

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045405.D
 Acq On : 17 Sep 2015 12:15
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:28:44 PM

Quant Time: Sep 18 03:48:43 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	1103255	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	5.55	114	1634344	50.00	ug/l	0.01
62) Chlorobenzene-d5	9.71	117	1563273	50.00	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	12.49	152	807490	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	4.78	65	552321	46.62	ug/l	0.01
Spiked Amount	50.000		Recovery	=	93.24%	
34) Dibromofluoromethane	4.05	113	628820	49.67	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.34%	
49) Toluene-d8	7.50	98	1823566	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
61) 4-Bromofluorobenzene	11.36	95	819203	45.69	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.94	85	448492	47.73	ug/l	100
3) Chloromethane	1.03	50	375721	46.71	ug/l	90
4) Vinyl Chloride	1.09	62	345364	50.09	ug/l	97
5) Bromomethane	1.26	94	195284	45.62	ug/l	99
6) Chloroethane	1.34	64	134825	49.07	ug/l	98
7) Trichlorofluoromethane	1.40	101	687092m	48.57	ug/l	
8) Diethyl Ether	1.60	74	150945	51.05	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.78	101	375075	46.07	ug/l	95
10) Methyl Iodide	1.81	142	796334	47.83	ug/l	95
11) Tert butyl alcohol	2.51	59	27065	203.30	ug/l	99
12) 1,1-Dichloroethene	1.72	96	333393	49.30	ug/l	92
13) Acrolein	1.96	56	150404	272.64	ug/l	89
14) Allyl chloride	2.06	41	549213	52.34	ug/l	93
15) Acrylonitrile	2.89	53	333628	262.22	ug/l	# 90
16) Acetone	2.19	43	712768	265.01	ug/l	99
17) Carbon Disulfide	1.74	76	1121166	48.65	ug/l	99
18) Methyl Acetate	2.30	43	514448	49.87	ug/l	94
19) Methyl tert-butyl Ether	2.39	73	241897	45.45	ug/l	96
20) Methylene Chloride	2.14	84	352084	47.99	ug/l	94
21) trans-1,2-Dichloroethene	2.27	96	362418	47.80	ug/l	97
22) Diisopropyl ether	2.75	45	1100467	49.20	ug/l	96
23) Vinyl Acetate	3.13	43	1661409	254.45	ug/l	100
24) 1,1-Dichloroethane	2.82	63	760328	50.22	ug/l	98
25) 2-Butanone	4.26	43	936995	249.04	ug/l	97
26) 2,2-Dichloropropane	3.55	77	679324	48.18	ug/l	98
27) cis-1,2-Dichloroethene	3.42	96	532984	45.51	ug/l	98
28) Bromochloromethane	3.66	49	290582	48.87	ug/l	88
29) Chloroform	3.79	83	1000537	47.01	ug/l	99
30) Cyclohexane	3.65	56	664401	48.63	ug/l	97
31) 1,1,1-Trichloroethane	4.04	97	813740	46.16	ug/l	96
35) 1,1-Dichloropropene	4.23	75	754612	48.67	ug/l	96
36) Ethyl Acetate	4.04	43	373480	47.61	ug/l	# 36
37) Carbon Tetrachloride	3.93	117	728337	44.59	ug/l	98
38) Methylcyclohexane	5.41	83	764364	45.86	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.58	78	1612566	44.49	ug/l	99
40) Methacrylonitrile	4.69	41	164316	44.25	ug/l #	90
41) 1,2-Dichloroethane	4.88	62	627113	42.89	ug/l	97
42) Isopropyl Acetate	6.91	43	517130	50.03	ug/l #	94
43) Trichloroethene	5.45	130	559402	45.19	ug/l	100
44) 1,2-Dichloropropane	6.18	63	480571	45.50	ug/l	91
45) Dibromomethane	6.03	93	338655	45.06	ug/l	99
46) Bromodichloromethane	6.33	83	748411	44.47	ug/l	99
47) Methyl methacrylate	6.66	41	311575	49.66	ug/l	90
48) 1,4-Dioxane	6.65	88	67875	903.16	ug/l	96
50) 4-Methyl-2-Pentanone	8.21	43	1769273	240.72	ug/l	100
51) Toluene	7.57	92	1302039	46.61	ug/l	98
52) t-1,3-Dichloropropene	8.22	75	714621	47.24	ug/l	94
53) cis-1,3-Dichloropropene	7.24	75	807431	45.20	ug/l	98
54) 1,1,2-Trichloroethane	8.42	97	446579	47.27	ug/l	96
55) Ethyl methacrylate	8.57	69	601659	48.96	ug/l	93
56) 1,3-Dichloropropane	8.79	76	725046	47.05	ug/l	99
58) 2-Hexanone	9.43	43	1463375	250.14	ug/l	94
59) Dibromochloromethane	8.65	129	594201	44.38	ug/l	95
60) 1,2-Dibromoethane	8.93	107	505830	47.18	ug/l	95
63) Tetrachloroethene	8.10	164	548485	44.16	ug/l	98
64) Chlorobenzene	9.73	112	1506992	45.95	ug/l	98
65) 1,1,1,2-Tetrachloroethane	9.86	131	532089	44.38	ug/l	95
66) Ethyl Benzene	9.84	91	2500734	44.01	ug/l	100
67) m/p-Xylenes	10.07	106	1869277	91.77	ug/l	96
68) o-Xylene	10.66	106	927239	43.85	ug/l	97
69) Styrene	10.74	104	1553355	46.03	ug/l	96
70) Bromoform	10.71	173	395542	44.46	ug/l	97
72) Isopropylbenzene	11.07	105	2713132	50.15	ug/l	100
73) N-amyl acetate	11.33	43	727374	48.50	ug/l #	88
74) 1,1,2,2-Tetrachloroethane	11.64	83	583430	47.58	ug/l	97
75) 1,2,3-Trichloropropane	11.74	75	405950	48.14	ug/l	96
76) Bromobenzene	11.44	156	706276	46.03	ug/l	99
77) n-propylbenzene	11.55	91	3309417	49.28	ug/l	99
78) 2-Chlorotoluene	11.66	91	1840202	48.98	ug/l	99
79) 1,3,5-Trimethylbenzene	11.77	105	2145721	48.67	ug/l	99
80) trans-1,4-Dichloro-2-buten	11.81	75	252130m	55.83	ug/l	
81) 4-Chlorotoluene	11.85	91	1954851	47.08	ug/l	93
82) tert-Butylbenzene	12.08	119	2060327	47.25	ug/l	98
83) 1,2,4-Trimethylbenzene	12.16	105	2140245	47.34	ug/l	96
84) sec-Butylbenzene	12.26	105	3022184	49.86	ug/l	98
85) p-Isopropyltoluene	12.41	119	2230545	47.27	ug/l	97
86) 1,3-Dichlorobenzene	12.42	146	1230616	47.18	ug/l	97
87) 1,4-Dichlorobenzene	12.51	146	1213079	46.58	ug/l	97
88) n-Butylbenzene	12.79	91	2318153	48.86	ug/l	98
89) Hexachloroethane	12.86	117	515035	46.10	ug/l	82
90) 1,2-Dichlorobenzene	12.89	146	1089259	45.40	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	13.58	75	80026	49.16	ug/l	87
92) 1,2,4-Trichlorobenzene	14.14	180	673730	48.53	ug/l	95
93) Hexachlorobutadiene	14.13	225	503295	47.72	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Naphthalene	14.39	128	1230861	47.05	ug/l	98
95) 1,2,3-Trichlorobenzene	14.53	180	572742	50.21	ug/l	99

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

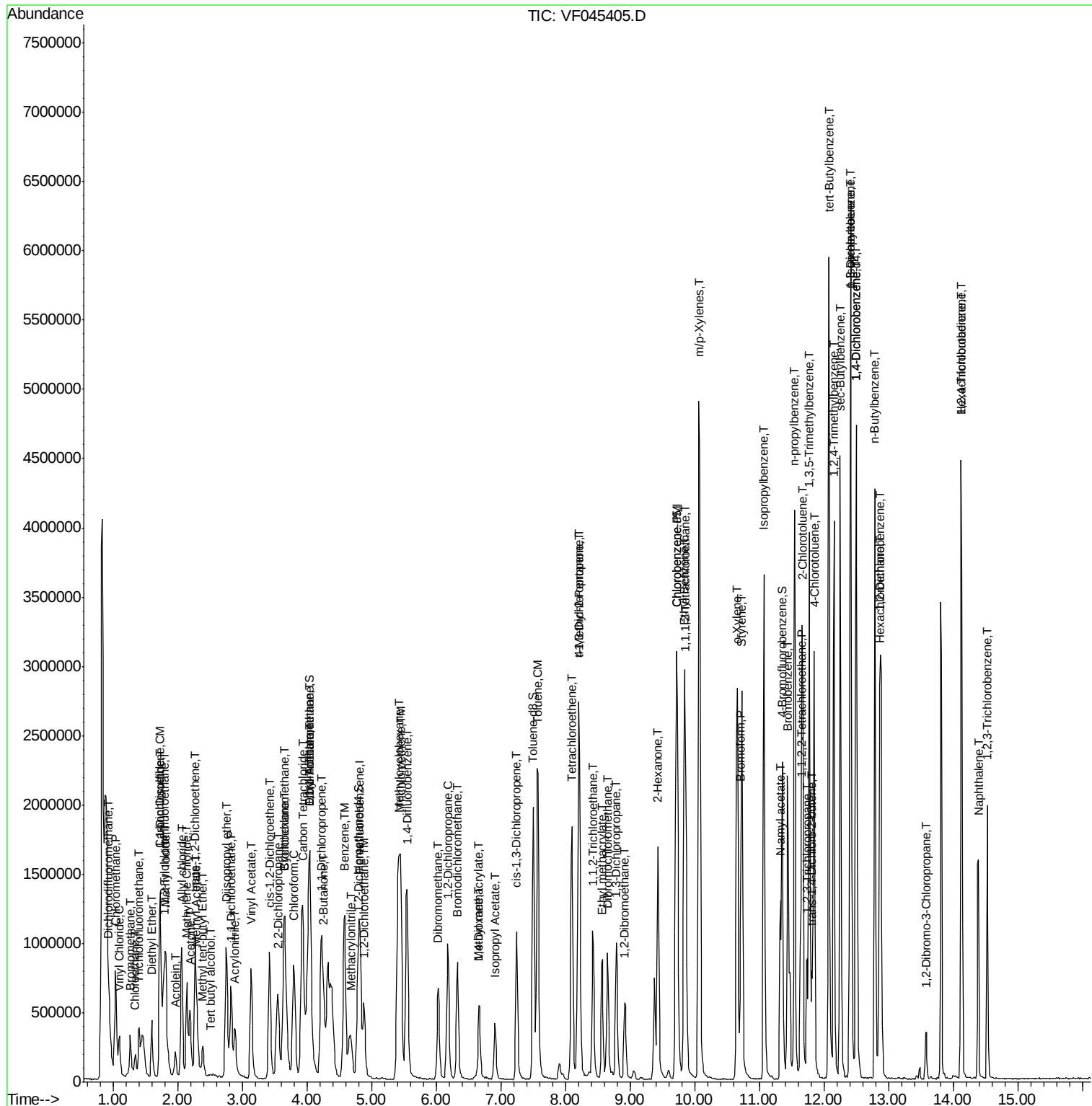
Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045405.D
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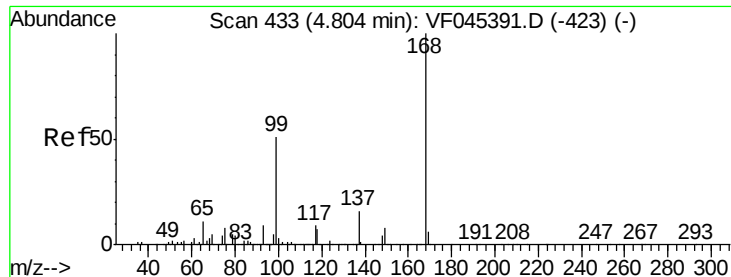
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 435

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1103255

Ion Ratio Lower Upper

168 100

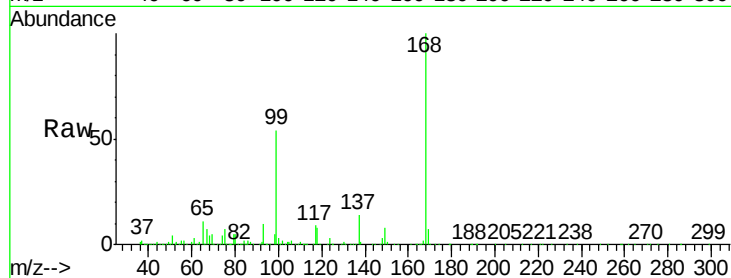
99 53.9 39.0 58.4

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.82

400000

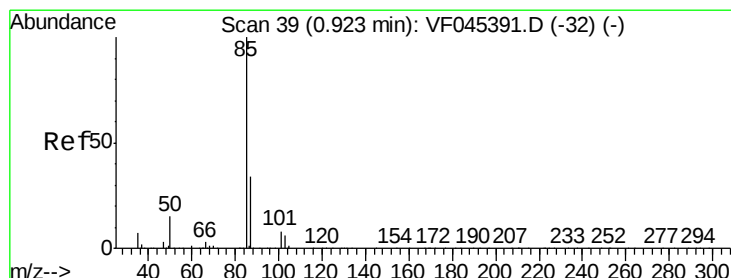
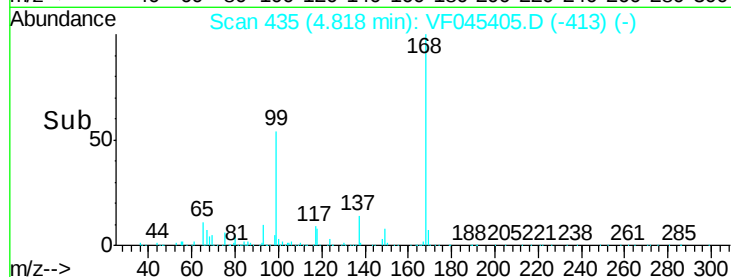
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.73 ug/l

RT: 0.94 min Scan# 41

Delta R.T. 0.01 min

Lab File: VF045405.D

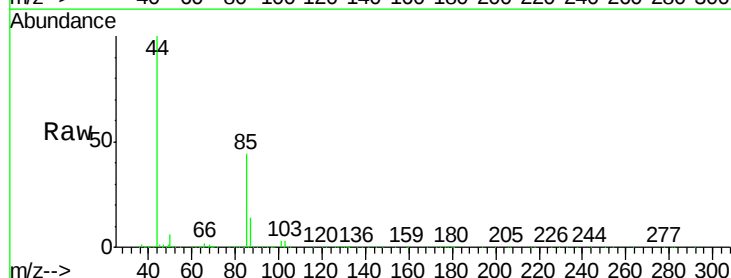
Acq: 17 Sep 2015 12:15

Tgt Ion: 85 Resp: 448492

Ion Ratio Lower Upper

85 100

87 31.4 15.6 46.7



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.94

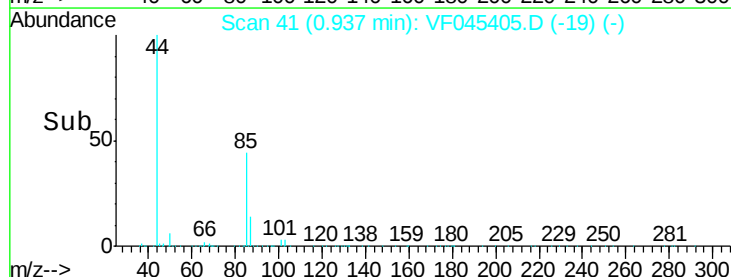
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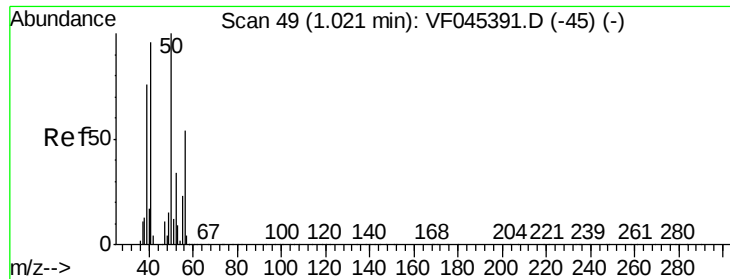
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.71 ug/l

RT: 1.03 min Scan# 50

Delta R.T. 0.00 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 375721

Ion Ratio Lower Upper

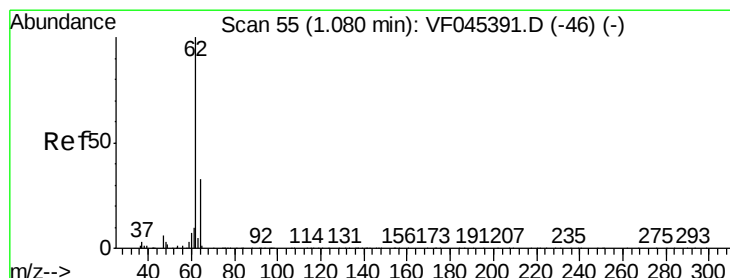
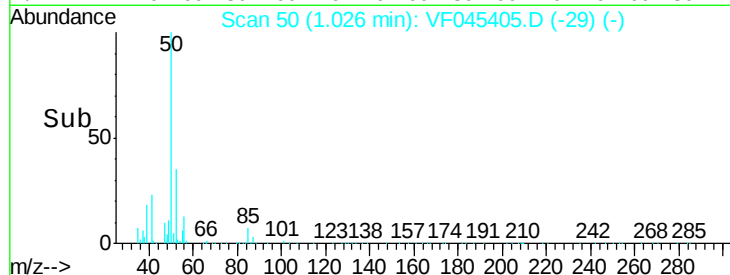
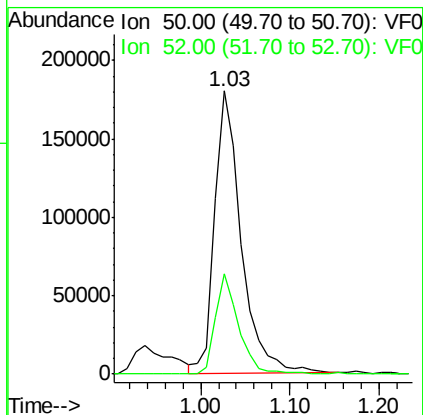
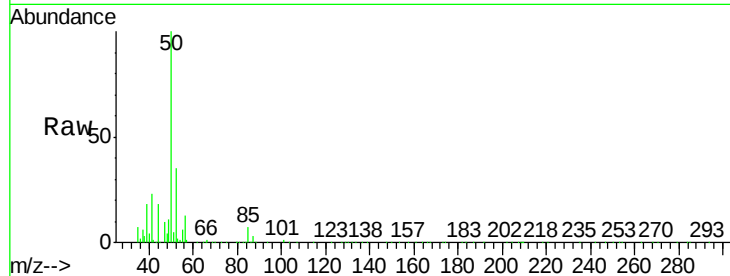
50 100

52 35.3 23.8 35.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.09 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.01 min

Lab File: VF045405.D

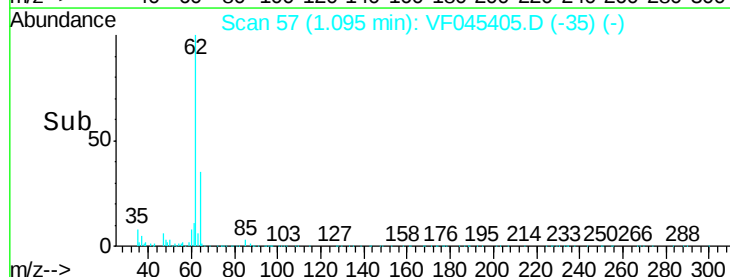
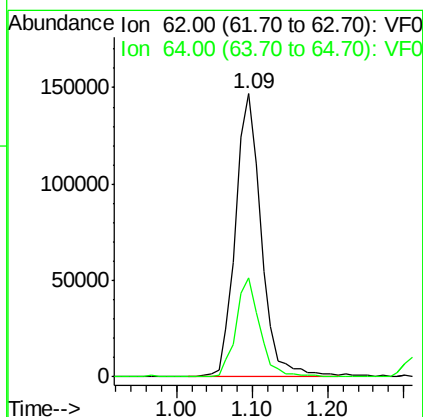
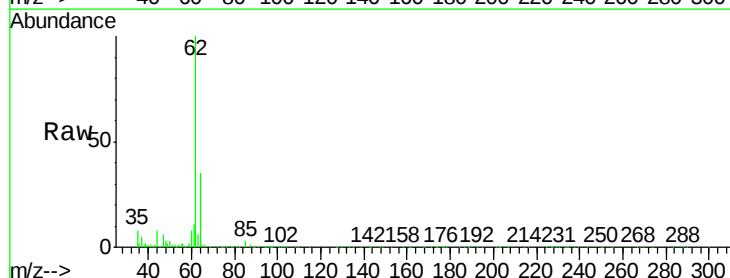
Acq: 17 Sep 2015 12:15

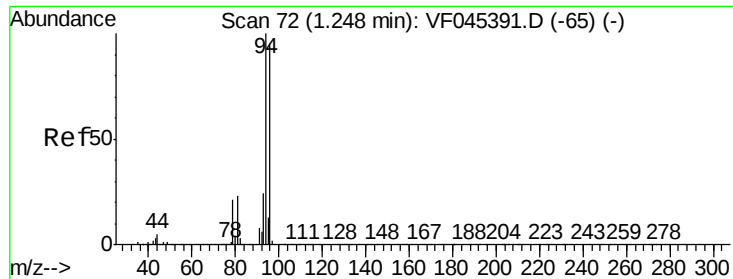
Tgt Ion: 62 Resp: 345364

Ion Ratio Lower Upper

62 100

64 34.8 26.6 39.8





#5

Bromomethane

Concen: 45.62 ug/l

RT: 1.26 min Scan# 74

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 195284

Ion Ratio Lower Upper

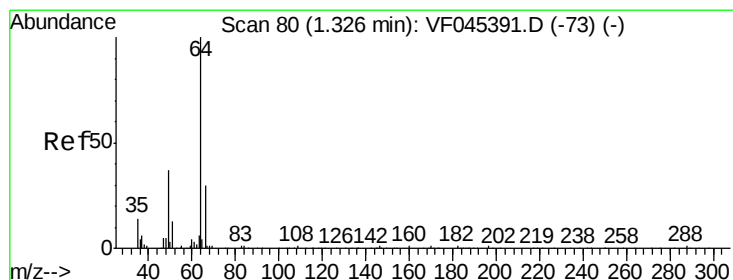
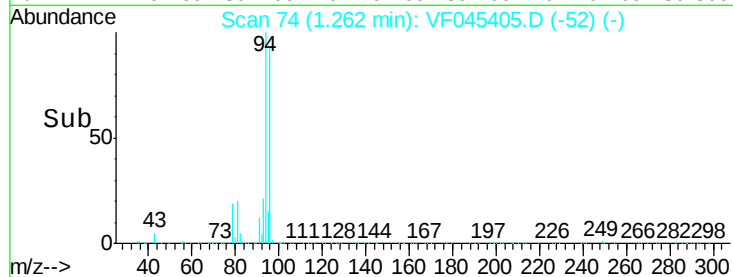
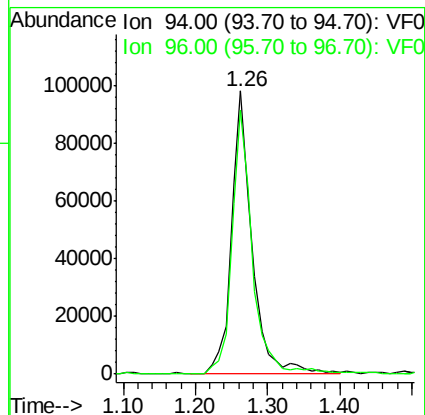
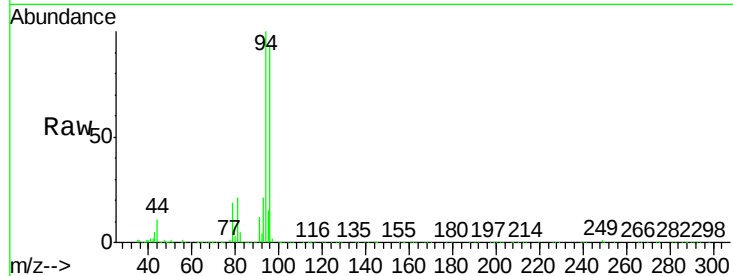
94 100

96 93.1 75.0 112.4

Manual Integrations
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#6

Chloroethane

Concen: 49.07 ug/l

RT: 1.34 min Scan# 82

Delta R.T. 0.01 min

Lab File: VF045405.D

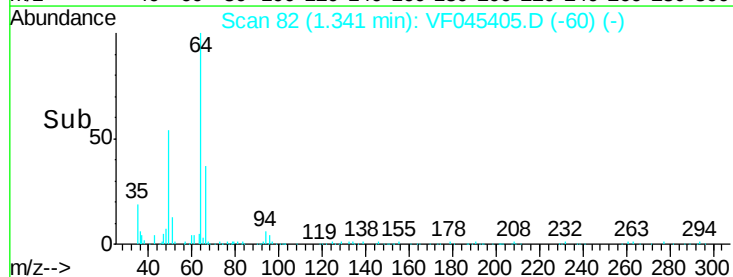
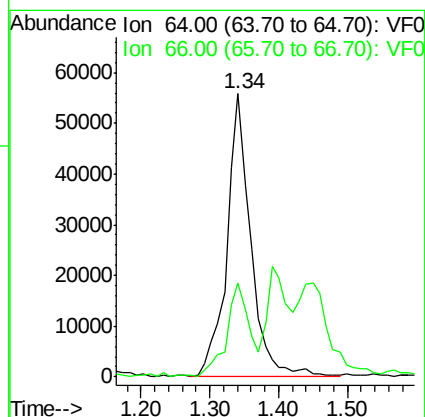
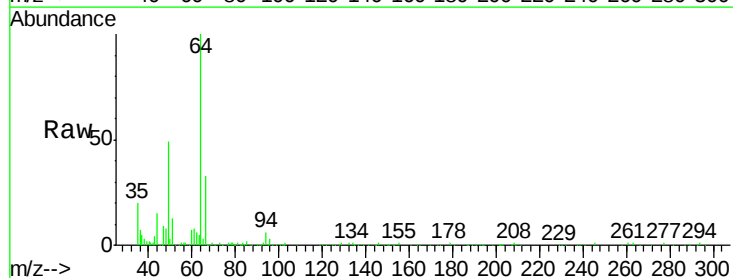
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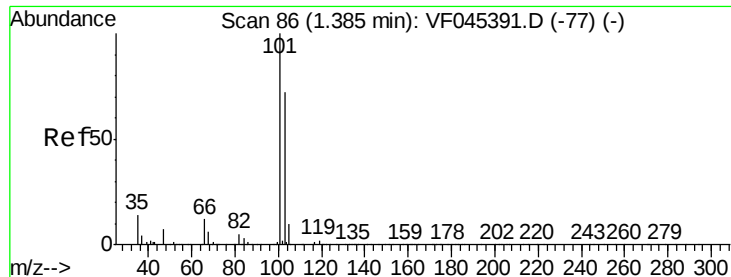
Tgt Ion: 64 Resp: 134825

Ion Ratio Lower Upper

64 100

66 33.2 27.3 40.9





#7

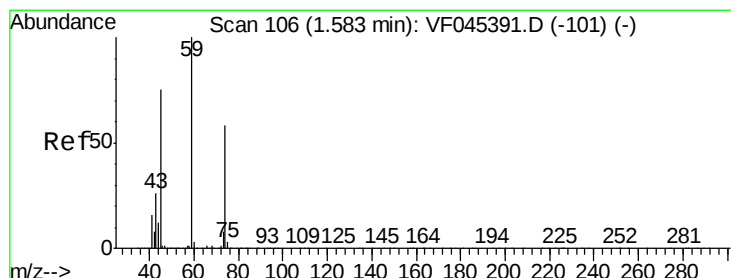
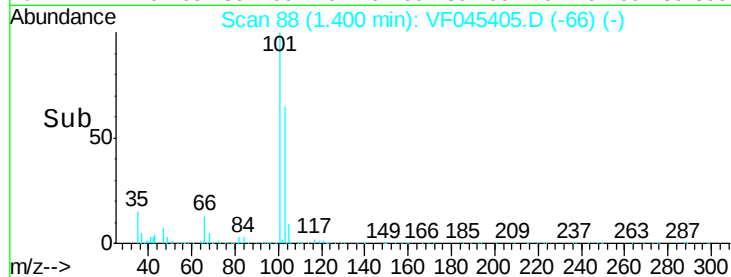
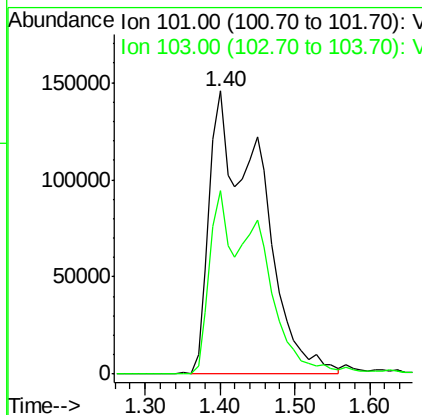
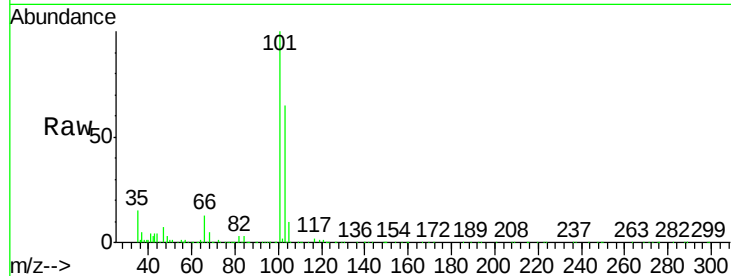
Trichlorofluoromethane
Concen: 48.57 ug/l m
RT: 1.40 min Scan# 88
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.8	76.2

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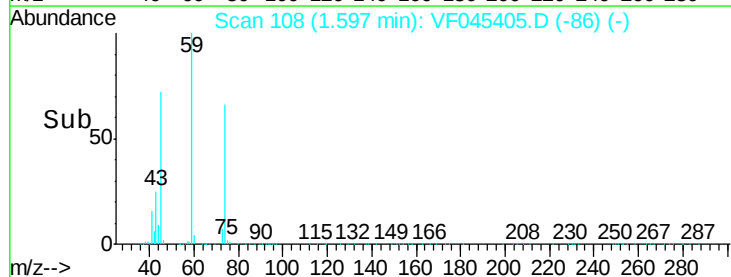
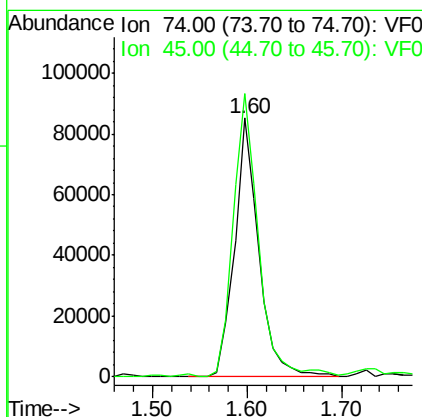
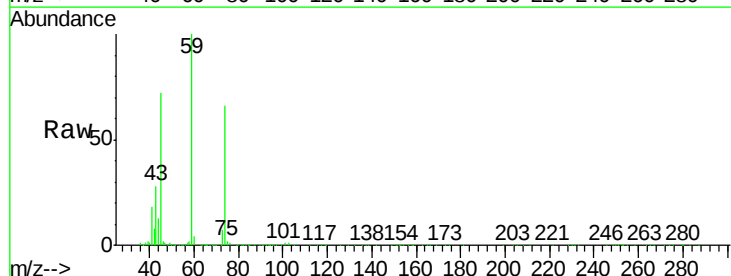
MMDadoda
9/18/2015 12:28:44 PM

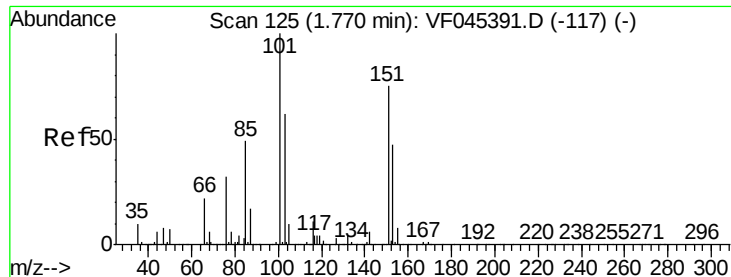


#8

Diethyl Ether
Concen: 51.05 ug/l
RT: 1.60 min Scan# 108
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.3	60.9	182.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.07 ug/l

RT: 1.78 min Scan# 127

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

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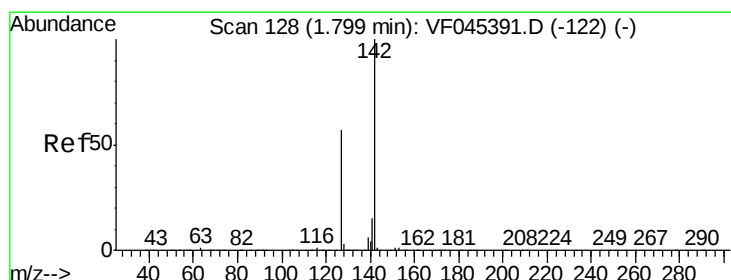
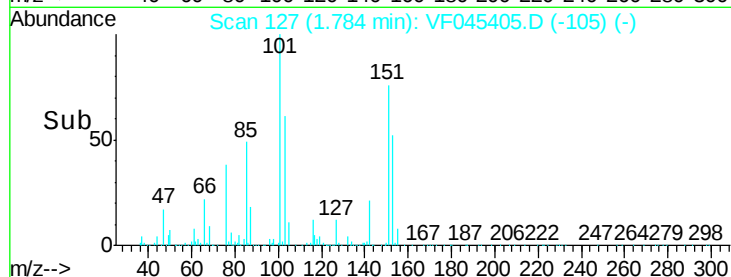
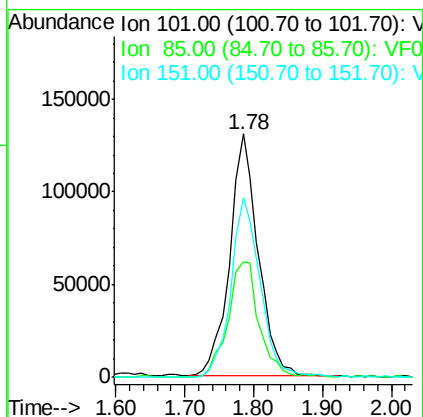
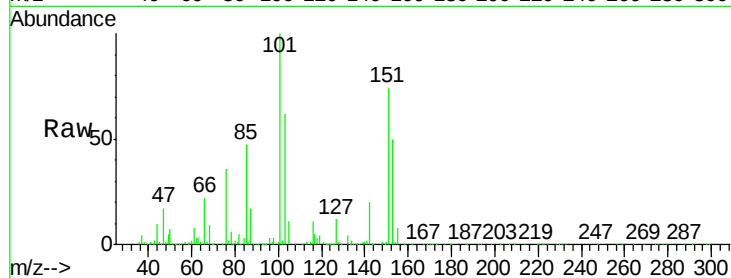
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	375075
Ion Ratio	Lower	Upper	
101	100		
85	47.3	40.0	60.0
151	73.7	62.8	94.2

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#10

Methyl Iodide

Concen: 47.83 ug/l

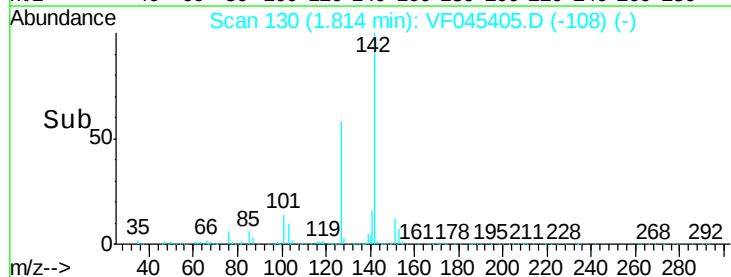
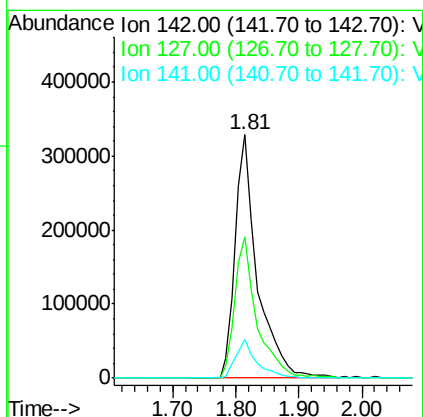
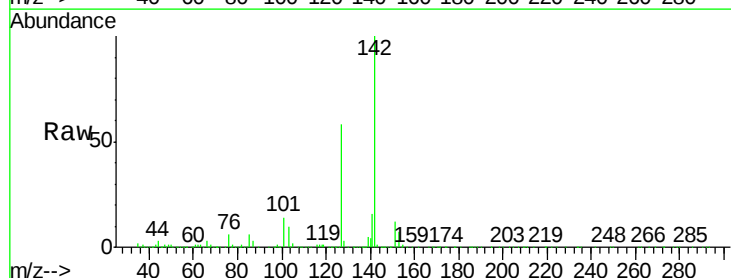
RT: 1.81 min Scan# 130

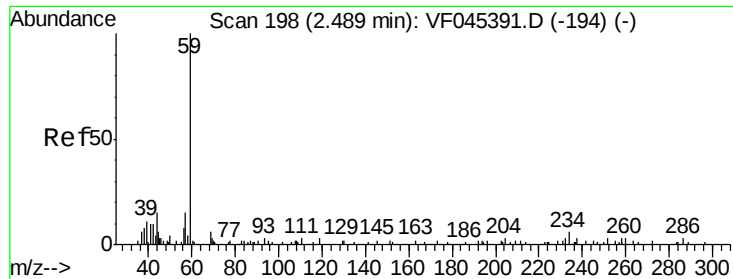
Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion:	142	Resp:	796334
Ion Ratio	Lower	Upper	
142	100		
127	57.8	43.3	64.9
141	16.1	12.1	18.1





#11

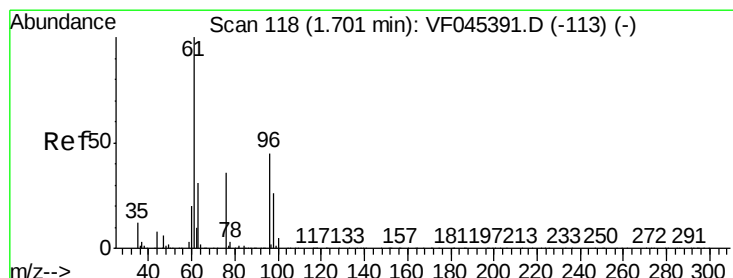
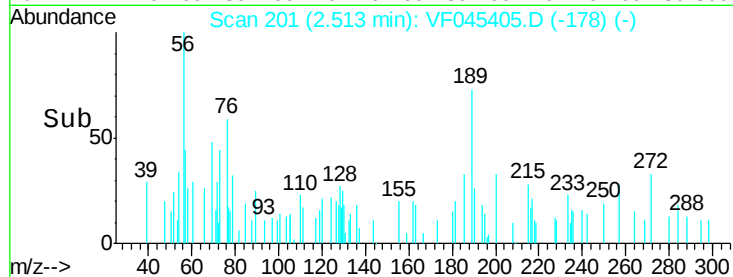
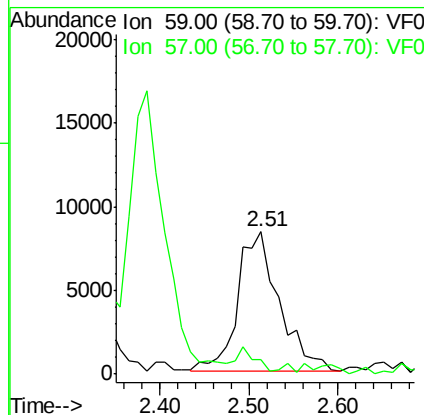
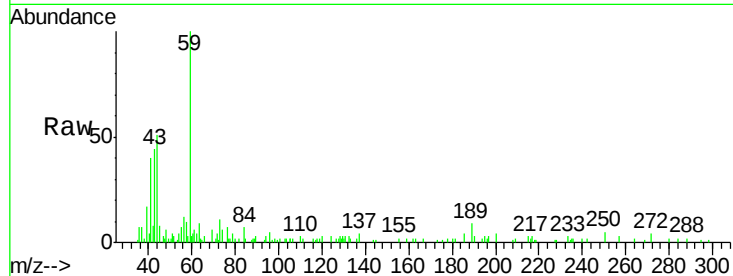
Tert butyl alcohol
Concen: 203.30 ug/l
RT: 2.51 min Scan# 201
Delta R.T. 0.02 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	13.0

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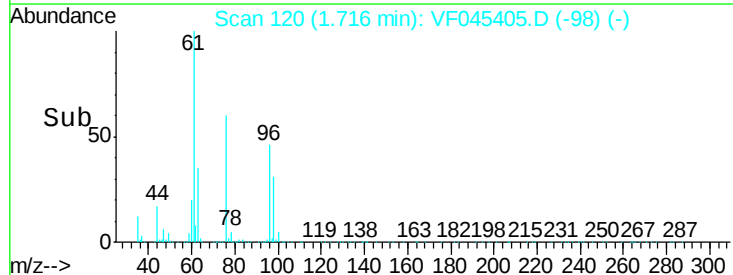
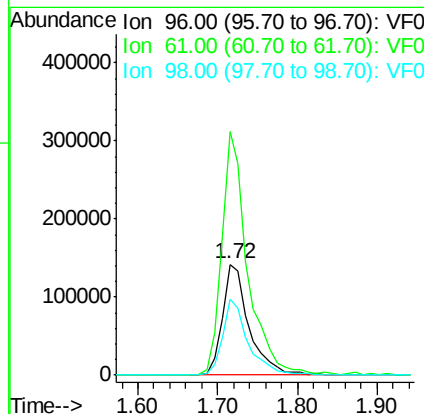
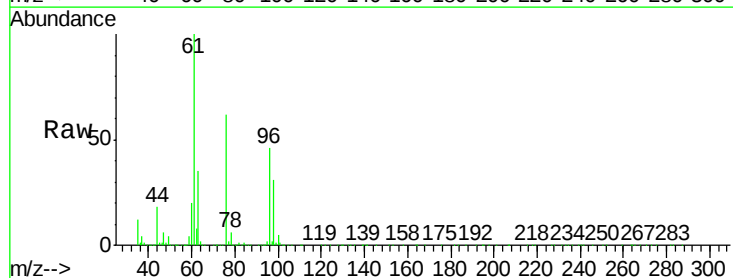
MMDadoda
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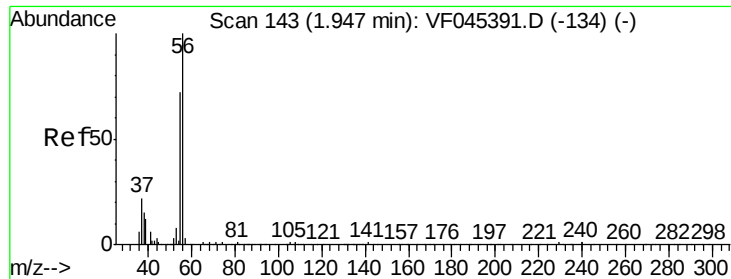


#12

1,1-Dichloroethene
Concen: 49.30 ug/l
RT: 1.72 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	219.7	165.8	248.8
98	68.6	51.2	76.8





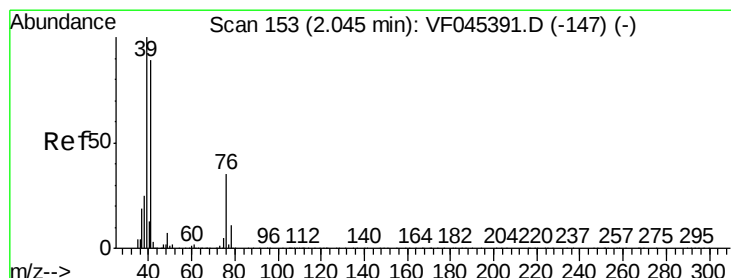
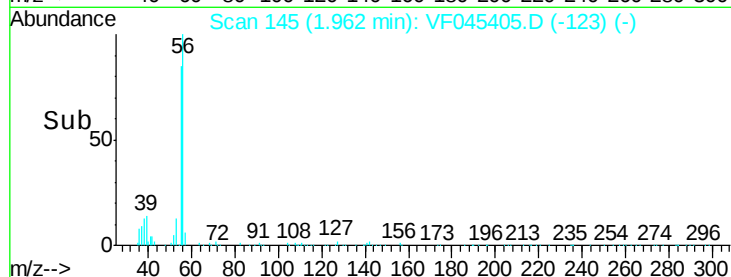
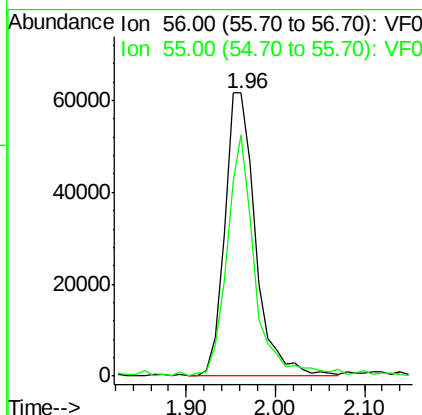
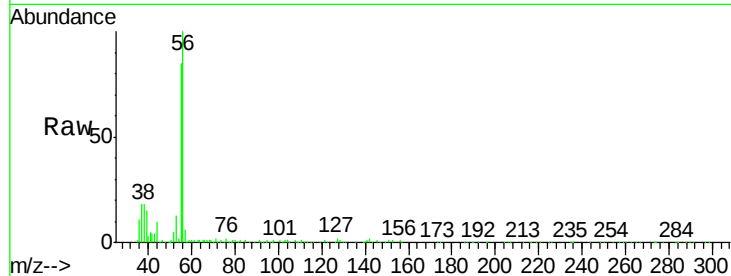
#13
Acrolein
Concen: 272.64 ug/l
RT: 1.96 min Scan# 145
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	150404
Ion Ratio	100	Lower	Upper
55	85.0	60.5	90.7

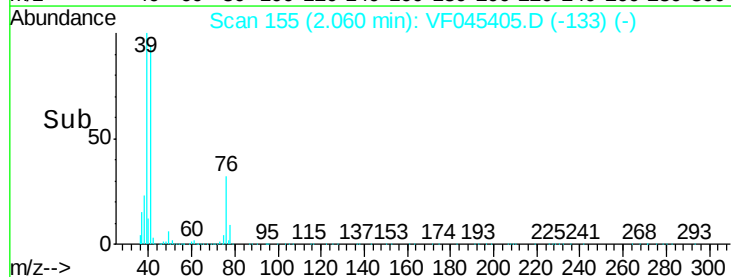
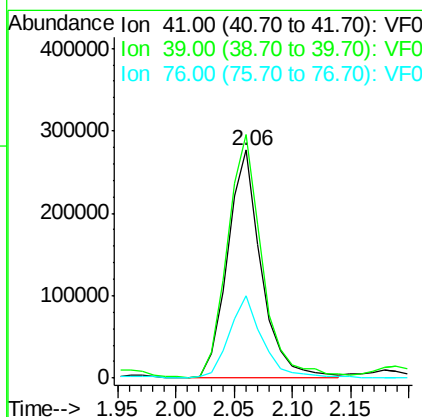
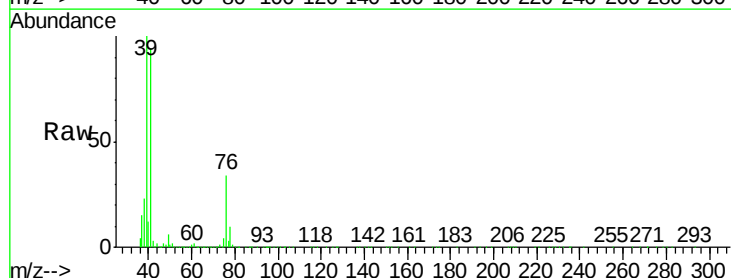
Manual Integrations
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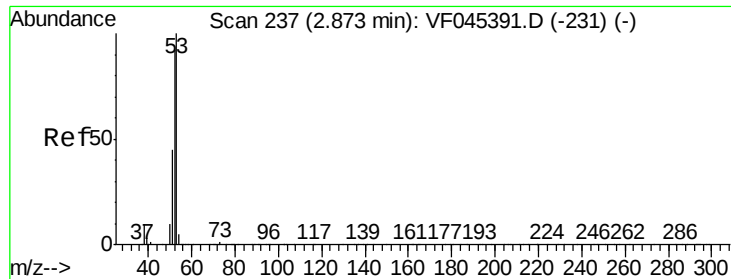
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#14
Allyl chloride
Concen: 52.34 ug/l
RT: 2.06 min Scan# 155
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	41	Resp	549213
Ion Ratio	100	Lower	Upper
39	106.9	92.8	139.2
76	36.3	27.7	41.5





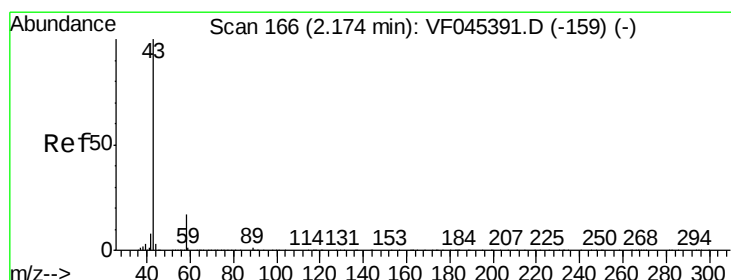
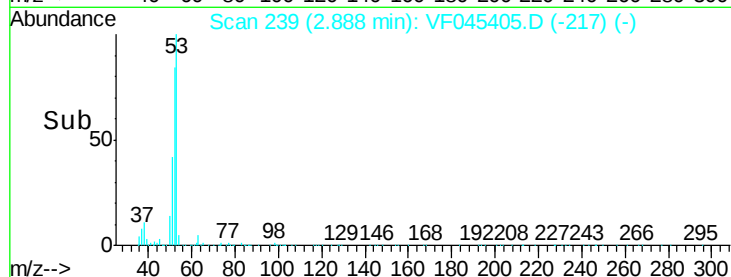
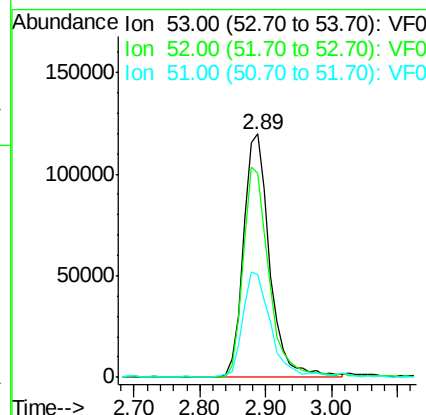
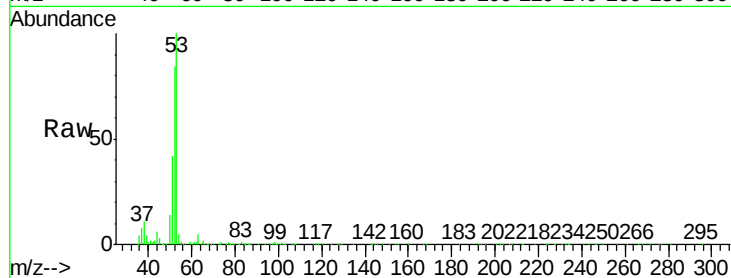
#15
Acrylonitrile
Concen: 262.22 ug/l
RT: 2.89 min Scan# 239
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	83.9	72.7	109.1
51	51	42.1	42.2	63.2

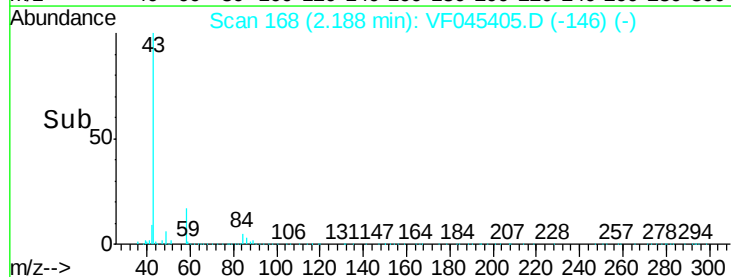
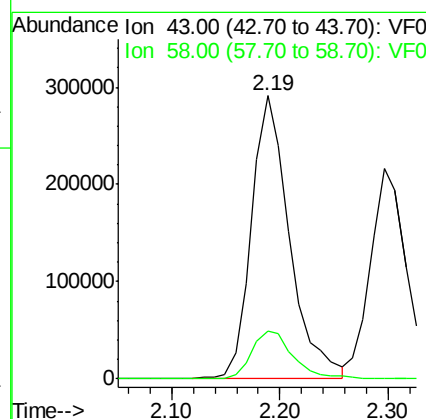
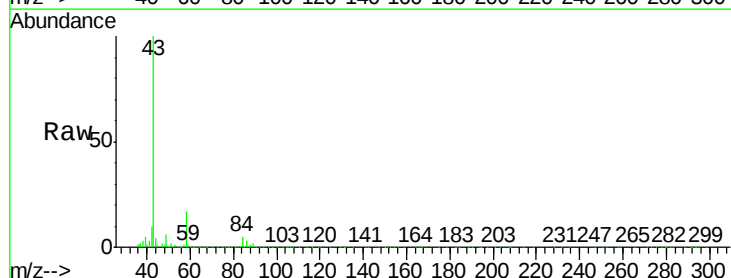
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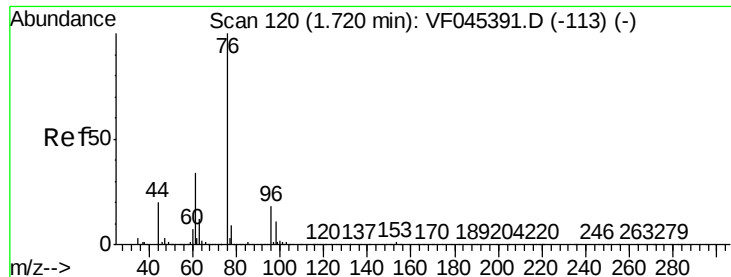
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#16
Acetone
Concen: 265.01 ug/l
RT: 2.19 min Scan# 168
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	17.0	13.9	20.9





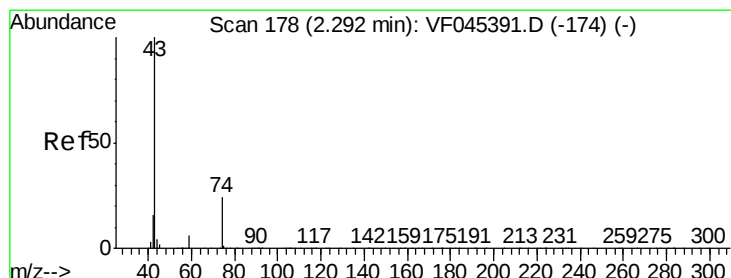
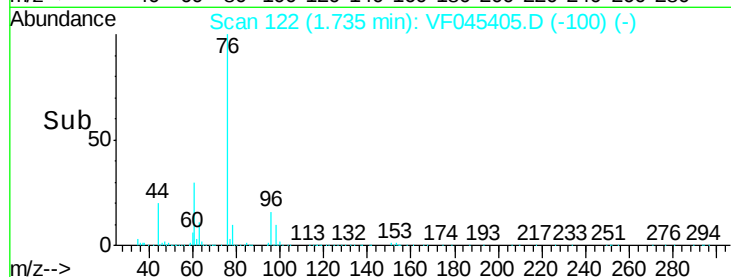
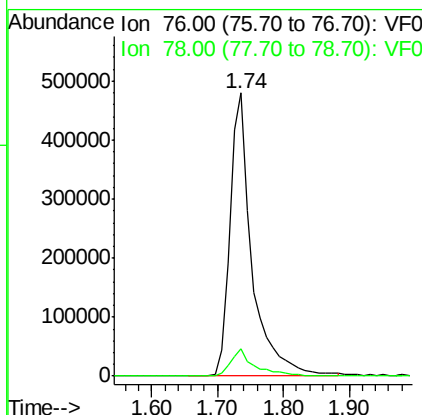
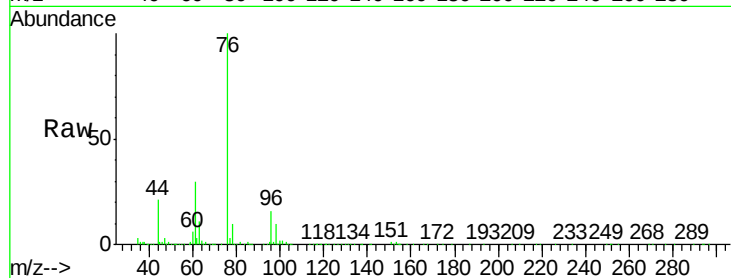
#17
Carbon Disulfide
Concen: 48.65 ug/l
RT: 1.74 min Scan# 122
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1121166
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4

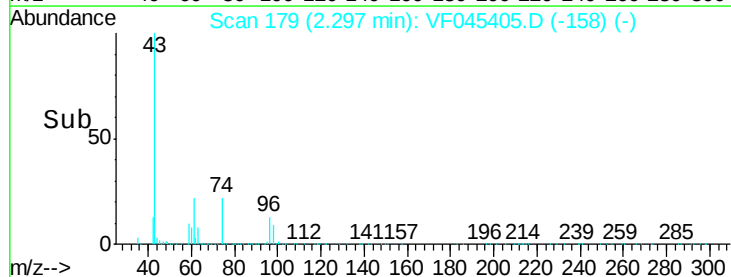
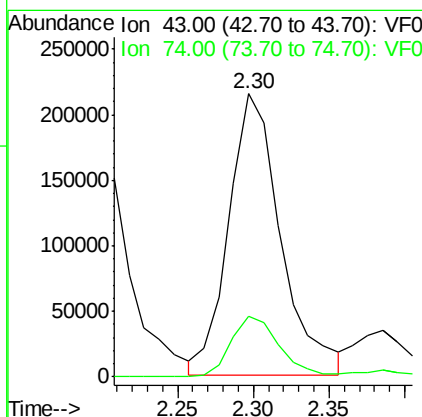
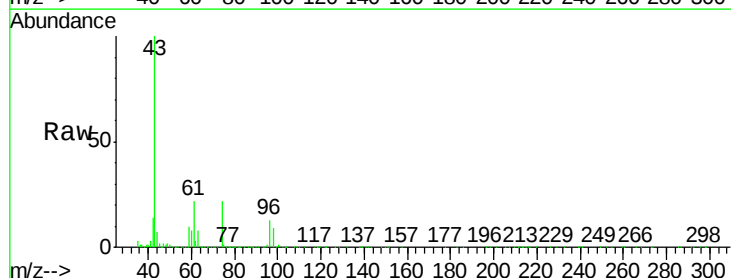
Manual Integrations
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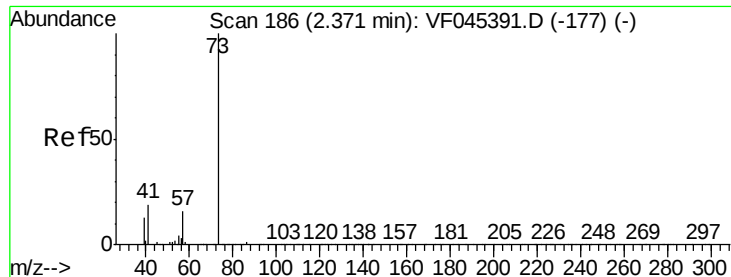
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#18
Methyl Acetate
Concen: 49.87 ug/l
RT: 2.30 min Scan# 179
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion: 43 Resp: 514448
Ion Ratio Lower Upper
43 100
74 21.6 15.1 22.7





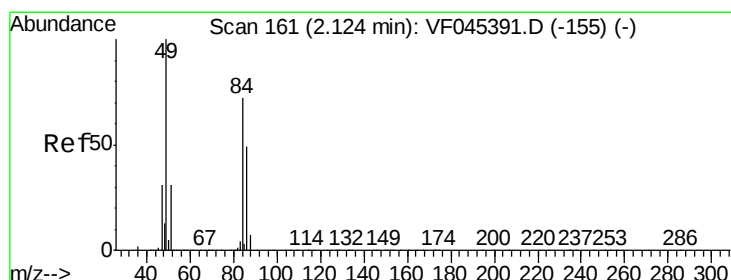
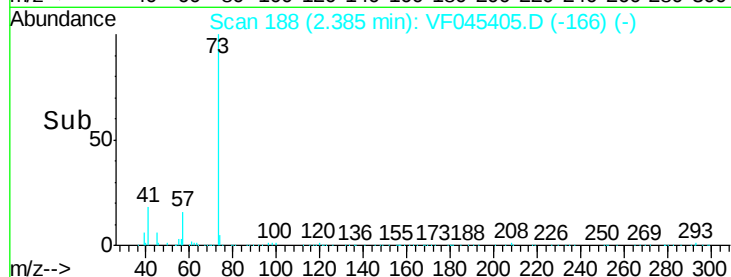
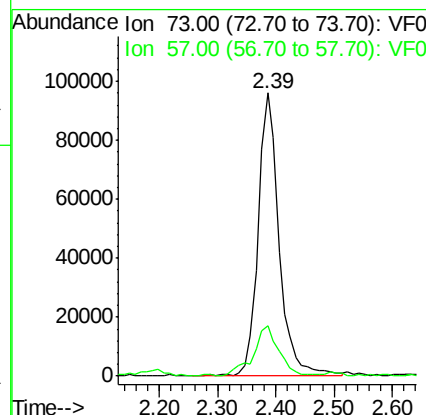
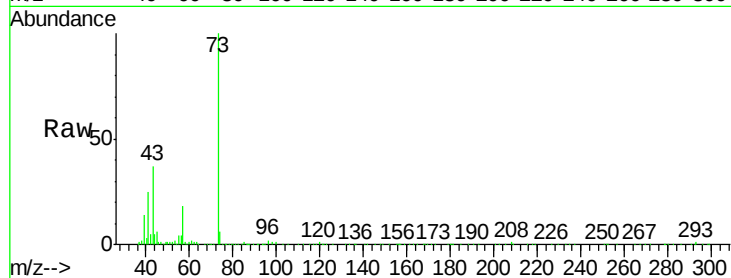
#19
Methvl tert-butvl Ether
Concen: 45.45 ug/l
RT: 2.39 min Scan# 188
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.6	12.9	19.3

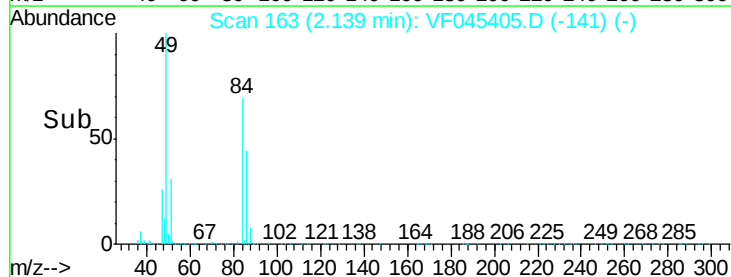
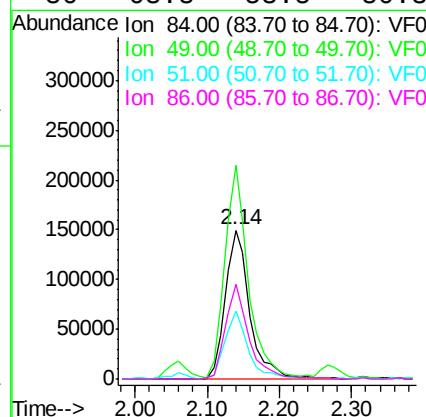
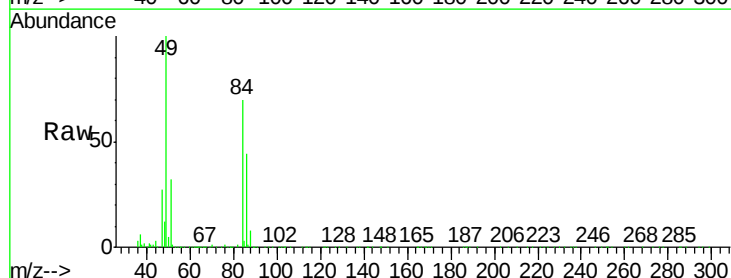
Manual Integrations
APPROVED

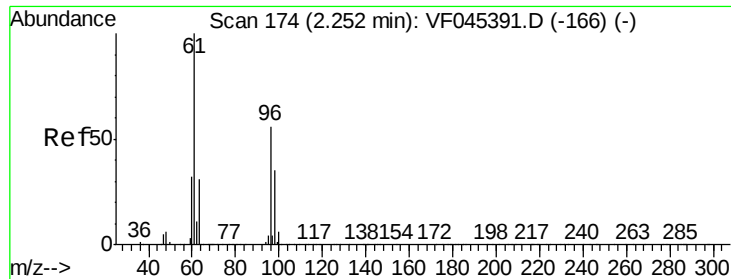
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#20
Methylene Chloride
Concen: 47.99 ug/l
RT: 2.14 min Scan# 163
Delta R.T. 0.02 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.5	122.8	184.2
51	45.3	35.4	53.2
86	63.8	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 47.80 ug/l

RT: 2.27 min Scan# 176

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

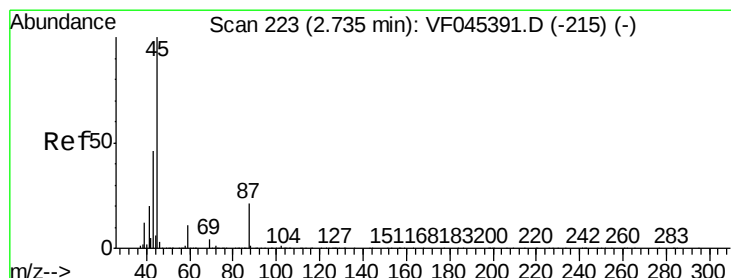
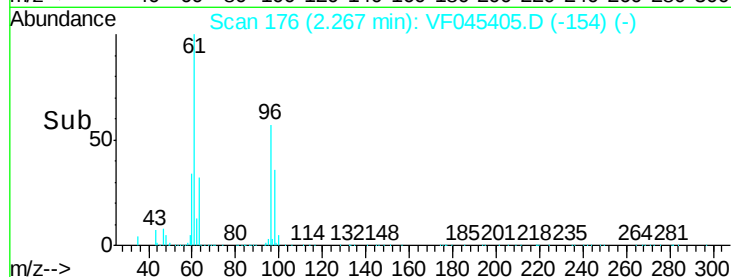
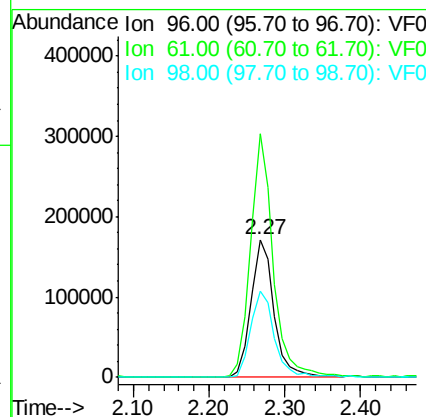
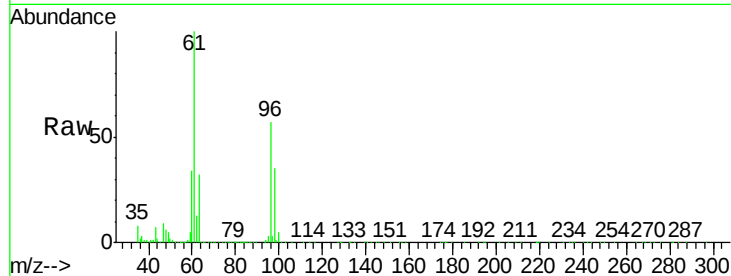
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	362418
Ion Ratio	Lower	Upper	
96	100		
61	176.7	136.8	205.2
98	62.4	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.20 ug/l

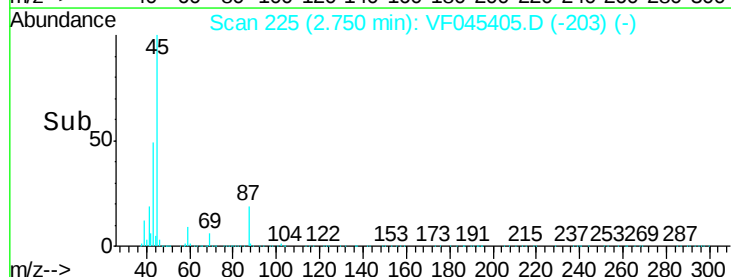
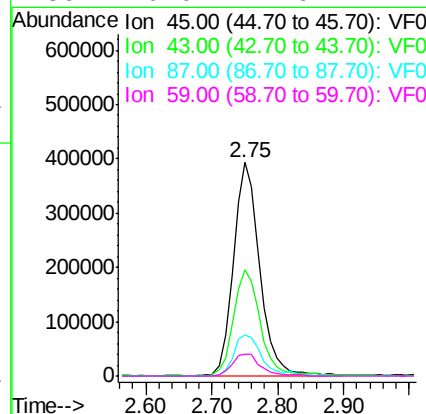
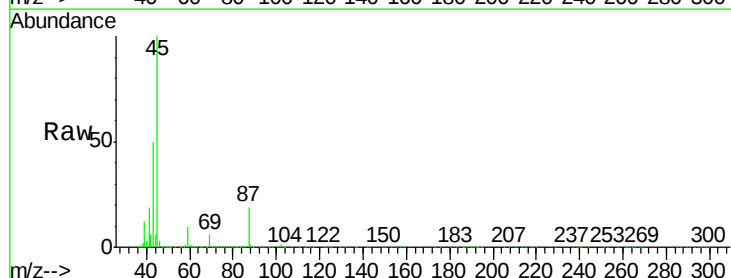
RT: 2.75 min Scan# 225

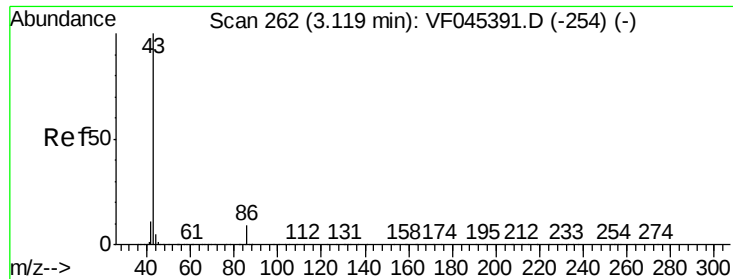
Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion:	45	Resp:	1100467
Ion Ratio	Lower	Upper	
45	100		
43	49.7	42.2	63.4
87	19.1	16.6	25.0
59	10.0	7.6	11.4





#23

Vinyl Acetate

Concen: 254.45 ug/l

RT: 3.13 min Scan# 264

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1661409

Ion Ratio Lower Upper

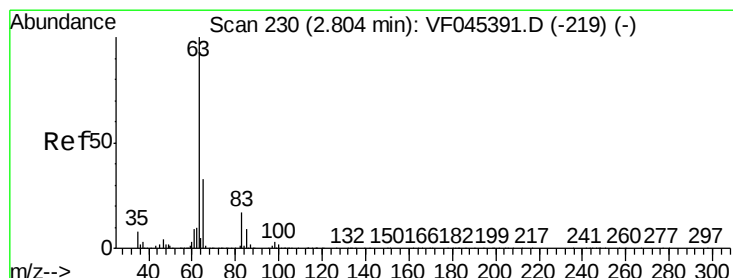
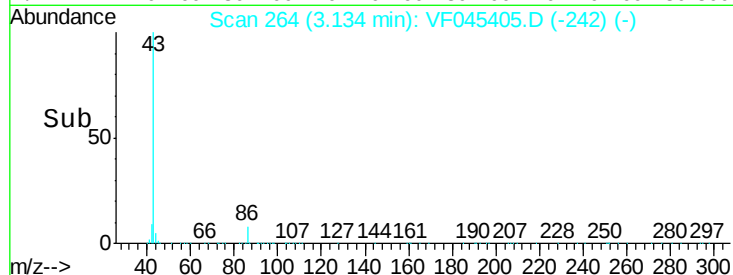
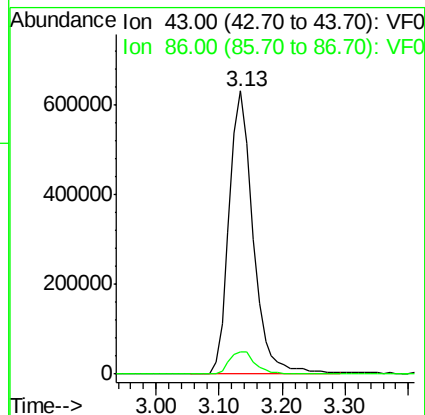
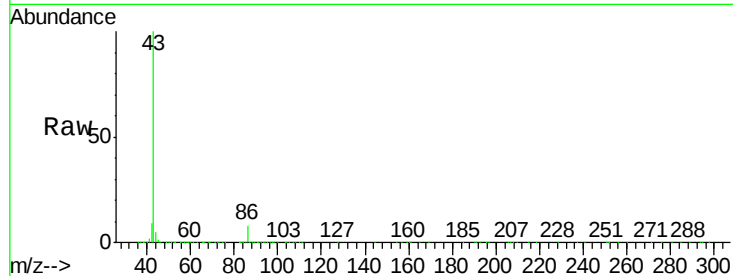
43 100

86 8.0 6.3 9.5

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#24

1,1-Dichloroethane

Concen: 50.22 ug/l

RT: 2.82 min Scan# 232

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

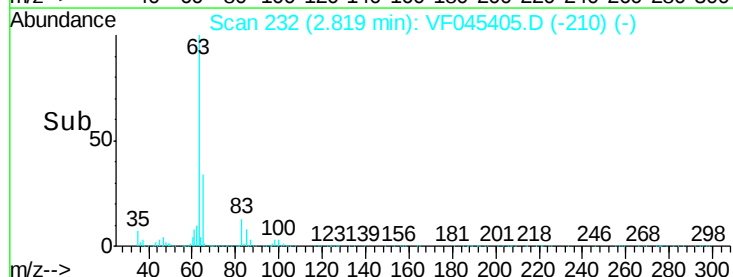
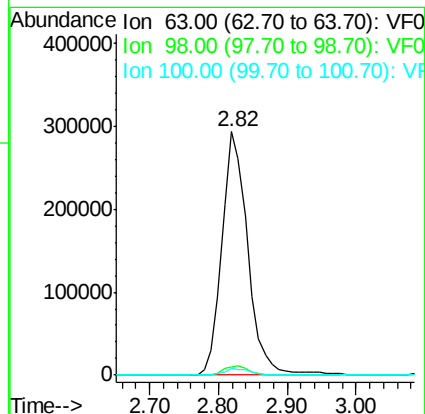
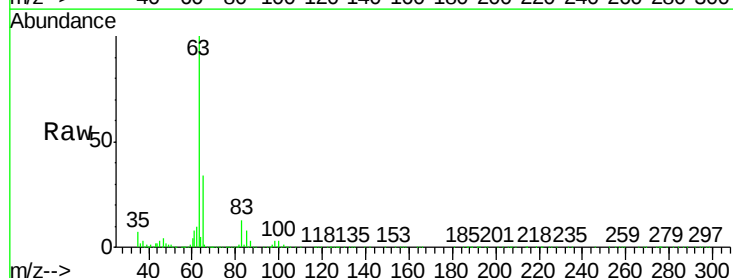
Tgt Ion: 63 Resp: 760328

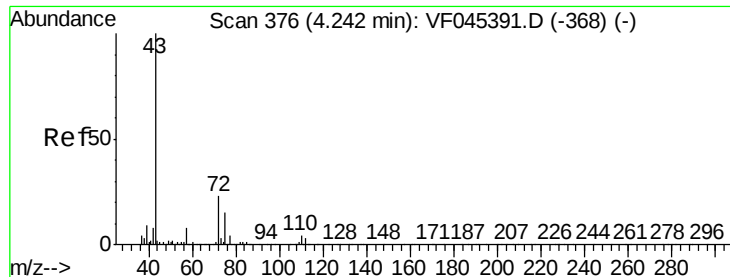
Ion Ratio Lower Upper

63 100

98 3.4 2.2 6.6

100 2.6 1.1 3.5





#25

2-Butanone

Concen: 249.04 ug/l

RT: 4.26 min Scan# 378

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tot Ion: 43 Resp: 936995

Ion Ratio Lower Upper

43 100

72 26.7 20.2 30.2

Instrument :

MSVOA_F

ClientSampleId :

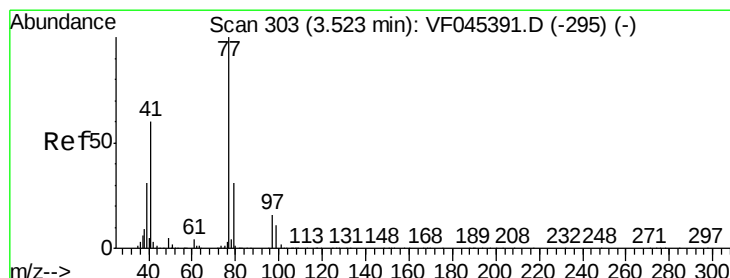
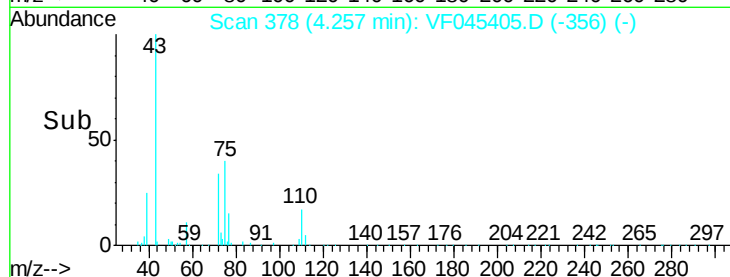
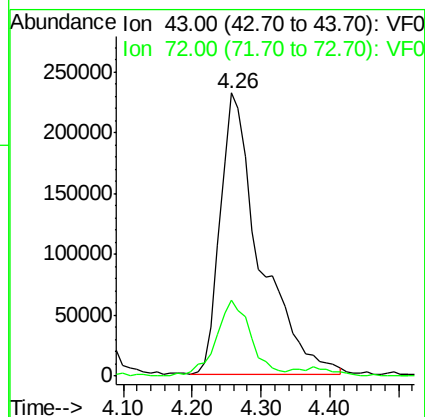
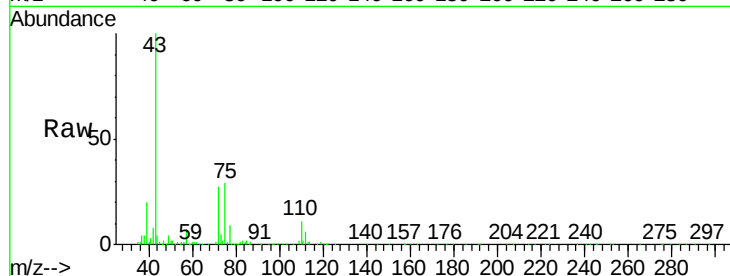
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.18 ug/l

RT: 3.55 min Scan# 306

Delta R.T. 0.02 min

Lab File: VF045405.D

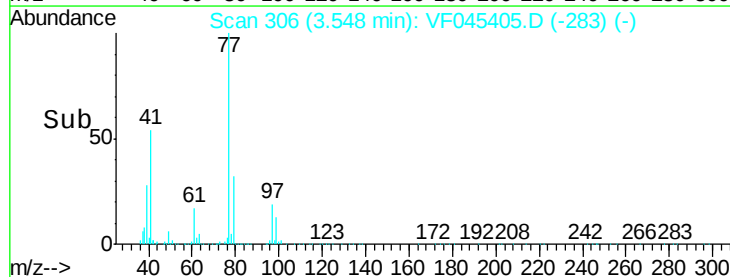
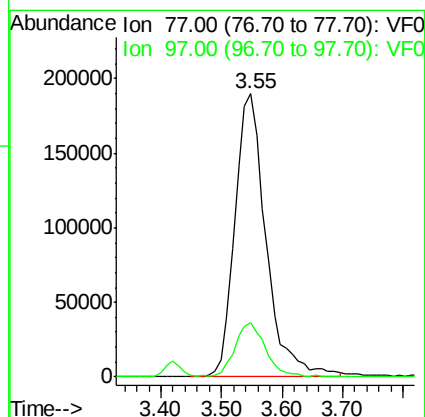
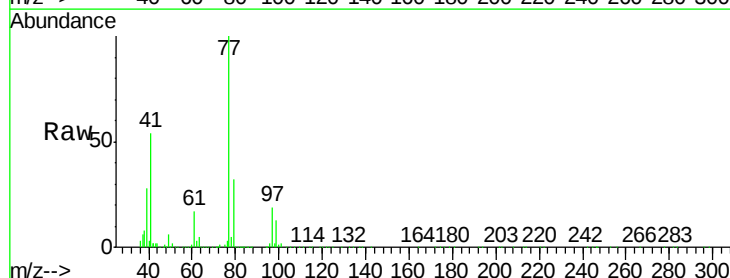
Acq: 17 Sep 2015 12:15

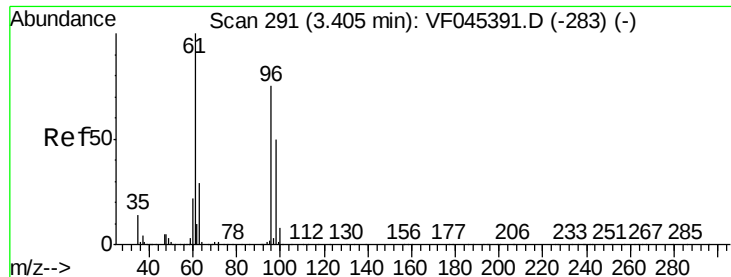
Tgt Ion: 77 Resp: 679324

Ion Ratio Lower Upper

77 100

97 19.1 9.2 27.4





#27

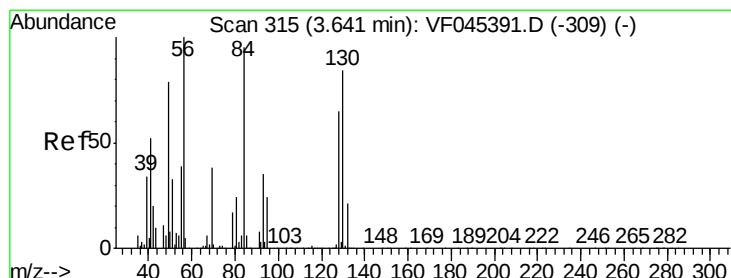
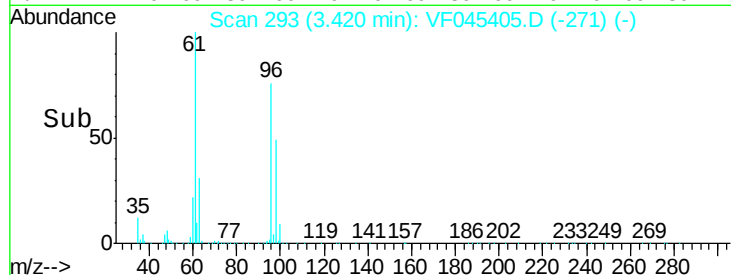
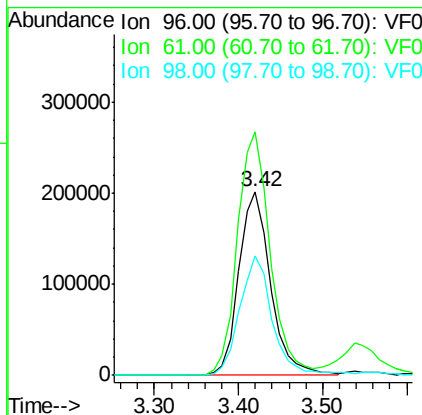
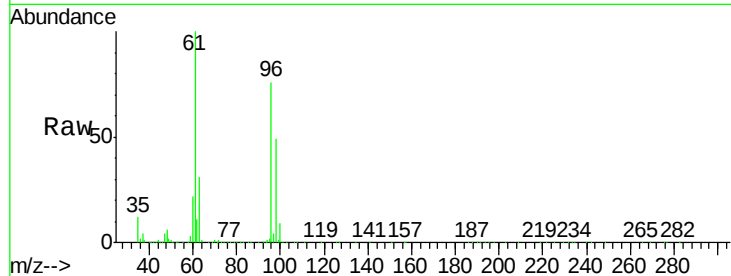
cis-1,2-Dichloroethene
Concen: 45.51 ug/l
RT: 3.42 min Scan# 293
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	532984		
61	132.3		0.0	268.6
98	64.7		0.0	135.8

Manual Integrations
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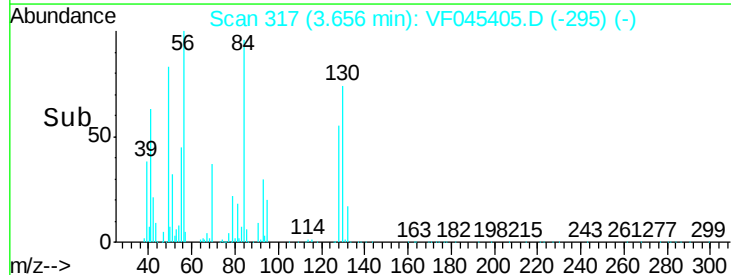
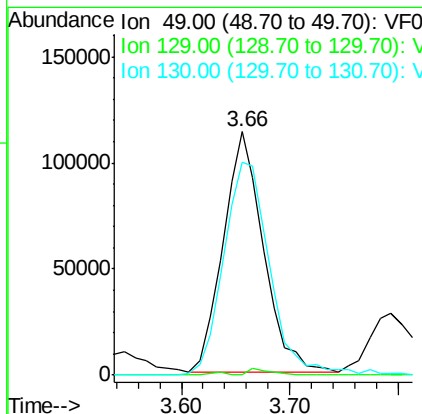
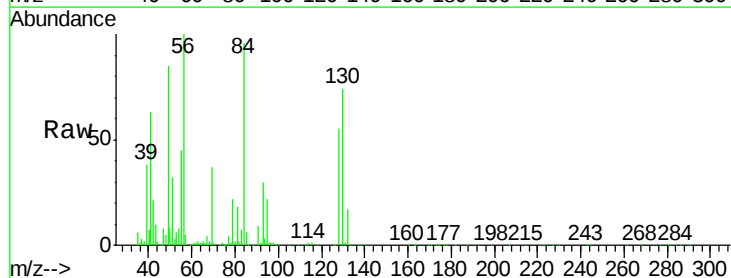
MMDadoda
9/18/2015 12:28:44 PM

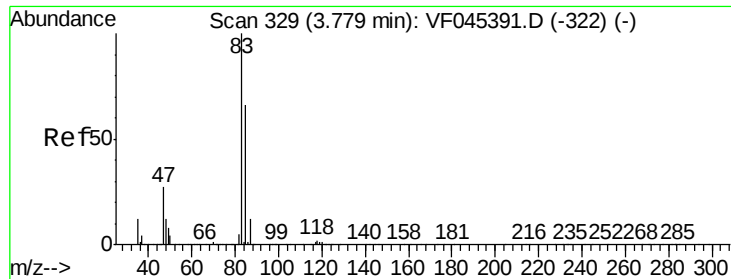


#28

Bromochloromethane
Concen: 48.87 ug/l
RT: 3.66 min Scan# 317
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	290582		
129	0.0		0.0	0.0
130	87.2		79.6	119.4





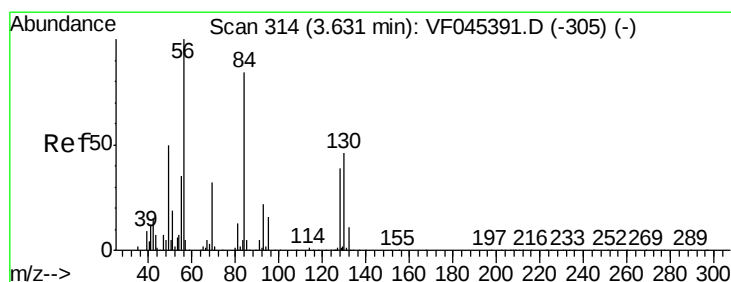
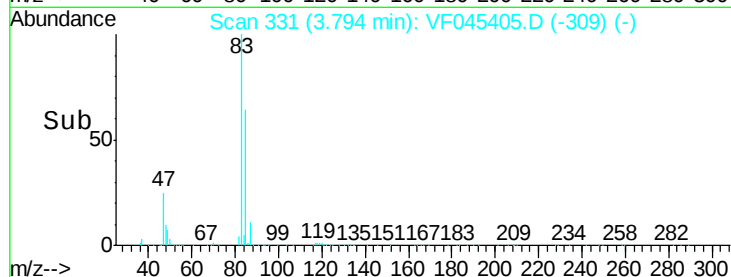
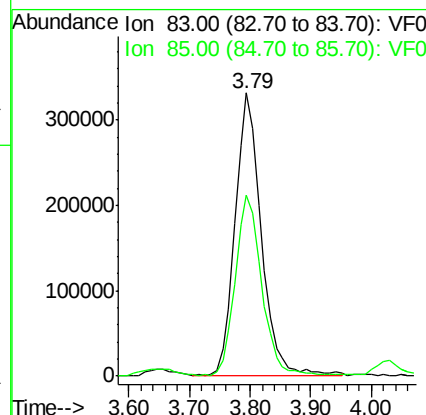
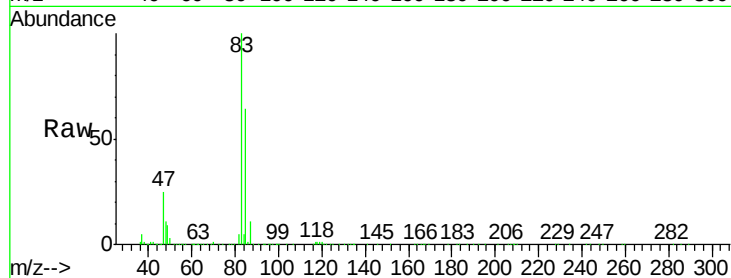
#29
Chloroform
Concen: 47.01 ug/l
RT: 3.79 min Scan# 331
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 1000537
Ion Ratio Lower Upper
83 100
85 63.8 51.6 77.4

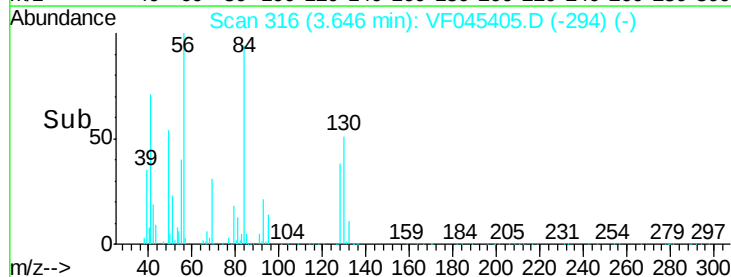
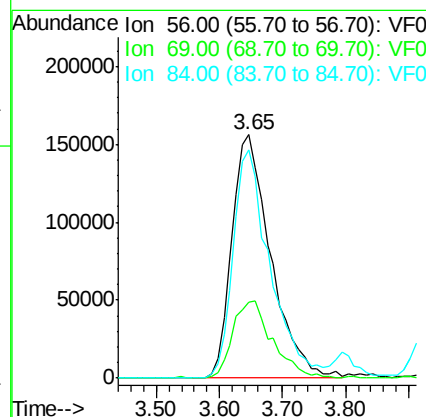
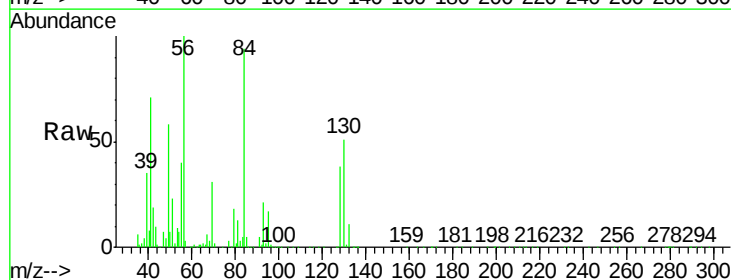
Manual Integrations
APPROVED

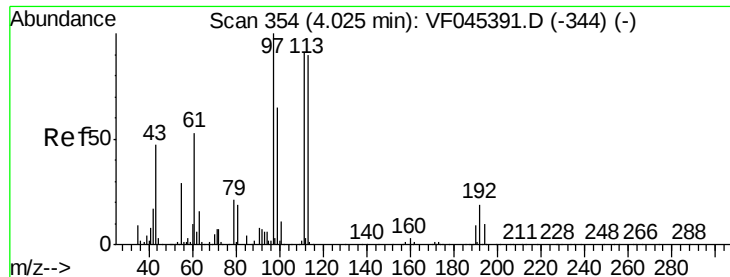
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#30
Cyclohexane
Concen: 48.63 ug/l
RT: 3.65 min Scan# 316
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion: 56 Resp: 664401
Ion Ratio Lower Upper
56 100
69 31.2 26.1 39.1
84 93.7 72.2 108.4





#31

1,1,1-Trichloroethane

Concen: 46.16 ug/l

RT: 4.04 min Scan# 356

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

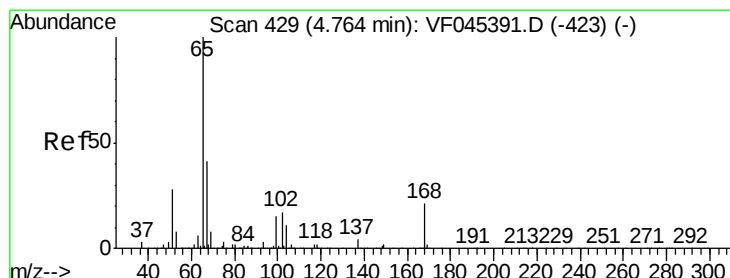
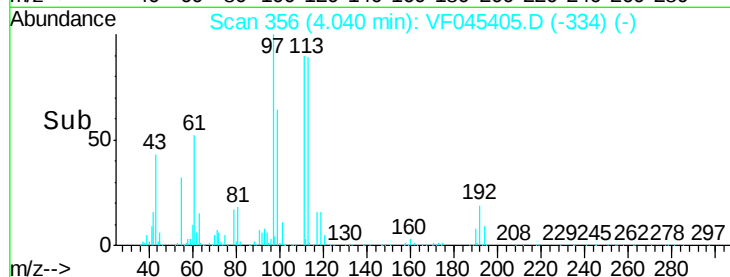
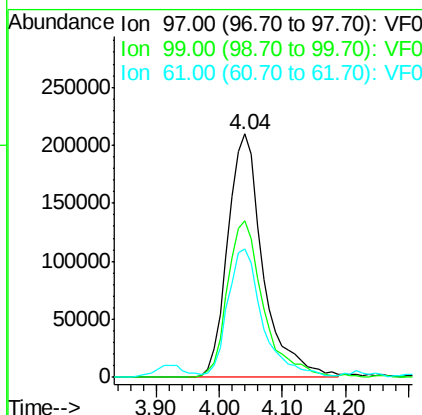
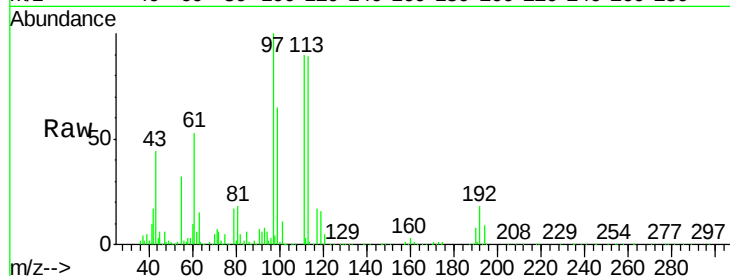
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	813740
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	52.5	37.8	56.6

Manual Integrations
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#32

1,2-Dichloroethane-d4

Concen: 46.62 ug/l

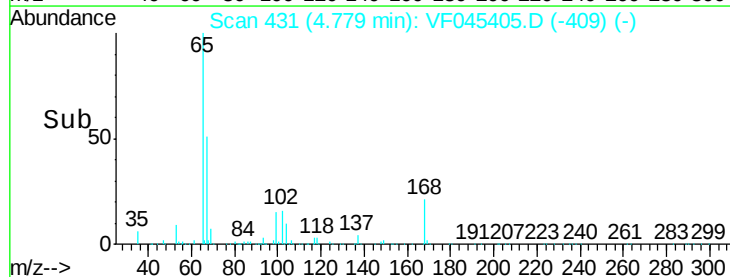
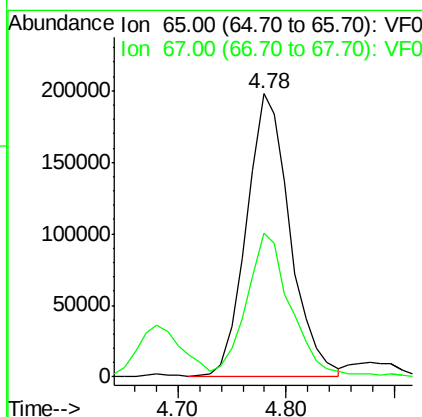
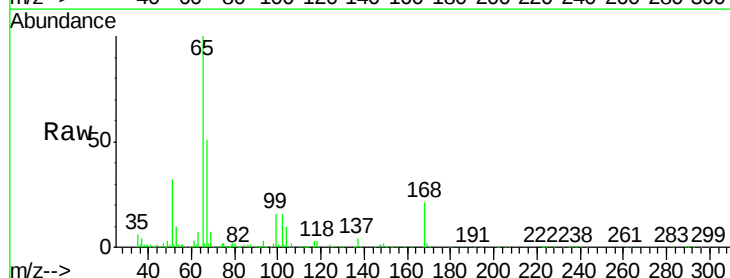
RT: 4.78 min Scan# 431

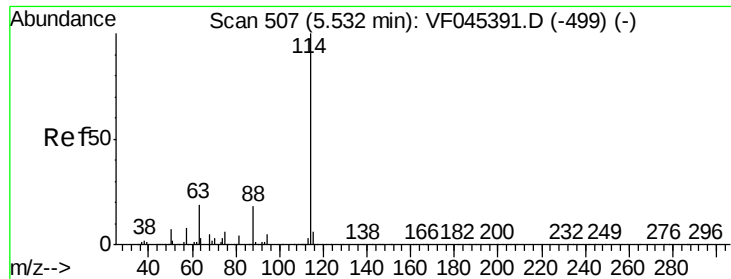
Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion:	65	Resp:	552321
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.2





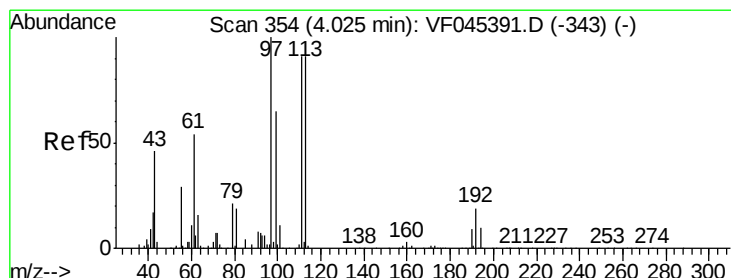
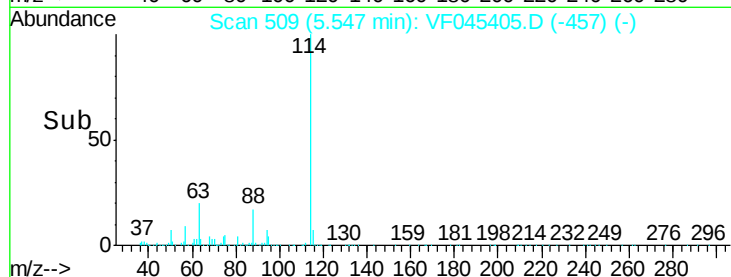
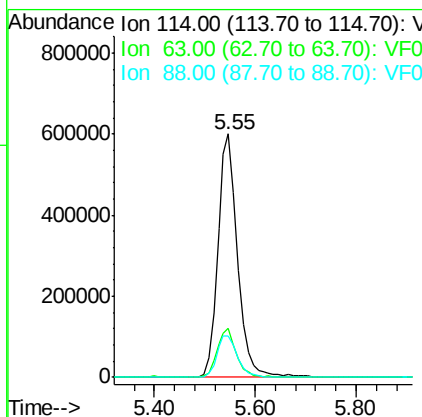
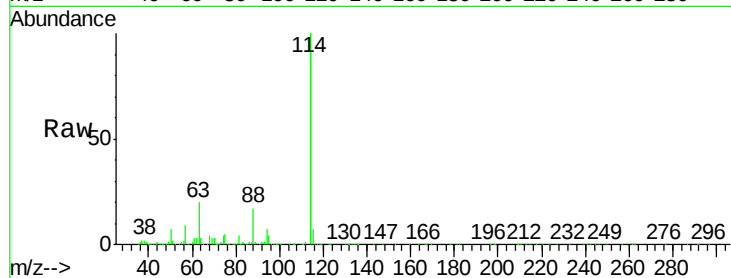
#33
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.55 min Scan# 509
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.2
88	17.0	0.0	37.0

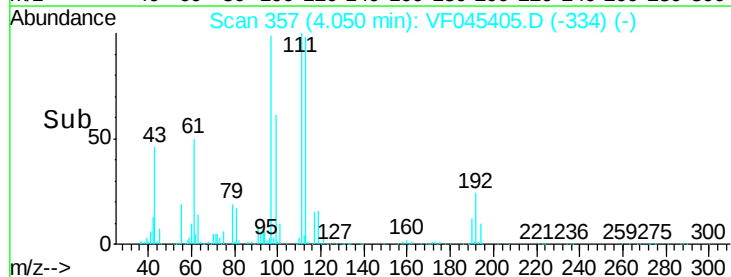
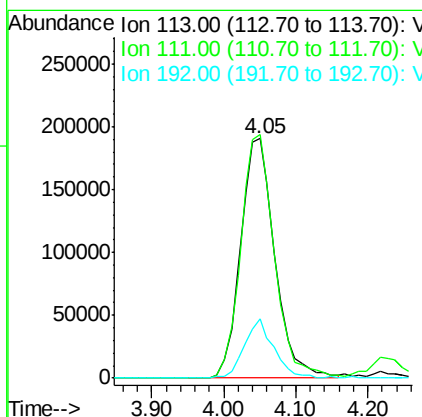
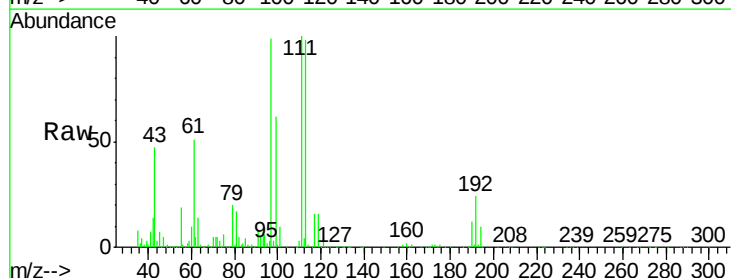
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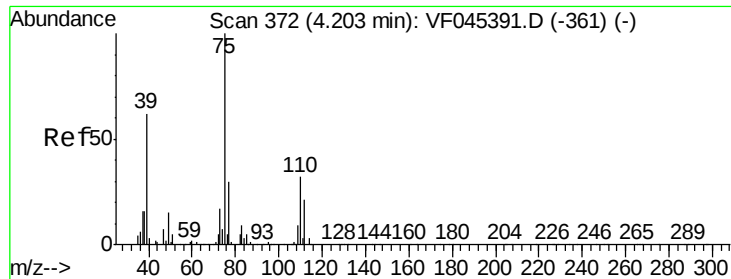
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#34
Dibromofluoromethane
Concen: 49.67 ug/l
RT: 4.05 min Scan# 357
Delta R.T. 0.02 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	75.5	113.3
192	24.5	15.6	23.4





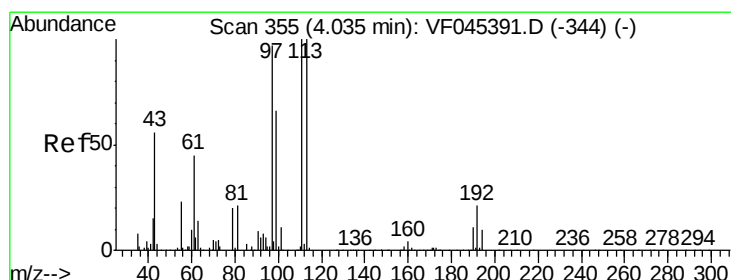
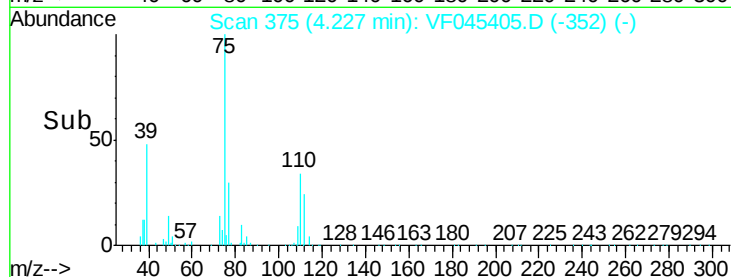
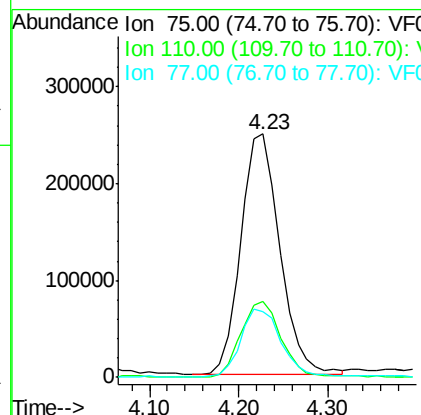
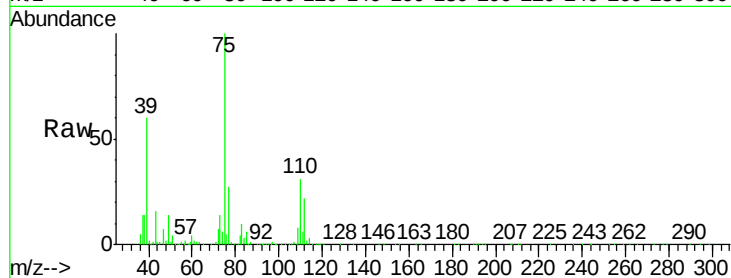
#35
 1,1-Dichloropropene
 Concen: 48.67 ug/l
 RT: 4.23 min Scan# 375
 Delta R.T. 0.02 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion:	75	Resp:	754612
Ion Ratio	Lower	Upper	
75	100		
110	31.0	15.9	47.6
77	27.1	24.2	36.4

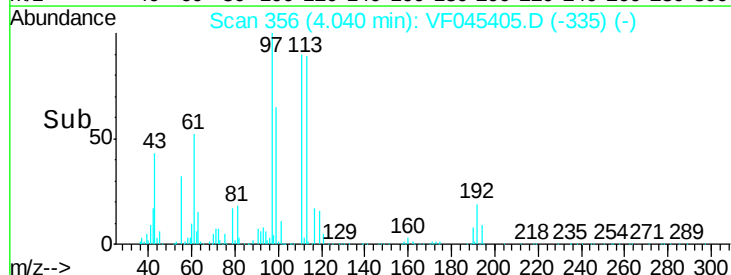
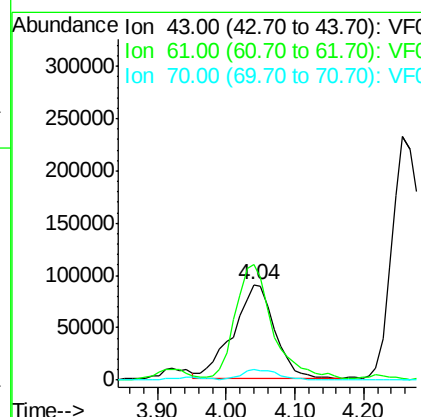
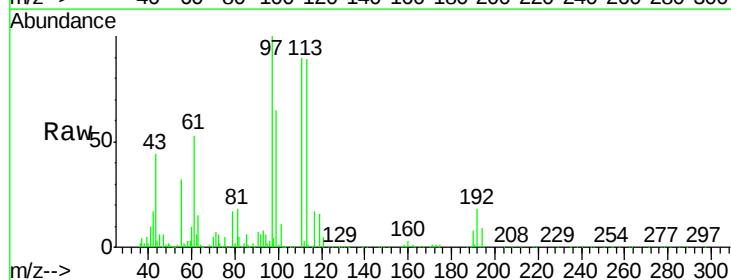
Manual Integrations
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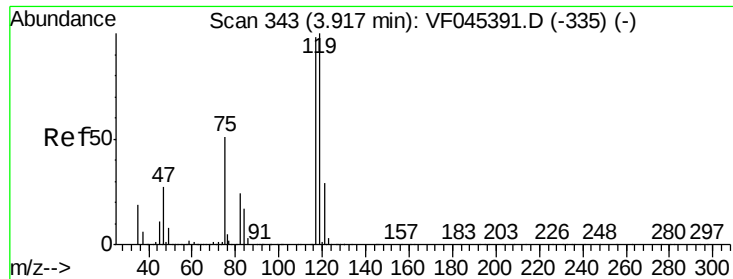
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#36
 Ethyl Acetate
 Concen: 47.61 ug/l
 RT: 4.04 min Scan# 356
 Delta R.T. 0.00 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Tgt Ion:	43	Resp:	373480
Ion Ratio	Lower	Upper	
43	100		
61	120.4	49.4	74.0#
70	11.7	10.8	16.2





#37

Carbon Tetrachloride

Concen: 44.59 ug/l

RT: 3.93 min Scan# 345

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

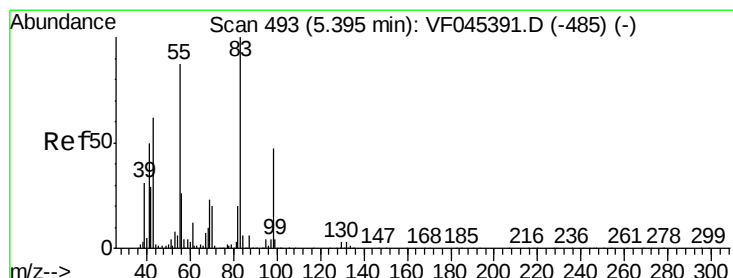
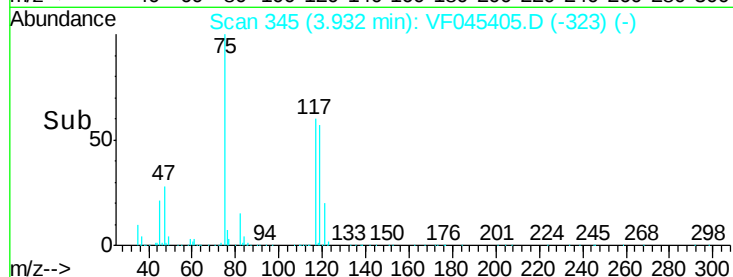
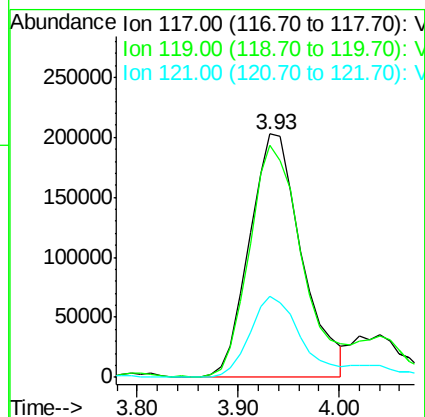
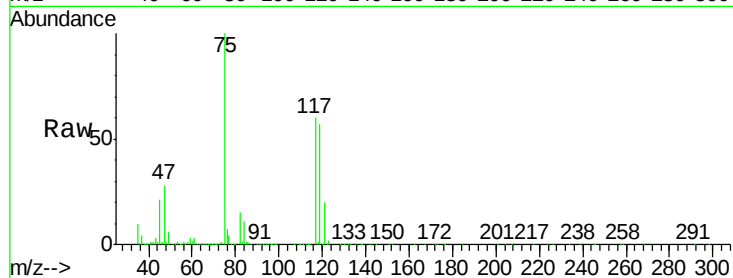
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	728337
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.8	116.8
121	33.2	25.4	38.0

Manual Integrations
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#38

Methylcyclohexane

Concen: 45.86 ug/l

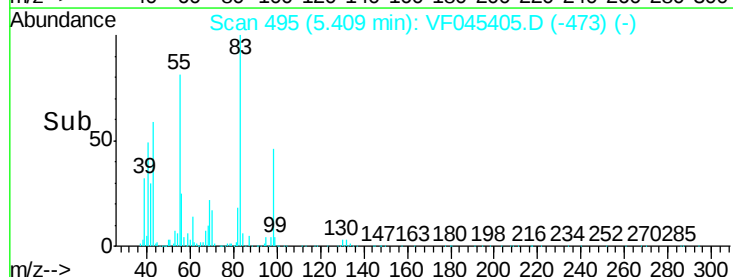
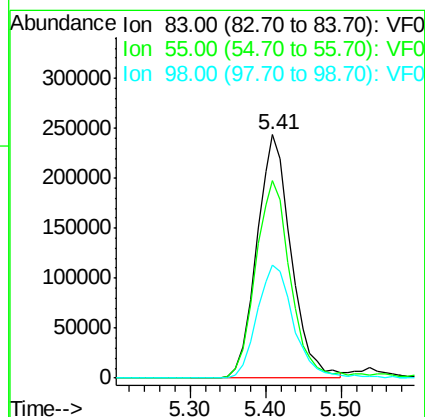
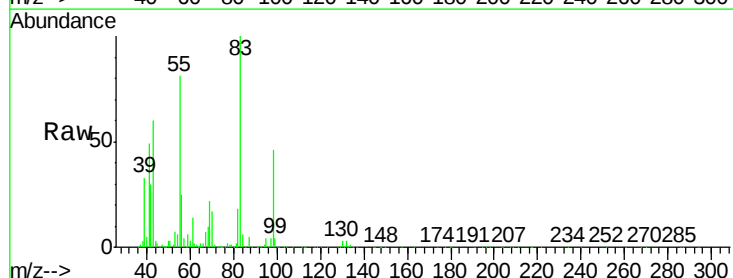
RT: 5.41 min Scan# 495

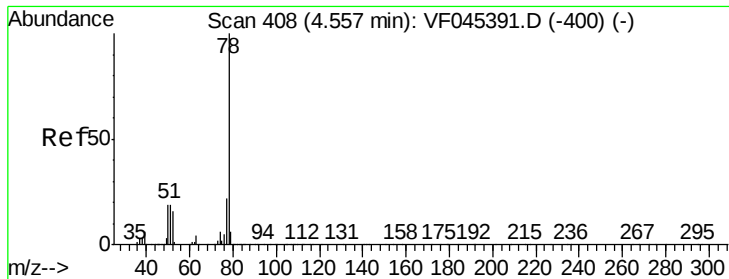
Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion:	83	Resp:	764364
Ion Ratio	Lower	Upper	
83	100		
55	81.2	60.5	90.7
98	46.5	38.1	57.1





#39

Benzene

Concen: 44.49 ug/l

RT: 4.58 min Scan# 411

Delta R.T. 0.02 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 78 Resp: 1612566

Ion Ratio Lower Upper

78 100

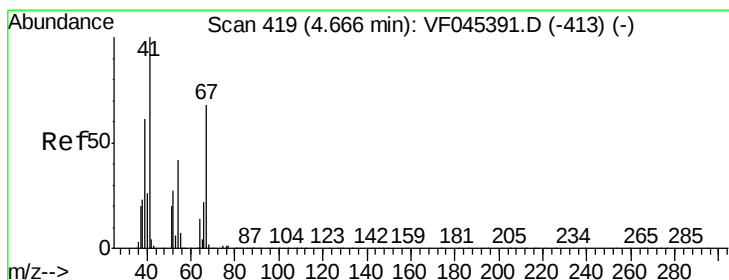
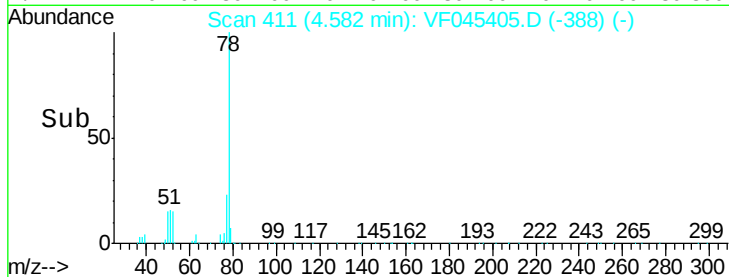
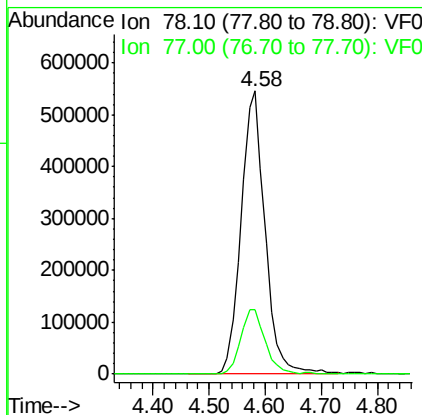
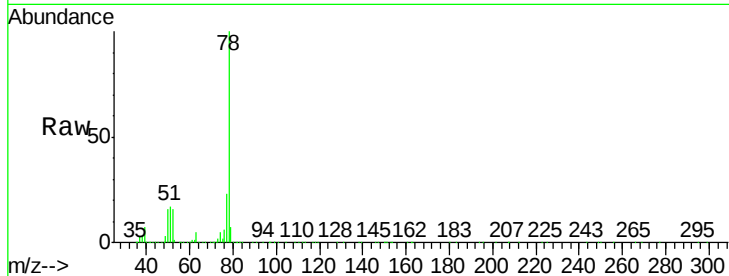
77 22.8 18.6 28.0

Manual Integrations

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#40

Methacrylonitrile

Concen: 44.25 ug/l

RT: 4.69 min Scan# 422

Delta R.T. 0.02 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion: 41 Resp: 164316

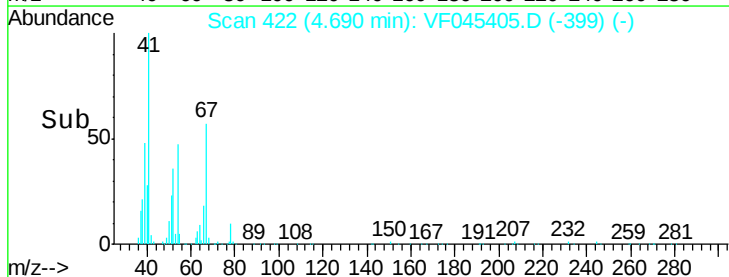
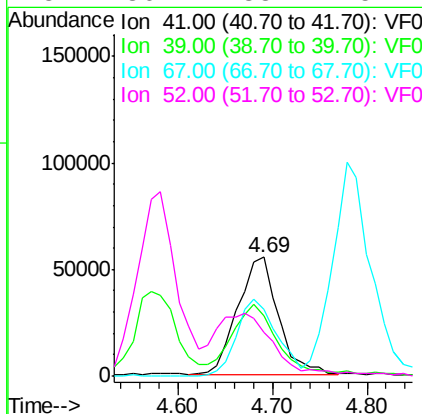
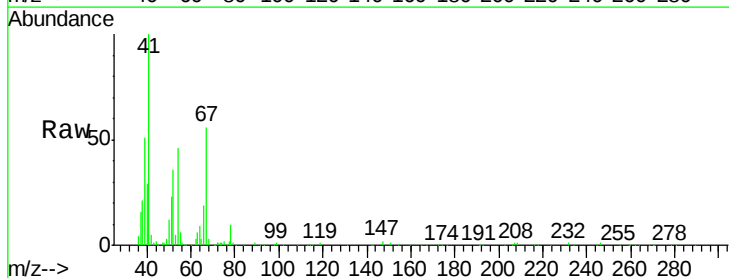
Ion Ratio Lower Upper

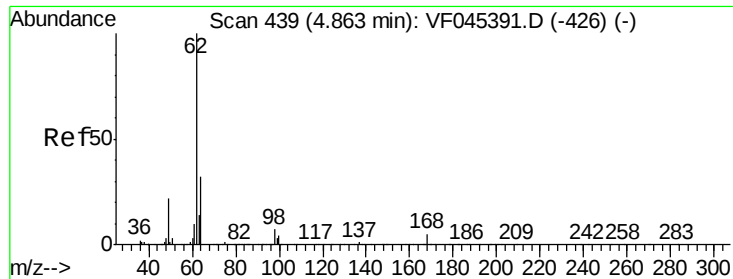
41 100

39 50.8 44.9 67.3

67 56.5 49.0 73.4

52 36.4 38.2 57.2#





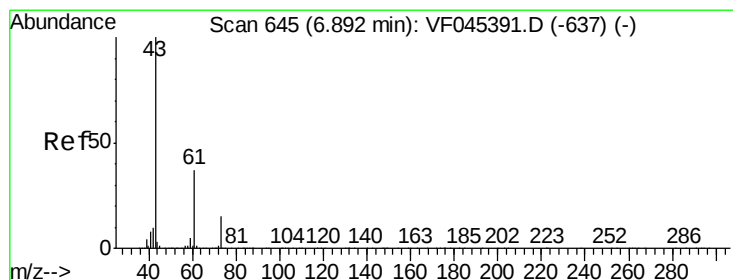
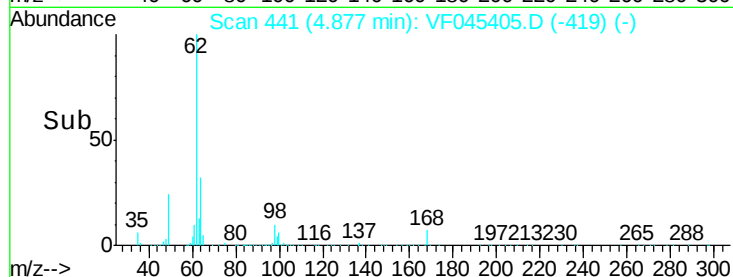
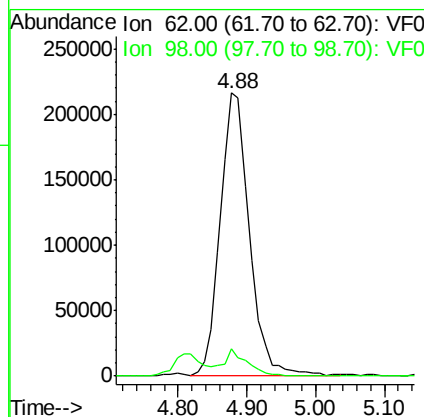
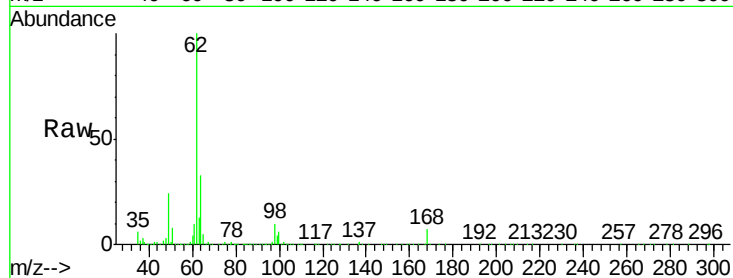
#41
 1,2-Dichloroethane
 Concen: 42.89 ug/l
 RT: 4.88 min Scan# 441
 Delta R.T. 0.01 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
62	100	627113		
98	9.7	0.0	17.0	

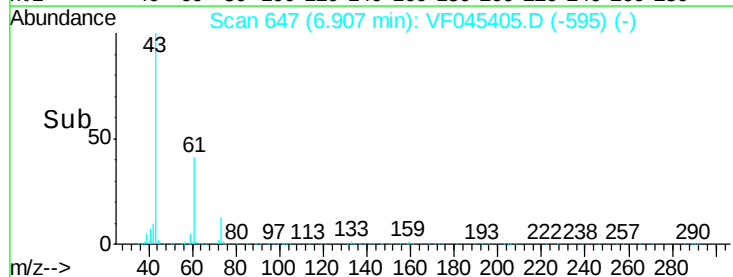
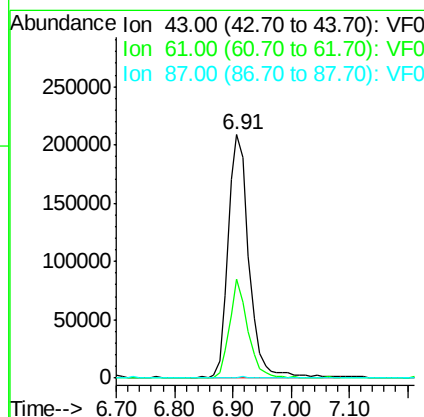
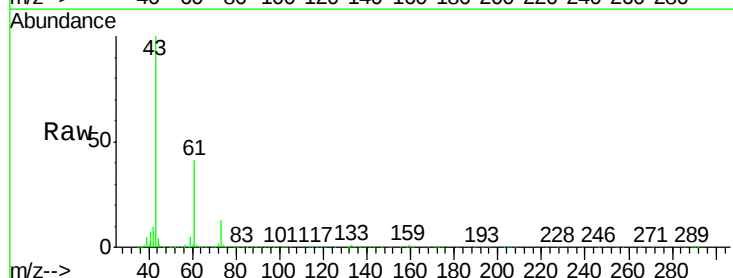
Manual Integrations
 APPROVED

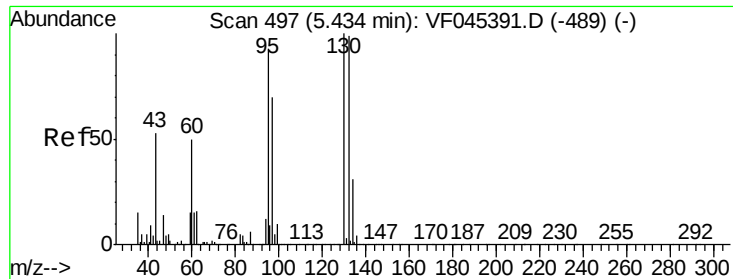
MMDadoda
 9/18/2015 12:28:44 PM



#42
 Isopropyl Acetate
 Concen: 50.03 ug/l
 RT: 6.91 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	517130		
61	40.6	29.8	44.6	
87	0.1	0.2	0.2#	





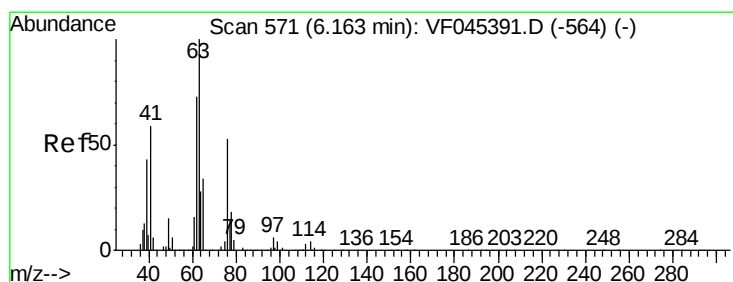
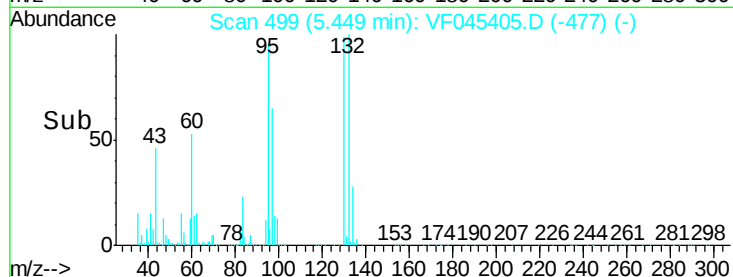
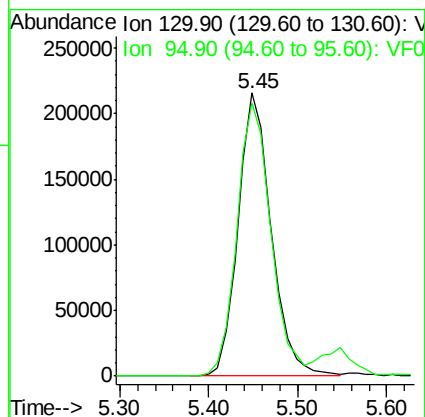
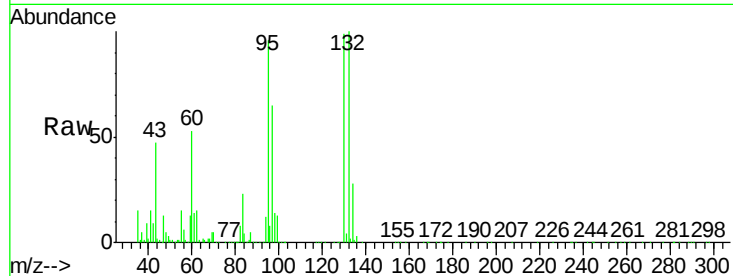
#43
 Trichloroethene
 Concen: 45.19 ug/l
 RT: 5.45 min Scan# 499
 Delta R.T. 0.01 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
130	100			
95	96.5	0.0	192.2	

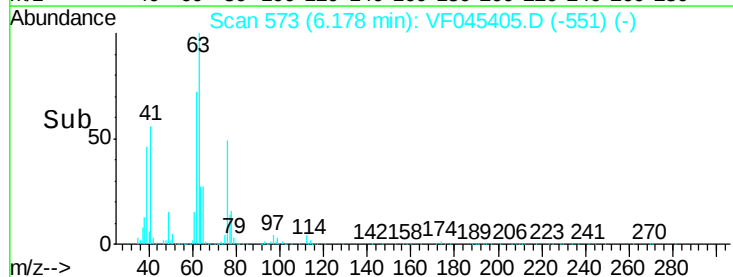
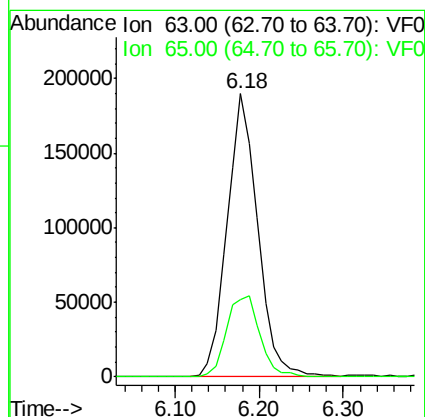
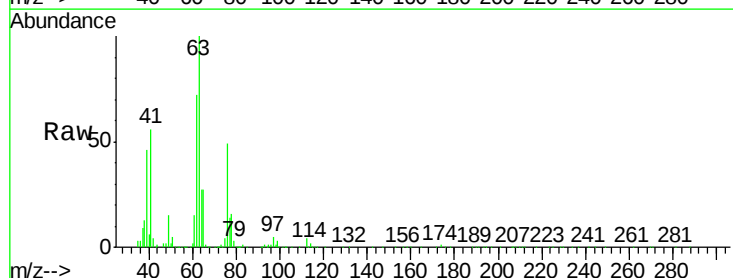
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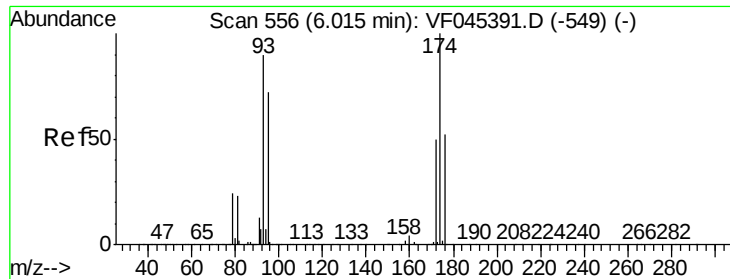
MMDadoda
 9/18/2015 12:28:44 PM



#44
 1,2-Dichloropropane
 Concen: 45.50 ug/l
 RT: 6.18 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
63	100			
65	27.1	25.6	38.4	





#45

Dibromomethane

Concen: 45.06 ug/l

RT: 6.03 min Scan# 558

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

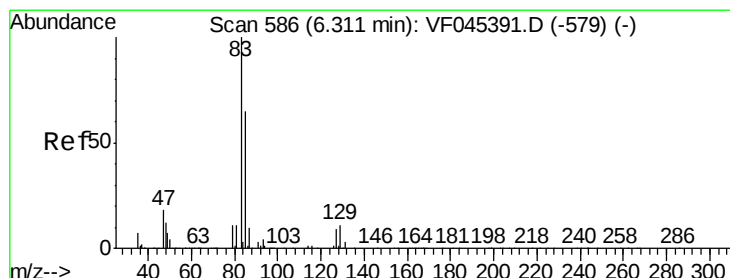
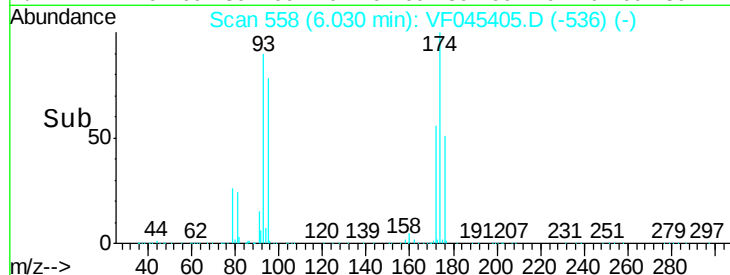
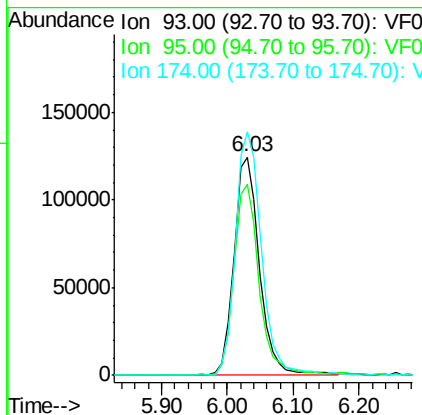
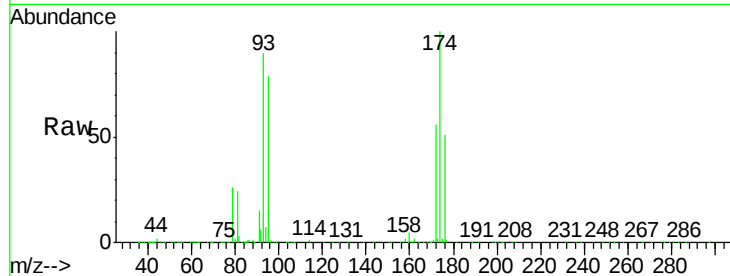
ClientSampleId :

VSTDCCC050

Tot Ion:	93	Resp:	338655
Ion Ratio	Lower	Upper	
93	100		
95	87.8	69.8	104.6
174	111.5	90.5	135.7

Manual Integrations
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#46

Bromodichloromethane

Concen: 44.47 ug/l

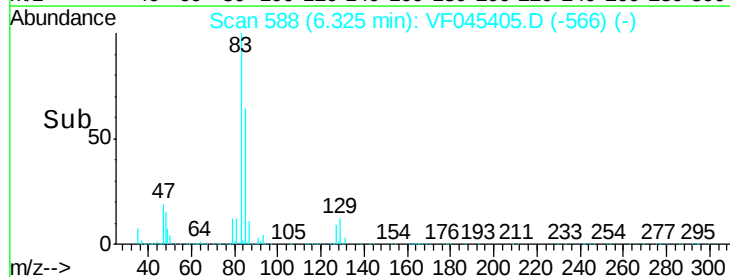
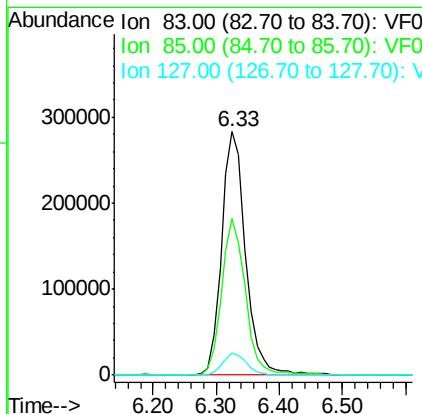
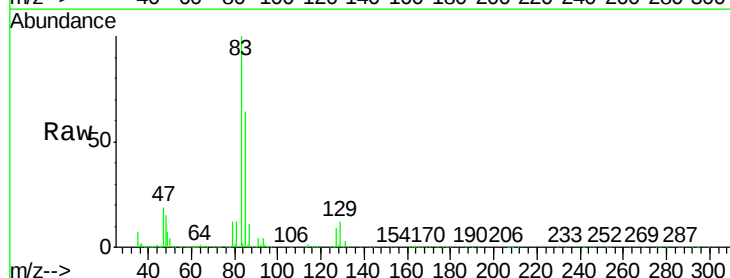
RT: 6.33 min Scan# 588

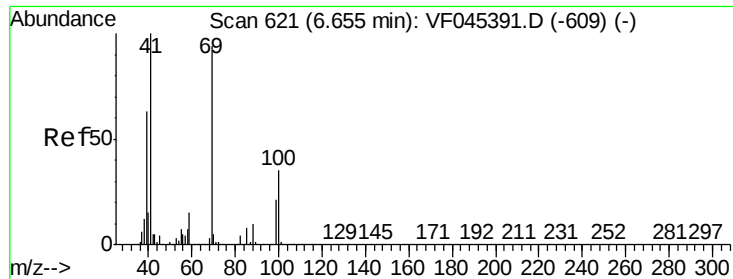
Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion:	83	Resp:	748411
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.6	75.8
127	8.9	7.7	11.5





#47

Methvl methacrilate

Concen: 49.66 ug/l

RT: 6.66 min Scan# 622

Delta R.T. 0.00 min

Lab File: VF045405.D

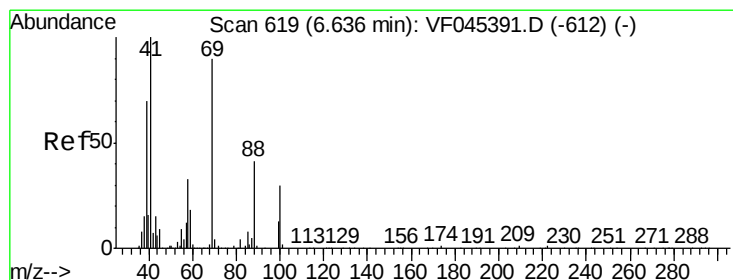
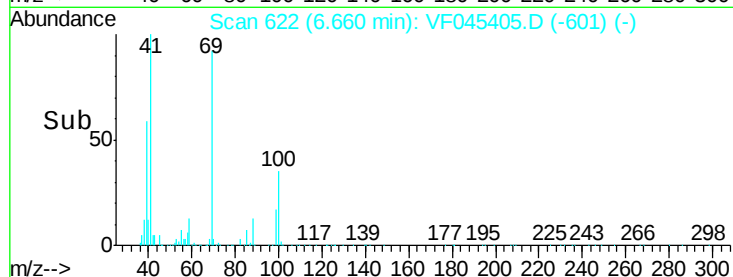
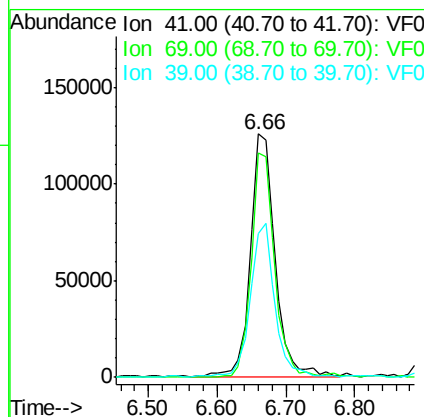
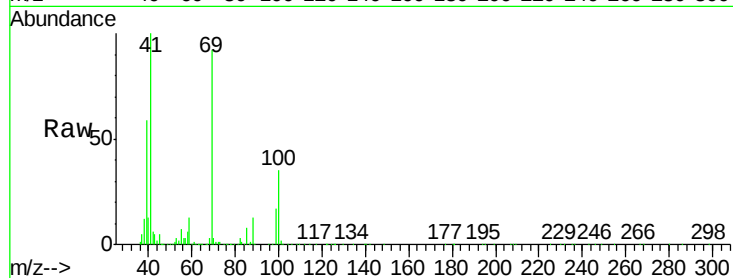
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100	311575		
69	92.1	63.3	94.9	
39	59.0	48.9	73.3	

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#48

1,4-Dioxane

Concen: 903.16 ug/l

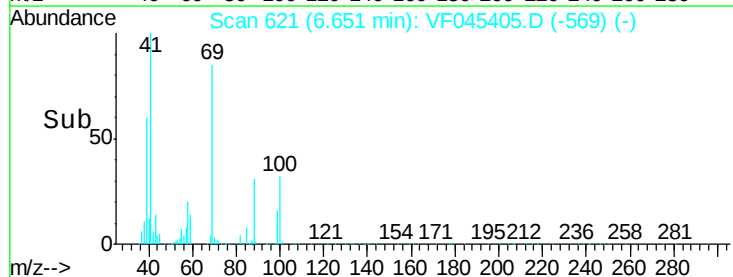
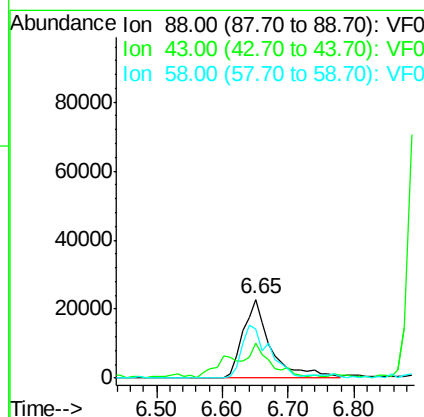
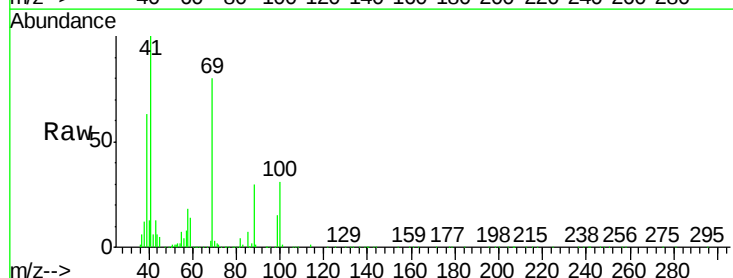
RT: 6.65 min Scan# 621

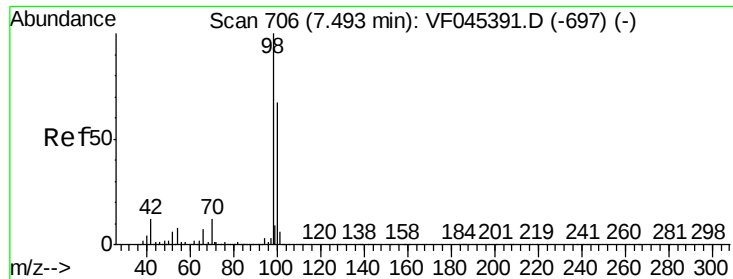
Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	67875		
43	44.6	34.5	51.7	
58	62.2	46.5	69.7	





#49

Toluene-d8

Concen: 48.89 ug/l

RT: 7.50 min Scan# 707

Delta R.T. 0.00 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tot Ion: 98 Resp: 1823566

Ion Ratio Lower Upper

98 100

100 64.4 54.4 81.6

Instrument :

MSVOA_F

ClientSampleId :

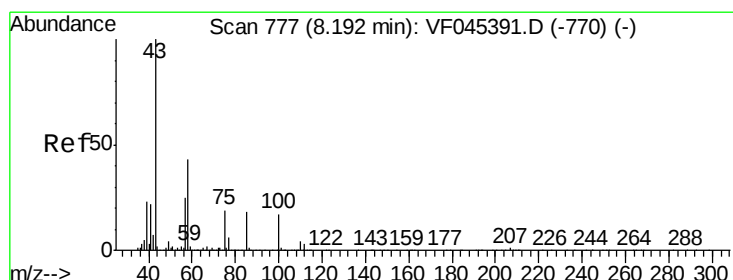
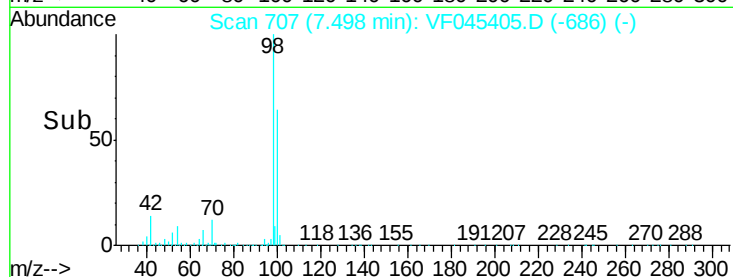
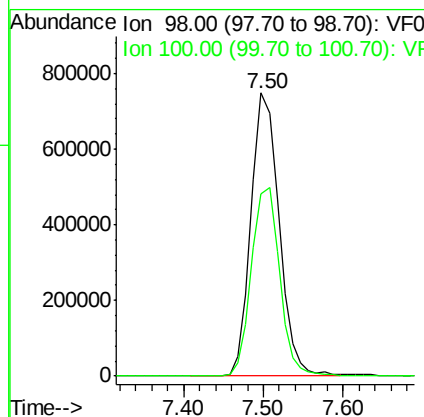
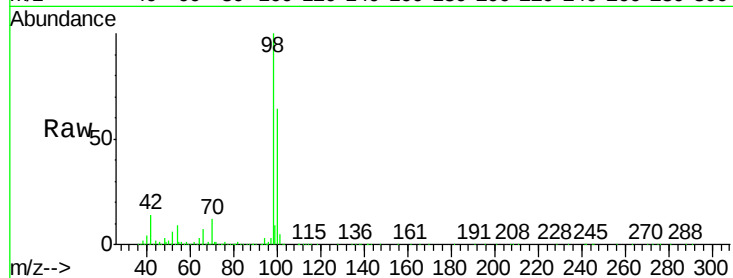
VSTDCCC050

Manual Integrations

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#50

4-Methyl-2-Pentanone

Concen: 240.72 ug/l

RT: 8.21 min Scan# 779

Delta R.T. 0.01 min

Lab File: VF045405.D

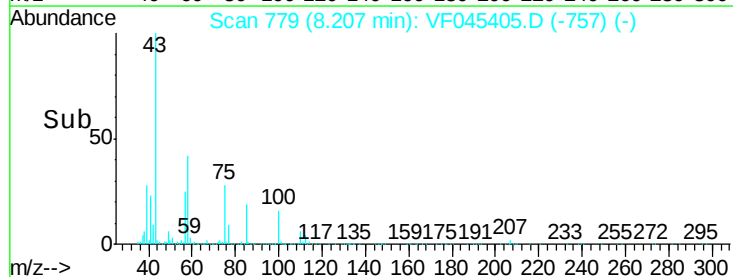
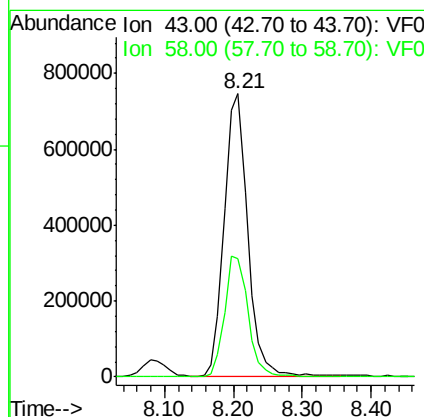
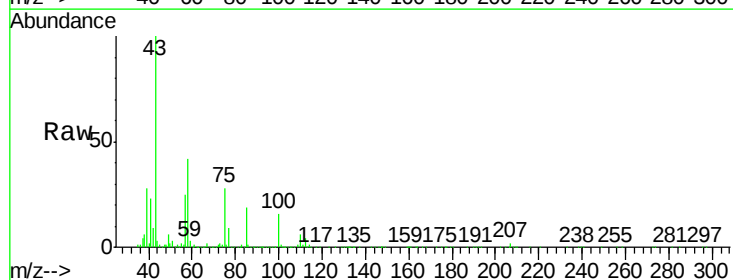
Acq: 17 Sep 2015 12:15

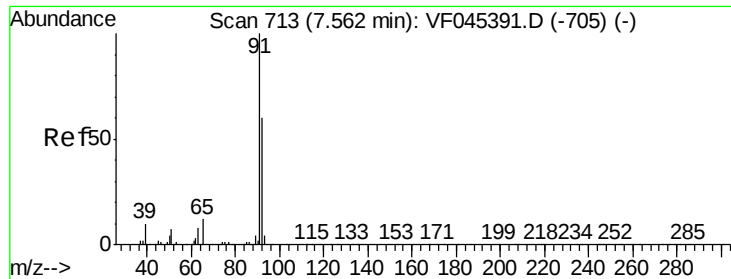
Tgt Ion: 43 Resp: 1769273

Ion Ratio Lower Upper

43 100

58 42.0 33.6 50.4





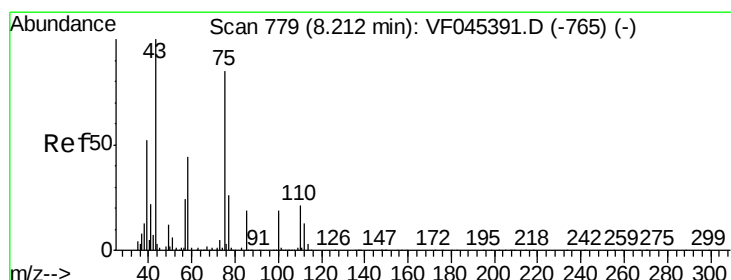
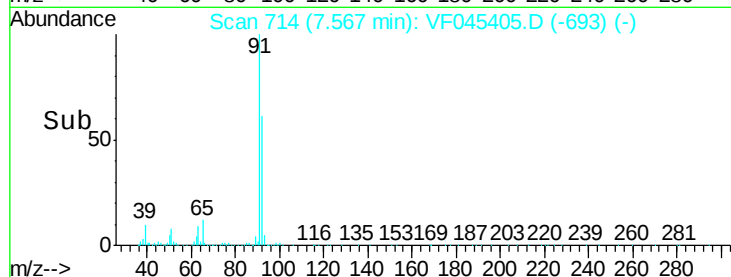
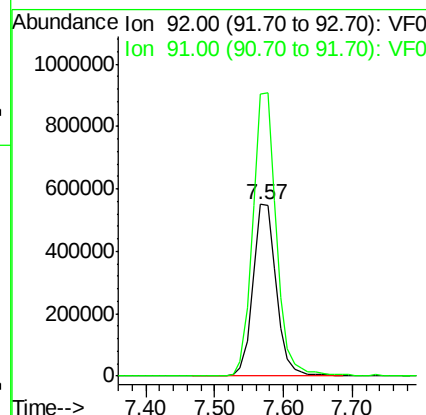
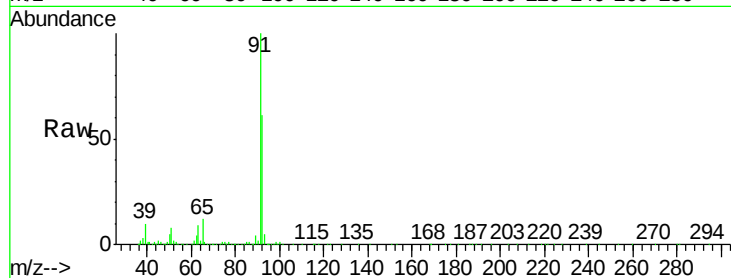
#51
Toluene
Concen: 46.61 ug/l
RT: 7.57 min Scan# 714
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 92 Resp: 1302039
Ion Ratio Lower Upper
92 100
91 164.5 133.4 200.0

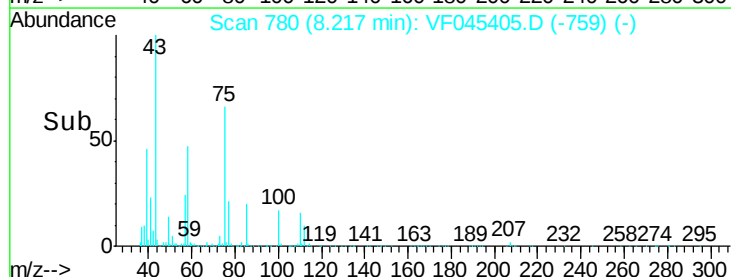
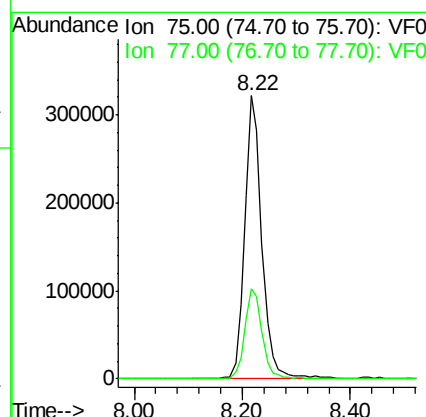
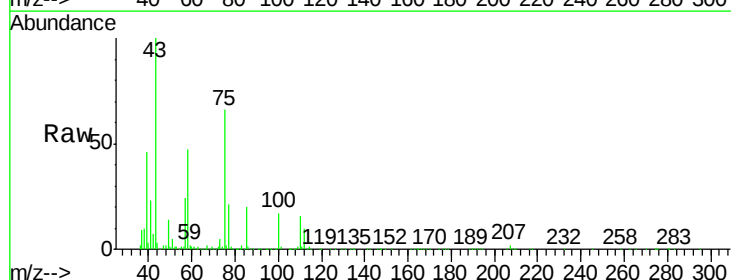
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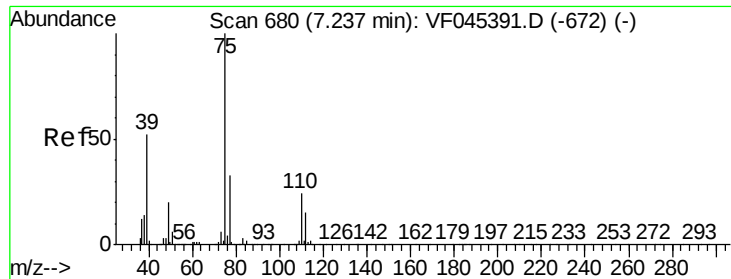
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#52
t-1,3-Dichloropropene
Concen: 47.24 ug/l
RT: 8.22 min Scan# 780
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion: 75 Resp: 714621
Ion Ratio Lower Upper
75 100
77 31.6 28.1 42.1





#53

cis-1,3-Dichloropropene

Concen: 45.20 ug/l

RT: 7.24 min Scan# 681

Delta R.T. 0.00 min

Lab File: VF045405.D

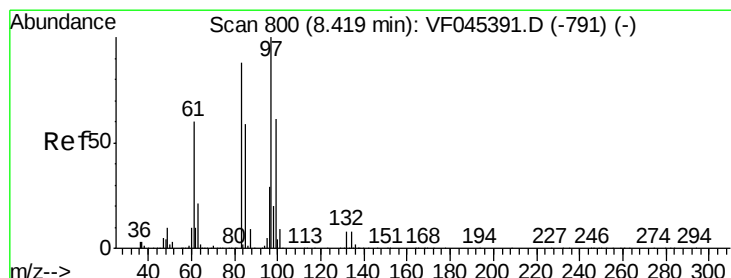
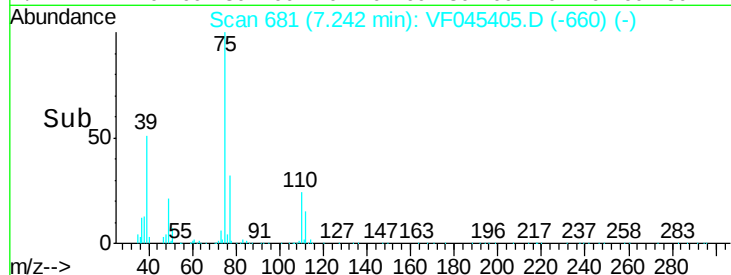
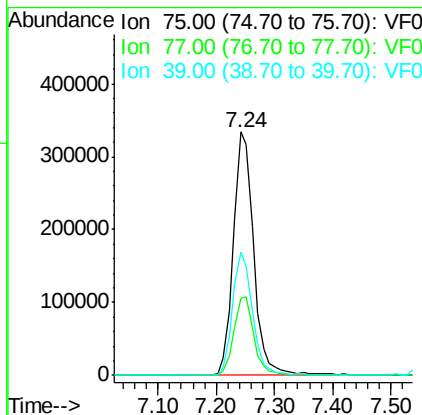
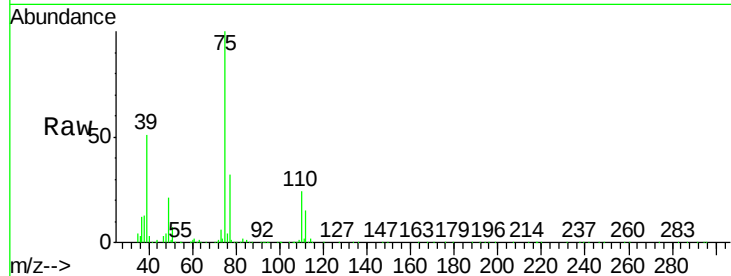
Acq: 17 Sep 2015 12:15

Tot Ion:	75	Resp:	807431
Ion Ratio	Lower	Upper	
75	100		
77	31.6	25.5	38.3
39	50.5	41.6	62.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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#54

1,1,2-Trichloroethane

Concen: 47.27 ug/l

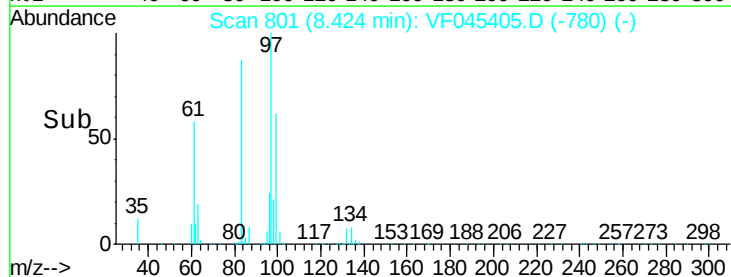
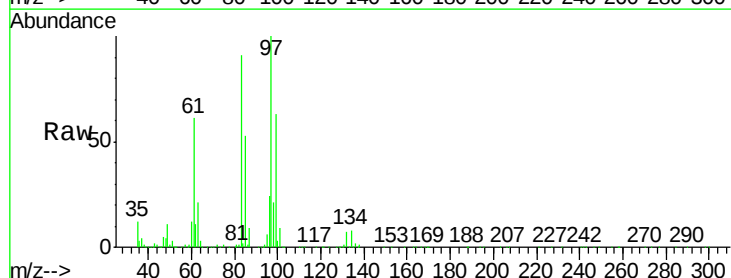
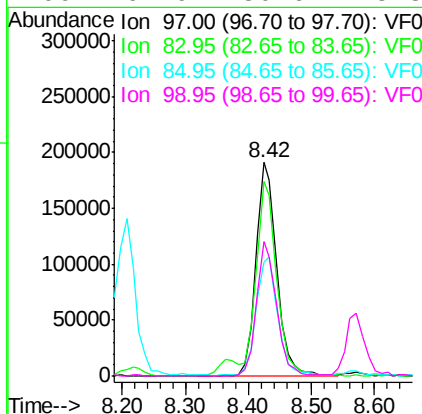
RT: 8.42 min Scan# 801

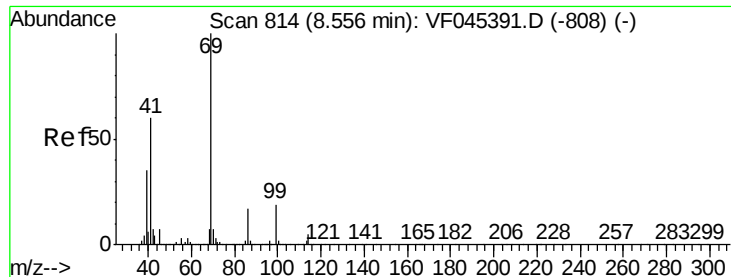
Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion:	97	Resp:	446579
Ion Ratio	Lower	Upper	
97	100		
83	91.4	70.1	105.1
85	53.3	47.4	71.2
99	62.9	50.6	75.8





#55

Ethyl methacrylate

Concen: 48.96 ug/l

RT: 8.57 min Scan# 816

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

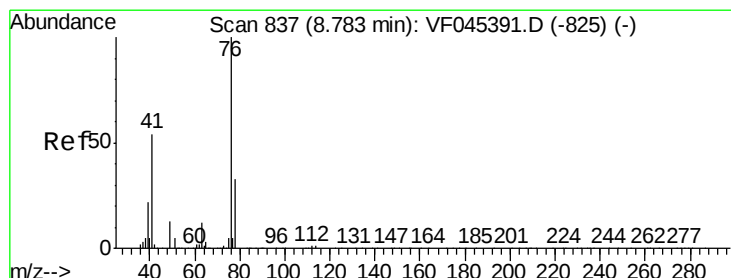
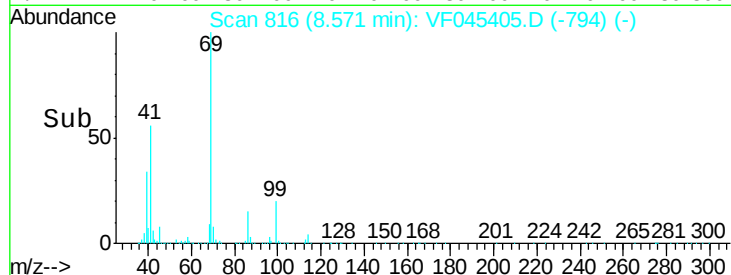
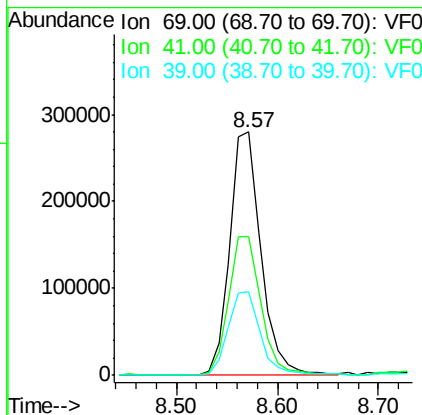
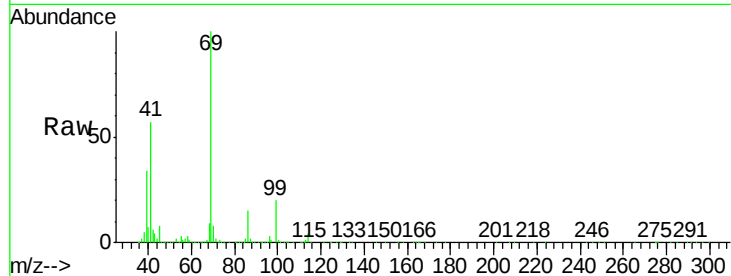
ClientSampleId :

VSTDCCC050

Tot Ion:	69	Resp:	601659
Ion Ratio	Lower	Upper	
69	100		
41	57.1	51.0	76.4
39	34.4	29.1	43.7

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#56

1,3-Dichloropropane

Concen: 47.05 ug/l

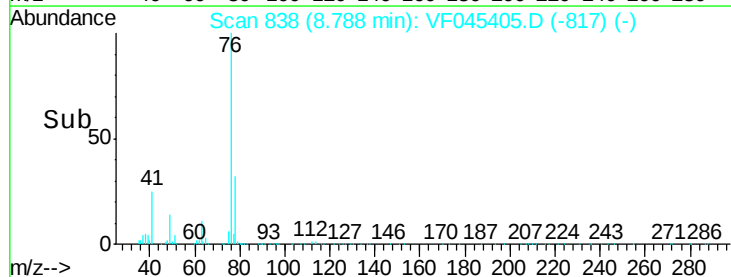
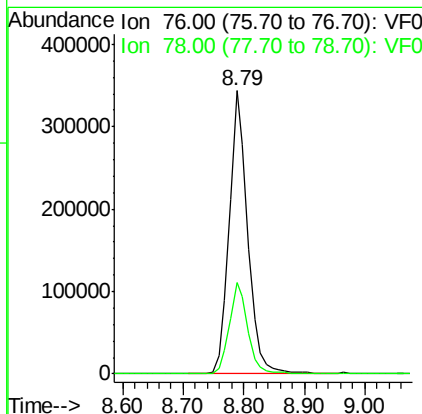
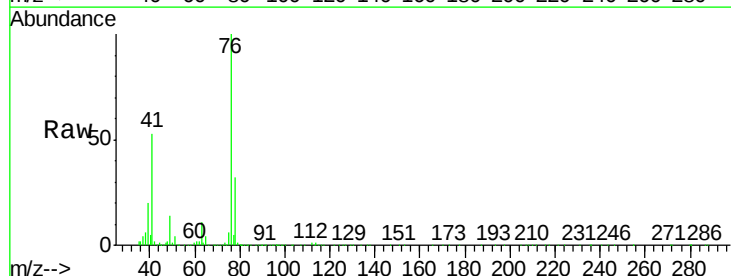
RT: 8.79 min Scan# 838

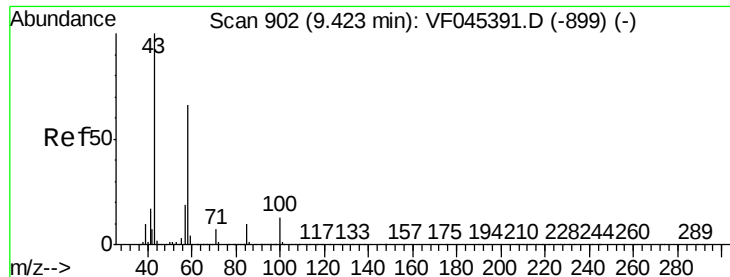
Delta R.T. 0.00 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion:	76	Resp:	725046
Ion Ratio	Lower	Upper	
76	100		
78	32.3	26.1	39.1





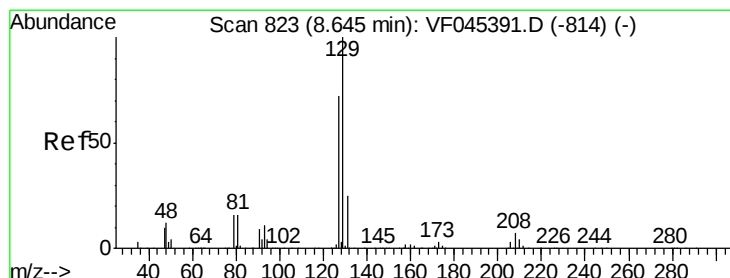
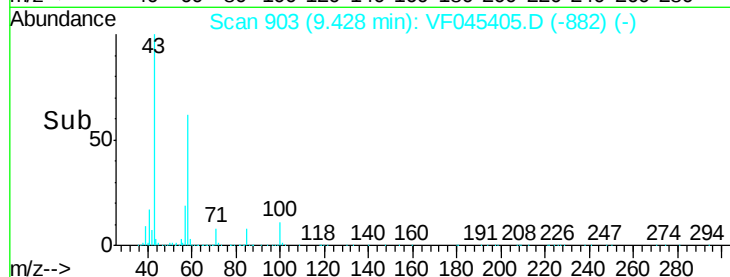
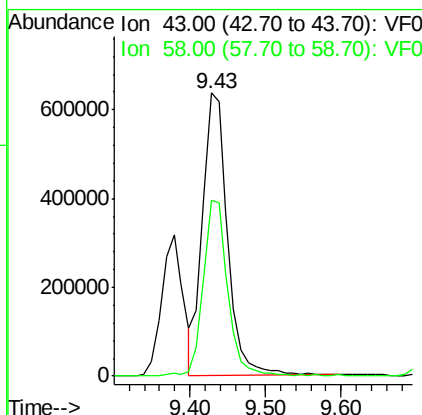
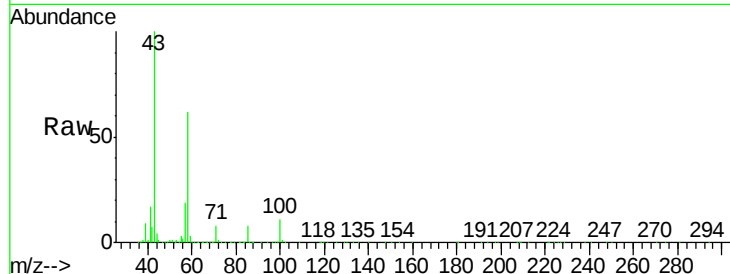
#58
2-Hexanone
Concen: 250.14 ug/l
RT: 9.43 min Scan# 903
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1463375
Ion Ratio Lower Upper
43 100
58 62.3 28.8 86.5

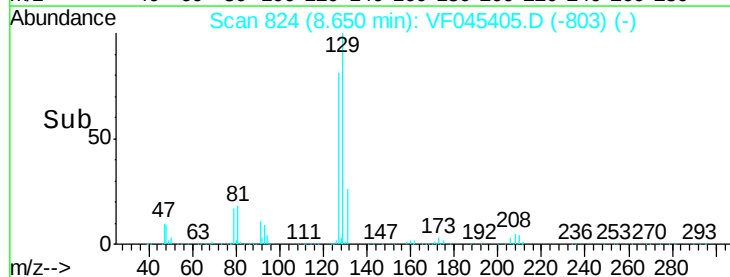
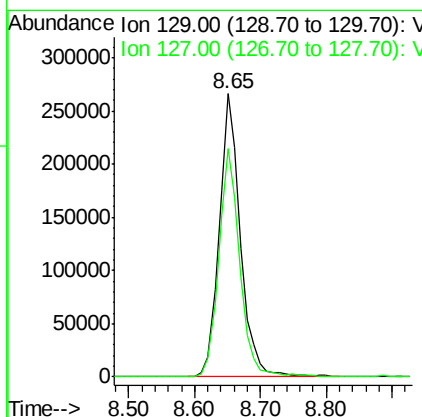
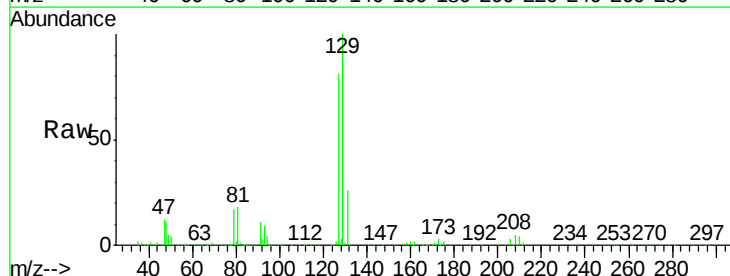
Manual Integrations
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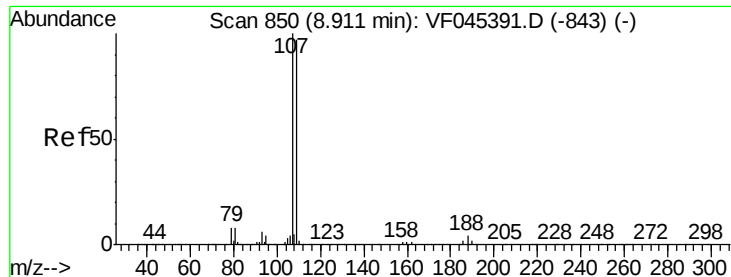
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#59
Dibromochloromethane
Concen: 44.38 ug/l
RT: 8.65 min Scan# 824
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion: 129 Resp: 594201
Ion Ratio Lower Upper
129 100
127 80.8 38.2 114.6





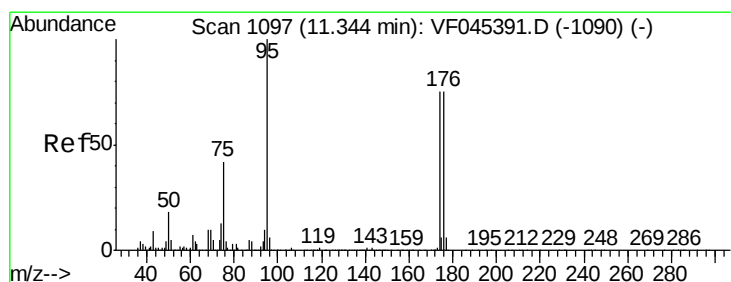
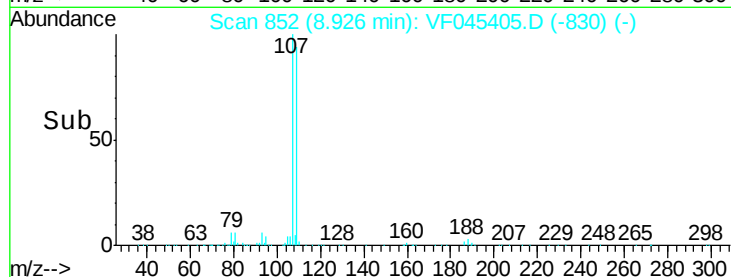
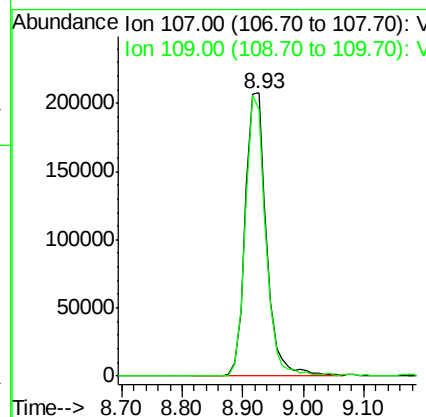
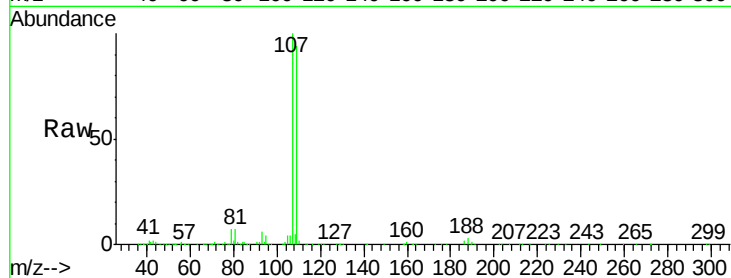
#60
 1,2-Dibromoethane
 Concen: 47.18 ug/l
 RT: 8.93 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	79.4	119.0

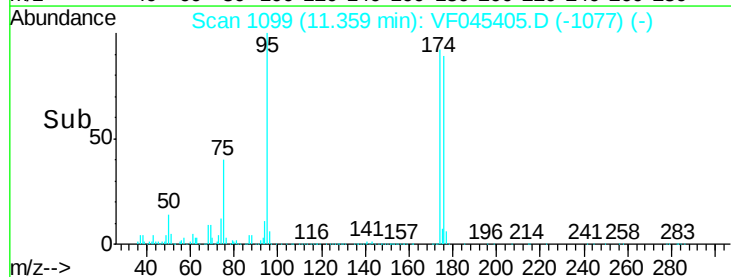
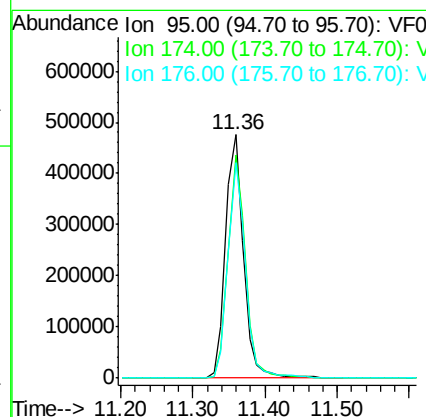
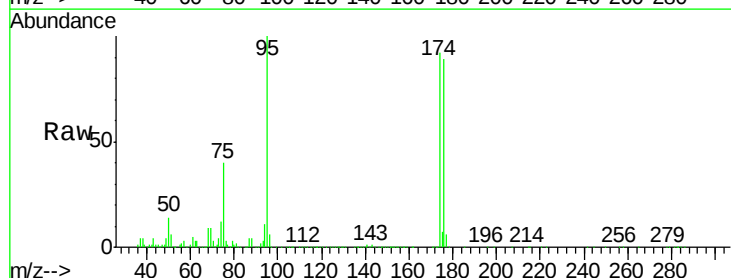
Manual Integrations
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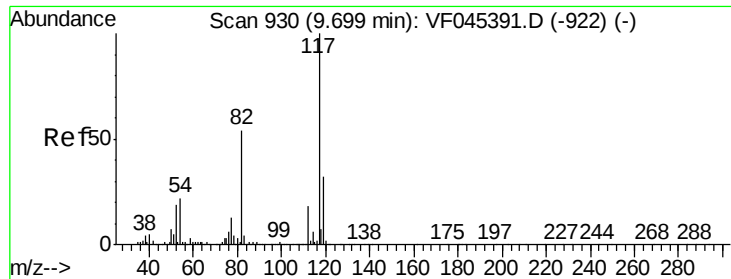
MMDadoda
 9/18/2015 12:28:44 PM



#61
 4-Bromofluorobenzene
 Concen: 45.69 ug/l
 RT: 11.36 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	177.8
176	88.6	0.0	176.2





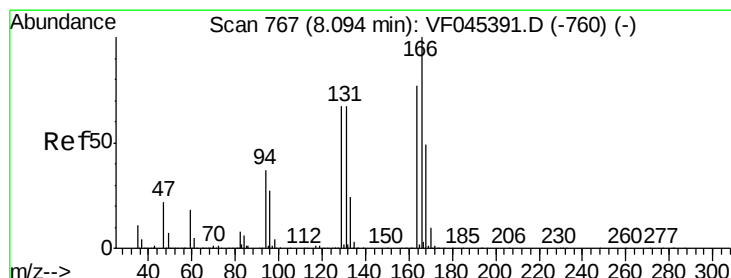
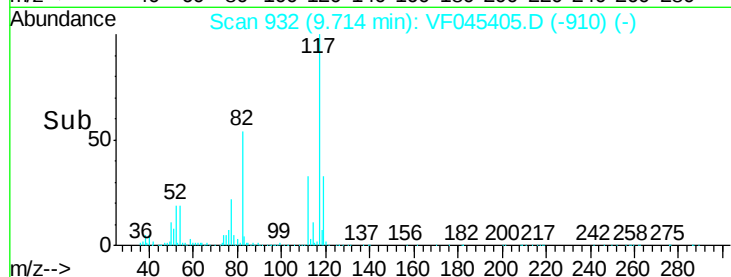
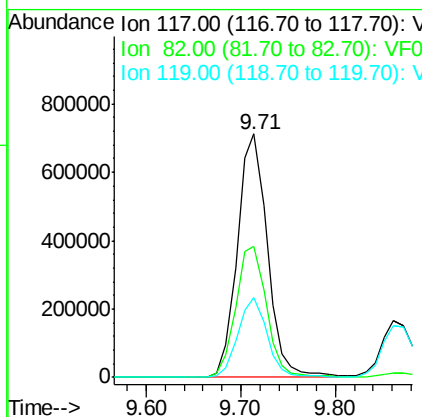
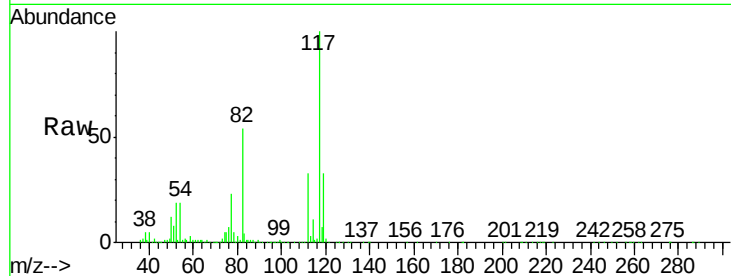
#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 932
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.0	67.6
119	32.6	26.2	39.4

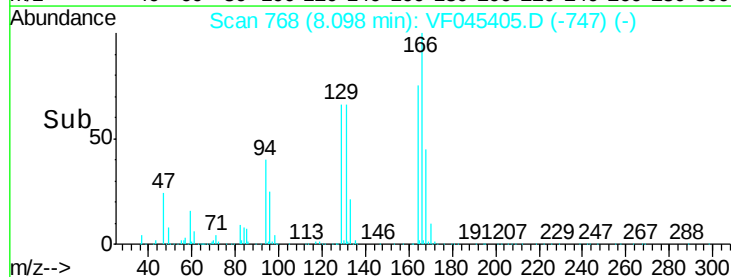
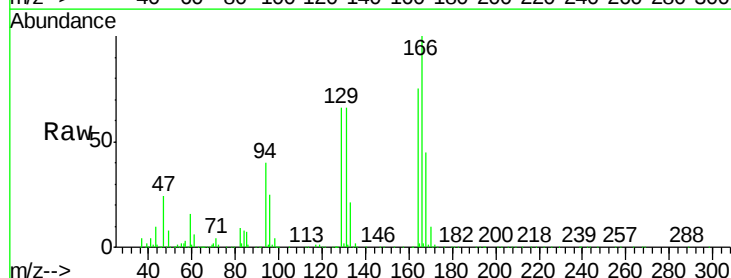
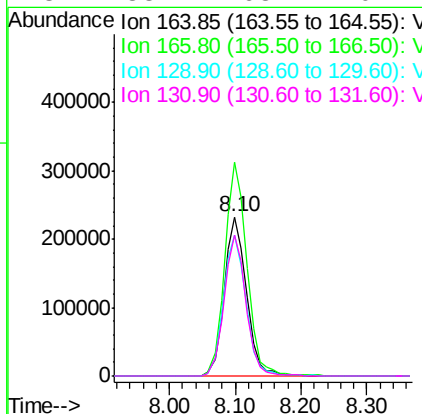
Manual Integrations
APPROVED

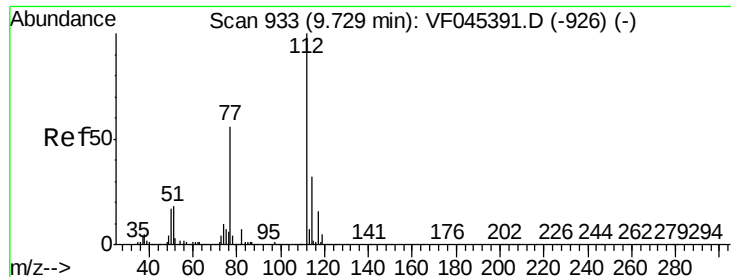
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#63
Tetrachloroethene
Concen: 44.16 ug/l
RT: 8.10 min Scan# 768
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.0	106.0	159.0
129	88.3	69.8	104.6
131	88.7	68.2	102.4





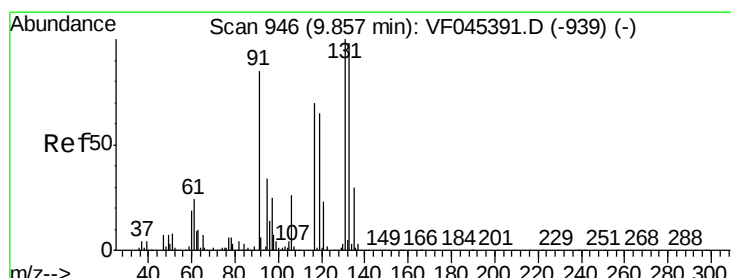
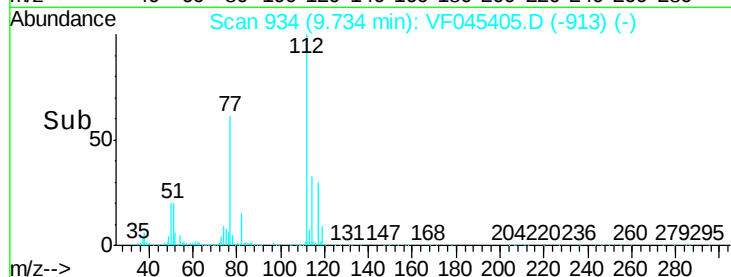
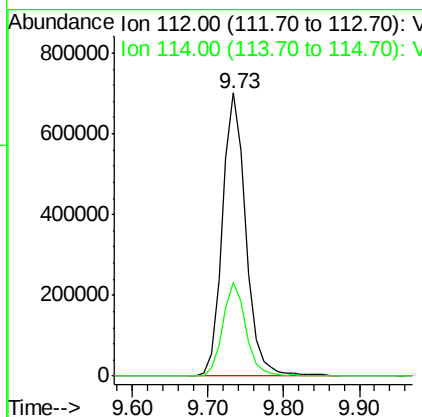
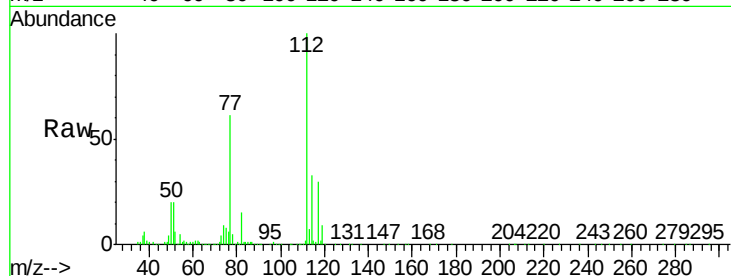
#64
Chlorobenzene
Concen: 45.95 ug/l
RT: 9.73 min Scan# 934
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1506992
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

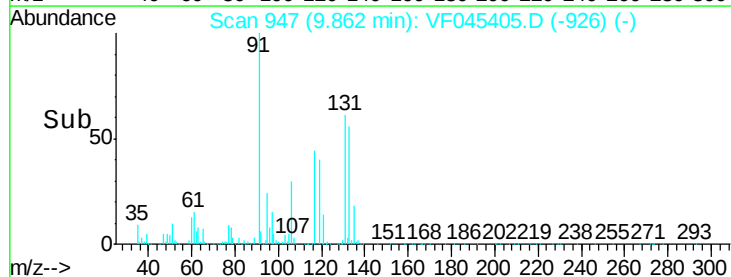
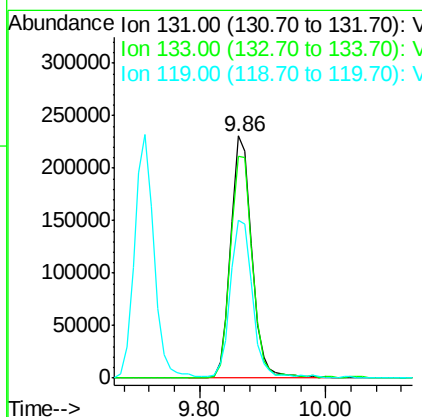
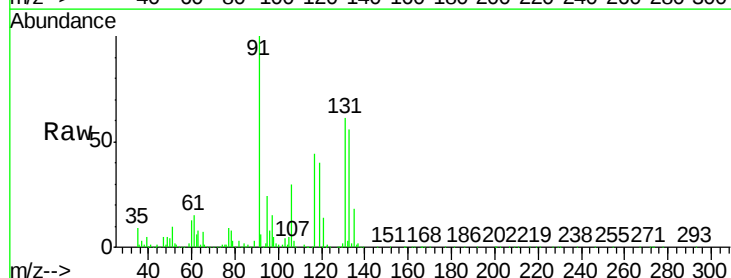
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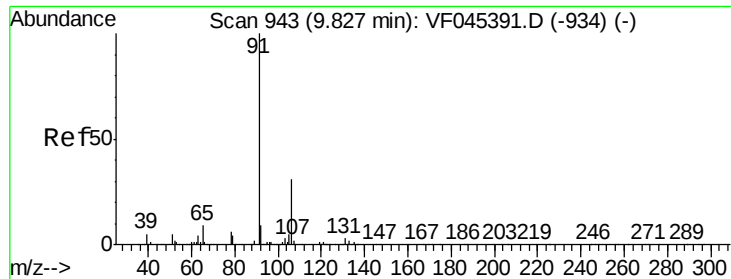
MMDadoda
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#65
1,1,1,2-Tetrachloroethane
Concen: 44.38 ug/l
RT: 9.86 min Scan# 947
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion:131 Resp: 532089
Ion Ratio Lower Upper
131 100
133 91.4 48.1 144.4
119 65.1 34.8 104.5





#66

Ethyl Benzene

Concen: 44.01 ug/l

RT: 9.84 min Scan# 945

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2500734

Ion Ratio Lower Upper

91 100

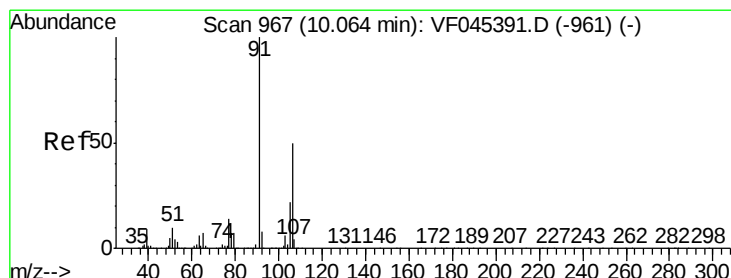
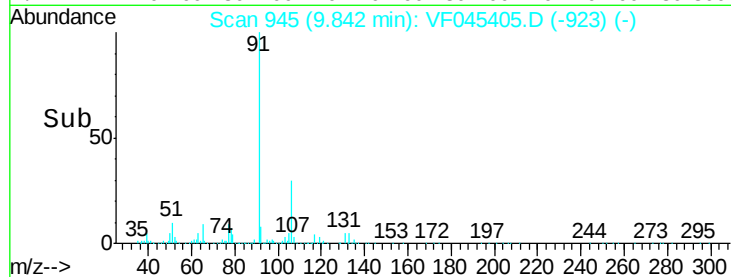
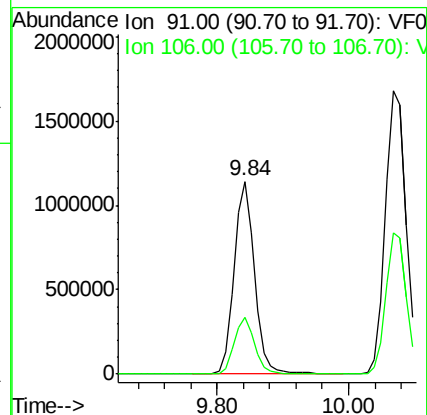
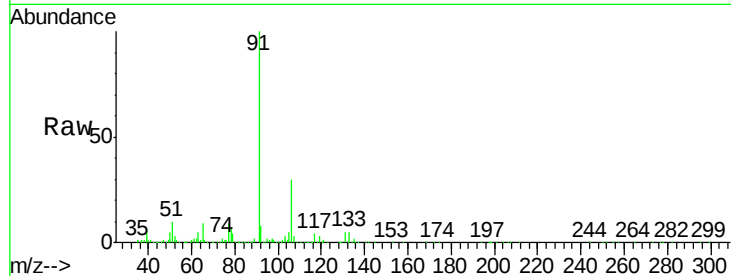
106 29.7 23.6 35.4

Manual Integrations

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9/18/2015 12:28:44 PM



#67

m/p-Xylenes

Concen: 91.77 ug/l

RT: 10.07 min Scan# 968

Delta R.T. 0.00 min

Lab File: VF045405.D

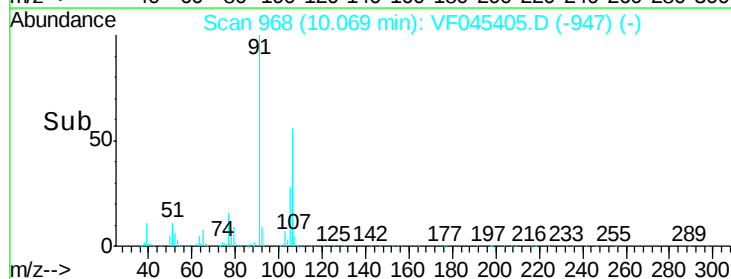
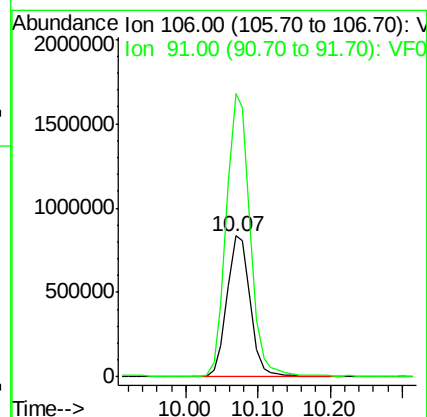
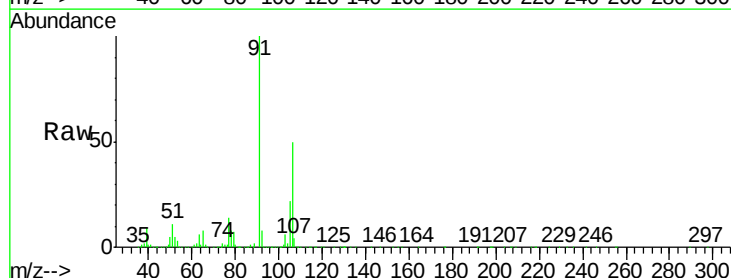
Acq: 17 Sep 2015 12:15

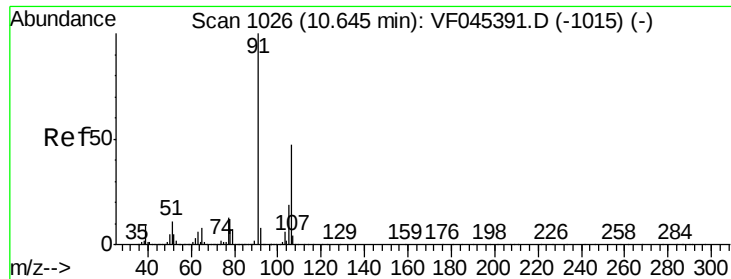
Tgt Ion: 106 Resp: 1869277

Ion Ratio Lower Upper

106 100

91 200.8 166.1 249.1





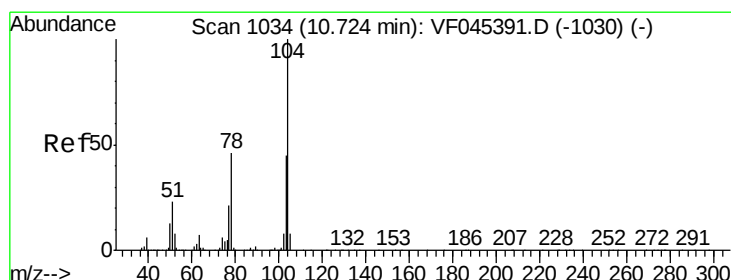
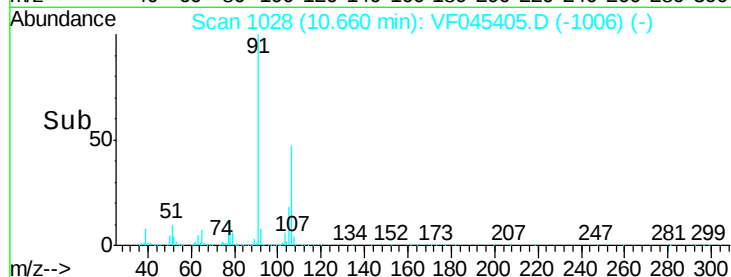
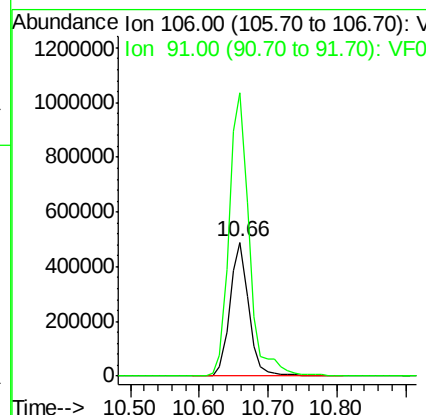
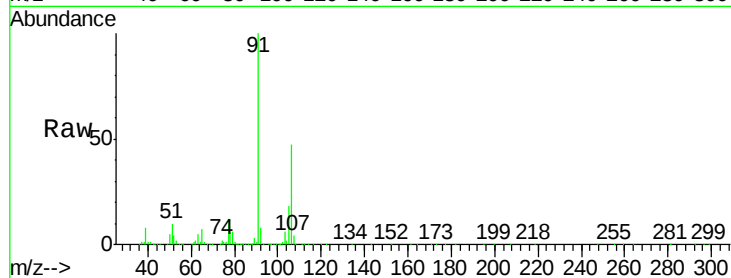
#68
o-Xylene
Concen: 43.85 ug/l
RT: 10.66 min Scan# 1028
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 927239
Ion Ratio Lower Upper
106 100
91 211.4 108.1 324.2

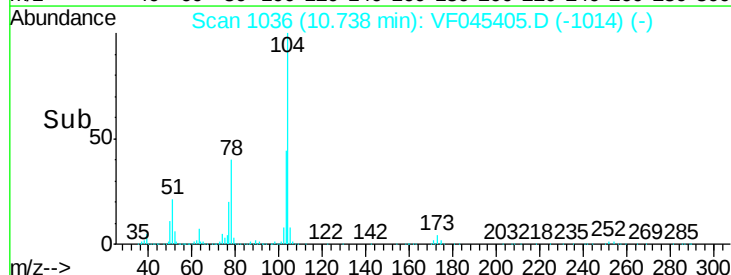
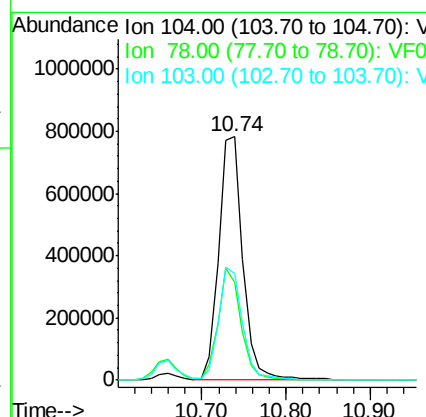
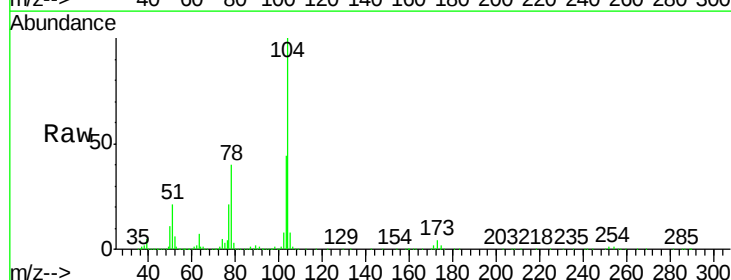
Manual Integrations
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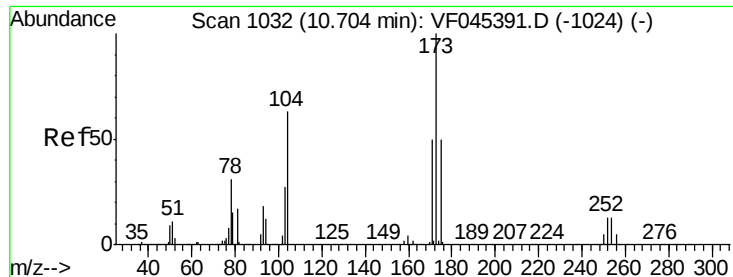
MMDadoda
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#69
Styrene
Concen: 46.03 ug/l
RT: 10.74 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion:104 Resp: 1553355
Ion Ratio Lower Upper
104 100
78 40.0 34.2 51.4
103 43.9 36.7 55.1





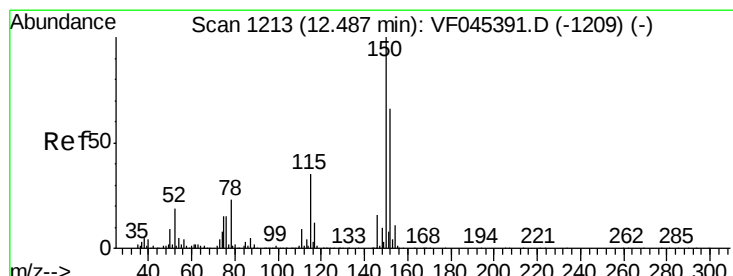
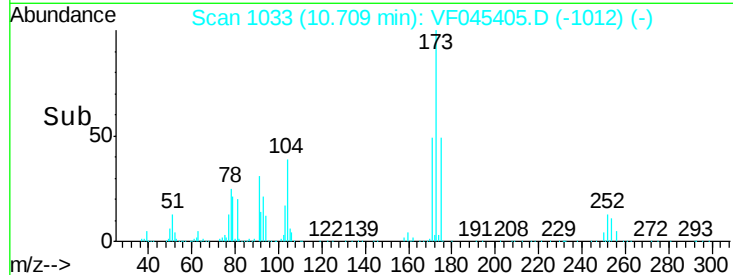
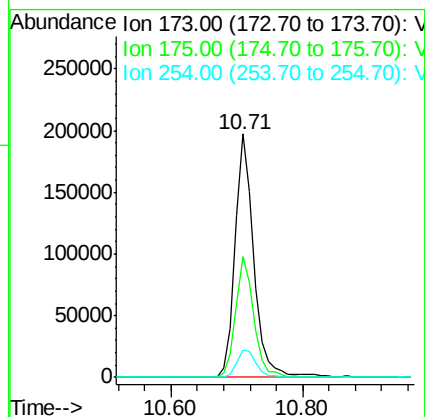
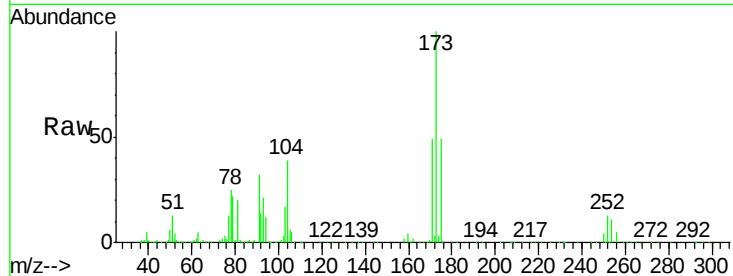
#70
Bromoform
Concen: 44.46 ug/l
RT: 10.71 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	25.7	77.0
254	11.1	9.8	14.6

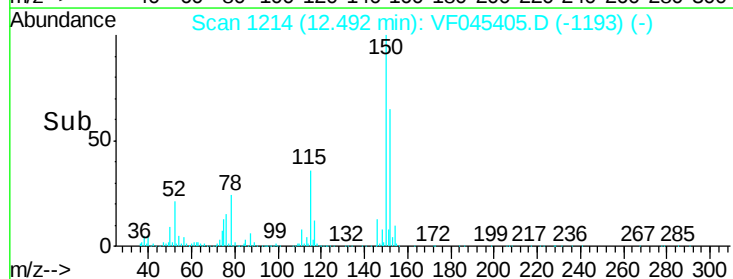
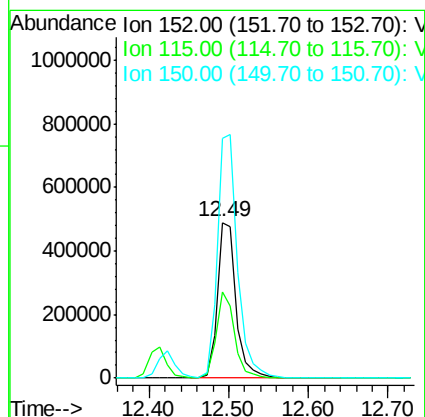
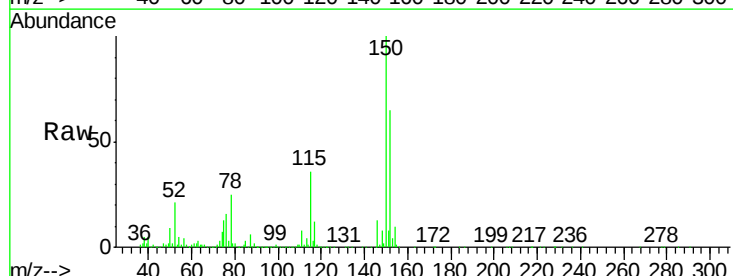
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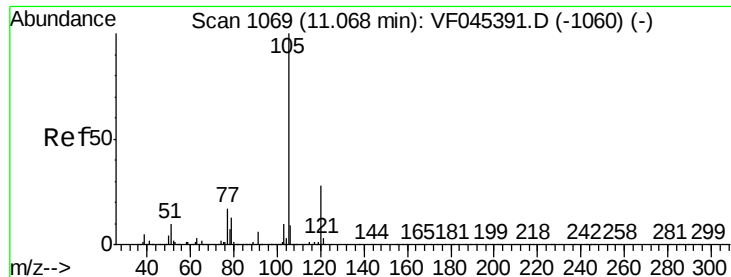
MMDadoda
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#71
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.49 min Scan# 1214
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.3	85.0
150	153.6	0.0	324.2





#72

Isopropylbenzene

Concen: 50.15 ug/l

RT: 11.07 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2713132

Ion Ratio Lower Upper

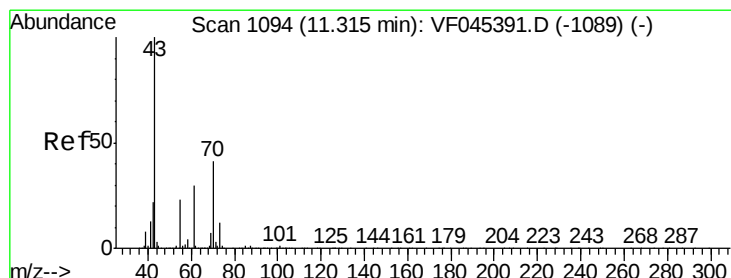
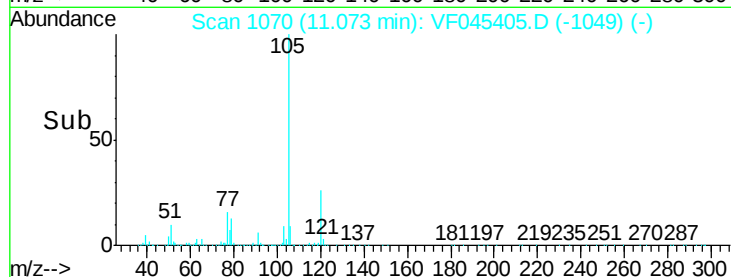
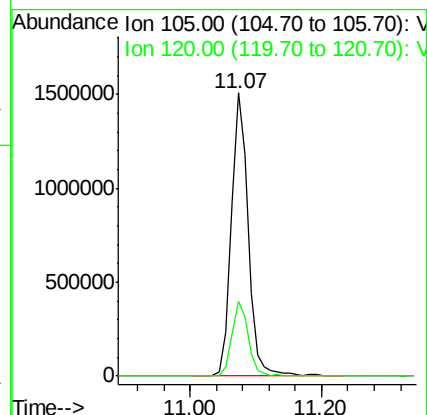
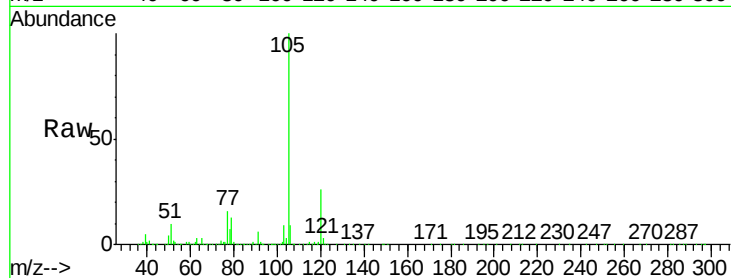
105 100

120 26.2 13.0 39.0

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9/18/2015 12:28:44 PM



#73

N-ethyl acetate

Concen: 48.50 ug/l

RT: 11.33 min Scan# 1096

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion: 43 Resp: 727374

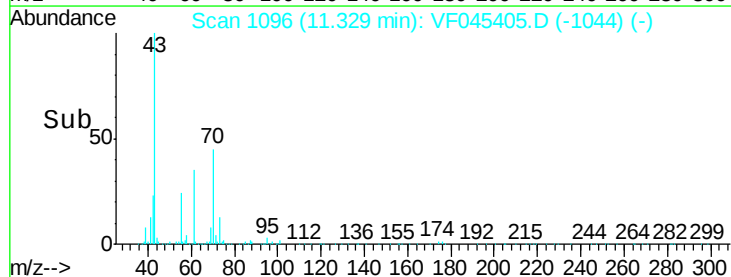
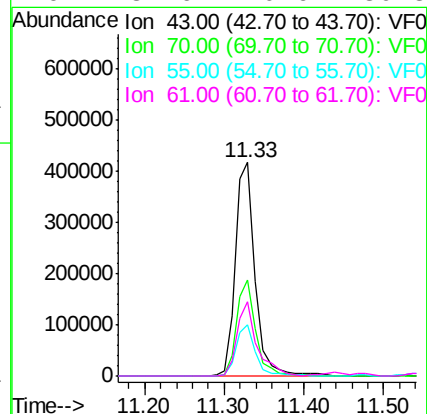
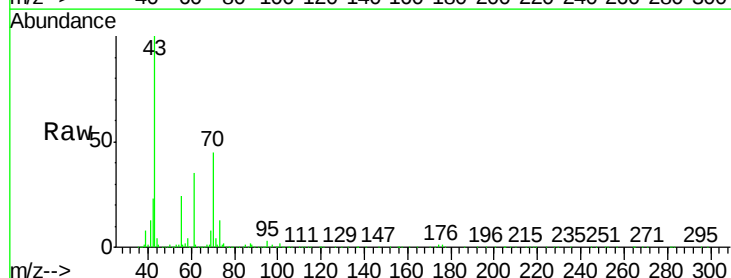
Ion Ratio Lower Upper

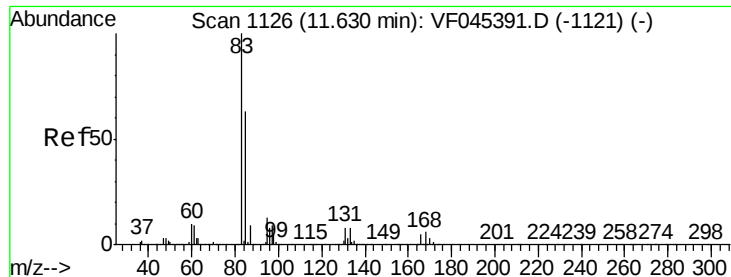
43 100

70 44.8 30.0 45.0

55 24.2 16.8 25.2

61 34.6 20.6 30.8#





#74

1,1,2,2-Tetrachloroethane

Concen: 47.58 ug/l

RT: 11.64 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

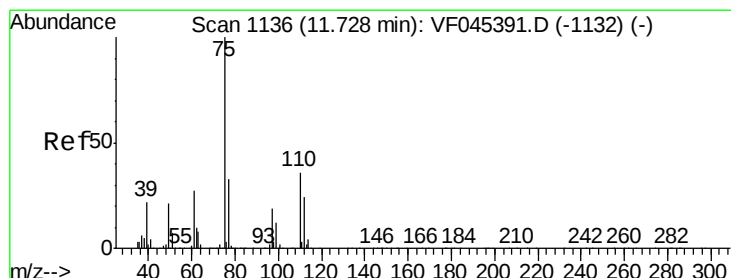
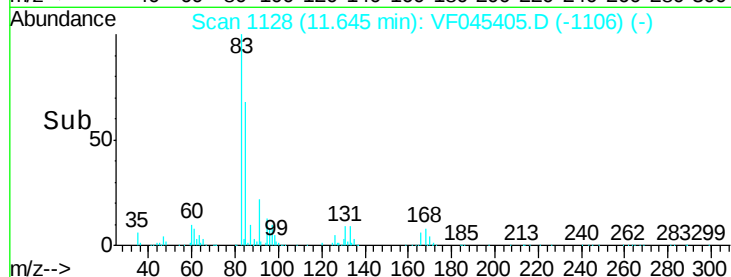
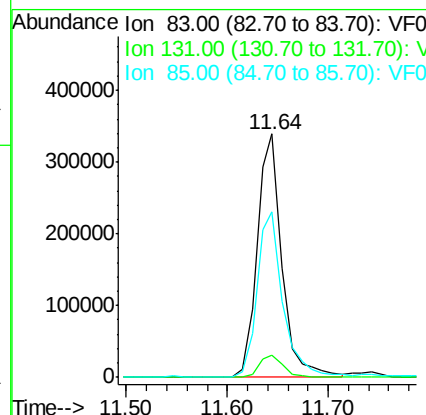
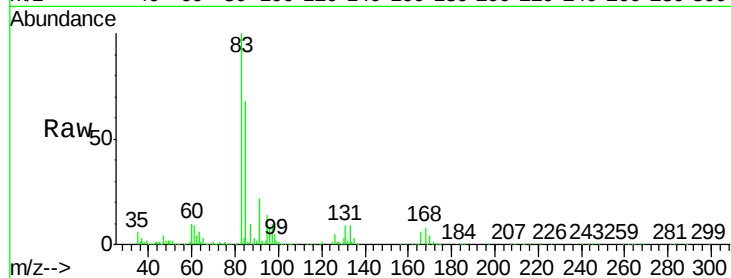
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	583430
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.2	12.6
85	67.8	32.5	97.5

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#75

1,2,3-Trichloropropane

Concen: 48.14 ug/l

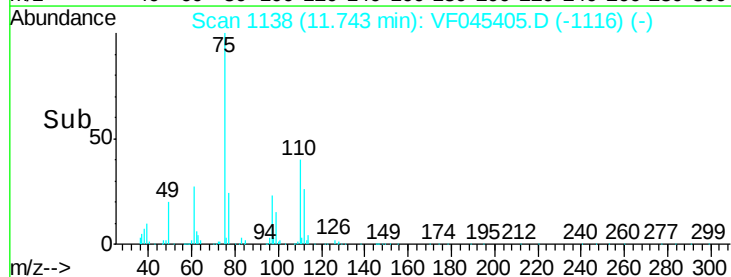
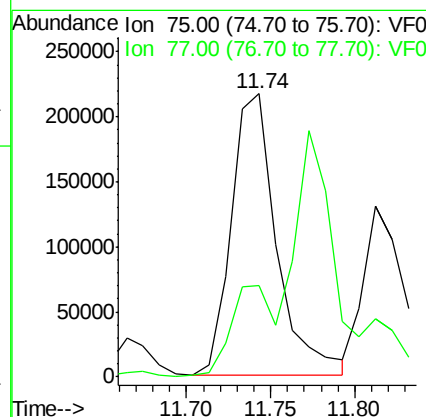
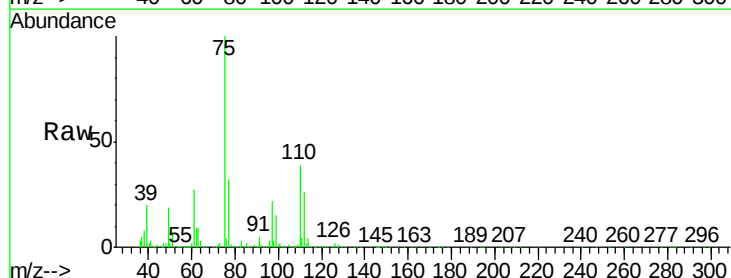
RT: 11.74 min Scan# 1138

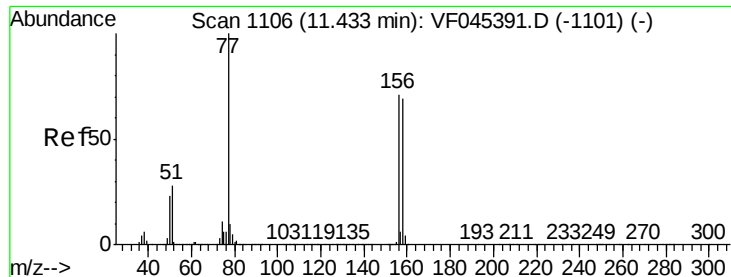
Delta R.T. 0.01 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion:	75	Resp:	405950
Ion Ratio	Lower	Upper	
75	100		
77	32.4	15.0	45.1





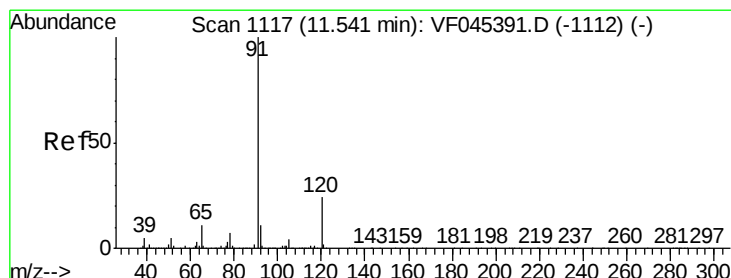
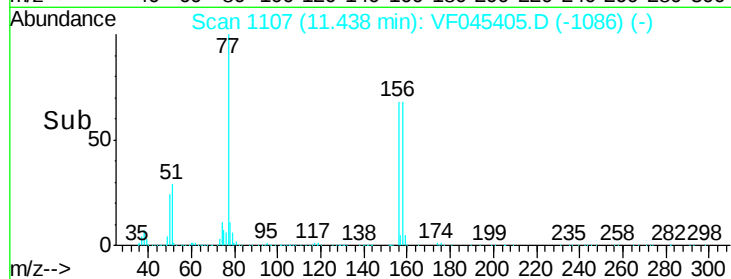
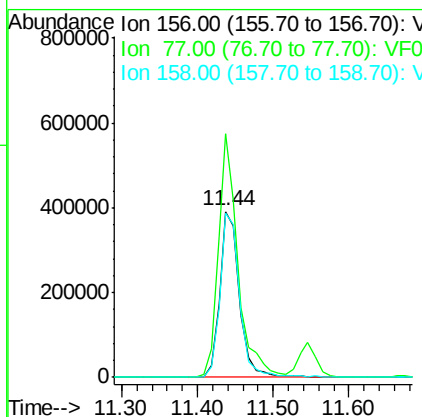
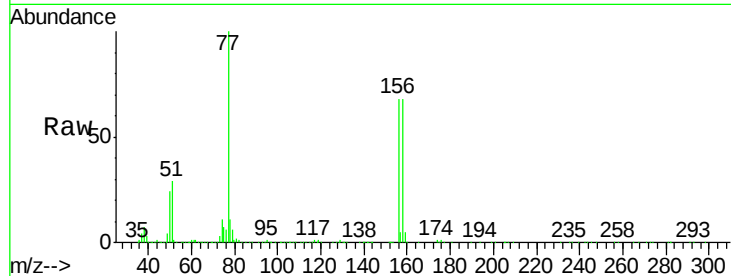
#76
Bromobenzene
Concen: 46.03 ug/l
RT: 11.44 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.1	74.8	224.3
158	99.5	49.5	148.7

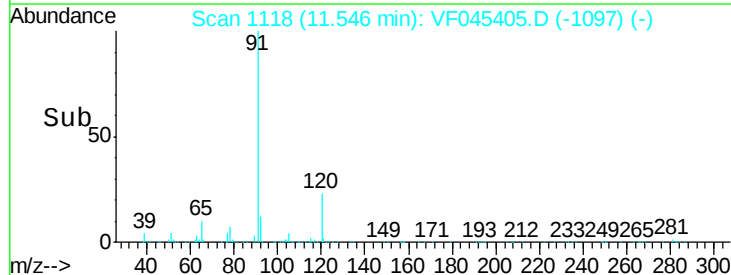
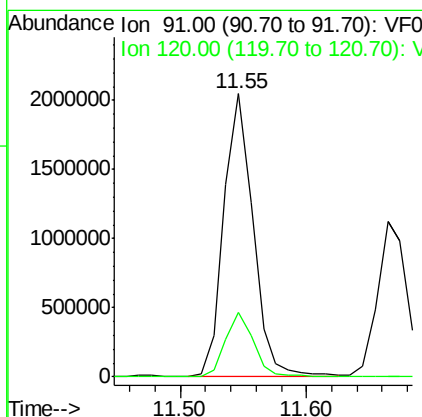
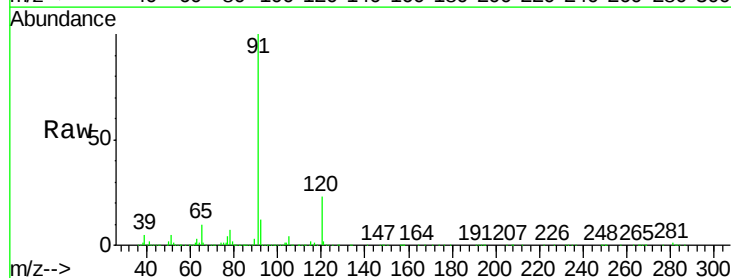
Manual Integrations
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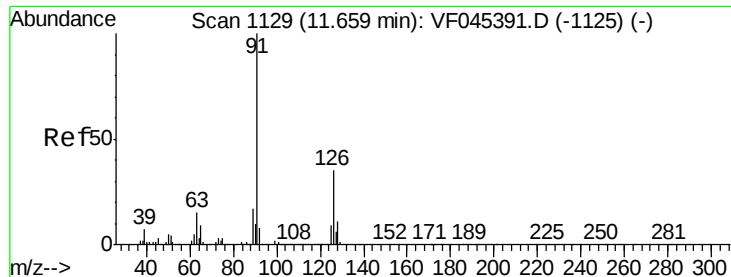
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#77
n-propylbenzene
Concen: 49.28 ug/l
RT: 11.55 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.6	34.7





#78

2-Chlorotoluene

Concen: 48.98 ug/l

RT: 11.66 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1840202

Ion Ratio Lower Upper

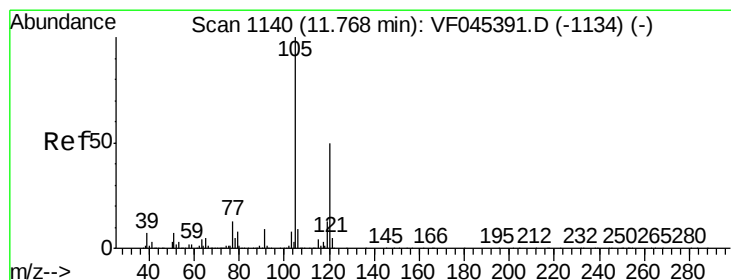
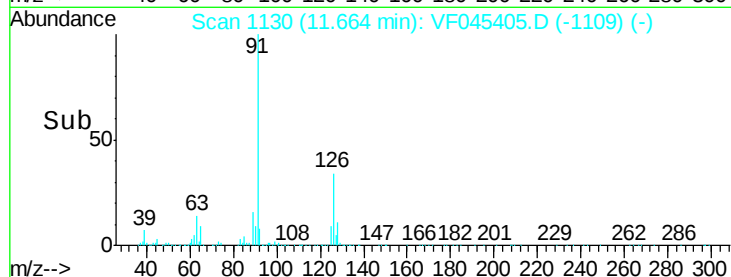
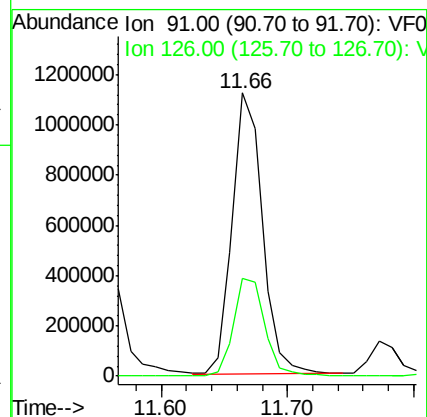
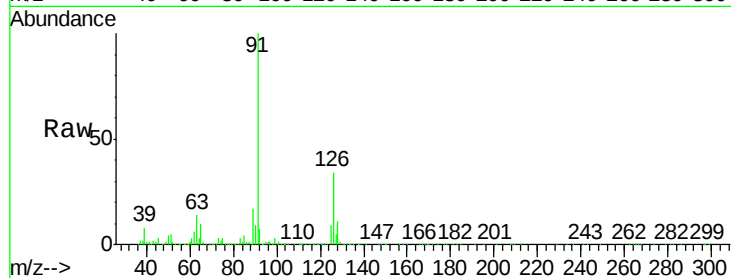
91 100

126 34.4 16.9 50.7

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9/18/2015 12:28:44 PM



#79

1,3,5-Trimethylbenzene

Concen: 48.67 ug/l

RT: 11.77 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VF045405.D

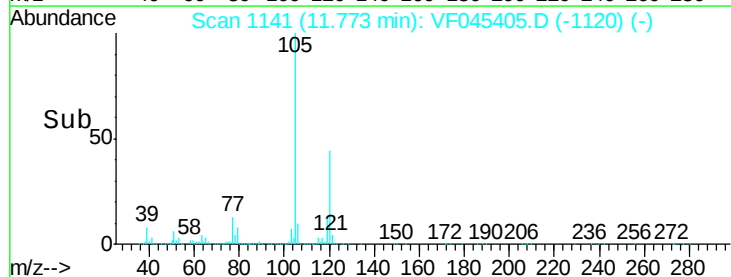
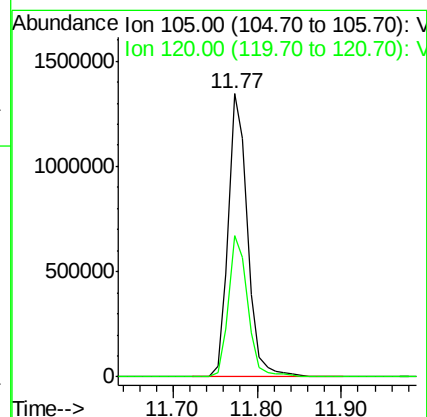
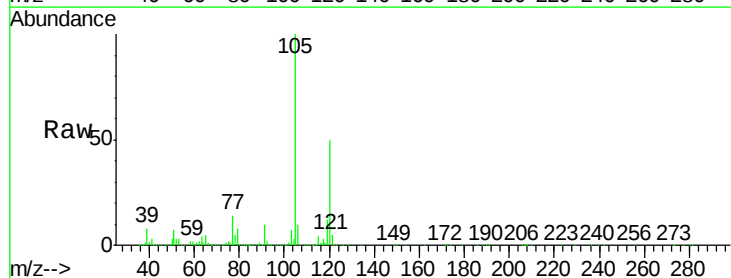
Acq: 17 Sep 2015 12:15

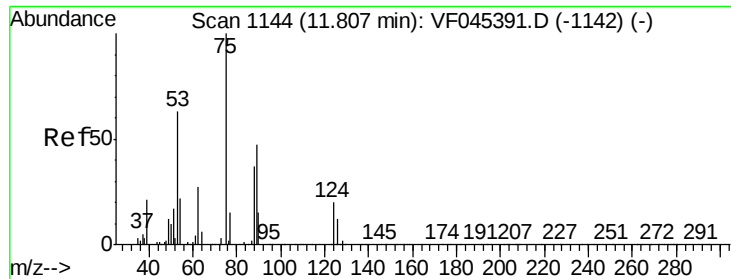
Tgt Ion: 105 Resp: 2145721

Ion Ratio Lower Upper

105 100

120 49.8 25.2 75.6





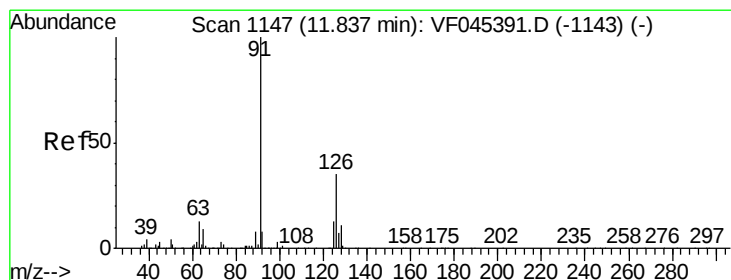
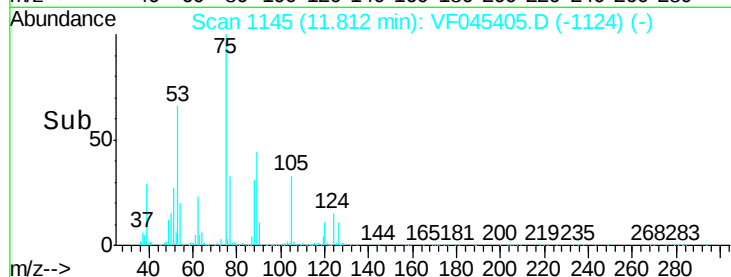
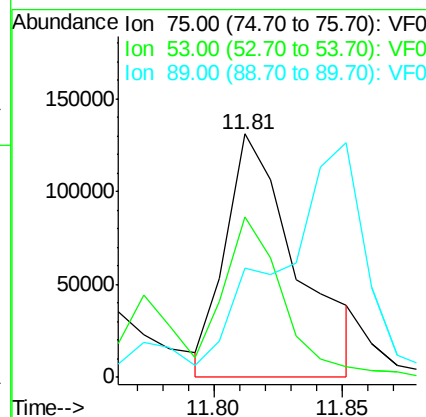
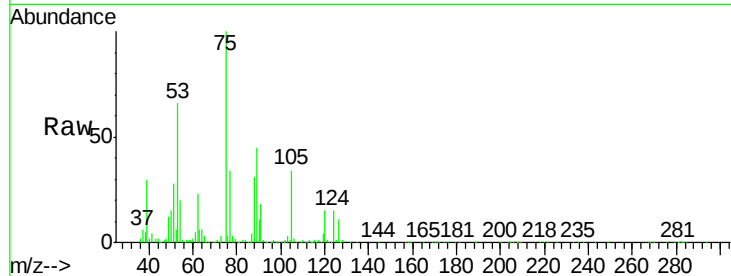
#80
trans-1,4-Dichloro-2-butene
Concen: 55.83 ug/l m
RT: 11.81 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	65.6	51.0	76.6
89	44.7	38.6	57.8

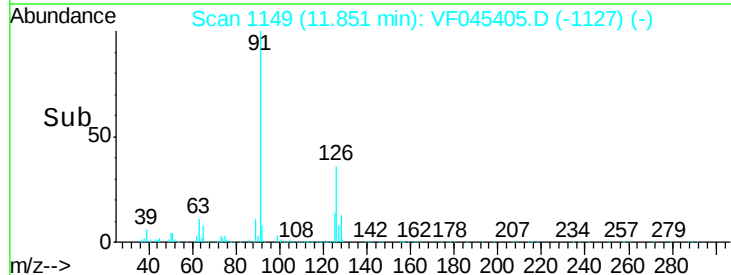
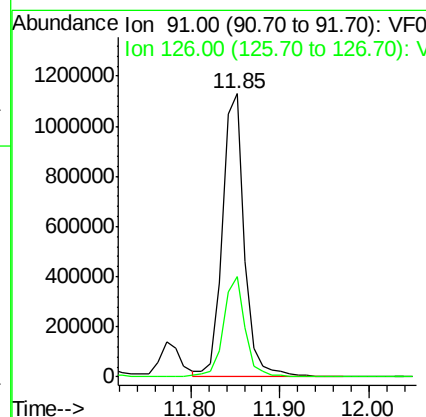
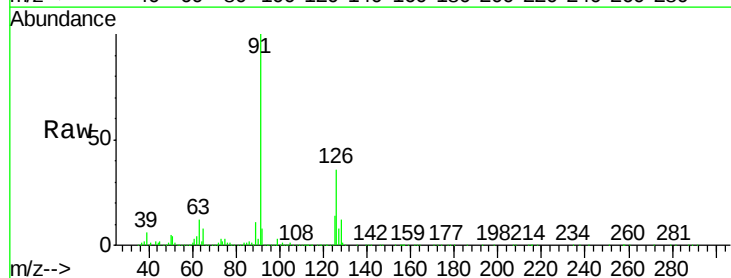
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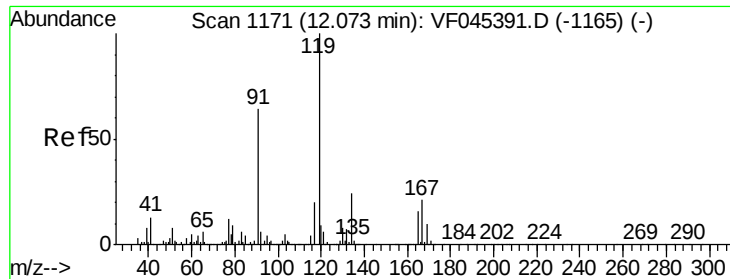
MMDadoda
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#81
4-Chlorotoluene
Concen: 47.08 ug/l
RT: 11.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	15.8	47.4





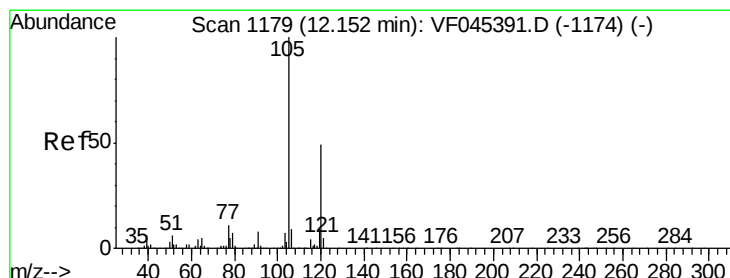
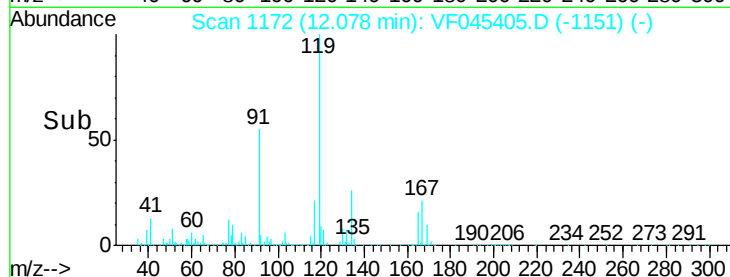
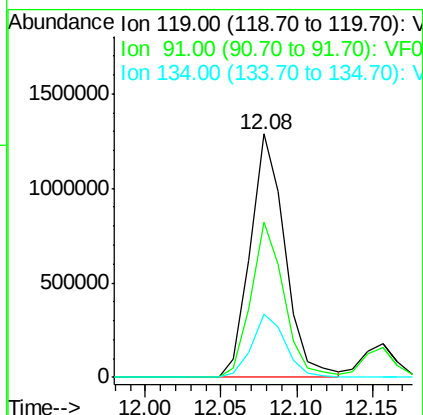
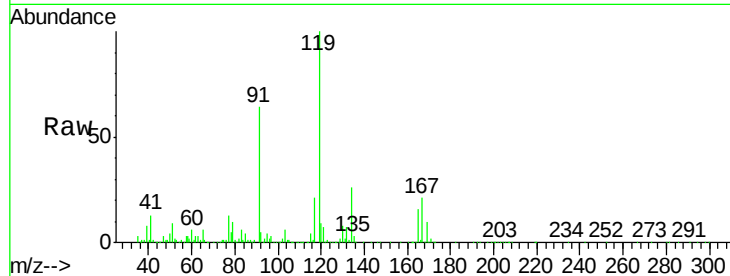
#82
tert-Butylbenzene
Concen: 47.25 ug/l
RT: 12.08 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.1	93.2
134	25.8	12.2	36.6

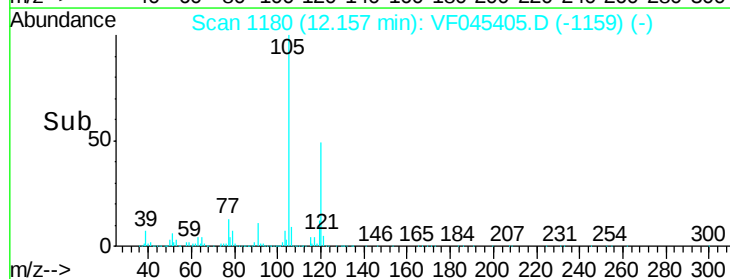
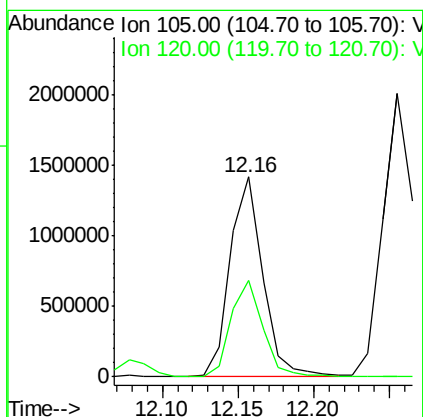
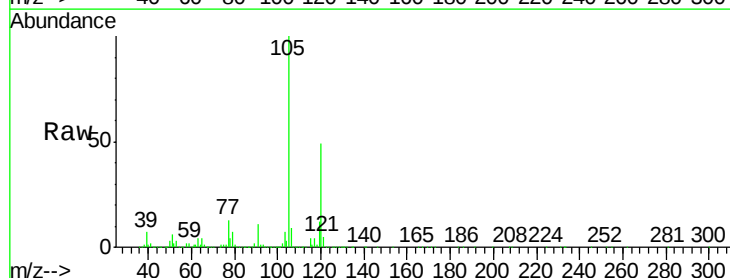
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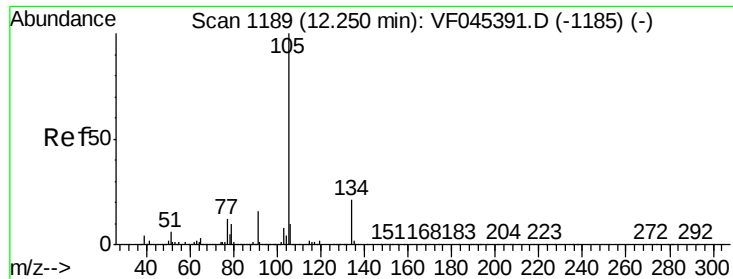
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#83
1,2,4-Trimethylbenzene
Concen: 47.34 ug/l
RT: 12.16 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	22.9	68.7





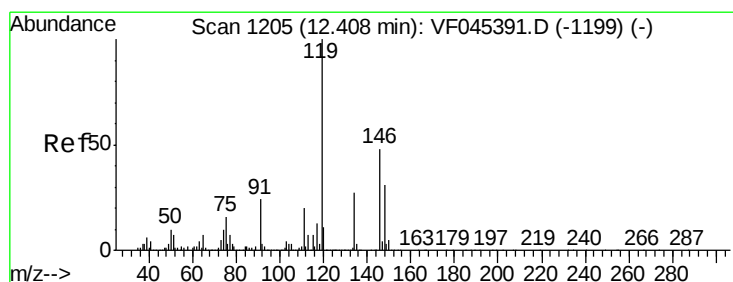
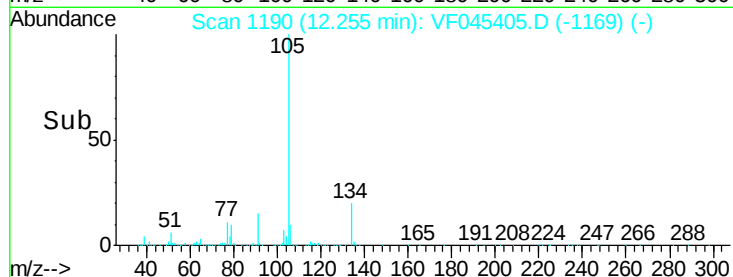
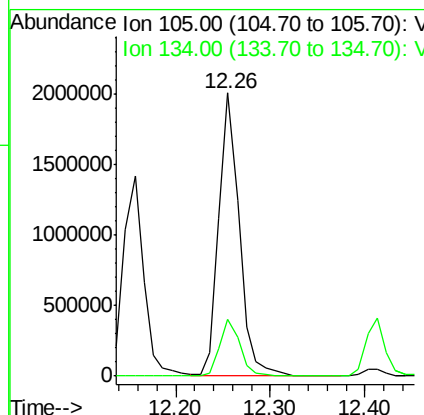
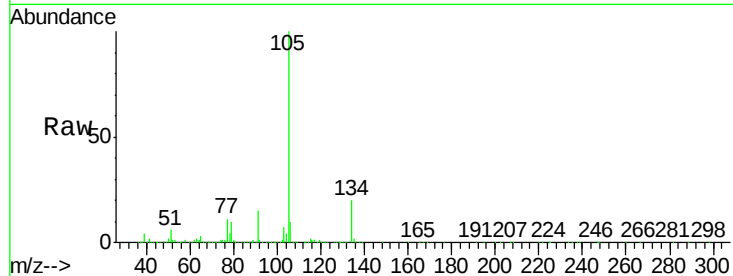
#84
 sec-Butylbenzene
 Concen: 49.86 ug/l
 RT: 12.26 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 3022184
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.6

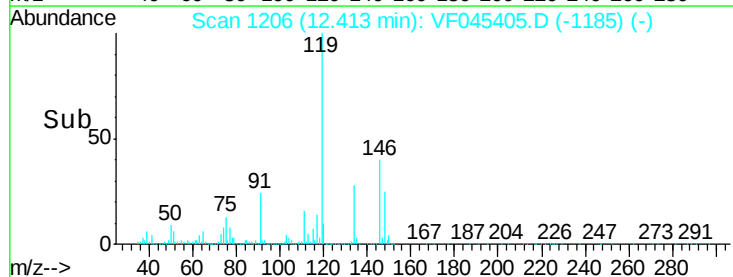
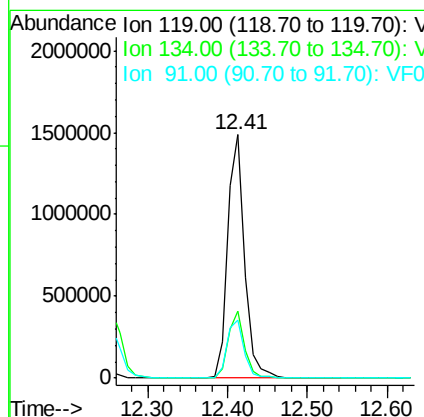
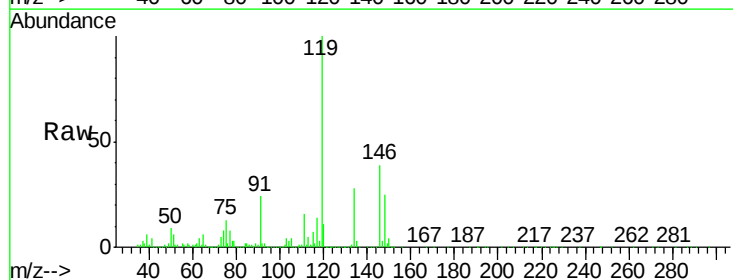
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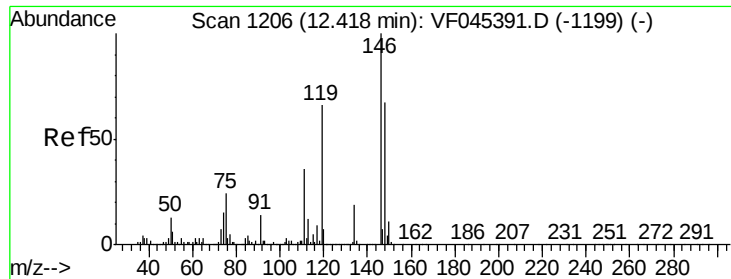
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#85
 p-Isopropyltoluene
 Concen: 47.27 ug/l
 RT: 12.41 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Tgt Ion:119 Resp: 2230545
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.0 38.9
 91 23.6 12.2 36.6





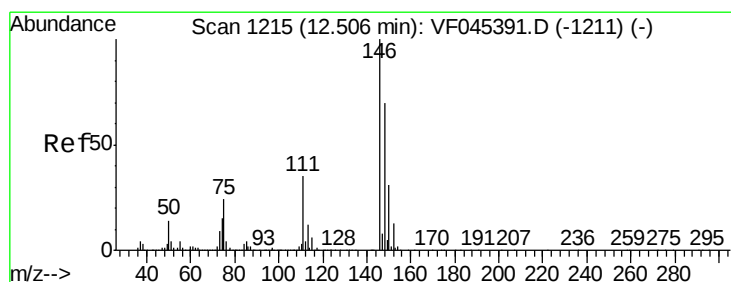
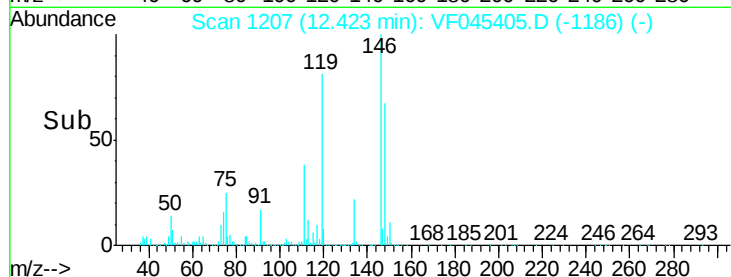
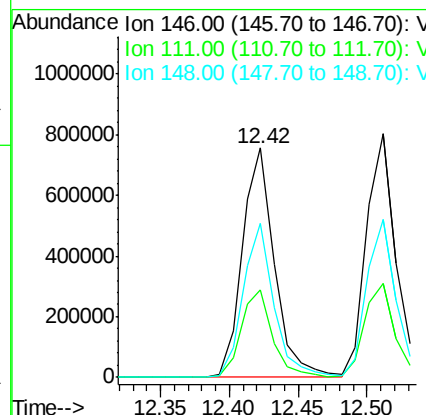
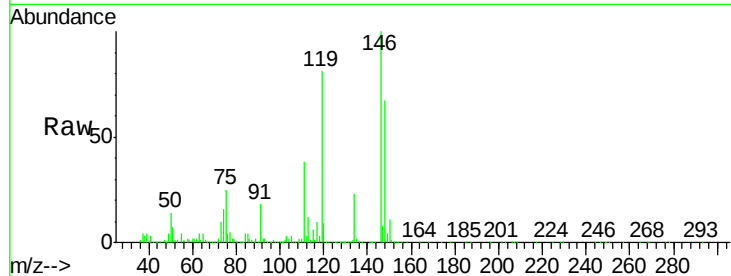
#86
 1,3-Dichlorobenzene
 Concen: 47.18 ug/l
 RT: 12.42 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.9	59.7
148	67.2	32.5	97.4

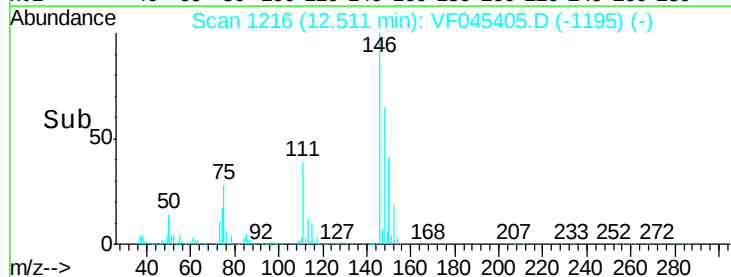
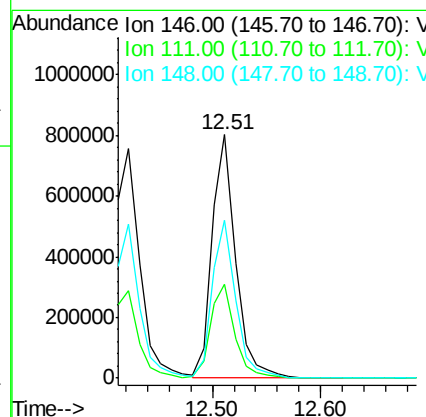
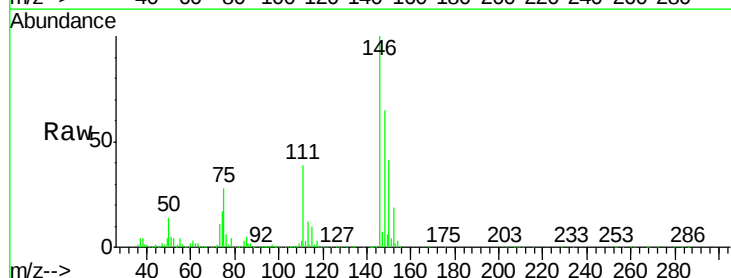
Manual Integrations
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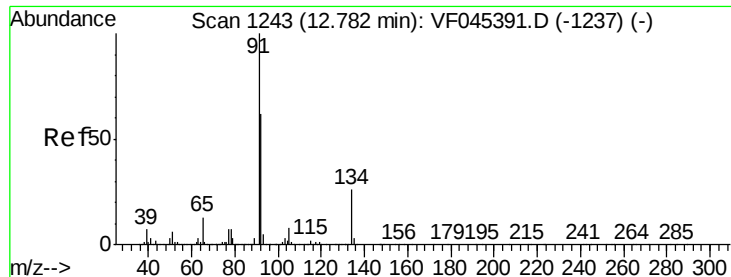
MMDadoda
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#87
 1,4-Dichlorobenzene
 Concen: 46.58 ug/l
 RT: 12.51 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	17.3	52.0
148	65.1	32.4	97.0





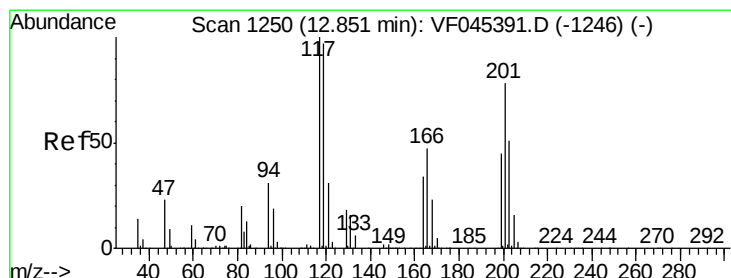
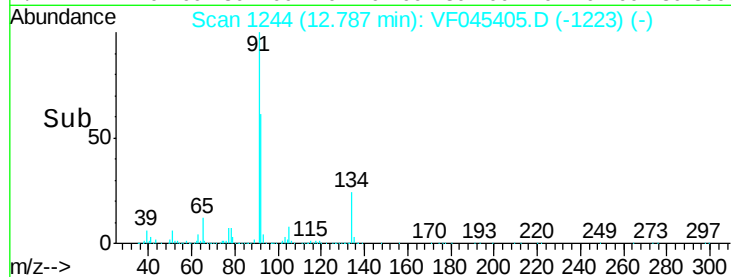
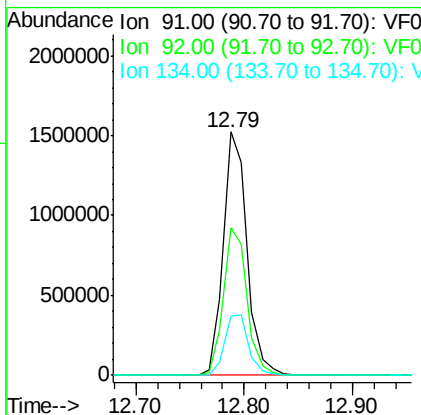
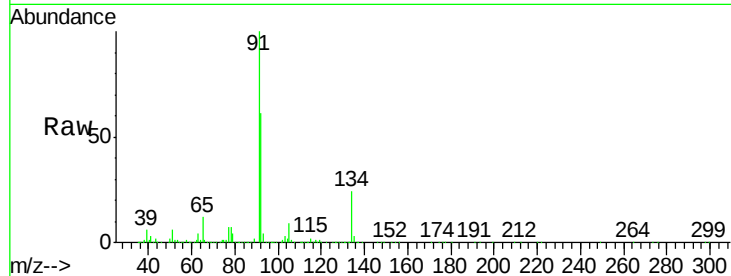
#88
n-Butylbenzene
Concen: 48.86 ug/l
RT: 12.79 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.9	30.1	90.5
134	24.4	13.8	41.4

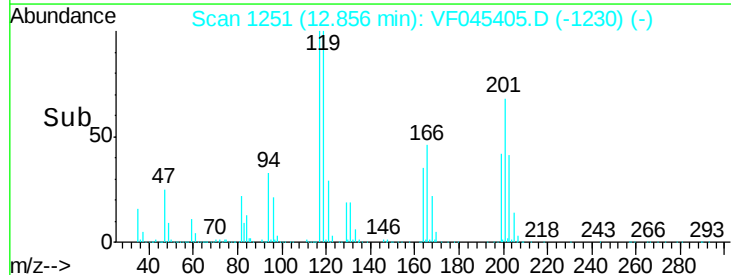
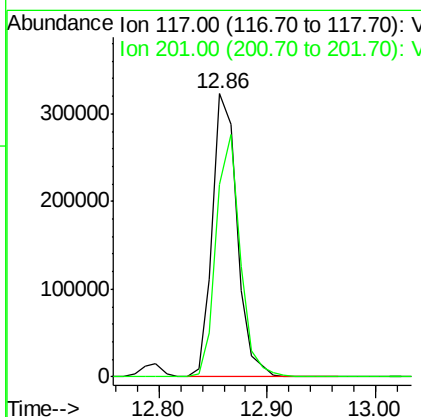
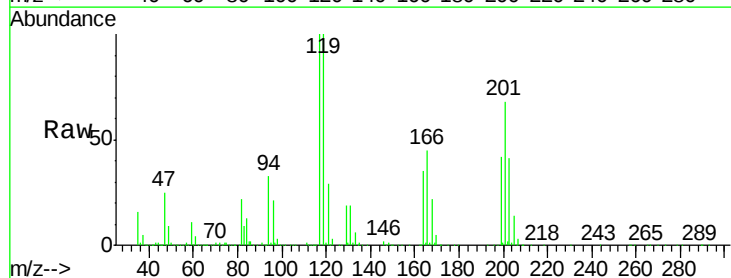
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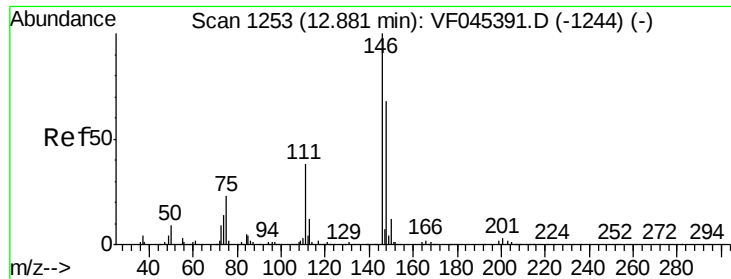
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#89
Hexachloroethane
Concen: 46.10 ug/l
RT: 12.86 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VF045405.D
Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.9	42.0	126.1





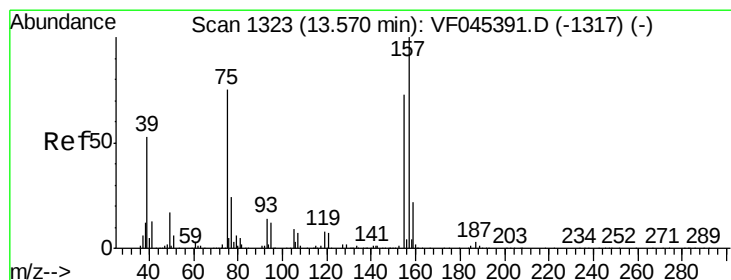
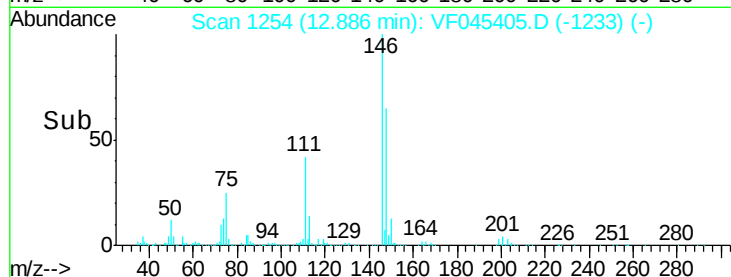
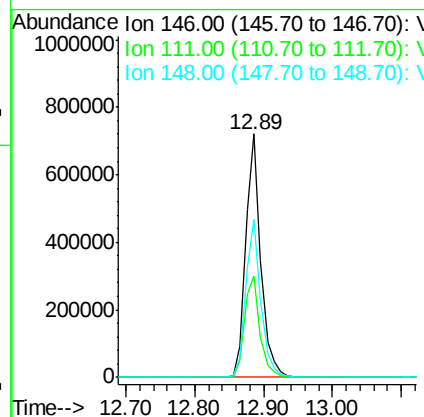
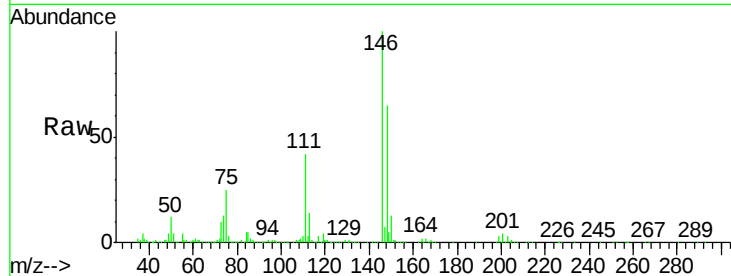
#90
 1,2-Dichlorobenzene
 Concen: 45.40 ug/l
 RT: 12.89 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.4	64.3
148	64.9	31.4	94.3

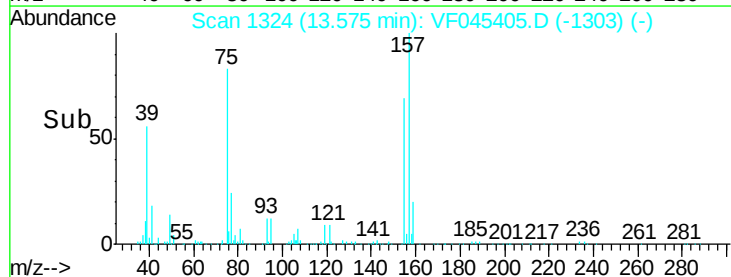
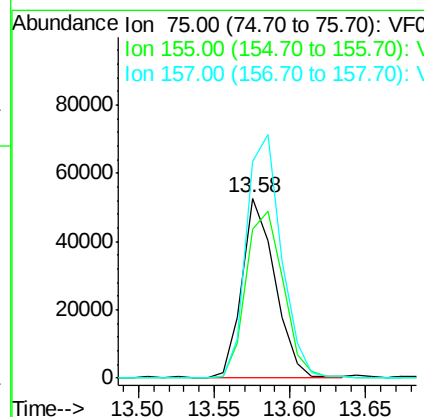
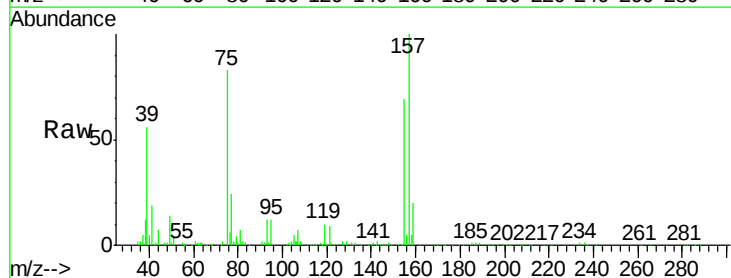
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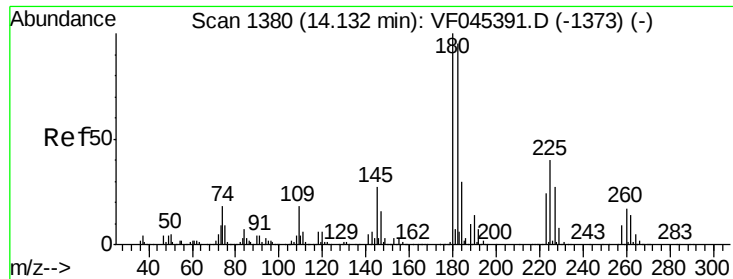
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#91
 1,2-Dibromo-3-Chloropropane
 Concen: 49.16 ug/l
 RT: 13.58 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	49.2	147.6
157	120.6	66.8	200.4





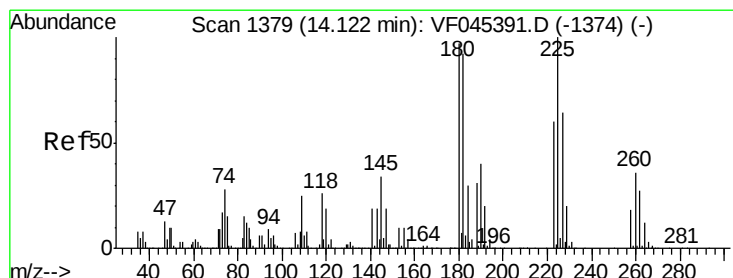
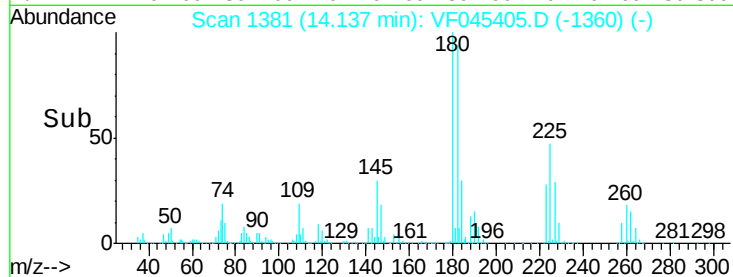
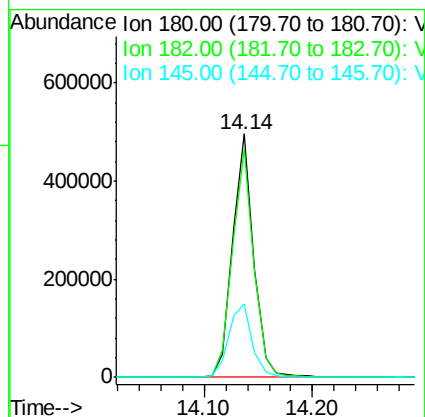
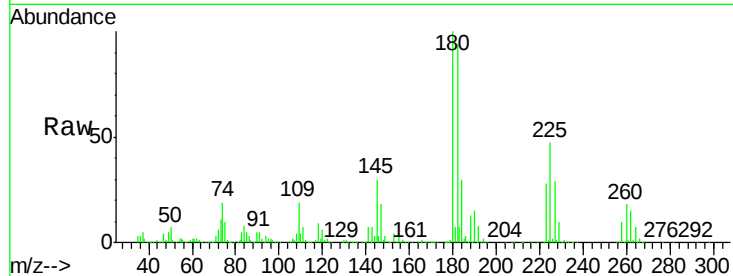
#92
 1,2,4-Trichlorobenzene
 Concen: 48.53 ug/l
 RT: 14.14 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	673730		
182	93.6	49.4	148.0	
145	30.3	16.7	50.1	

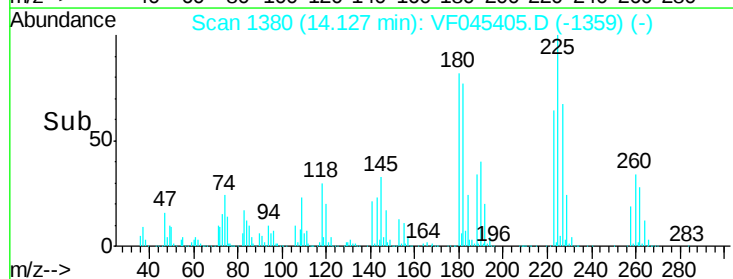
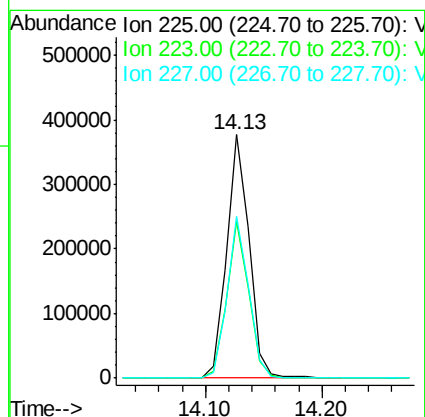
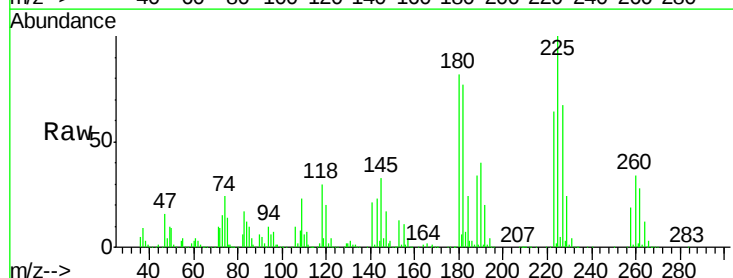
Manual Integrations
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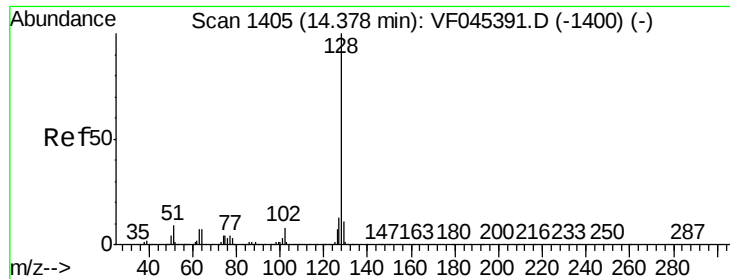
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#93
 Hexachlorobutadiene
 Concen: 47.72 ug/l
 RT: 14.13 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: VF045405.D
 Acq: 17 Sep 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	503295		
223	64.5	31.9	95.5	
227	66.6	32.9	98.7	





#94

Naphthalene

Concen: 47.05 ug/l

RT: 14.39 min Scan# 1407

Delta R.T. 0.02 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Instrument :

MSVOA_F

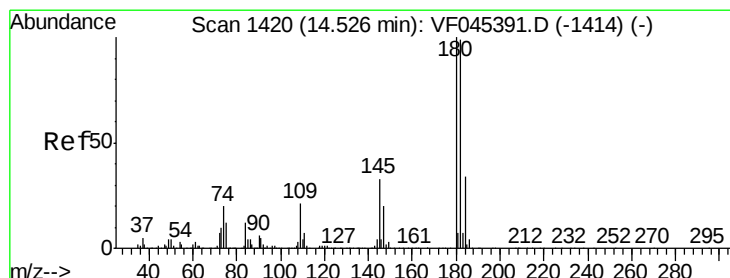
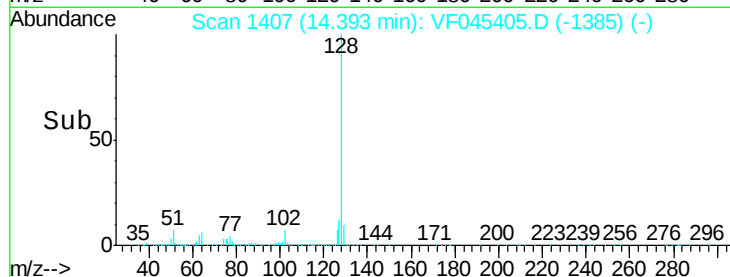
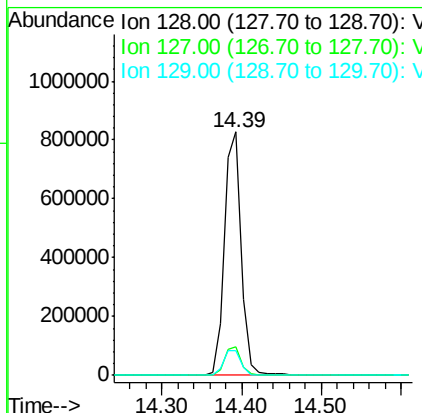
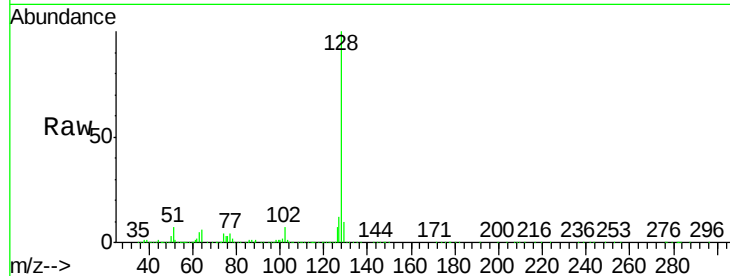
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1230861
Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.8	14.8
129	10.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/18/2015 12:28:44 PM



#95

1,2,3-Trichlorobenzene

Concen: 50.21 ug/l

RT: 14.53 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VF045405.D

Acq: 17 Sep 2015 12:15

Tgt Ion:	180	Resp:	572742
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.6	142.8
145	30.5	14.5	43.6

