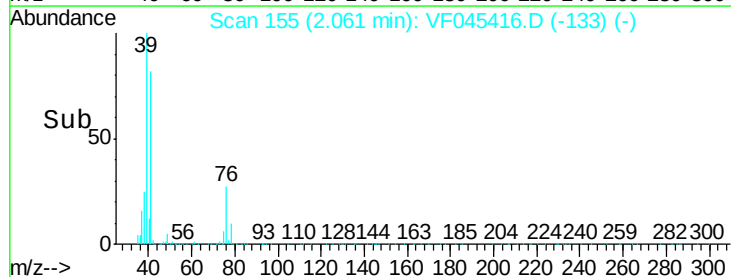
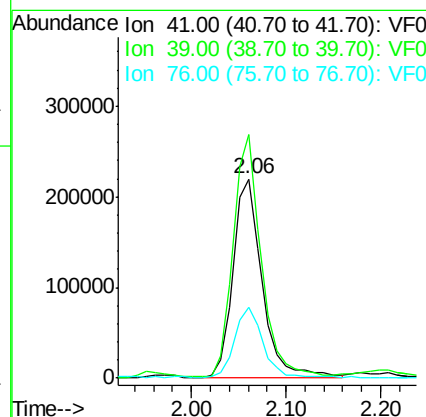
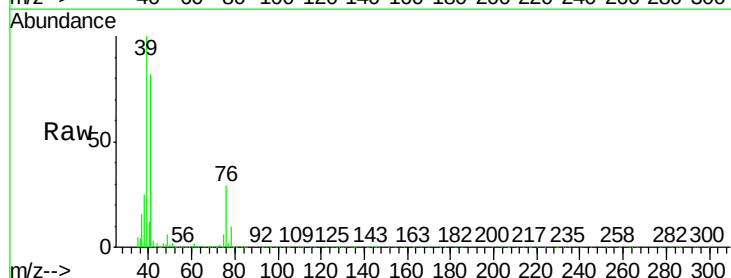
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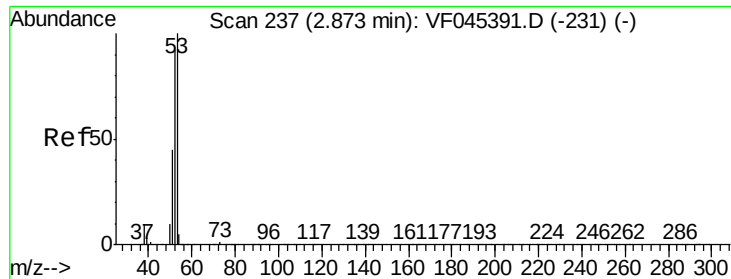
MMDadoda
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#14
Allyl chloride
Concen: 49.18 ug/l
RT: 2.06 min Scan# 155
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	122.3	92.8	139.2	
76	35.6	27.7	41.5	





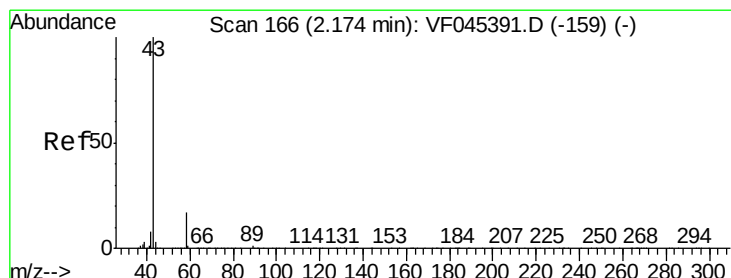
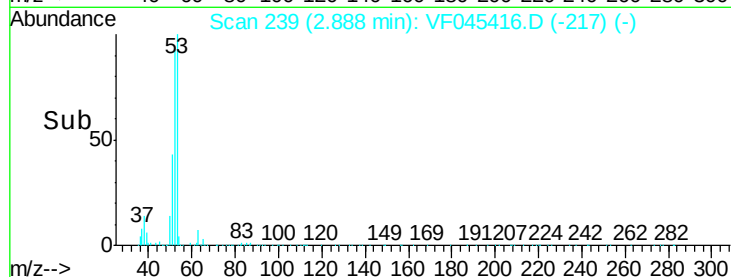
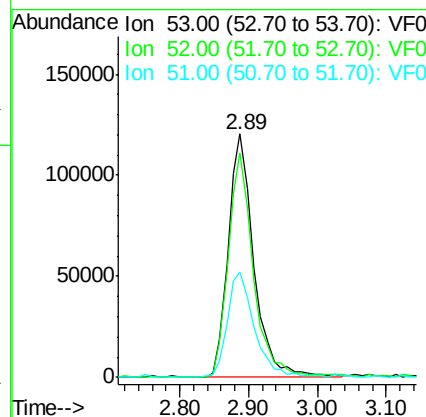
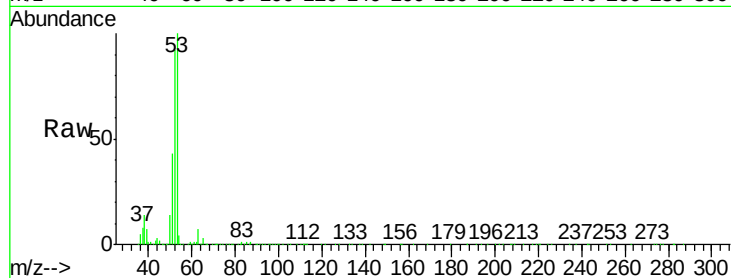
#15
 Acrylonitrile
 Concen: 271.13 ug/l
 RT: 2.89 min Scan# 239
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	53	Resp	308816
Ion Ratio	Lower	Upper	
53	100		
52	92.4	72.7	109.1
51	43.4	42.2	63.2

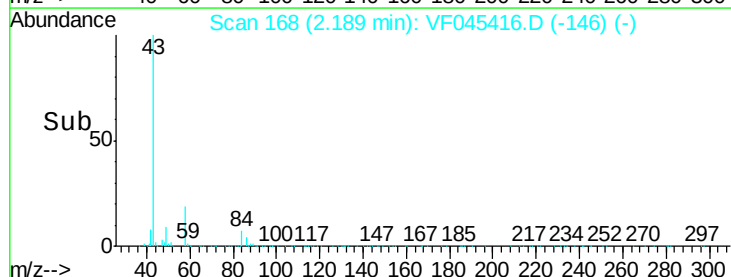
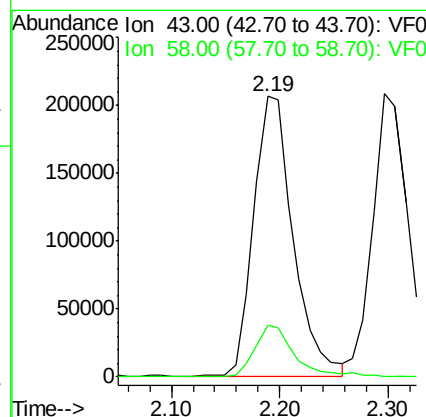
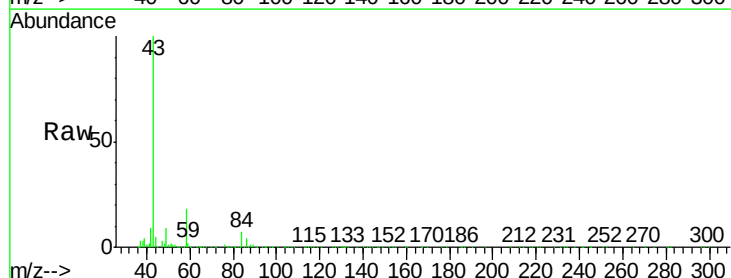
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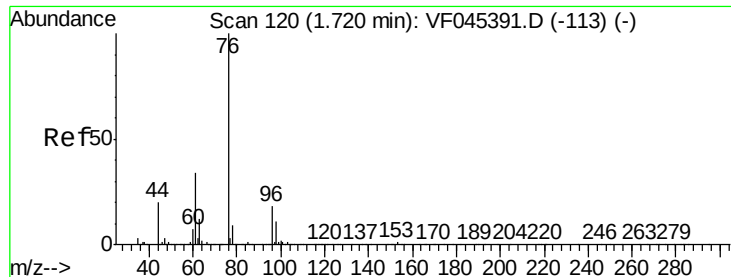
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#16
 Acetone
 Concen: 219.13 ug/l
 RT: 2.19 min Scan# 168
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion	43	Resp	527635
Ion Ratio	Lower	Upper	
43	100		
58	18.5	13.9	20.9





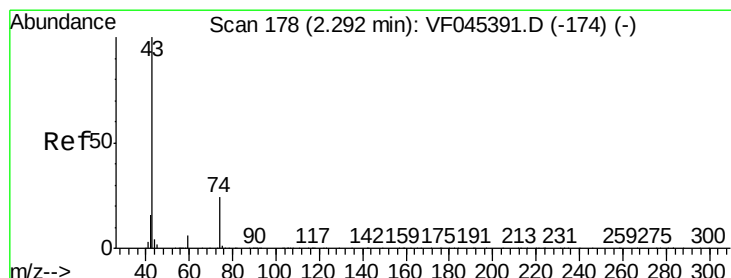
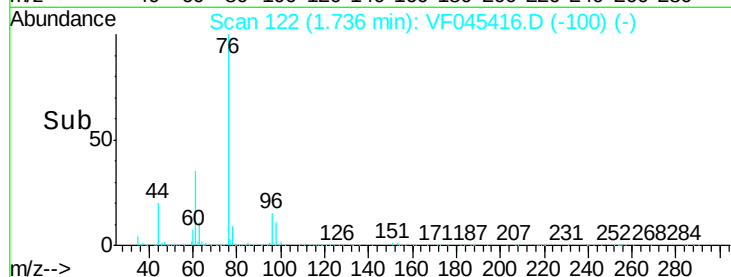
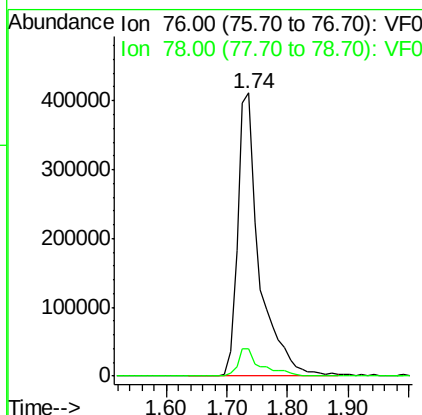
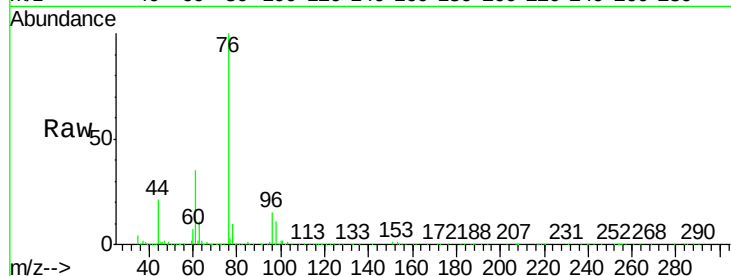
#17
Carbon Disulfide
Concen: 49.11 ug/l
RT: 1.74 min Scan# 122
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 1013298
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

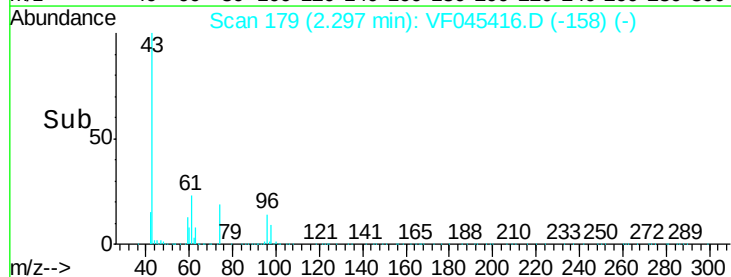
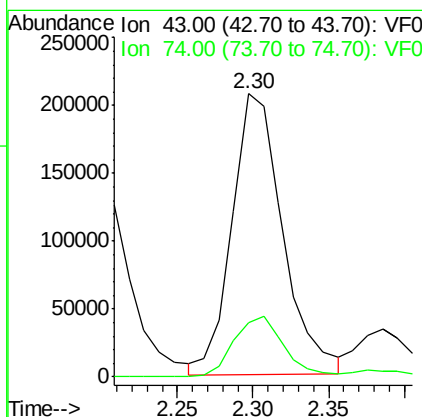
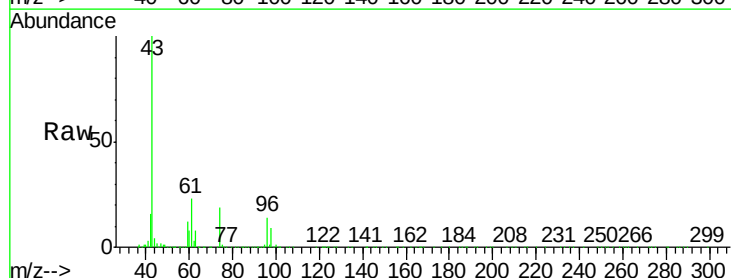
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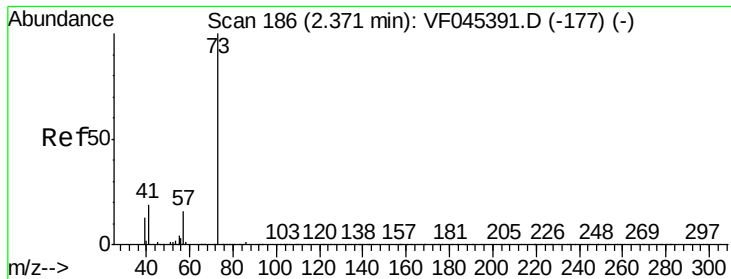
MMDadoda
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#18
Methyl Acetate
Concen: 52.71 ug/l
RT: 2.30 min Scan# 179
Delta R.T. 0.01 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion: 43 Resp: 486835
Ion Ratio Lower Upper
43 100
74 19.4 15.1 22.7





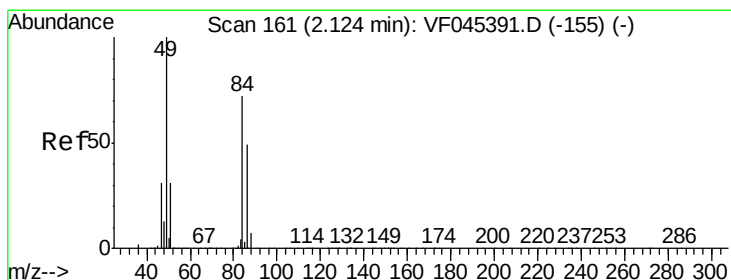
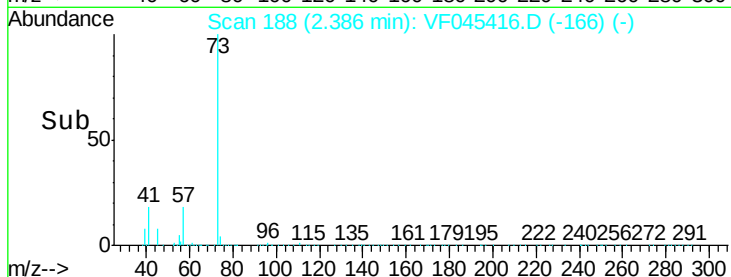
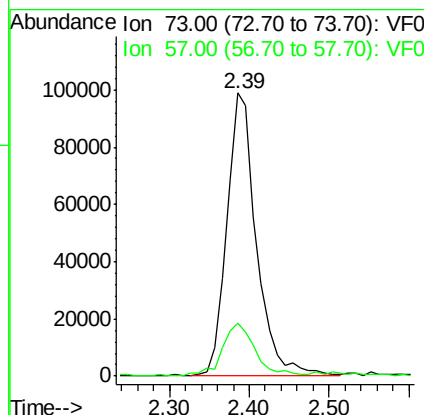
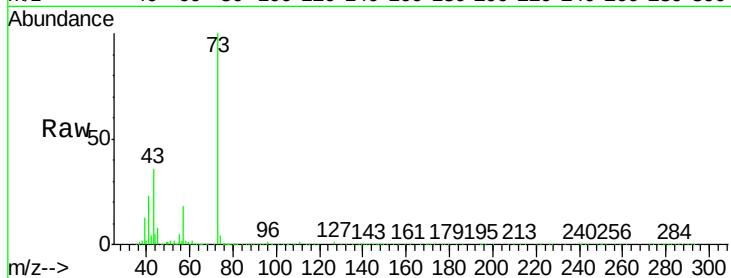
#19
Methyl tert-butyl Ether
Concen: 54.18 ug/l
RT: 2.39 min Scan# 188
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	18.5	12.9	19.3

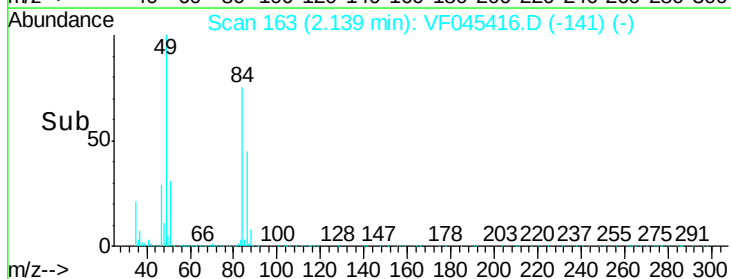
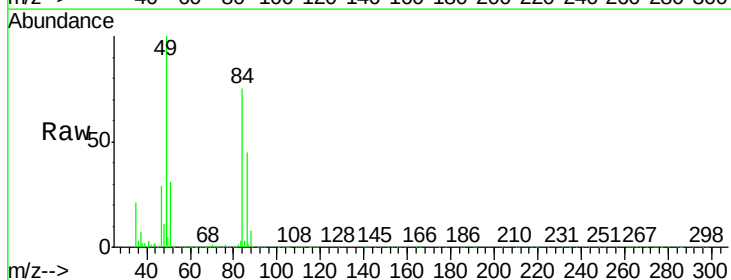
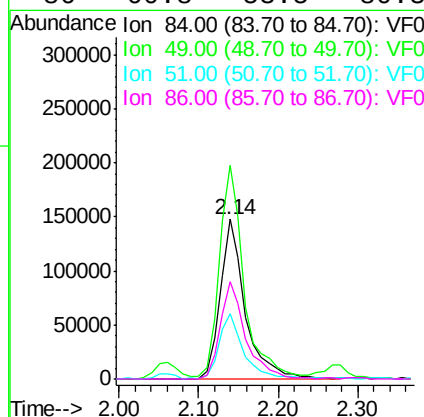
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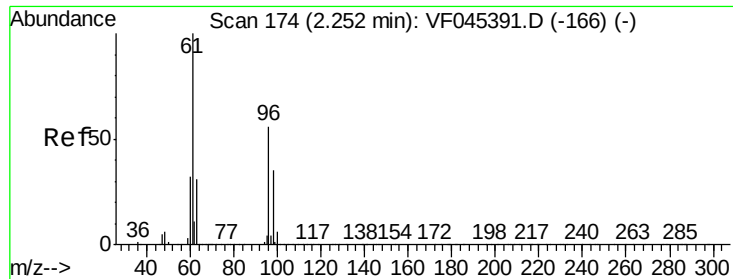
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#20
Methylene Chloride
Concen: 49.92 ug/l
RT: 2.14 min Scan# 163
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	133.9	122.8	184.2
51	51	41.2	35.4	53.2
86	86	60.8	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 50.52 ug/l

RT: 2.27 min Scan# 176

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

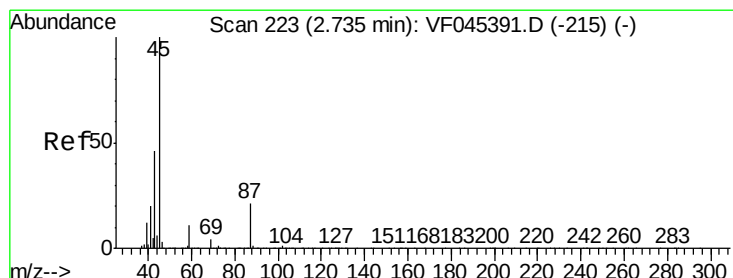
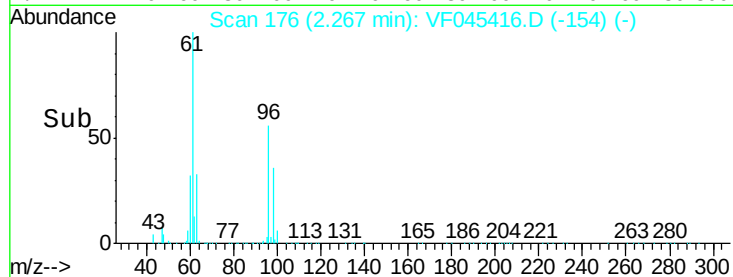
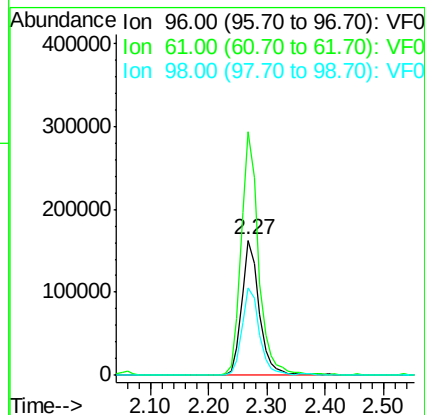
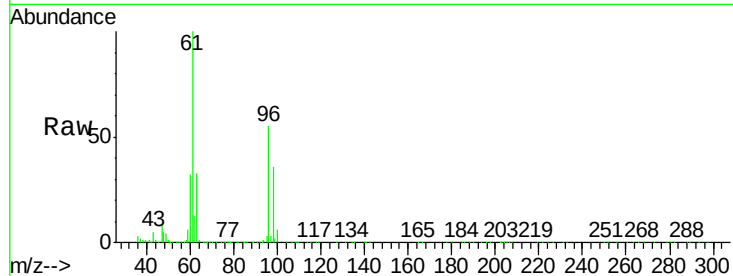
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	342941
Ion Ratio	Lower	Upper	
96	100		
61	180.6	136.8	205.2
98	64.9	51.0	76.4

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#22

Diisopropyl ether

Concen: 48.85 ug/l

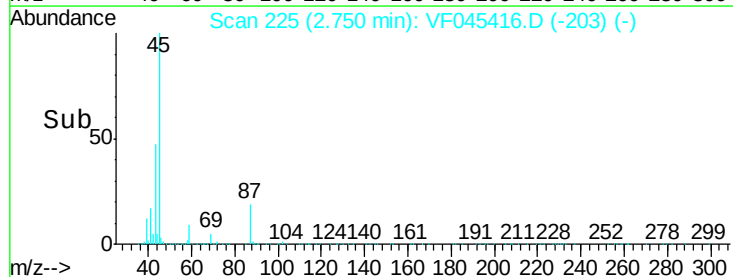
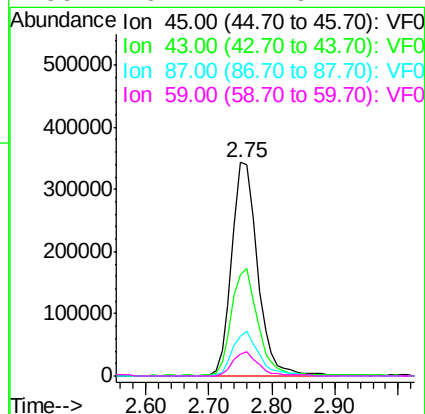
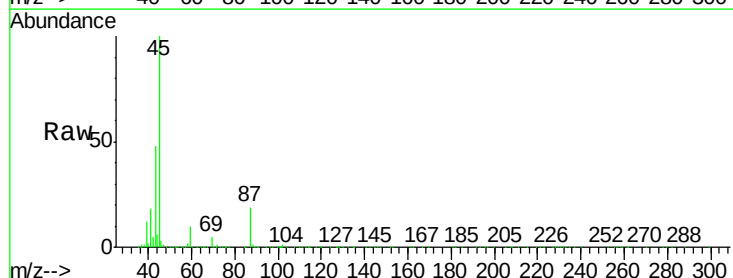
RT: 2.75 min Scan# 225

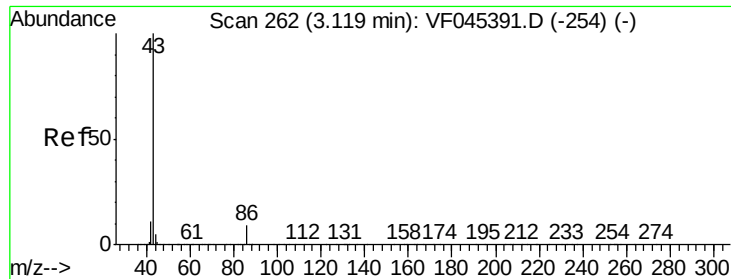
Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion:	45	Resp:	978195
Ion Ratio	Lower	Upper	
45	100		
43	47.6	42.2	63.4
87	18.6	16.6	25.0
59	10.2	7.6	11.4





#23

Vinyl Acetate

Concen: 246.44 ug/l

RT: 3.13 min Scan# 264

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1440469

Ion Ratio Lower Upper

43 100

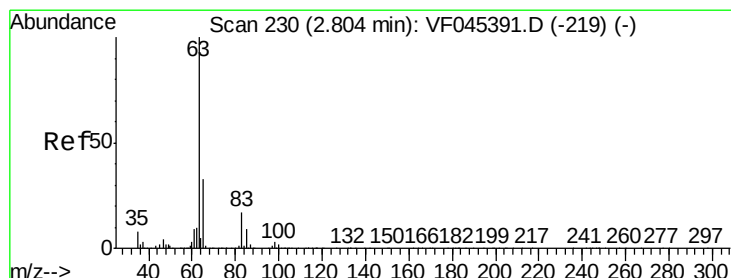
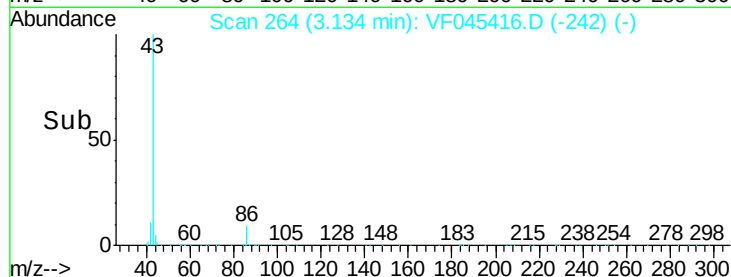
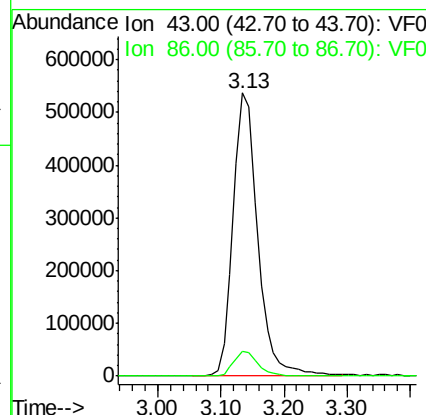
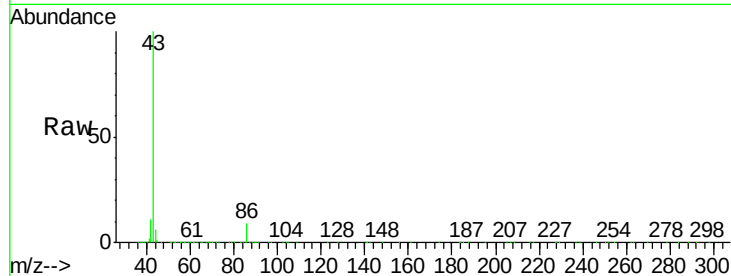
86 8.8 6.3 9.5

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#24

1,1-Dichloroethane

Concen: 50.20 ug/l

RT: 2.82 min Scan# 232

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

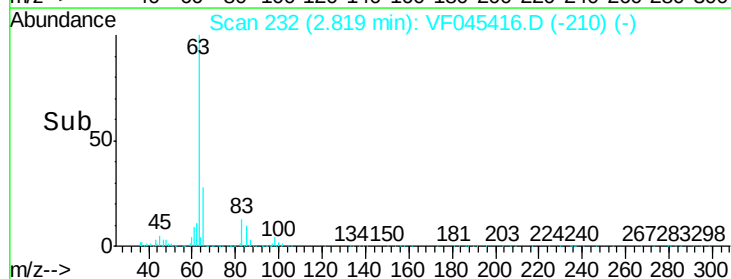
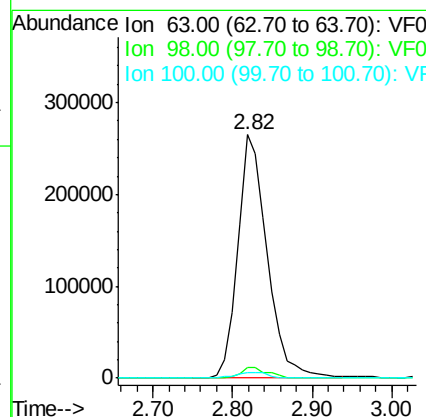
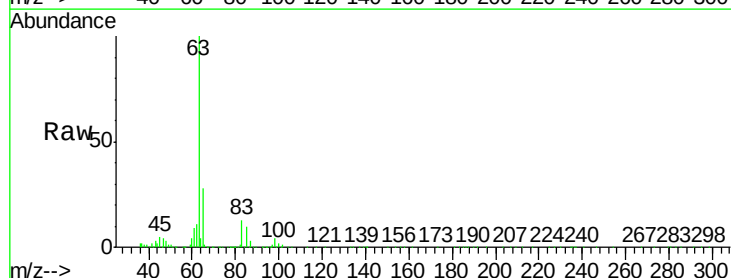
Tgt Ion: 63 Resp: 680416

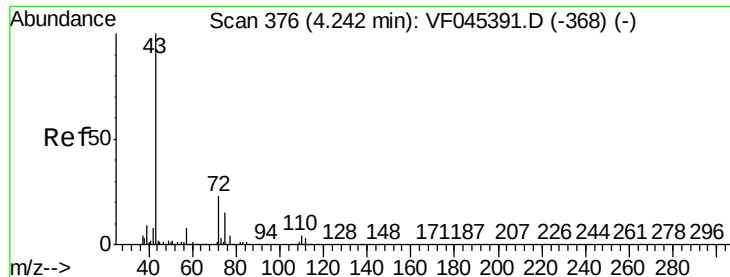
Ion Ratio Lower Upper

63 100

98 4.3 2.2 6.6

100 2.3 1.1 3.5





#25

2-Butanone

Concen: 241.58 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tot Ion: 43 Resp: 813688

Ion Ratio Lower Upper

43 100

72 26.2 20.2 30.2

Instrument :

MSVOA_F

ClientSampleId :

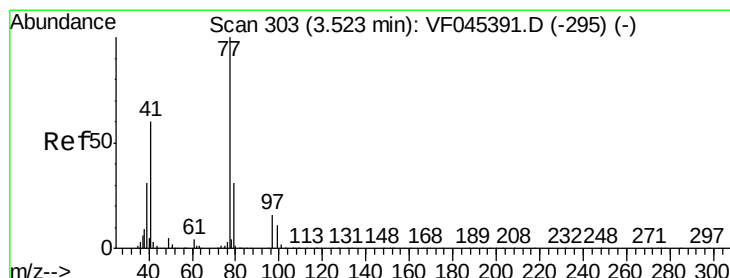
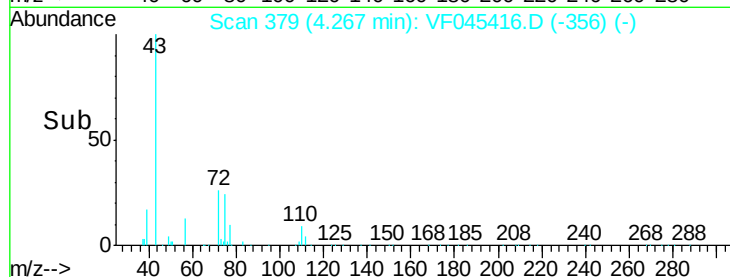
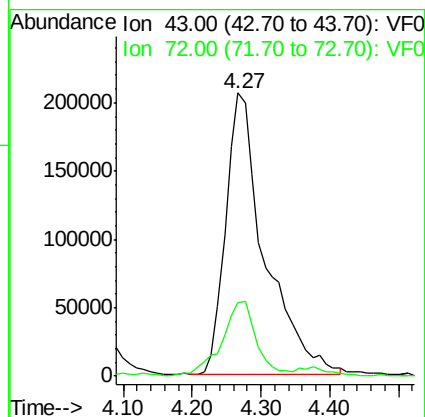
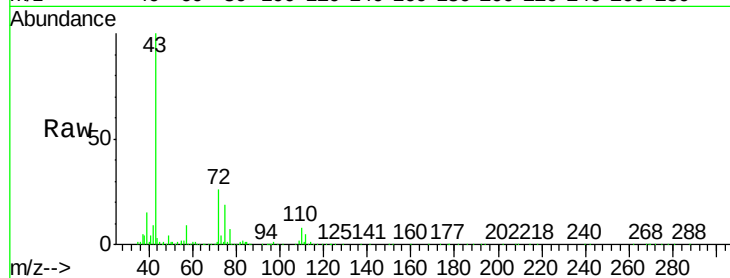
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 47.30 ug/l

RT: 3.55 min Scan# 306

Delta R.T. 0.02 min

Lab File: VF045416.D

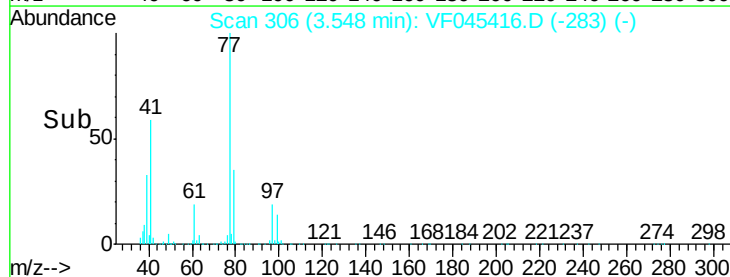
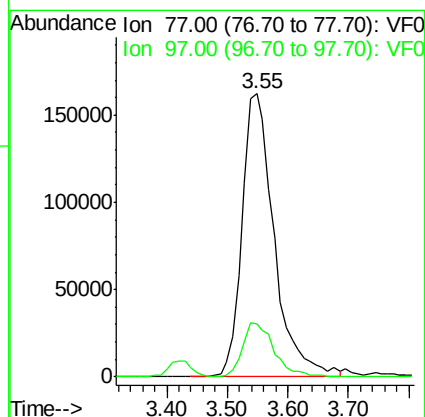
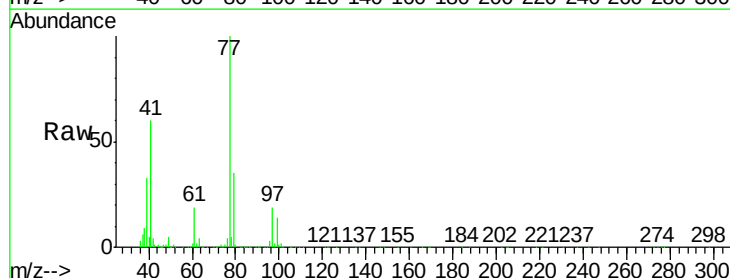
Acq: 17 Sep 2015 19:48

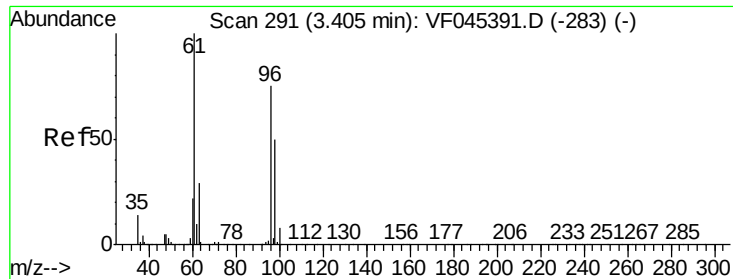
Tgt Ion: 77 Resp: 597034

Ion Ratio Lower Upper

77 100

97 18.9 9.2 27.4





#27

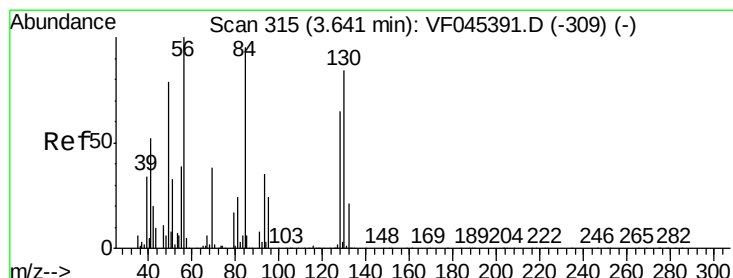
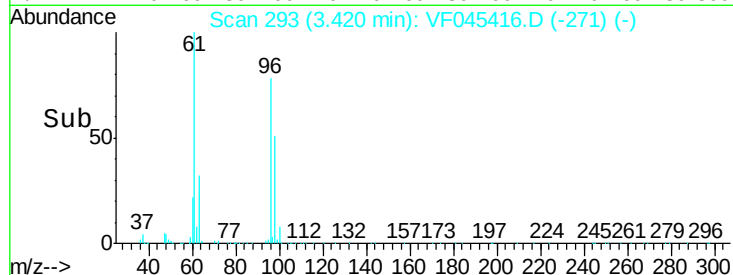
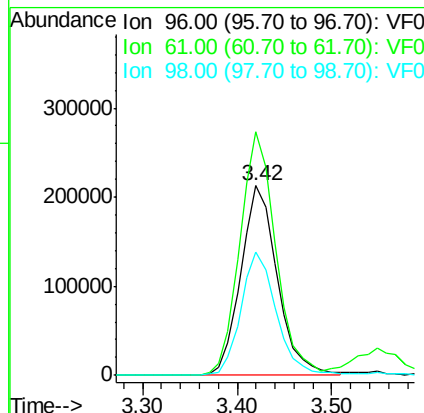
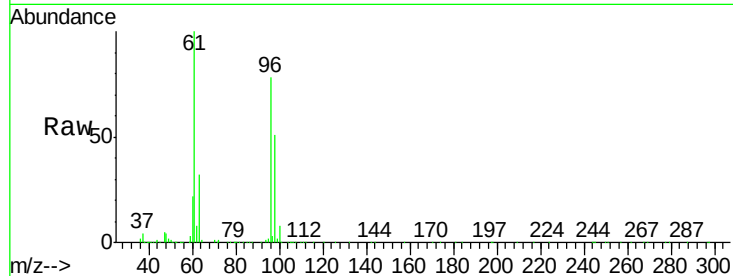
cis-1,2-Dichloroethene
Concen: 54.45 ug/l
RT: 3.42 min Scan# 293
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	570846		
61	128.4		0.0	268.6
98	65.2		0.0	135.8

Manual Integrations
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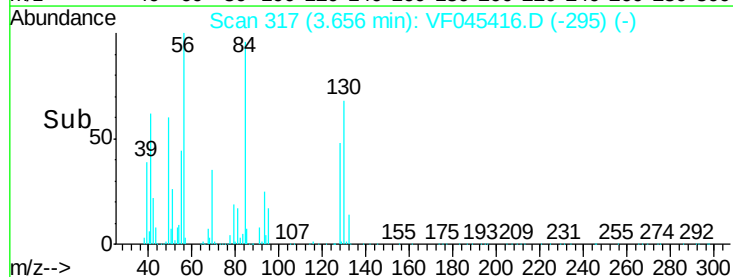
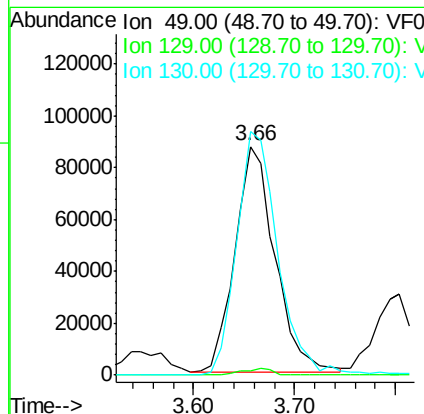
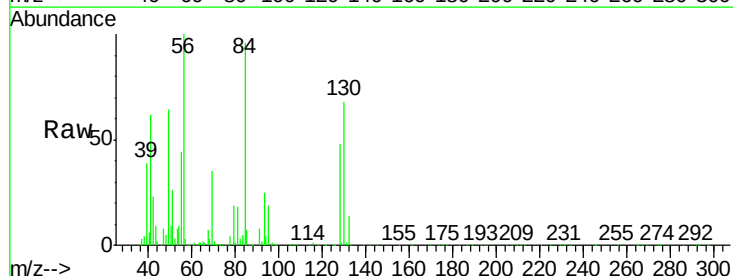
MMDadoda
9/18/2015 12:29:05 PM

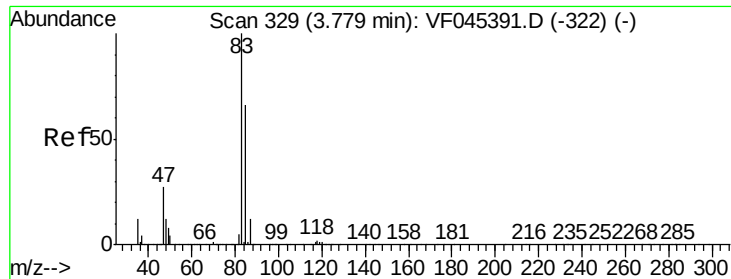


#28

Bromochloromethane
Concen: 44.93 ug/l
RT: 3.66 min Scan# 317
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	239173		
129	1.9		0.0	0.0#
130	106.5		79.6	119.4





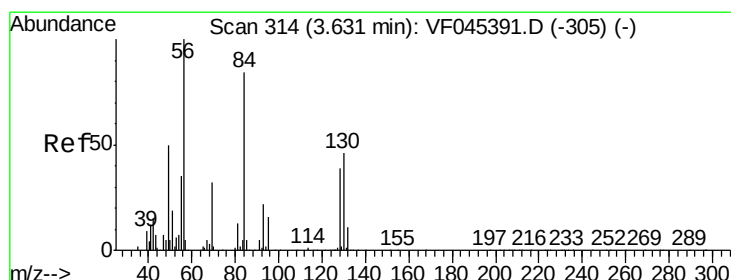
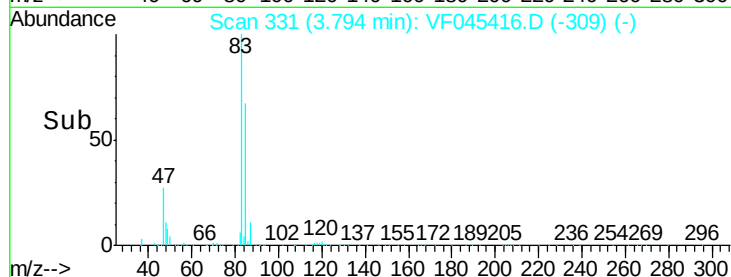
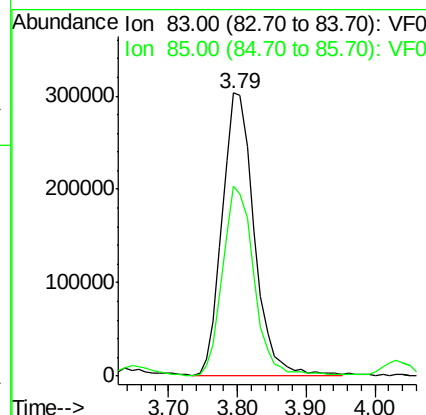
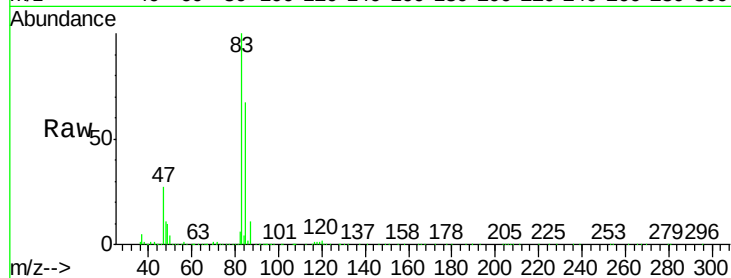
#29
Chloroform
Concen: 51.30 ug/l
RT: 3.79 min Scan# 331
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	977354
Ion Ratio	100	Lower	Upper
83	100		
85	67.1	51.6	77.4

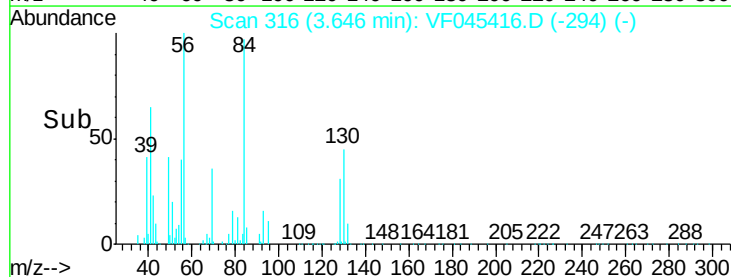
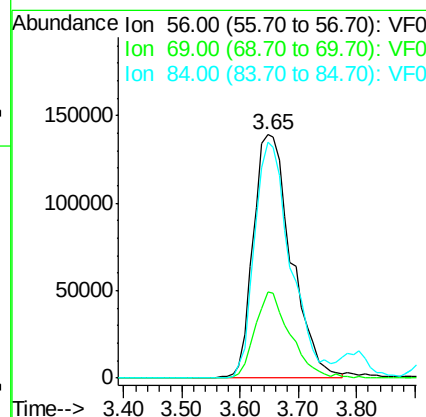
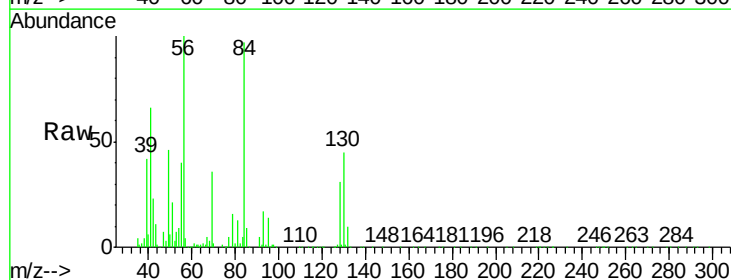
Manual Integrations
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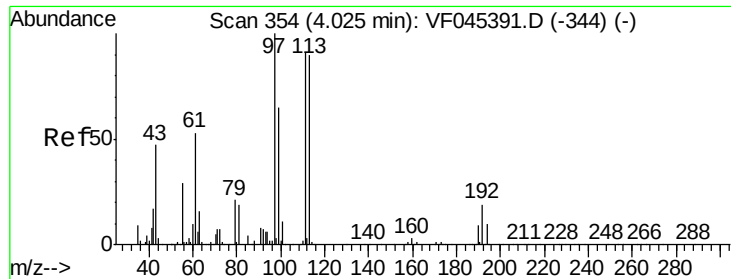
MMDadoda
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#30
Cyclohexane
Concen: 51.83 ug/l
RT: 3.65 min Scan# 316
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	56	Resp	633923
Ion Ratio	100	Lower	Upper
56	100		
69	35.7	26.1	39.1
84	96.9	72.2	108.4





#31

1,1,1-Trichloroethane

Concen: 48.61 ug/l

RT: 4.04 min Scan# 356

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

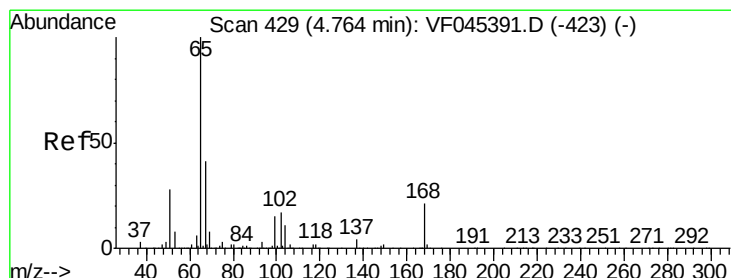
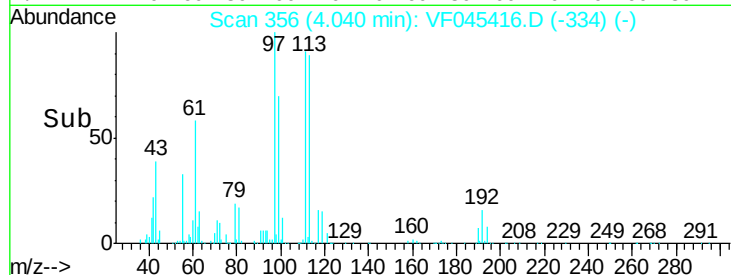
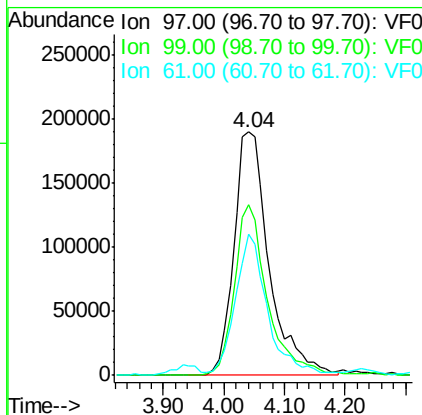
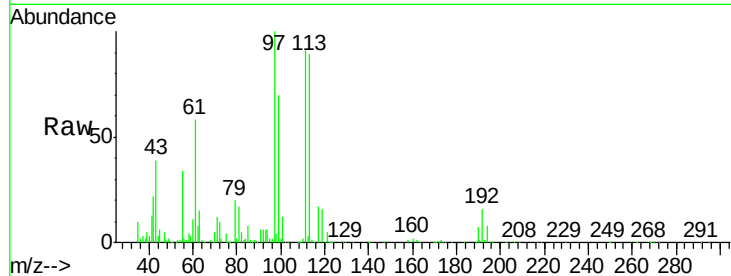
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	767190
Ion Ratio	Lower	Upper	
97	100		
99	70.1	51.1	76.7
61	58.0	37.8	56.6#

Manual Integrations
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#32

1,2-Dichloroethane-d4

Concen: 53.22 ug/l

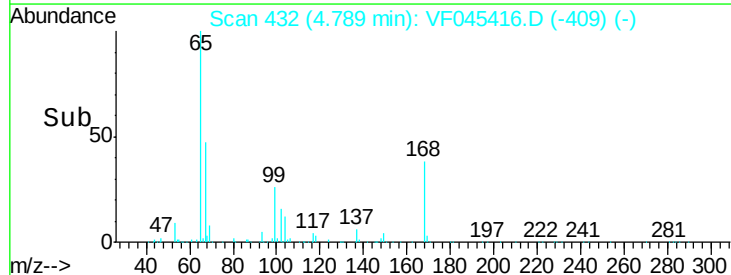
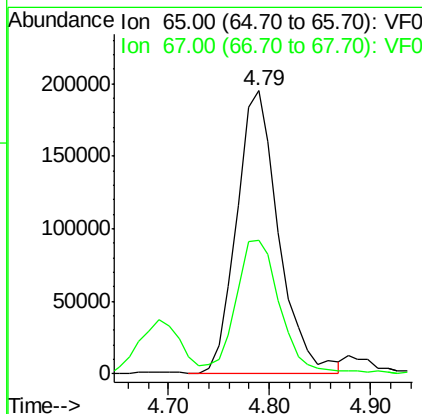
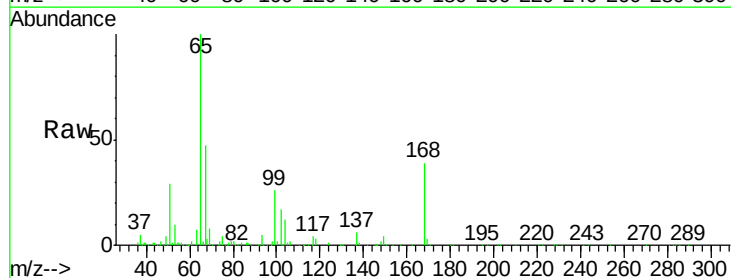
RT: 4.79 min Scan# 432

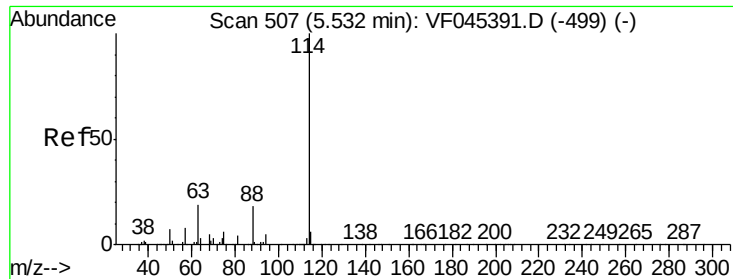
Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion:	65	Resp:	564414
Ion Ratio	Lower	Upper	
65	100		
67	47.4	0.0	102.2





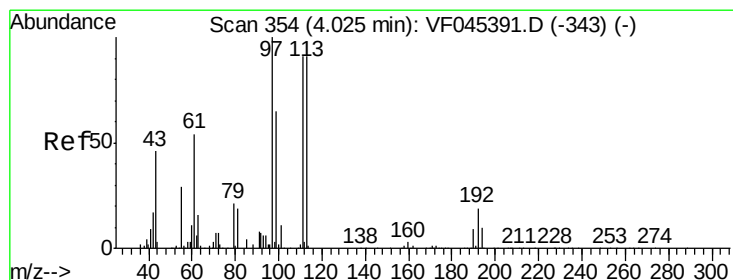
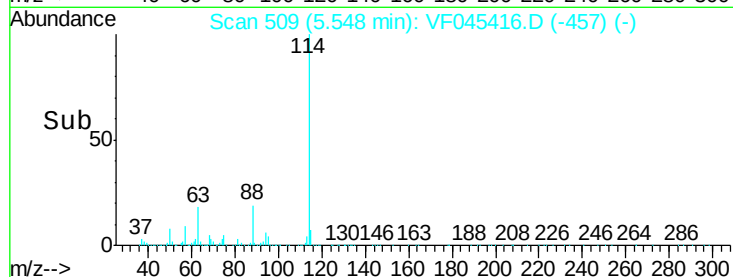
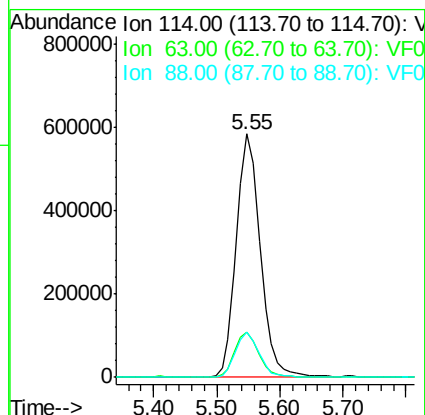
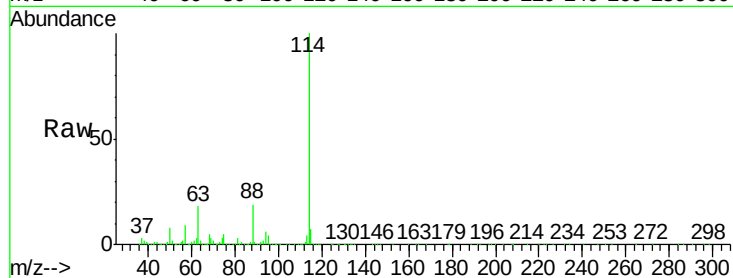
#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 509
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.2
88	18.6	0.0	37.0

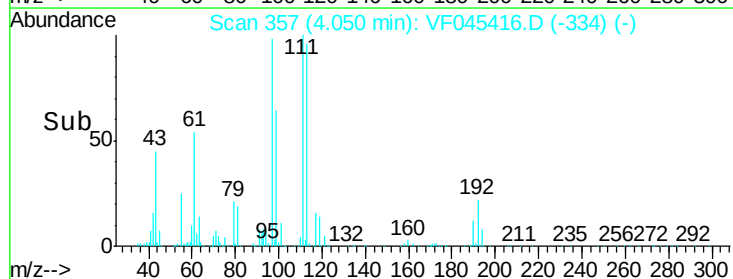
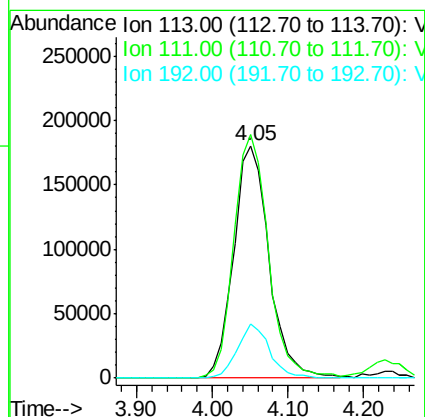
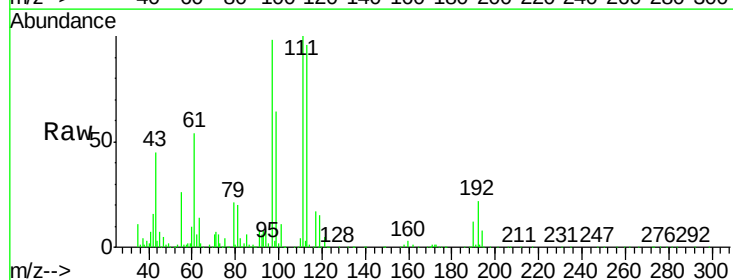
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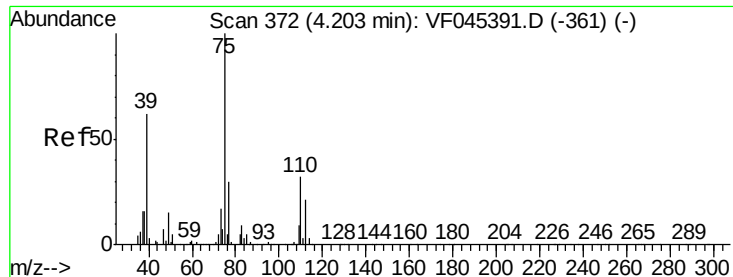
MMDadoda
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#34
 Dibromofluoromethane
 Concen: 48.94 ug/l
 RT: 4.05 min Scan# 357
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	75.5	113.3
192	23.3	15.6	23.4





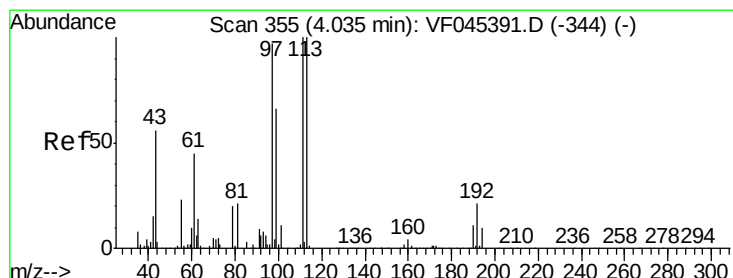
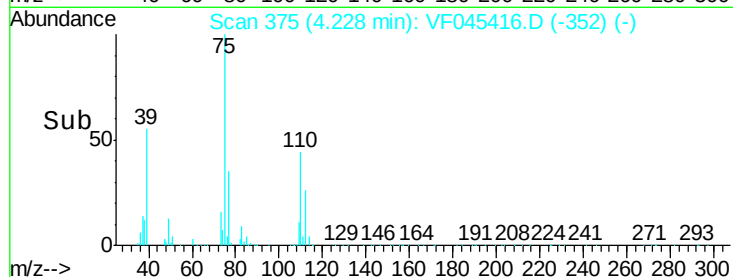
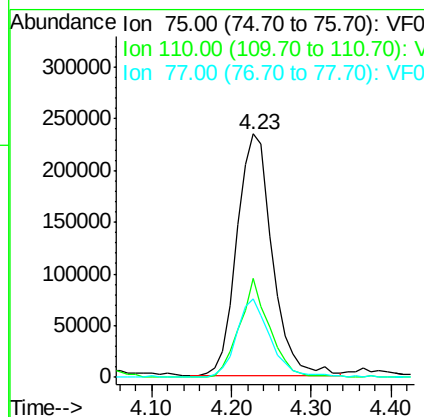
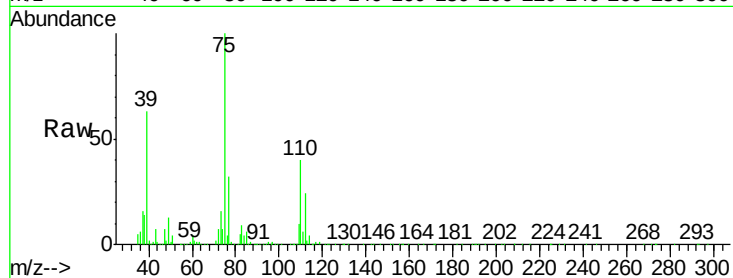
#35
 1,1-Dichloropropene
 Concen: 49.40 ug/l
 RT: 4.23 min Scan# 375
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	75	Resp:	722282
Ion Ratio	Lower	Upper	
75	100		
110	40.4	15.9	47.6
77	32.0	24.2	36.4

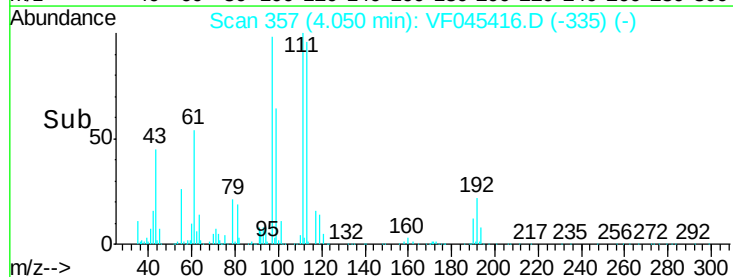
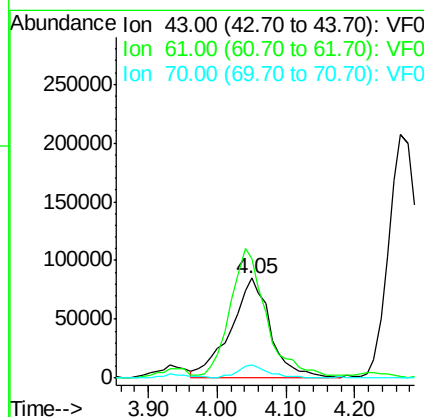
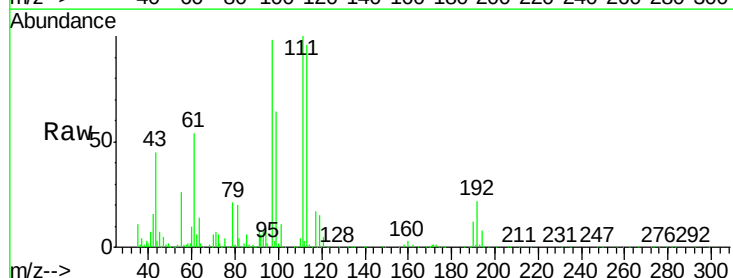
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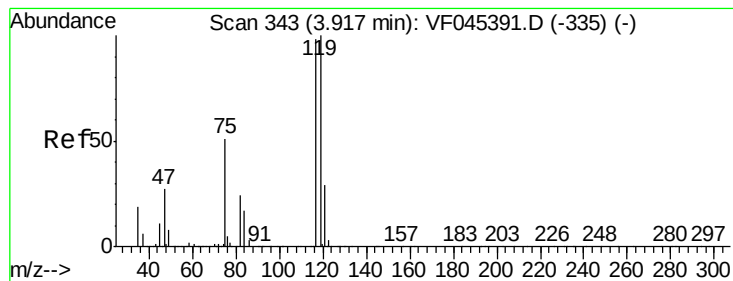
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#36
 Ethyl Acetate
 Concen: 44.92 ug/l
 RT: 4.05 min Scan# 357
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion:	43	Resp:	332319
Ion Ratio	Lower	Upper	
43	100		
61	119.8	49.4	74.0#
70	12.8	10.8	16.2





#37

Carbon Tetrachloride

Concen: 45.41 ug/l

RT: 3.94 min Scan# 346

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

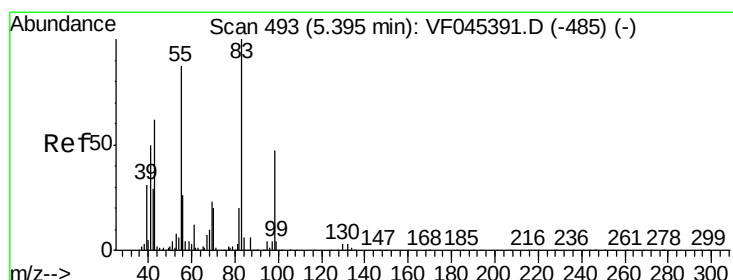
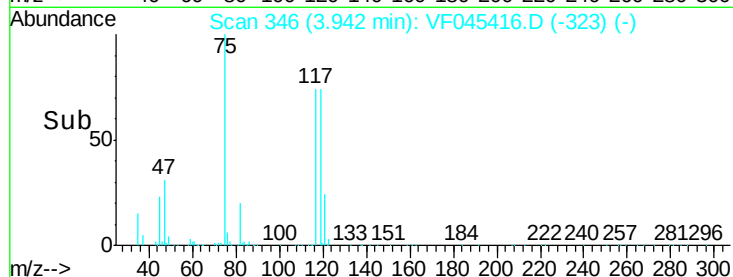
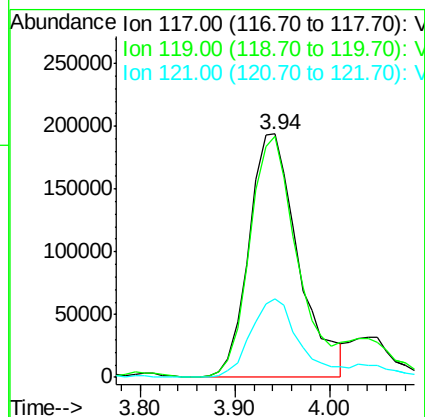
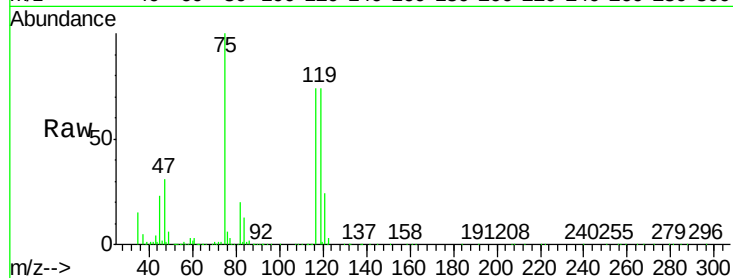
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	699411
Ion Ratio	Lower	Upper	
117	100		
119	99.1	77.8	116.8
121	32.4	25.4	38.0

Manual Integrations
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#38

Methylcyclohexane

Concen: 46.10 ug/l

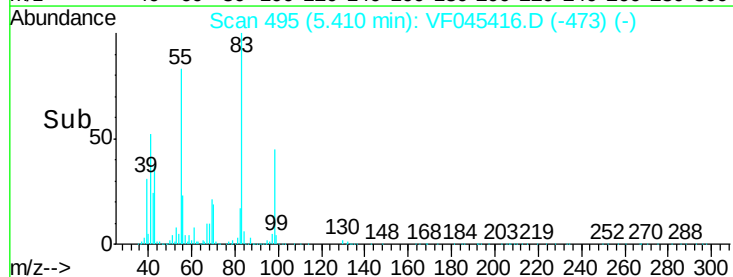
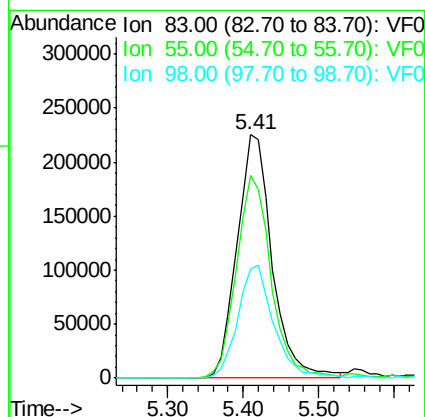
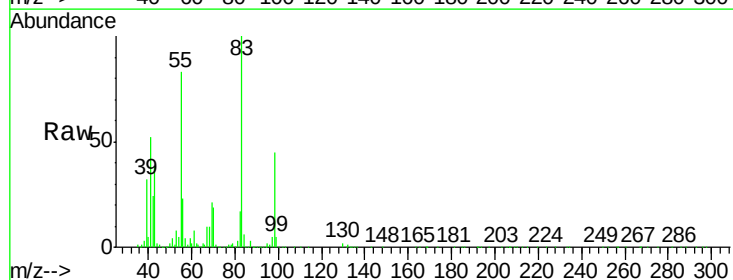
RT: 5.41 min Scan# 495

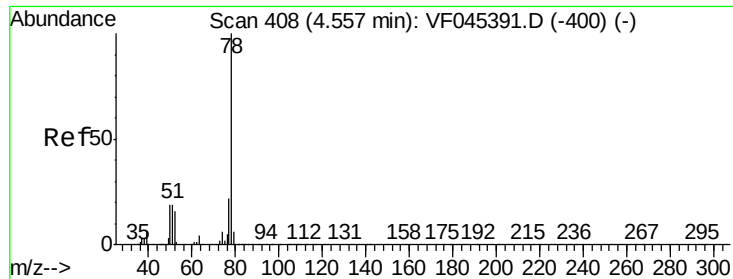
Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion:	83	Resp:	724422
Ion Ratio	Lower	Upper	
83	100		
55	83.5	60.5	90.7
98	44.7	38.1	57.1





#39

Benzene

Concen: 47.17 ug/l

RT: 4.58 min Scan# 411

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 78 Resp: 1612422

Ion Ratio Lower Upper

78 100

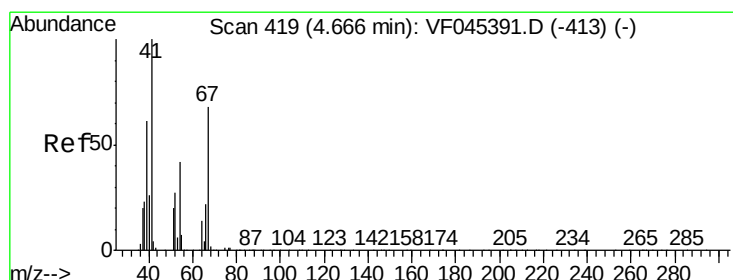
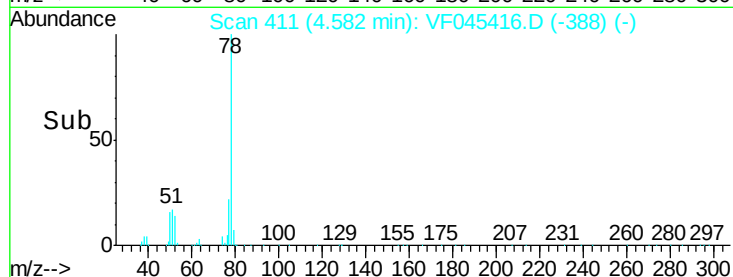
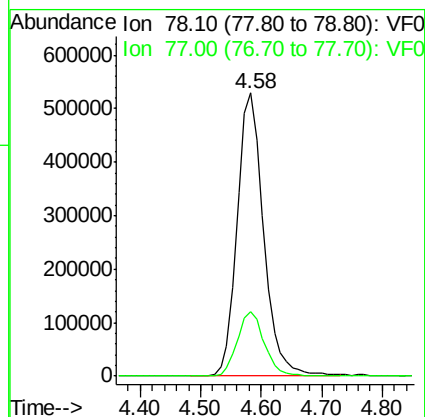
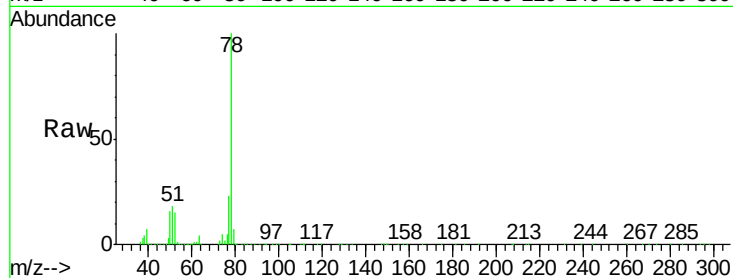
77 22.7 18.6 28.0

Manual Integrations

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#40

Methacrylonitrile

Concen: 46.74 ug/l

RT: 4.68 min Scan# 421

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion: 41 Resp: 163665

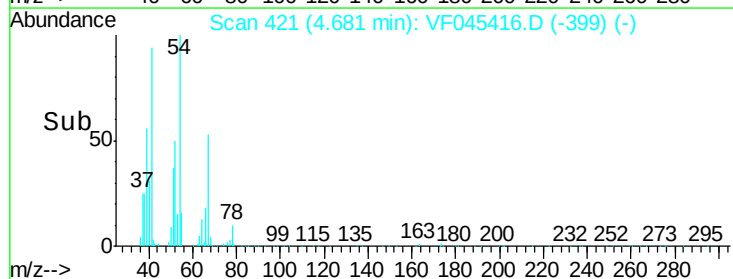
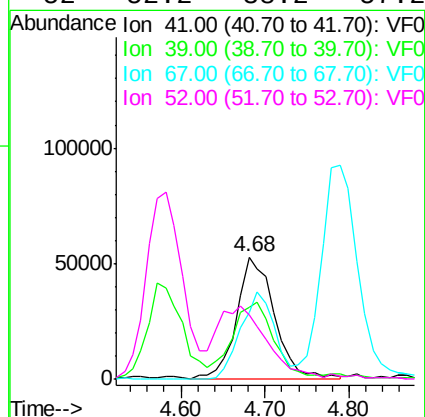
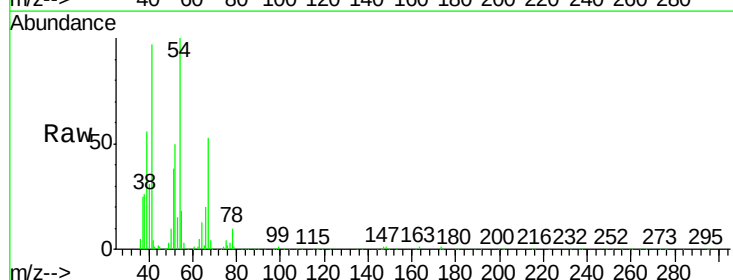
Ion Ratio Lower Upper

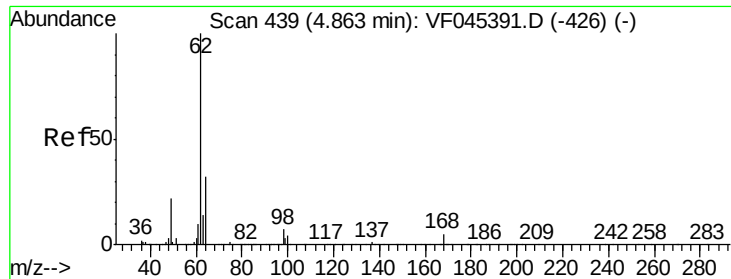
41 100

39 58.4 44.9 67.3

67 55.2 49.0 73.4

52 52.2 38.2 57.2





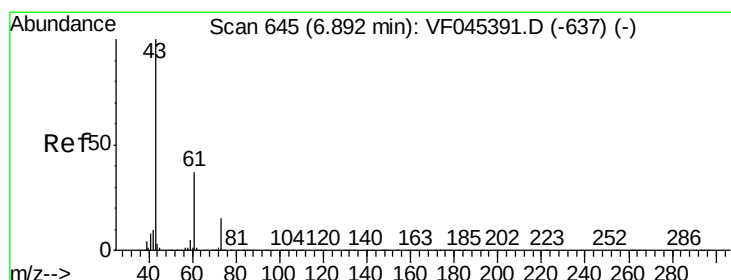
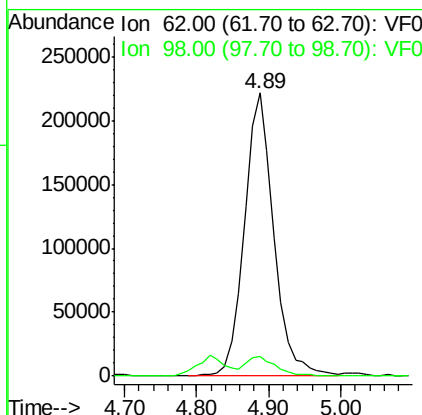
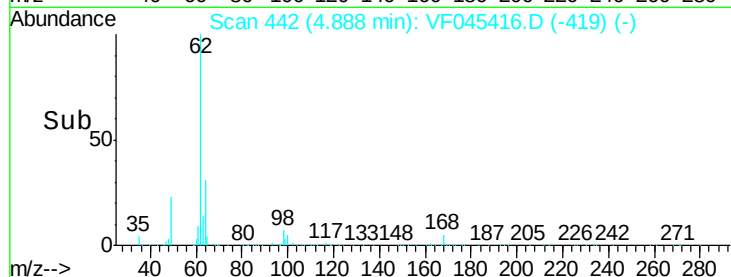
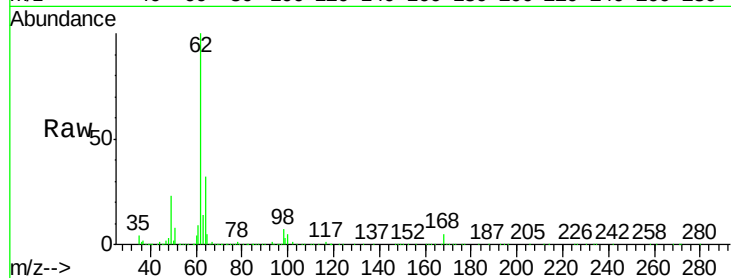
#41
 1,2-Dichloroethane
 Concen: 45.68 ug/l
 RT: 4.89 min Scan# 442
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
62	100	629850		
98	6.8	0.0	17.0	

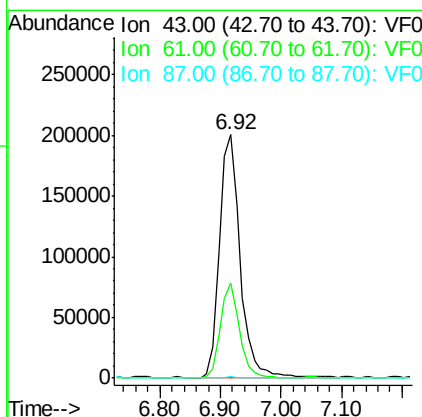
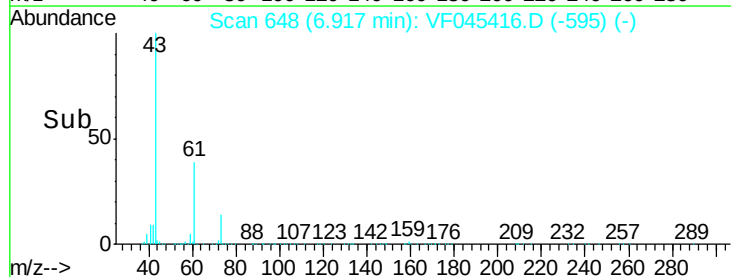
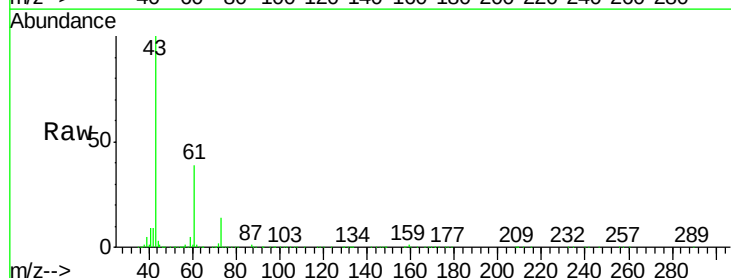
Manual Integrations
 APPROVED

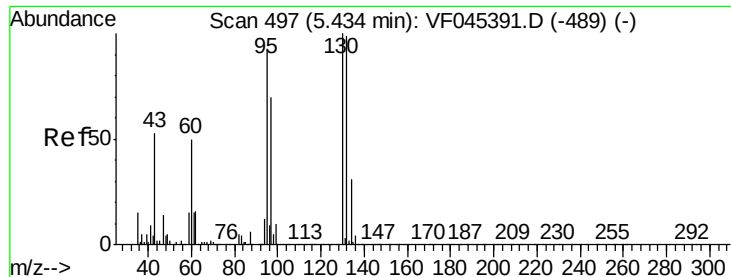
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#42
 Isopropyl Acetate
 Concen: 48.26 ug/l
 RT: 6.92 min Scan# 648
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	470346		
61	39.1	29.8	44.6	
87	0.5	0.2	0.2#	





#43

Trichloroethene

Concen: 49.32 ug/l

RT: 5.45 min Scan# 499

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:130 Resp: 575740

Ion Ratio Lower Upper

130 100

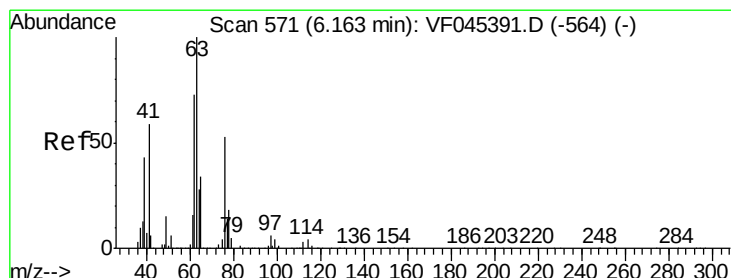
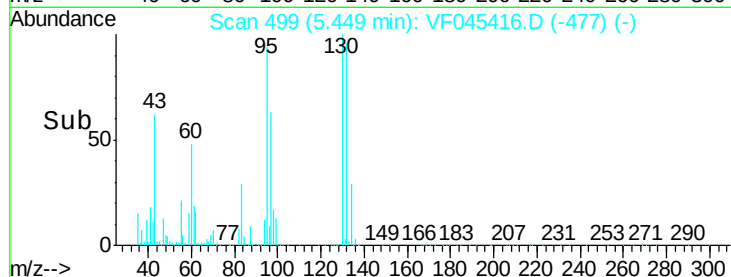
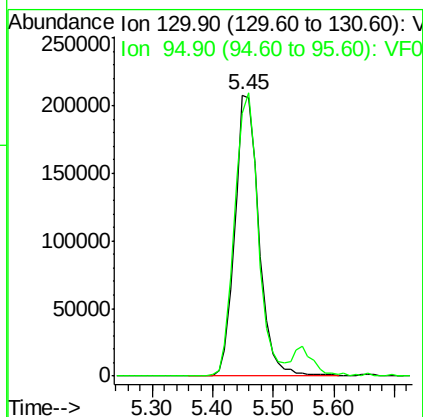
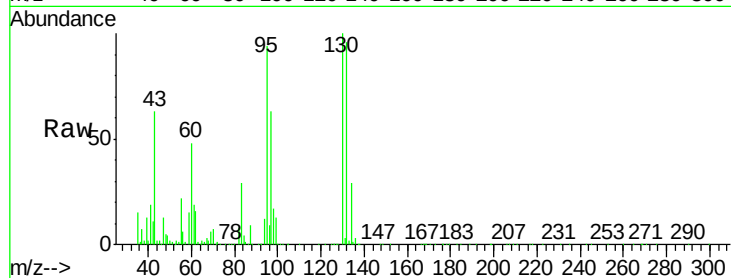
95 93.6 0.0 192.2

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#44

1,2-Dichloropropane

Concen: 46.90 ug/l

RT: 6.19 min Scan# 574

Delta R.T. 0.02 min

Lab File: VF045416.D

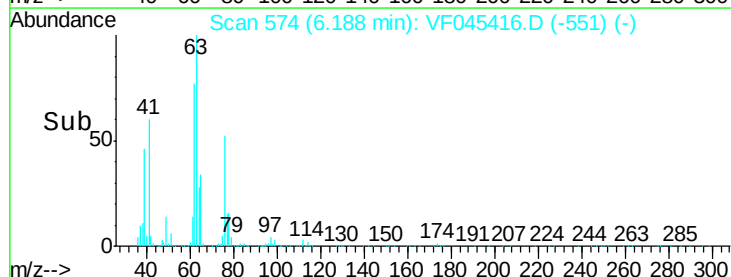
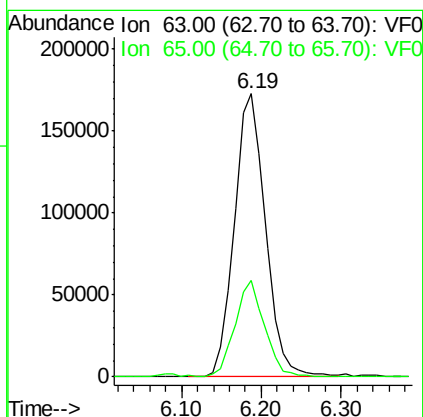
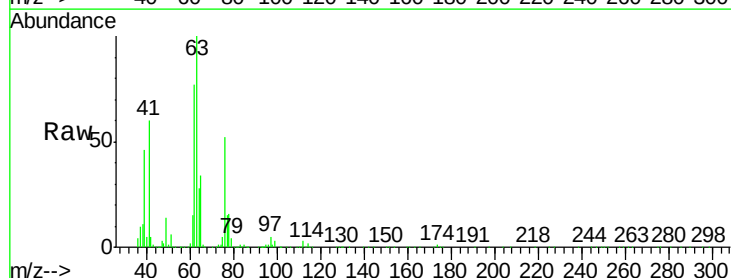
Acq: 17 Sep 2015 19:48

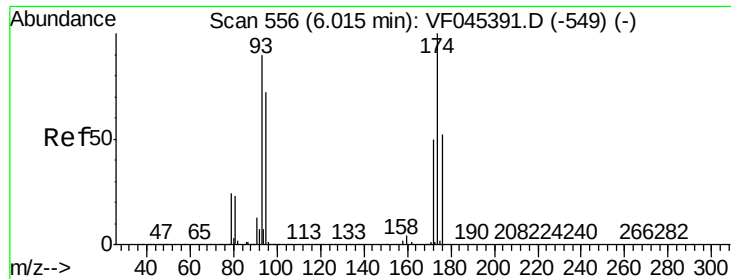
Tgt Ion: 63 Resp: 467012

Ion Ratio Lower Upper

63 100

65 34.3 25.6 38.4





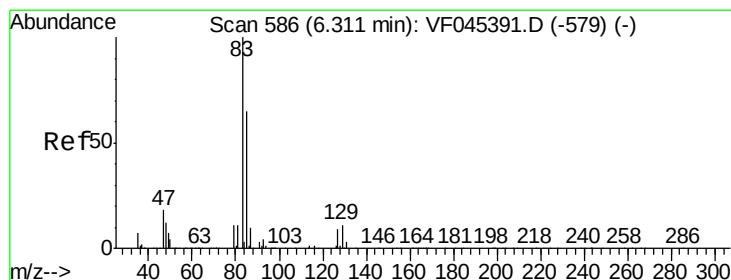
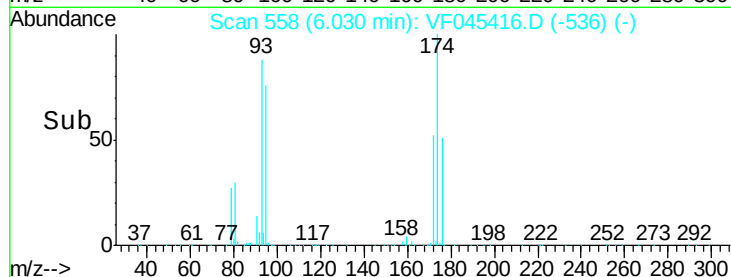
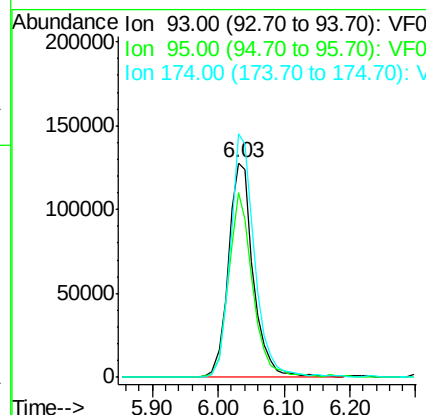
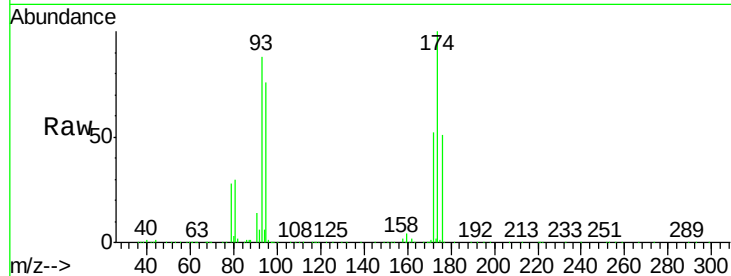
#45
Dibromomethane
Concen: 47.61 ug/l
RT: 6.03 min Scan# 558
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	86.5	69.8	104.6	
174	113.7	90.5	135.7	

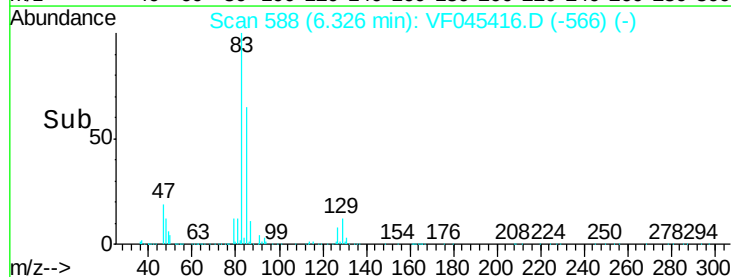
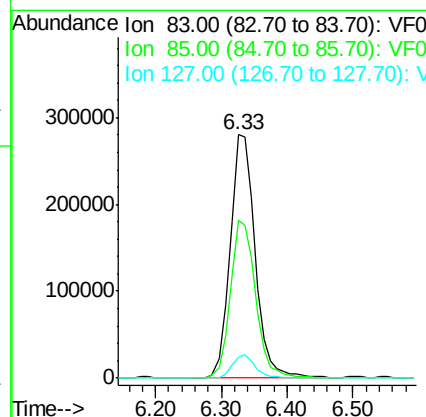
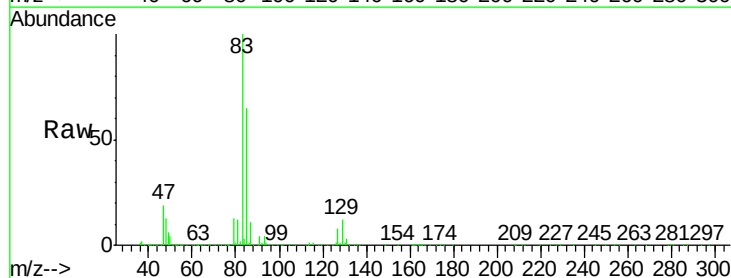
Manual Integrations
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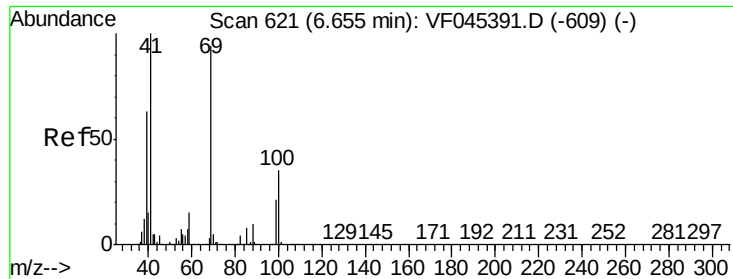
MMDadoda
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#46
Bromodichloromethane
Concen: 47.25 ug/l
RT: 6.33 min Scan# 588
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.6	50.6	75.8	
127	8.4	7.7	11.5	





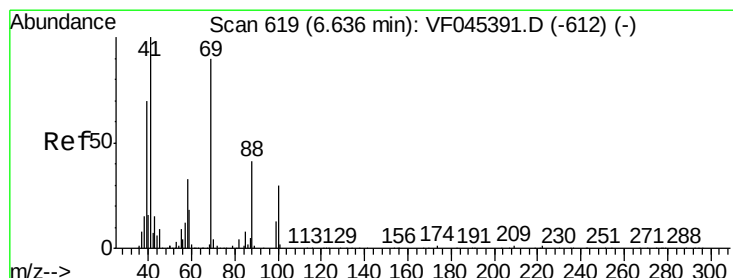
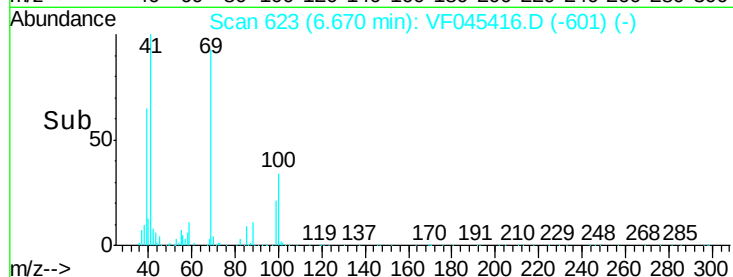
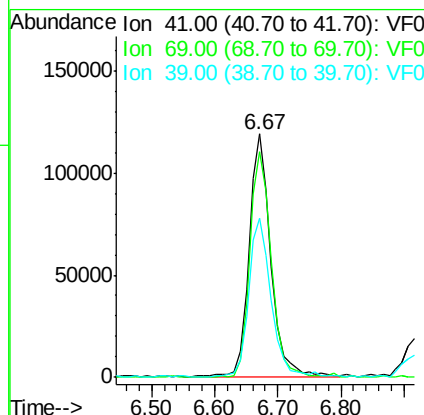
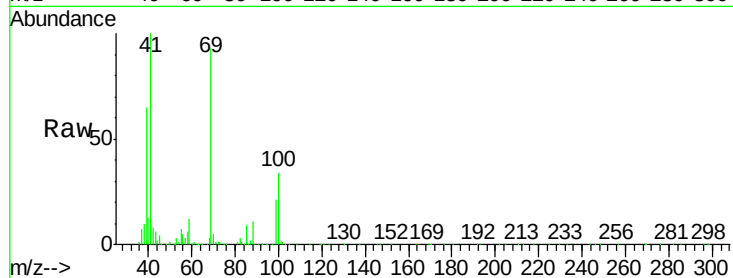
#47
Methyl methacrylate
Concen: 48.55 ug/l
RT: 6.67 min Scan# 623
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
41	100	287237		
69	92.5	63.3	94.9	
39	65.3	48.9	73.3	

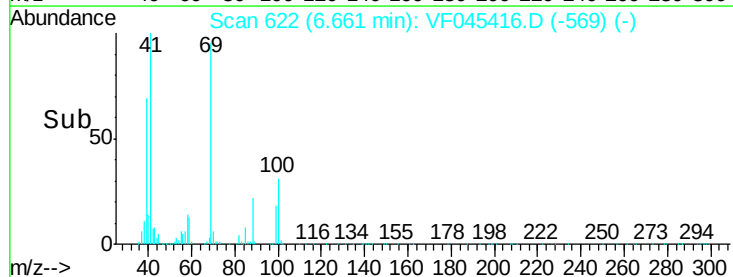
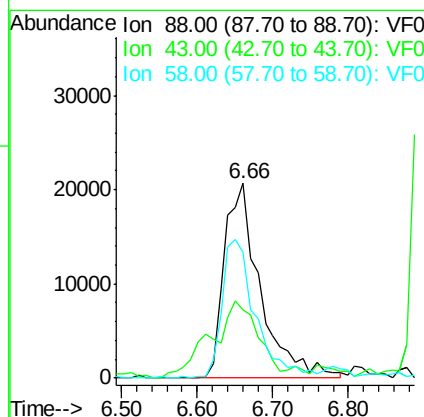
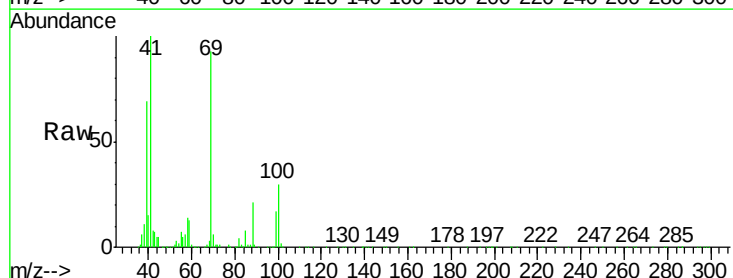
Manual Integrations
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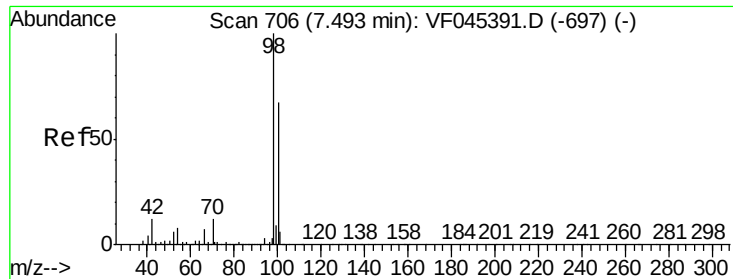
MMDadoda
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#48
1,4-Dioxane
Concen: 963.61 ug/l
RT: 6.66 min Scan# 622
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	68285		
43	35.2	34.5	51.7	
58	64.4	46.5	69.7	





#49

Toluene-d8

Concen: 51.06 ug/l

RT: 7.51 min Scan# 708

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 98 Resp: 1795654

Ion Ratio Lower Upper

98 100

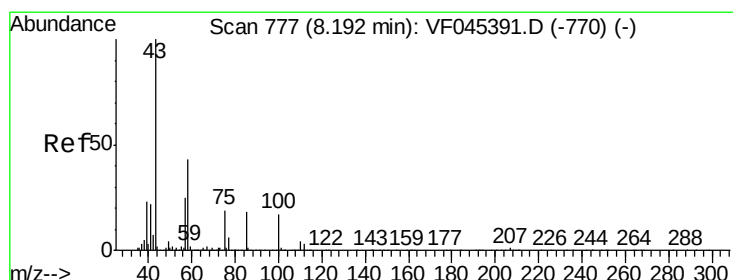
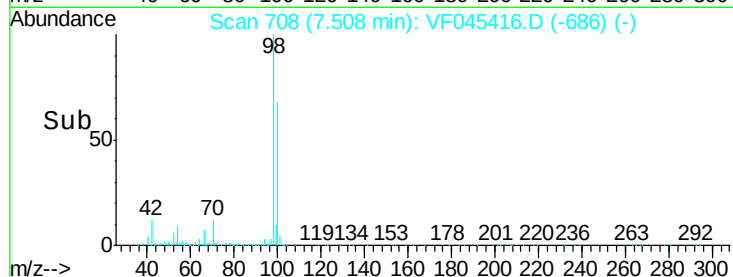
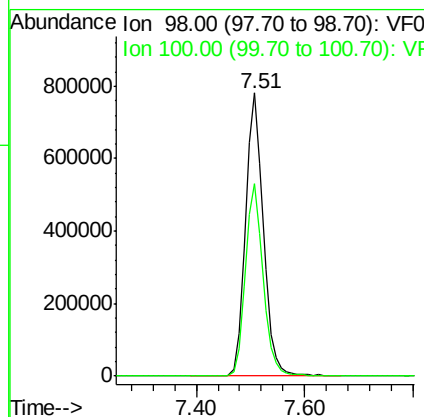
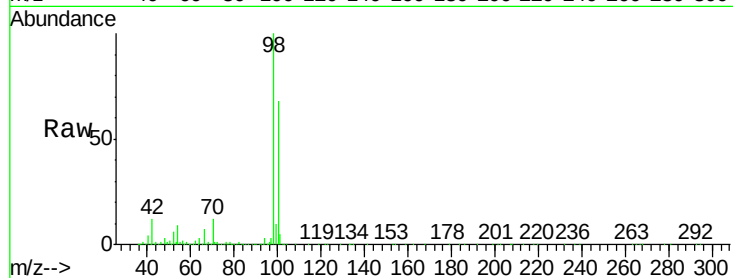
100 68.2 54.4 81.6

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#50

4-Methyl-2-Pentanone

Concen: 238.23 ug/l

RT: 8.21 min Scan# 779

Delta R.T. 0.02 min

Lab File: VF045416.D

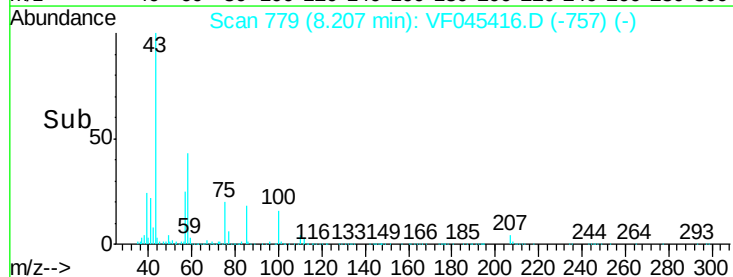
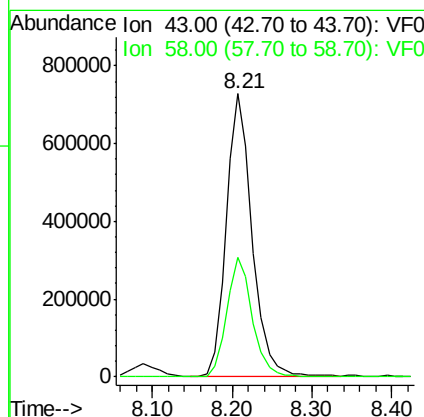
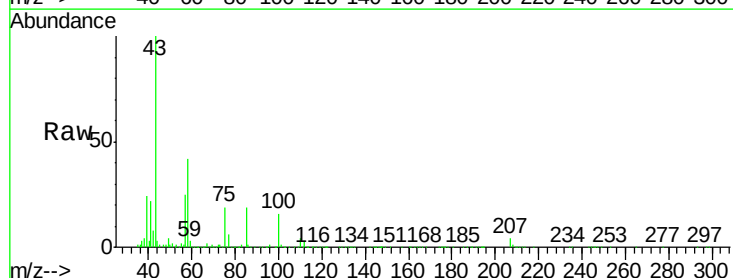
Acq: 17 Sep 2015 19:48

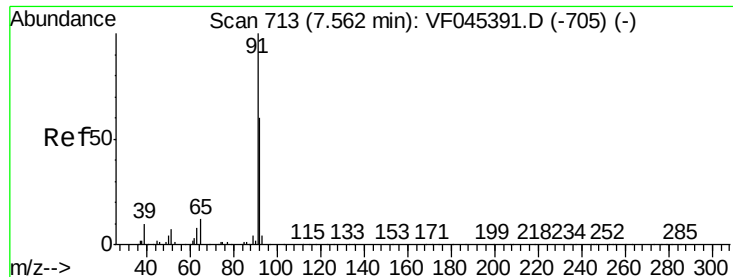
Tgt Ion: 43 Resp: 1651070

Ion Ratio Lower Upper

43 100

58 42.4 33.6 50.4





#51

Toluene

Concen: 47.28 ug/l

RT: 7.58 min Scan# 715

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 92 Resp: 1245204

Ion Ratio Lower Upper

92 100

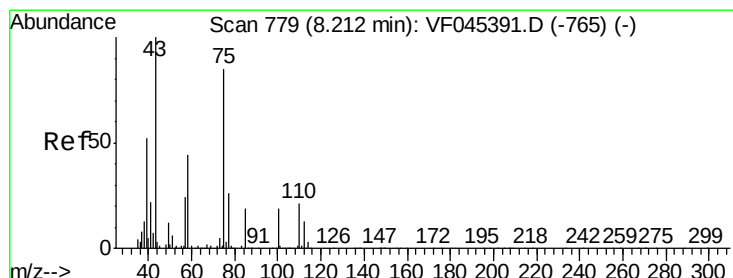
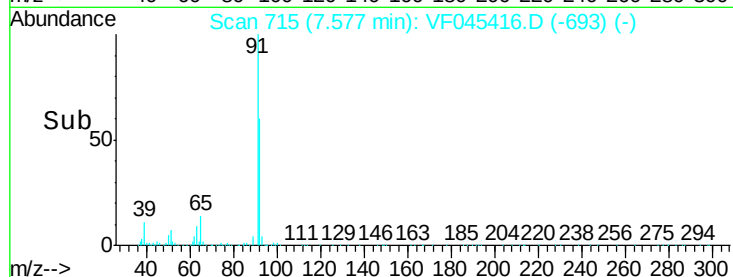
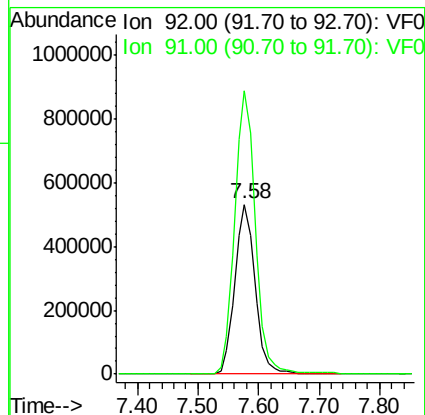
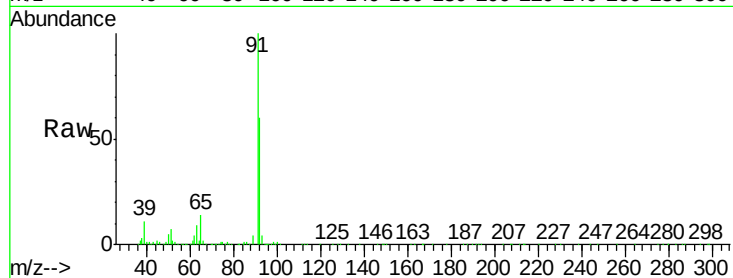
91 167.0 133.4 200.0

Manual Integrations

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#52

t-1,3-Dichloropropene

Concen: 47.38 ug/l

RT: 8.23 min Scan# 781

Delta R.T. 0.02 min

Lab File: VF045416.D

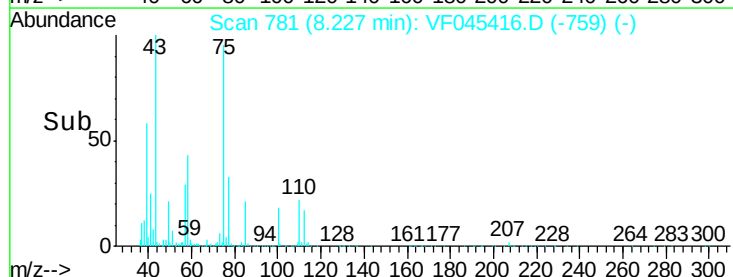
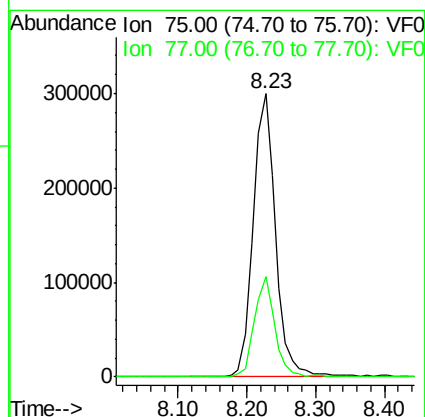
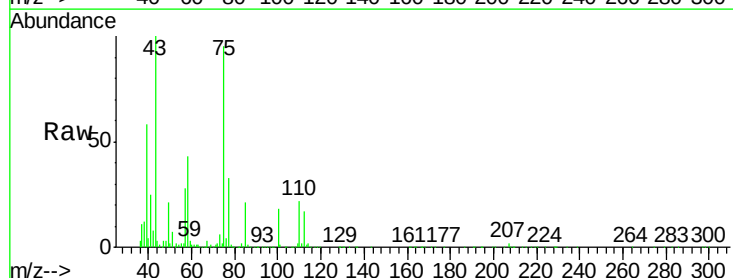
Acq: 17 Sep 2015 19:48

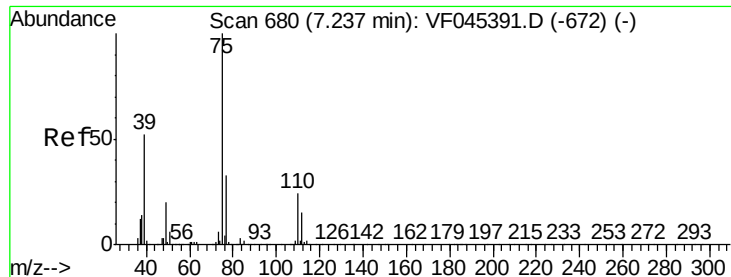
Tgt Ion: 75 Resp: 675823

Ion Ratio Lower Upper

75 100

77 35.3 28.1 42.1





#53

cis-1,3-Dichloropropene

Concen: 47.37 ug/l

RT: 7.25 min Scan# 682

Delta R.T. 0.02 min

Lab File: VF045416.D

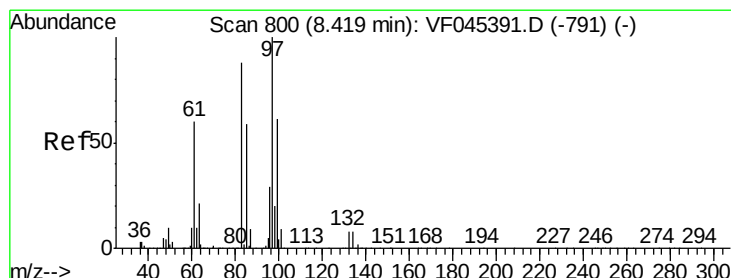
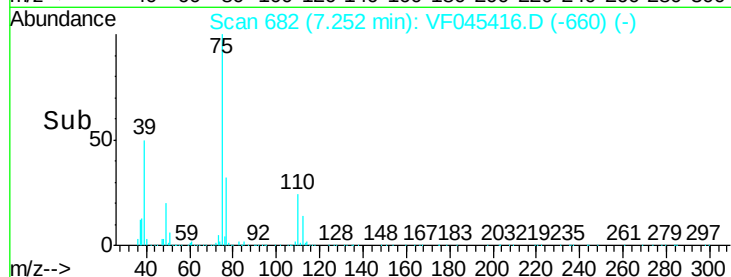
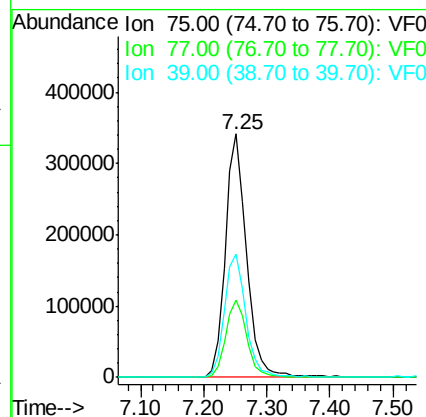
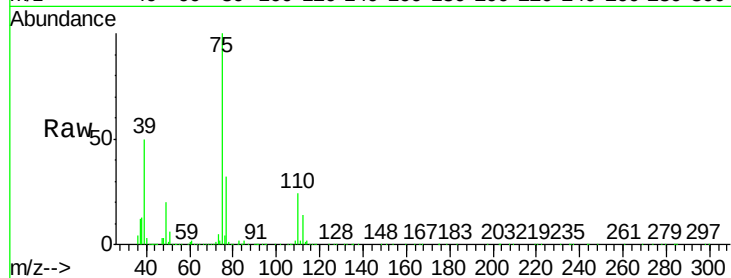
Acq: 17 Sep 2015 19:48

Tot Ion	Ratio	Resp	Lower	Upper
75	100	797824		
77	31.5	25.5	38.3	
39	50.4	41.6	62.4	

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

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#54

1,1,2-Trichloroethane

Concen: 46.95 ug/l

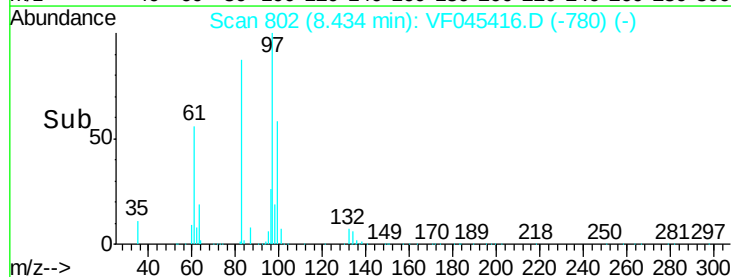
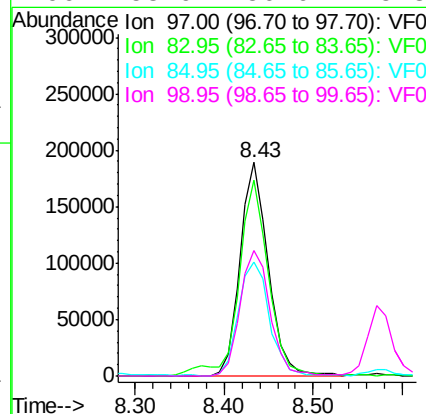
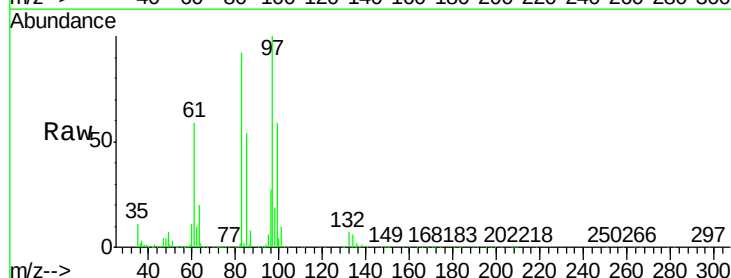
RT: 8.43 min Scan# 802

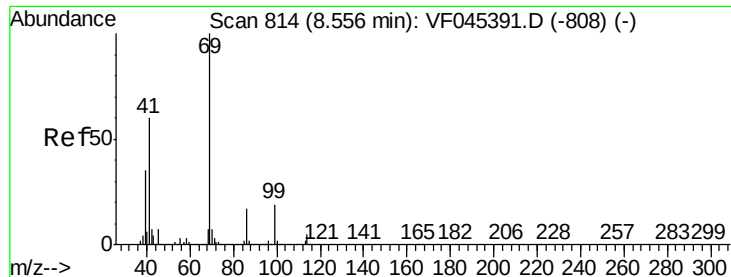
Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	418211		
83	91.7	70.1	105.1	
85	53.5	47.4	71.2	
99	58.9	50.6	75.8	





#55

Ethyl methacrylate

Concen: 47.77 ug/l

RT: 8.57 min Scan# 816

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

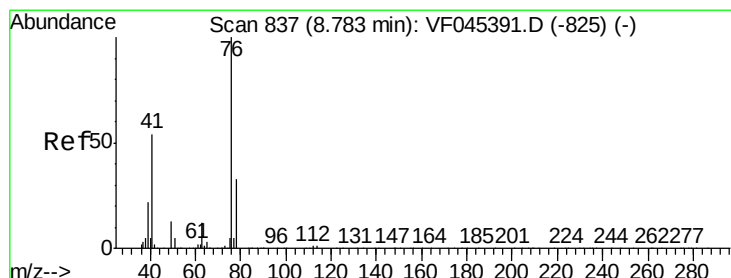
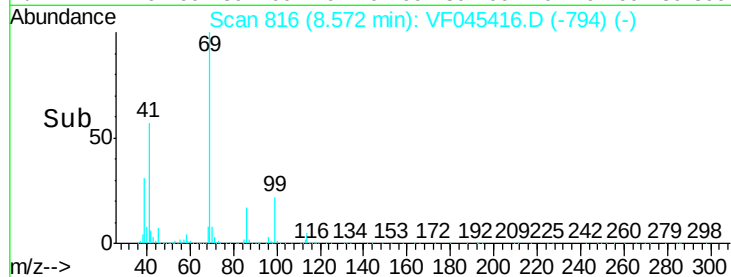
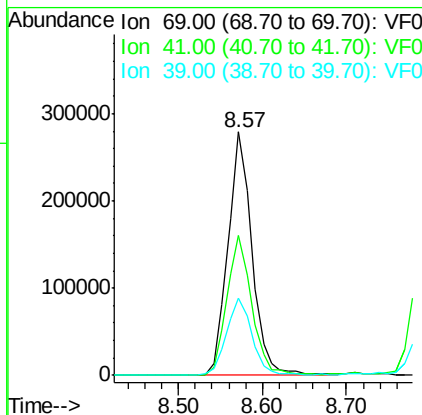
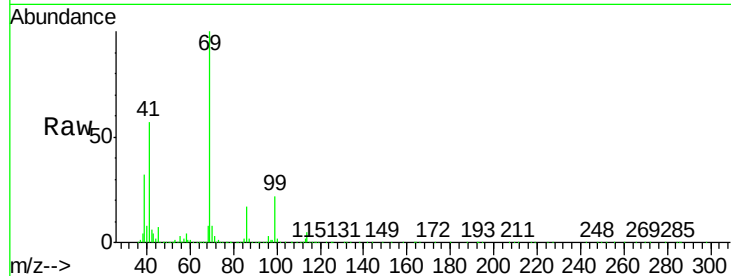
ClientSampleId :

VSTDCCC050EC

Tot Ion:	69	Resp:	553591
Ion Ratio	Lower	Upper	
69	100		
41	57.4	51.0	76.4
39	31.8	29.1	43.7

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#56

1,3-Dichloropropane

Concen: 46.71 ug/l

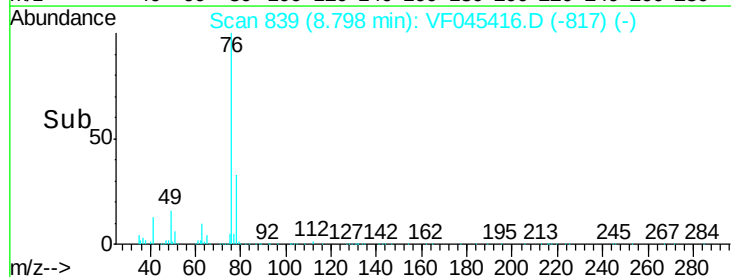
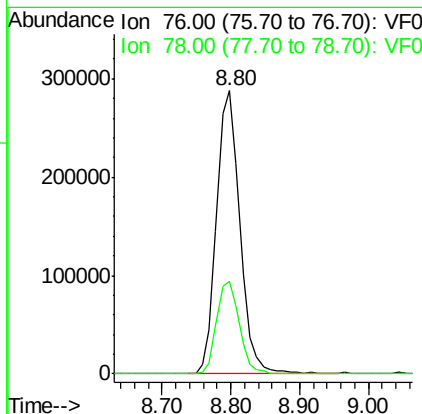
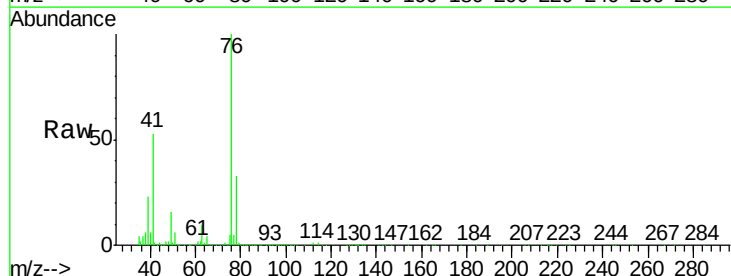
RT: 8.80 min Scan# 839

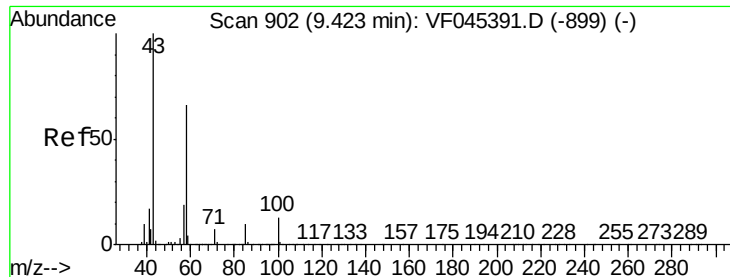
Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion:	76	Resp:	678767
Ion Ratio	Lower	Upper	
76	100		
78	32.9	26.1	39.1





#58

2-Hexanone

Concen: 223.71 ug/l

RT: 9.44 min Scan# 904

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1234057

Ion Ratio Lower Upper

43 100

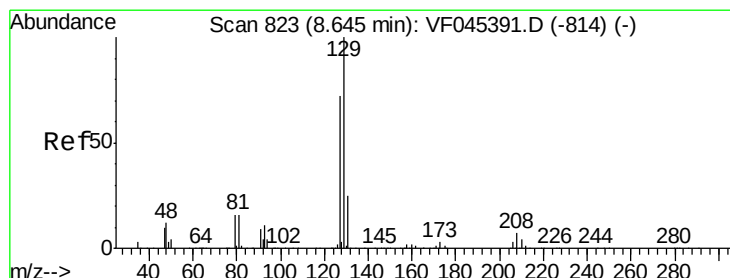
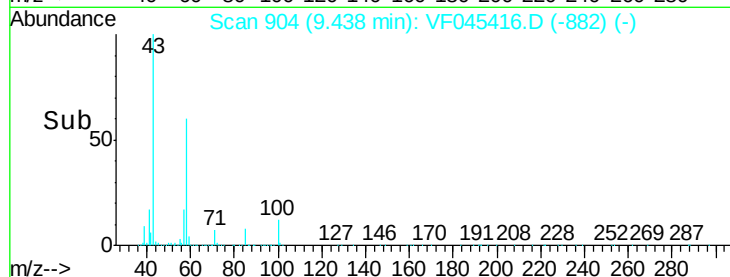
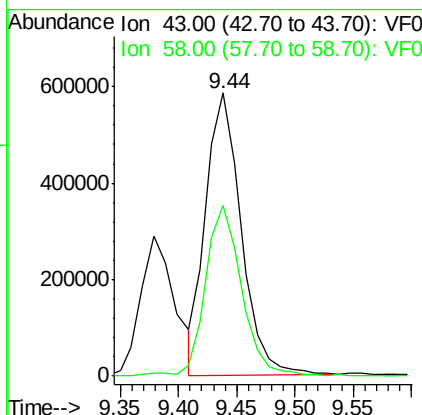
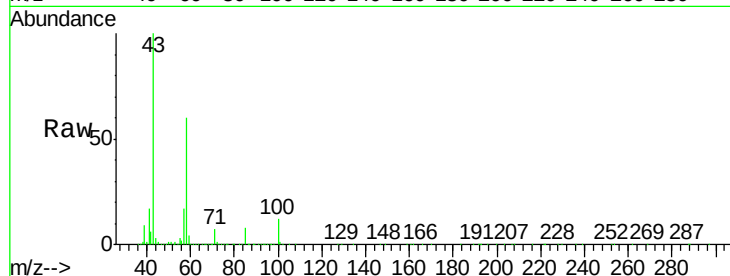
58 60.3 28.8 86.5

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#59

Dibromochloromethane

Concen: 47.28 ug/l

RT: 8.66 min Scan# 825

Delta R.T. 0.02 min

Lab File: VF045416.D

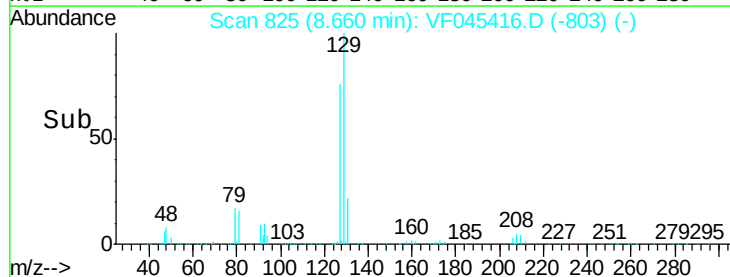
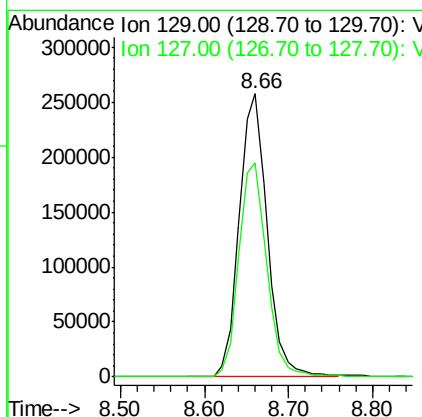
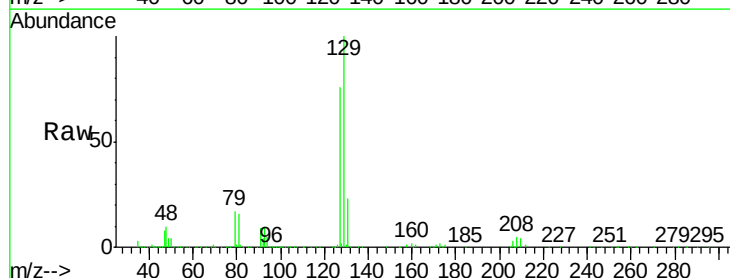
Acq: 17 Sep 2015 19:48

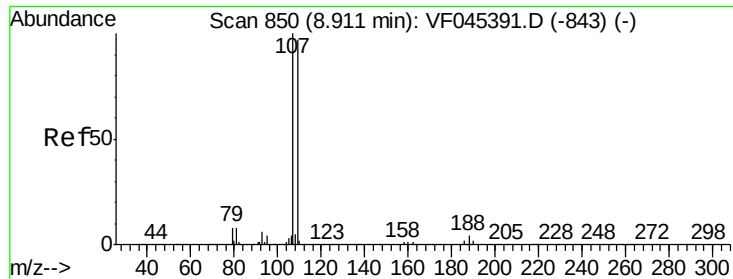
Tgt Ion: 129 Resp: 596875

Ion Ratio Lower Upper

129 100

127 75.9 38.2 114.6





#60

1,2-Dibromoethane

Concen: 50.06 ug/l

RT: 8.93 min Scan# 852

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 506017

Ion Ratio Lower Upper

107 100

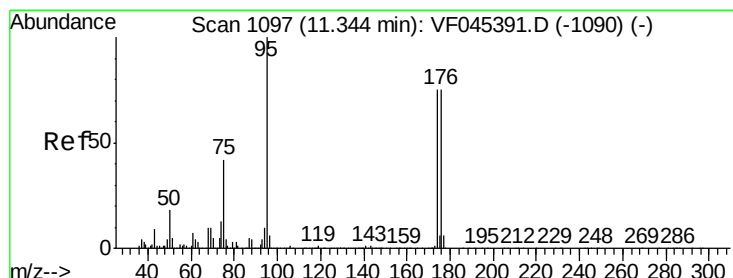
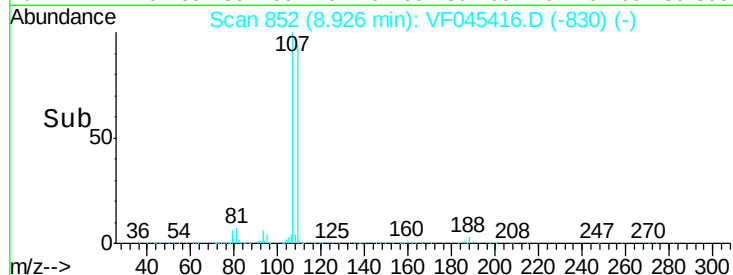
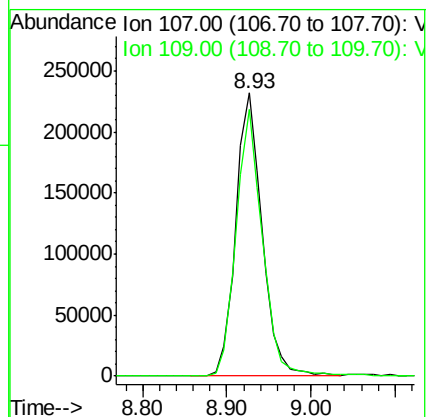
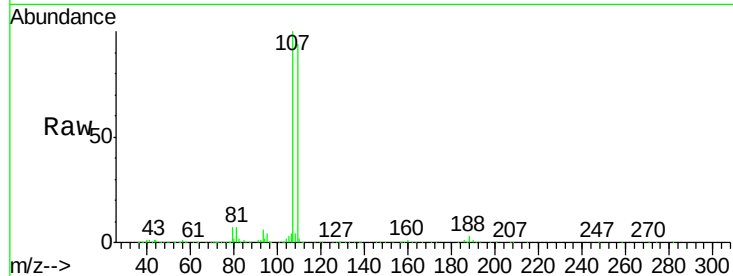
109 94.3 79.4 119.0

Manual Integrations

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#61

4-Bromofluorobenzene

Concen: 47.17 ug/l

RT: 11.36 min Scan# 1099

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

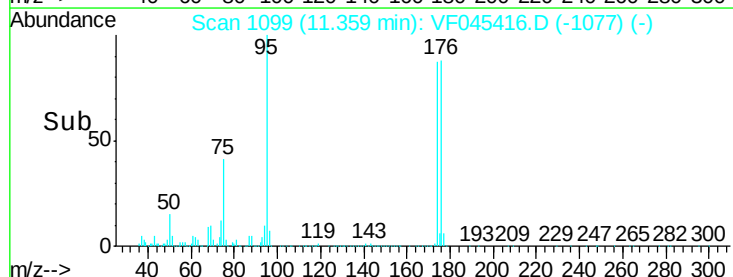
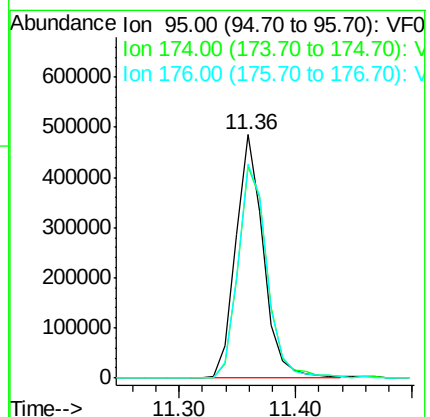
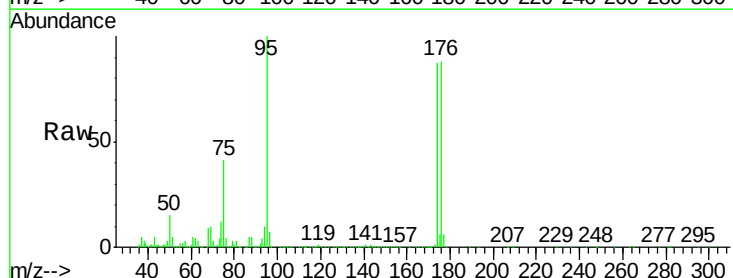
Tgt Ion: 95 Resp: 797426

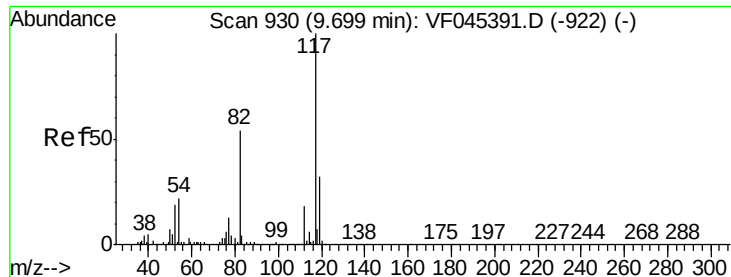
Ion Ratio Lower Upper

95 100

174 86.9 0.0 177.8

176 88.1 0.0 176.2





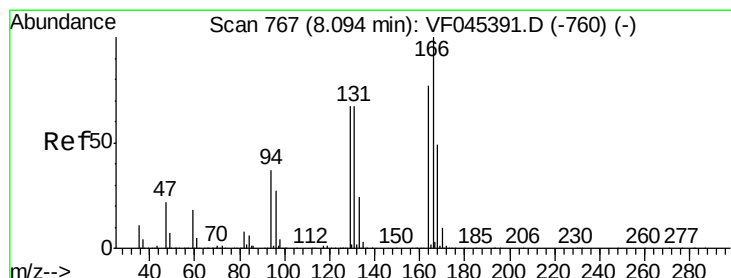
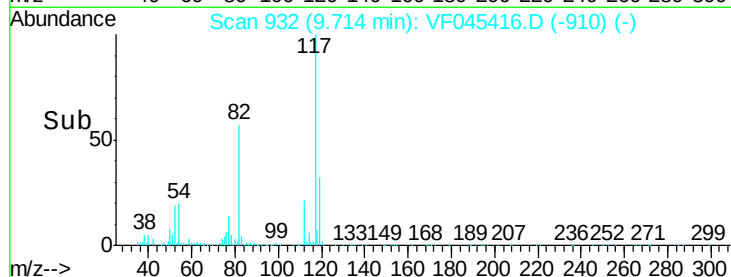
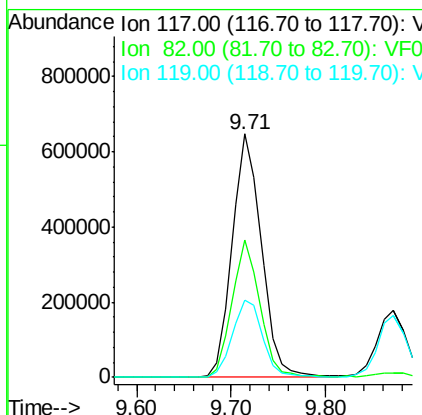
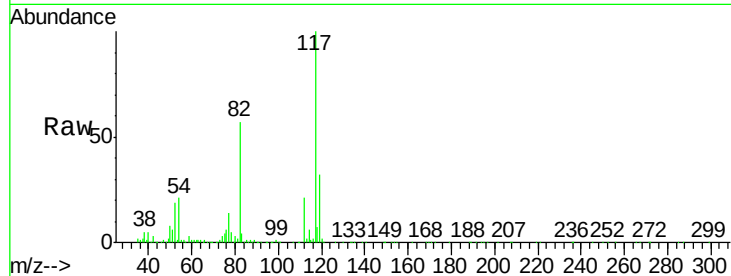
#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 932
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.0	67.6
119	31.8	26.2	39.4

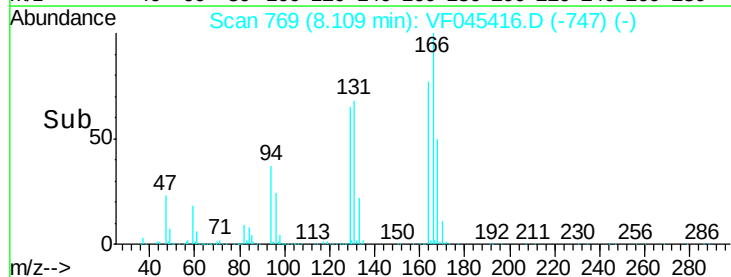
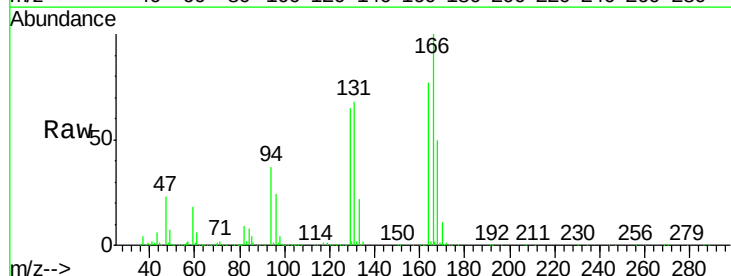
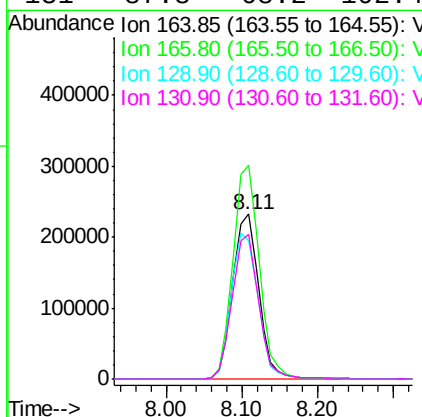
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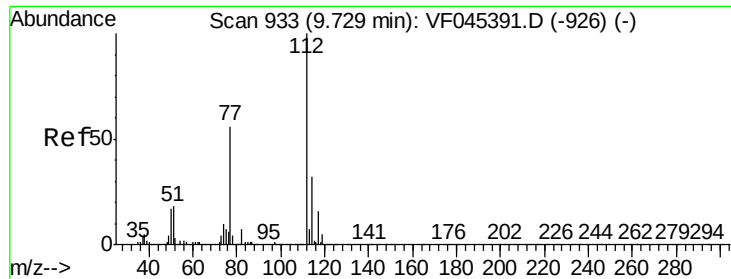
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#63
Tetrachloroethene
Concen: 50.57 ug/l
RT: 8.11 min Scan# 769
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	106.0	159.0
129	84.4	69.8	104.6
131	87.8	68.2	102.4





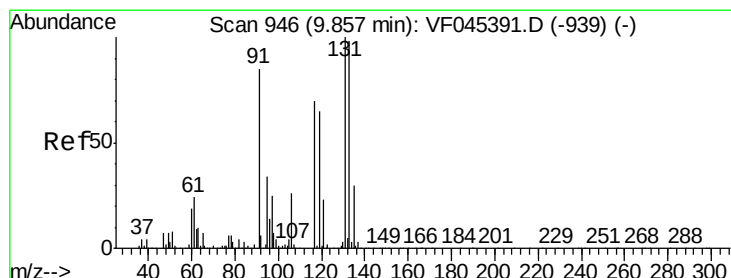
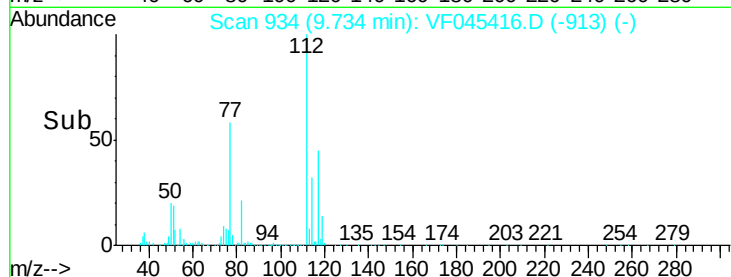
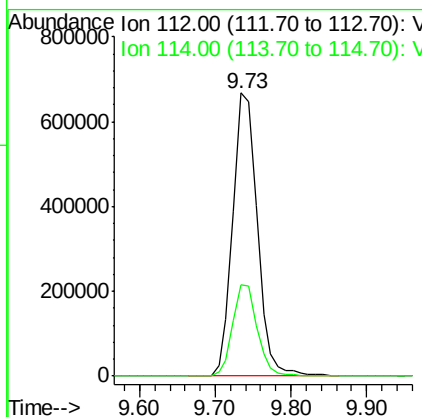
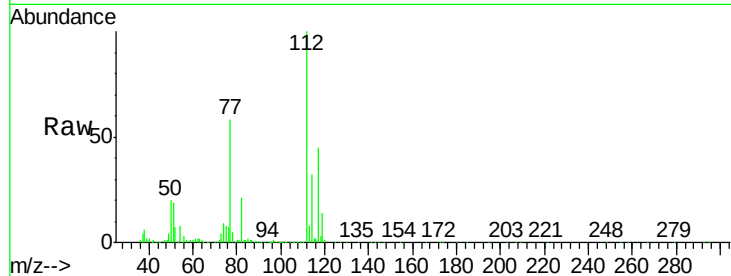
#64
Chlorobenzene
Concen: 51.49 ug/l
RT: 9.73 min Scan# 934
Delta R.T. 0.01 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1502294
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

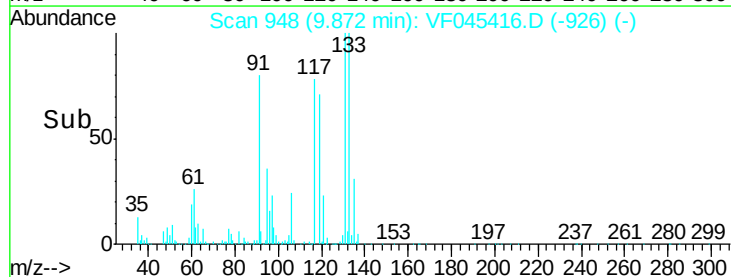
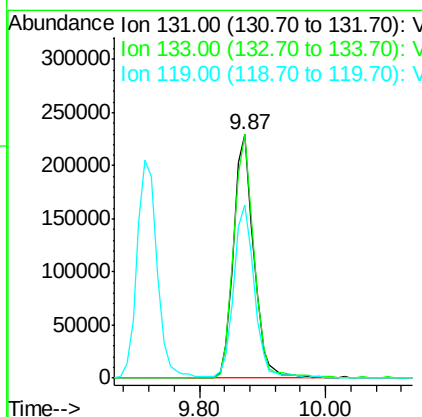
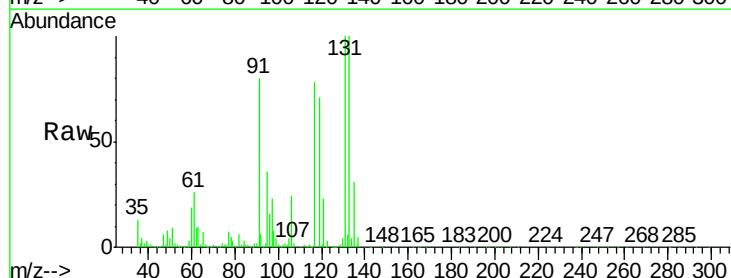
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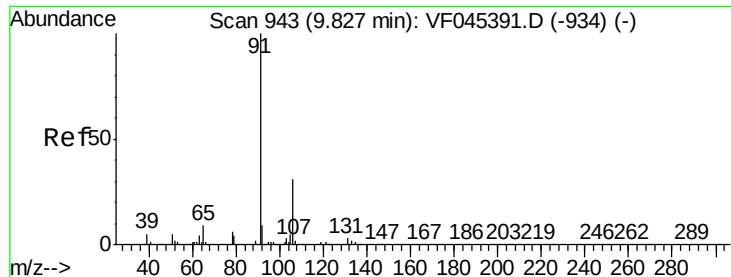
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#65
1,1,1,2-Tetrachloroethane
Concen: 47.27 ug/l
RT: 9.87 min Scan# 948
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion:131 Resp: 504189
Ion Ratio Lower Upper
131 100
133 99.9 48.1 144.4
119 71.0 34.8 104.5





#66

Ethyl Benzene

Concen: 48.54 ug/l

RT: 9.84 min Scan# 945

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 2454175

Ion Ratio Lower Upper

91 100

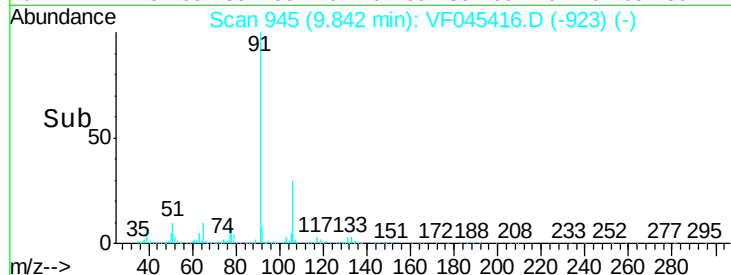
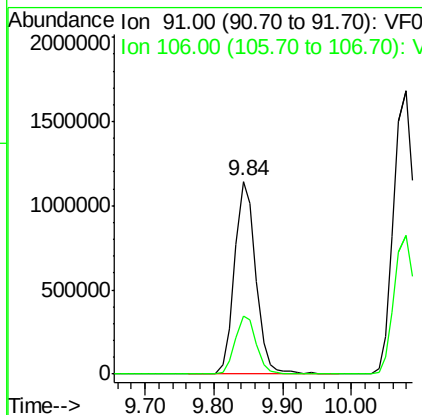
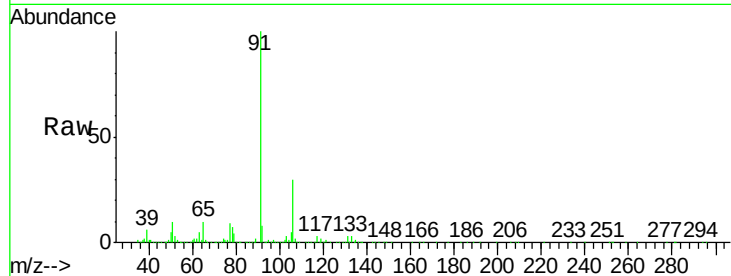
106 30.2 23.6 35.4

Manual Integrations

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#67

m/p-Xylenes

Concen: 97.93 ug/l

RT: 10.08 min Scan# 969

Delta R.T. 0.02 min

Lab File: VF045416.D

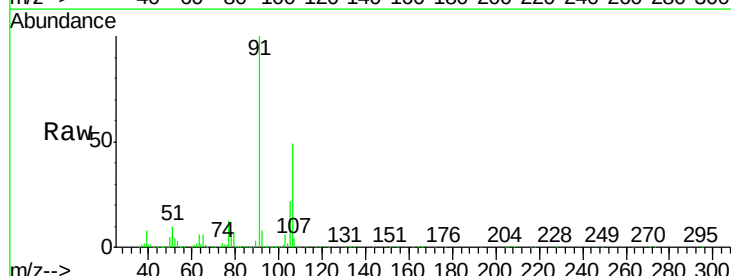
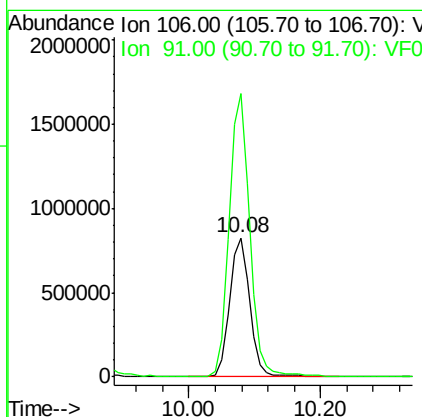
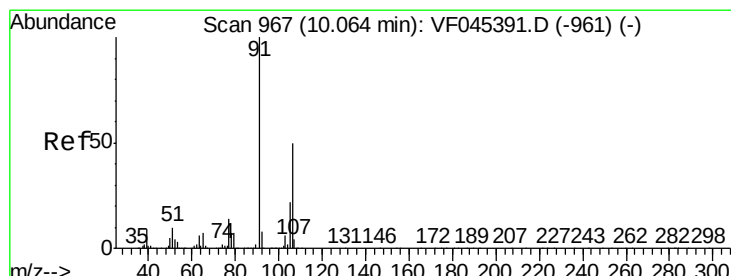
Acq: 17 Sep 2015 19:48

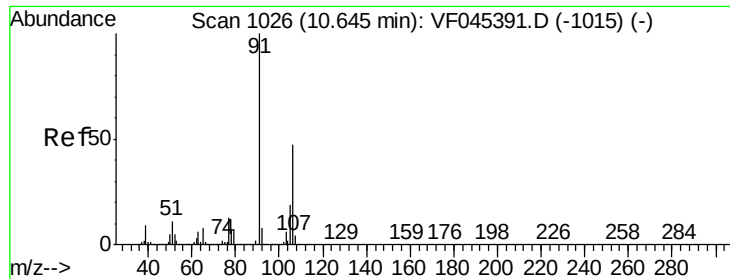
Tgt Ion: 106 Resp: 1774573

Ion Ratio Lower Upper

106 100

91 203.9 166.1 249.1





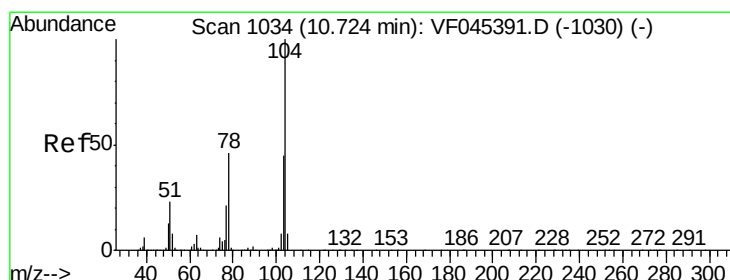
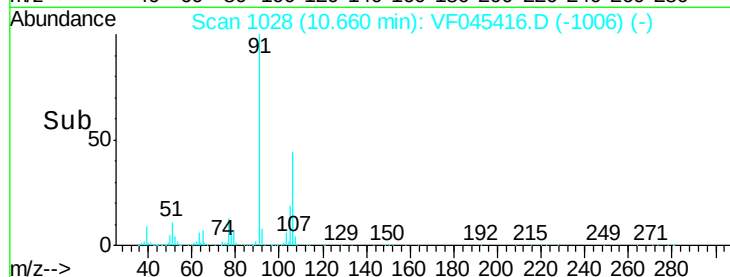
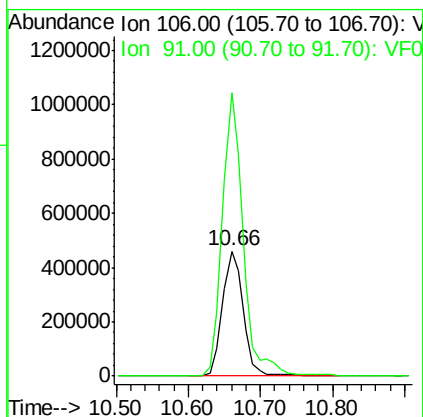
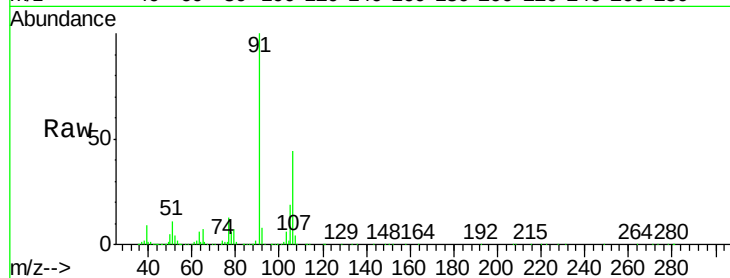
#68
o-Xylene
Concen: 48.90 ug/l
RT: 10.66 min Scan# 1028
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 919772
Ion Ratio Lower Upper
106 100
91 226.5 108.1 324.2

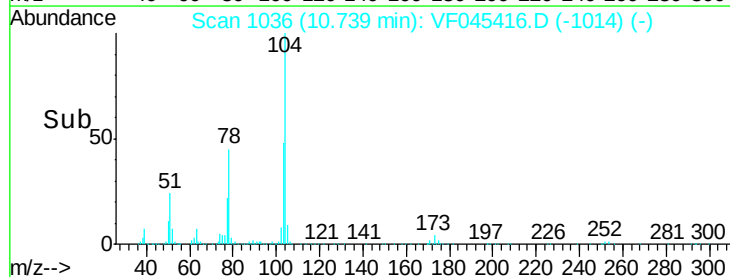
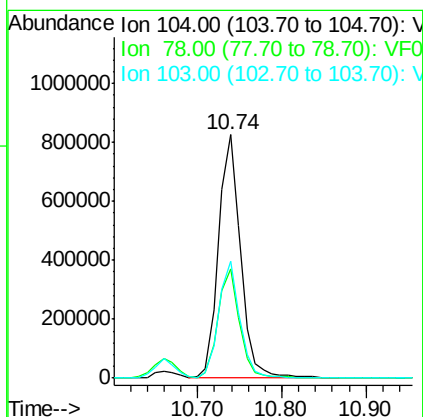
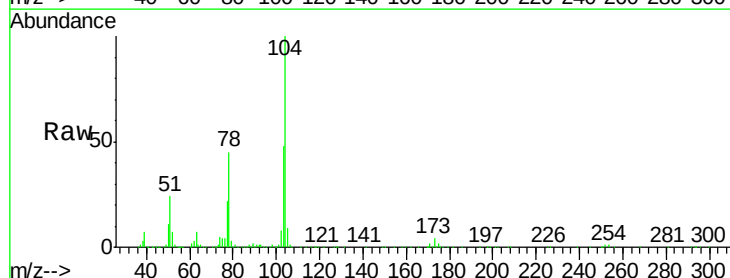
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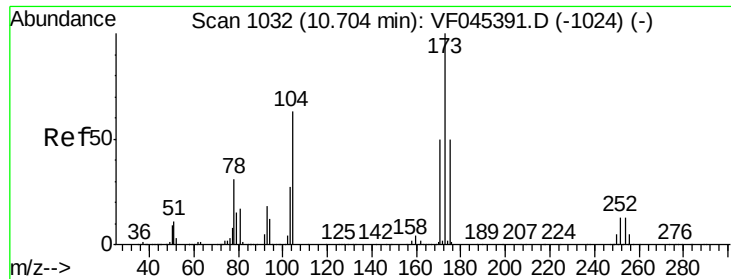
MMDadoda
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#69
Styrene
Concen: 49.60 ug/l
RT: 10.74 min Scan# 1036
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion:104 Resp: 1489254
Ion Ratio Lower Upper
104 100
78 44.8 34.2 51.4
103 48.1 36.7 55.1





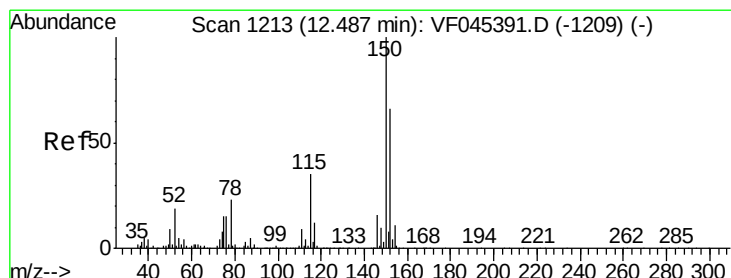
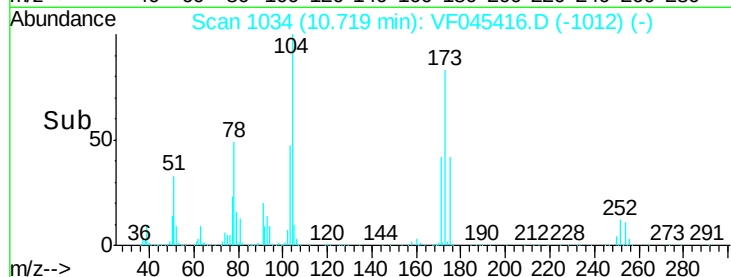
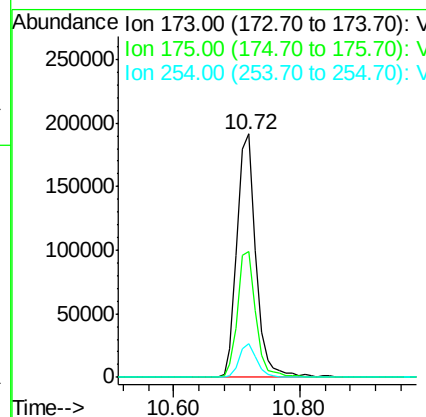
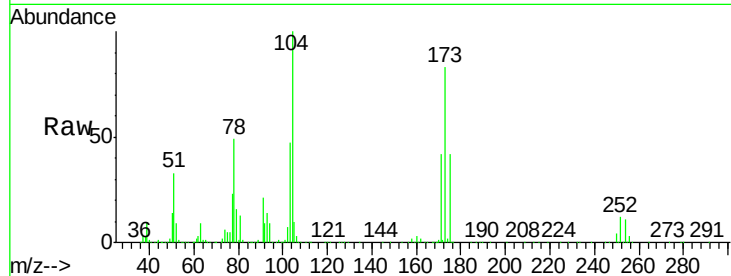
#70
Bromoform
Concen: 50.08 ug/l
RT: 10.72 min Scan# 1034
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.5	25.7	77.0
254	13.7	9.8	14.6

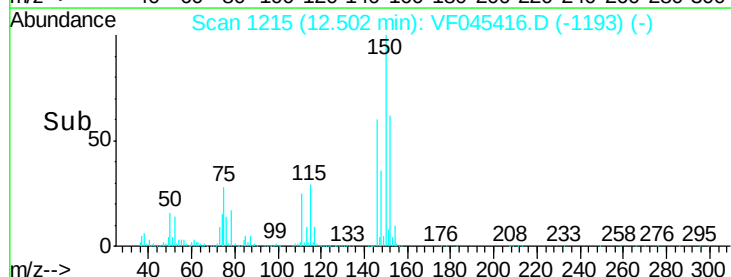
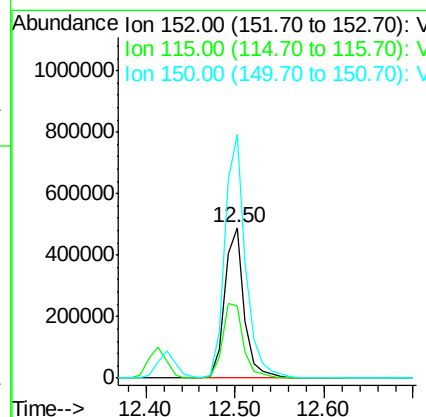
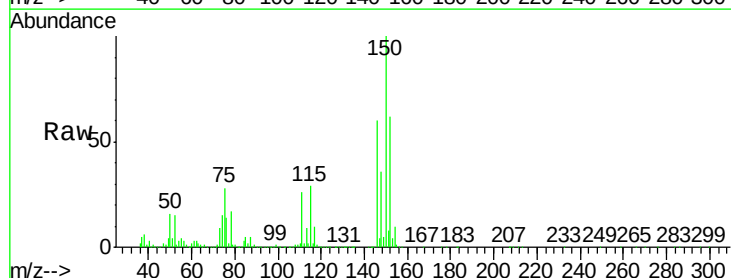
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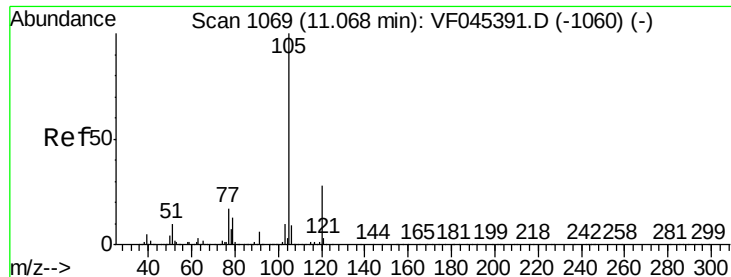
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#71
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.50 min Scan# 1215
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	47.7	28.3	85.0
150	161.6	0.0	324.2





#72

Isopropylbenzene

Concen: 50.76 ug/l

RT: 11.07 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2564629

Ion Ratio Lower Upper

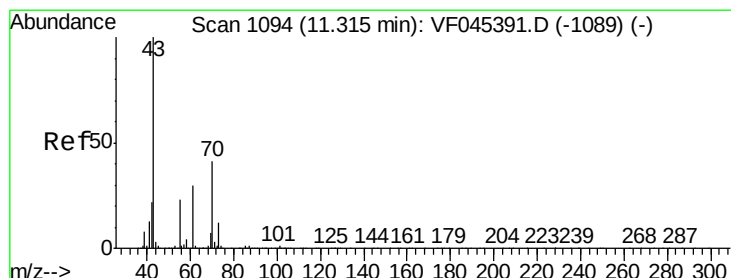
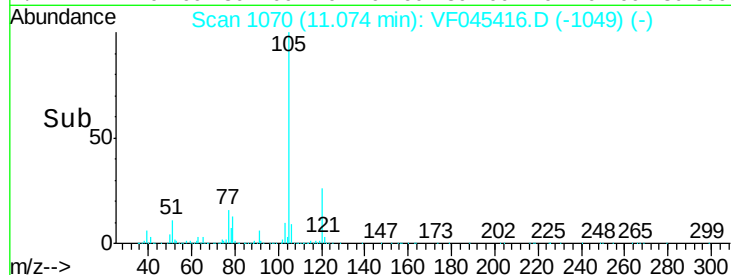
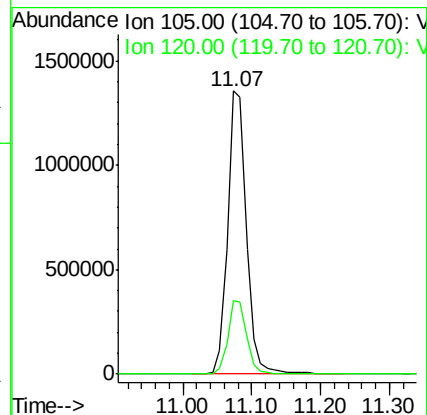
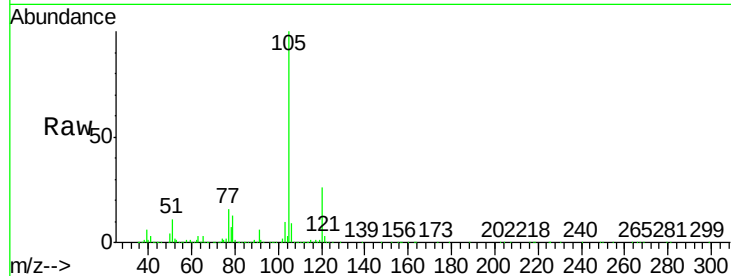
105 100

120 25.9 13.0 39.0

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#73

N-ethyl acetate

Concen: 49.27 ug/l

RT: 11.33 min Scan# 1096

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion: 43 Resp: 689945

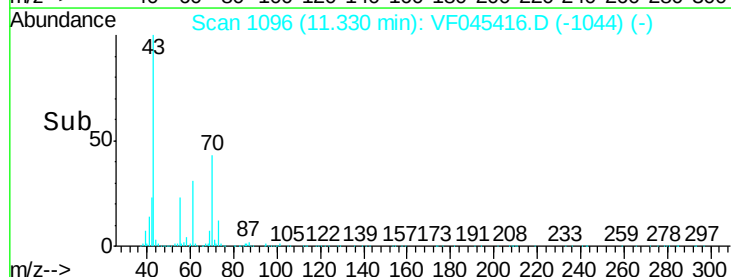
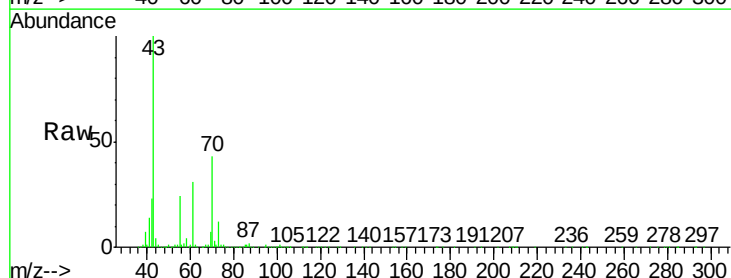
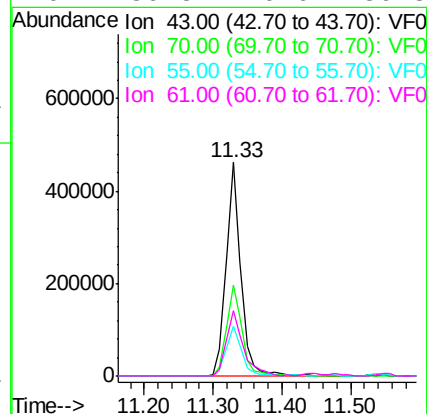
Ion Ratio Lower Upper

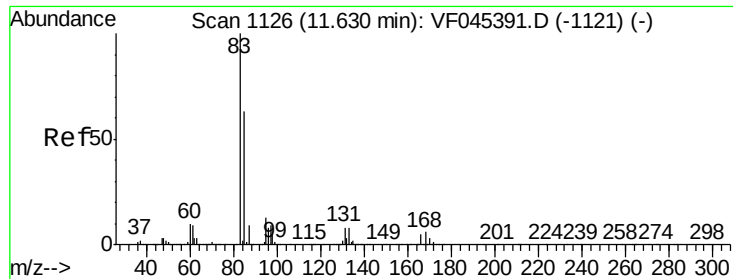
43 100

70 42.8 30.0 45.0

55 23.5 16.8 25.2

61 30.8 20.6 30.8





#74

1,1,2,2-Tetrachloroethane

Concen: 51.67 ug/l

RT: 11.64 min Scan# 1128

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

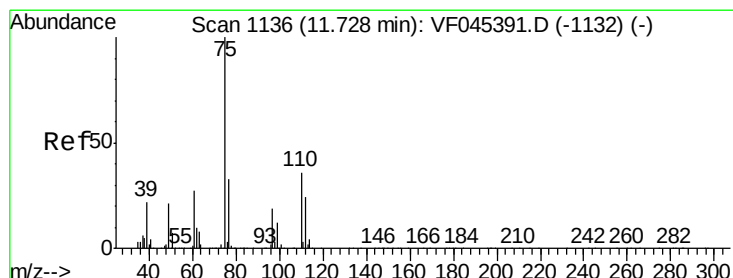
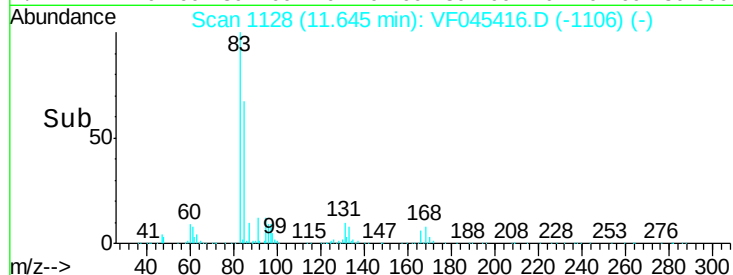
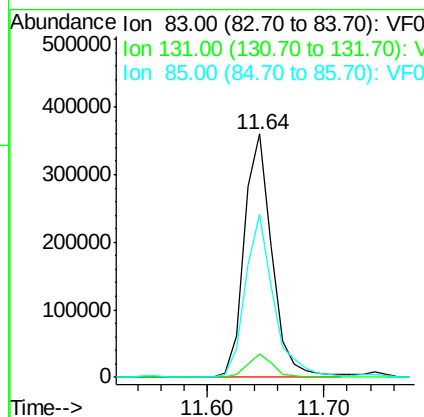
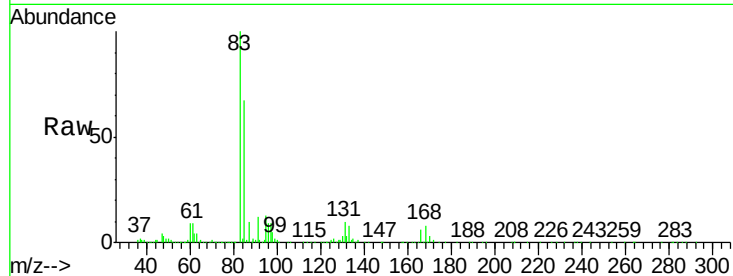
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	591700
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.2	12.6
85	66.9	32.5	97.5

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#75

1,2,3-Trichloropropane

Concen: 52.88 ug/l

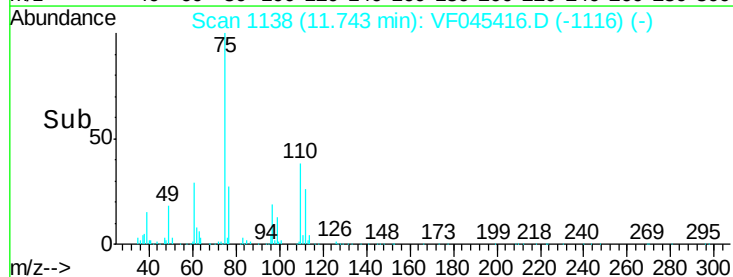
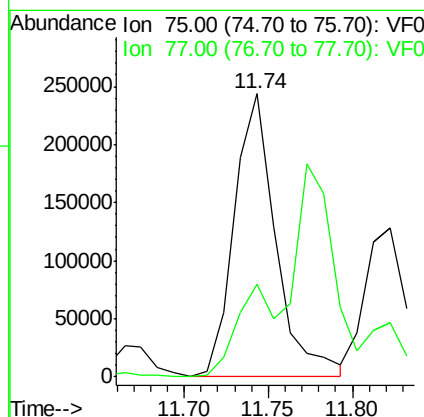
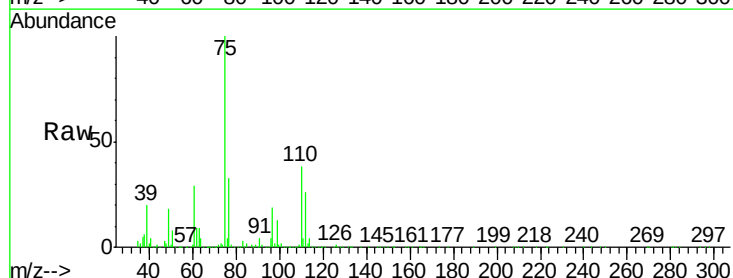
RT: 11.74 min Scan# 1138

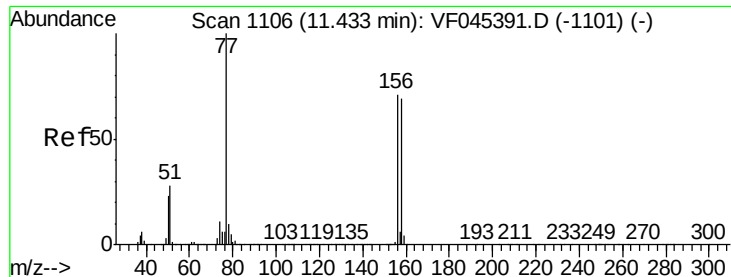
Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion:	75	Resp:	416412
Ion Ratio	Lower	Upper	
75	100		
77	32.6	15.0	45.1





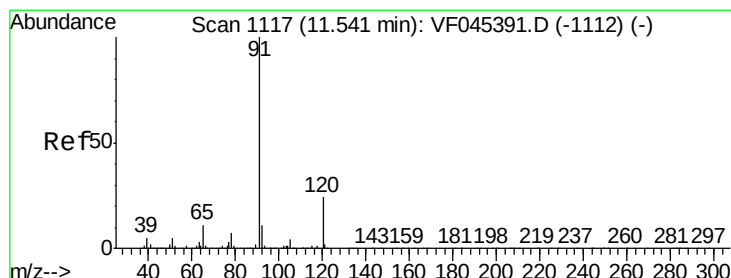
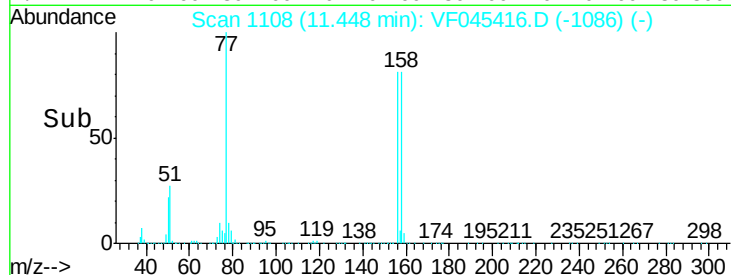
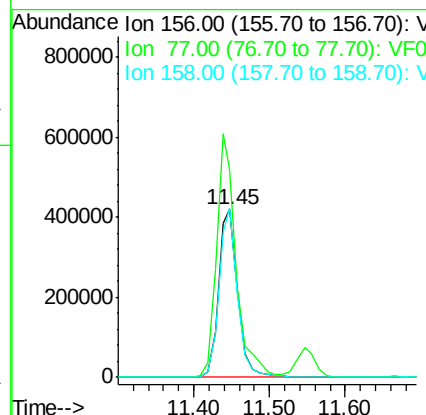
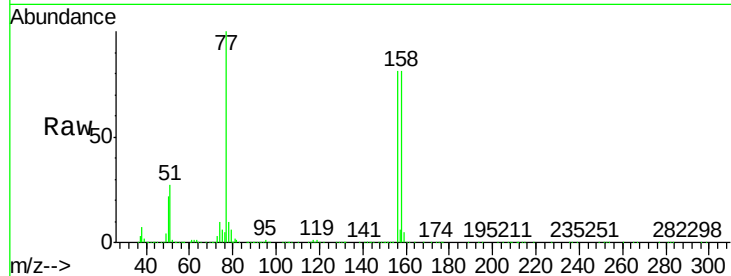
#76
Bromobenzene
Concen: 52.17 ug/l
RT: 11.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	124.1	74.8	224.3
158	100.7	49.5	148.7

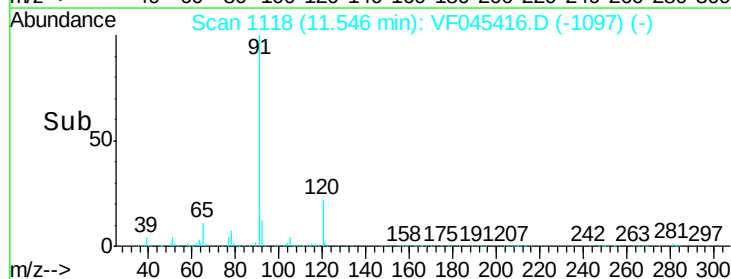
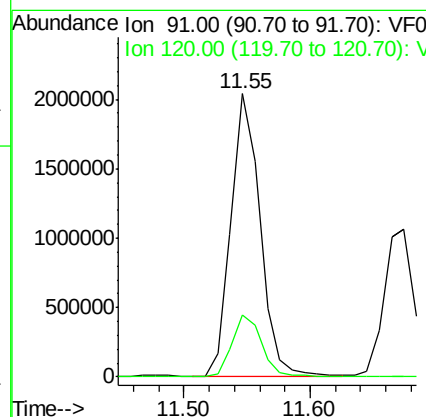
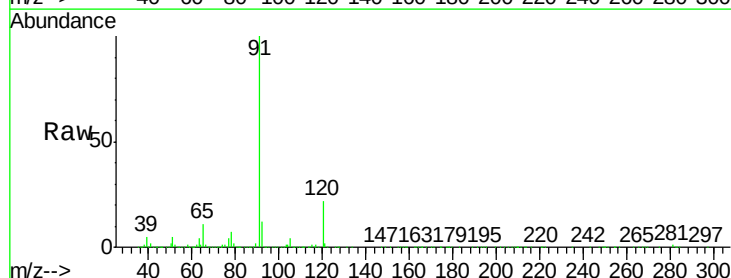
Manual Integrations
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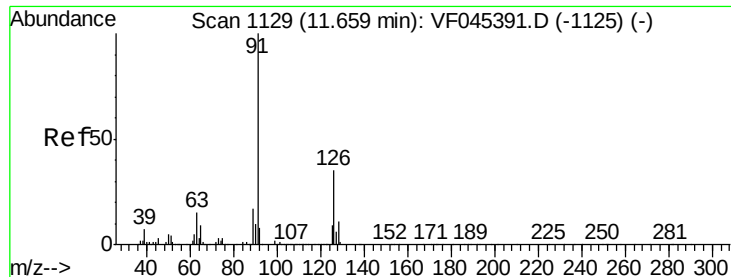
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#77
n-propylbenzene
Concen: 52.11 ug/l
RT: 11.55 min Scan# 1118
Delta R.T. 0.01 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.6	34.7





#78

2-Chlorotoluene

Concen: 50.79 ug/l

RT: 11.67 min Scan# 1131

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1781899

Ion Ratio Lower Upper

91 100

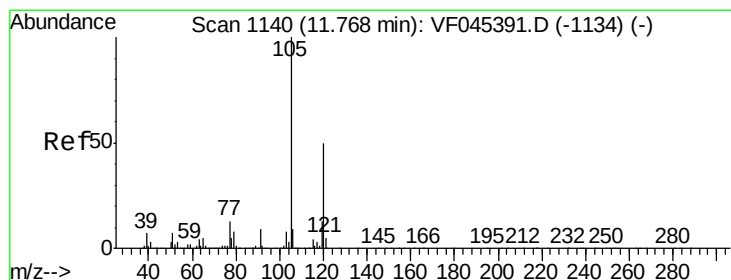
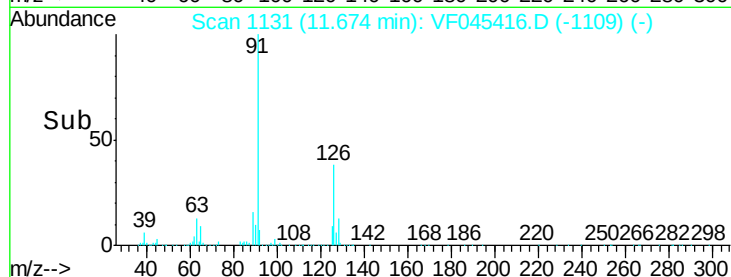
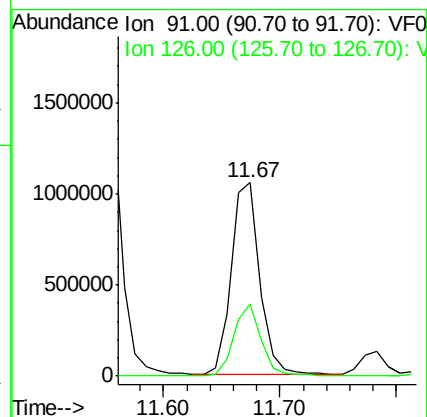
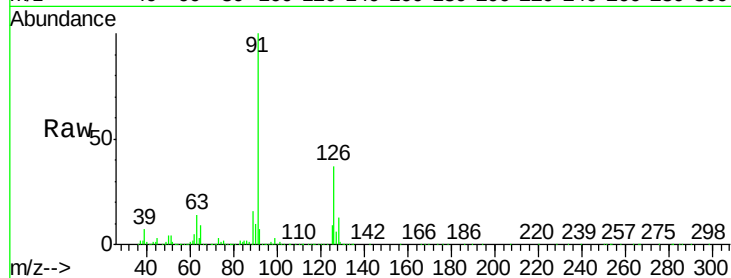
126 37.5 16.9 50.7

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#79

1,3,5-Trimethylbenzene

Concen: 51.39 ug/l

RT: 11.78 min Scan# 1142

Delta R.T. 0.02 min

Lab File: VF045416.D

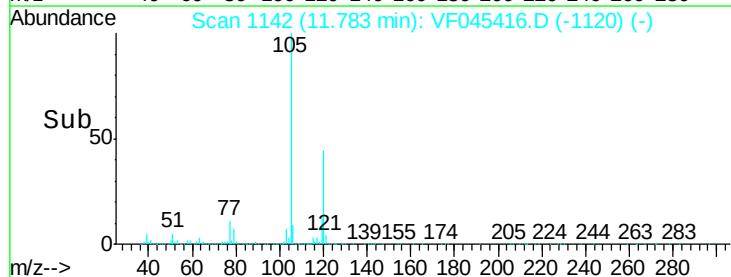
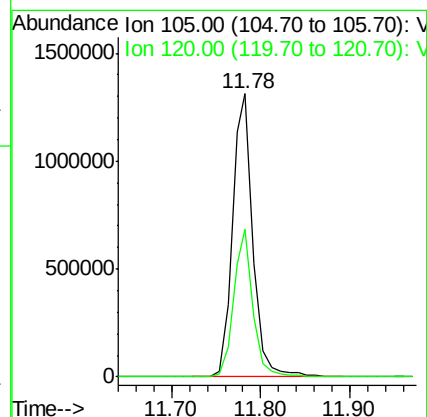
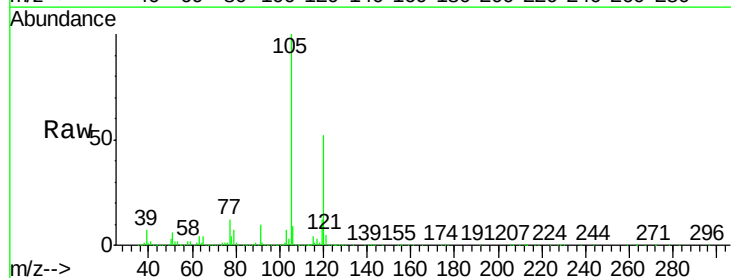
Acq: 17 Sep 2015 19:48

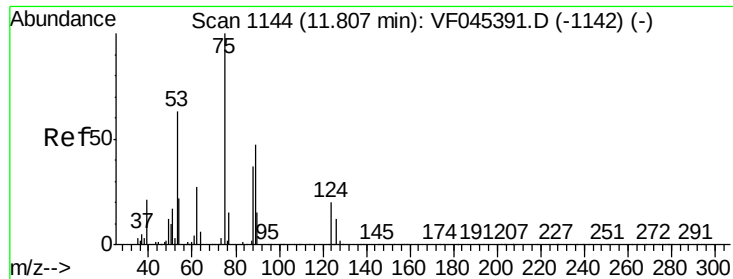
Tgt Ion:105 Resp: 2116002

Ion Ratio Lower Upper

105 100

120 52.0 25.2 75.6





#80

trans-1,4-Dichloro-2-butene

Concen: 59.79 ug/l m

RT: 11.82 min Scan# 1146

Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Instrument :

MSVOA_F

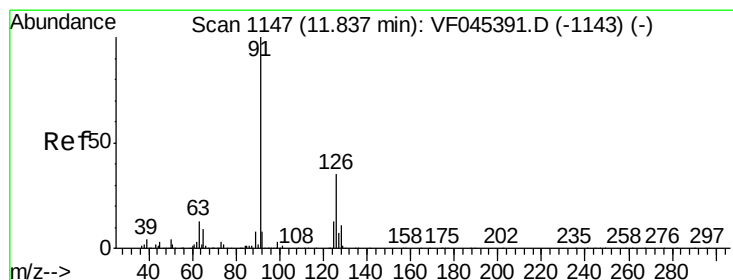
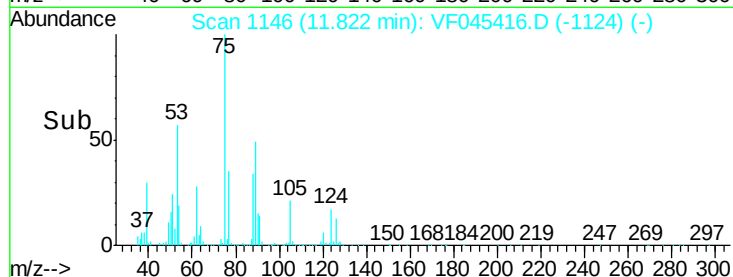
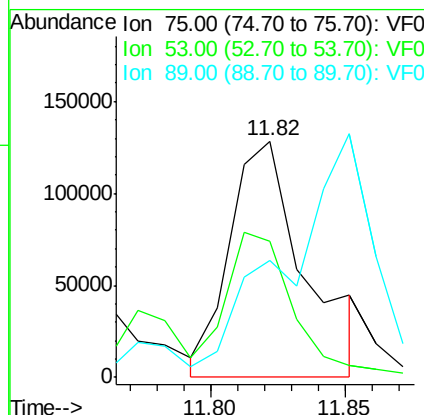
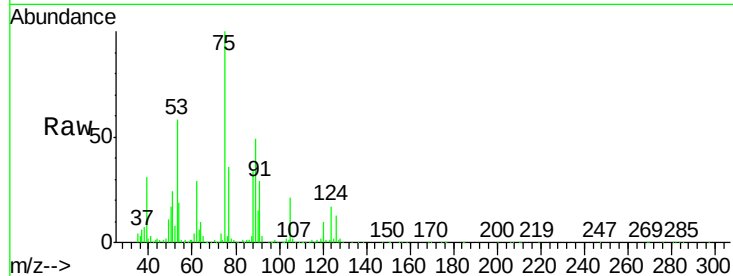
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	252177
Ion Ratio	Lower	Upper	
75	100		
53	57.7	51.0	76.6
89	49.4	38.6	57.8

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#81

4-Chlorotoluene

Concen: 51.31 ug/l

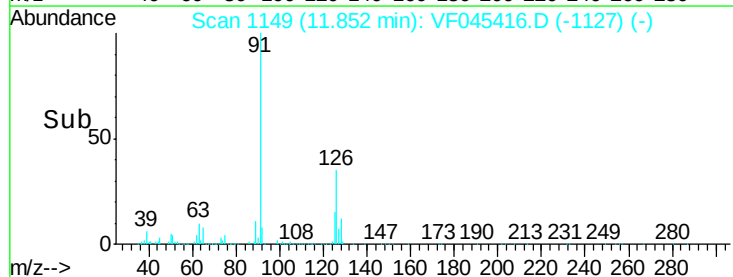
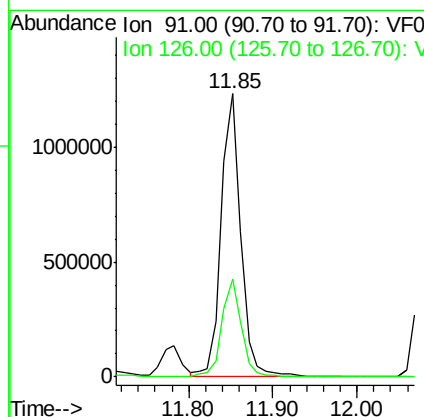
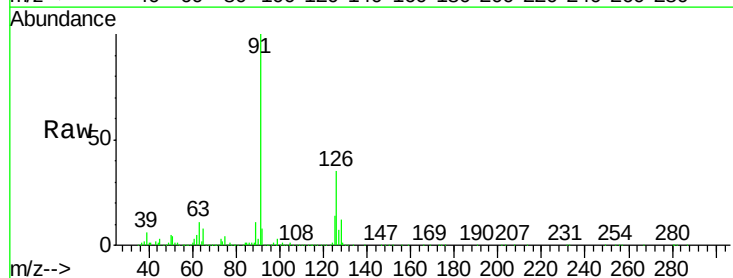
RT: 11.85 min Scan# 1149

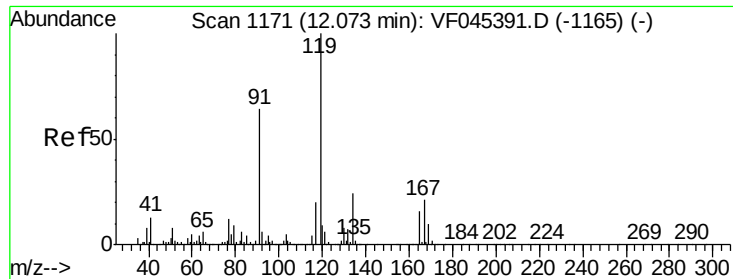
Delta R.T. 0.02 min

Lab File: VF045416.D

Acq: 17 Sep 2015 19:48

Tgt Ion:	91	Resp:	1989882
Ion Ratio	Lower	Upper	
91	100		
126	34.7	15.8	47.4





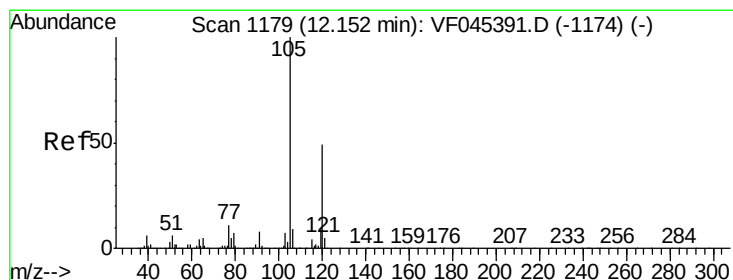
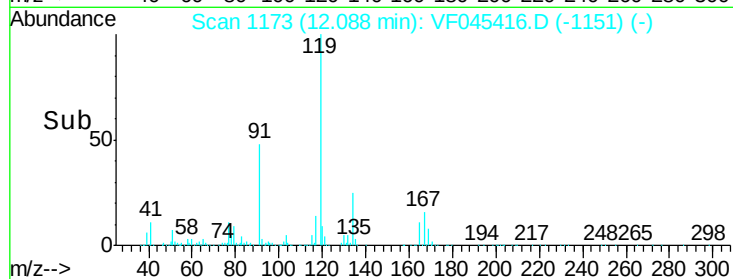
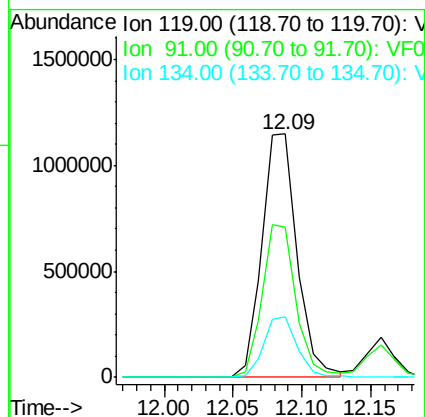
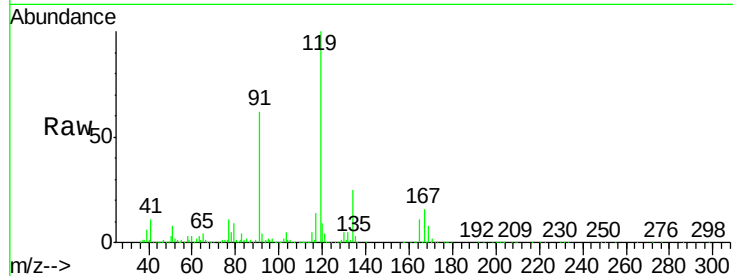
#82
 tert-Butylbenzene
 Concen: 50.30 ug/l
 RT: 12.09 min Scan# 1173
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 2048163
 Ion Ratio Lower Upper
 119 100
 91 61.7 31.1 93.2
 134 24.8 12.2 36.6

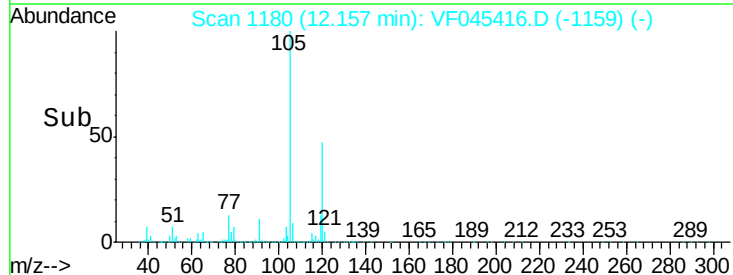
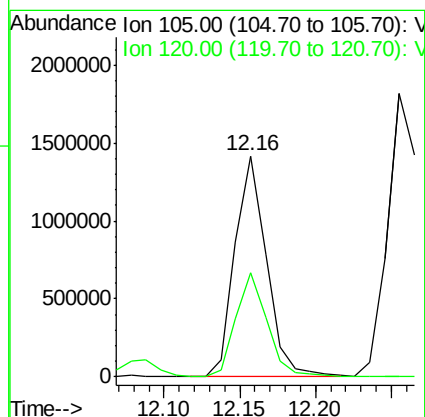
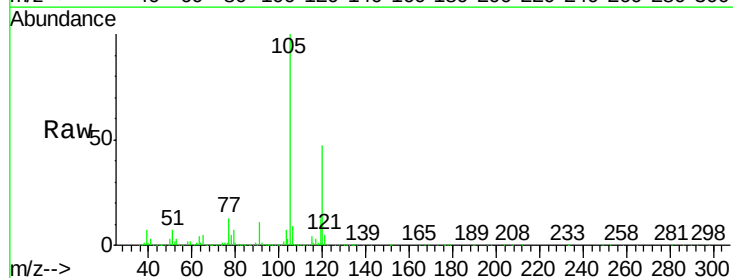
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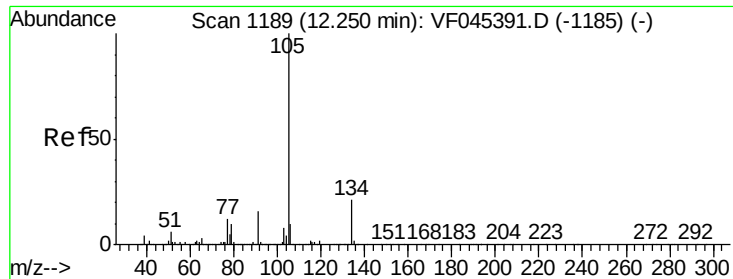
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#83
 1,2,4-Trimethylbenzene
 Concen: 48.74 ug/l
 RT: 12.16 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion:105 Resp: 2057637
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.9 68.7





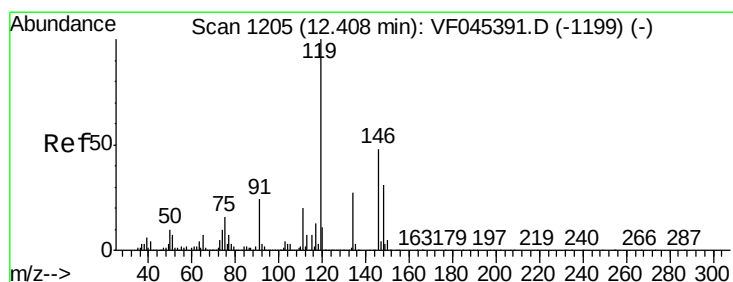
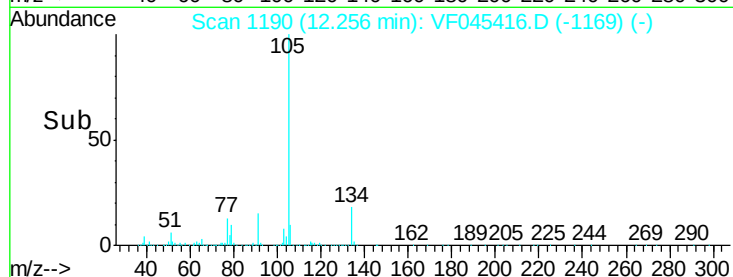
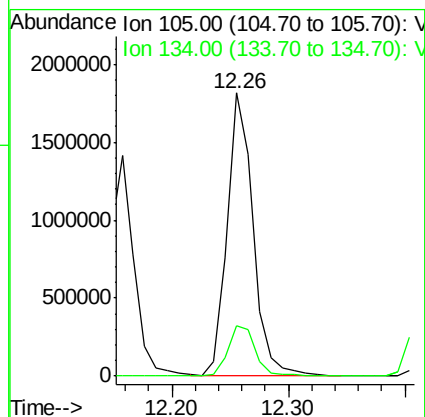
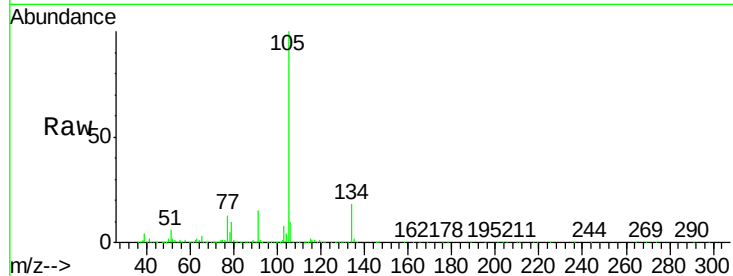
#84
 sec-Butylbenzene
 Concen: 49.33 ug/l
 RT: 12.26 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 2792661
 Ion Ratio Lower Upper
 105 100
 134 17.7 10.5 31.6

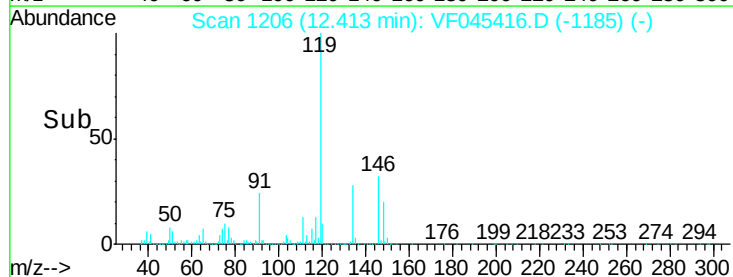
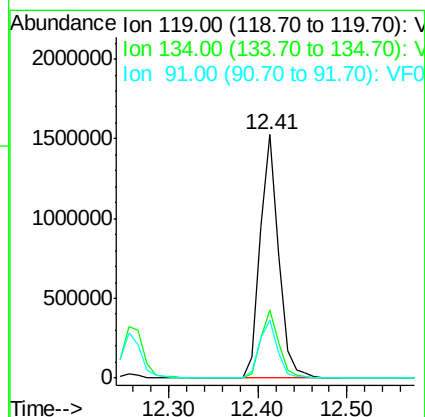
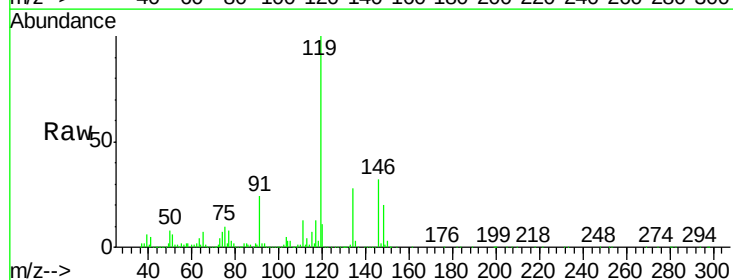
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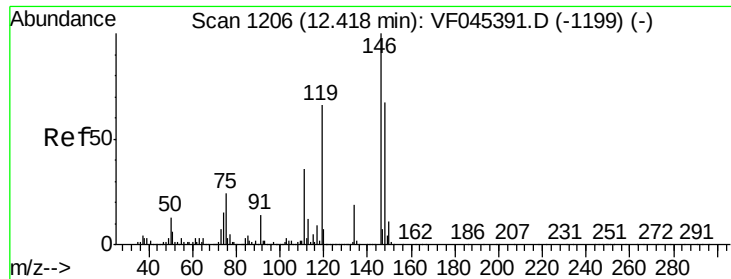
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#85
 p-Isopropyltoluene
 Concen: 48.92 ug/l
 RT: 12.41 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion:119 Resp: 2156035
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.0 38.9
 91 24.1 12.2 36.6





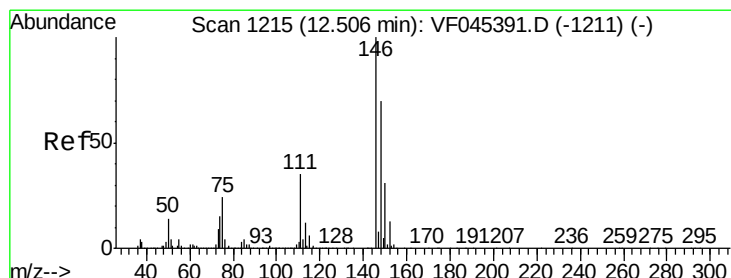
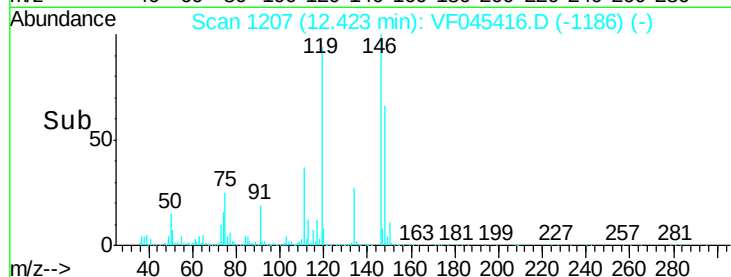
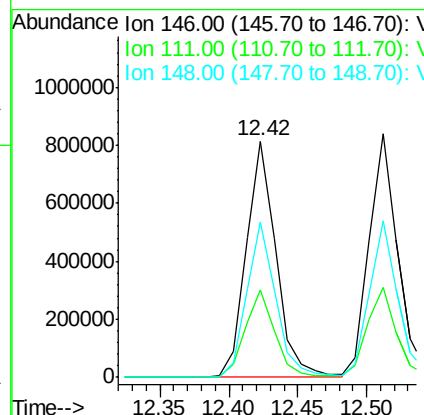
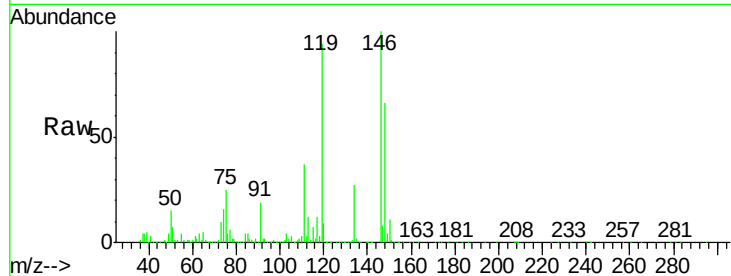
#86
 1,3-Dichlorobenzene
 Concen: 50.68 ug/l
 RT: 12.42 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.9	59.7
148	65.5	32.5	97.4

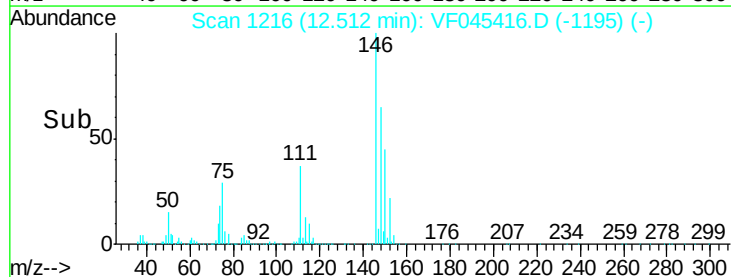
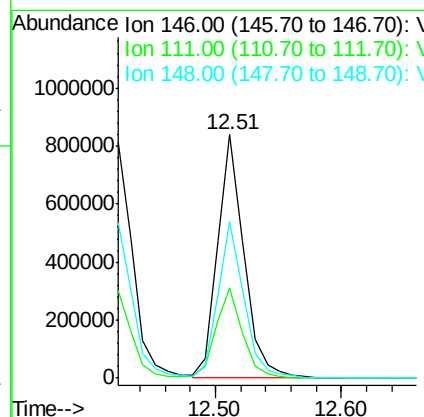
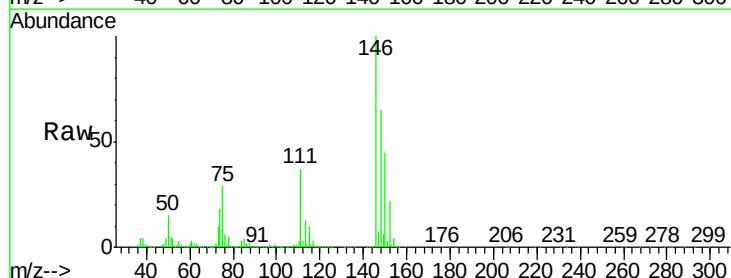
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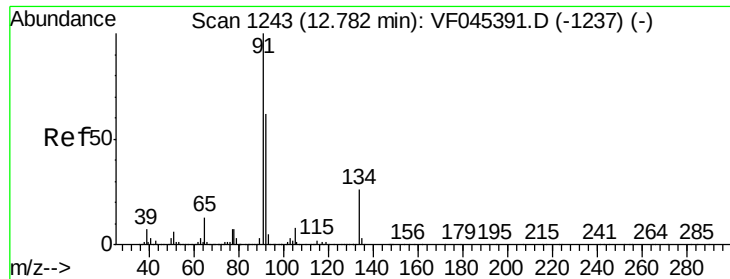
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#87
 1,4-Dichlorobenzene
 Concen: 50.43 ug/l
 RT: 12.51 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.3	52.0
148	64.6	32.4	97.0





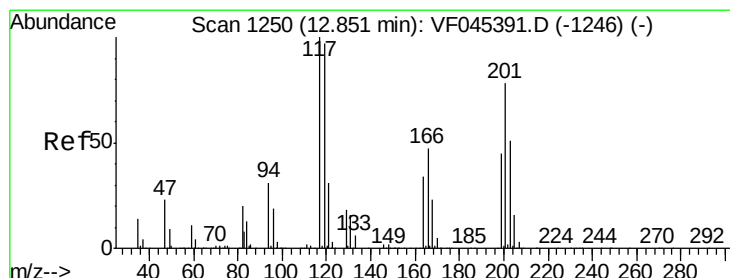
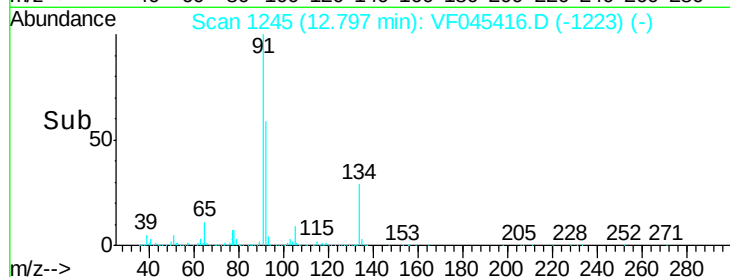
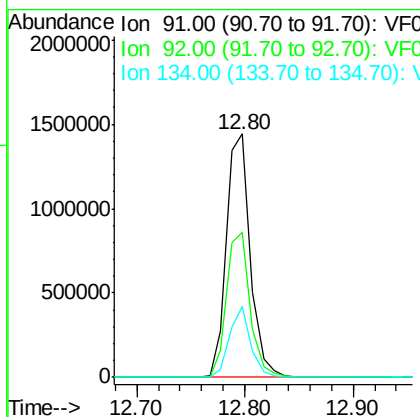
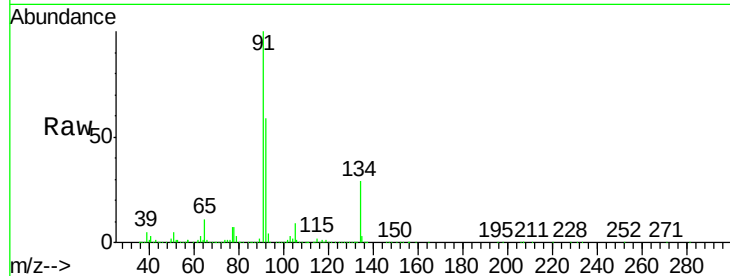
#88
n-Butylbenzene
Concen: 49.99 ug/l
RT: 12.80 min Scan# 1245
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.4	30.1	90.5
134	28.9	13.8	41.4

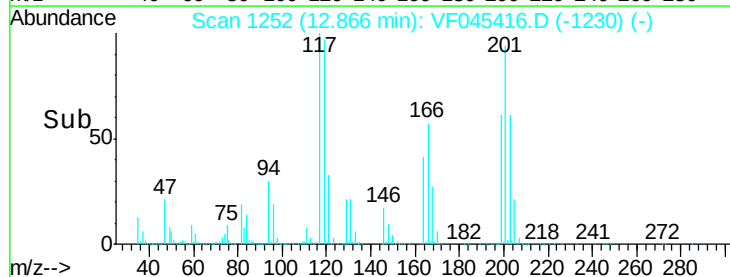
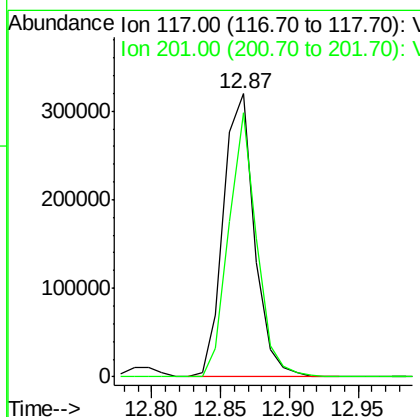
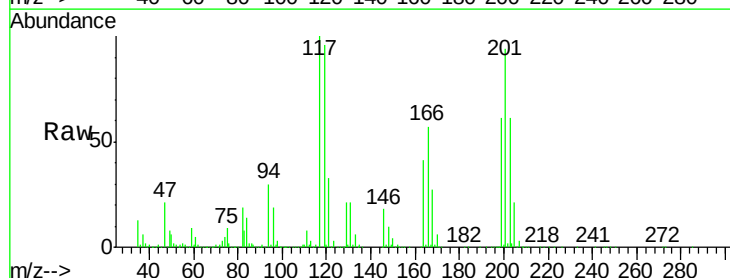
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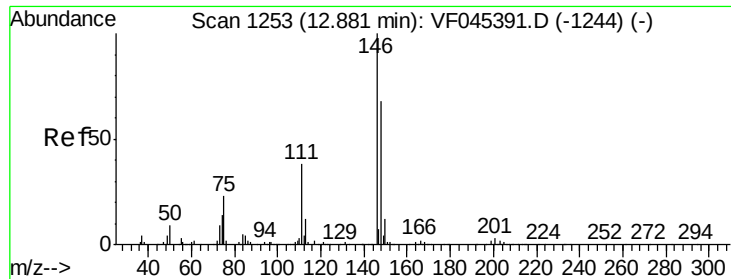
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#89
Hexachloroethane
Concen: 47.96 ug/l
RT: 12.87 min Scan# 1252
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.5	42.0	126.1





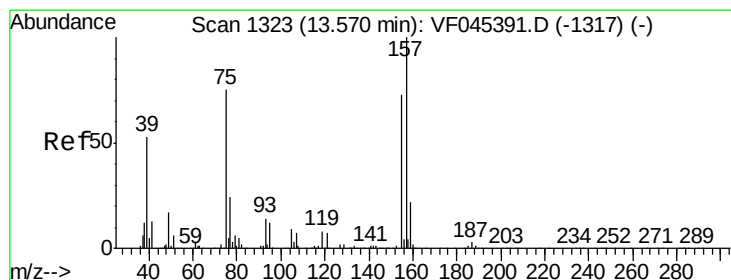
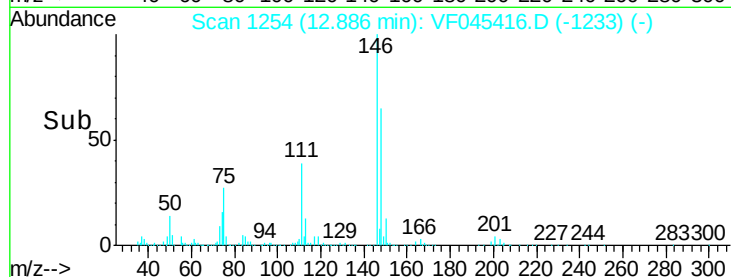
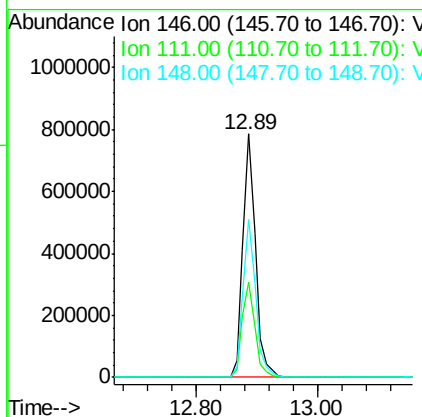
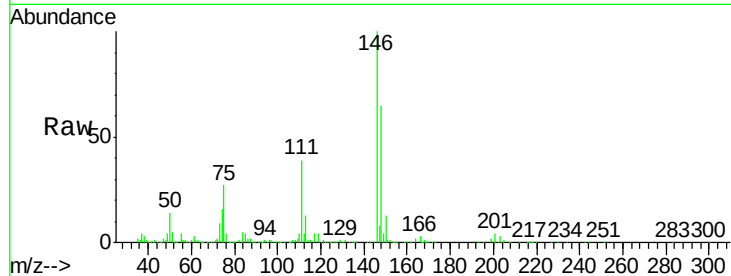
#90
 1,2-Dichlorobenzene
 Concen: 50.67 ug/l
 RT: 12.89 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	21.4	64.3
148	64.6	31.4	94.3

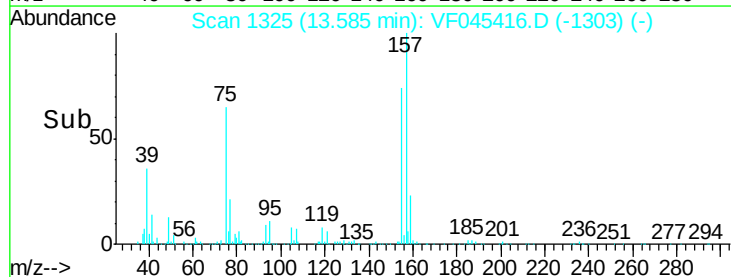
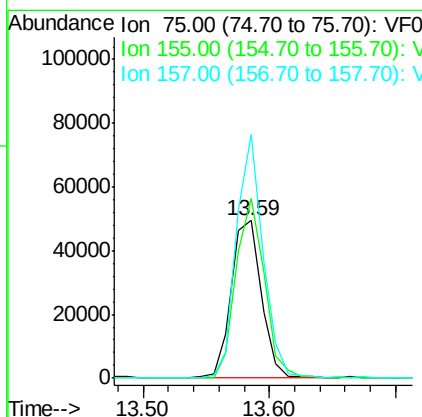
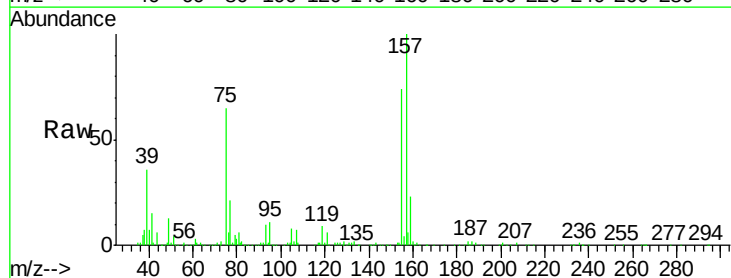
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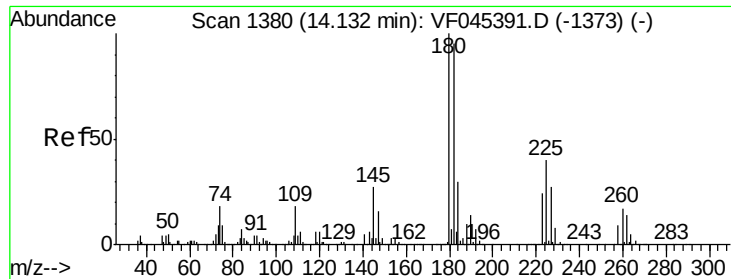
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#91
 1,2-Dibromo-3-Chloropropane
 Concen: 53.75 ug/l
 RT: 13.59 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	114.3	49.2	147.6
157	154.6	66.8	200.4





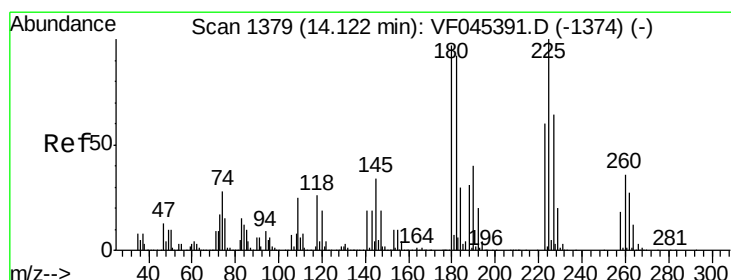
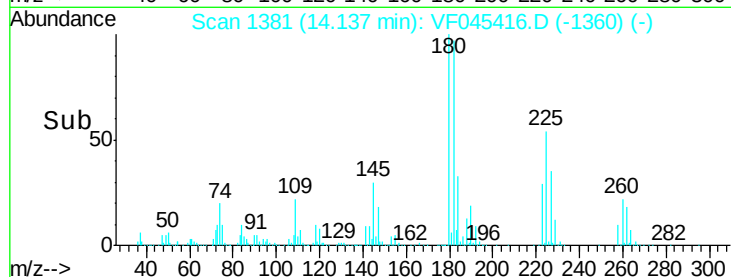
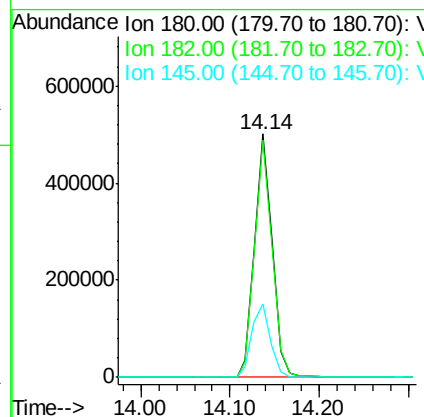
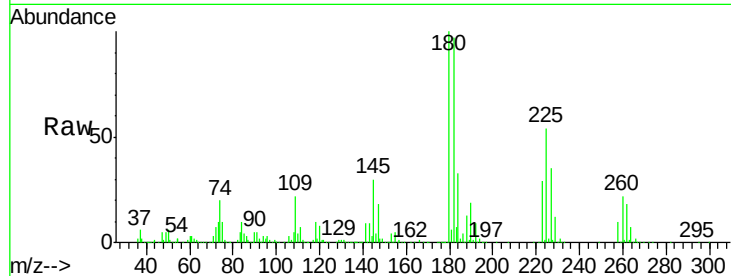
#92
 1,2,4-Trichlorobenzene
 Concen: 52.85 ug/l
 RT: 14.14 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	685249		
182	97.3	49.4	148.0	
145	30.1	16.7	50.1	

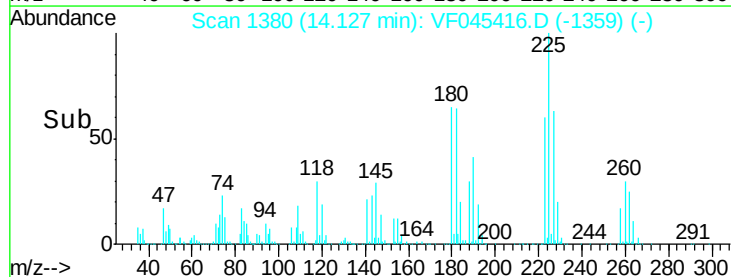
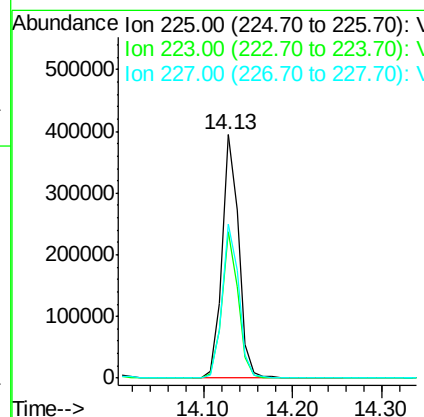
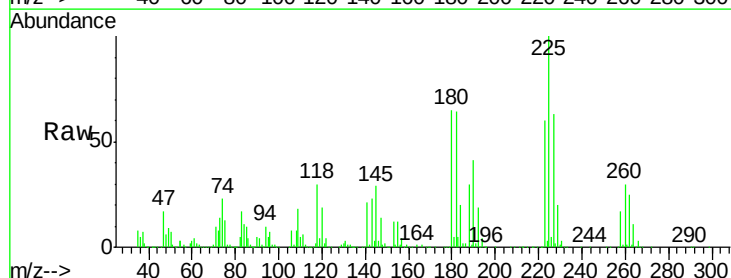
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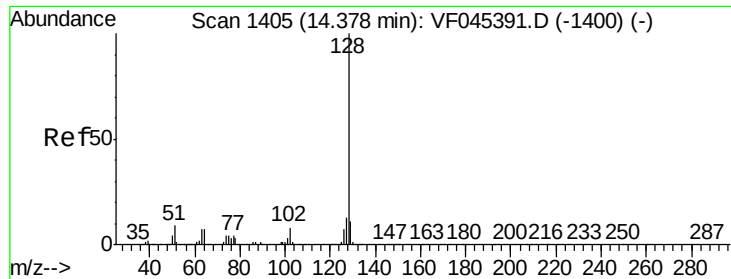
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#93
 Hexachlorobutadiene
 Concen: 52.36 ug/l
 RT: 14.13 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: VF045416.D
 Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	515676		
223	60.4	31.9	95.5	
227	63.3	32.9	98.7	





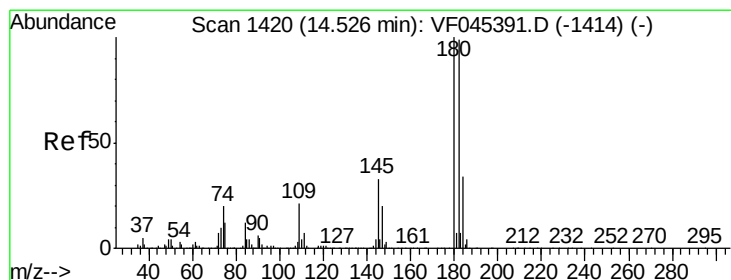
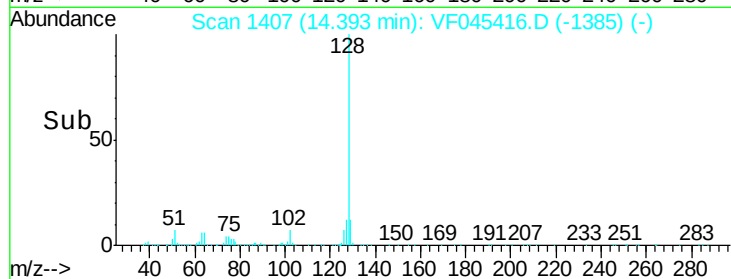
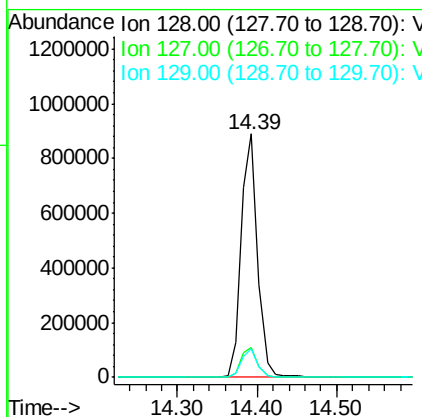
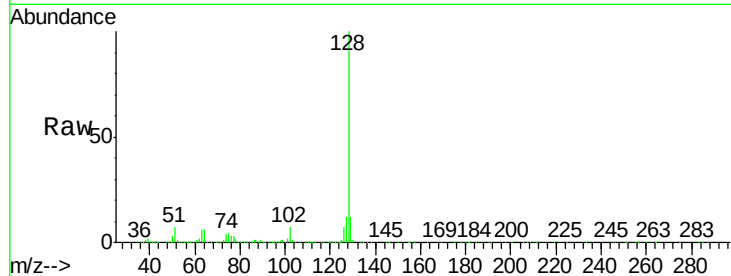
#94
Naphthalene
Concen: 51.91 ug/l
RT: 14.39 min Scan# 1407
Delta R.T. 0.02 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.8	14.8
129	11.6	8.8	13.2

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#95
1,2,3-Trichlorobenzene
Concen: 51.01 ug/l
RT: 14.53 min Scan# 1421
Delta R.T. 0.01 min
Lab File: VF045416.D
Acq: 17 Sep 2015 19:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.8
145	32.3	14.5	43.6

