

Data Path : W:\HPCHEM1\MSVOA_H\DATA\XH092215\
 Data File : VH057101.D
 Acq On : 22 Sep 2015 11:57
 Operator : SY/FY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_H/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2015 11:46:38 AM

Quant Time: Sep 23 04:43:55 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:34:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.82	168	958402	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.54	114	1745108	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.71	117	1268479	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	343068	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.78	65	694885	40.60	ug/l	-0.03
Spiked Amount 50.000	Range 66 - 150		Recovery =	81.20%		
35) Dibromofluoromethane	4.05	113	640564	46.10	ug/l	-0.03
Spiked Amount 50.000	Range 76 - 130		Recovery =	92.20%		
48) Toluene-d8	7.49	98	1764553	44.17	ug/l	-0.03
Spiked Amount 50.000	Range 78 - 121		Recovery =	88.34%		
62) 4-Bromofluorobenzene	11.34	95	548285	40.69	ug/l	-0.01
Spiked Amount 50.000	Range 70 - 131		Recovery =	81.38%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.93	85	538444	44.47	ug/l	98
3) Chloromethane	1.02	50	593786	38.93	ug/l	99
4) Vinyl Chloride	1.08	62	517945	41.09	ug/l	95
5) Bromomethane	1.26	94	285322	51.85	ug/l	99
6) Chloroethane	1.34	64	252703	49.19	ug/l	97
7) Trichlorofluoromethane	1.40	101	496100m	42.08	ug/l	
8) Tert butyl alcohol	2.53	59	648204	210.95	ug/l #	96
9) Diethyl Ether	1.60	74	271972	46.66	ug/l	65
10) Diisopropyl ether	2.76	45	1744653	40.83	ug/l	96
11) 1,1-Dichloroethene	1.74	96	428489	48.47	ug/l	90
12) Methyl Iodide	1.85	142	838995	53.84	ug/l	87
13) Acrolein	1.96	56	361874	196.93	ug/l	91
14) 1,1,2-Trichlorotrifluoroet	1.78	101	411803	47.81	ug/l	91
15) Acrylonitrile	2.89	53	1263210	225.41	ug/l	97
16) Allyl Chloride	2.06	41	769283	42.21	ug/l	95
17) Acetone	2.20	43	1582434	220.77	ug/l	100
18) Carbon Disulfide	1.76	76	1209407	46.38	ug/l	97
19) Methyl Acetate	2.30	43	1920537	43.12	ug/l	96
20) Methyl tert-butyl Ether	2.39	73	1677644	47.39	ug/l	94
21) Methylene Chloride	2.14	84	477812m	49.39	ug/l	
22) trans-1,2-Dichloroethene	2.27	96	474458	48.82	ug/l	90
23) Vinyl Acetate	3.14	43	4435655	219.36	ug/l	97
24) 1,1-Dichloroethane	2.82	63	902277	42.88	ug/l	98
25) 2-Butanone	4.28	43	3532055	222.16	ug/l	96
26) 2,2-Dichloropropane	3.55	77	629632	47.67	ug/l	97
27) cis-1,2-Dichloroethene	3.43	96	690236	50.85	ug/l	89
28) Bromochloromethane	3.66	128	254383	56.10	ug/l	77
29) Chloroform	3.80	83	1177524	47.35	ug/l	97
30) Cyclohexane	3.64	56	741190	43.97	ug/l	91
31) Tetrahydrofuran	4.02	42	1869868	209.54	ug/l #	87
32) 1,1,1-Trichloroethane	4.04	97	816423	45.60	ug/l	97
36) 1,1-Dichloropropene	4.23	75	871198	45.44	ug/l	94
37) Ethyl acetate	4.05	43	1592392	44.24	ug/l #	54
38) Carbon Tetrachloride	3.94	117	702848	47.08	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.58	78	2193755	48.05	ug/l	100
40) Methacrylonitrile	4.68	41	723382	45.40	ug/l	88
41) 1,2-Dichloroethane	4.89	62	884669	43.90	ug/l #	94
42) Isopropyl Acetate	5.43	43	1992395	42.39	ug/l #	93
43) Trichloroethene	5.46	130	600947	51.79	ug/l	90
44) Methylcyclohexane	5.41	83	535209	48.43	ug/l	96
45) 1,2-Dichloropropane	6.18	63	628911	43.45	ug/l	96
46) Dibromomethane	6.03	93	443272	47.09	ug/l	94
47) Bromodichloromethane	6.33	83	896280	46.48	ug/l	96
49) 4-Methyl-2-Pentanone	8.19	43	6041399	212.20	ug/l	100
50) Toluene	7.57	92	1412034	48.30	ug/l	99
51) t-1,3-Dichloropropene	8.21	75	1053402	47.65	ug/l	98
52) Methyl Methacrylate	6.66	69	674898	47.11	ug/l	95
53) 1,4-Dioxane	6.65	88	172692	1027.82	ug/l	97
54) cis-1,3-Dichloropropene	7.24	75	1090986	46.47	ug/l	95
55) 1,1,2-Trichloroethane	8.42	97	611261	49.25	ug/l	98
56) Ethyl Methacrylate	8.56	69	1160833	47.36	ug/l	95
57) 1,3-Dichloropropane	8.78	76	1136927	45.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.24	63	2653383	218.94	ug/l	91
59) 2-Hexanone	9.42	43	4551387	204.60	ug/l	100
60) Dibromochloromethane	8.64	129	678522	48.22	ug/l	98
61) 1,2-Dibromoethane	8.91	107	720505	50.45	ug/l	94
64) Tetrachloroethene	8.10	164	400347	55.70	ug/l	99
65) Chlorobenzene	9.73	112	1418726	51.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.85	131	489633	51.41	ug/l	93
67) Ethyl Benzene	9.83	106	630969	47.76	ug/l	92
68) m/p-Xylenes	10.06	106	1599215	99.51	ug/l	94
69) o-Xylene	10.64	106	789579	51.17	ug/l	98
70) Styrene	10.72	104	1359076	50.43	ug/l	99
71) Bromoform	10.71	173	462130	56.71	ug/l	91
73) Isopropylbenzene	11.06	105	1609850	51.38	ug/l	99
74) n-Amyl Acetate	11.31	43	1723412	51.77	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.64	83	892200	54.32	ug/l	98
76) 1,2,3-Trichloropropane	11.73	75	688907	53.46	ug/l	93
77) Bromobenzene	11.42	156	496699	55.70	ug/l	89
78) n-propylbenzene	11.53	91	1629524	48.65	ug/l	98
79) 2-Chlorotoluene	11.66	91	972854	48.14	ug/l	96
80) 1,3,5-Trimethylbenzene	11.76	105	985141	48.12	ug/l	96
81) trans-1,4-Dichloro-2-Buten	11.81	75	531135	56.55	ug/l	94
82) 4-Chlorotoluene	11.84	91	1207306	49.46	ug/l	98
83) tert-Butylbenzene	12.06	119	932932	48.27	ug/l	96
84) 1,2,4-Trimethylbenzene	12.14	105	979501	46.36	ug/l	93
85) sec-Butylbenzene	12.24	105	987007	47.75	ug/l	97
86) p-Isopropyltoluene	12.39	119	755259	48.13	ug/l	96
87) 1,3-Dichlorobenzene	12.41	146	561579	52.78	ug/l	98
88) 1,4-Dichlorobenzene	12.49	146	579622	52.60	ug/l	99
89) n-Butylbenzene	12.77	91	601127	47.92	ug/l	93
90) Hexachloroethane	12.85	117	150597	45.33	ug/l	78
91) 1,2-Dichlorobenzene	12.87	146	501171	52.28	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.57	75	101760	55.24	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.12	180	111557	51.76	ug/l	88
94) Hexachlorobutadiene	14.11	225	59489	59.98	ug/l	92
95) Naphthalene	14.38	128	455143	52.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.52	180	75967	51.54	ug/l	88

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

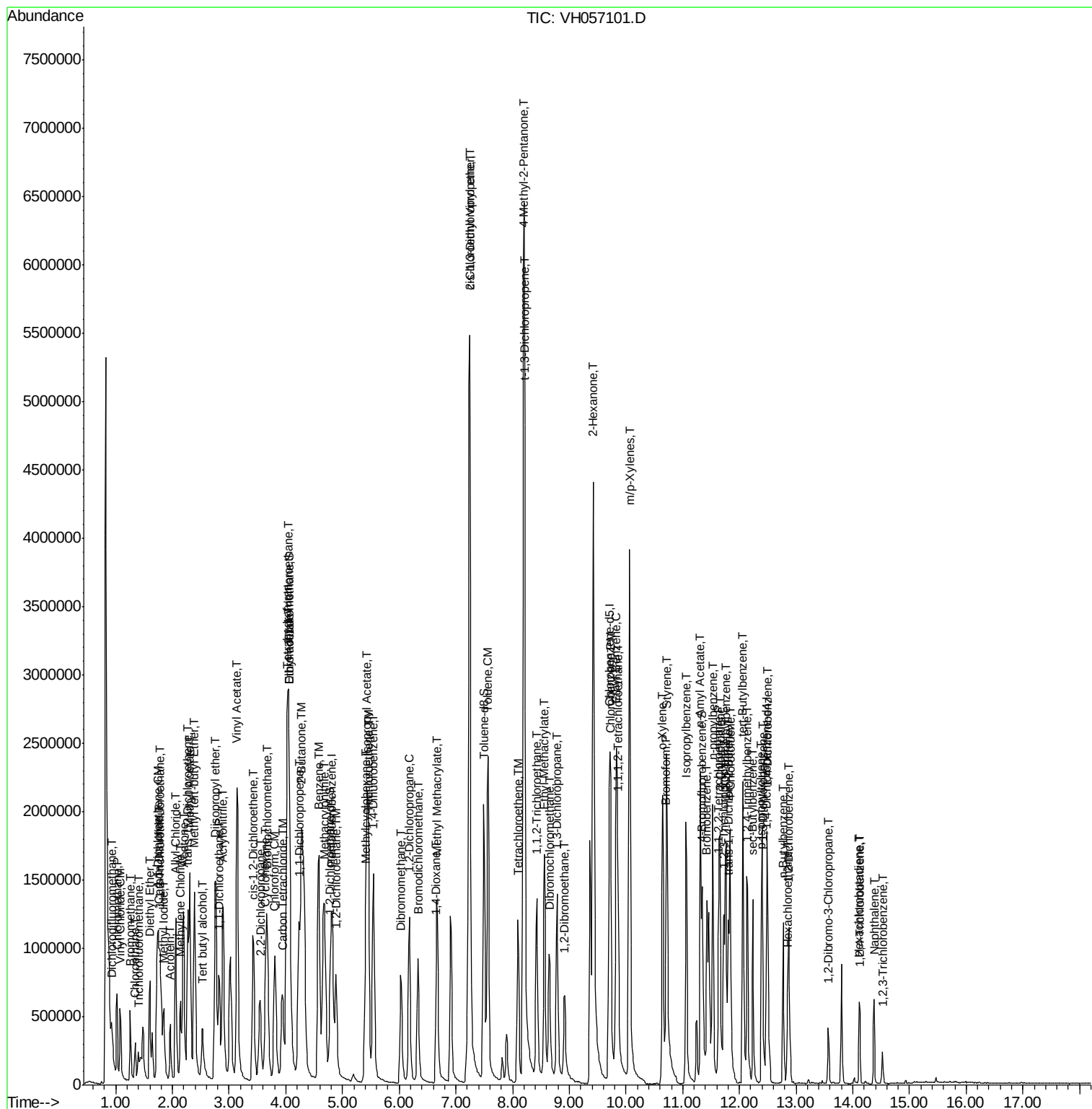
Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
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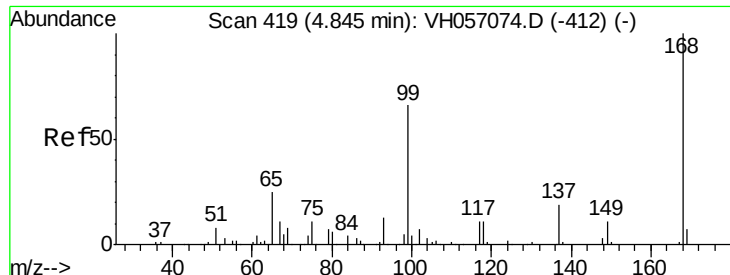
Instrument :
MSVOA_H
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Manual Integrations APPROVED

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 416

Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 958402

Ion Ratio Lower Upper

168 100

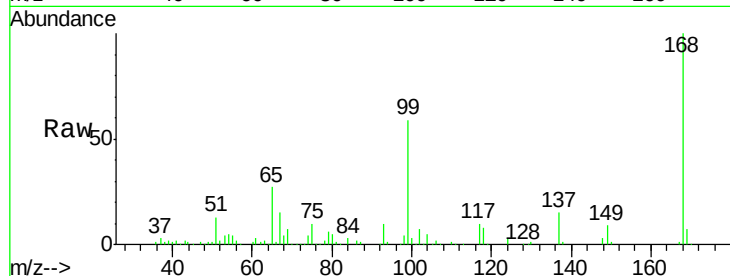
99 58.8 55.8 83.6

Manual Integrations

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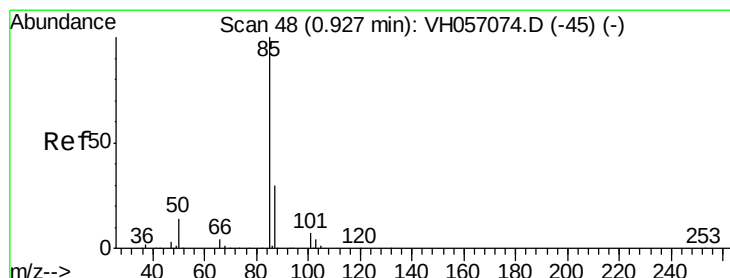
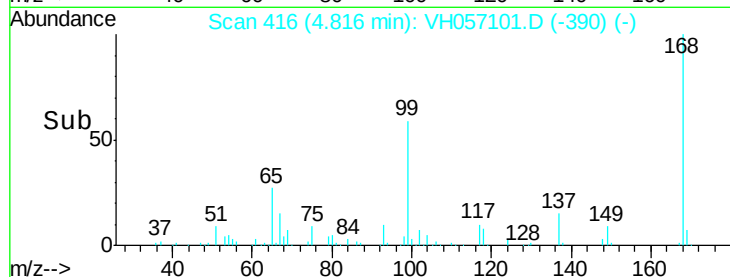
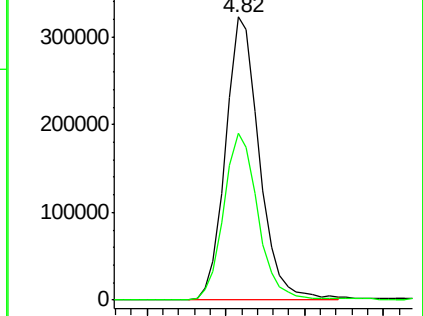
MMDadoda

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHC



#2

Dichlorodifluoromethane

Concen: 44.47 ug/l

RT: 0.93 min Scan# 48

Delta R.T. 0.00 min

Lab File: VH057101.D

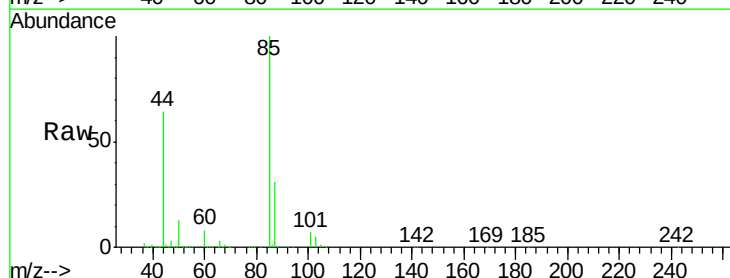
Acq: 22 Sep 2015 11:57

Tgt Ion: 85 Resp: 538444

Ion Ratio Lower Upper

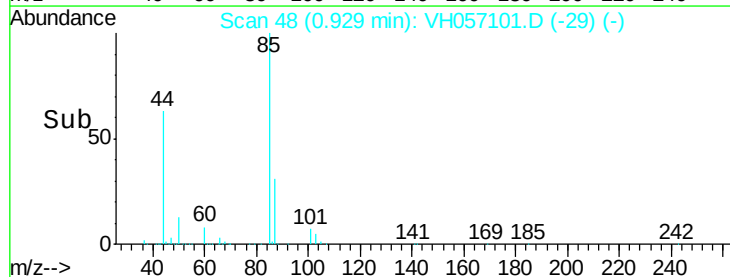
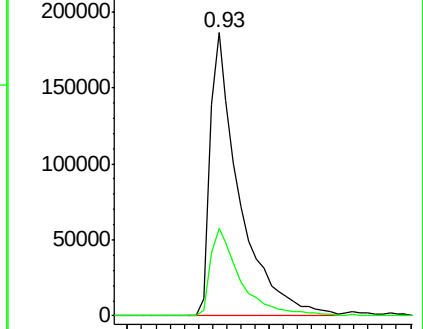
85 100

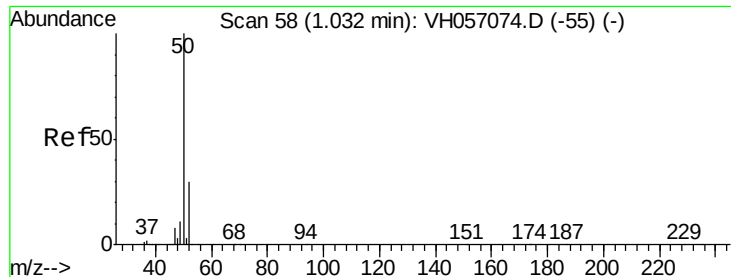
87 30.7 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VHC

Ion 87.00 (86.70 to 87.70): VHC





#3

Chloromethane

Concen: 38.93 ug/l

RT: 1.02 min Scan# 57

Delta R.T. -0.01 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 593786

Ion Ratio Lower Upper

50 100

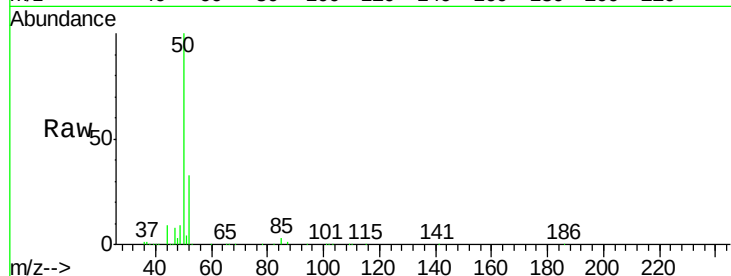
52 32.8 25.8 38.8

Manual Integrations

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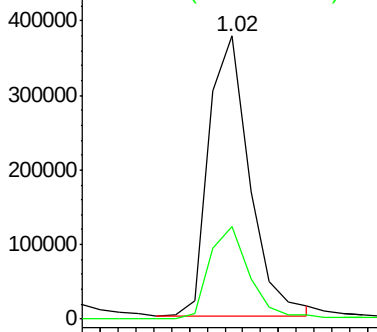
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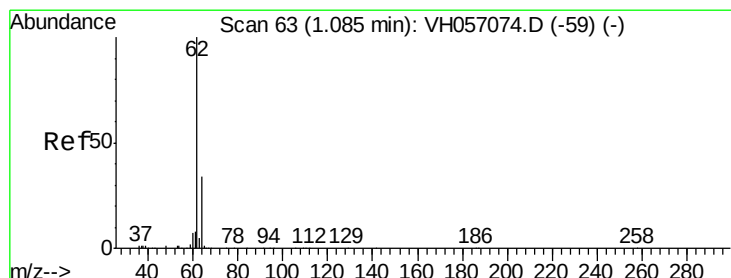
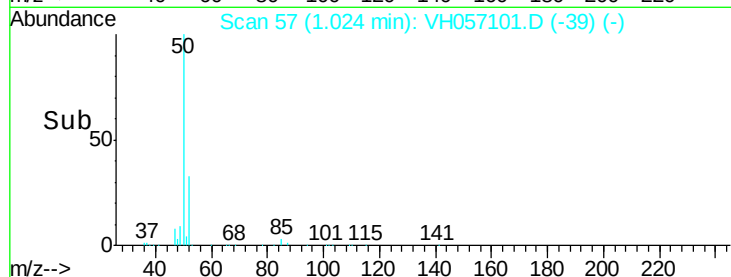


Abundance Ion 50.00 (49.70 to 50.70): VH0

Ion 52.00 (51.70 to 52.70): VH0



Time-->



#4

Vinyl Chloride

Concen: 41.09 ug/l

RT: 1.08 min Scan# 62

Delta R.T. -0.01 min

Lab File: VH057101.D

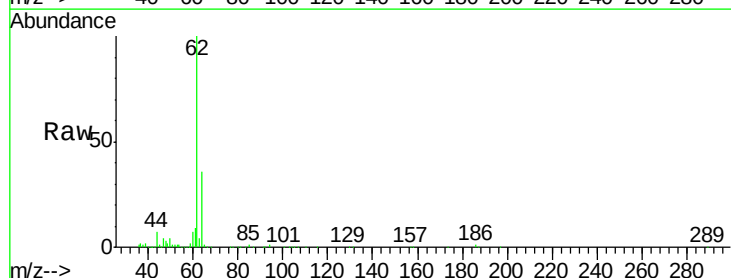
Acq: 22 Sep 2015 11:57

Tgt Ion: 62 Resp: 517945

Ion Ratio Lower Upper

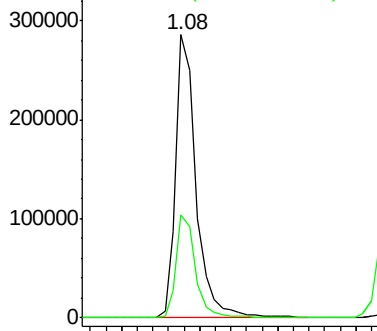
62 100

64 36.2 26.6 40.0

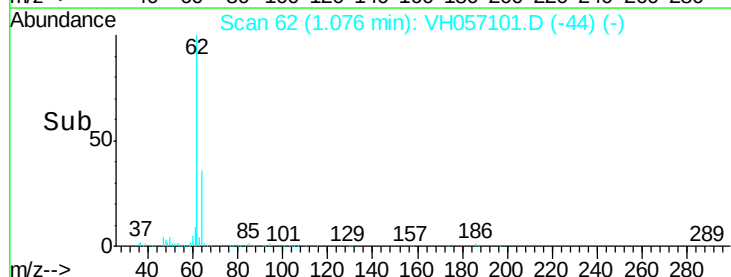


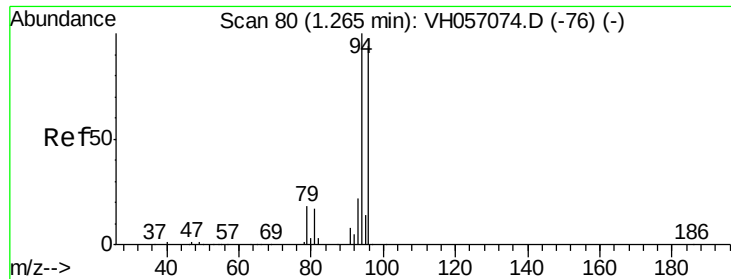
Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 64.00 (63.70 to 64.70): VH0



Time-->





#5

Bromomethane

Concen: 51.85 ug/l

RT: 1.26 min Scan# 79

Delta R.T. -0.01 min

Lab File: VH057101.D

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Tgt Ion: 94 Resp: 285322

Ion Ratio Lower Upper

94 100

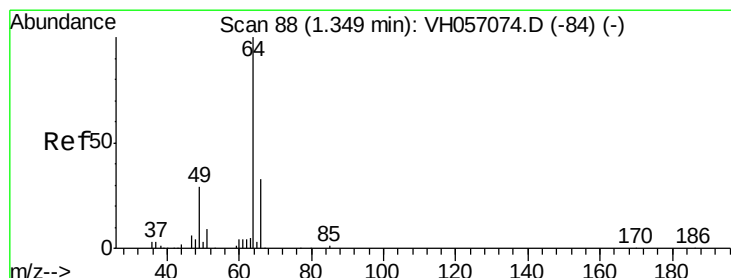
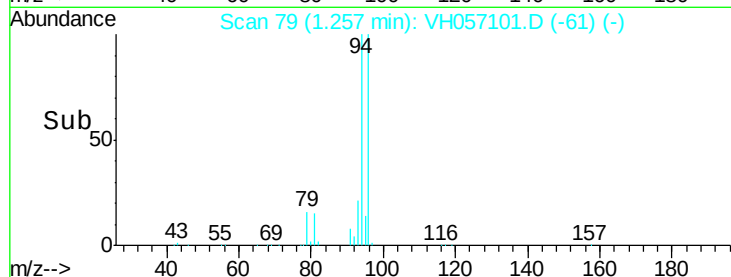
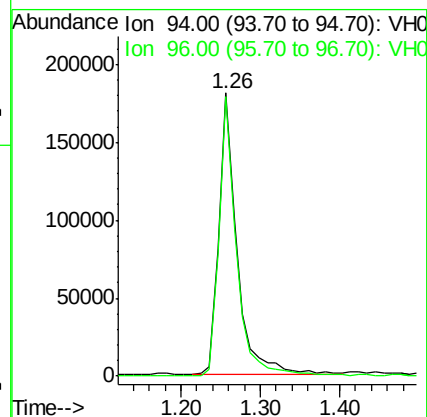
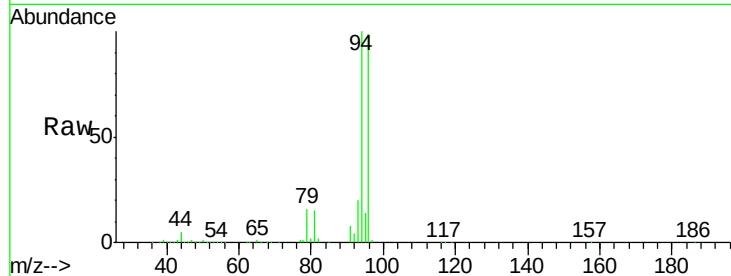
96 98.9 78.5 117.7

Manual Integrations

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#6

Chloroethane

Concen: 49.19 ug/l

RT: 1.34 min Scan# 87

Delta R.T. -0.01 min

Lab File: VH057101.D

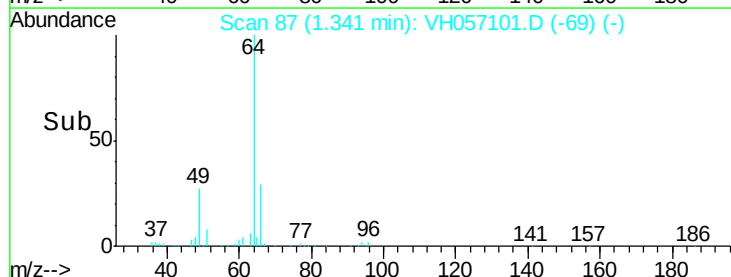
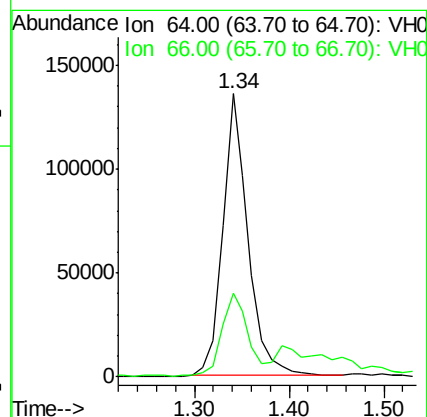
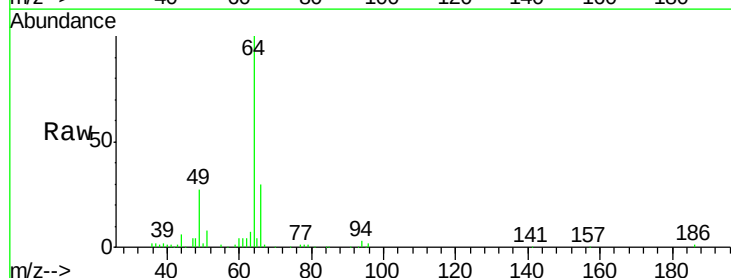
Acq: 22 Sep 2015 11:57

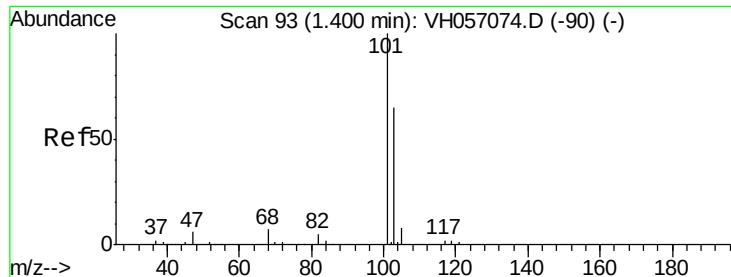
Tgt Ion: 64 Resp: 252703

Ion Ratio Lower Upper

64 100

66 29.7 25.2 37.8





#7

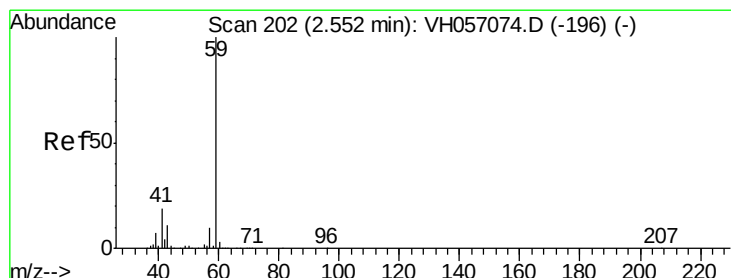
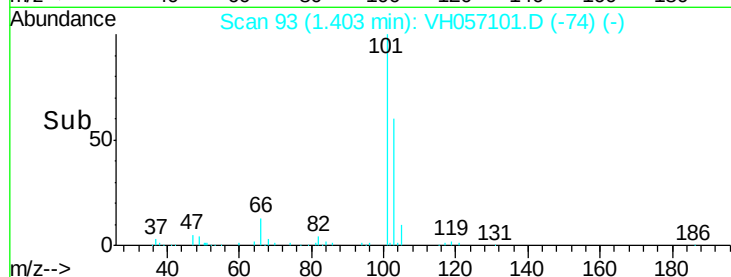
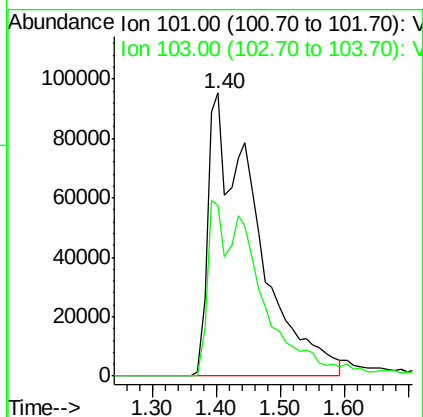
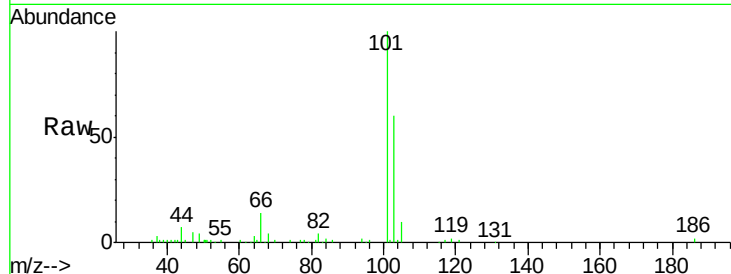
Trichlorofluoromethane
Concen: 42.08 ug/l m
RT: 1.40 min Scan# 93
Delta R.T. 0.00 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
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VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	496100		
103	60.2	54.9	82.3	

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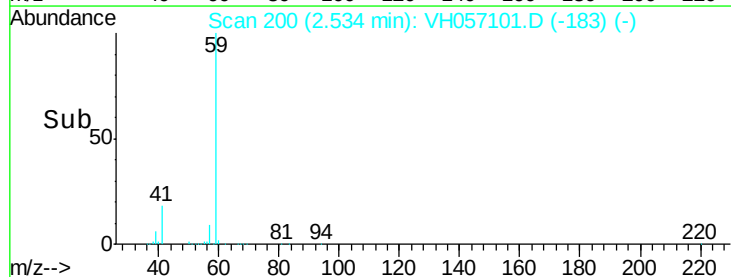
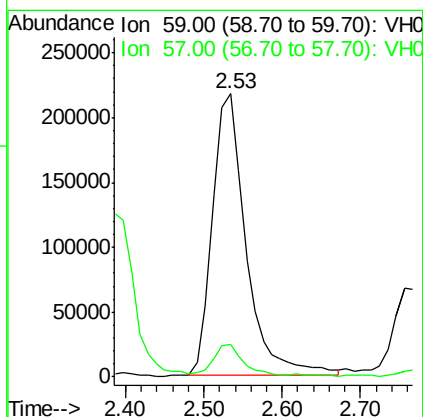
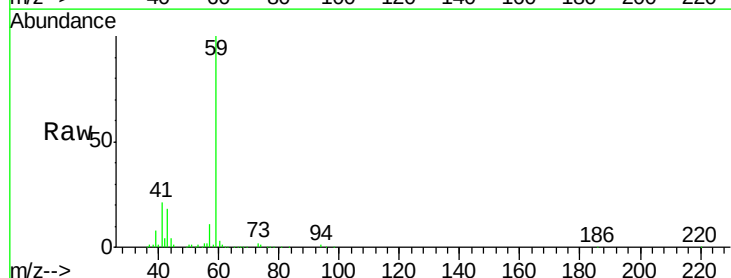
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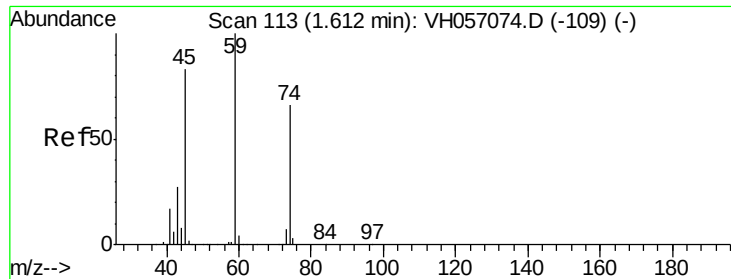


#8

Tert butyl alcohol
Concen: 210.95 ug/l
RT: 2.53 min Scan# 200
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	648204		
57	11.5	9.0	11.0	#





#9

Diethyl Ether

Concen: 46.66 ug/l

RT: 1.60 min Scan# 112

Delta R.T. -0.01 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 74 Resp: 271972

Ion Ratio Lower Upper

74 100

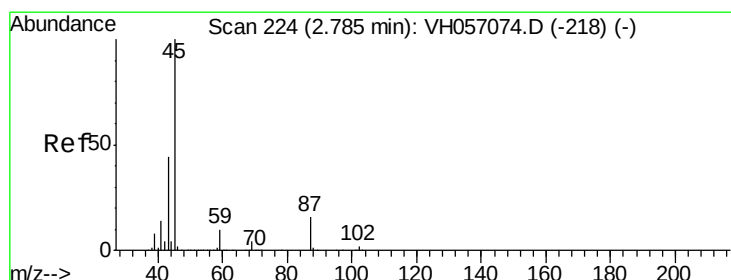
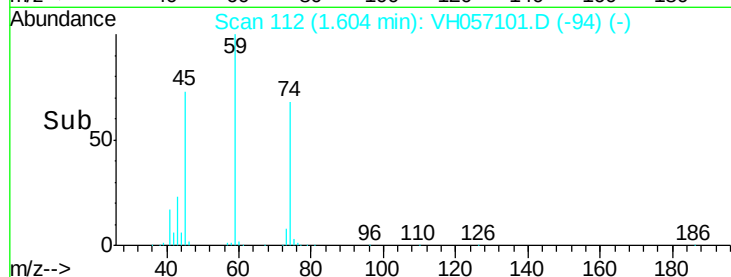
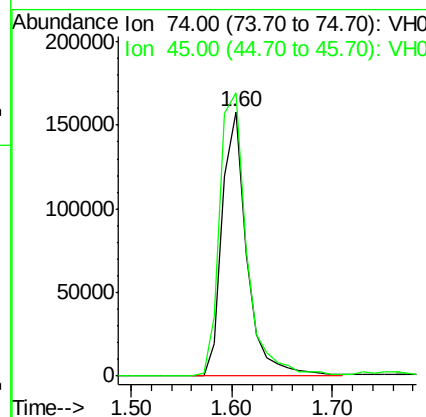
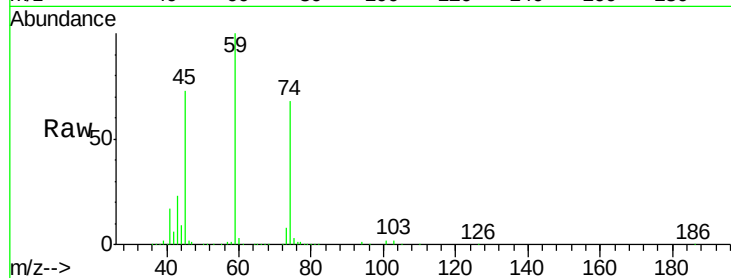
45 107.0 0.0 304.4

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#10

Diisopropyl ether

Concen: 40.83 ug/l

RT: 2.76 min Scan# 221

Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion: 45 Resp: 1744653

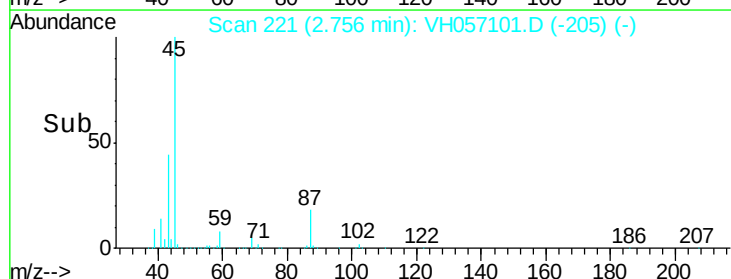
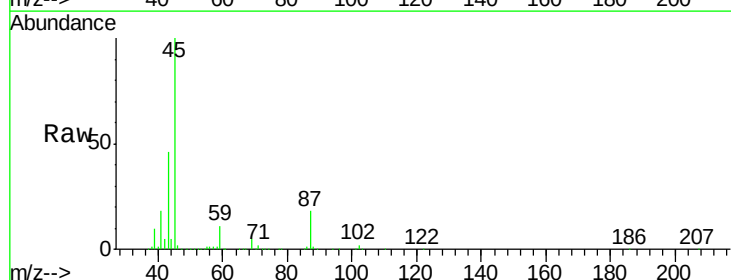
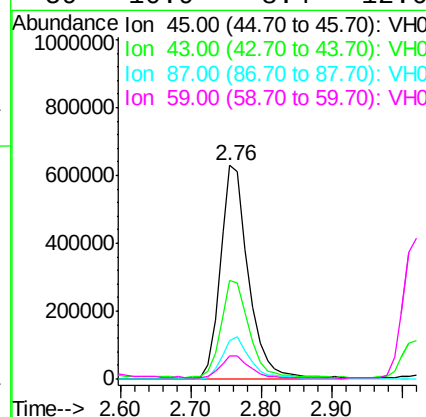
Ion Ratio Lower Upper

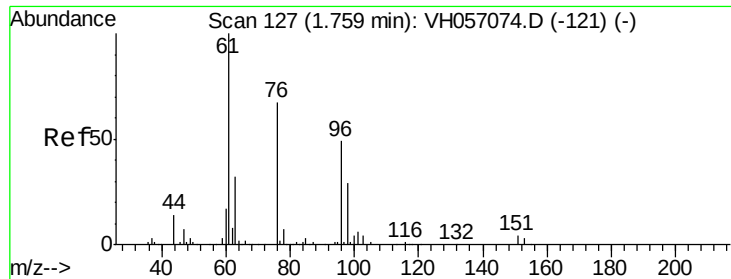
45 100

43 46.2 34.6 52.0

87 18.0 12.6 19.0

59 10.9 8.4 12.6





#11

1,1-Dichloroethene

Concen: 48.47 ug/l

RT: 1.74 min Scan# 125

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 428489

Ion Ratio Lower Upper

96 100

61 179.6 158.4 237.6

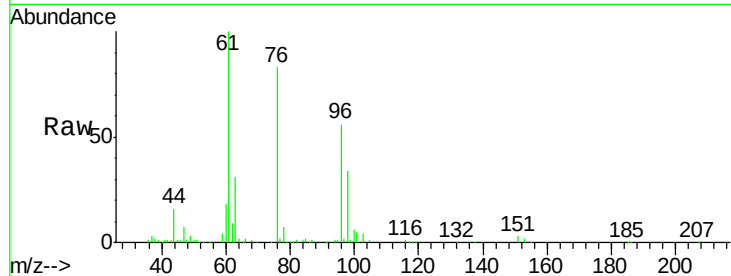
98 60.6 50.6 75.8

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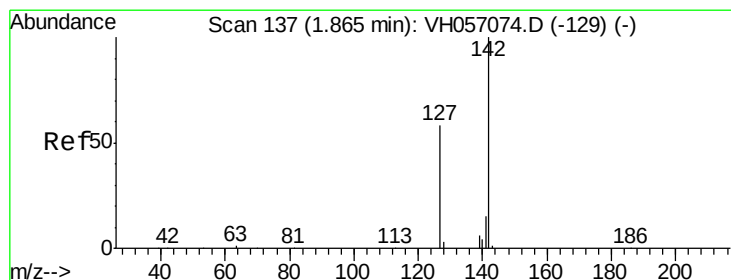
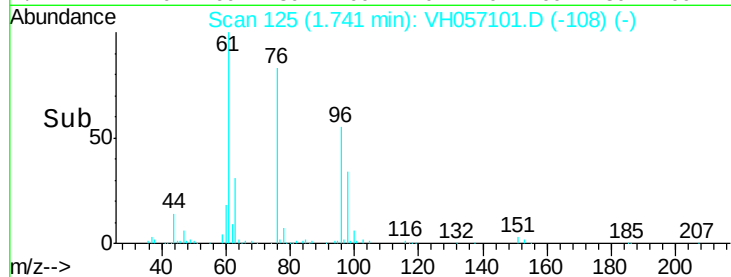
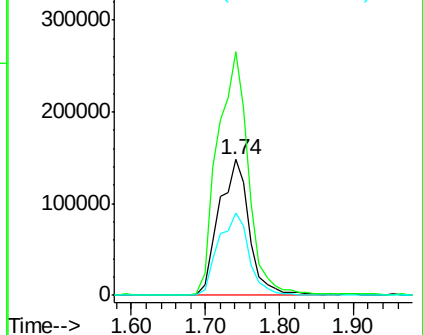
9/23/2015 11:46:38 AM



Abundance Ion 96.00 (95.70 to 96.70): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 98.00 (97.70 to 98.70): VH0



#12

Methyl Iodide

Concen: 53.84 ug/l

RT: 1.85 min Scan# 135

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

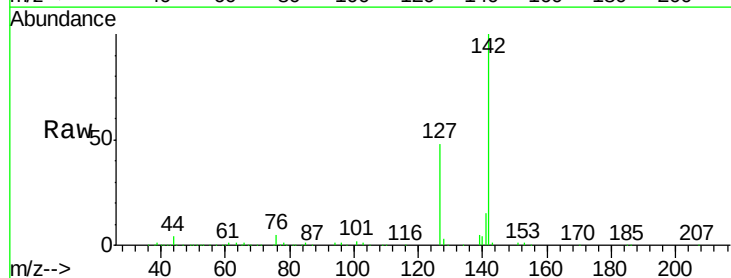
Tgt Ion: 142 Resp: 838995

Ion Ratio Lower Upper

142 100

127 48.4 30.0 90.1

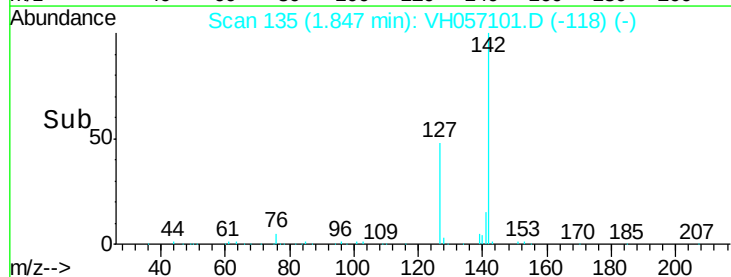
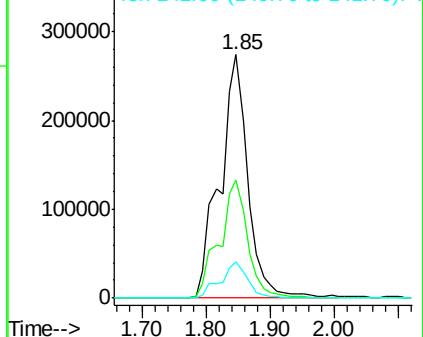
141 14.7 7.1 21.4

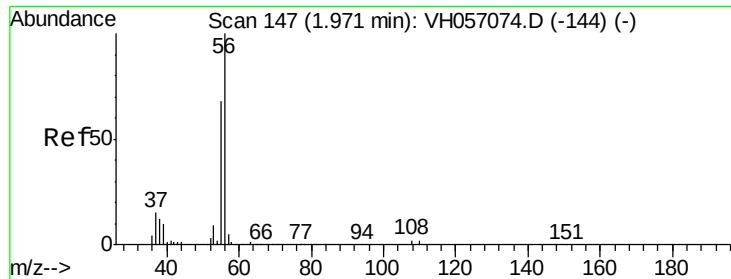


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#13

Acrolein

Concen: 196.93 ug/l

RT: 1.96 min Scan# 146

Delta R.T. -0.01 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 361874

Ion Ratio Lower Upper

56 100

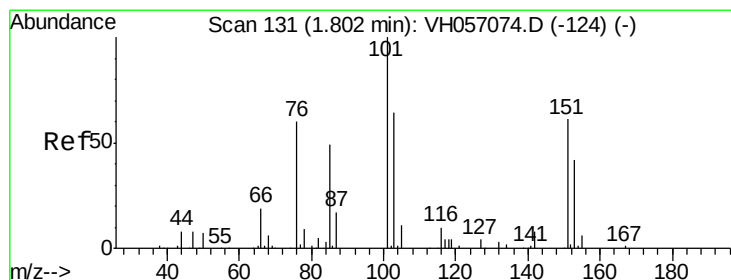
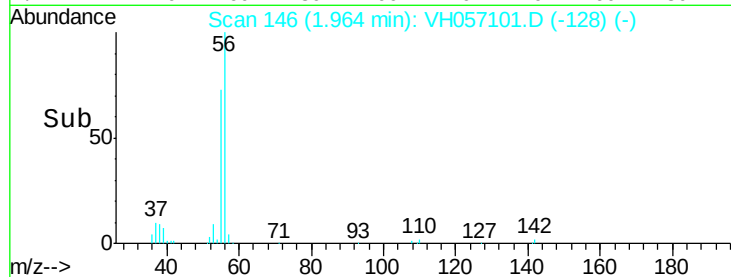
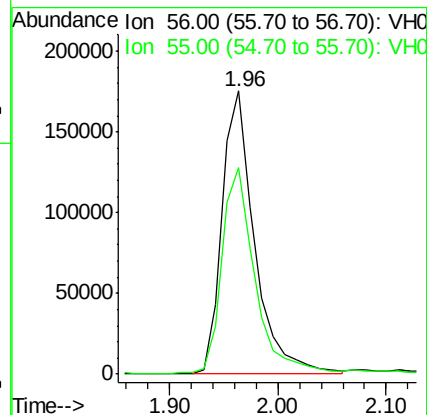
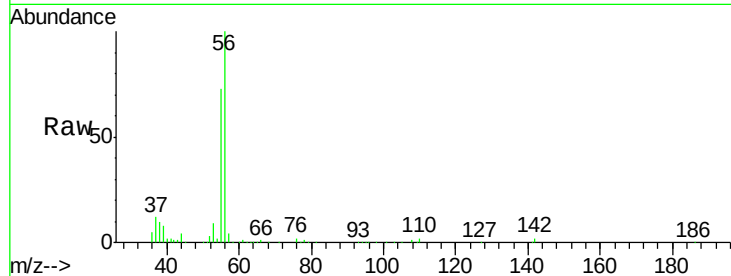
55 73.0 52.9 79.3

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#14

1,1,2-Trichlorotrifluoroethane

Concen: 47.81 ug/l

RT: 1.78 min Scan# 129

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

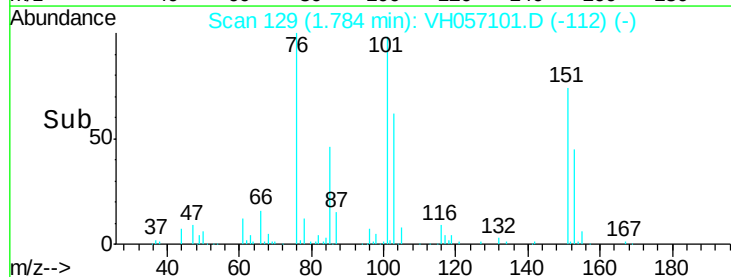
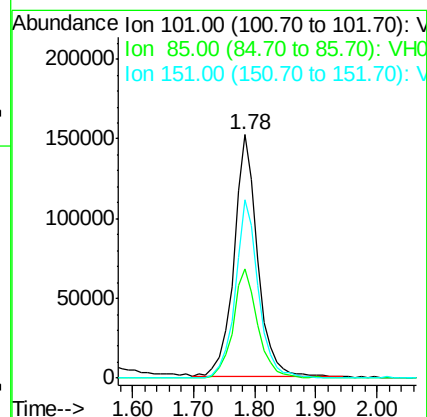
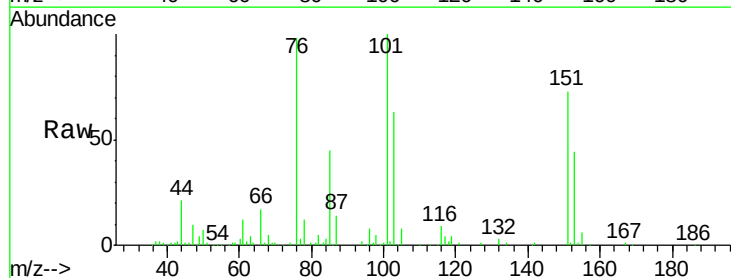
Tgt Ion: 101 Resp: 411803

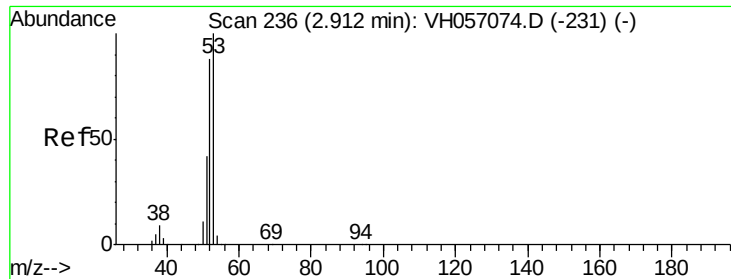
Ion Ratio Lower Upper

101 100

85 44.9 37.9 56.9

151 73.0 50.6 76.0





#15

Acrylonitrile

Concen: 225.41 ug/l

RT: 2.89 min Scan# 234

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 1263210

Ion Ratio Lower Upper

53 100

52 87.1 67.6 101.4

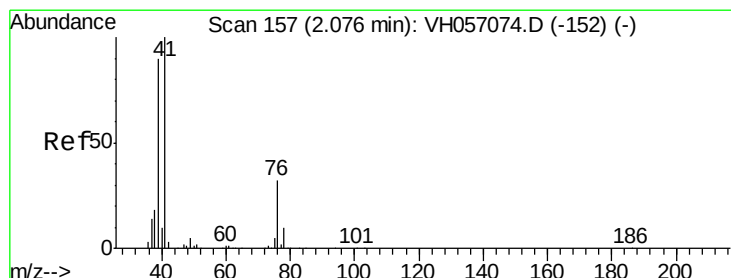
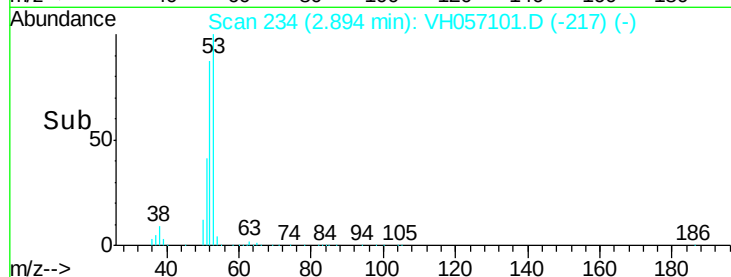
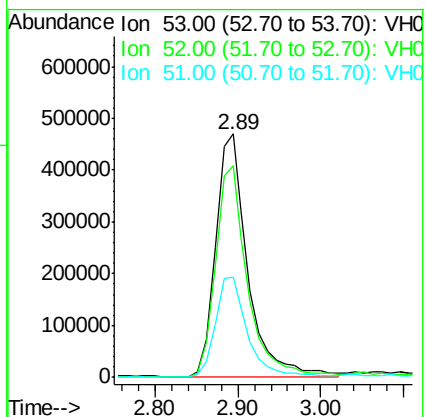
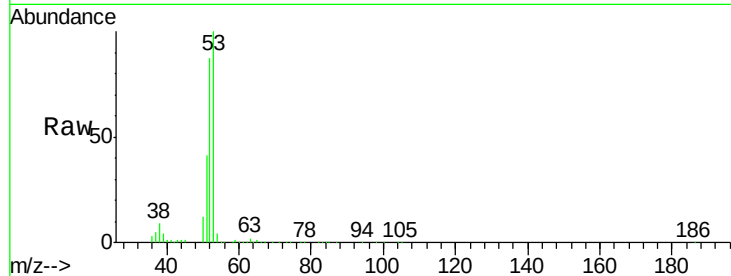
51 41.2 31.8 47.6

Manual Integrations

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#16

Allyl Chloride

Concen: 42.21 ug/l

RT: 2.06 min Scan# 155

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

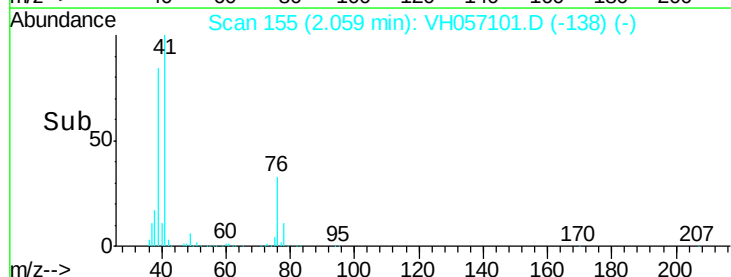
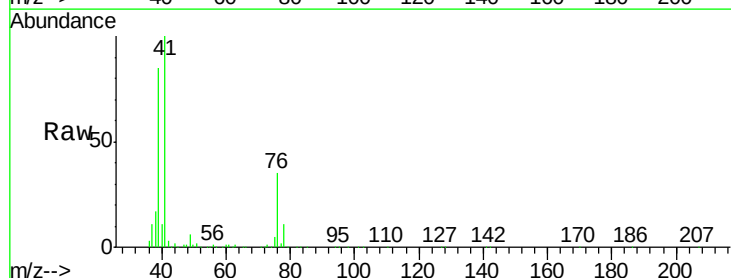
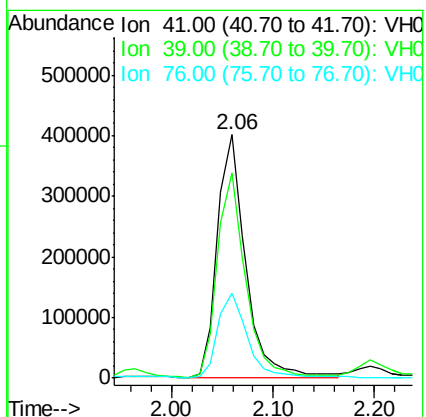
Tgt Ion: 41 Resp: 769283

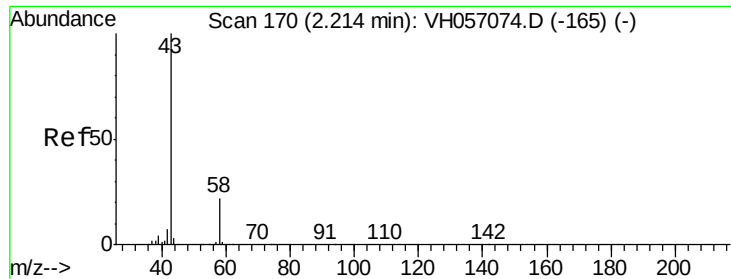
Ion Ratio Lower Upper

41 100

39 84.5 41.0 123.2

76 35.0 14.3 42.9





#17

Acetone

Concen: 220.77 ug/l

RT: 2.20 min Scan# 168

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1582434

Ion Ratio Lower Upper

43 100

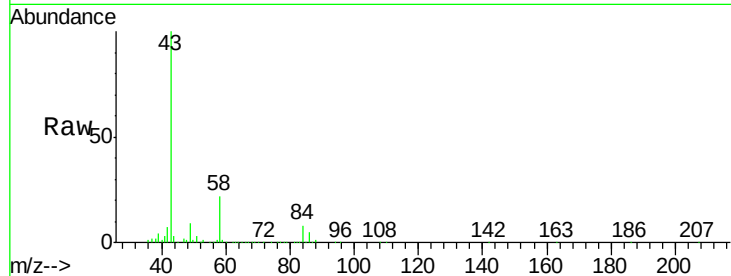
58 22.0 17.7 26.5

Manual Integrations

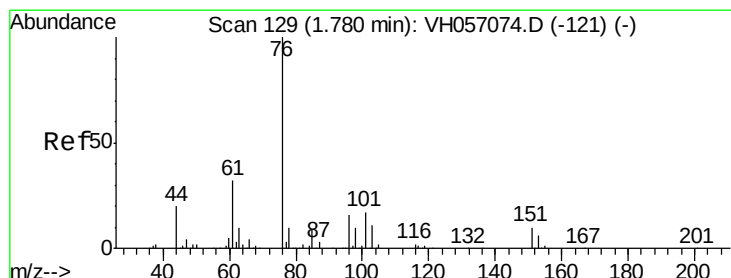
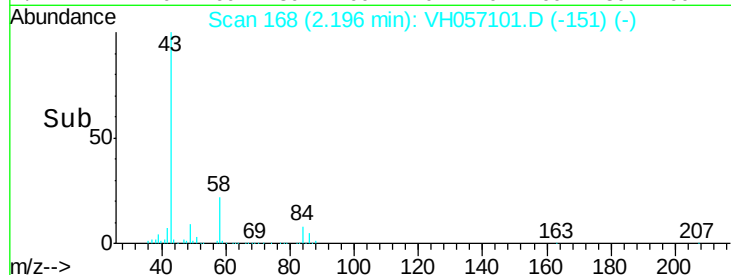
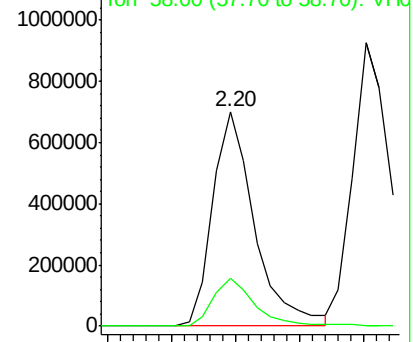
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Abundance Ion 43.00 (42.70 to 43.70): VH057101.D (-165) (-)



#18

Carbon Disulfide

Concen: 46.38 ug/l

RT: 1.76 min Scan# 127

Delta R.T. -0.02 min

Lab File: VH057101.D

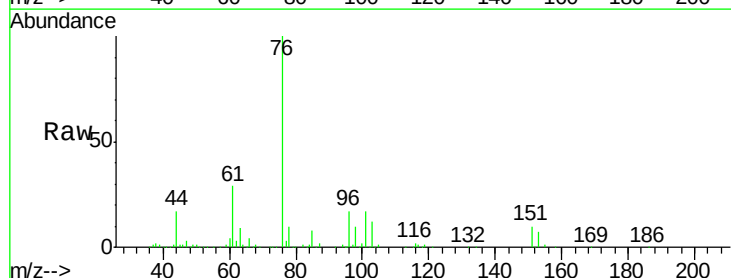
Acq: 22 Sep 2015 11:57

Tgt Ion: 76 Resp: 1209407

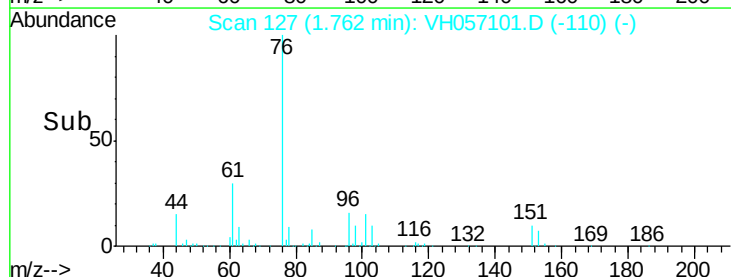
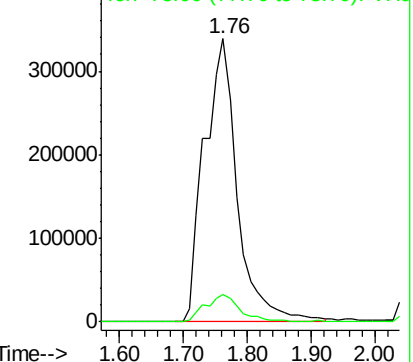
Ion Ratio Lower Upper

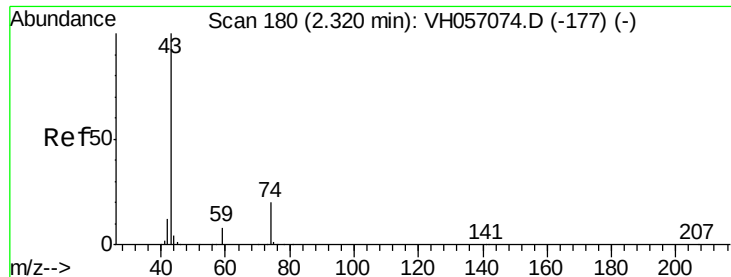
76 100

78 9.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VH057101.D (-110) (-)





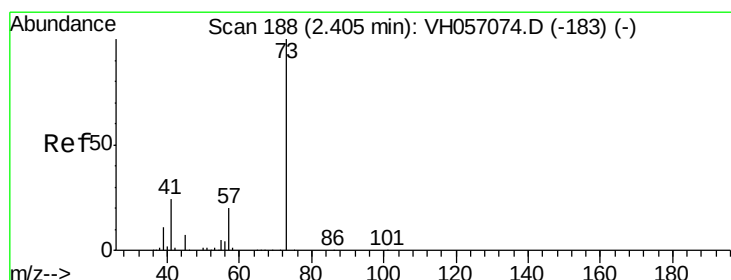
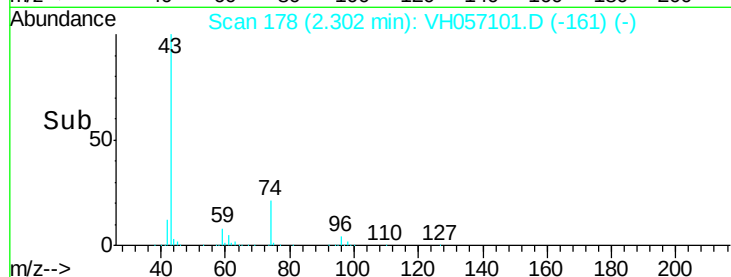
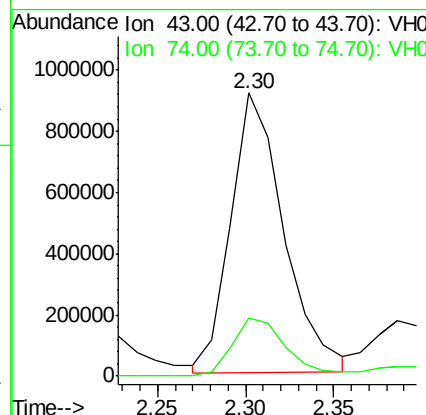
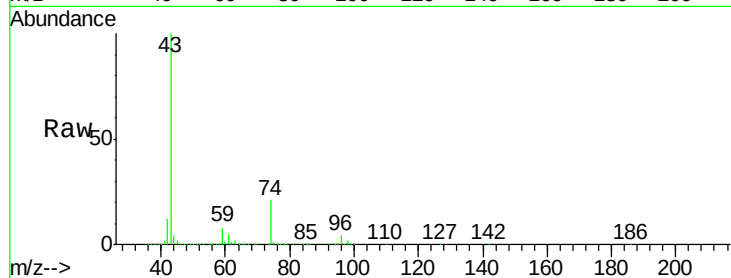
#19
Methyl Acetate
Concen: 43.12 ug/l
RT: 2.30 min Scan# 178
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1920537
Ion Ratio Lower Upper
43 100
74 20.6 13.3 24.7

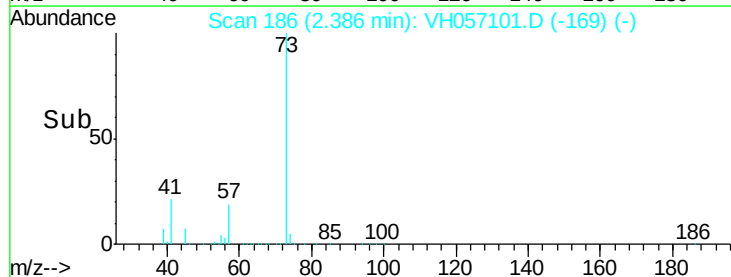
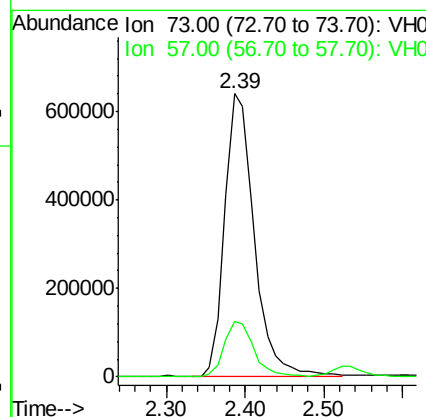
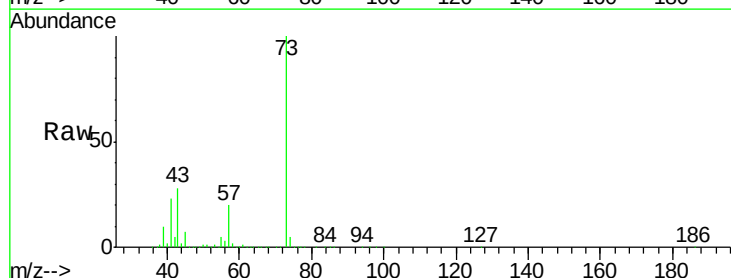
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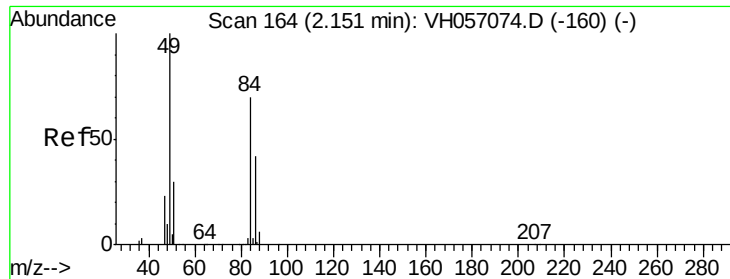
MMDadoda
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#20
Methyl tert-butyl Ether
Concen: 47.39 ug/l
RT: 2.39 min Scan# 186
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion: 73 Resp: 1677644
Ion Ratio Lower Upper
73 100
57 19.7 18.0 27.0





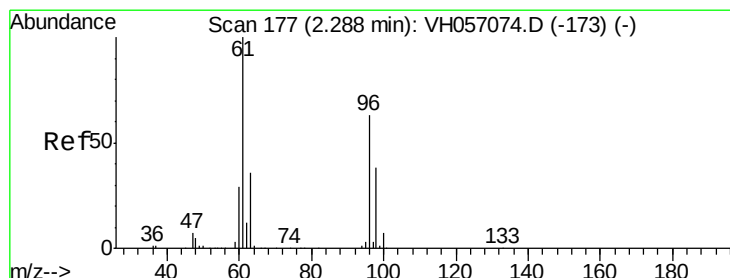
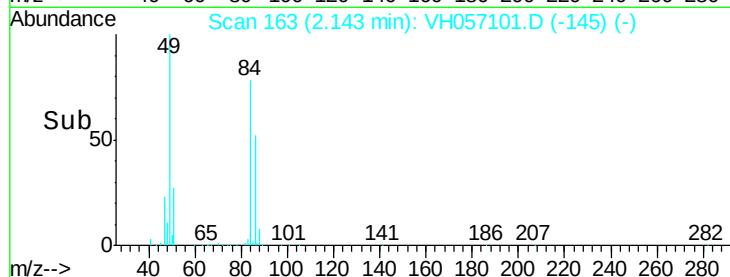
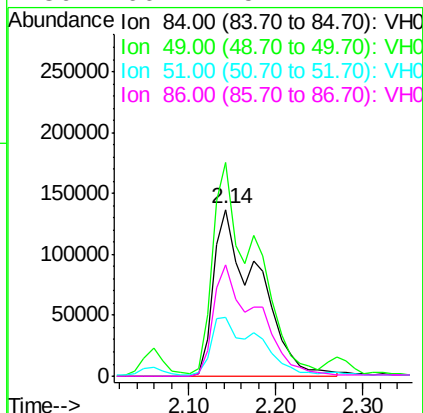
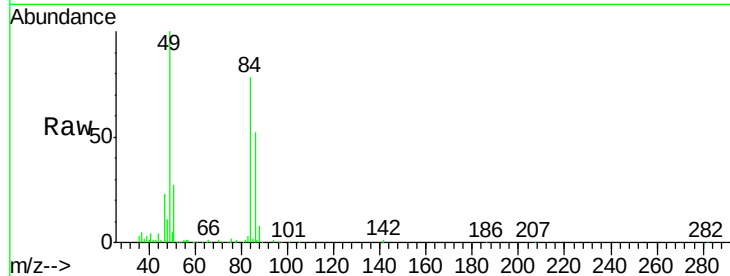
#21
Methylene Chloride
Concen: 49.39 ug/l m
RT: 2.14 min Scan# 163
Delta R.T. -0.01 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.0	132.8	199.2#
51	35.1	39.5	59.3#
86	66.4	51.4	77.2

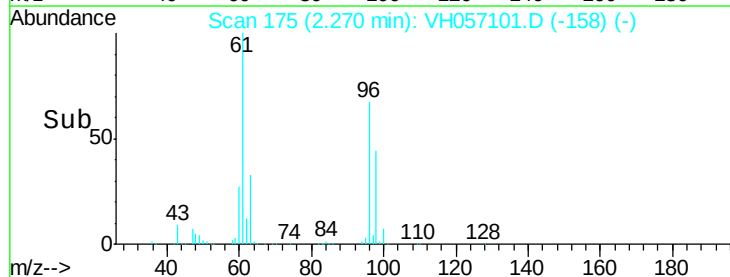
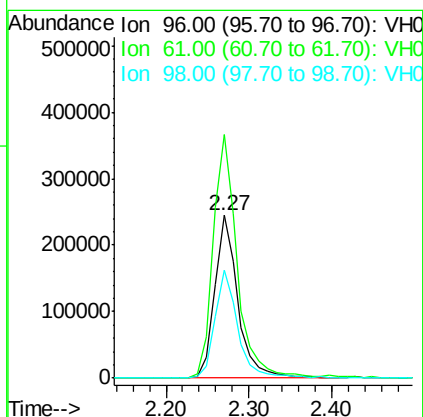
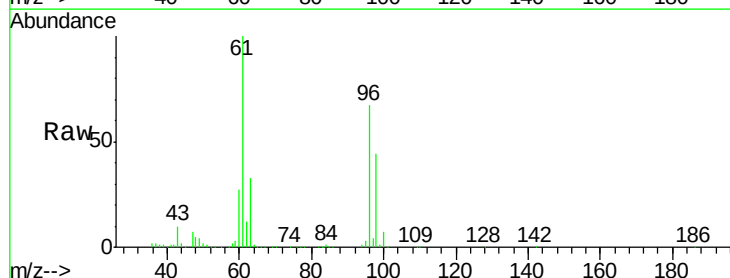
Manual Integrations
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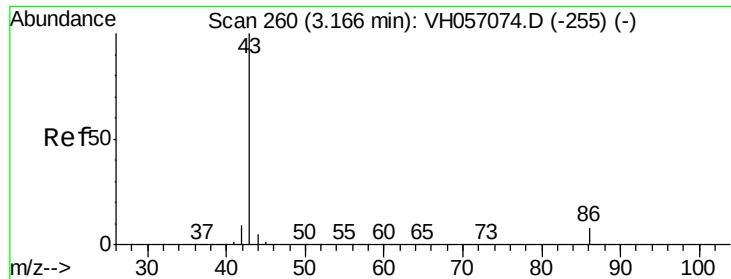
MMDadoda
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#22
trans-1,2-Dichloroethene
Concen: 48.82 ug/l
RT: 2.27 min Scan# 175
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.7	131.7	197.5
98	66.4	49.5	74.3





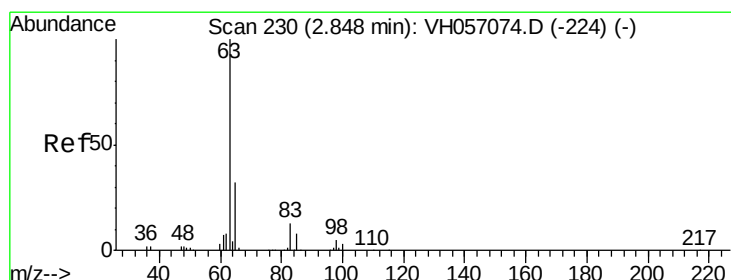
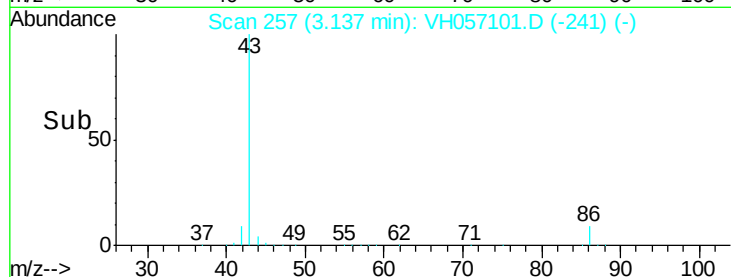
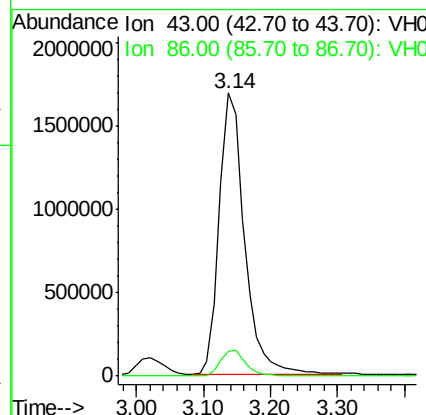
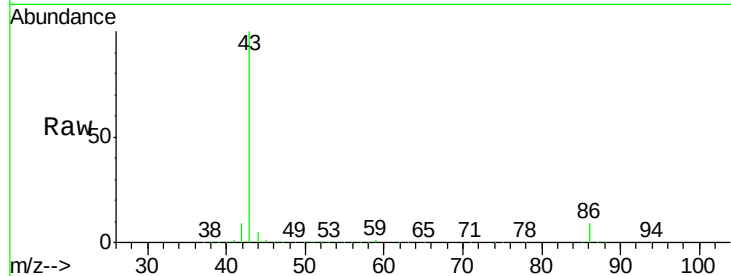
#23
 Vinyl Acetate
 Concen: 219.36 ug/l
 RT: 3.14 min Scan# 257
 Delta R.T. -0.03 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 4435655
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.2 9.2

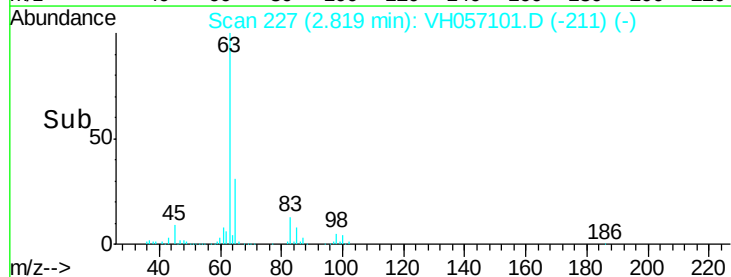
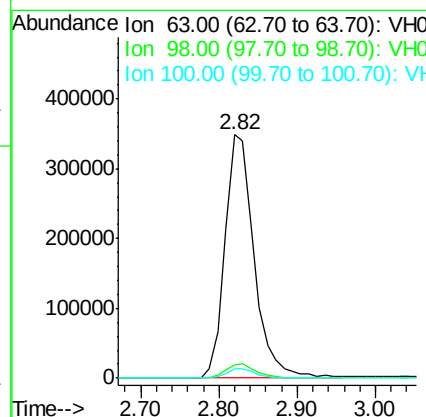
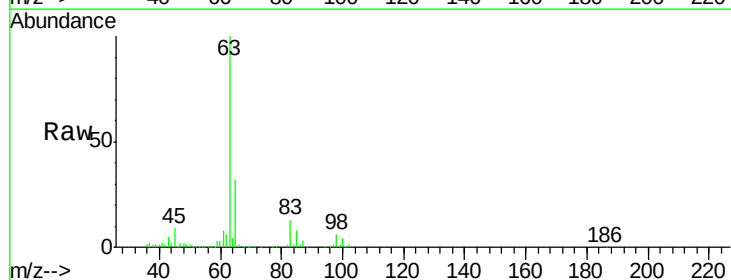
Manual Integrations
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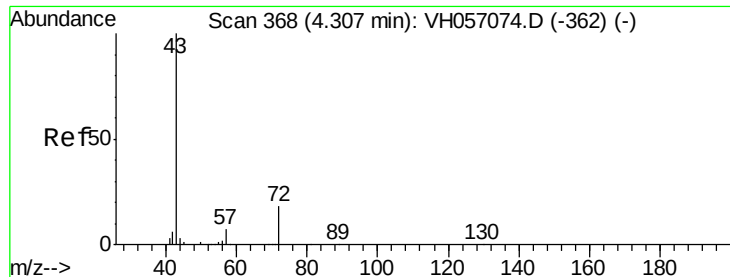
MMDadoda
 9/23/2015 11:46:38 AM



#24
 1,1-Dichloroethane
 Concen: 42.88 ug/l
 RT: 2.82 min Scan# 227
 Delta R.T. -0.03 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion: 63 Resp: 902277
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.6 7.8
 100 3.9 1.7 5.0





#25

2-Butanone

Concen: 222.16 ug/l

RT: 4.28 min Scan# 365

Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion: 43 Resp: 3532055

Ion Ratio Lower Upper

43 100

72 21.2 0.0 39.2

Instrument :

MSVOA_H

ClientSampleId :

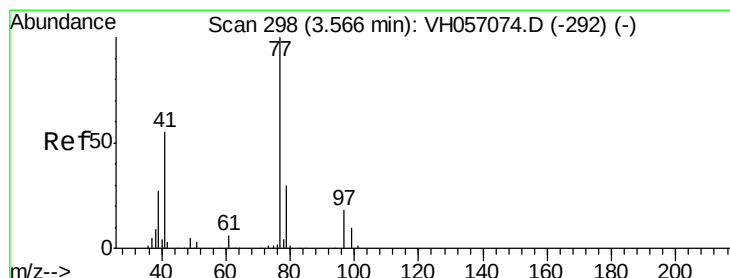
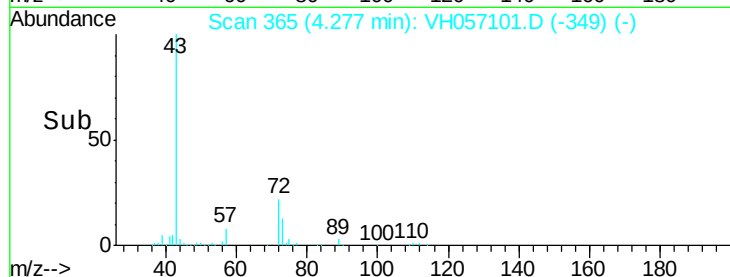
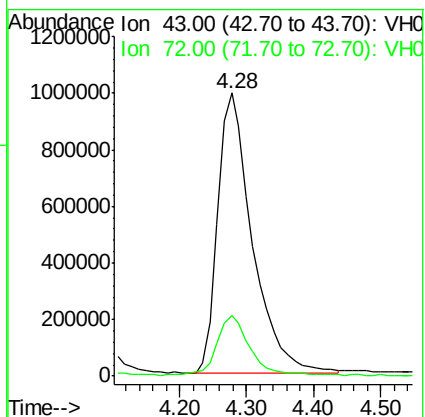
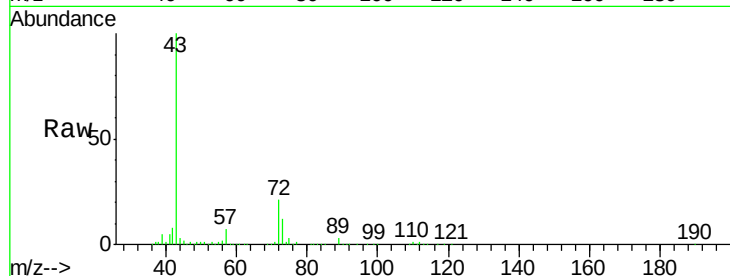
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.67 ug/l

RT: 3.55 min Scan# 296

Delta R.T. -0.02 min

Lab File: VH057101.D

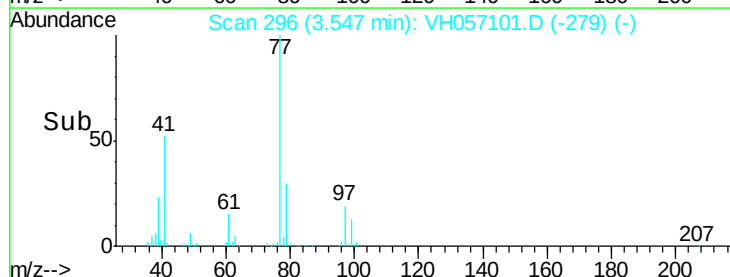
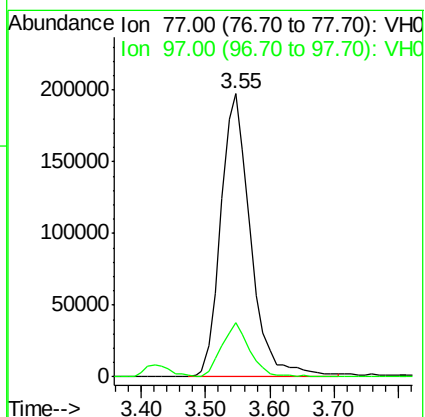
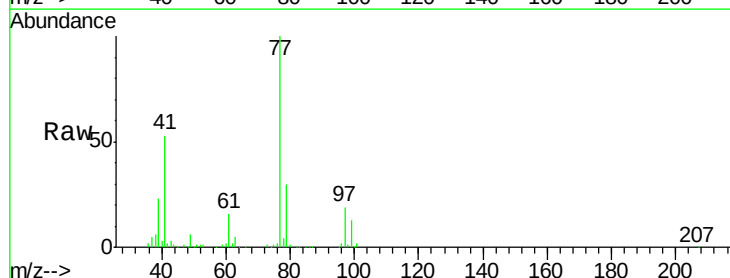
Acq: 22 Sep 2015 11:57

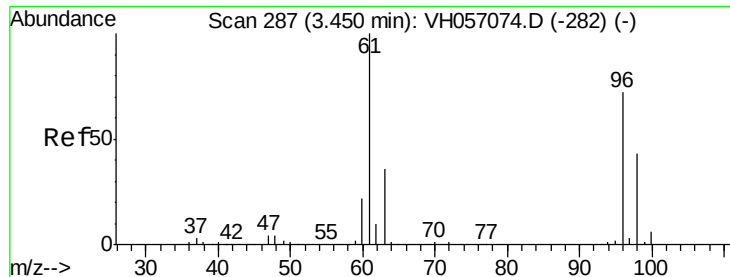
Tgt Ion: 77 Resp: 629632

Ion Ratio Lower Upper

77 100

97 19.0 8.8 26.4





#27

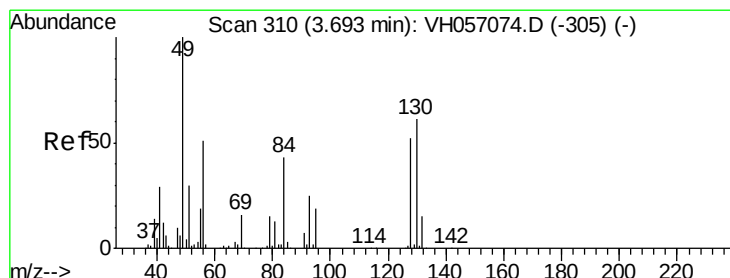
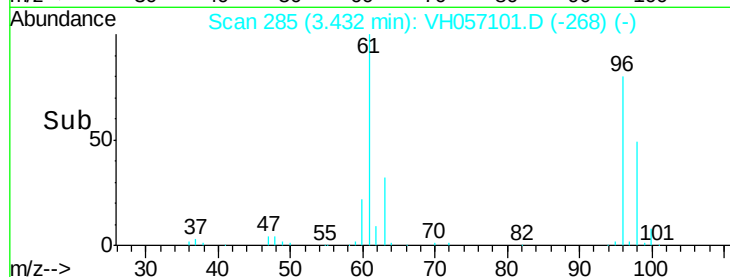
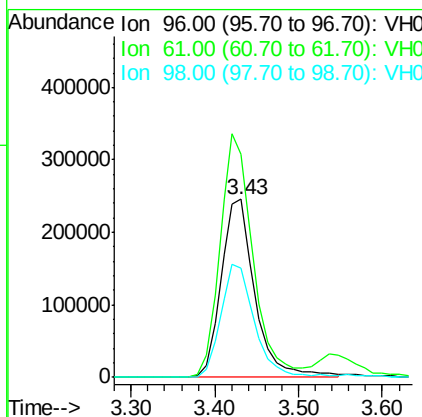
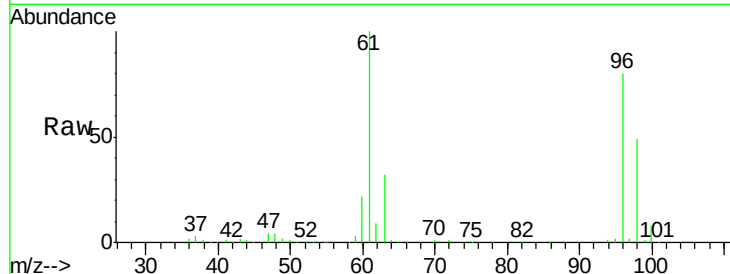
cis-1,2-Dichloroethene
Concen: 50.85 ug/l
RT: 3.43 min Scan# 285
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	690236		
61	125.2	115.4	173.0	
98	61.6	49.7	74.5	

Manual Integrations
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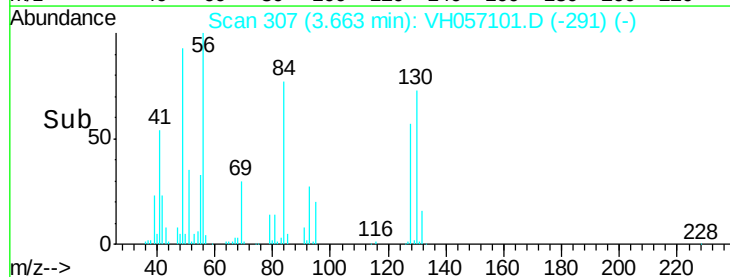
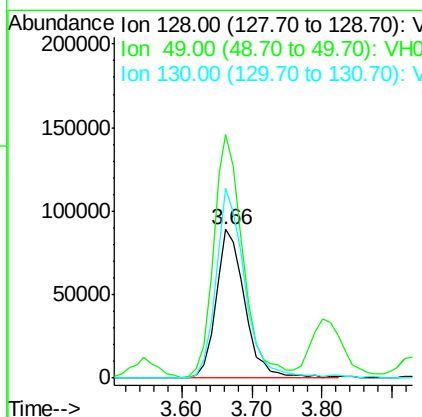
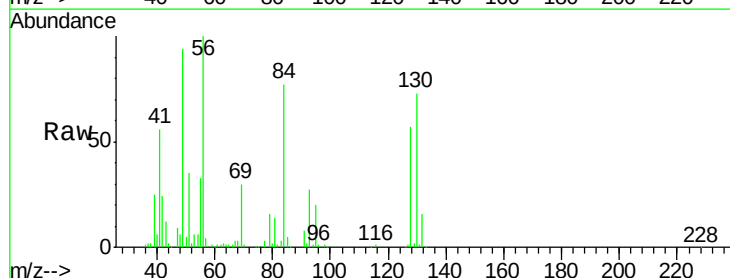
MMDadoda
9/23/2015 11:46:38 AM

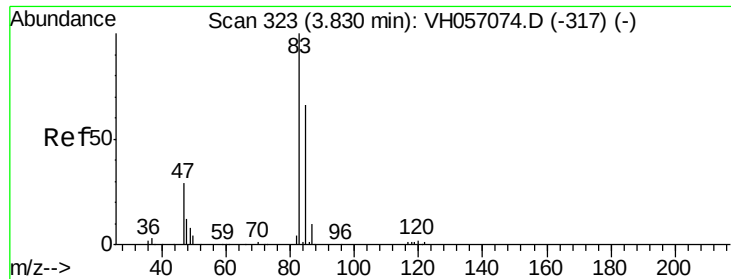


#28

Bromochloromethane
Concen: 56.10 ug/l
RT: 3.66 min Scan# 307
Delta R.T. -0.03 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	254383		
49	163.8	0.0	441.4	
130	127.3	100.7	151.1	





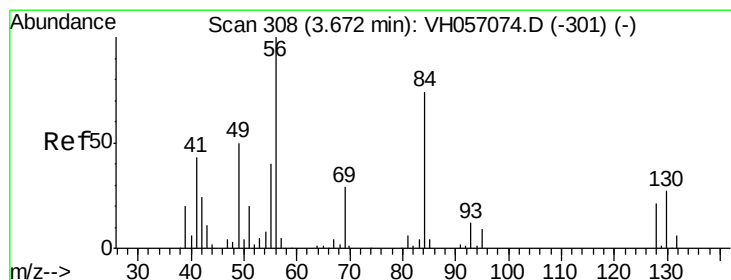
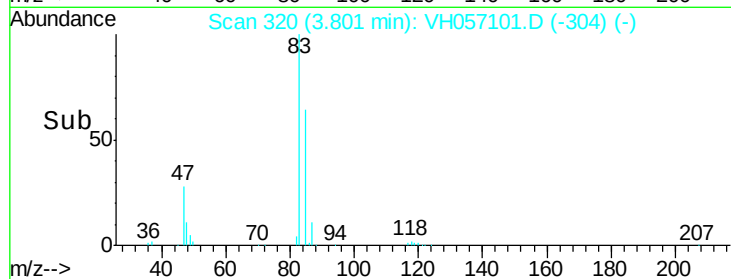
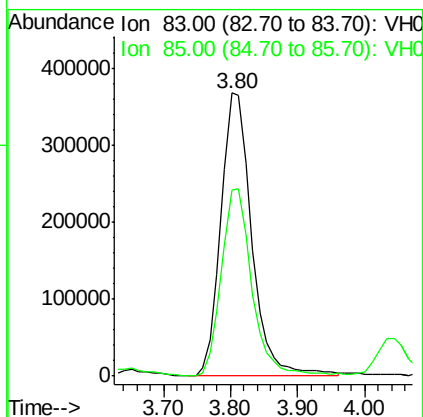
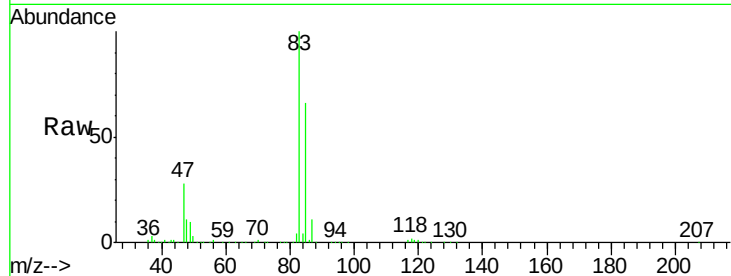
#29
Chloroform
Concen: 47.35 ug/l
RT: 3.80 min Scan# 320
Delta R.T. -0.03 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 1177524
Ion Ratio Lower Upper
83 100
85 65.7 54.3 81.5

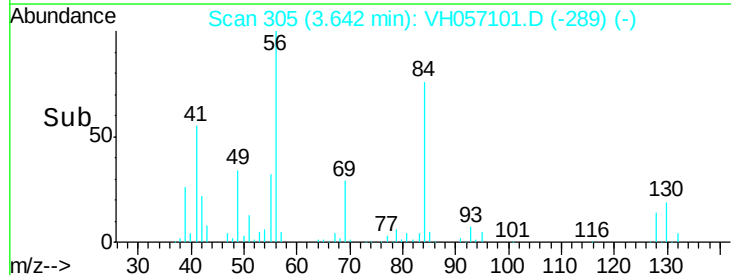
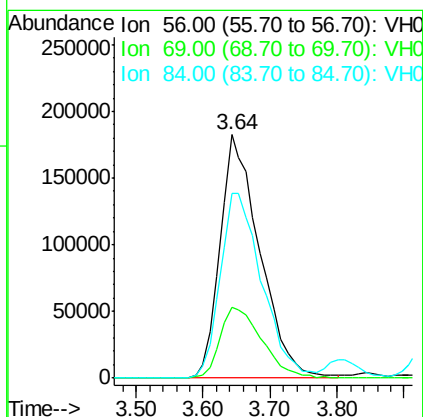
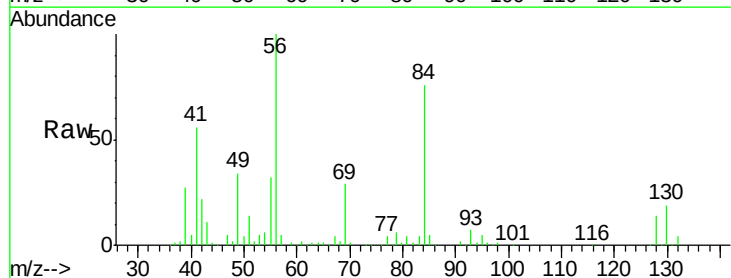
Manual Integrations
APPROVED

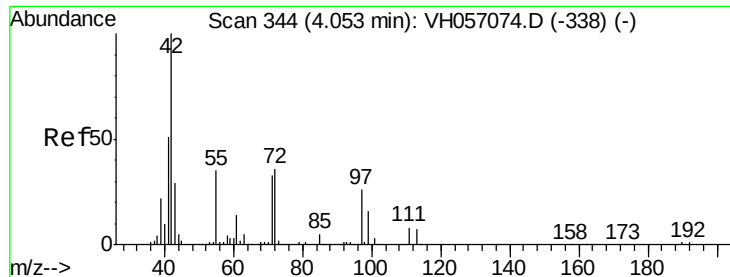
MMDadoda
9/23/2015 11:46:38 AM



#30
Cyclohexane
Concen: 43.97 ug/l
RT: 3.64 min Scan# 305
Delta R.T. -0.03 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion: 56 Resp: 741190
Ion Ratio Lower Upper
56 100
69 29.3 18.1 33.7
84 76.1 0.0 136.8





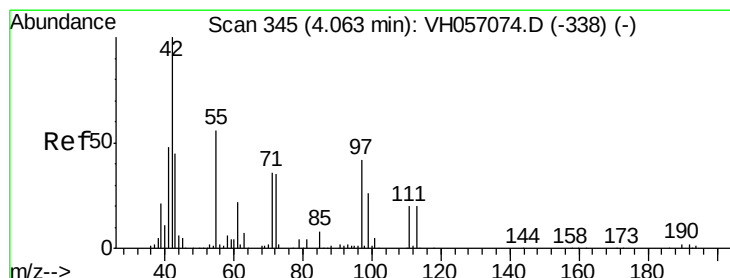
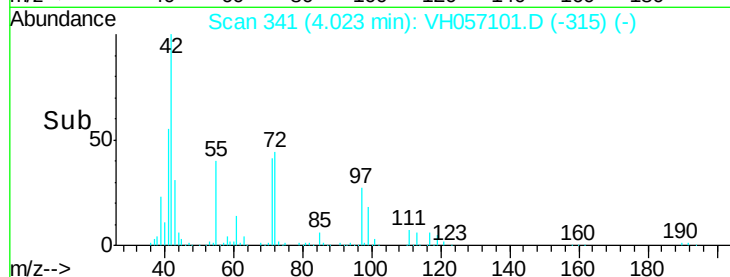
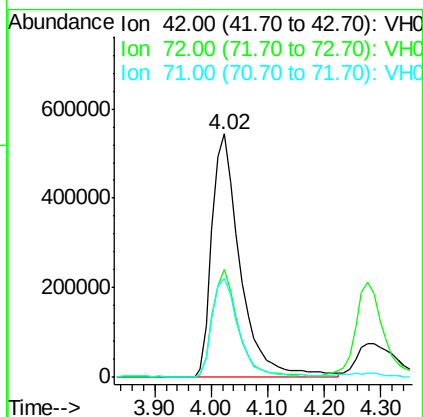
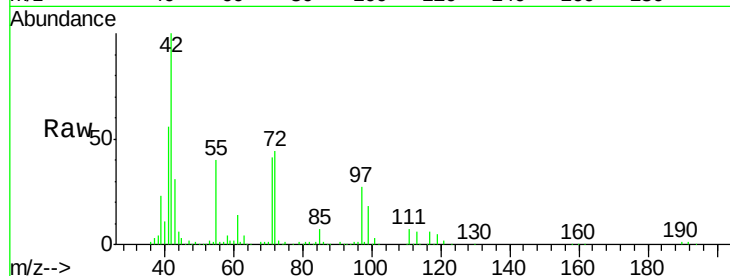
#31
Tetrahydrofuran
Concen: 209.54 ug/l
RT: 4.02 min Scan# 341
Delta R.T. -0.03 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.9	25.5	38.3#
71	38.0	25.4	38.0

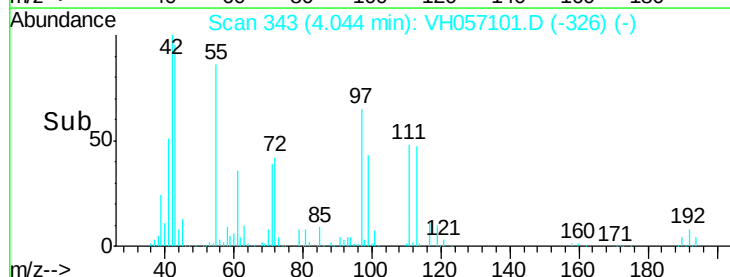
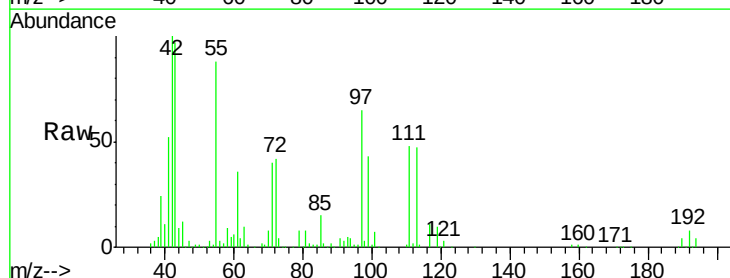
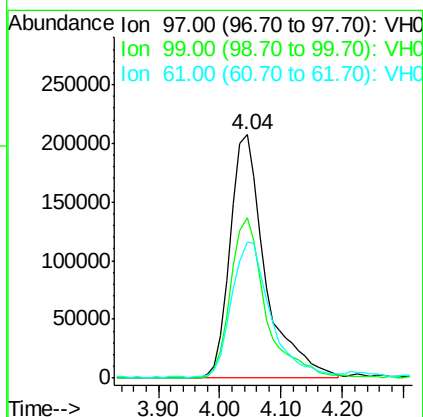
Manual Integrations
APPROVED

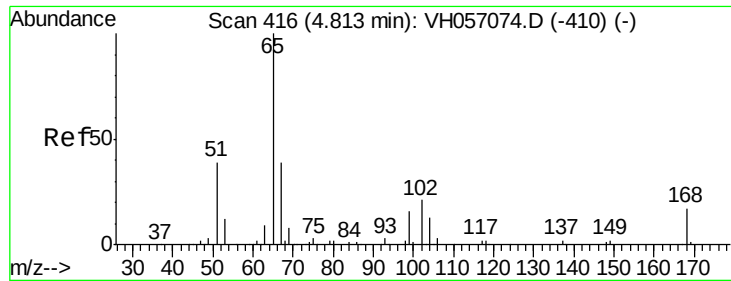
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#32
1,1,1-Trichloroethane
Concen: 45.60 ug/l
RT: 4.04 min Scan# 343
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	49.8	74.6
61	55.7	45.0	67.4





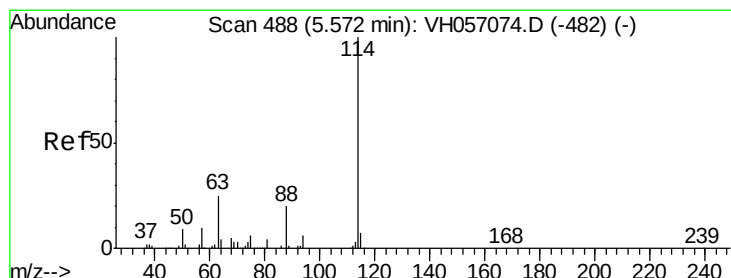
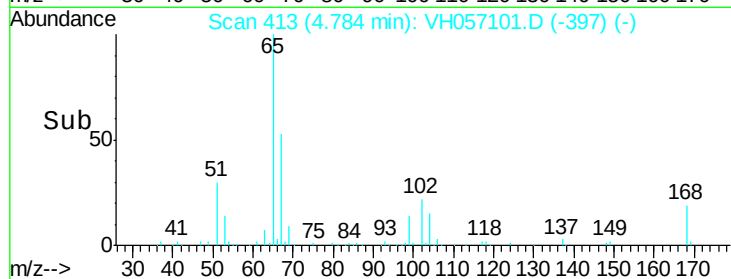
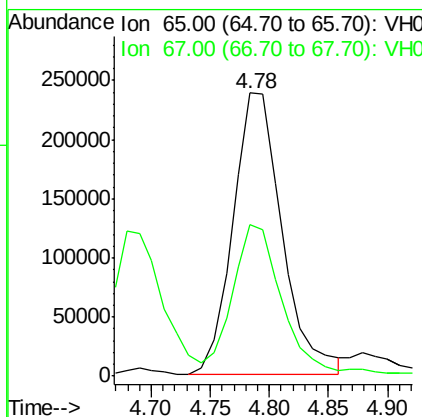
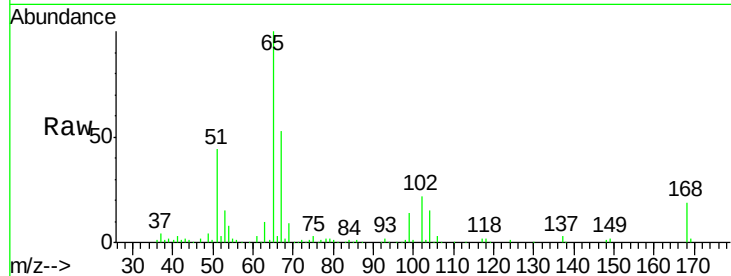
#33
 1,2-Dichloroethane-d4
 Concen: 40.60 ug/l
 RT: 4.78 min Scan# 413
 Delta R.T. -0.03 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 694885
 Ion Ratio Lower Upper
 65 100
 67 53.3 43.2 64.8

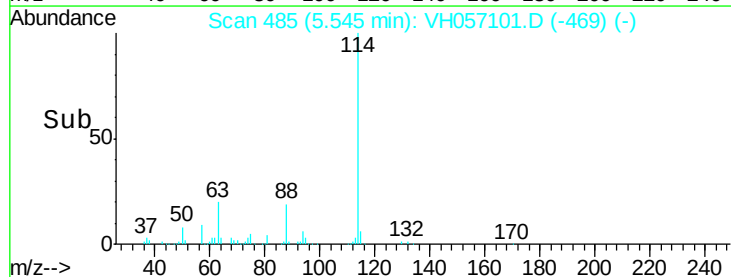
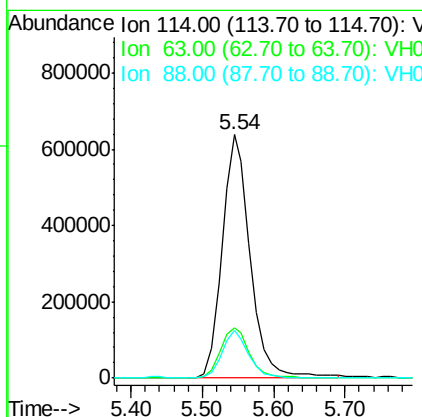
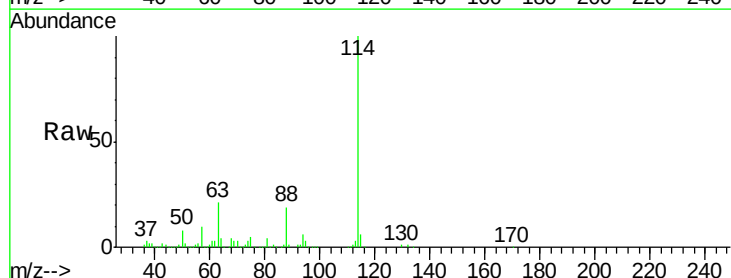
Manual Integrations
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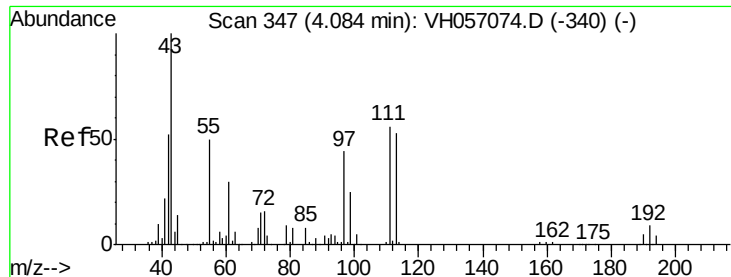
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 9/23/2015 11:46:38 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 485
 Delta R.T. -0.03 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion: 114 Resp: 1745108
 Ion Ratio Lower Upper
 114 100
 63 20.6 19.0 28.4
 88 19.4 15.7 23.5





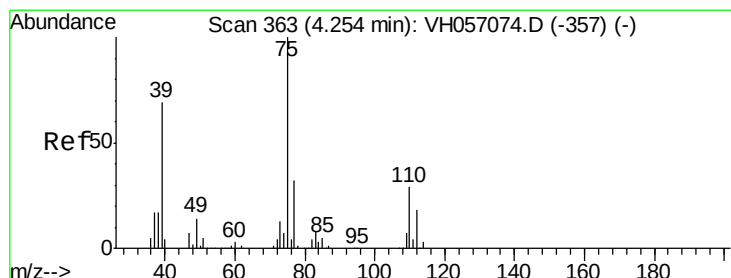
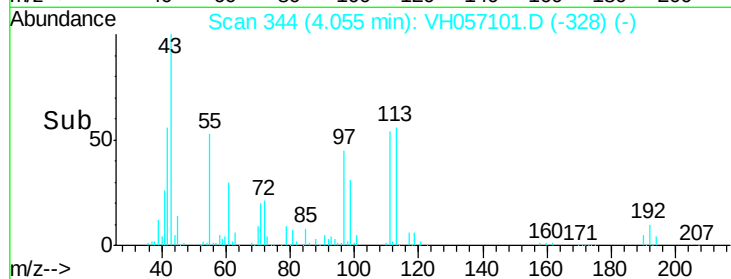
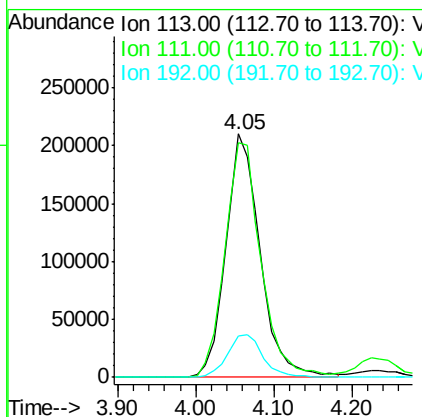
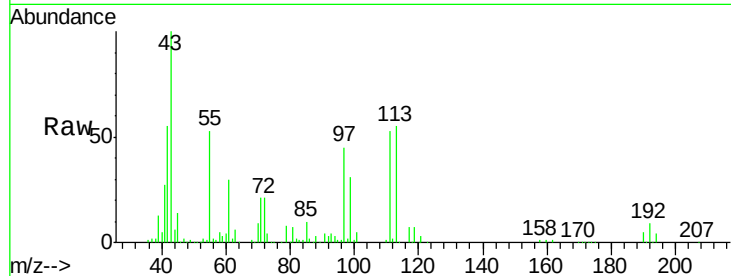
#35
Dibromofluoromethane
Concen: 46.10 ug/l
RT: 4.05 min Scan# 344
Delta R.T. -0.03 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	640564		
111	96.5	84.0	126.0	
192	17.0	13.6	20.4	

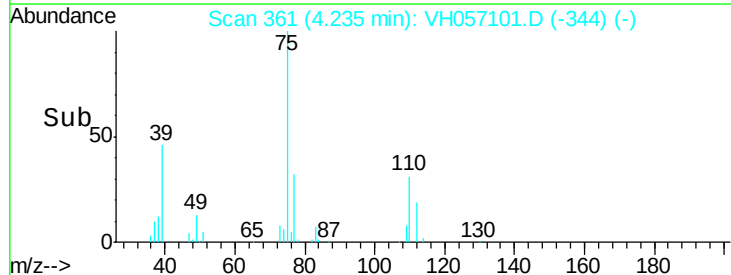
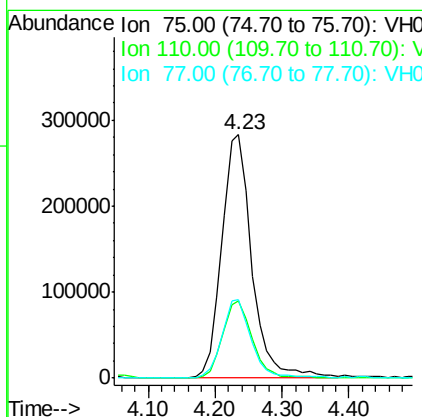
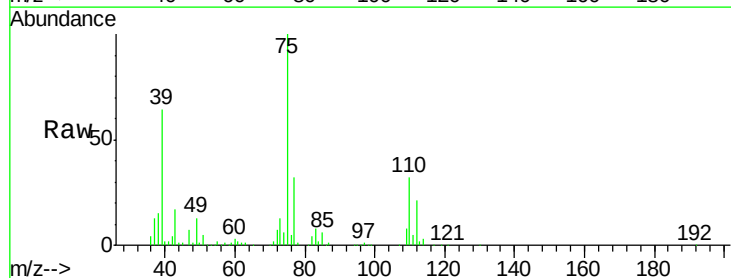
Manual Integrations
APPROVED

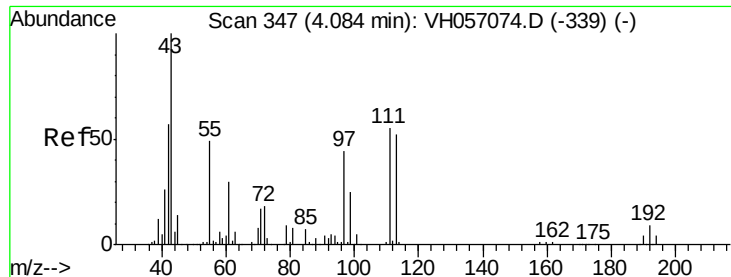
MMDadoda
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#36
1,1-Dichloropropene
Concen: 45.44 ug/l
RT: 4.23 min Scan# 361
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	871198		
110	31.9	13.7	41.1	
77	32.0	24.0	36.0	





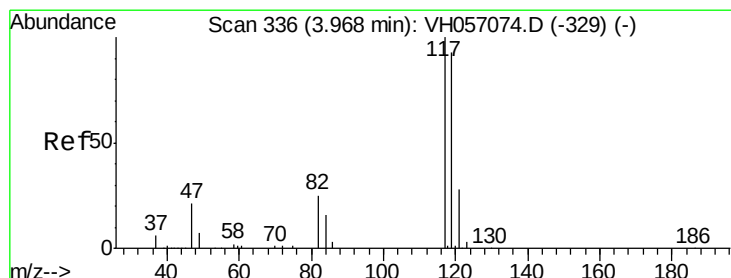
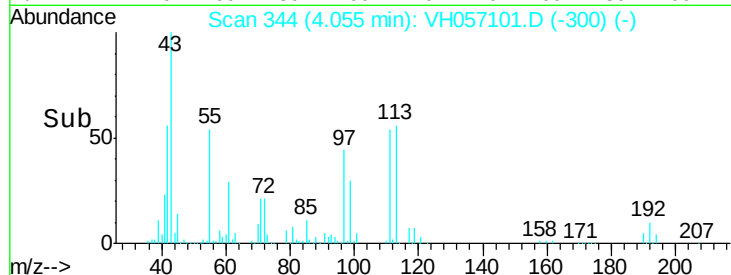
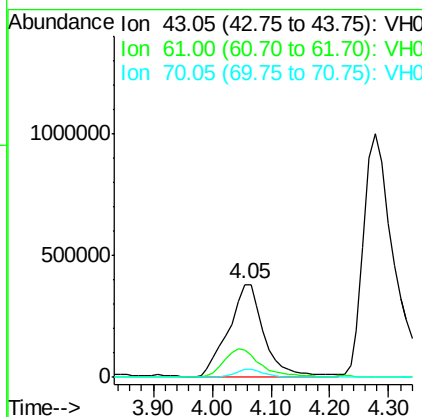
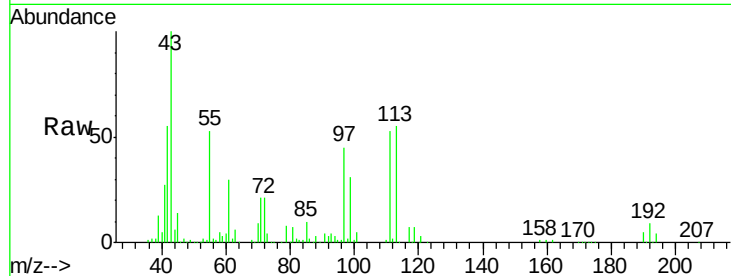
#37
Ethyl acetate
Concen: 44.24 ug/l
RT: 4.05 min Scan# 344
Delta R.T. -0.03 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1592392
Ion Ratio Lower Upper
43 100
61 0.0 23.9 35.9#
70 7.8 5.4 8.0

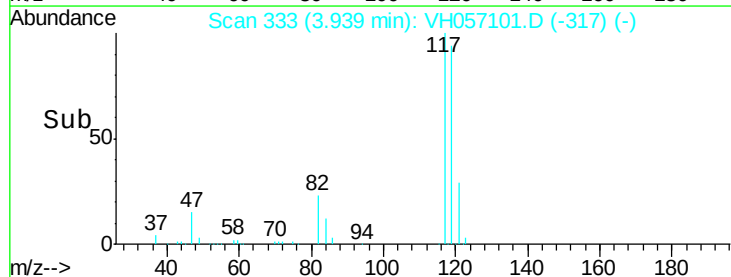
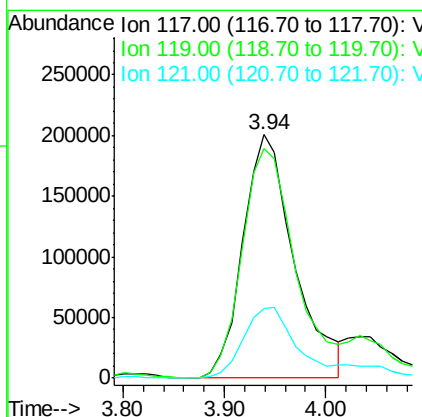
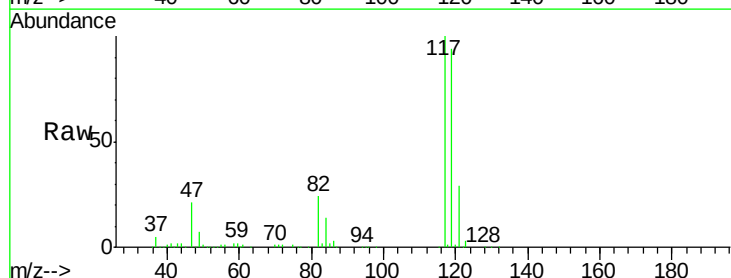
Manual Integrations
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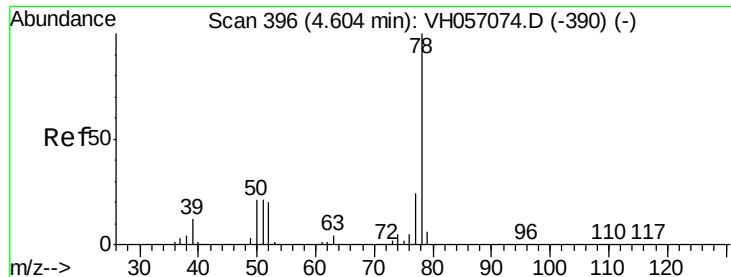
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#38
Carbon Tetrachloride
Concen: 47.08 ug/l
RT: 3.94 min Scan# 333
Delta R.T. -0.03 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion: 117 Resp: 702848
Ion Ratio Lower Upper
117 100
119 94.5 78.7 118.1
121 28.7 25.9 38.9





#39

Benzene

Concen: 48.05 ug/l

RT: 4.58 min Scan# 394

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 78 Resp: 2193755

Ion Ratio Lower Upper

78 100

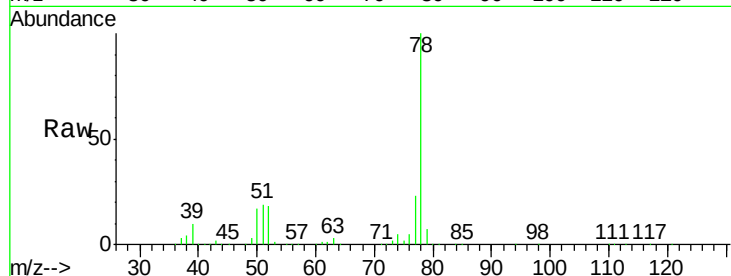
77 23.2 18.5 27.7

Manual Integrations

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Abundance Ion 78.10 (77.80 to 78.80): VH0

Ion 77.00 (76.70 to 77.70): VH0

4.58

800000

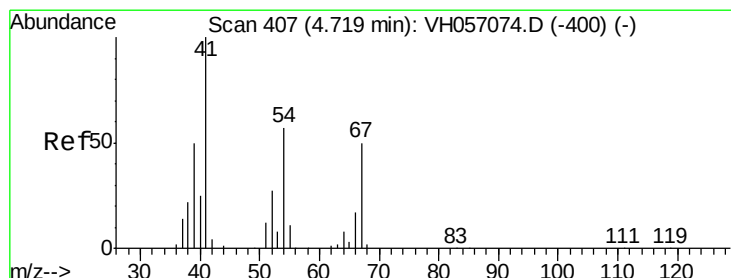
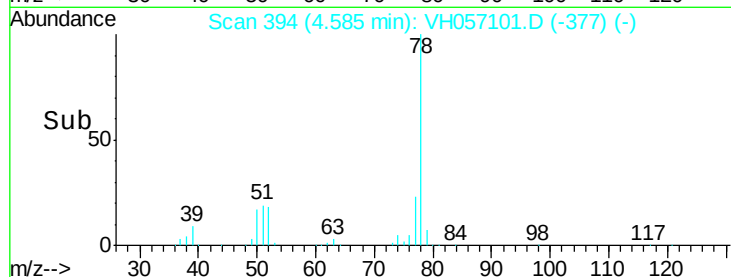
600000

400000

200000

0

Time--> 4.40 4.50 4.60 4.70 4.80



#40

Methacrylonitrile

Concen: 45.40 ug/l

RT: 4.68 min Scan# 403

Delta R.T. -0.04 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion: 41 Resp: 723382

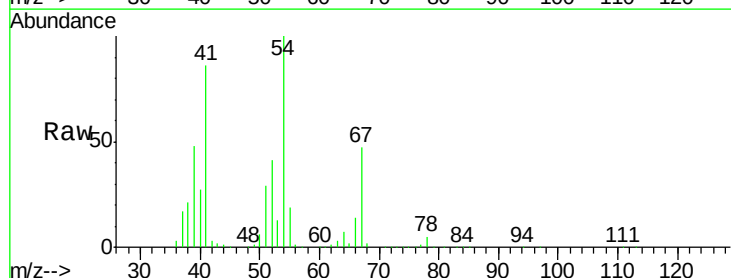
Ion Ratio Lower Upper

41 100

39 55.8 25.1 75.2

67 54.1 22.5 67.5

52 47.8 19.0 57.0



Abundance Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

Ion 52.00 (51.70 to 52.70): VH0

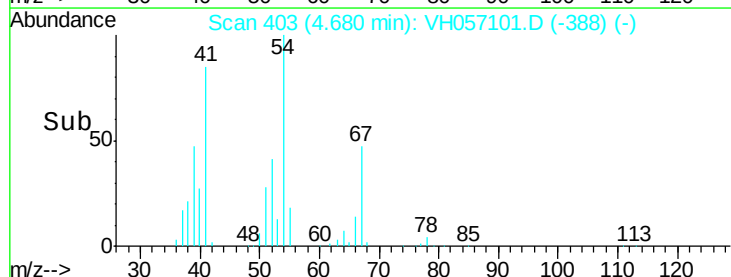
300000

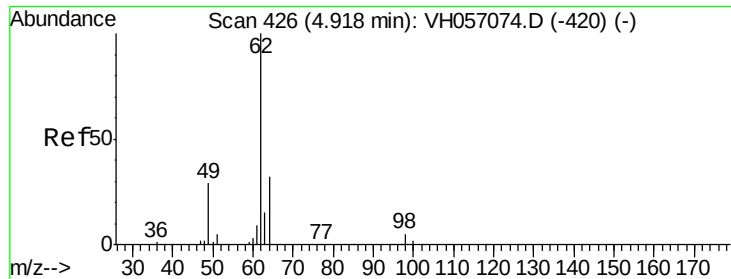
200000

100000

0

Time--> 4.60 4.70 4.80 4.90





#41

1,2-Dichloroethane

Concen: 43.90 ug/l

RT: 4.89 min Scan# 423

Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 62 Resp: 884669

Ion Ratio Lower Upper

62 100

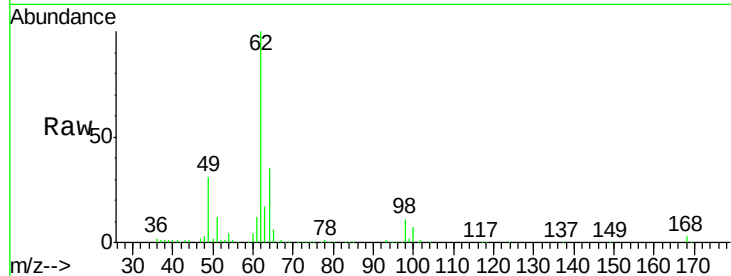
98 11.2 7.3 10.9#

Manual Integrations

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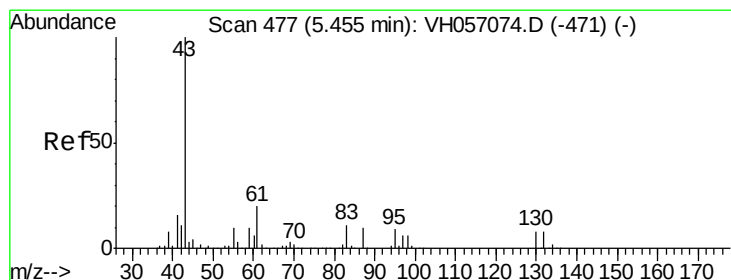
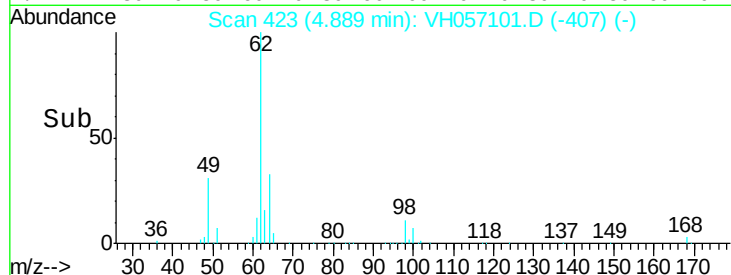
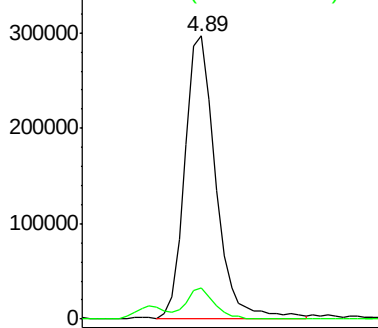
MMDadoda

9/23/2015 11:46:38 AM



Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 98.00 (97.70 to 98.70): VH0



#42

Isopropyl Acetate

Concen: 42.39 ug/l

RT: 5.43 min Scan# 474

Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

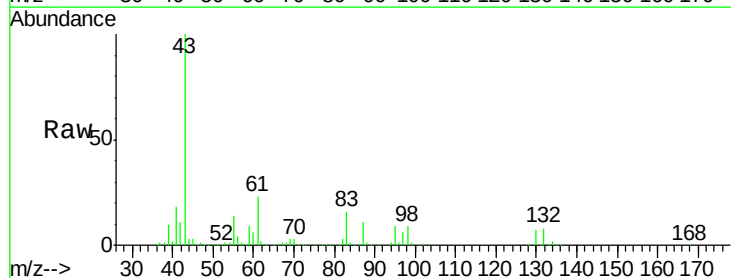
Tgt Ion: 43 Resp: 1992395

Ion Ratio Lower Upper

43 100

61 23.0 15.8 23.6

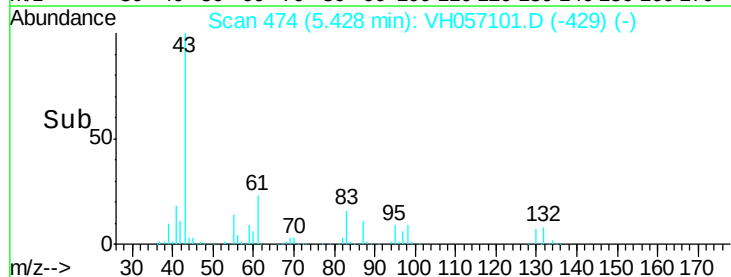
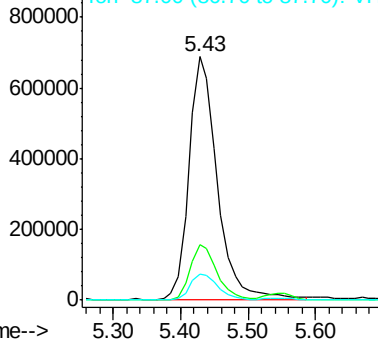
87 10.9 7.0 10.6#

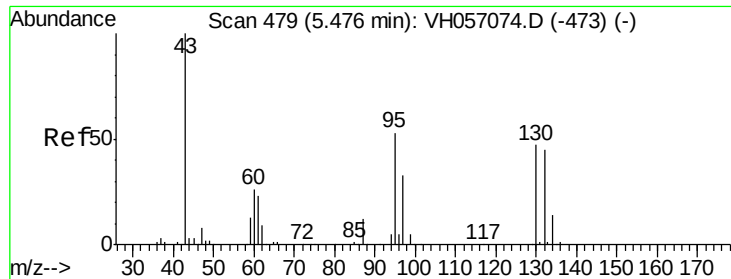


Abundance Ion 43.05 (42.75 to 43.75): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 87.00 (86.70 to 87.70): VH0





#43

Trichloroethene

Concen: 51.79 ug/l

RT: 5.46 min Scan# 477

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion:130 Resp: 600947

Ion Ratio Lower Upper

130 100

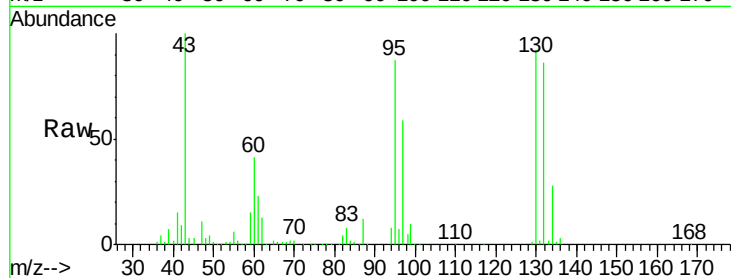
95 94.7 84.0 126.0

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VH0

5.46

250000

200000

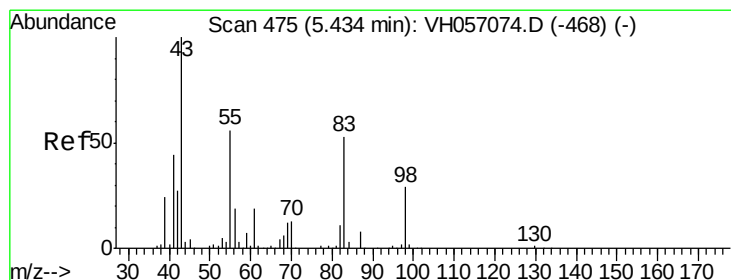
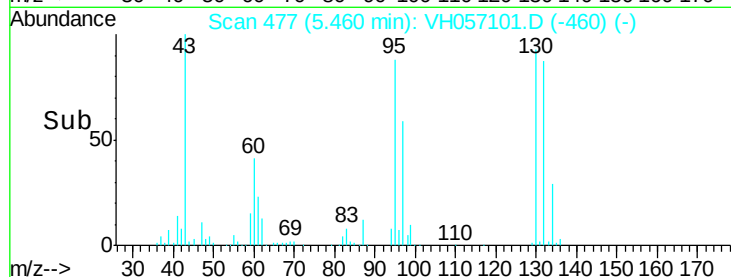
150000

100000

50000

0

Time-->



#44

Methylcyclohexane

Concen: 48.43 ug/l

RT: 5.41 min Scan# 472

Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

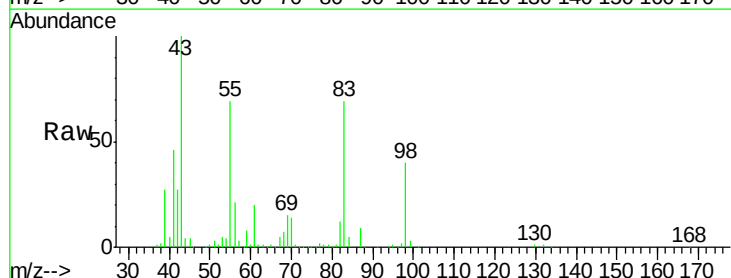
Tgt Ion: 83 Resp: 535209

Ion Ratio Lower Upper

83 100

55 100.3 0.0 207.2

98 58.0 0.0 108.4



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 55.00 (54.70 to 55.70): VH0

Ion 98.00 (97.70 to 98.70): VH0

200000

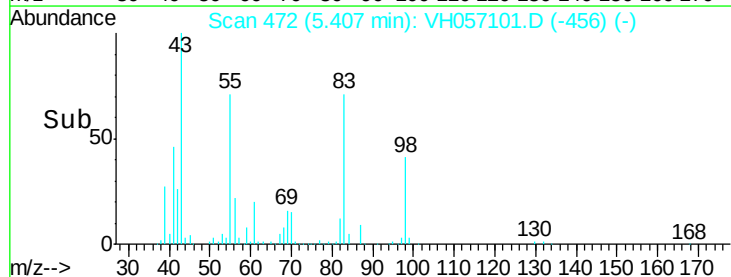
150000

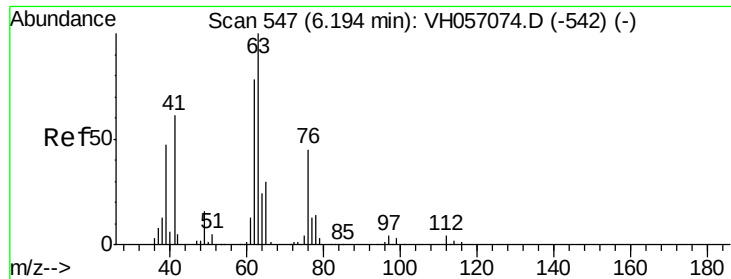
100000

50000

0

Time-->





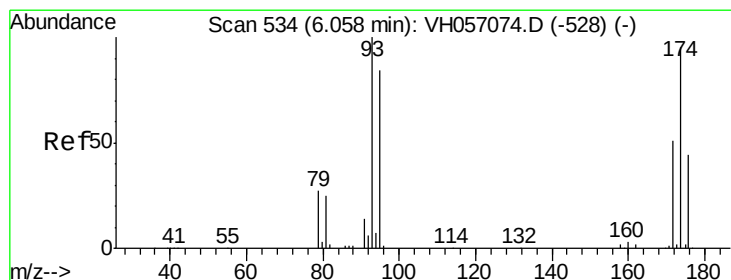
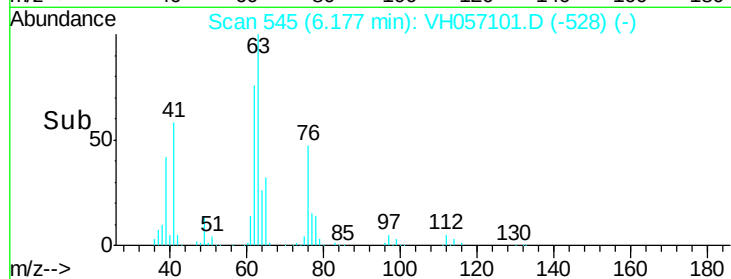
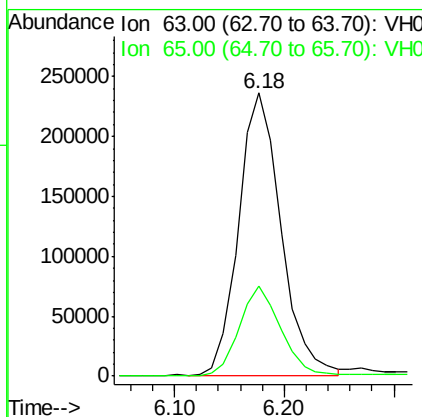
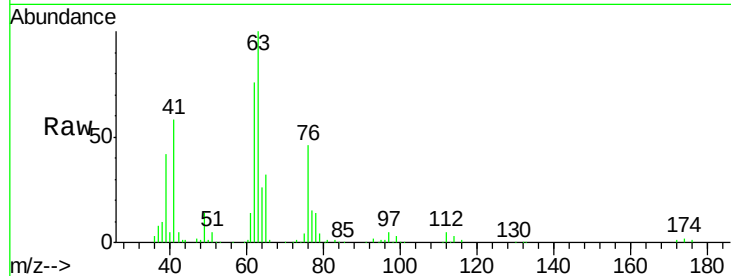
#45
 1,2-Dichloropropane
 Concen: 43.45 ug/l
 RT: 6.18 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 628911
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.8 35.8

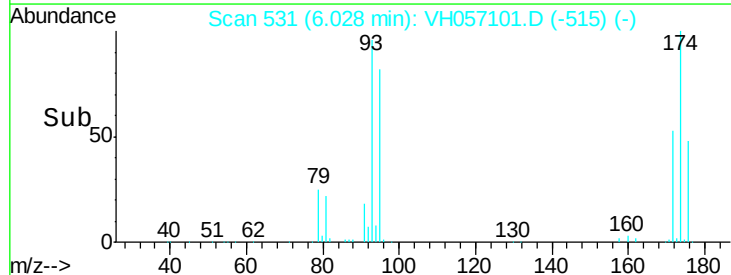
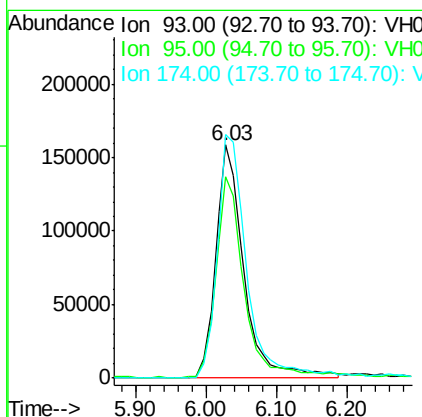
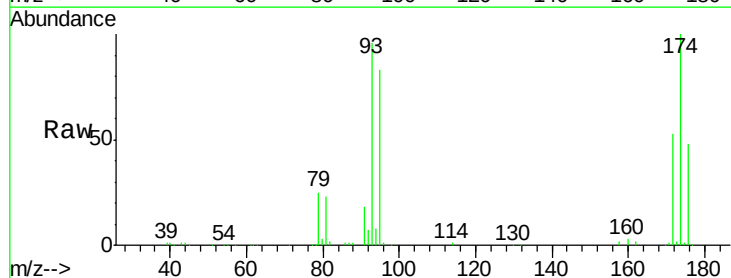
Manual Integrations
 APPROVED

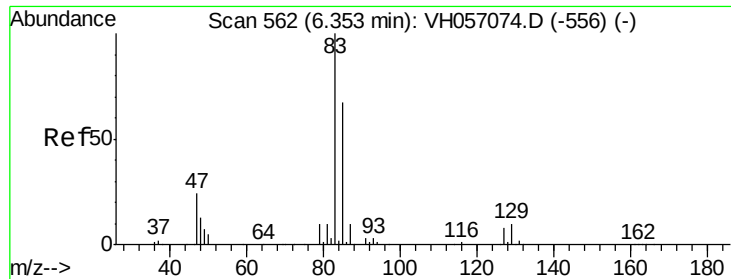
MMDadoda
 9/23/2015 11:46:38 AM



#46
 Dibromomethane
 Concen: 47.09 ug/l
 RT: 6.03 min Scan# 531
 Delta R.T. -0.03 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion: 93 Resp: 443272
 Ion Ratio Lower Upper
 93 100
 95 86.4 69.5 104.3
 174 104.4 75.8 113.6





#47

Bromodichloromethane

Concen: 46.48 ug/l

RT: 6.33 min Scan# 560

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

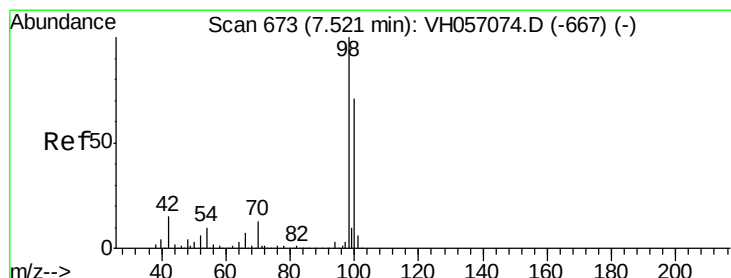
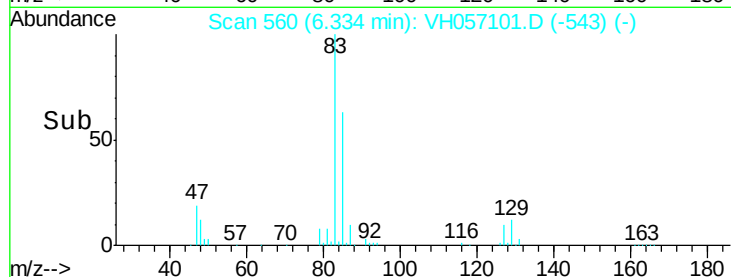
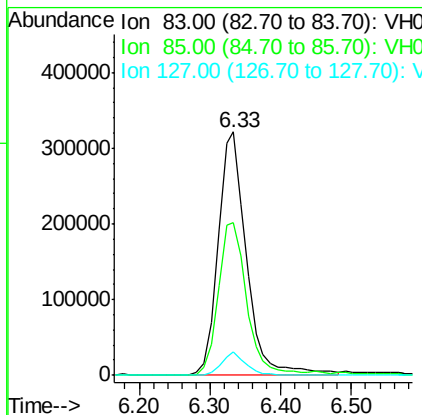
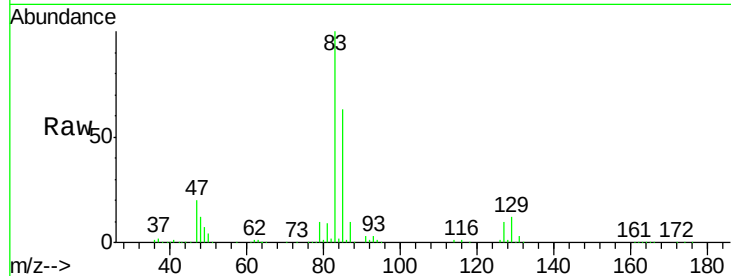
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	896280
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.6	78.8
127	9.8	6.8	10.2

Manual Integrations
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MMDadoda
9/23/2015 11:46:38 AM



#48

Toluene-d8

Concen: 44.17 ug/l

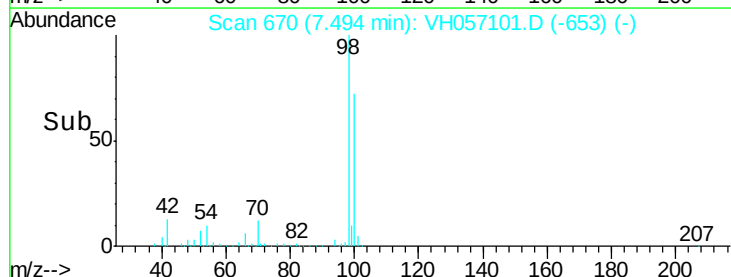
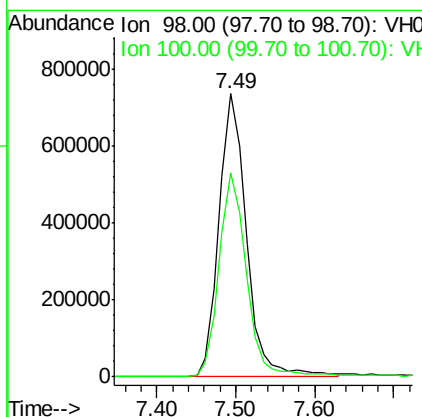
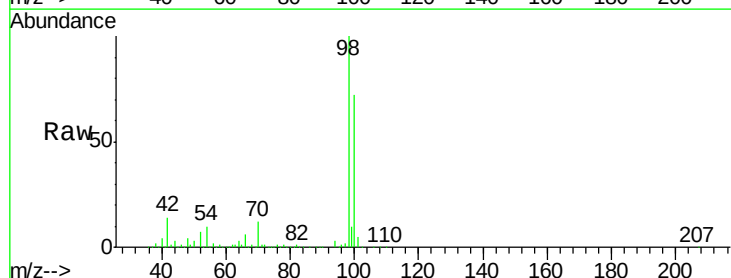
RT: 7.49 min Scan# 670

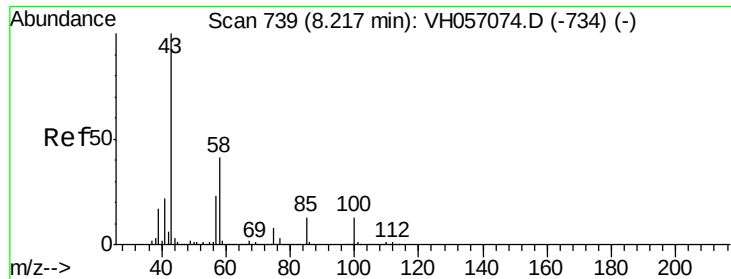
Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion:	98	Resp:	1764553
Ion	Ratio	Lower	Upper
98	100		
100	72.1	56.7	85.1





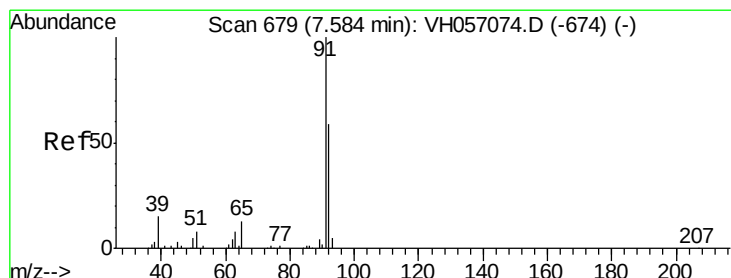
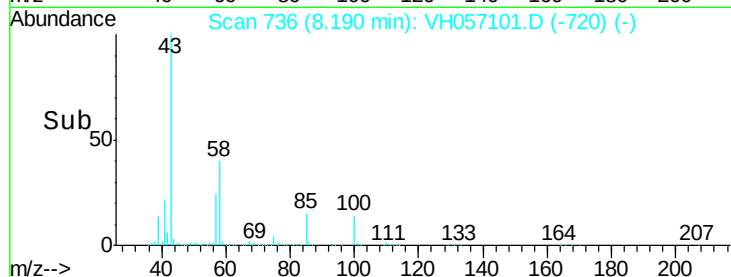
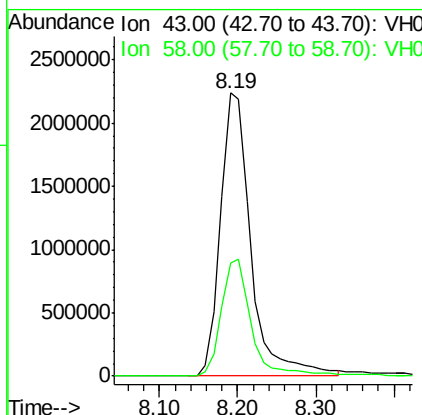
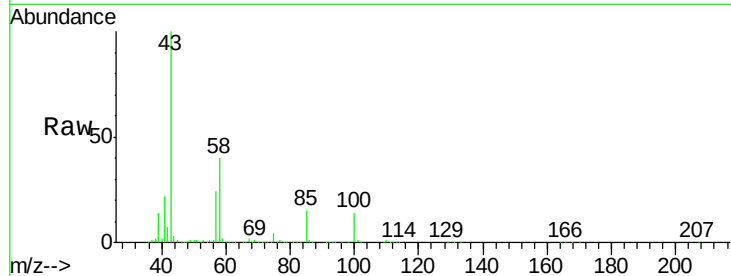
#49
 4-Methyl-2-Pentanone
 Concen: 212.20 ug/l
 RT: 8.19 min Scan# 736
 Delta R.T. -0.03 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 6041399
 Ion Ratio Lower Upper
 43 100
 58 40.0 20.0 60.0

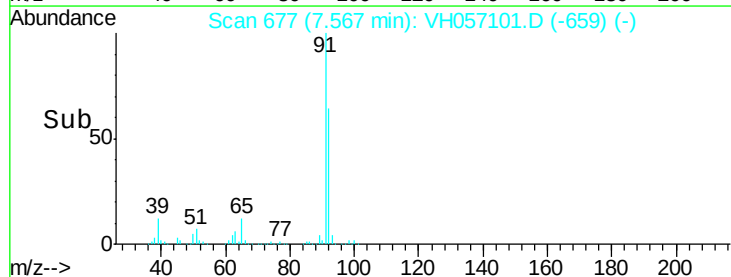
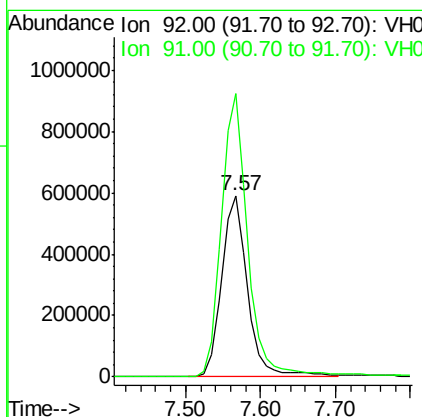
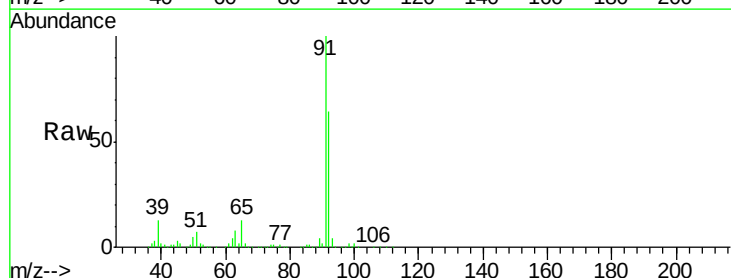
Manual Integrations
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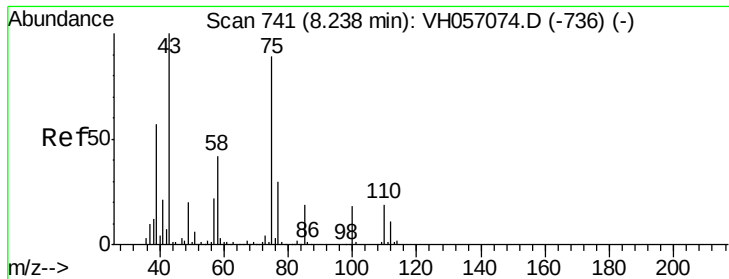
MMDadoda
 9/23/2015 11:46:38 AM



#50
 Toluene
 Concen: 48.30 ug/l
 RT: 7.57 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion: 92 Resp: 1412034
 Ion Ratio Lower Upper
 92 100
 91 156.3 125.8 188.6





#51

t-1,3-Dichloropropene

Concen: 47.65 ug/l

RT: 8.21 min Scan# 738

Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion: 75 Resp: 1053402

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

Instrument :

MSVOA_H

ClientSampleId :

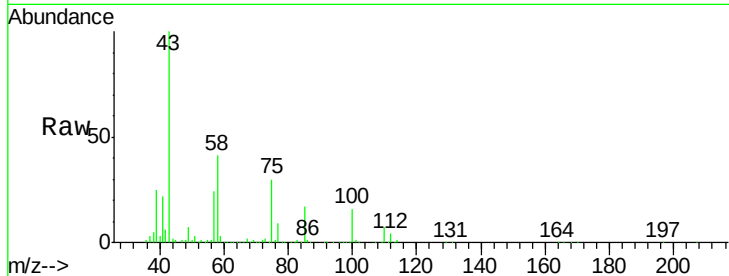
VSTDCCC050

Manual Integrations

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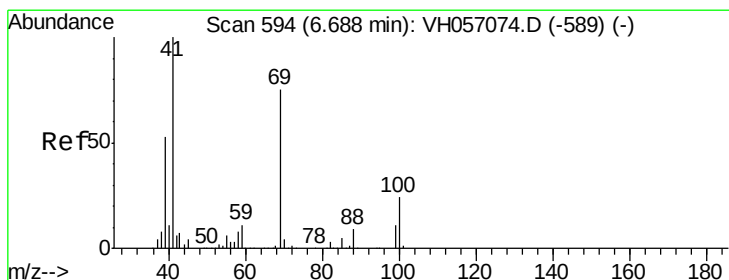
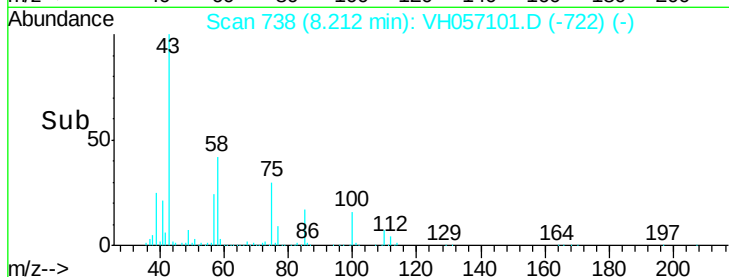
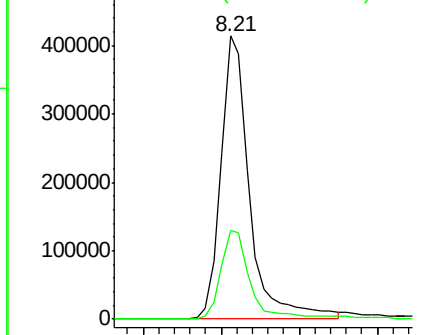
MMDadoda

9/23/2015 11:46:38 AM



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0



#52

Methyl Methacrylate

Concen: 47.11 ug/l

RT: 6.66 min Scan# 591

Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

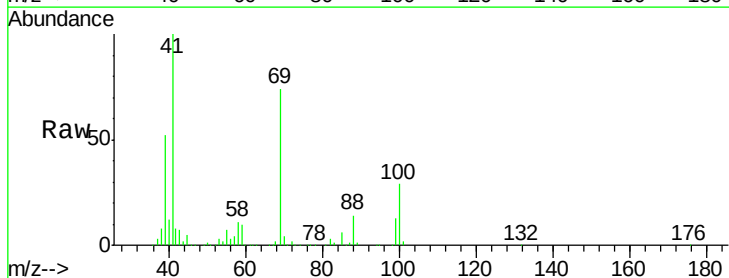
Tgt Ion: 69 Resp: 674898

Ion Ratio Lower Upper

69 100

41 134.7 70.0 209.8

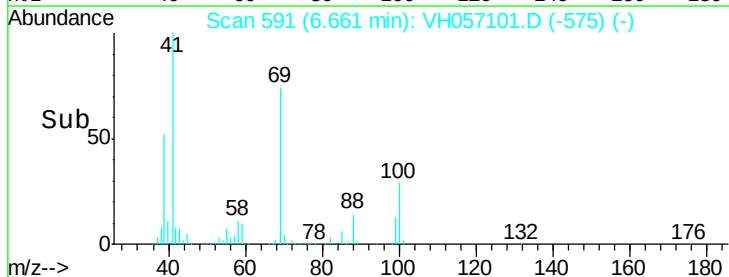
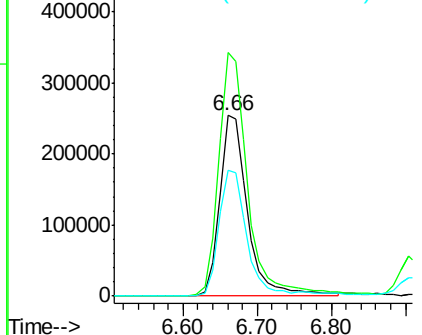
39 69.6 37.5 112.5

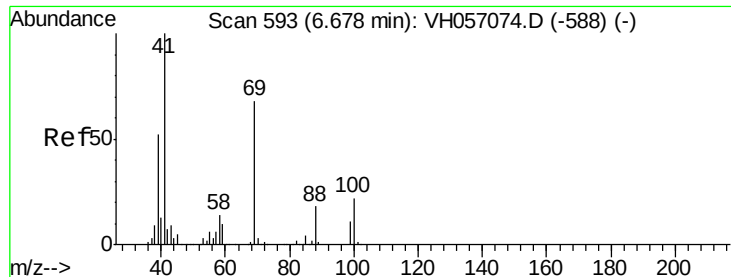


Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0





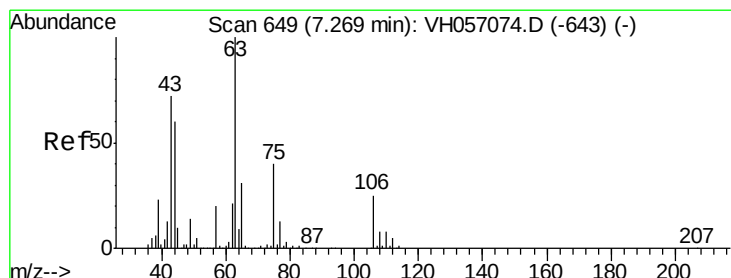
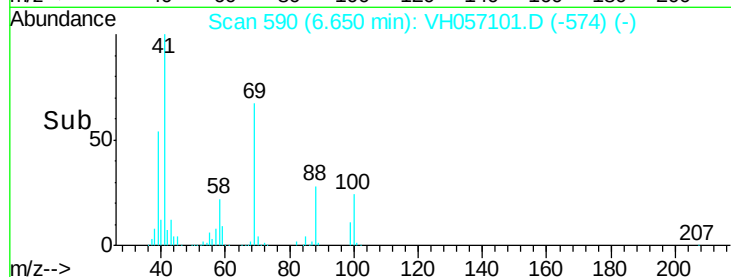
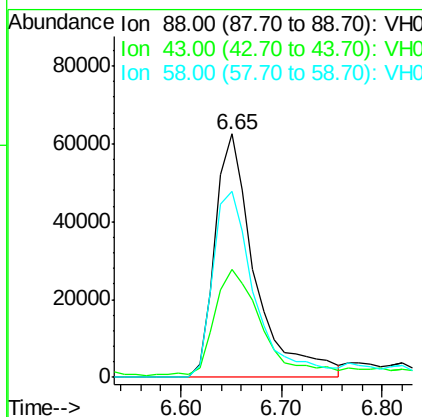
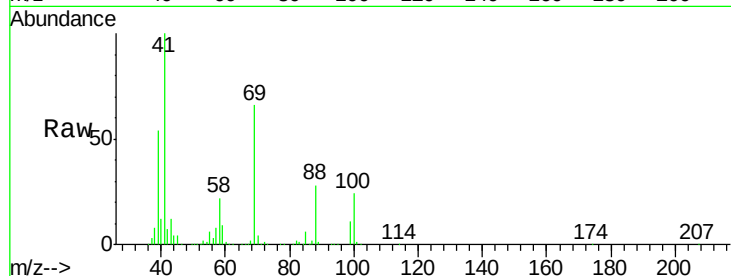
#53
1,4-Dioxane
Concen: 1027.82 ug/l
RT: 6.65 min Scan# 590
Delta R.T. -0.03 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	172692		
43	44.1	39.6	59.4	
58	76.4	61.4	92.2	

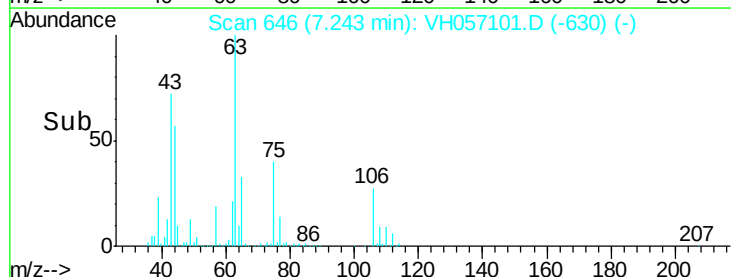
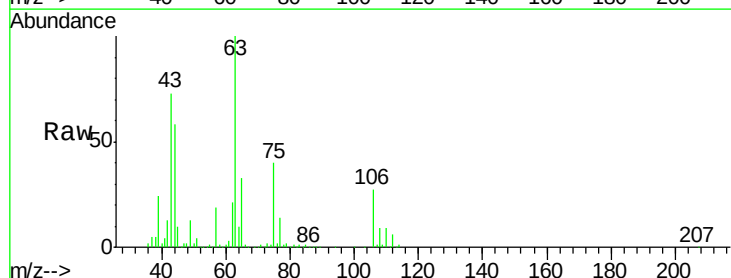
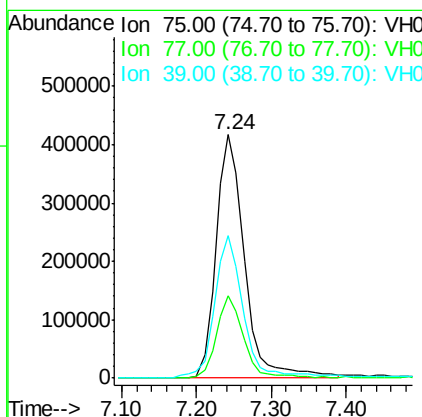
Manual Integrations
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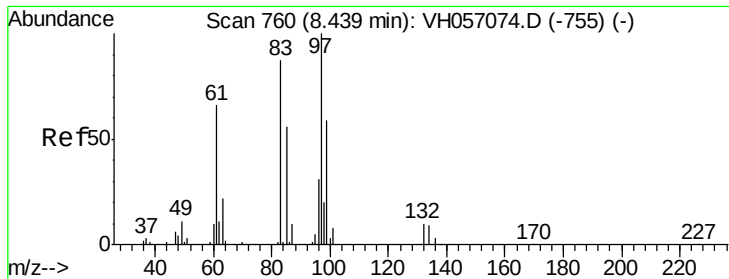
MMDadoda
9/23/2015 11:46:38 AM



#54
cis-1,3-Dichloropropene
Concen: 46.47 ug/l
RT: 7.24 min Scan# 646
Delta R.T. -0.03 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1090986		
77	33.7	25.2	37.8	
39	58.6	50.7	76.1	





#55

1,1,2-Trichloroethane

Concen: 49.25 ug/l

RT: 8.42 min Scan# 758

Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

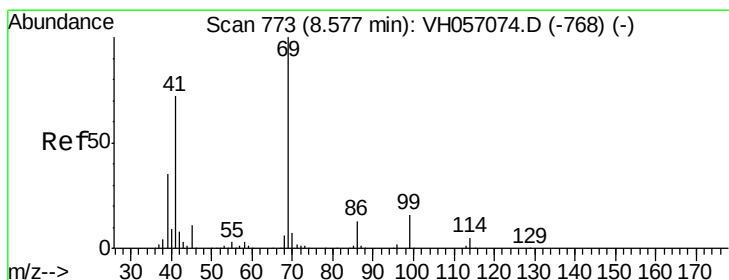
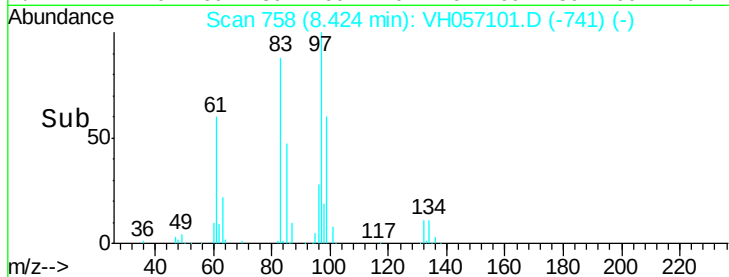
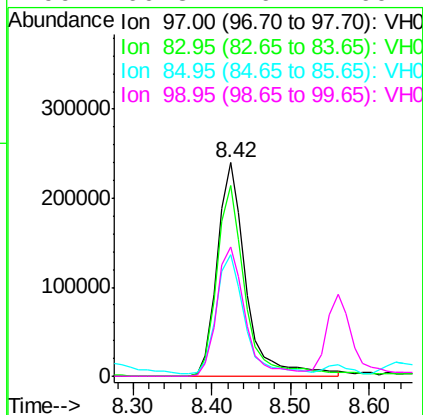
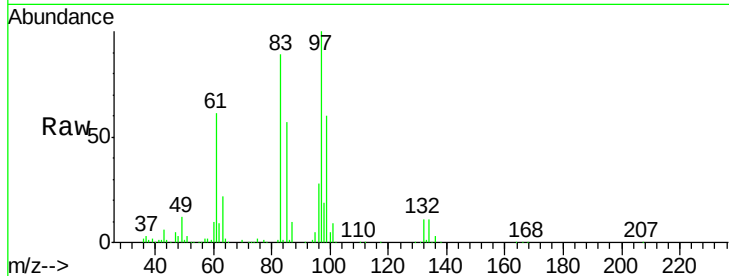
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	72.7	109.1
85	57.1	45.5	68.3
99	60.3	46.2	69.2

Manual Integrations
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9/23/2015 11:46:38 AM



#56

Ethyl Methacrylate

Concen: 47.36 ug/l

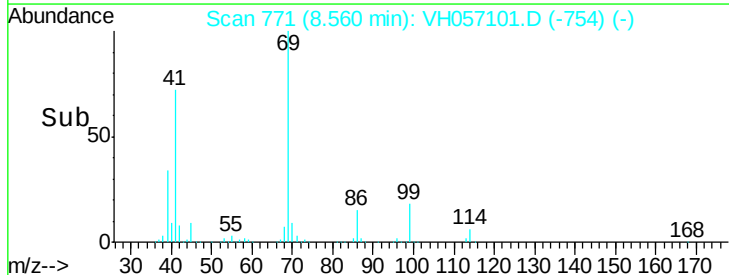
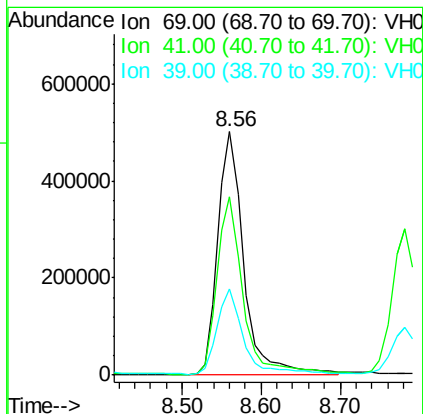
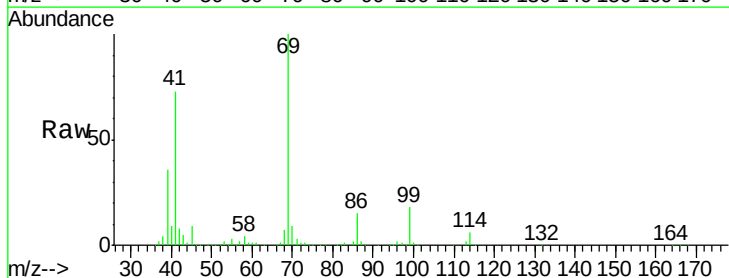
RT: 8.56 min Scan# 771

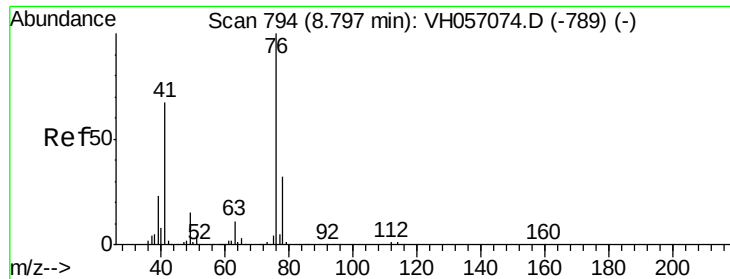
Delta R.T. -0.02 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.2	39.1	117.3
39	35.5	19.2	57.6





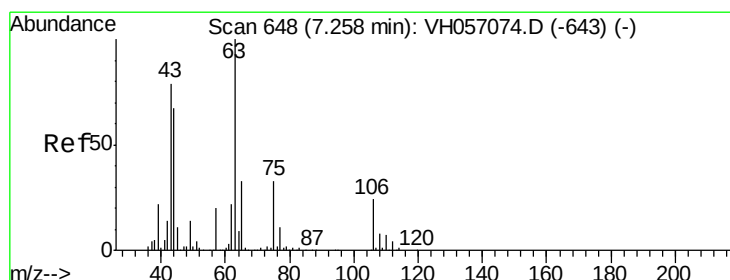
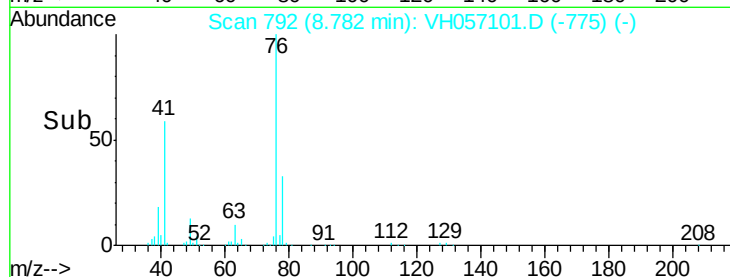
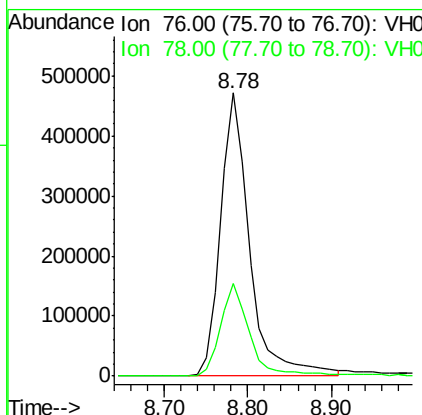
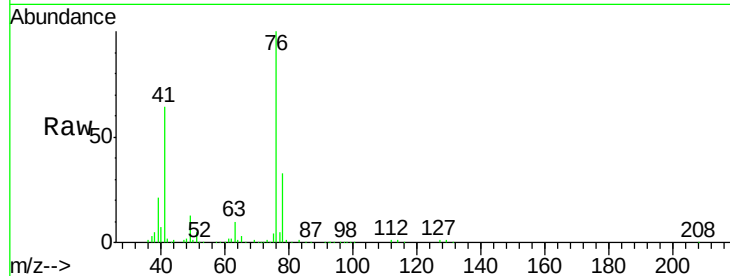
#57
 1,3-Dichloropropane
 Concen: 45.04 ug/l
 RT: 8.78 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 1136927
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.7 38.5

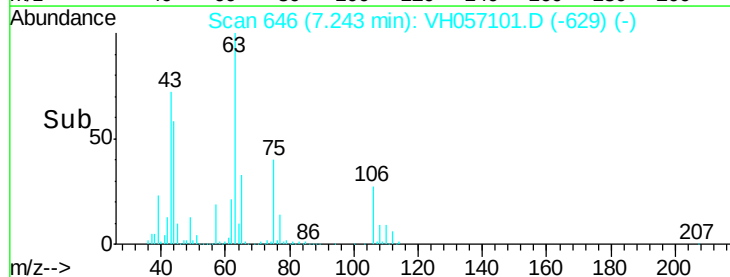
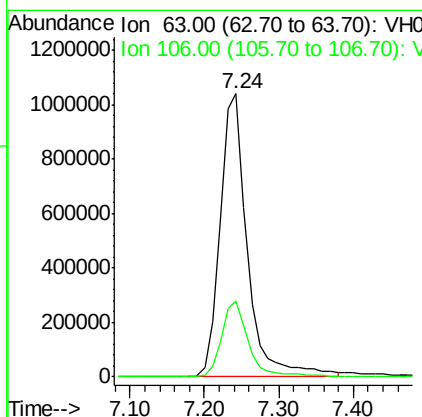
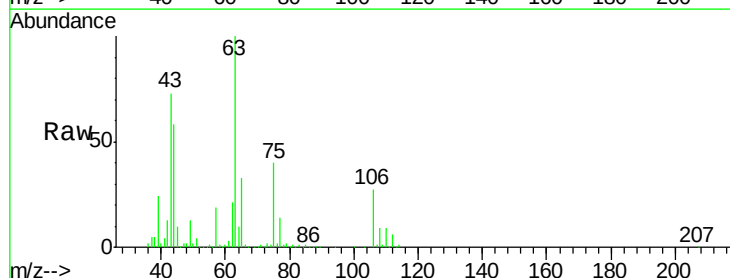
Manual Integrations
 APPROVED

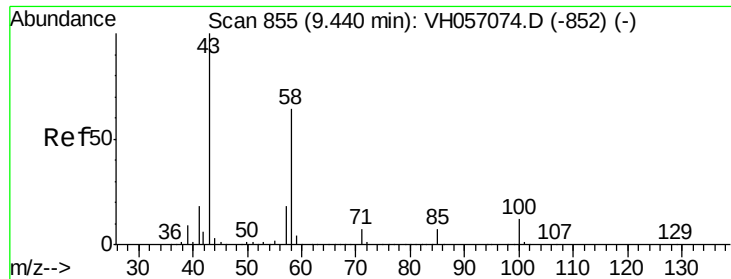
MMDadoda
 9/23/2015 11:46:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 218.94 ug/l
 RT: 7.24 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion: 63 Resp: 2653383
 Ion Ratio Lower Upper
 63 100
 106 26.9 18.0 27.0





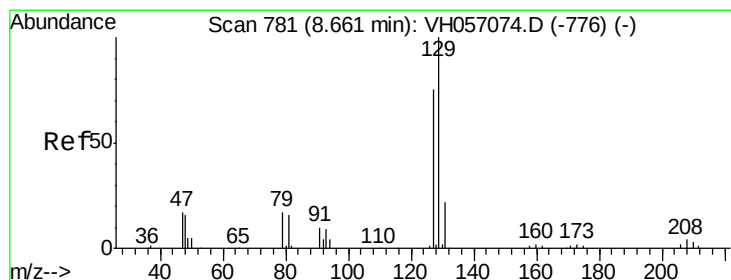
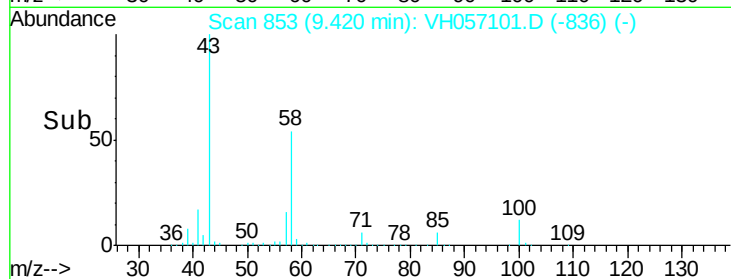
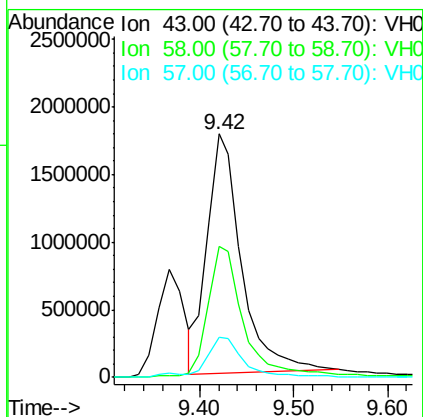
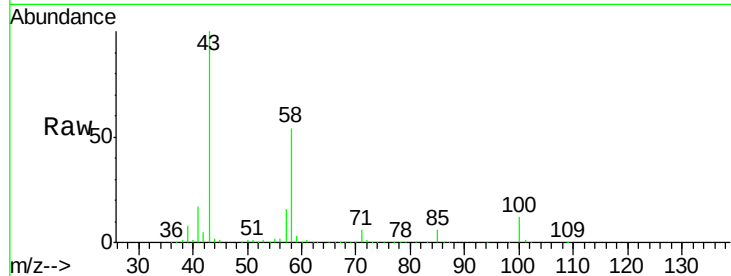
#59
2-Hexanone
Concen: 204.60 ug/l
RT: 9.42 min Scan# 853
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 4551387
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.2
57 16.3 8.1 24.3

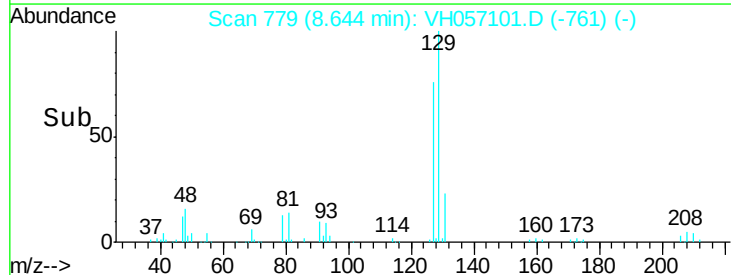
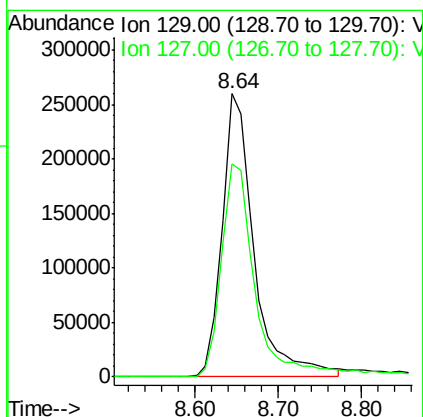
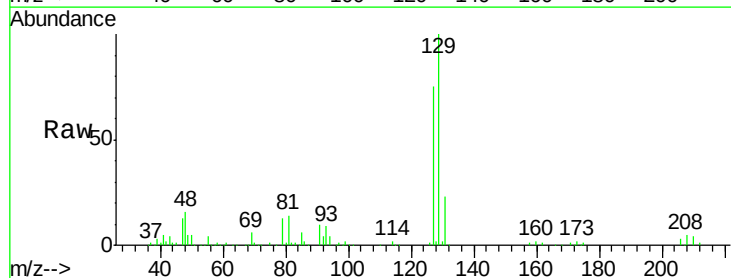
Manual Integrations
APPROVED

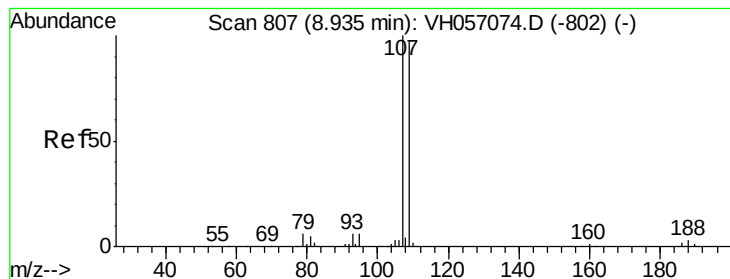
MMDadoda
9/23/2015 11:46:38 AM



#60
Dibromochloromethane
Concen: 48.22 ug/l
RT: 8.64 min Scan# 779
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion: 129 Resp: 678522
Ion Ratio Lower Upper
129 100
127 75.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.45 ug/l

RT: 8.91 min Scan# 804

Delta R.T. -0.03 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 720505

Ion Ratio Lower Upper

107 100

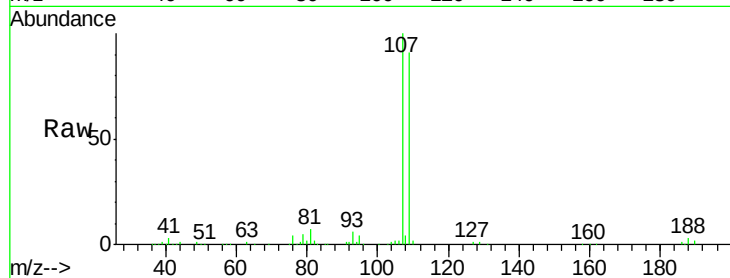
109 90.7 77.7 116.5

Manual Integrations

APPROVED

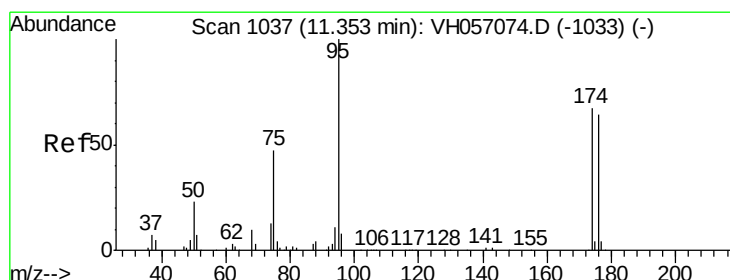
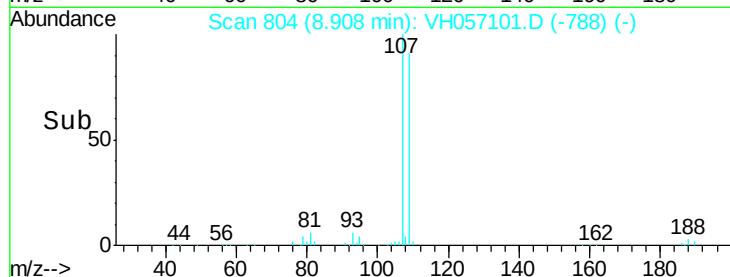
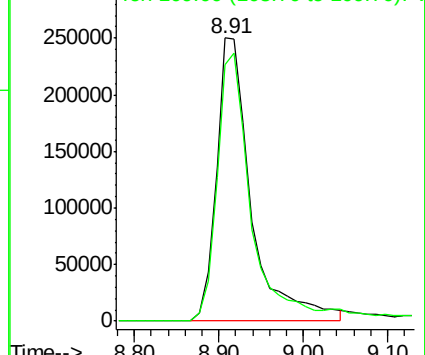
MMDadoda

9/23/2015 11:46:38 AM



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 40.69 ug/l

RT: 11.34 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

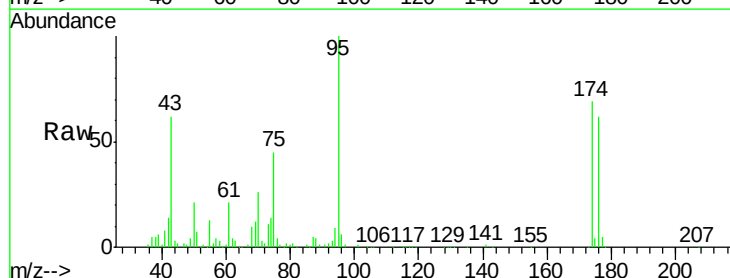
Tgt Ion: 95 Resp: 548285

Ion Ratio Lower Upper

95 100

174 68.8 58.4 87.6

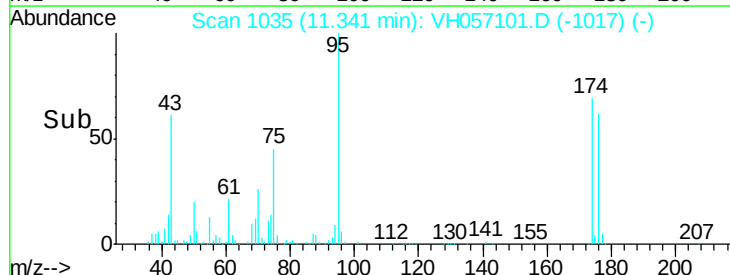
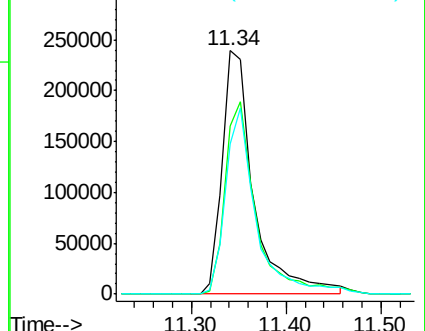
176 61.7 54.3 81.5

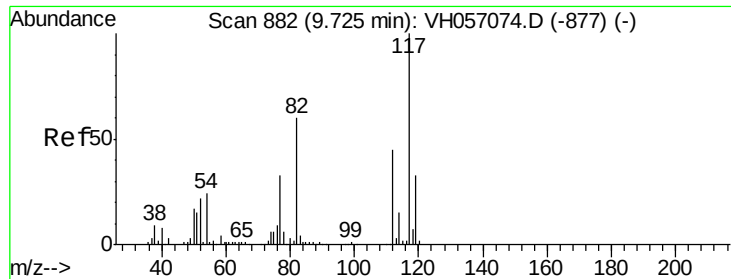


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





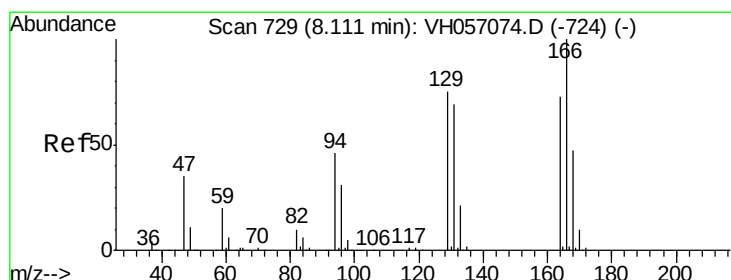
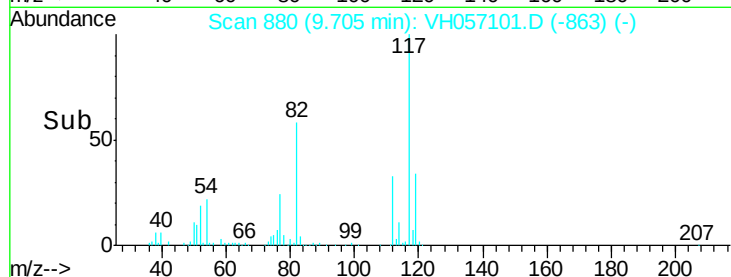
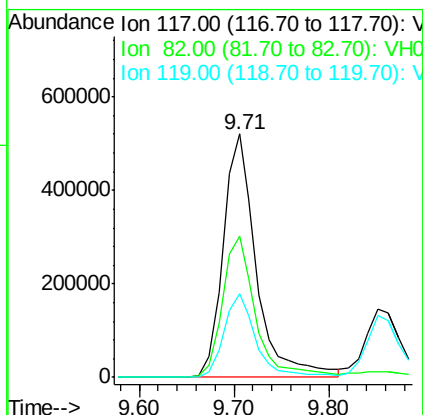
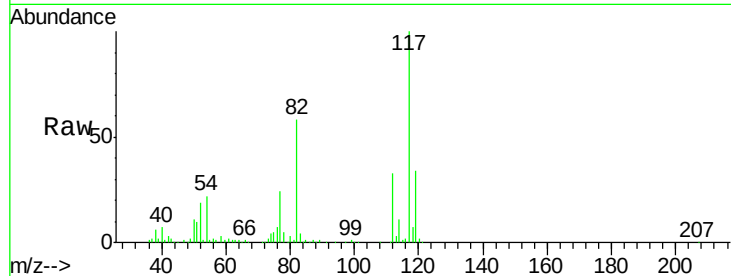
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 880
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 1268479
Ion Ratio Lower Upper
117 100
82 57.9 51.0 76.6
119 34.3 26.7 40.1

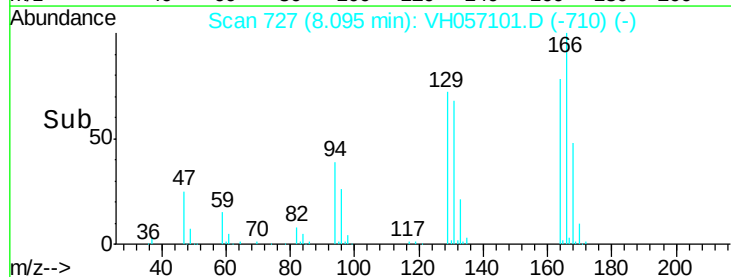
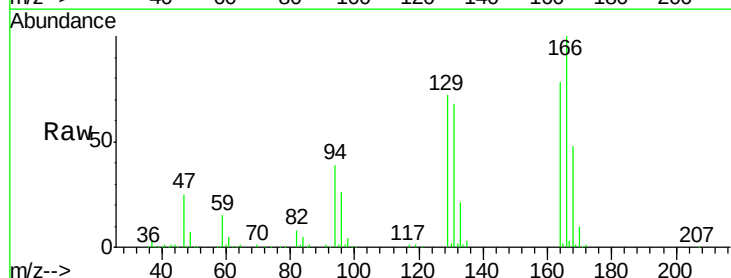
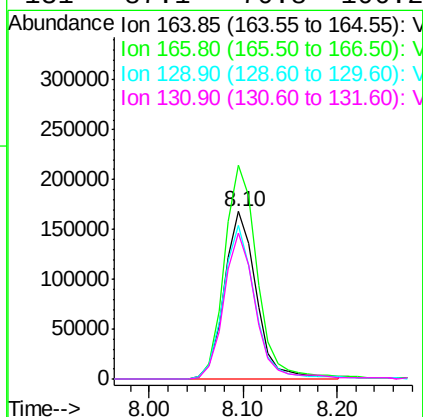
Manual Integrations
APPROVED

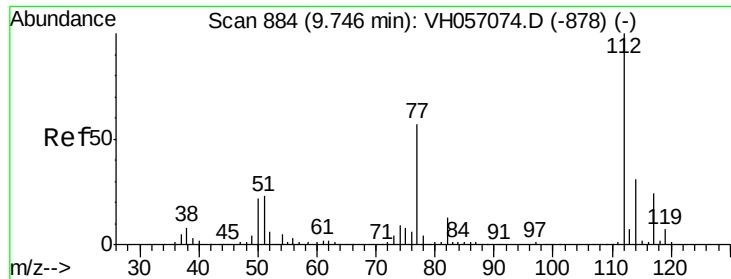
MMDadoda
9/23/2015 11:46:38 AM



#64
Tetrachloroethene
Concen: 55.70 ug/l
RT: 8.10 min Scan# 727
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion:164 Resp: 400347
Ion Ratio Lower Upper
164 100
166 127.6 103.2 154.8
129 91.5 73.4 110.0
131 87.1 70.8 106.2





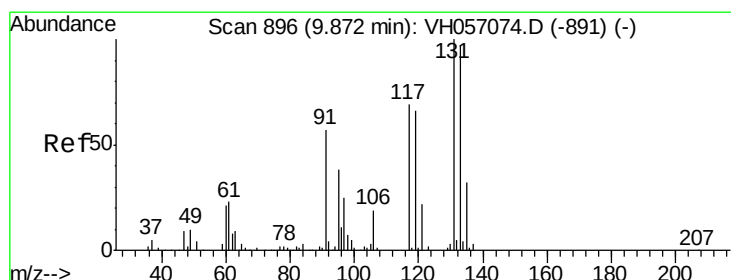
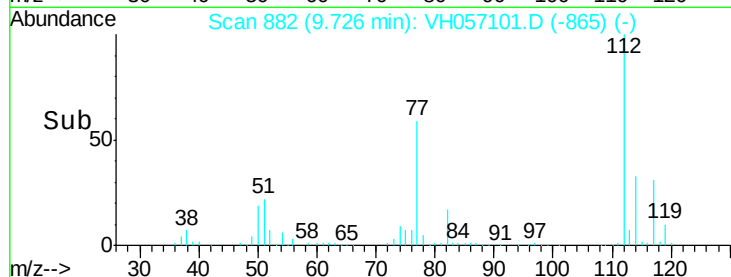
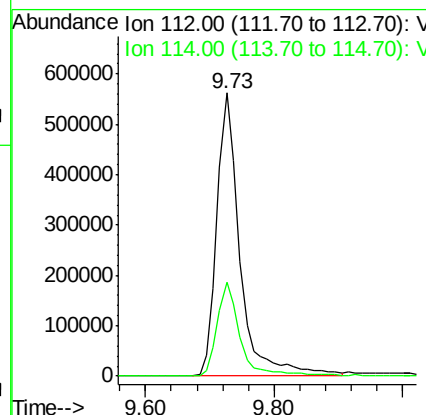
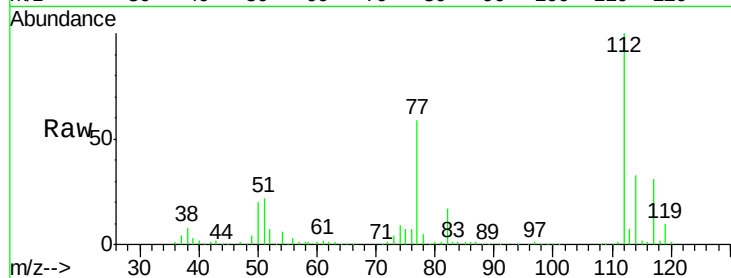
#65
Chlorobenzene
Concen: 51.40 ug/l
RT: 9.73 min Scan# 882
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 1418726
Ion Ratio Lower Upper
112 100
114 33.4 26.3 39.5

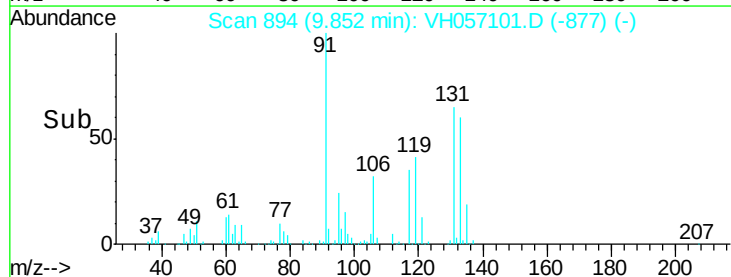
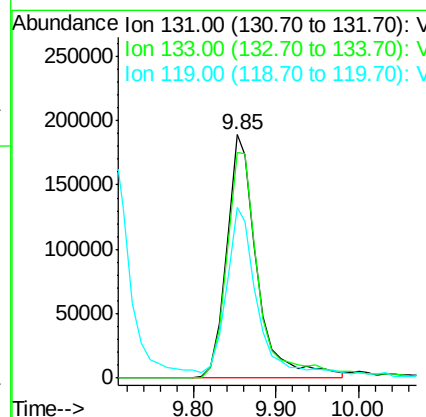
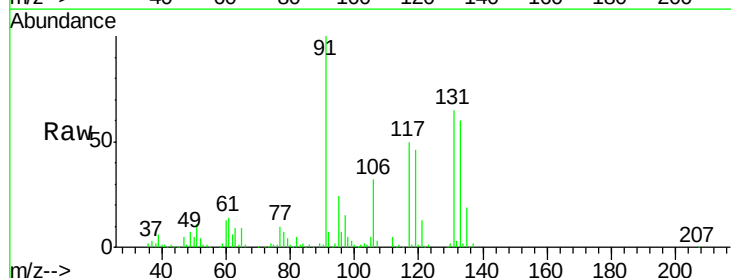
Manual Integrations
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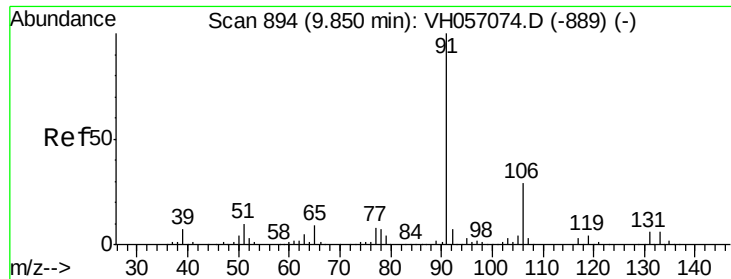
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.41 ug/l
RT: 9.85 min Scan# 894
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion:131 Resp: 489633
Ion Ratio Lower Upper
131 100
133 92.5 51.1 153.3
119 70.3 36.3 108.9





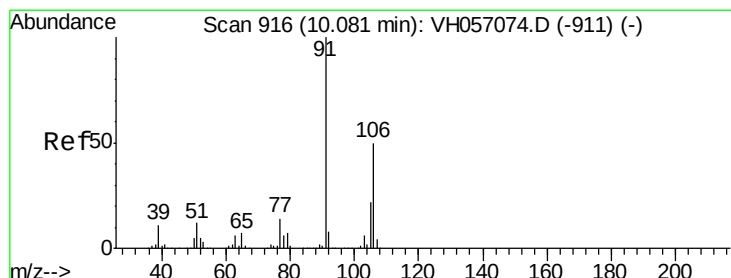
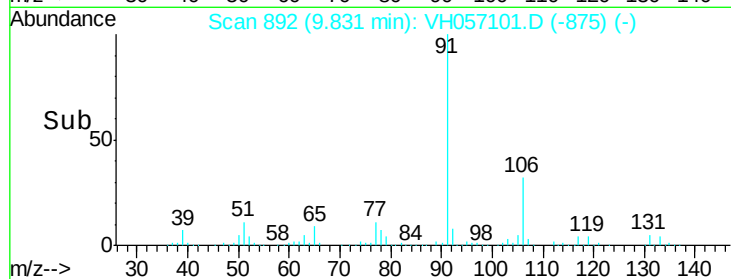
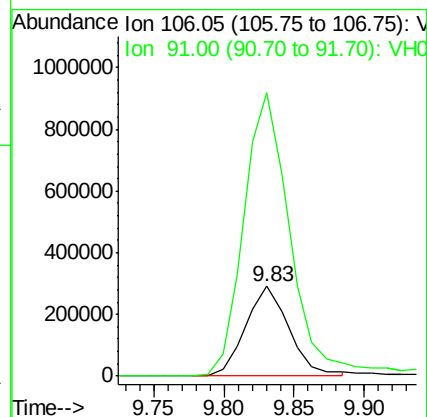
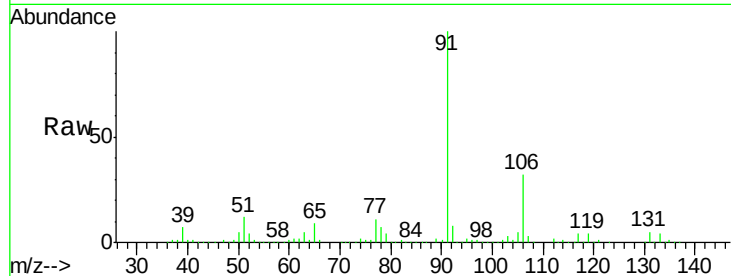
#67
Ethyl Benzene
Concen: 47.76 ug/l
RT: 9.83 min Scan# 892
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 630969
Ion Ratio Lower Upper
106 100
91 314.5 264.9 397.3

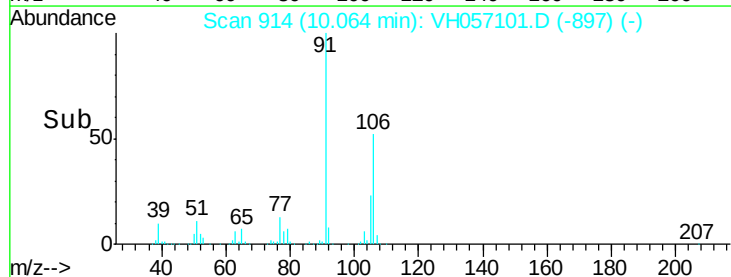
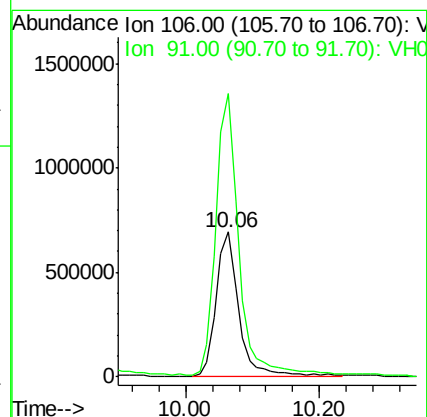
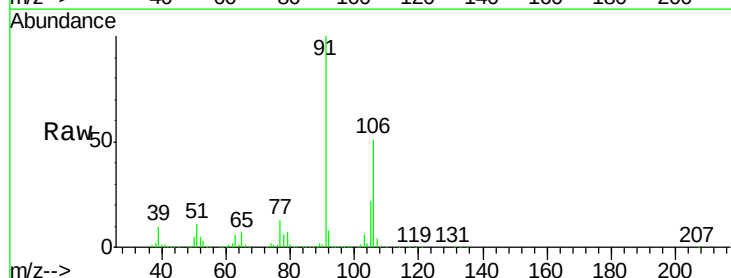
Manual Integrations
APPROVED

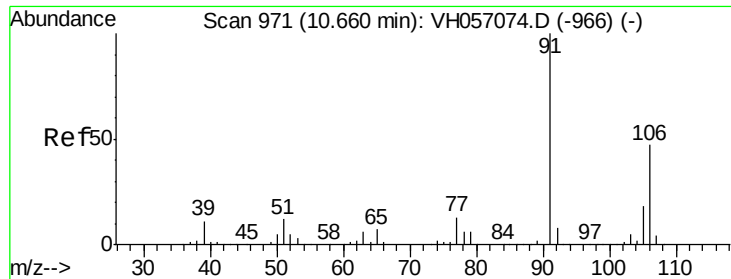
MMDadoda
9/23/2015 11:46:38 AM



#68
m/p-Xylenes
Concen: 99.51 ug/l
RT: 10.06 min Scan# 914
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion:106 Resp: 1599215
Ion Ratio Lower Upper
106 100
91 195.7 164.4 246.6





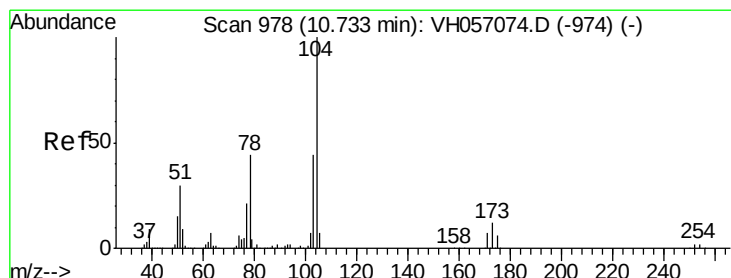
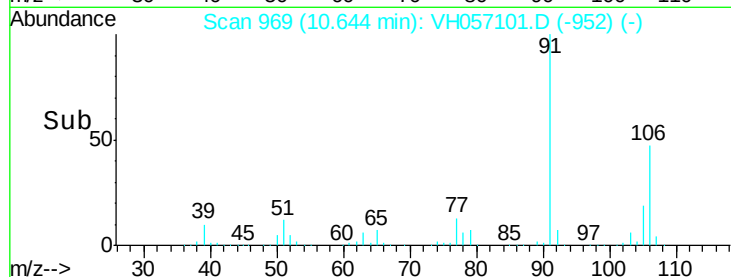
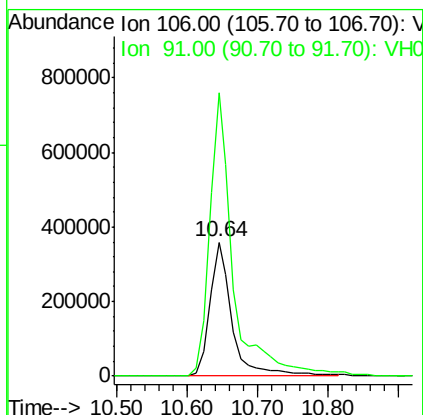
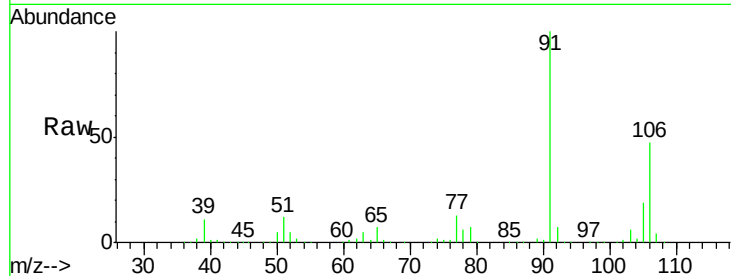
#69
o-Xylene
Concen: 51.17 ug/l
RT: 10.64 min Scan# 969
Delta R.T. -0.02 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 789579
Ion Ratio Lower Upper
106 100
91 211.7 104.2 312.6

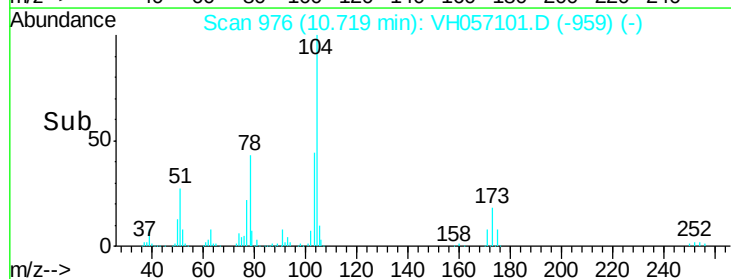
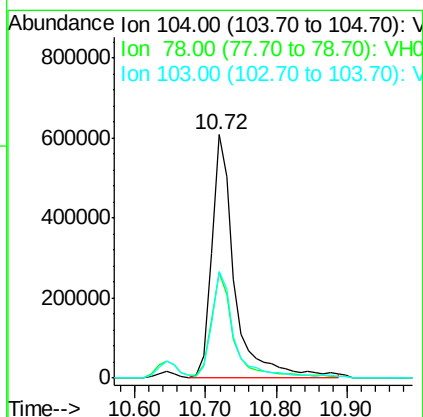
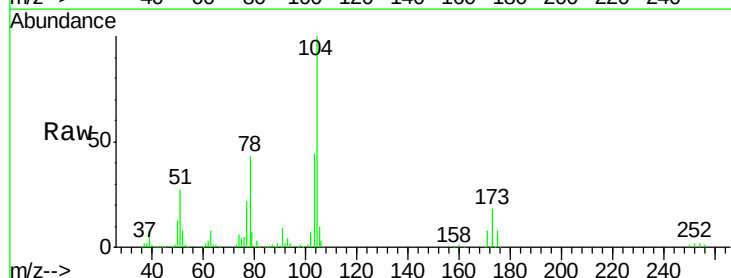
Manual Integrations
APPROVED

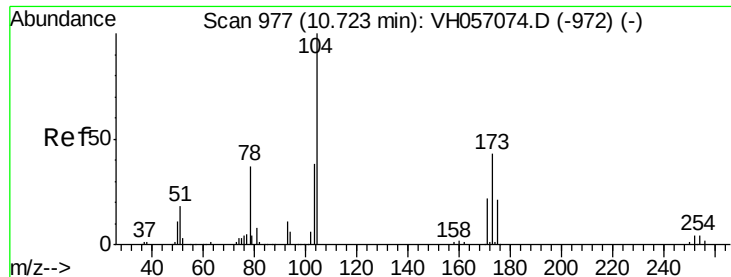
MMDadoda
9/23/2015 11:46:38 AM



#70
Styrene
Concen: 50.43 ug/l
RT: 10.72 min Scan# 976
Delta R.T. -0.01 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion:104 Resp: 1359076
Ion Ratio Lower Upper
104 100
78 43.1 35.2 52.8
103 43.8 35.8 53.6





#71

Bromoform

Concen: 56.71 ug/l

RT: 10.71 min Scan# 975

Delta R.T. -0.01 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

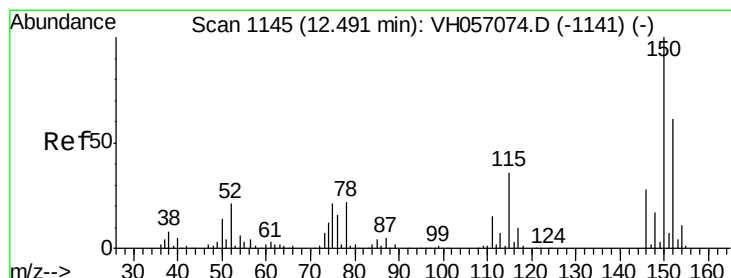
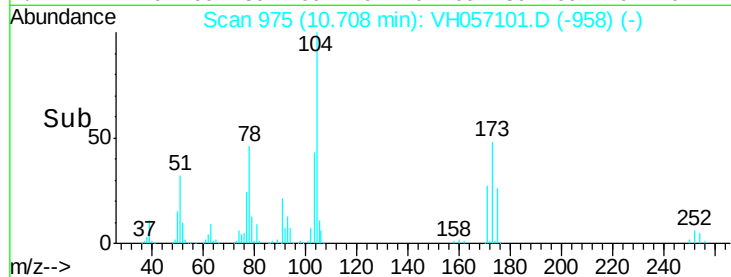
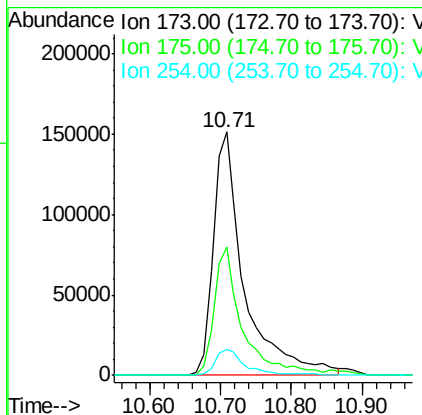
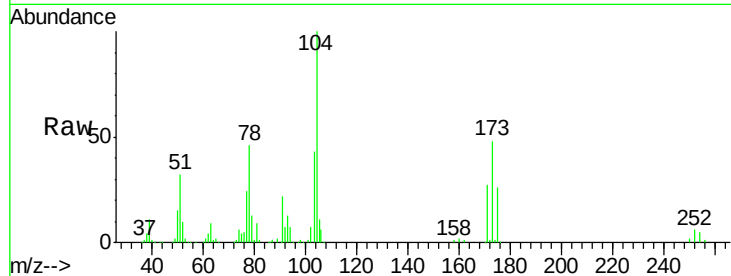
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	462130
Ion Ratio	Lower	Upper	
173	100		
175	52.7	23.3	69.9
254	10.8	4.4	13.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

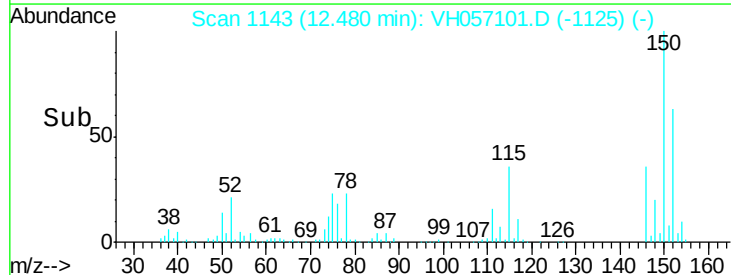
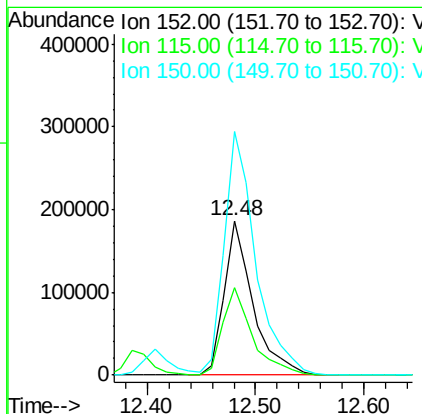
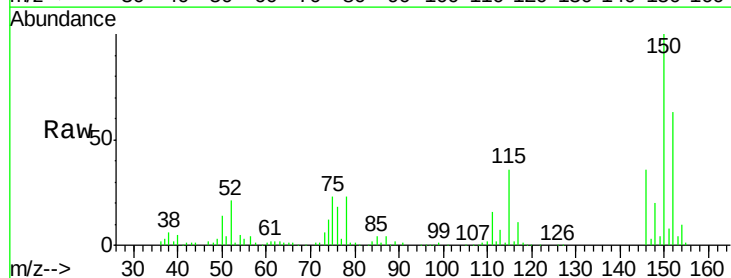
RT: 12.48 min Scan# 1143

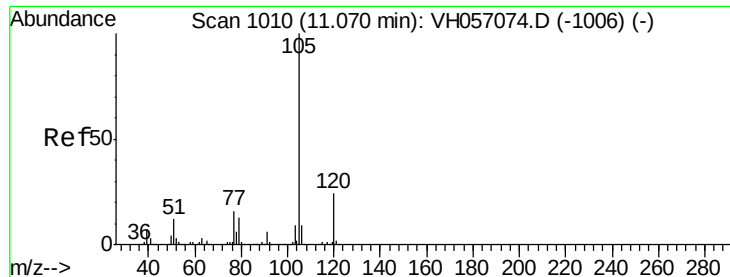
Delta R.T. -0.01 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion:	152	Resp:	343068
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.2	84.6
150	158.1	0.0	332.0





#73

Isopropylbenzene

Concen: 51.38 ug/l

RT: 11.06 min Scan# 1008

Delta R.T. -0.01 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1609850

Ion Ratio Lower Upper

105 100

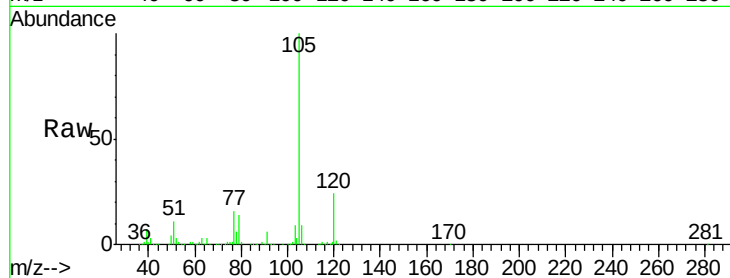
120 23.8 12.2 36.4

Manual Integrations

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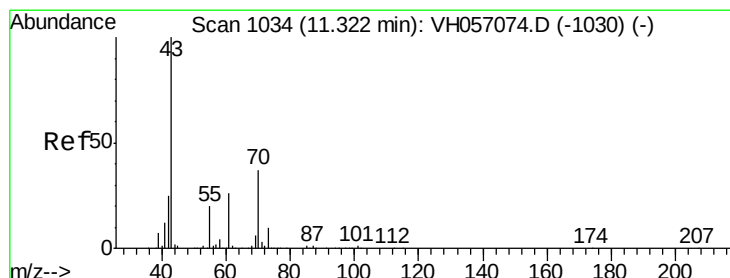
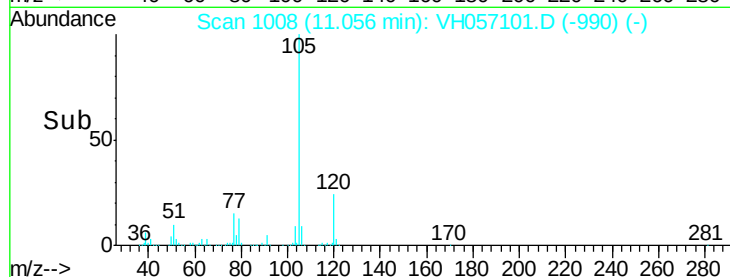
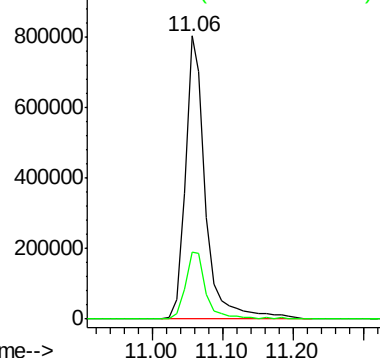
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

n-Amyl Acetate

Concen: 51.77 ug/l

RT: 11.31 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion: 43 Resp: 1723412

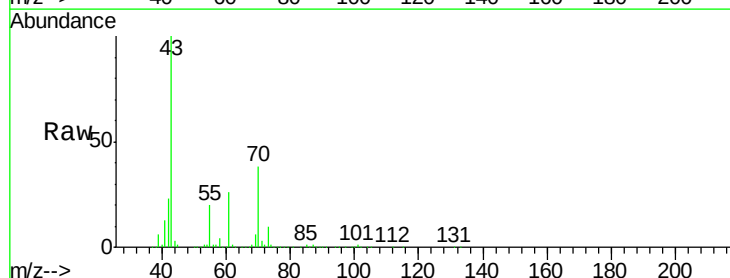
Ion Ratio Lower Upper

43 100

70 38.2 27.3 40.9

55 20.4 15.3 22.9

61 26.0 19.4 29.0

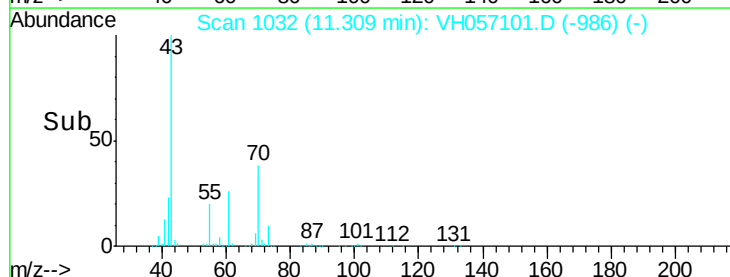
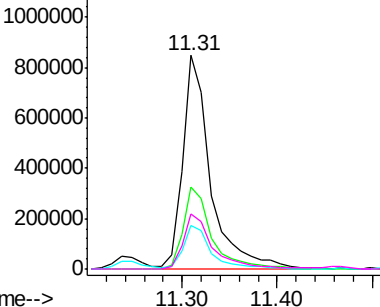


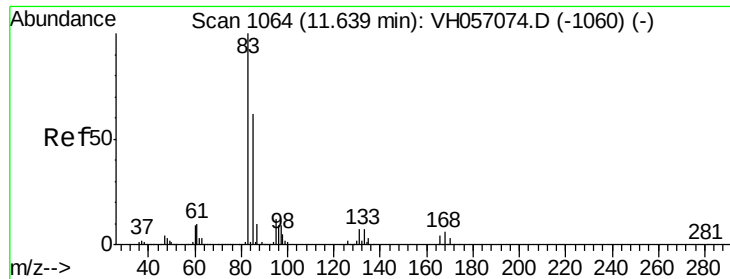
Abundance Ion 43.05 (42.75 to 43.75): VH0

Ion 70.05 (69.75 to 70.75): VH0

Ion 55.05 (54.75 to 55.75): VH0

Ion 61.00 (60.70 to 61.70): VH0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.32 ug/l

RT: 11.64 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 892200
Ion Ratio Lower Upper

83 100

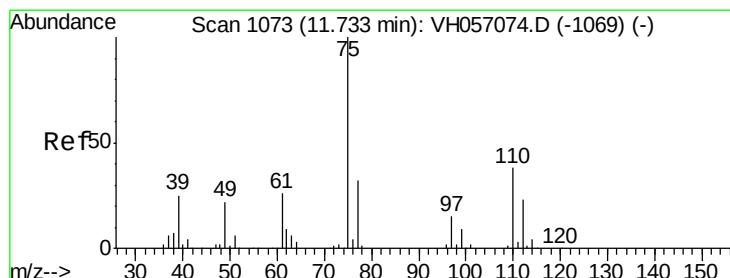
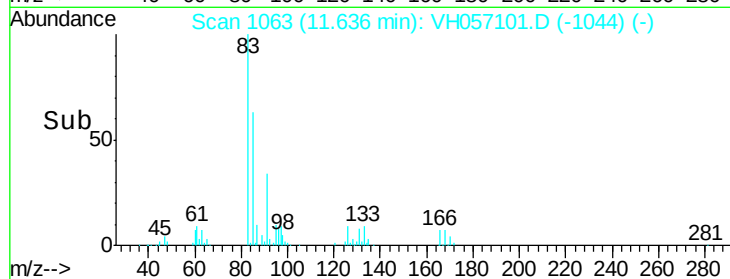
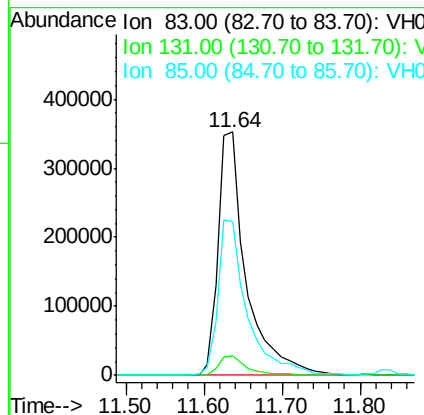
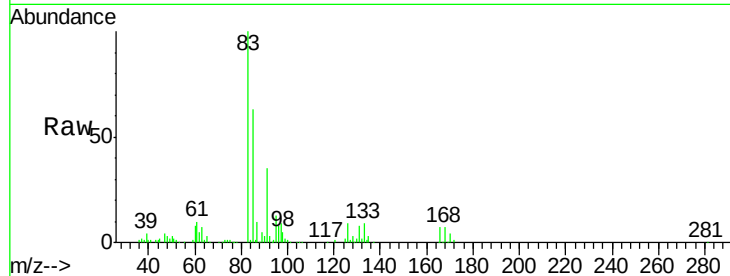
131 8.2 3.1 9.3

85 63.4 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.46 ug/l

RT: 11.73 min Scan# 1072

Delta R.T. -0.00 min

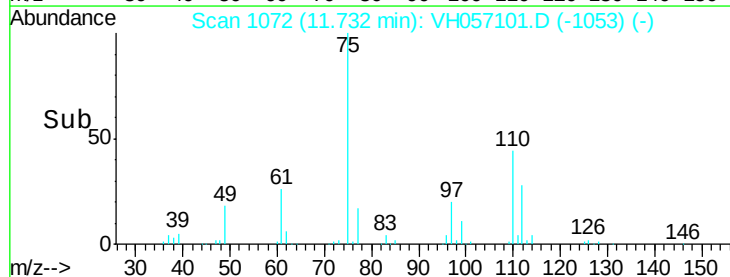
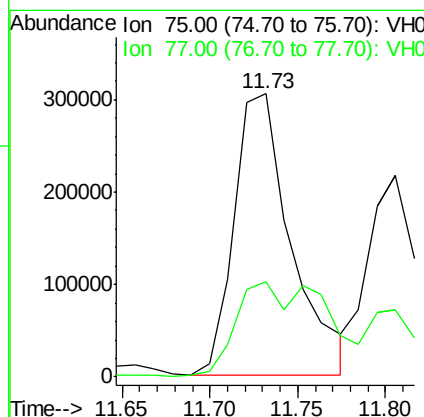
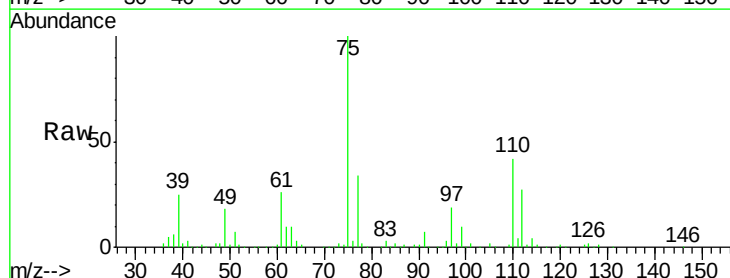
Lab File: VH057101.D

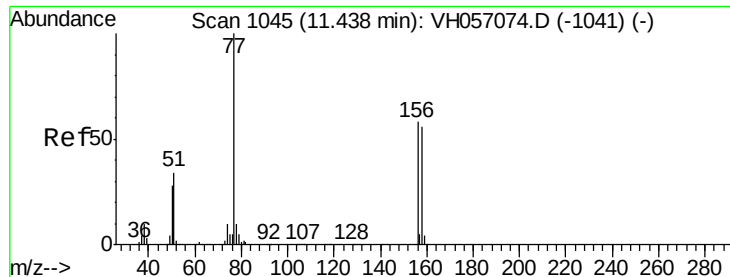
Acq: 22 Sep 2015 11:57

Tgt Ion: 75 Resp: 688907
Ion Ratio Lower Upper

75 100

77 33.5 14.9 44.9





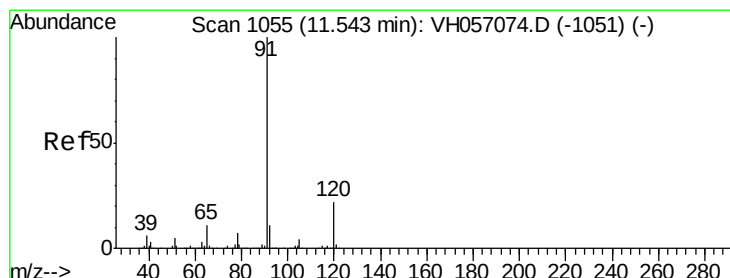
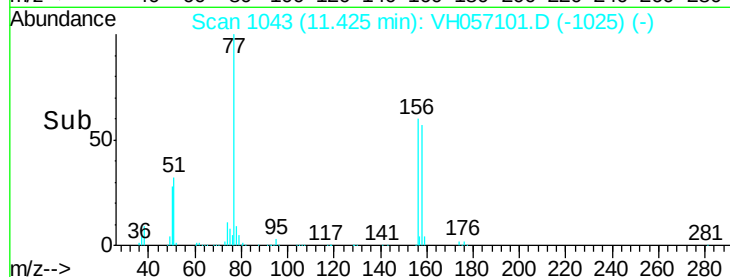
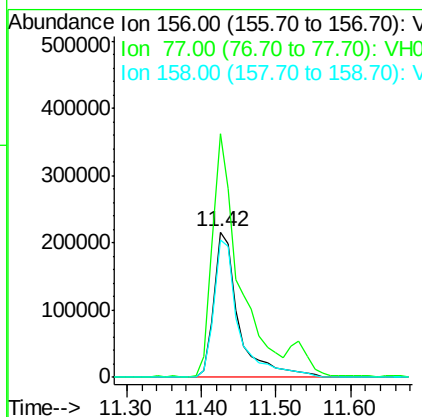
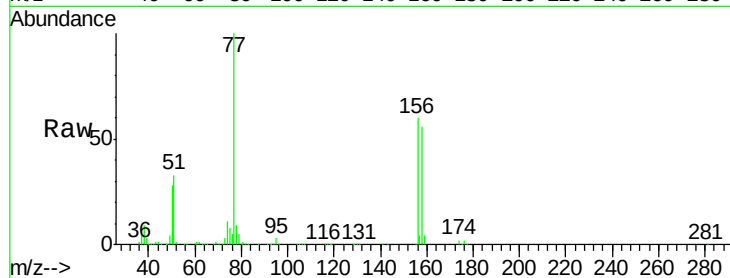
#77
Bromobenzene
Concen: 55.70 ug/l
RT: 11.42 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	167.8	73.5	220.5
158	94.7	46.8	140.3

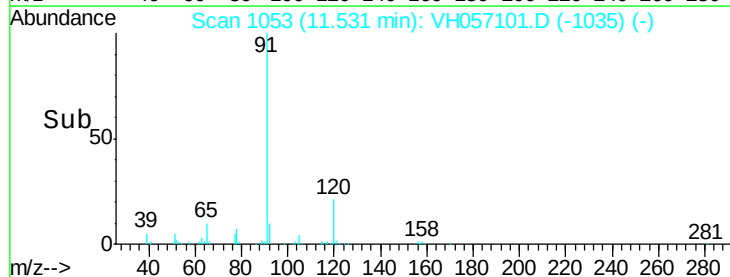
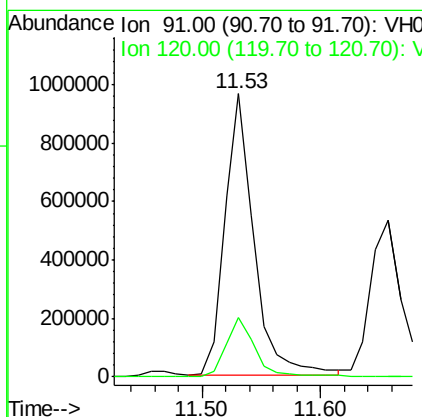
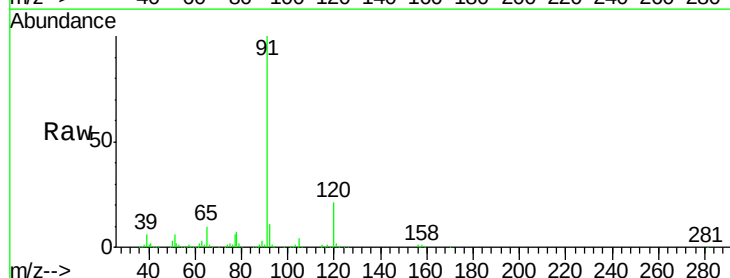
Manual Integrations
APPROVED

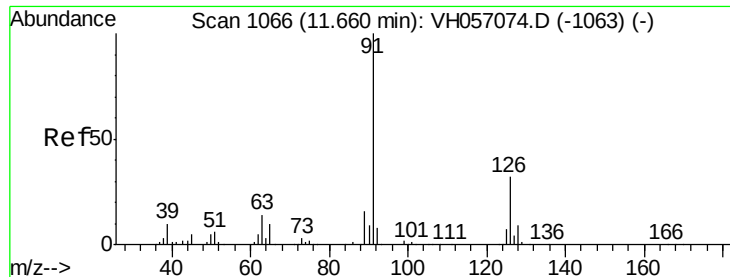
MMDadoda
9/23/2015 11:46:38 AM



#78
n-propylbenzene
Concen: 48.65 ug/l
RT: 11.53 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.2	10.2	30.6





#79

2-Chlorotoluene

Concen: 48.14 ug/l

RT: 11.66 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

ClientSampled :

VSTDCCC050

Tgt Ion: 91 Resp: 972854

Ion Ratio Lower Upper

91 100

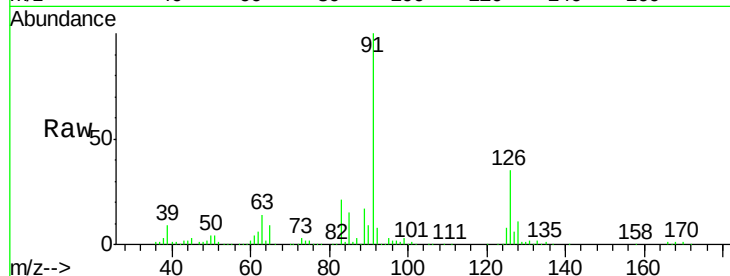
126 35.0 16.3 48.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VH057101.D (-1063) (-)

Ion 126.00 (125.70 to 126.70): VH057101.D (-1063) (-)

11.66

500000

400000

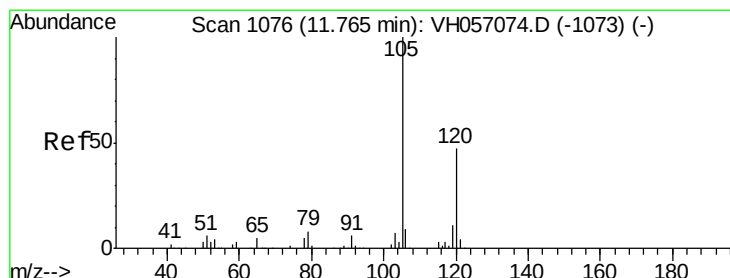
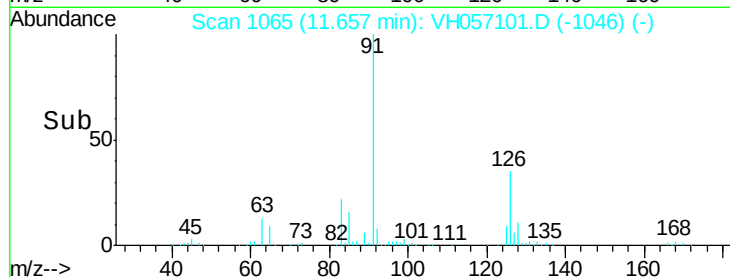
300000

200000

100000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.12 ug/l

RT: 11.76 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VH057101.D

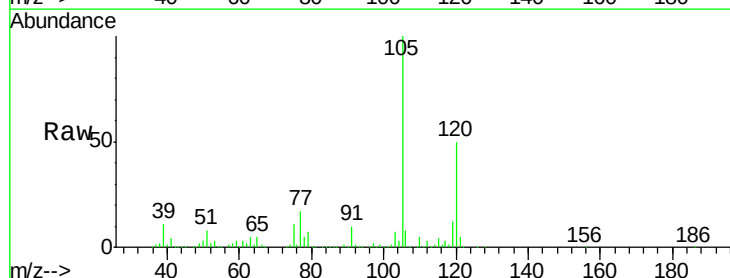
Acq: 22 Sep 2015 11:57

Tgt Ion: 105 Resp: 985141

Ion Ratio Lower Upper

105 100

120 50.2 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): VH057101.D (-1073) (-)

Ion 120.00 (119.70 to 120.70): VH057101.D (-1073) (-)

11.76

600000

500000

400000

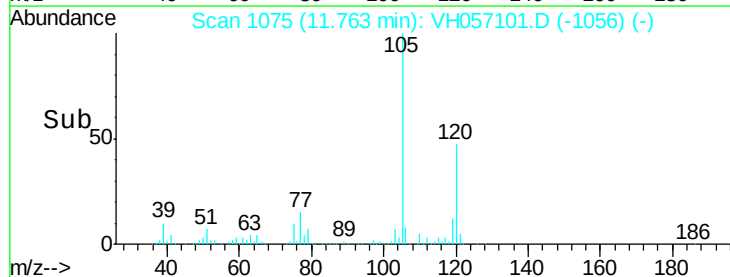
300000

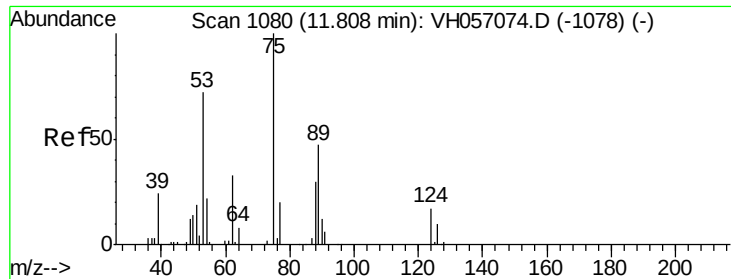
200000

100000

0

Time-->





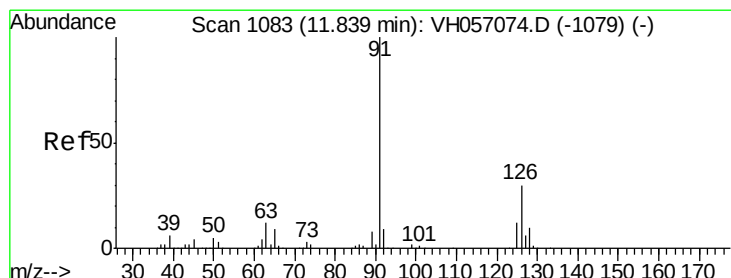
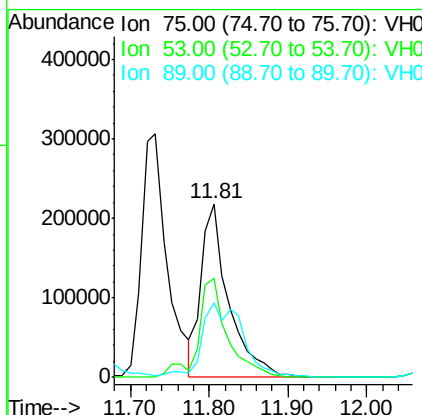
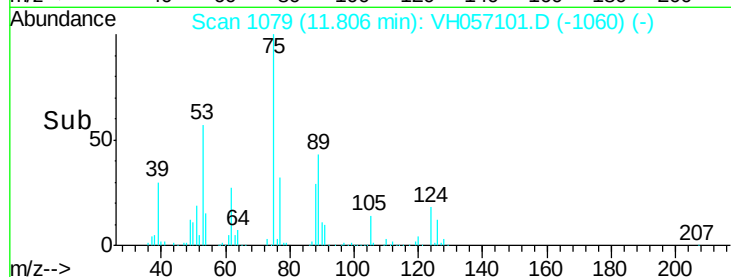
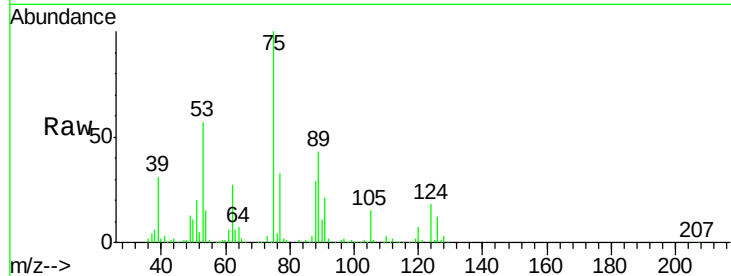
#81
trans-1,4-Dichloro-2-Butene
Concen: 56.55 ug/l
RT: 11.81 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Instrument :
MSVOA_H
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	57.2	32.0	96.2
89	43.2	21.1	63.3

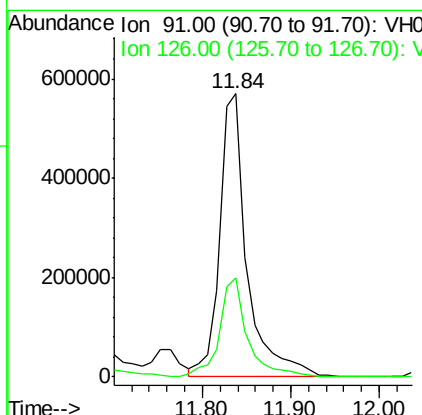
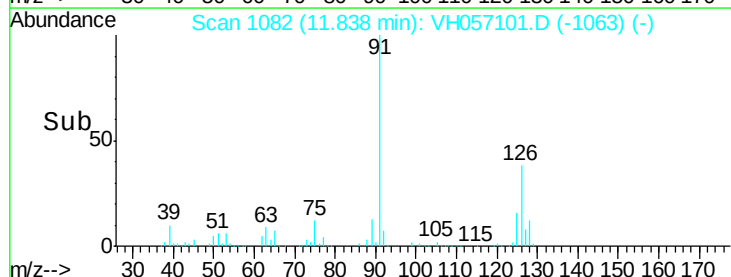
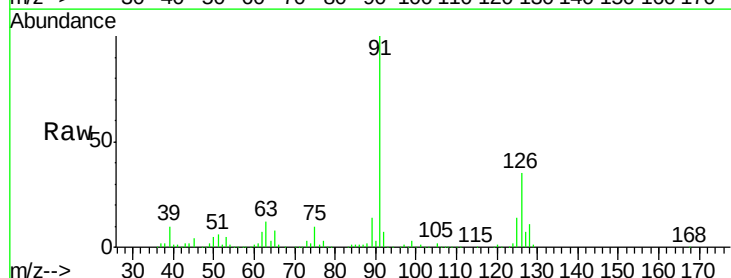
Manual Integrations
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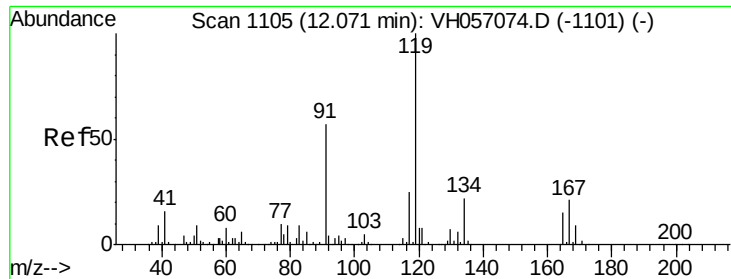
MMDadoda
9/23/2015 11:46:38 AM



#82
4-Chlorotoluene
Concen: 49.46 ug/l
RT: 11.84 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VH057101.D
Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.0	51.0





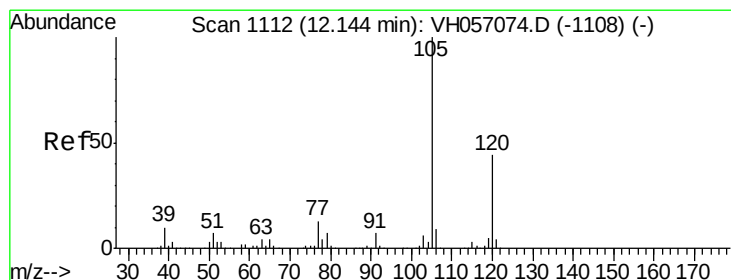
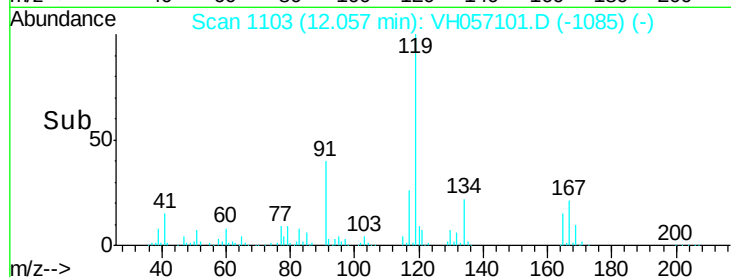
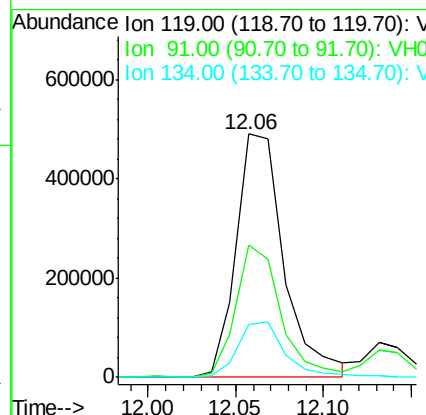
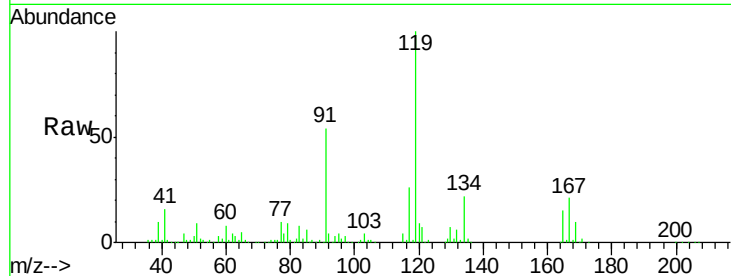
#83
 tert-Butylbenzene
 Concen: 48.27 ug/l
 RT: 12.06 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	932932		
91	54.1	28.5	85.6	
134	21.8	11.5	34.5	

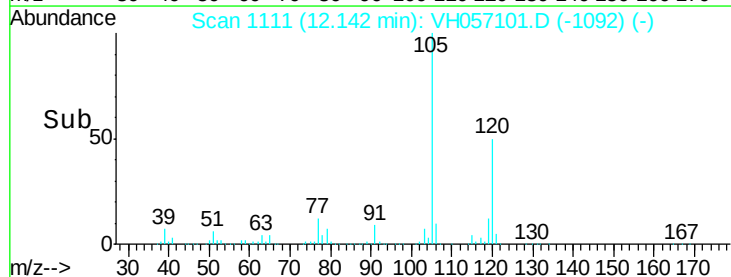
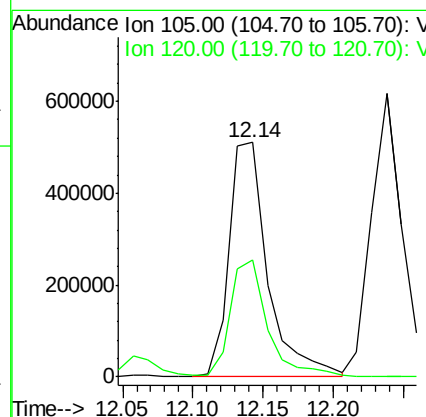
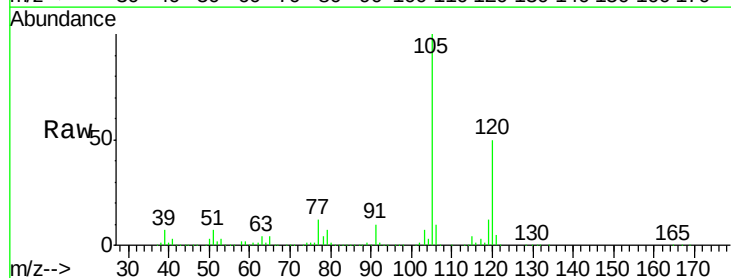
Manual Integrations
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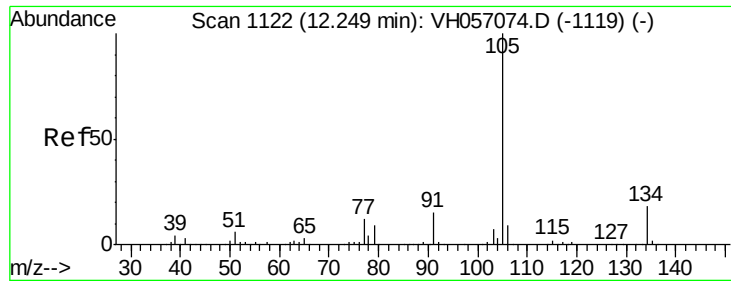
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.36 ug/l
 RT: 12.14 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	979501		
120	50.0	22.6	67.7	





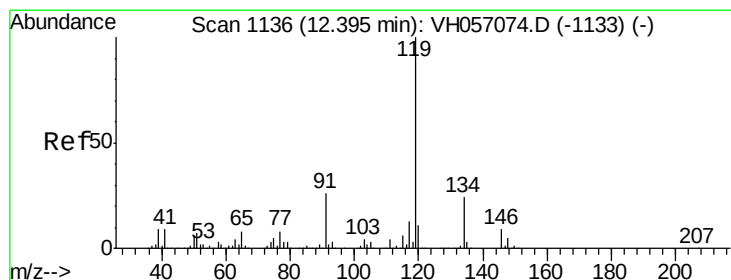
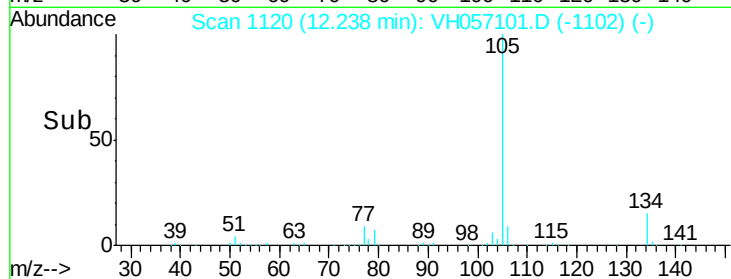
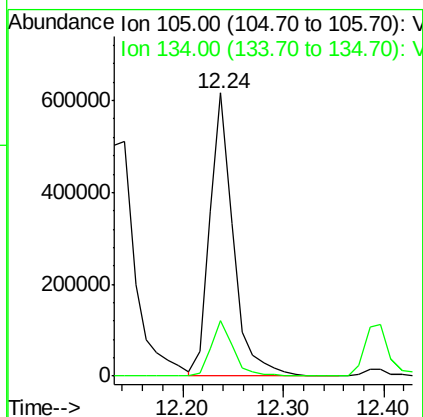
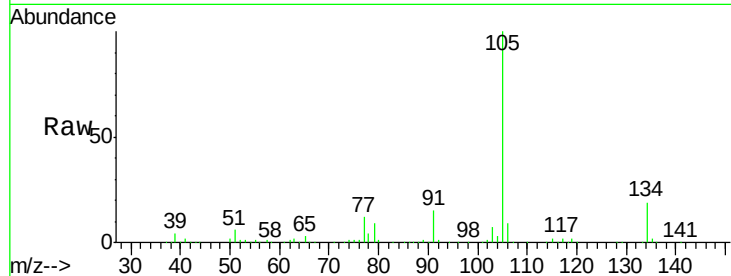
#85
 sec-Butylbenzene
 Concen: 47.75 ug/l
 RT: 12.24 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.1	27.3

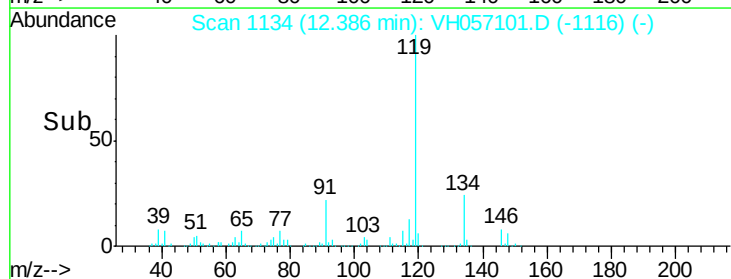
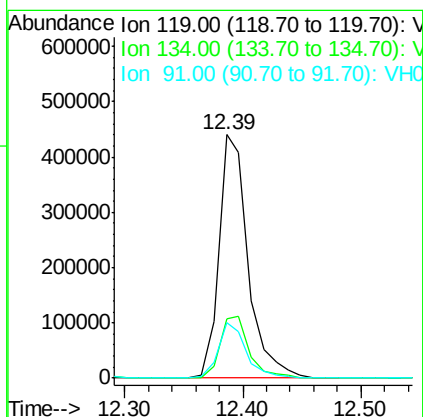
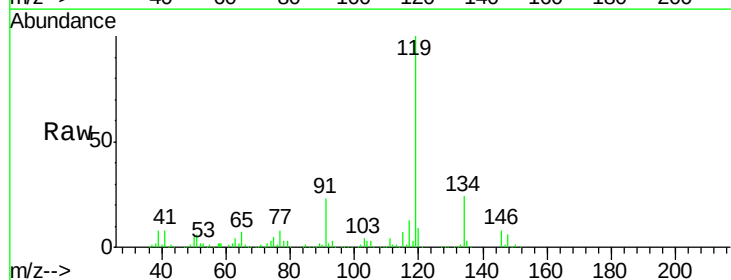
Manual Integrations
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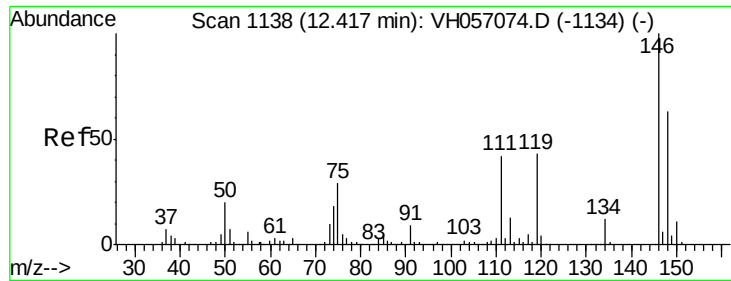
MMDadoda
 9/23/2015 11:46:38 AM



#86
 p-Isopropyltoluene
 Concen: 48.13 ug/l
 RT: 12.39 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.3	13.0	38.9
91	22.5	12.5	37.5





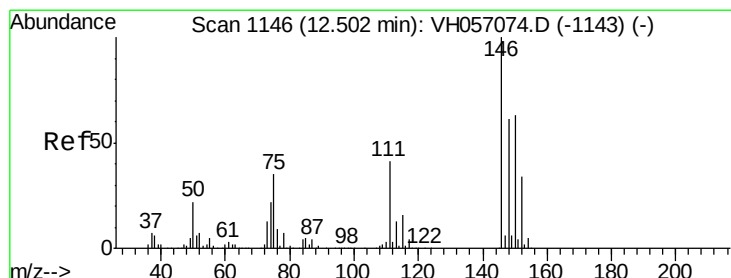
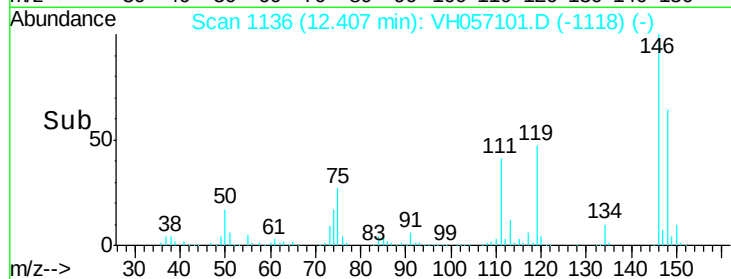
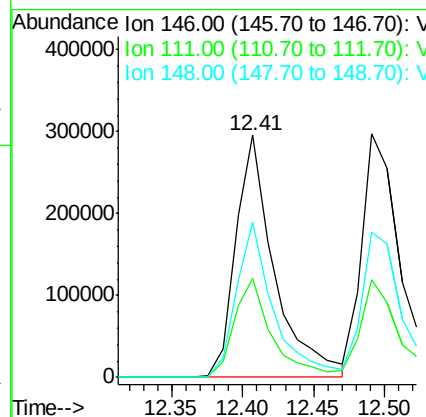
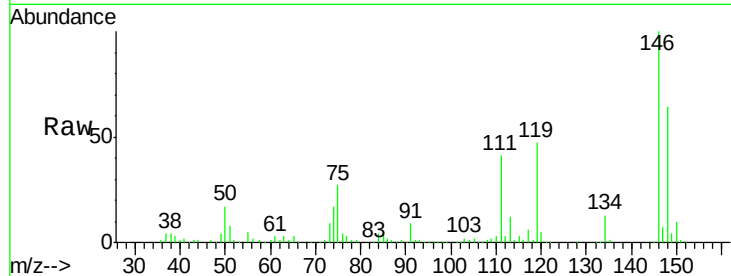
#87
 1,3-Dichlorobenzene
 Concen: 52.78 ug/l
 RT: 12.41 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	40.8	21.0	63.0
148	64.1	31.6	94.7

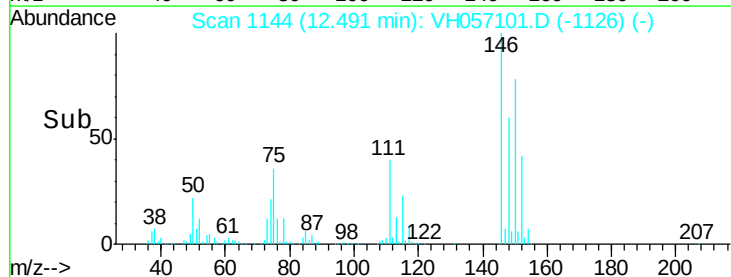
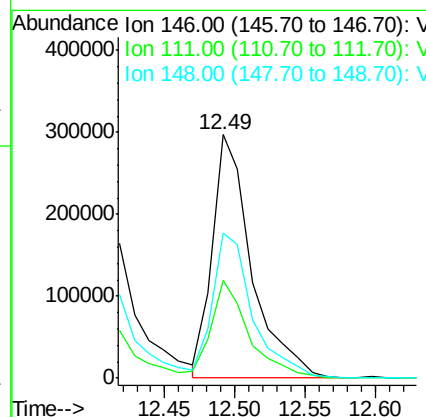
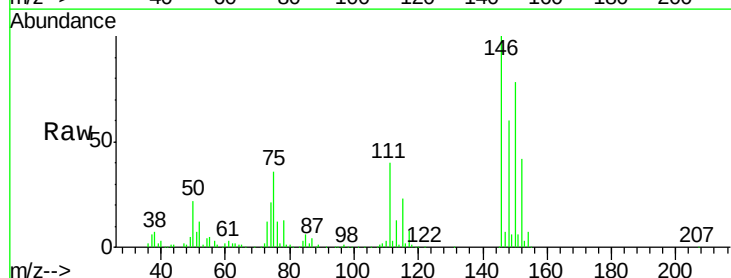
Manual Integrations
 APPROVED

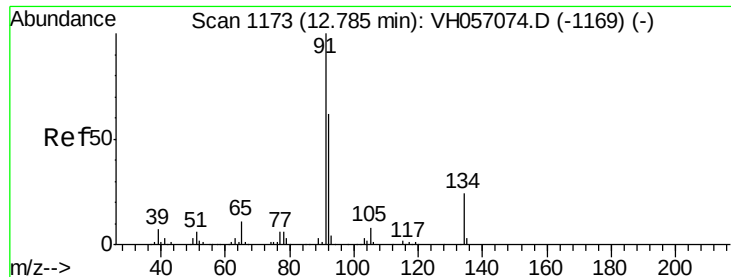
MMDadoda
 9/23/2015 11:46:38 AM



#88
 1,4-Dichlorobenzene
 Concen: 52.60 ug/l
 RT: 12.49 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	39.9	19.8	59.3
148	59.8	30.3	90.9





#89

n-Butylbenzene

Concen: 47.92 ug/l

RT: 12.77 min Scan# 1171

Delta R.T. -0.01 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

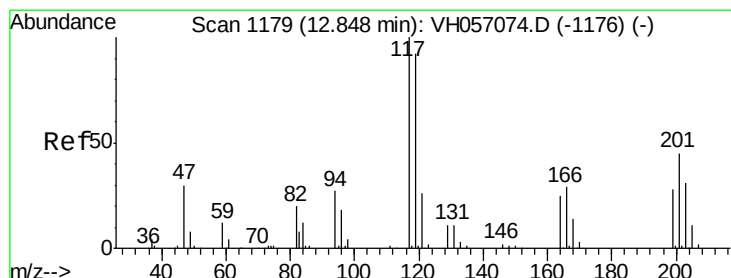
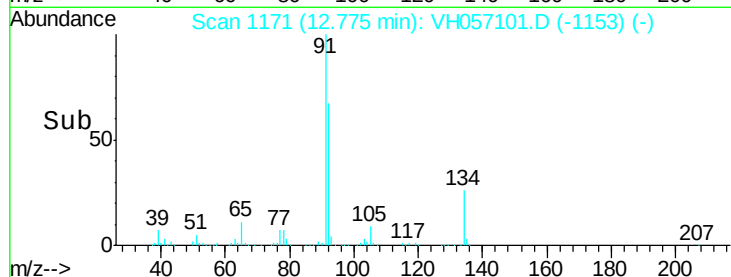
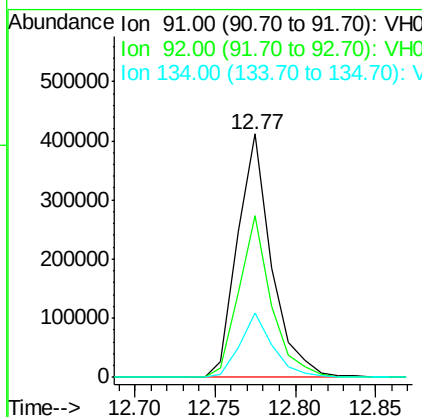
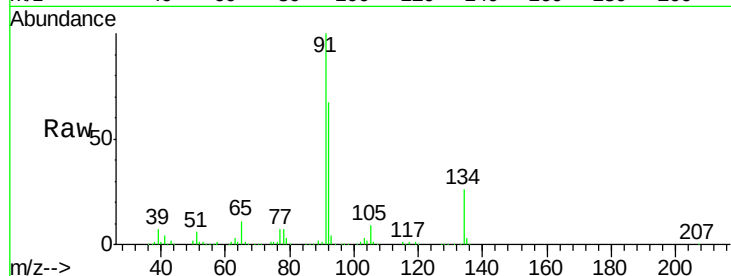
ClientSampleId :

VSTDCCC050

Tgt Ion:	91	Resp:	601127
Ion Ratio		Lower	Upper
91	100		
92	66.6	31.3	93.9
134	26.4	10.5	31.6

Manual Integrations
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#90

Hexachloroethane

Concen: 45.33 ug/l

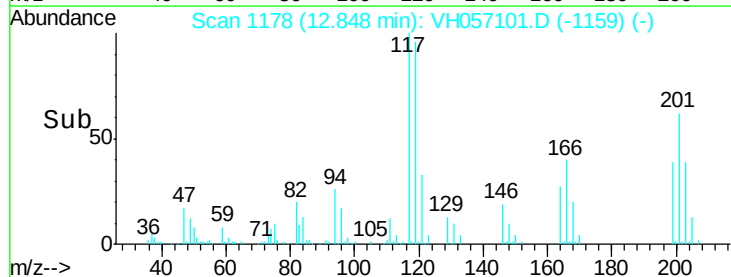
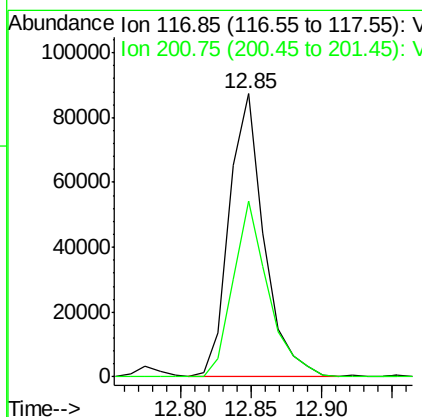
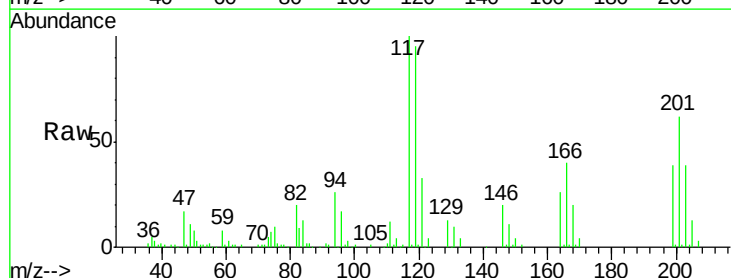
RT: 12.85 min Scan# 1178

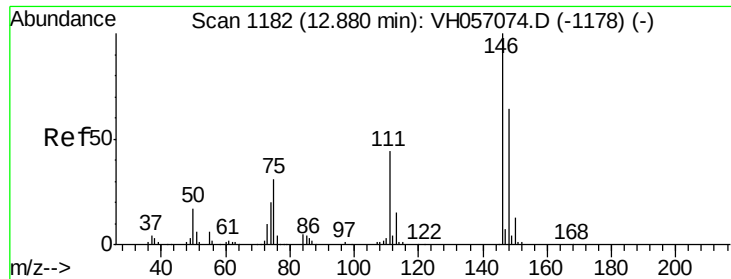
Delta R.T. -0.00 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion:	117	Resp:	150597
Ion Ratio		Lower	Upper
117	100		
201	62.0	14.0	80.8





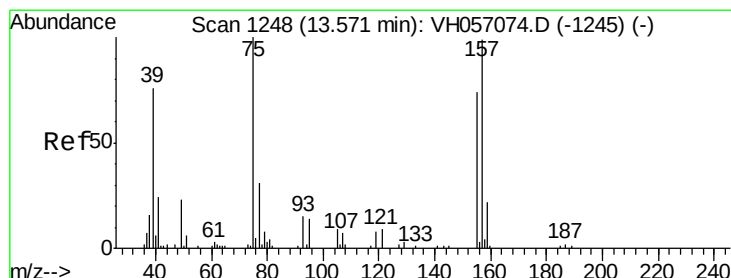
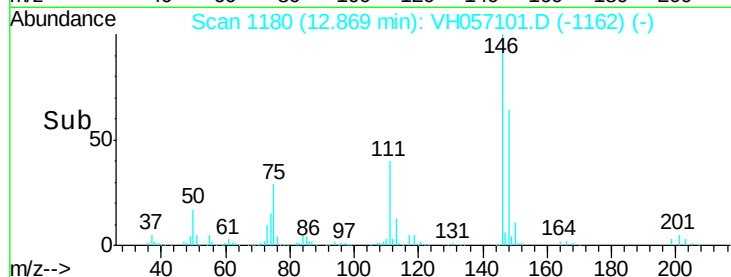
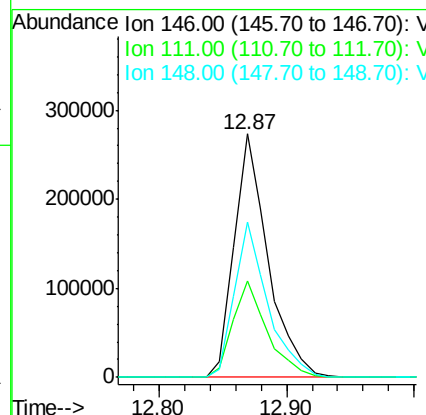
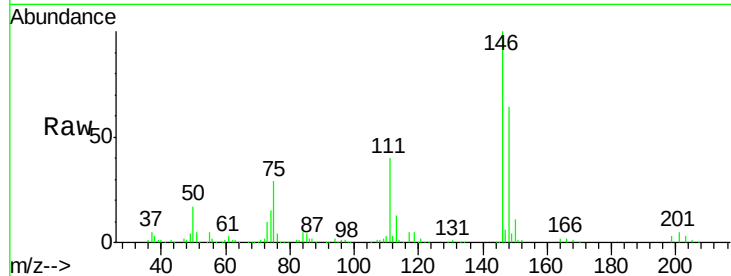
#91
 1,2-Dichlorobenzene
 Concen: 52.28 ug/l
 RT: 12.87 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	501171		
111	39.7	22.1	66.1	
148	64.0	31.4	94.3	

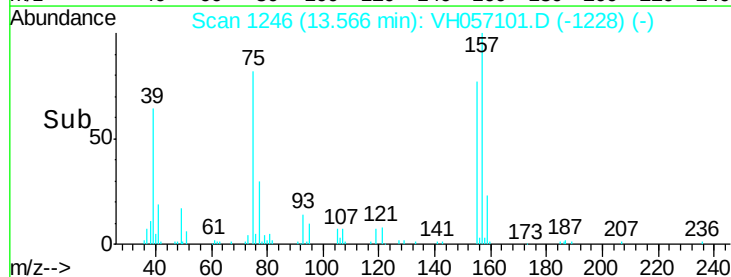
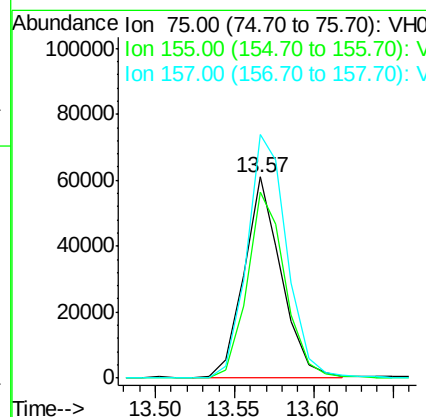
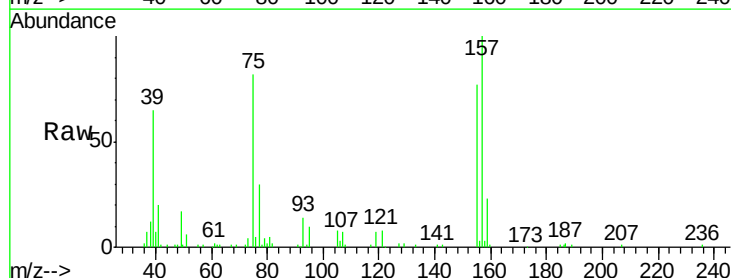
Manual Integrations
 APPROVED

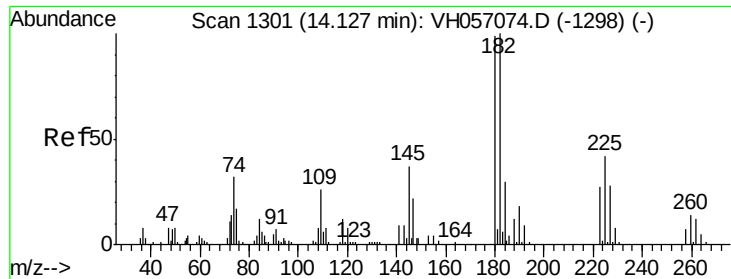
MMDadoda
 9/23/2015 11:46:38 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.24 ug/l
 RT: 13.57 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101760		
155	92.9	43.4	130.2	
157	121.3	62.8	188.4	





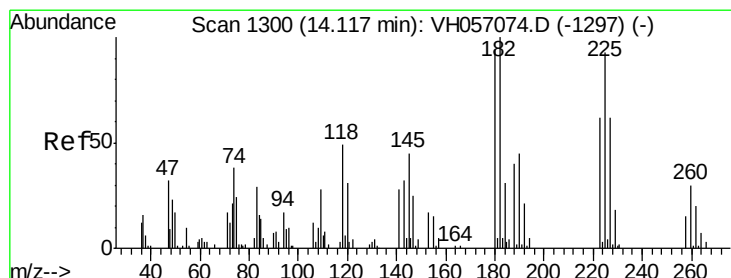
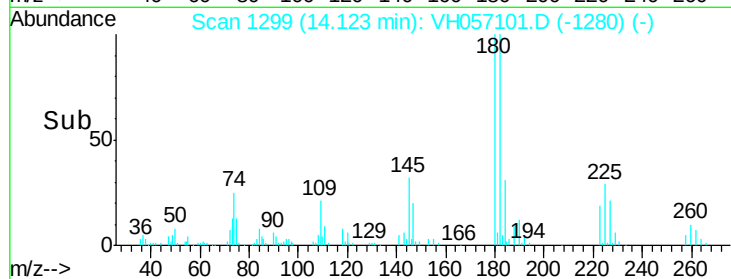
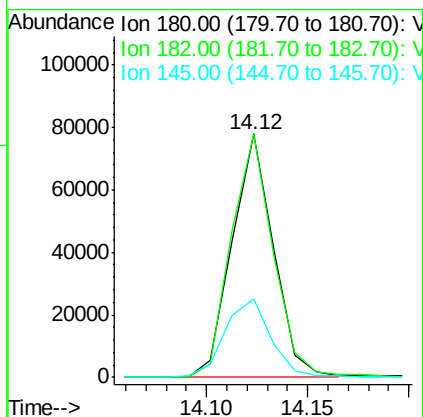
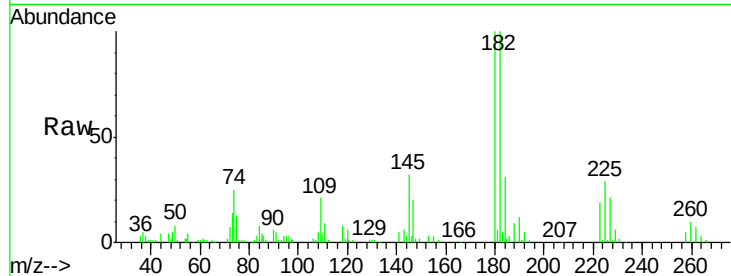
#93
 1,2,4-Trichlorobenzene
 Concen: 51.76 ug/l
 RT: 14.12 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111557		
182	100.0	43.0	129.2	
145	32.4	17.3	52.0	

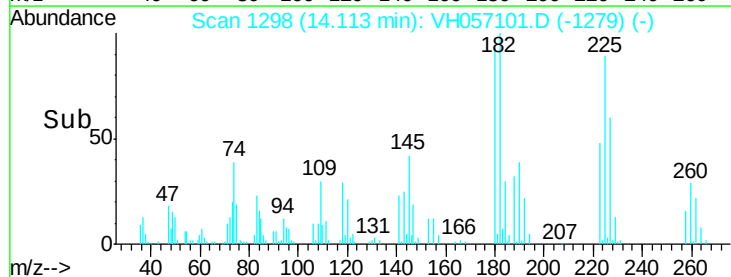
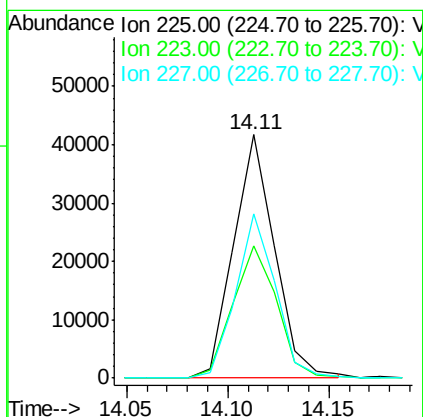
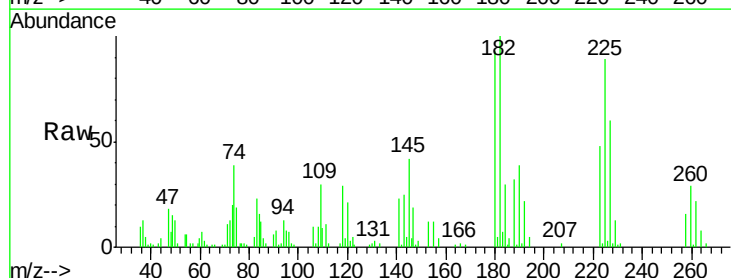
Manual Integrations
 APPROVED

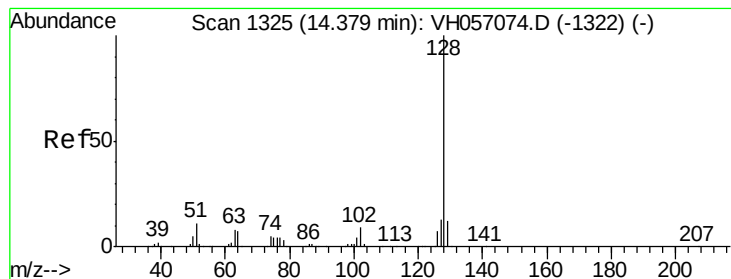
MMDadoda
 9/23/2015 11:46:38 AM



#94
 Hexachlorobutadiene
 Concen: 59.98 ug/l
 RT: 14.11 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: VH057101.D
 Acq: 22 Sep 2015 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59489		
223	54.5	30.3	90.8	
227	67.6	30.5	91.5	





#95

Naphthalene

Concen: 52.00 ug/l

RT: 14.38 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Instrument :

MSVOA_H

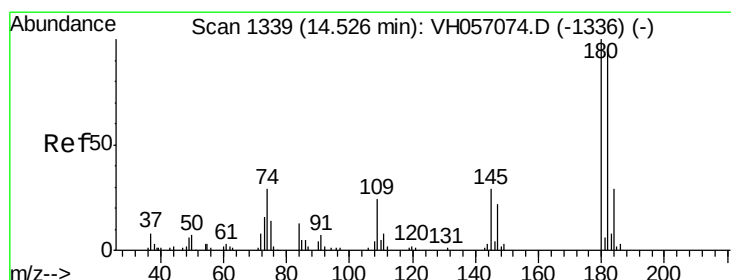
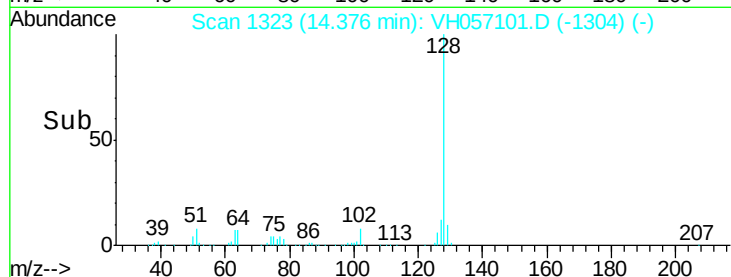
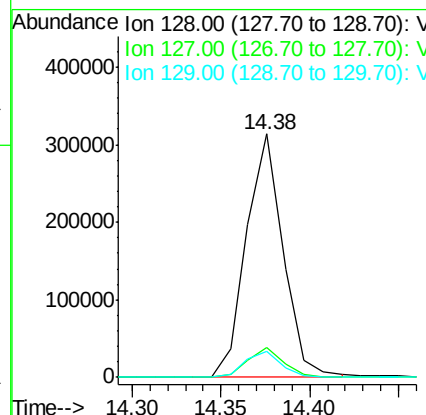
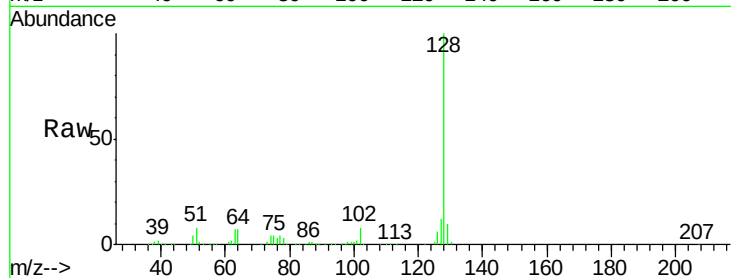
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	455143
Ion Ratio	Lower	Upper	
128	100		
127	12.2	9.6	14.4
129	10.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/23/2015 11:46:38 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.54 ug/l

RT: 14.52 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VH057101.D

Acq: 22 Sep 2015 11:57

Tgt Ion:	180	Resp:	75967
Ion Ratio	Lower	Upper	
180	100		
182	105.9	47.1	141.3
145	31.3	12.5	37.5

