

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000071.D
 Acq On : 12 Feb 2018 18:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:19 PM

Quant Time: Feb 13 04:05:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	119194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	191496	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	108294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	62008	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
35) Dibromofluoromethane	5.51	113	55877	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	8.73	98	204839	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.15	95	84007	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	53310	49.36	ug/l	99
3) Chloromethane	1.33	50	54183	49.27	ug/l	98
4) Vinyl Chloride	1.41	62	63616	51.32	ug/l	100
5) Bromomethane	1.64	94	47008	71.00	ug/l	96
6) Chloroethane	1.72	64	40996	55.01	ug/l	97
7) Trichlorofluoromethane	1.93	101	111646	51.69	ug/l	97
8) Diethyl Ether	2.20	74	39744	50.83	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62020	50.83	ug/l	99
10) Methyl Iodide	2.51	142	69767	47.19	ug/l	99
11) Tert butyl alcohol	3.09	59	140192	281.32	ug/l	100
12) 1,1-Dichloroethene	2.38	96	58054	50.20	ug/l	98
13) Acrolein	2.30	56	57238	223.77	ug/l	100
14) Allyl chloride	2.73	41	100851	50.05	ug/l	98
15) Acrylonitrile	3.16	53	235966	271.78	ug/l	100
16) Acetone	2.45	43	214846	291.40	ug/l	98
17) Carbon Disulfide	2.57	76	165892	49.24	ug/l	99
18) Methyl Acetate	2.79	43	107293	57.71	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	205776	51.99	ug/l	100
20) Methylene Chloride	2.86	84	63137	51.14	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	62966	50.58	ug/l	99
22) Diisopropyl ether	3.89	45	166907	50.16	ug/l	98
23) Vinyl Acetate	3.84	43	784478	260.79	ug/l	98
24) 1,1-Dichloroethane	3.70	63	102874	49.74	ug/l	98
25) 2-Butanone	4.73	43	315174	283.23	ug/l	99
26) 2,2-Dichloropropane	4.60	77	89341	50.41	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62657	51.36	ug/l	100
28) Bromochloromethane	5.03	49	33895	49.42	ug/l	96
29) Tetrahydrofuran	5.18	42	211767	277.72	ug/l	99
30) Chloroform	5.23	83	109710	52.62	ug/l	99
31) Cyclohexane	5.59	56	85287	50.19	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	102043	52.00	ug/l	99
36) 1,1-Dichloropropene	5.81	75	80648	48.37	ug/l	99
37) Ethyl Acetate	4.88	43	109931	51.06	ug/l	100
38) Carbon Tetrachloride	5.79	117	93377	49.88	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	100041	49.42	ug/l	97
40) Benzene	6.15	78	236364	50.16	ug/l	100
41) Methacrylonitrile	5.07	41	57089	51.62	ug/l	99
42) 1,2-Dichloroethane	6.21	62	87172	51.78	ug/l	100
43) Isopropyl Acetate	6.48	43	165024	50.83	ug/l	100
44) Trichloroethene	7.23	130	71113	48.77	ug/l	98
45) 1,2-Dichloropropane	7.53	63	59417	51.86	ug/l	97
46) Dibromomethane	7.67	93	45317	51.25	ug/l	97
47) Bromodichloromethane	7.91	83	88210	51.30	ug/l	99
48) Methyl methacrylate	7.79	41	80374	50.44	ug/l	99
49) 1,4-Dioxane	7.78	88	44881	1057.42	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	619970	274.08	ug/l	99
52) Toluene	8.79	92	164718	52.04	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	102437	50.92	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	102616	52.49	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	67817	51.09	ug/l	99
56) Ethyl methacrylate	9.20	69	107298	52.69	ug/l	99
57) 1,3-Dichloropropane	9.38	76	107466	52.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	258688	257.20	ug/l	100
59) 2-Hexanone	9.51	43	520012	282.66	ug/l	99
60) Dibromochloromethane	9.59	129	81408	53.33	ug/l	99
61) 1,2-Dibromoethane	9.68	107	75739	51.80	ug/l	97
64) Tetrachloroethene	9.34	164	69957	49.89	ug/l	97
65) Chlorobenzene	10.15	112	195083	49.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71197	50.58	ug/l	98
67) Ethyl Benzene	10.26	91	322577	49.71	ug/l	99
68) m/p-Xylenes	10.37	106	258312	99.93	ug/l	100
69) o-Xylene	10.71	106	126267	50.61	ug/l	100
70) Styrene	10.72	104	213061	50.55	ug/l	99
71) Bromoform	10.87	173	70220	52.72	ug/l #	98
73) Isopropylbenzene	11.03	105	337653	49.14	ug/l	99
74) N-amyl acetate	6.48	43	165024	47.99	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	116229	49.72	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	104766m	51.37	ug/l	
77) Bromobenzene	11.26	156	93732	50.27	ug/l	99
78) n-propylbenzene	11.37	91	393870	49.44	ug/l	100
79) 2-Chlorotoluene	11.43	91	227790	49.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	286941	49.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	41588	50.45	ug/l	93
82) 4-Chlorotoluene	11.52	91	270689	49.17	ug/l	99
83) tert-Butylbenzene	11.78	119	290058	49.87	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	296368	50.30	ug/l	99
85) sec-Butylbenzene	11.96	105	353855	49.44	ug/l	100
86) p-Isopropyltoluene	12.07	119	320151	49.75	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	174186	49.59	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	177889	49.48	ug/l	99
89) n-Butylbenzene	12.40	91	294036	48.91	ug/l	99
90) Hexachloroethane	12.60	117	56371	50.09	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	169364	49.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	33526	50.09	ug/l	97

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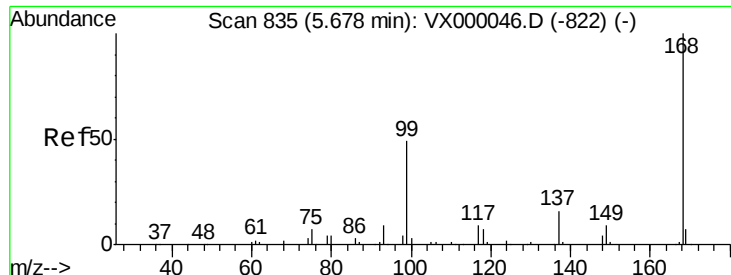
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127672	48.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	59747	48.18	ug/l	100
95) Naphthalene	13.85	128	425986	49.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	124381	48.63	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 119194

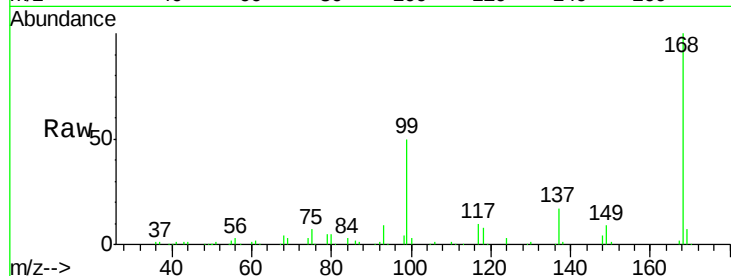
Ion Ratio Lower Upper

168 100

99 49.8 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

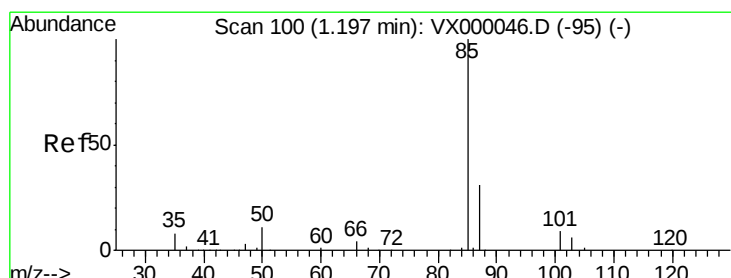
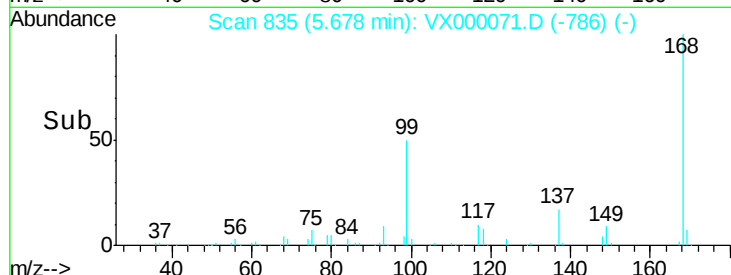
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10000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000071.D

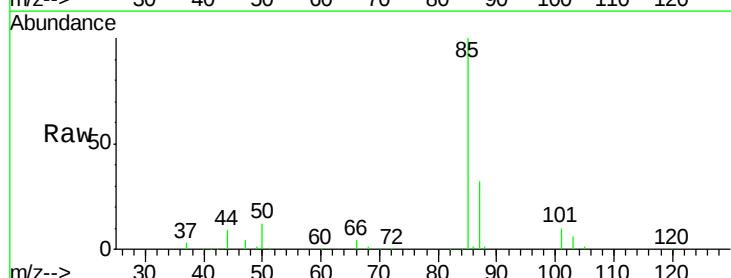
Acq: 12 Feb 2018 18:04

Tgt Ion: 85 Resp: 53310

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

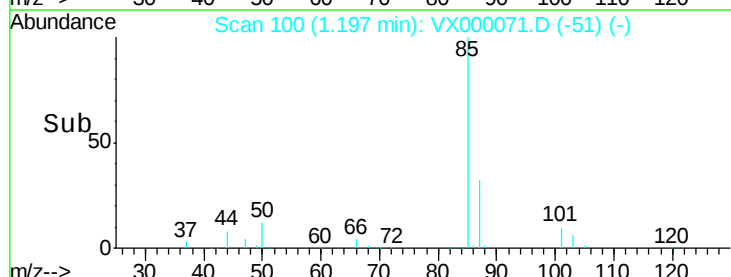
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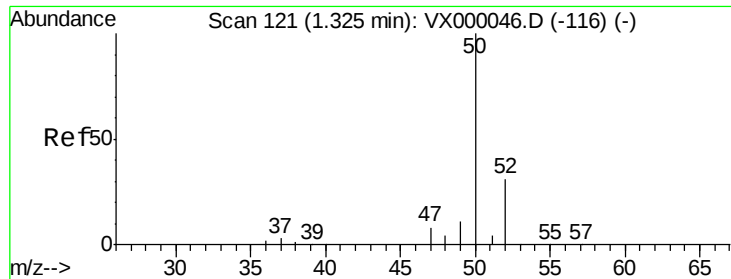
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1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.27 ug/l

RT: 1.33 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 54183

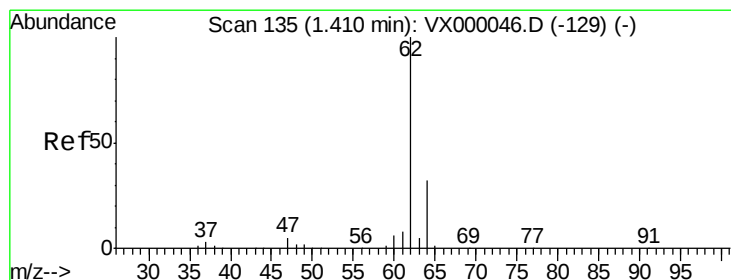
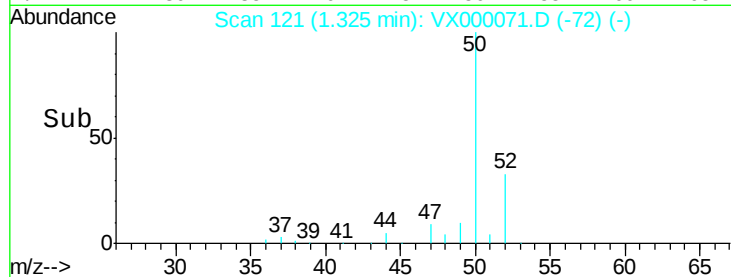
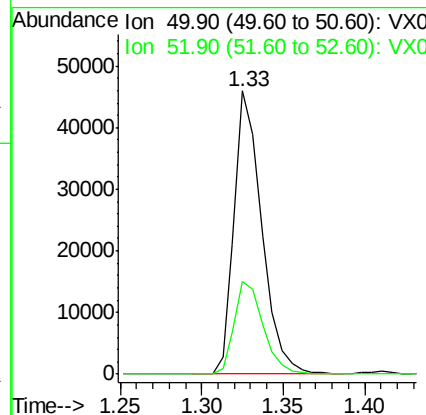
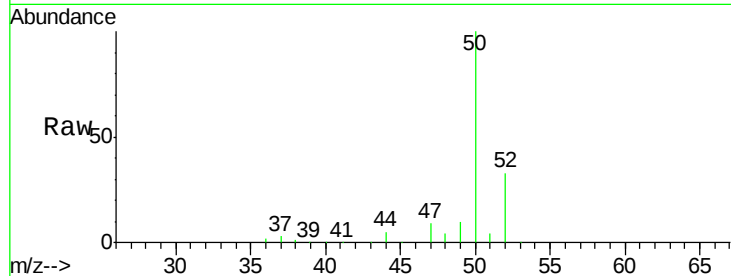
Ion Ratio Lower Upper

50 100

52 32.6 25.0 37.6

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#4

Vinyl Chloride

Concen: 51.32 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000071.D

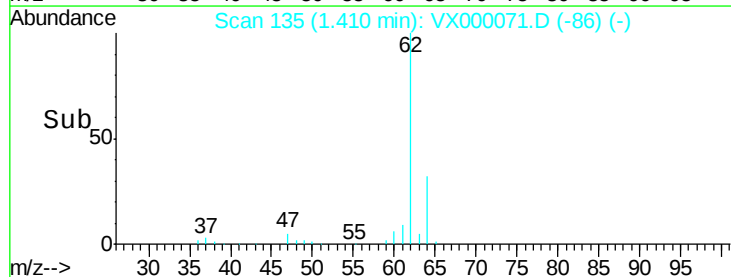
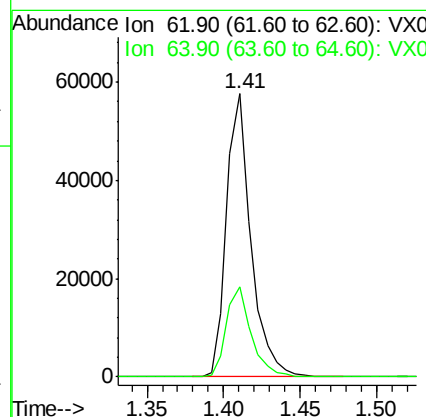
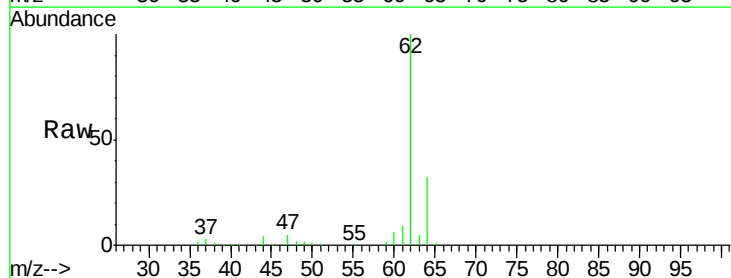
Acq: 12 Feb 2018 18:04

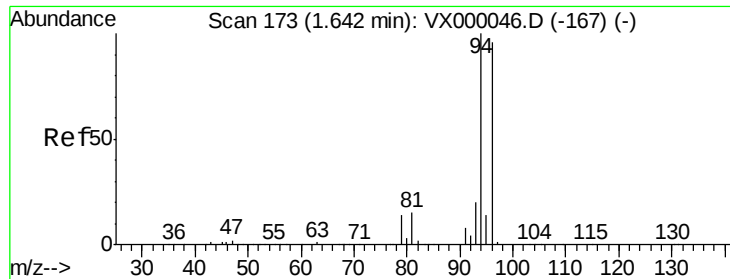
Tgt Ion: 62 Resp: 63616

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





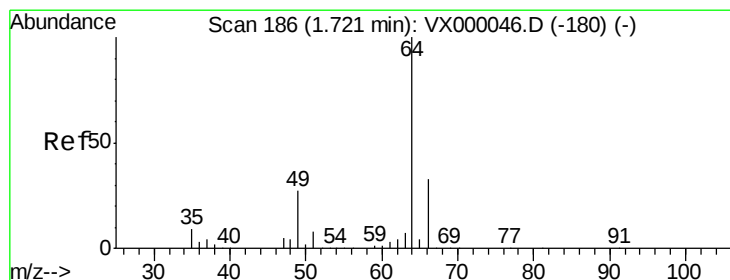
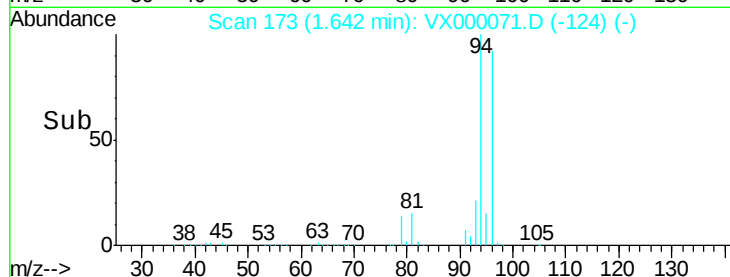
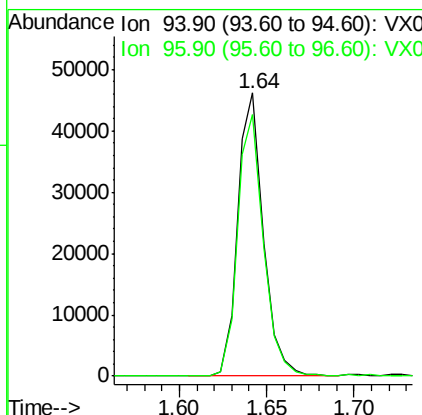
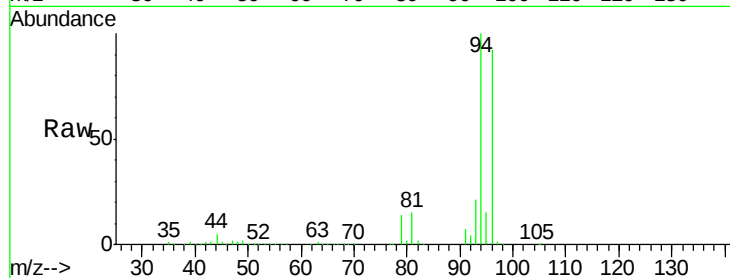
#5
Bromomethane
Concen: 71.00 ug/l
RT: 1.64 min Scan# 173
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampleId :
VSTDCCC050EC

Tot Ion: 94 Resp: 47008
Ion Ratio Lower Upper
94 100
96 92.4 76.7 115.1

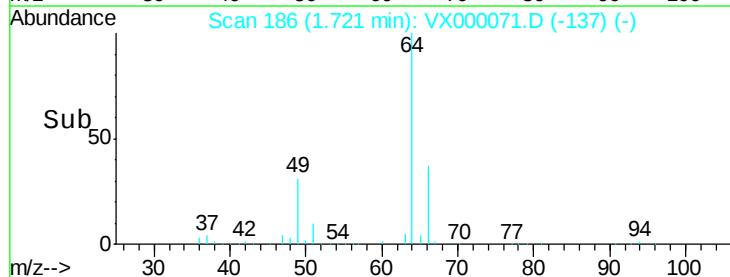
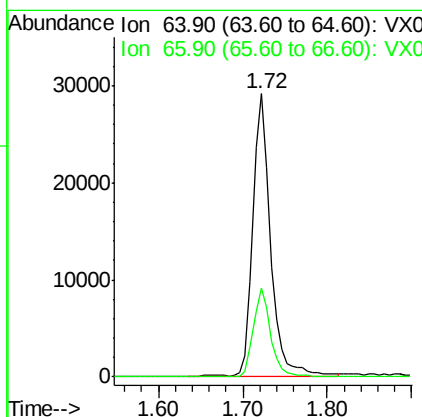
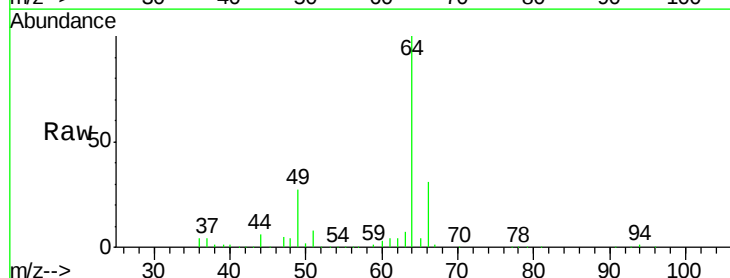
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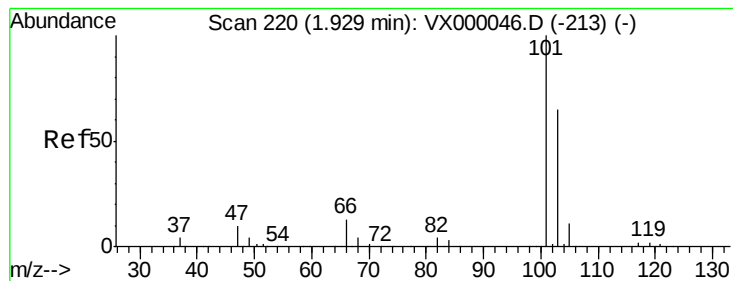
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#6
Chloroethane
Concen: 55.01 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion: 64 Resp: 40996
Ion Ratio Lower Upper
64 100
66 31.3 26.4 39.6





#7

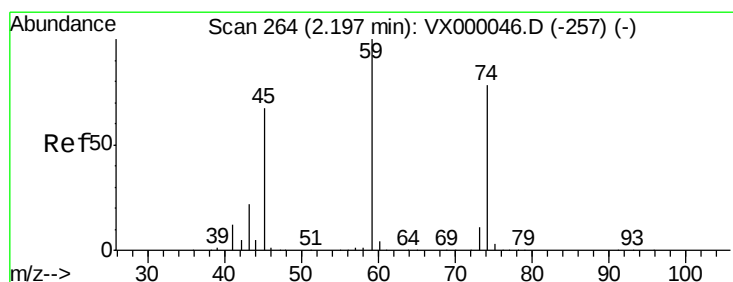
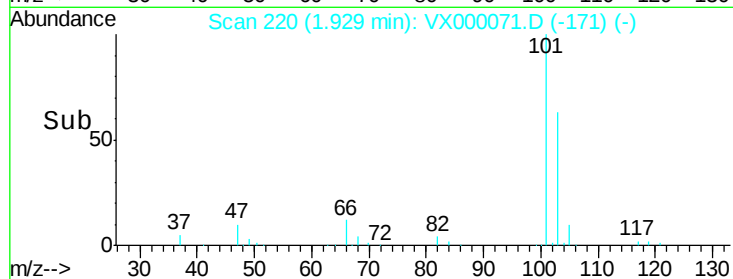
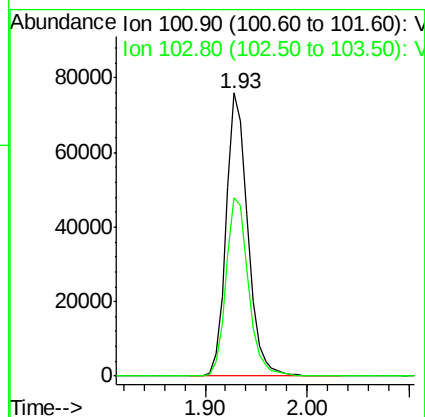
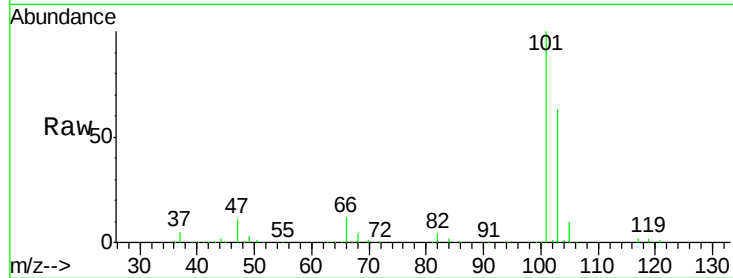
Trichlorofluoromethane
Concen: 51.69 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.3	78.5

Manual Integrations
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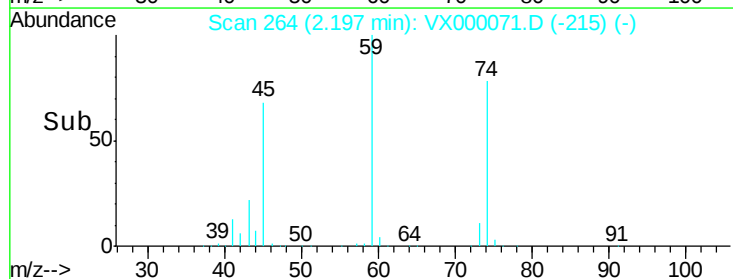
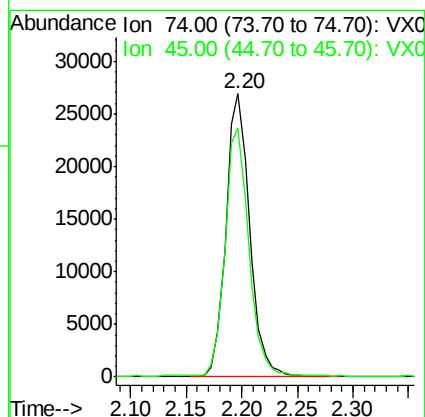
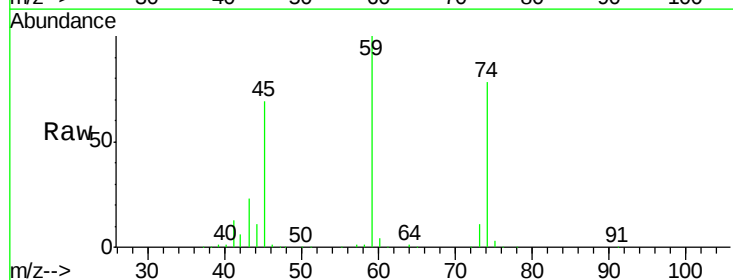
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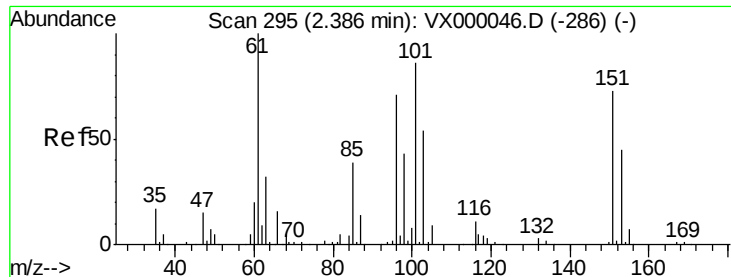


#8

Diethyl Ether
Concen: 50.83 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.3	44.3	132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.83 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

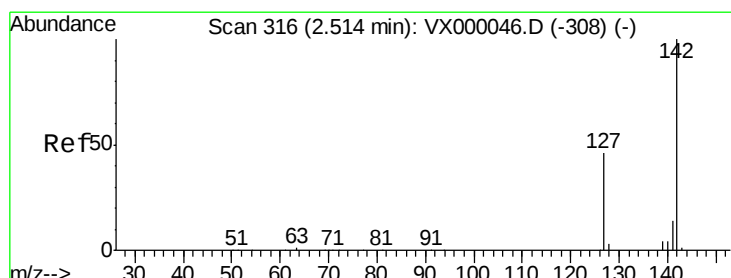
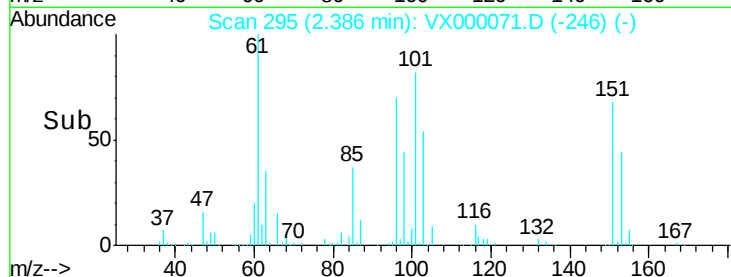
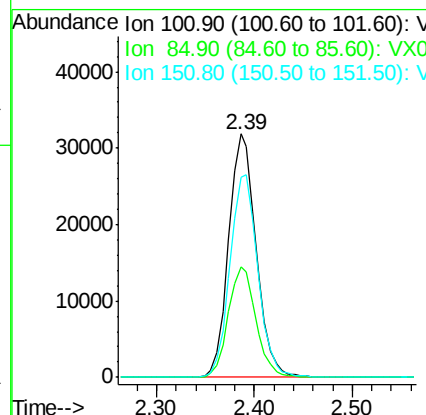
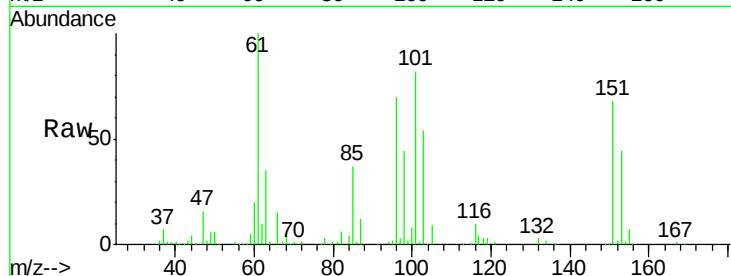
ClientSampled :

VSTDCCC050EC

Tot Ion:	101	Resp:	62020
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.6	54.8
151	84.5	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 47.19 ug/l

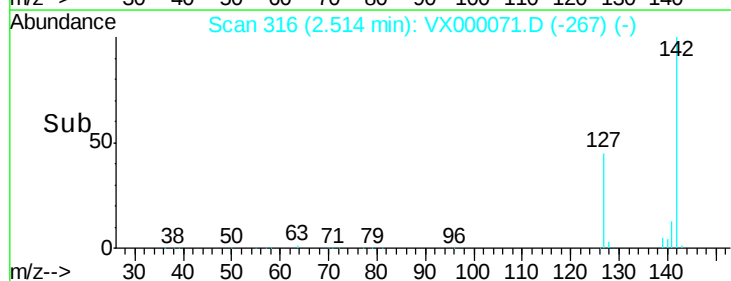
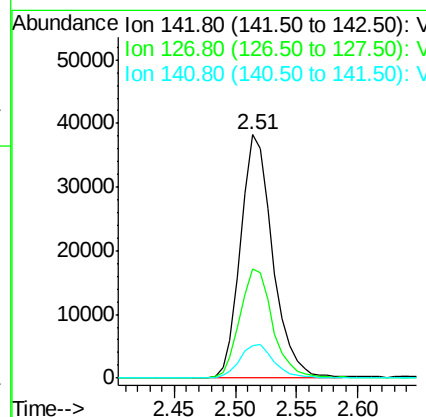
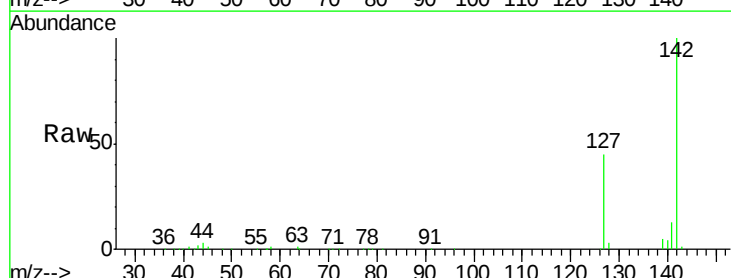
RT: 2.51 min Scan# 316

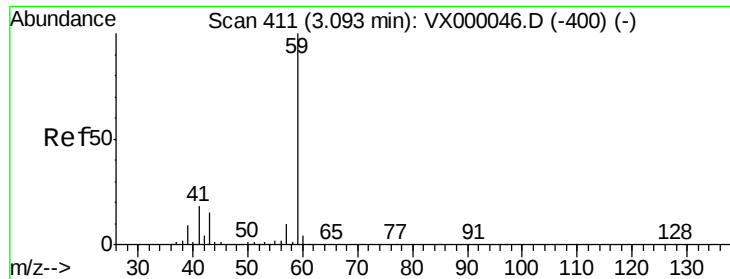
Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Tgt Ion:	142	Resp:	69767
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.8	55.2
141	14.6	11.4	17.0





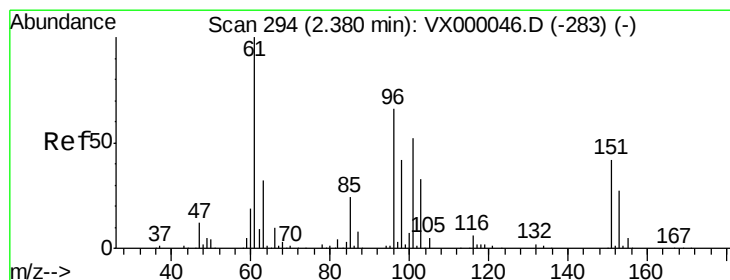
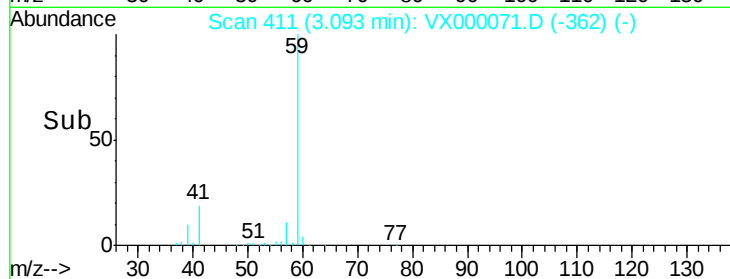
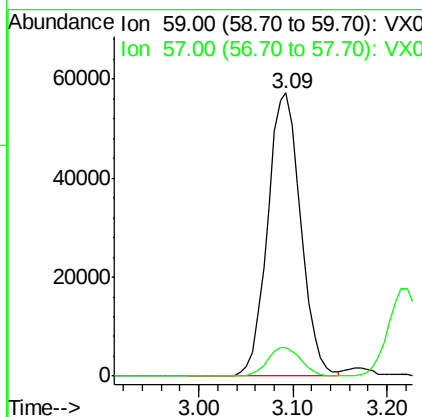
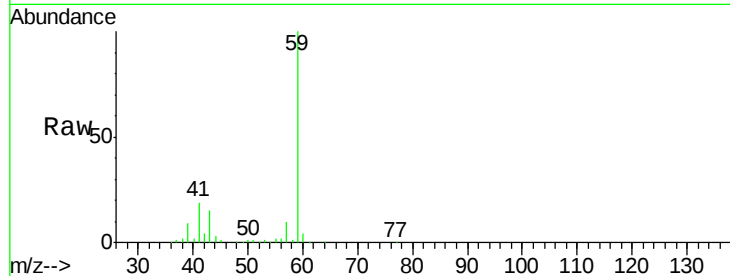
#11
Tert butyl alcohol
Concen: 281.32 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion: 59 Resp: 140192
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

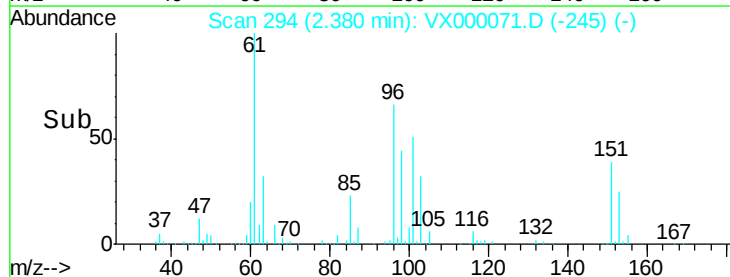
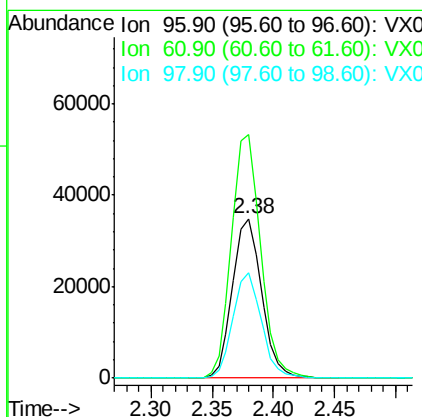
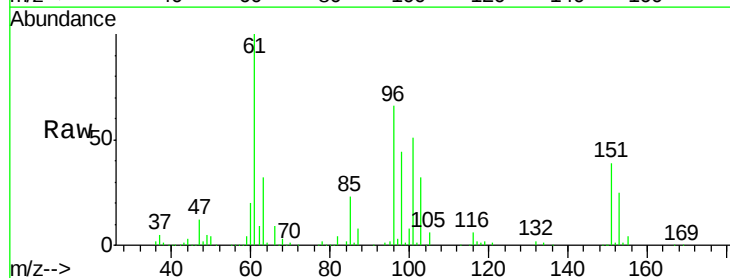
Manual Integrations
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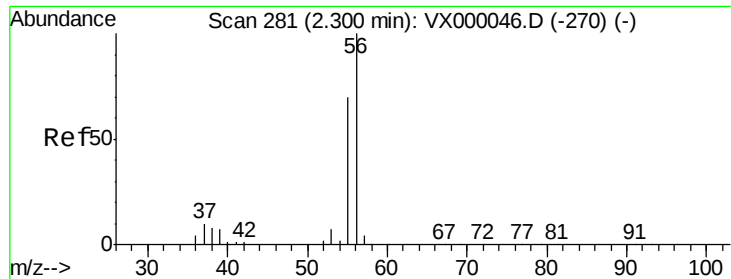
MMDadoda
2/15/2018 6:05:19 PM



#12
1,1-Dichloroethene
Concen: 50.20 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion: 96 Resp: 58054
Ion Ratio Lower Upper
96 100
61 152.7 120.3 180.5
98 66.5 51.0 76.4





#13

Acrolein

Concen: 223.77 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 56 Resp: 57238

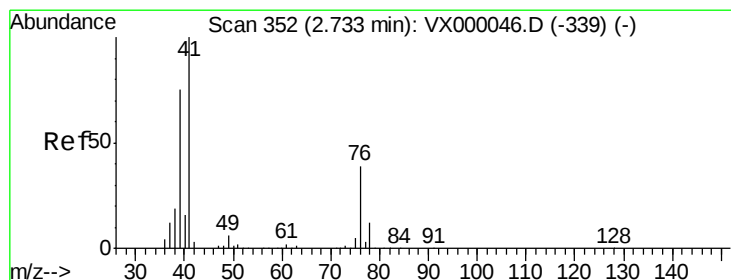
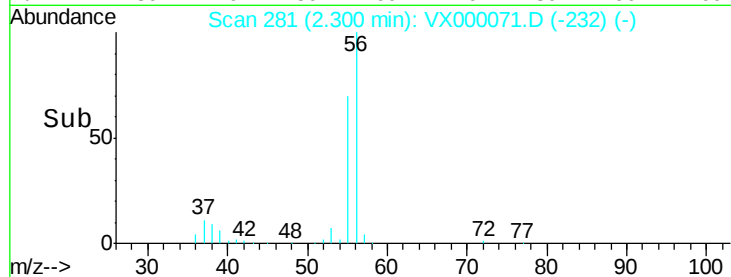
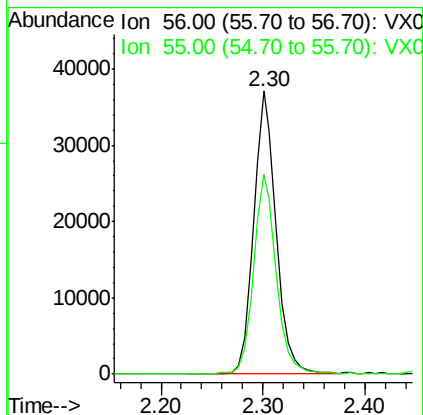
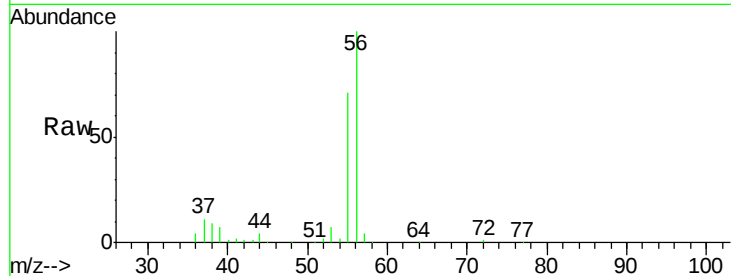
Ion Ratio Lower Upper

56 100

55 70.5 56.4 84.6

Manual Integrations
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#14

Allyl chloride

Concen: 50.05 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

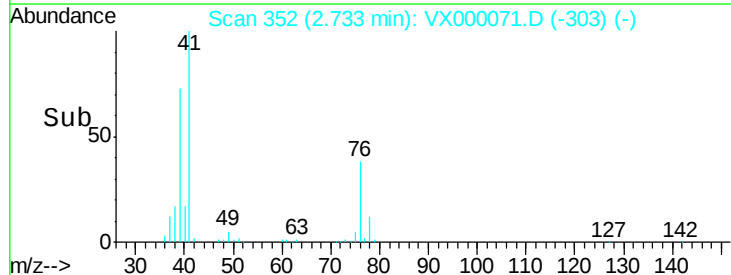
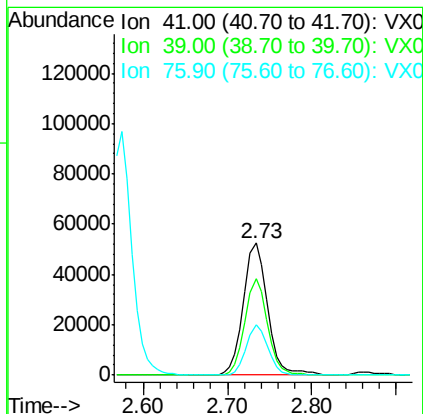
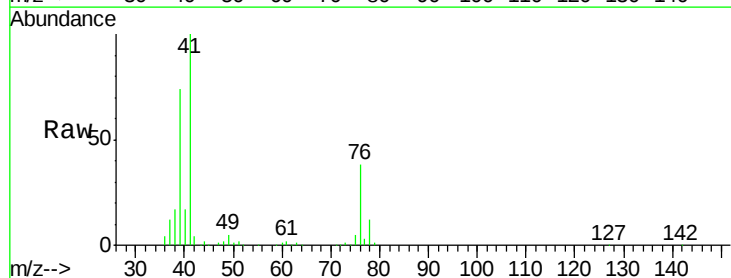
Tgt Ion: 41 Resp: 100851

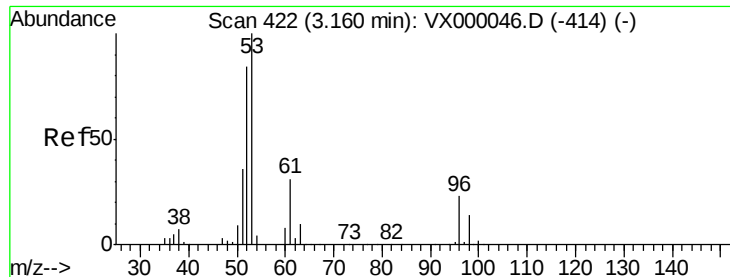
Ion Ratio Lower Upper

41 100

39 67.8 55.8 83.6

76 34.8 28.7 43.1





#15

Acrylonitrile

Concen: 271.78 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

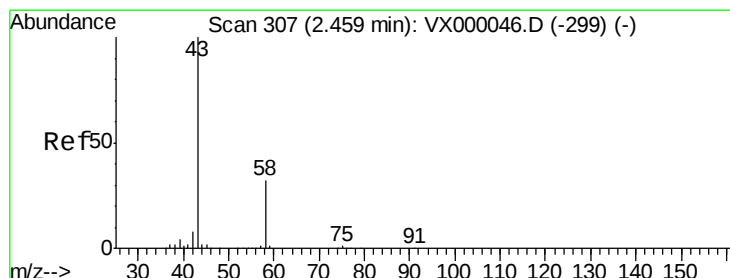
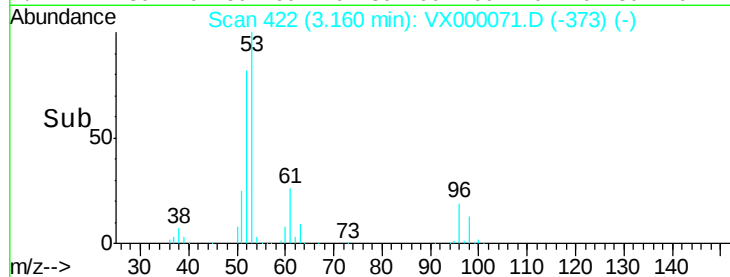
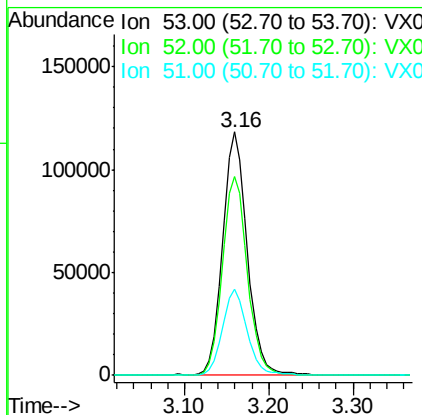
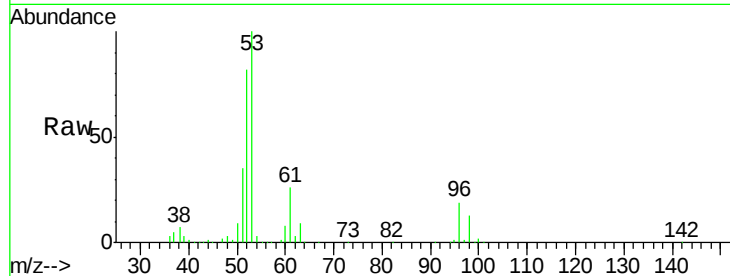
Client Sampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	235966
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.5	99.7
51	36.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 291.40 ug/l

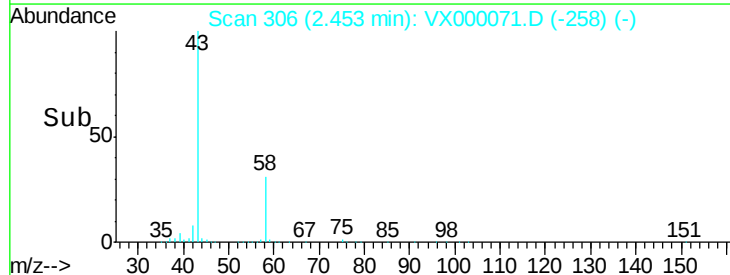
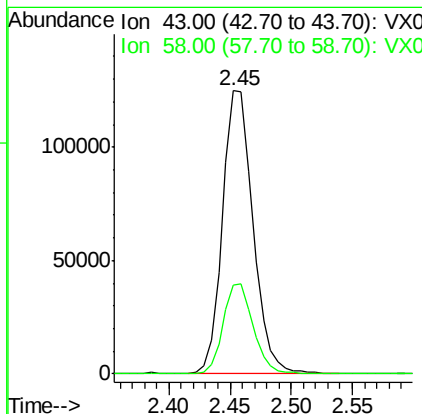
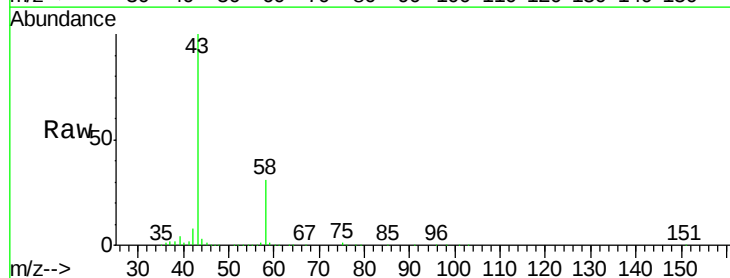
RT: 2.45 min Scan# 306

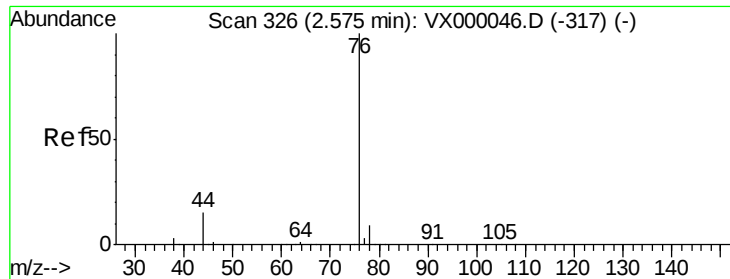
Delta R.T. -0.01 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Tgt Ion:	43	Resp:	214846
Ion Ratio		Lower	Upper
43	100		
58	31.2	25.9	38.9





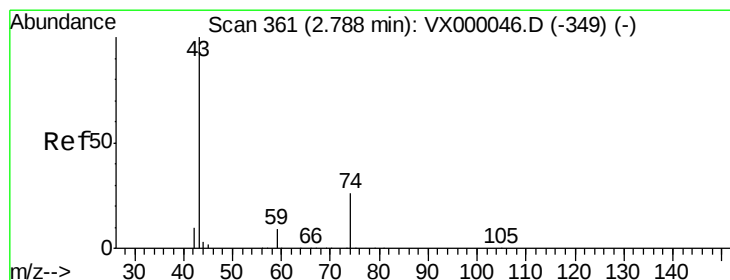
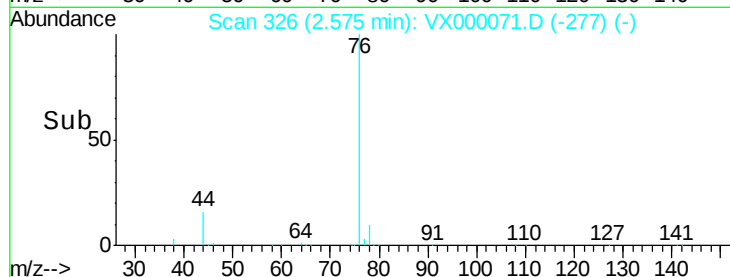
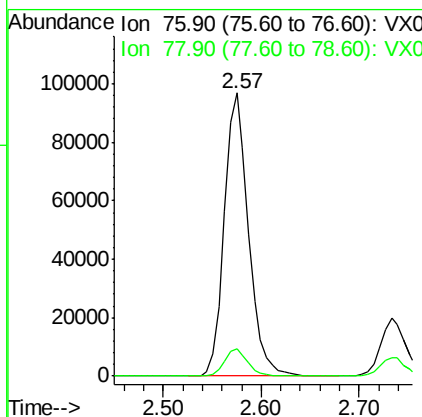
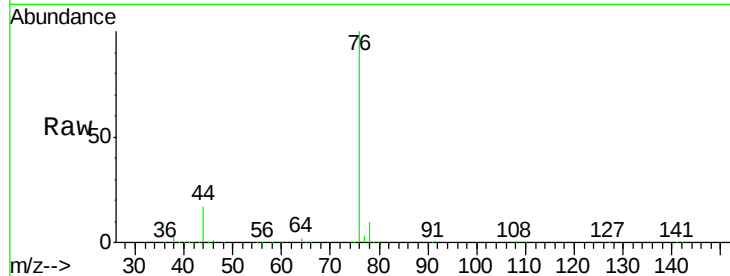
#17
Carbon Disulfide
Concen: 49.24 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.5	11.3

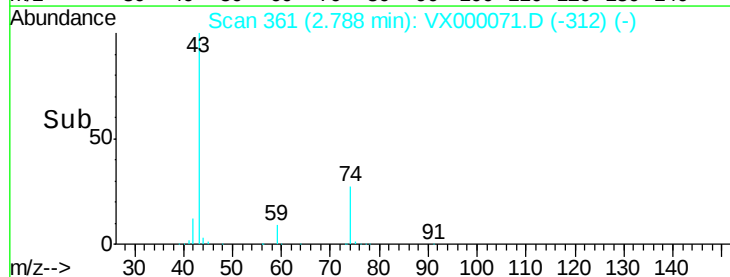
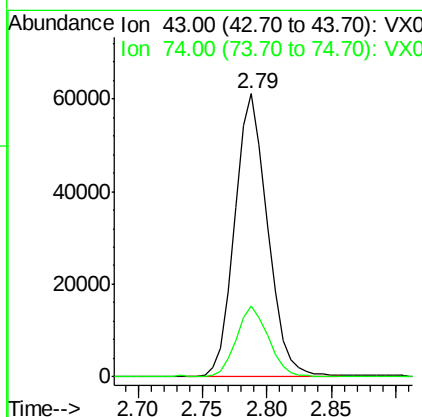
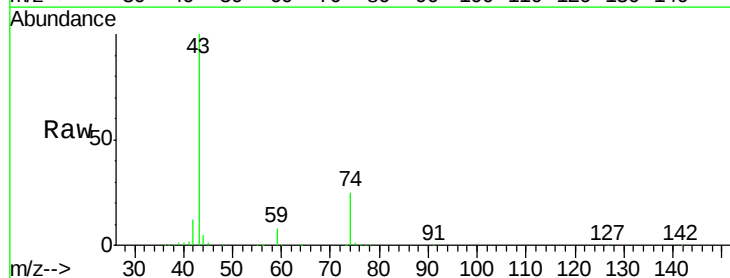
Manual Integrations
APPROVED

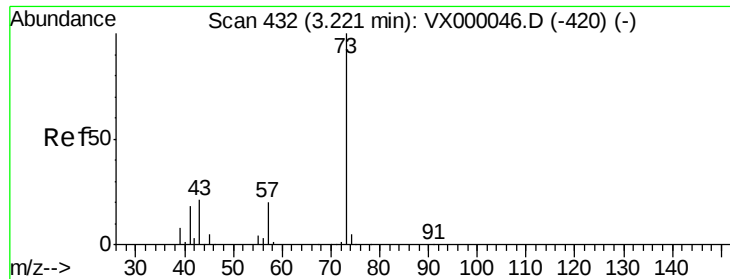
MMDadoda
2/15/2018 6:05:19 PM



#18
Methyl Acetate
Concen: 57.71 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	20.2	30.4





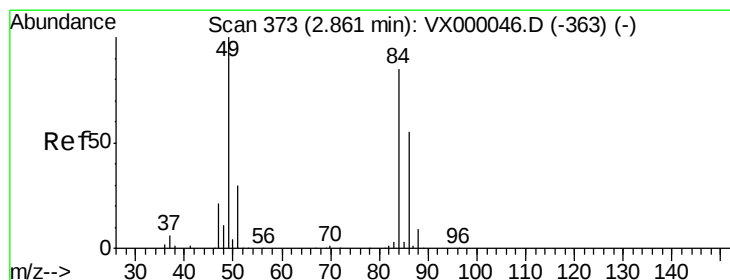
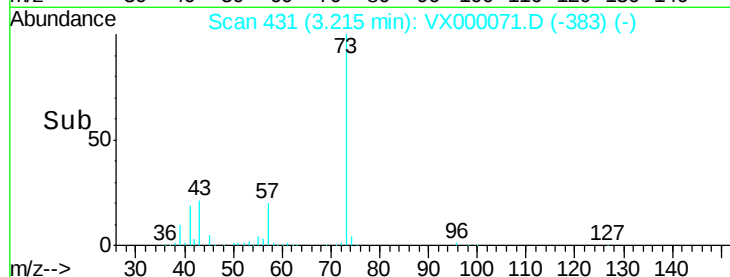
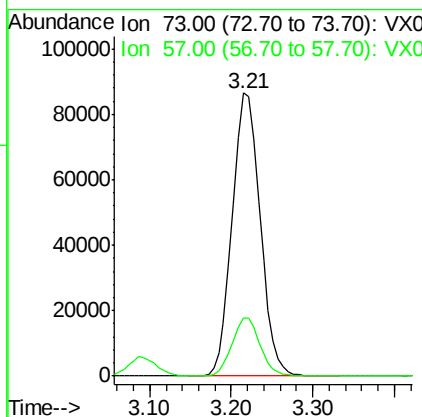
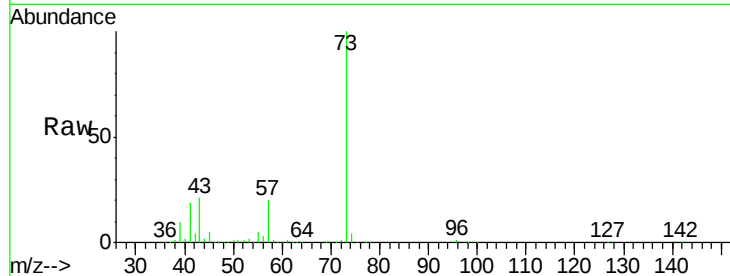
#19
Methyl tert-butyl Ether
Concen: 51.99 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
Client Sampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.2	24.4

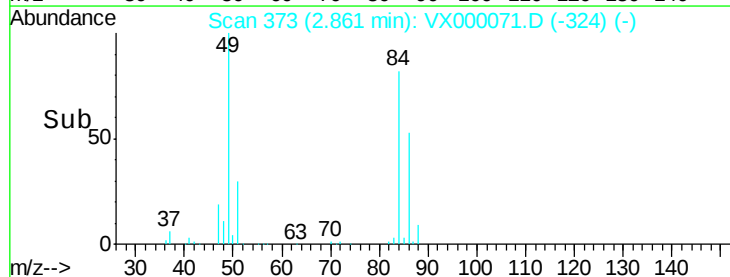
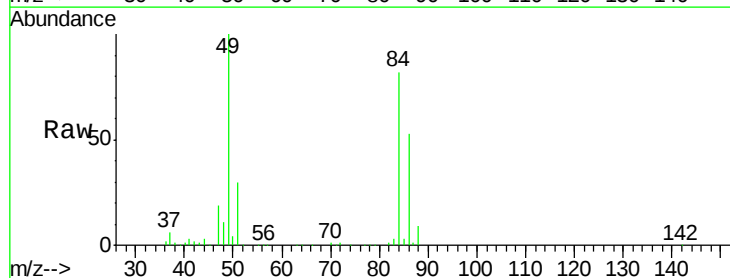
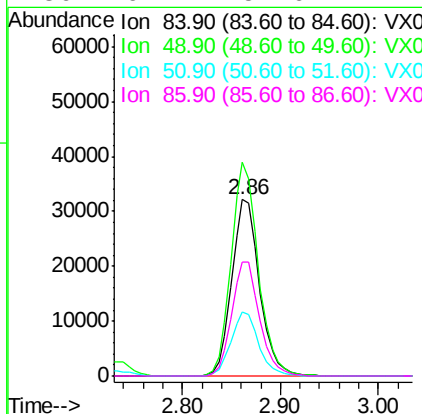
Manual Integrations
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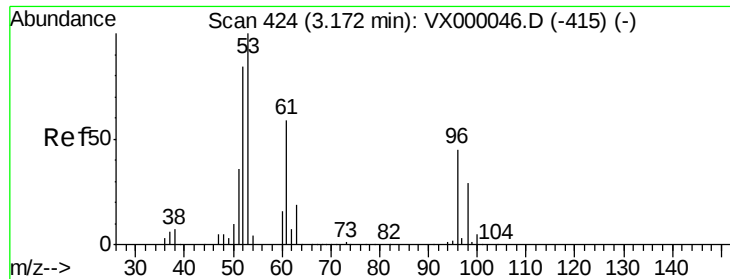
MMDadoda
2/15/2018 6:05:19 PM



#20
Methylene Chloride
Concen: 51.14 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	94.4	141.6
51	36.7	28.3	42.5
86	64.4	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 50.58 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

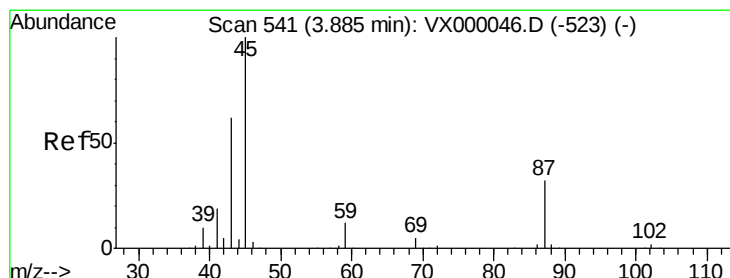
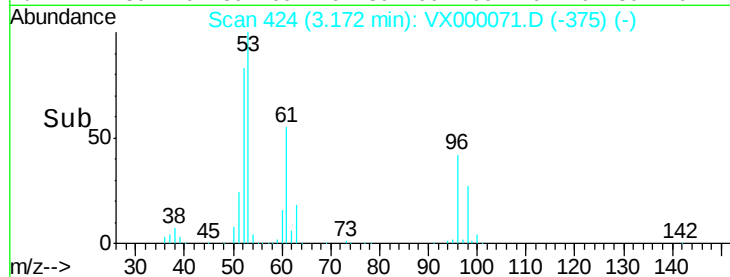
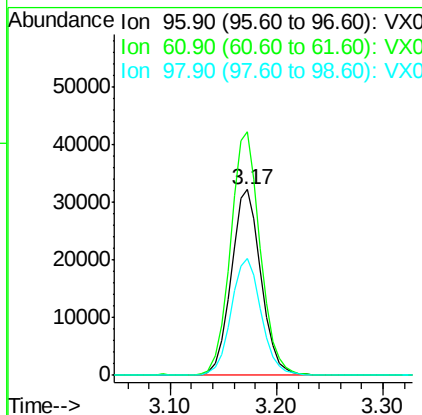
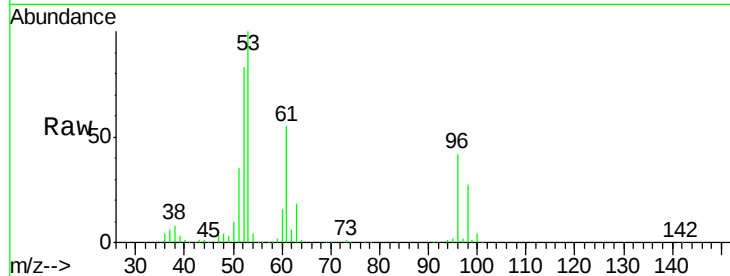
Instrument :

ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	104.9	157.3
98	62.7	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.16 ug/l

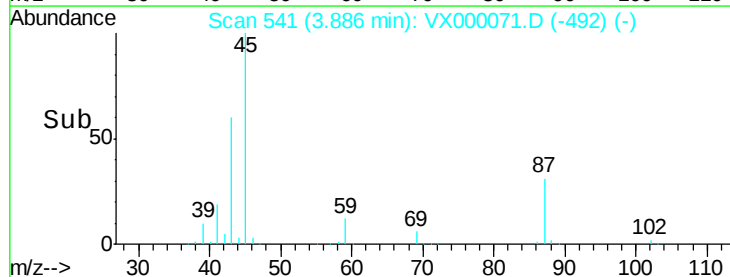
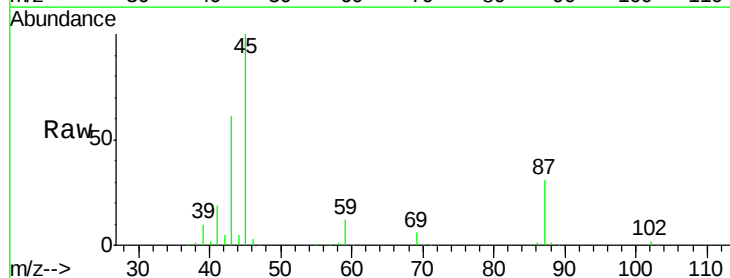
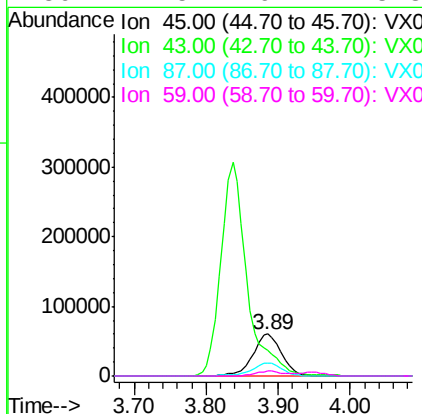
RT: 3.89 min Scan# 541

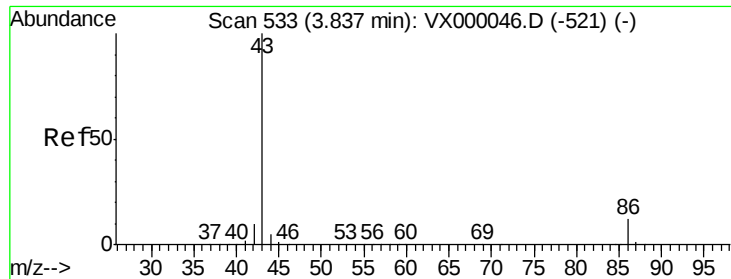
Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.3	49.6	74.4
87	31.1	25.9	38.9
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 260.79 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 784478

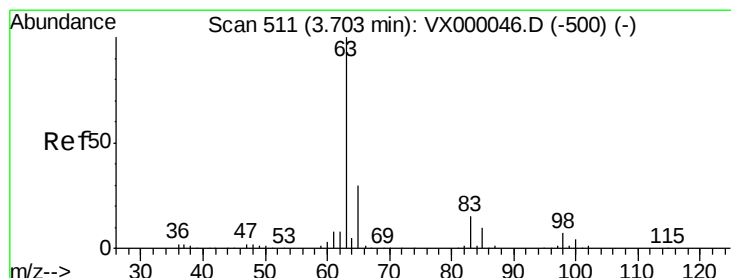
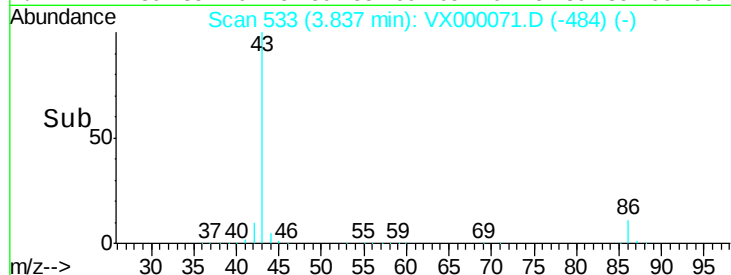
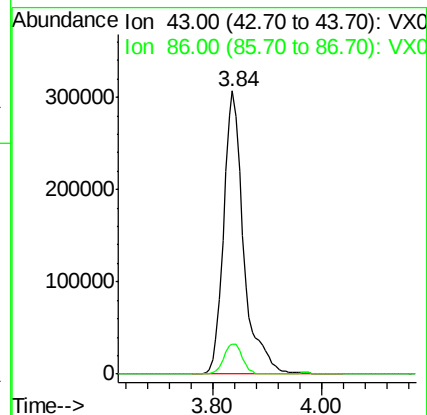
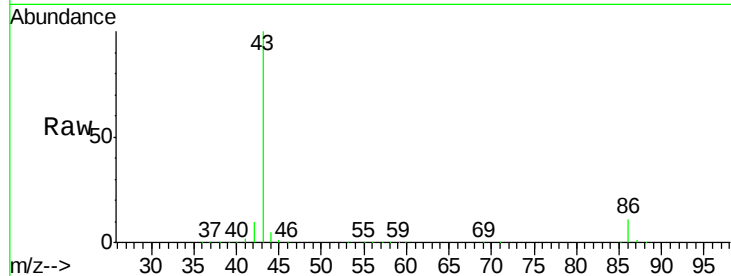
Ion Ratio Lower Upper

43 100

86 10.8 9.3 13.9

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#24

1,1-Dichloroethane

Concen: 49.74 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

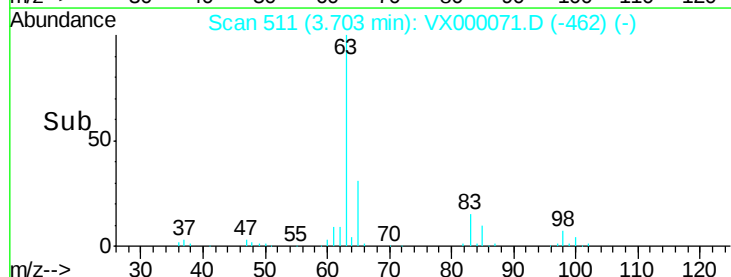
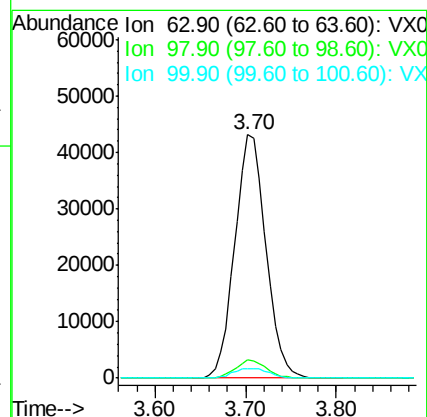
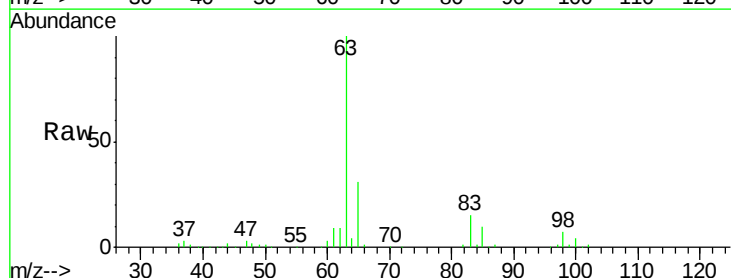
Tgt Ion: 63 Resp: 102874

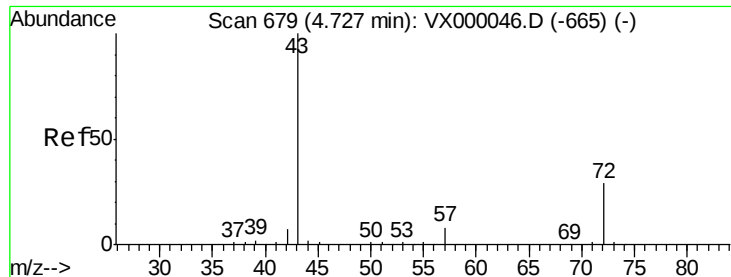
Ion Ratio Lower Upper

63 100

98 7.5 3.3 9.9

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 283.23 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 315174

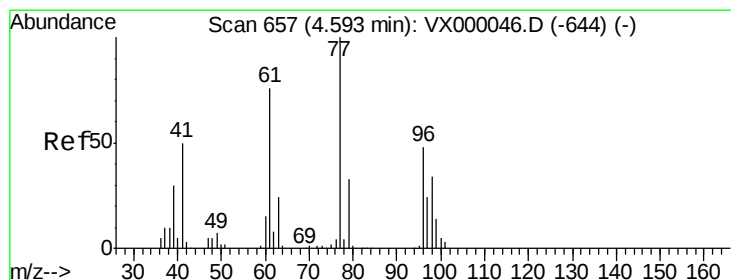
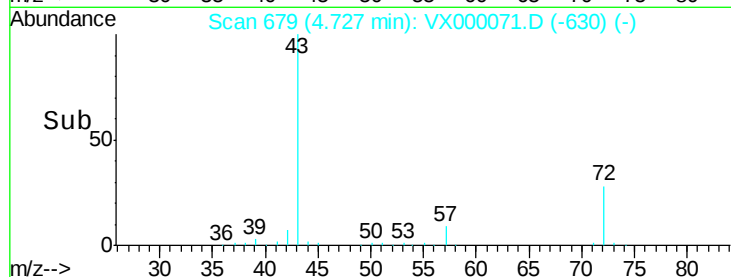
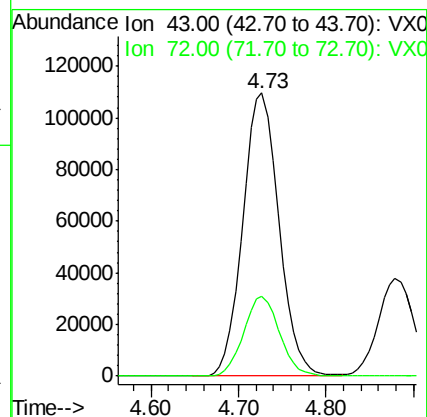
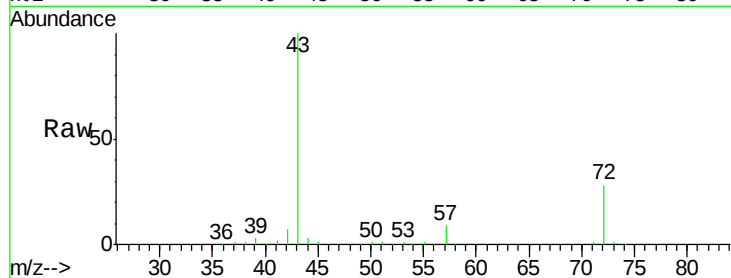
Ion Ratio Lower Upper

43 100

72 28.2 23.0 34.6

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#26

2,2-Dichloropropane

Concen: 50.41 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000071.D

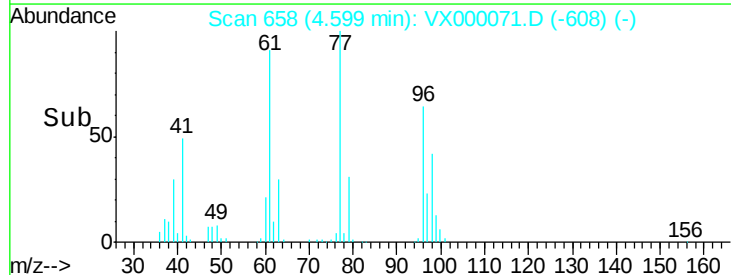
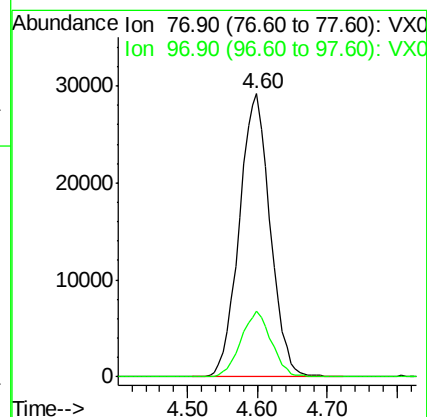
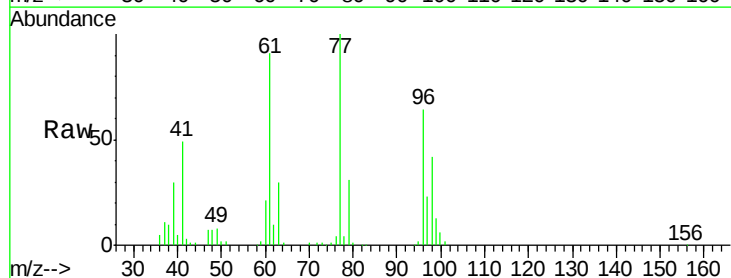
Acq: 12 Feb 2018 18:04

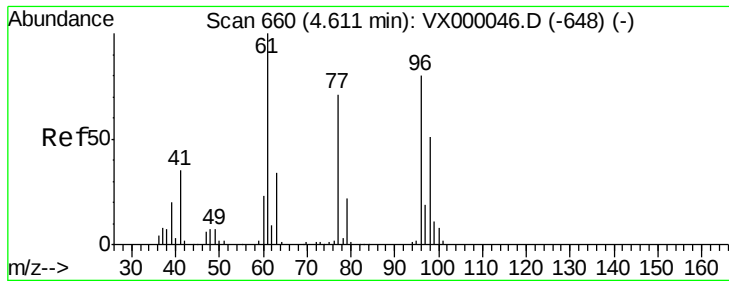
Tgt Ion: 77 Resp: 89341

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.4

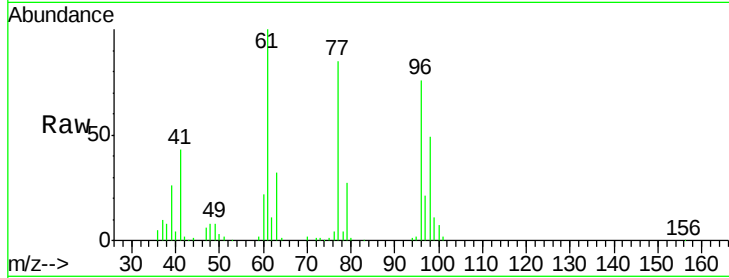




#27

cis-1,2-Dichloroethene
 Concen: 51.36 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

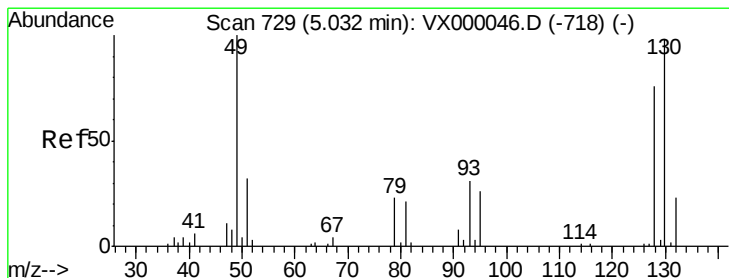
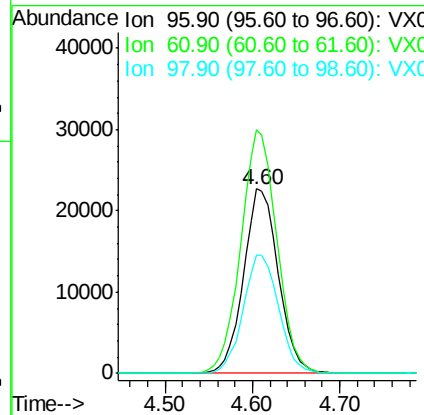
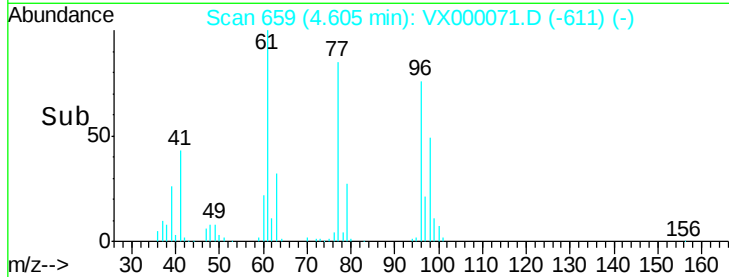
Instrument :
 ClientSampled :
 VSTDCCC050EC



Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	274.4
98	65.5	0.0	132.4

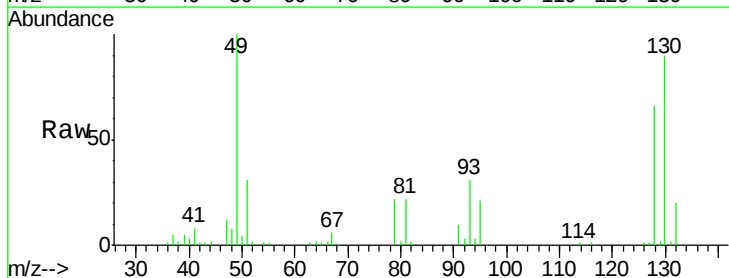
Manual Integrations
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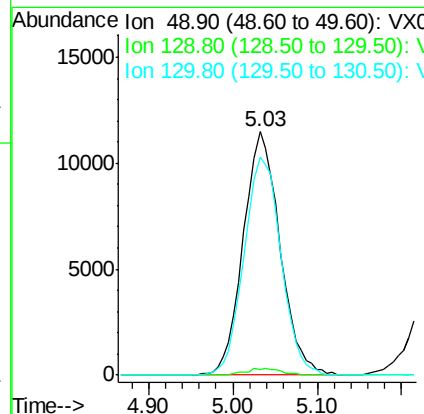
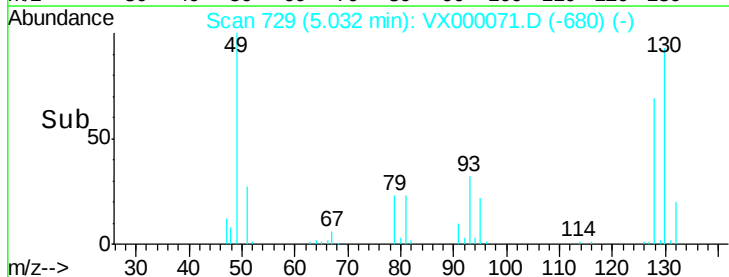


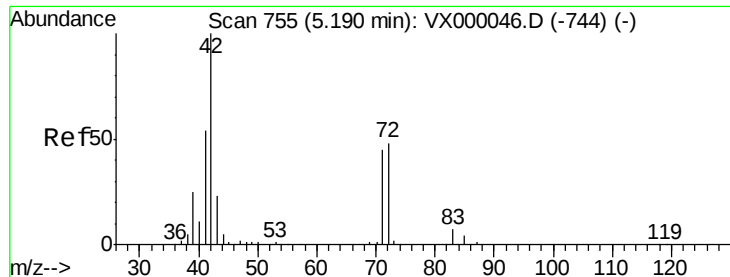
#28

Bromochloromethane
 Concen: 49.42 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04



Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	90.3	75.6	113.4





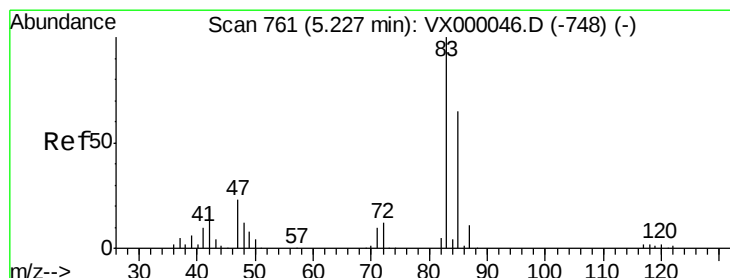
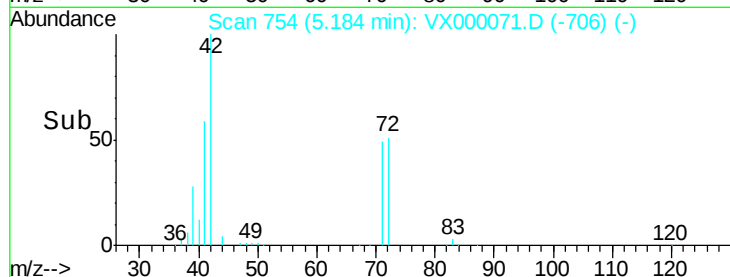
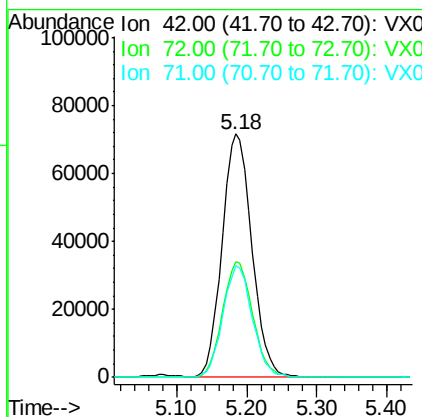
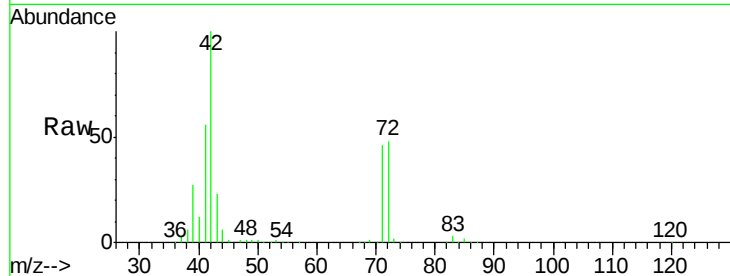
#29
Tetrahydrofuran
Concen: 277.72 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
Client Sampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	39.0	58.6
71	45.4	36.7	55.1

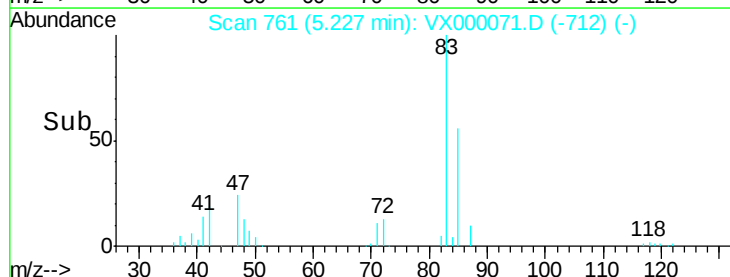
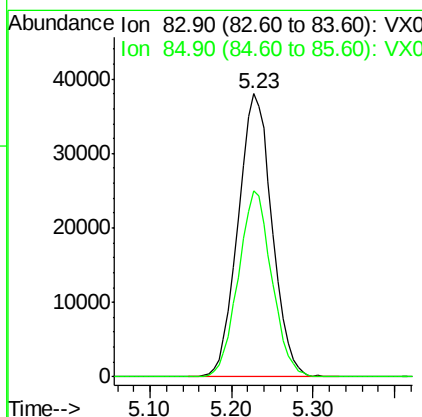
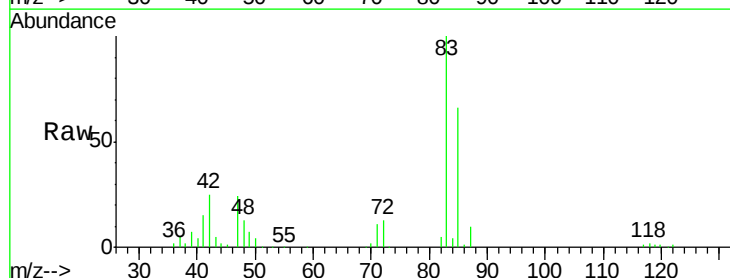
Manual Integrations
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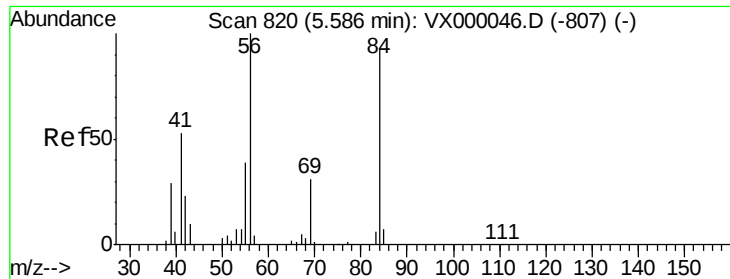
MMDadoda
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#30
Chloroform
Concen: 52.62 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.9	77.9





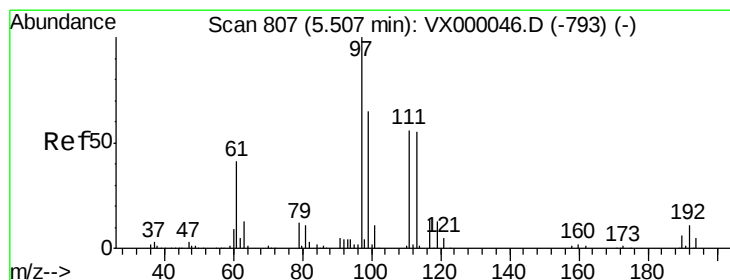
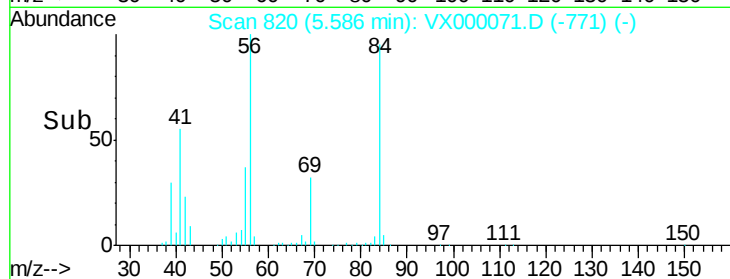
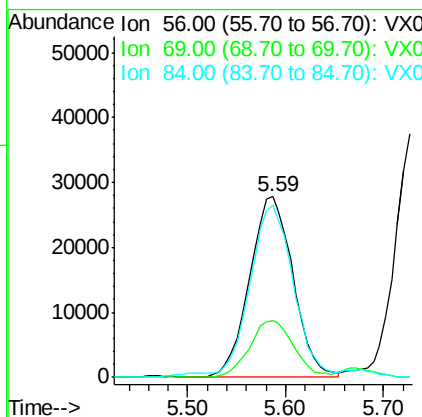
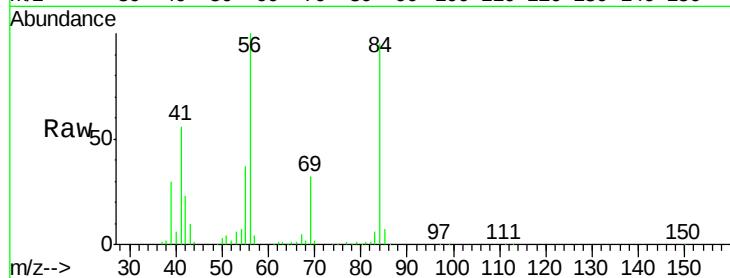
#31
Cyclohexane
Concen: 50.19 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
Client Sampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.5	36.7
84	93.0	74.8	112.2

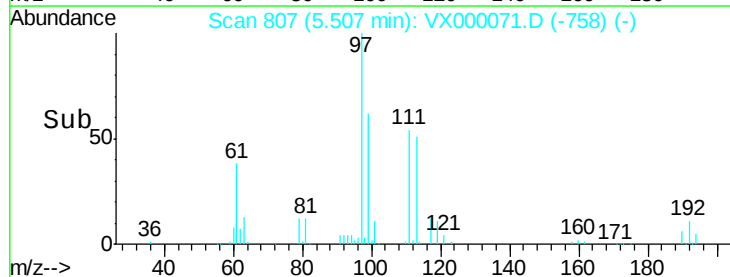
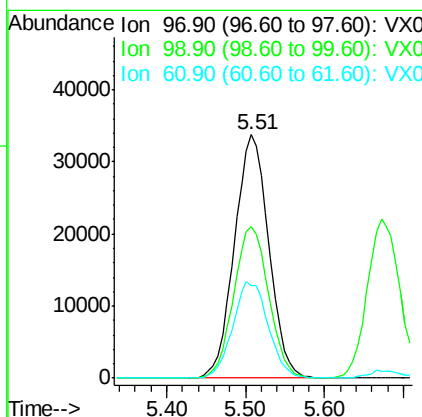
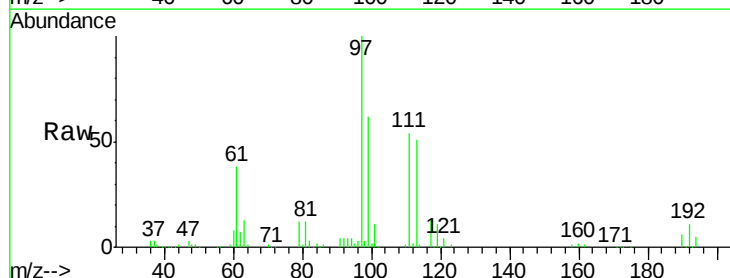
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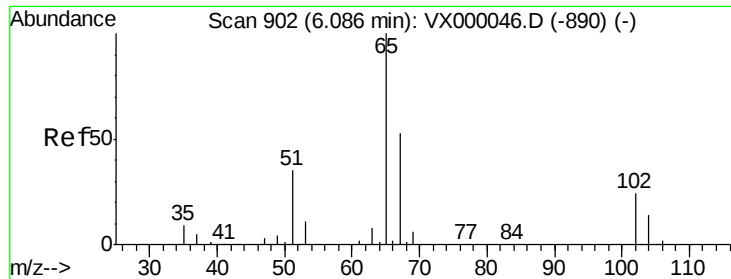
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.00 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.8	76.2
61	40.9	32.1	48.1





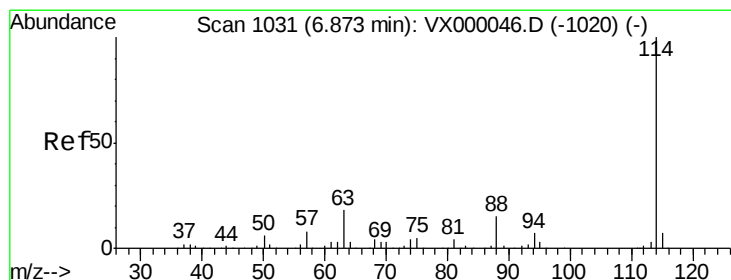
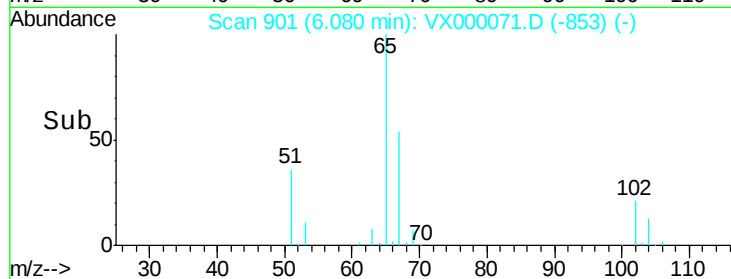
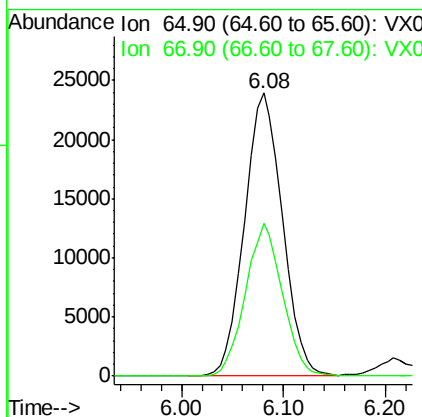
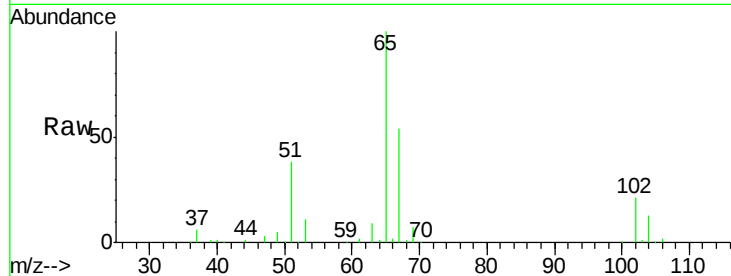
#33
 1,2-Dichloroethane-d4
 Concen: 49.79 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 65 Resp: 62008
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.0

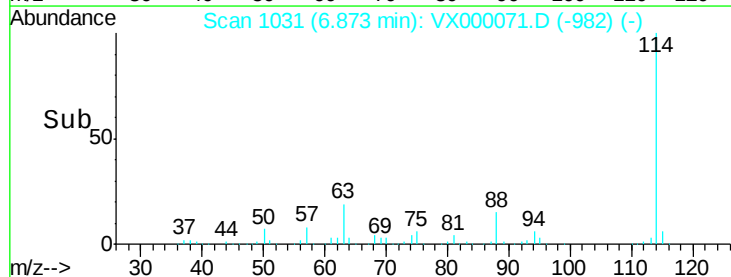
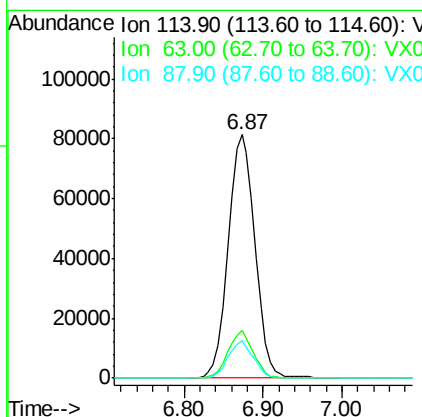
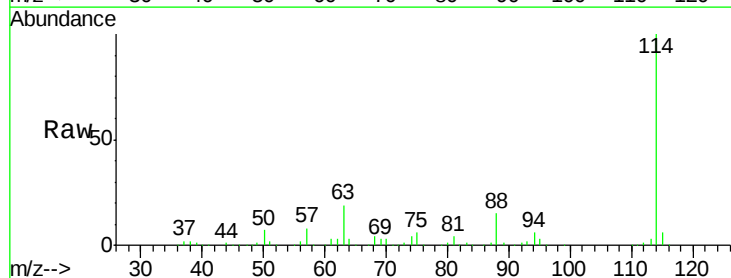
Manual Integrations
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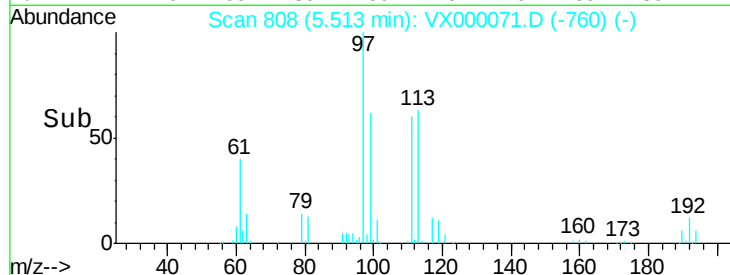
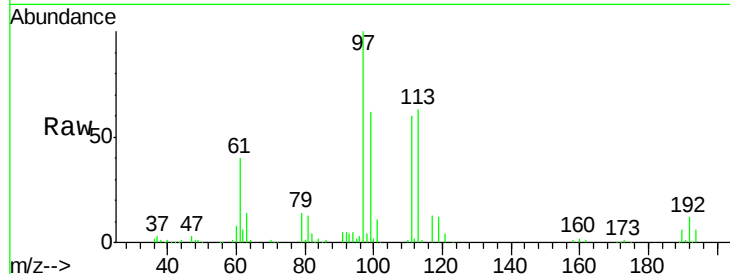
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Tgt Ion: 114 Resp: 191496
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.0
 88 15.2 0.0 30.4





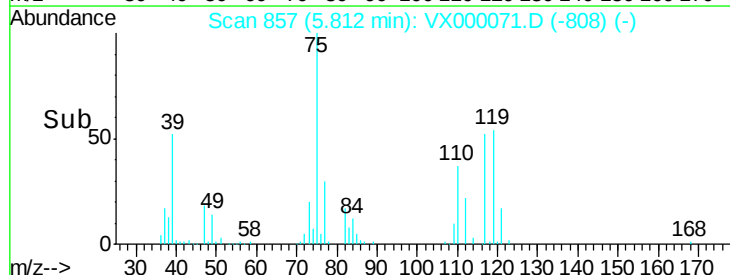
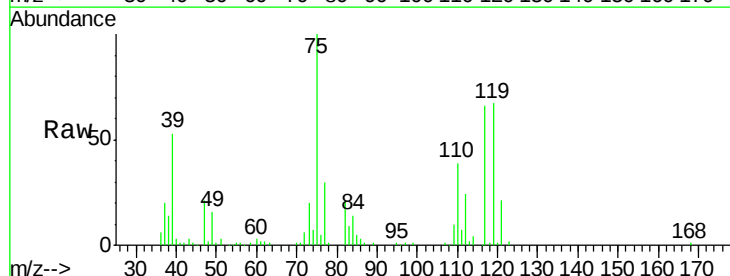
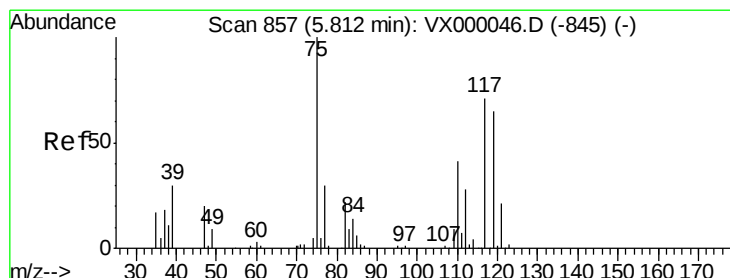
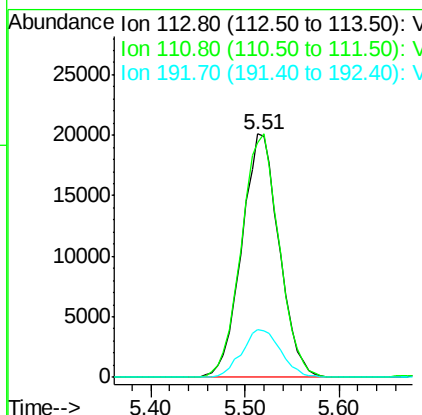
#35
Dibromofluoromethane
Concen: 49.98 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tot Ion	Ratio	Resp	Lower	Upper
113	100	55877		
111	101.1	80.5	120.7	
192	20.5	16.9	25.3	

Instrument :
ClientSampleId :
VSTDCCC050EC

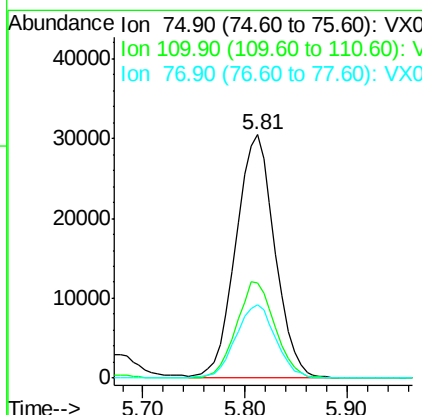
Manual Integrations
APPROVED

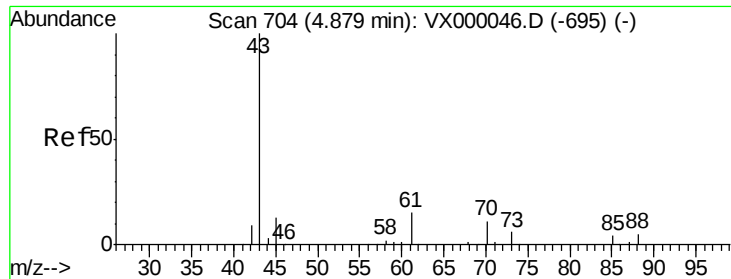
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.37 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80648		
110	39.1	19.4	58.4	
77	30.9	24.2	36.4	





#37

Ethyl Acetate

Concen: 51.06 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

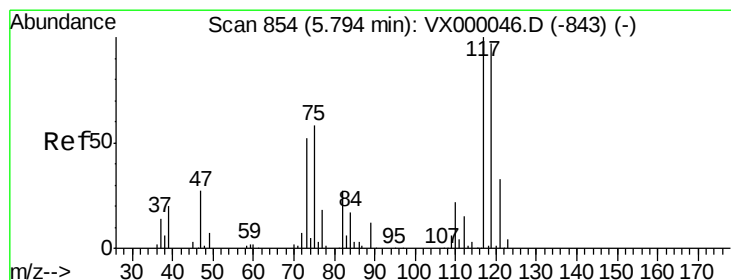
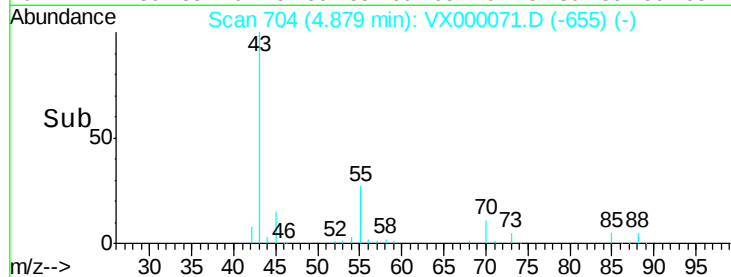
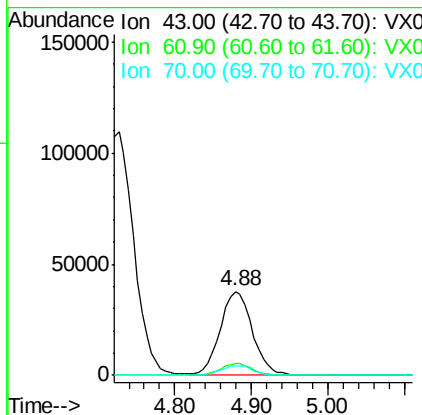
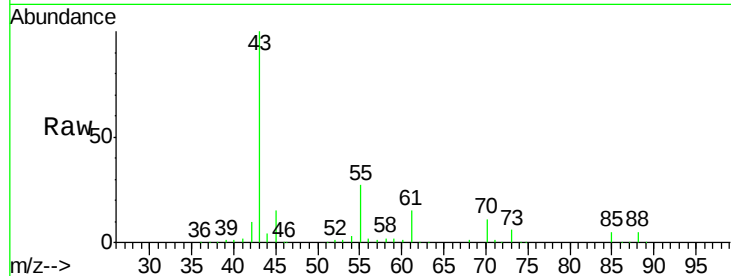
ClientSampled :

VSTDCCC050EC

Tot Ion:	43	Resp:	109931
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.4	17.2
70	11.2	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.88 ug/l

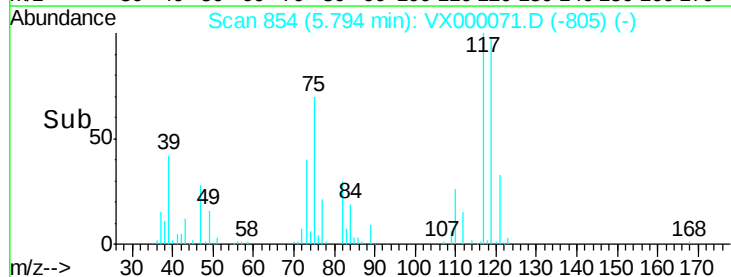
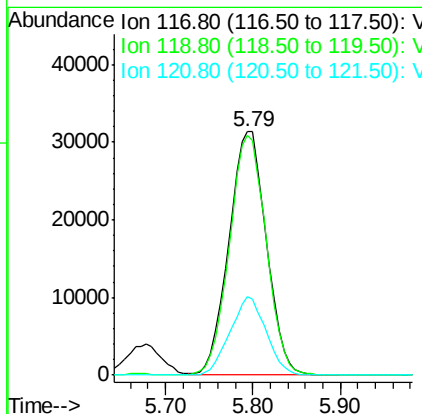
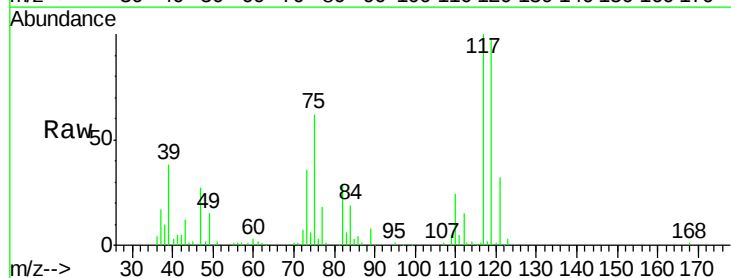
RT: 5.79 min Scan# 854

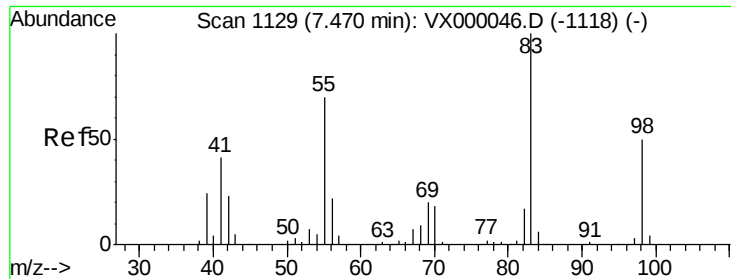
Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Tgt Ion:	117	Resp:	93377
Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.9	115.3
121	32.2	25.8	38.8





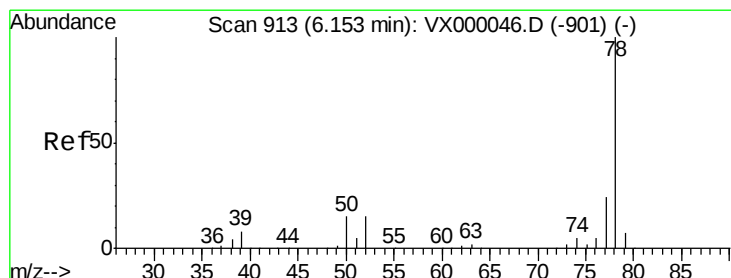
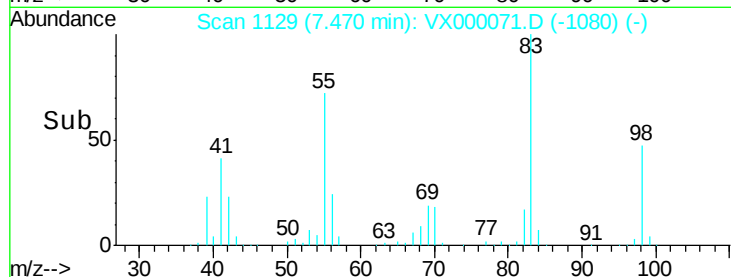
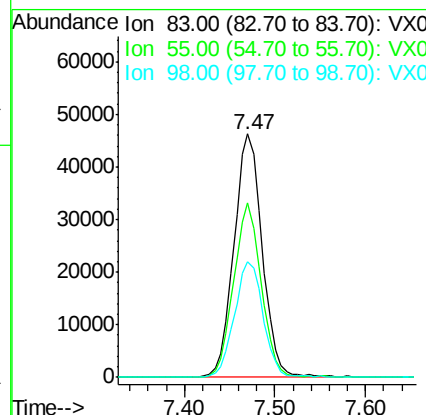
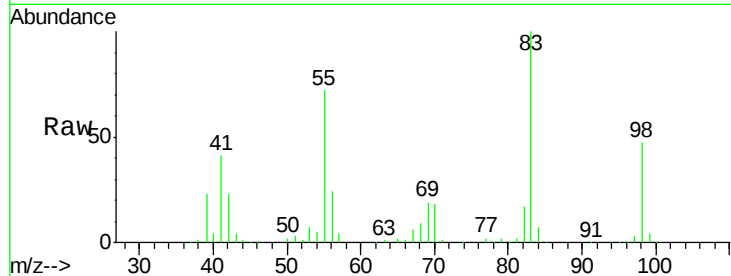
#39
Methvlcvclohexane
Concen: 49.42 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	55.7	83.5
98	47.3	39.7	59.5

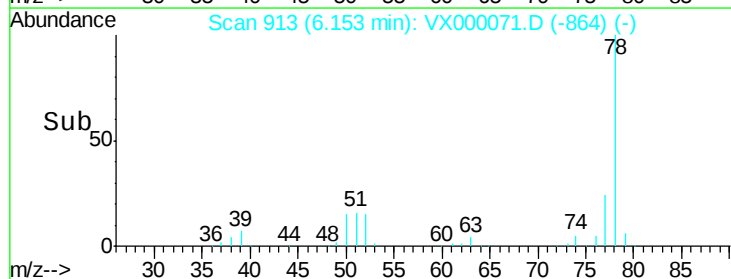
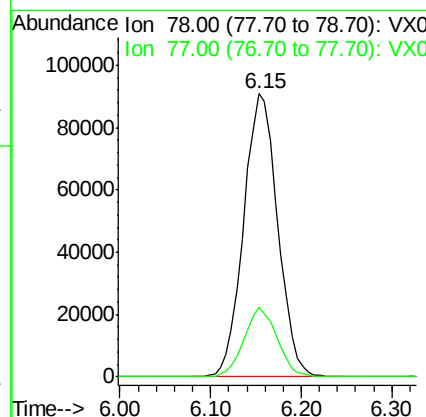
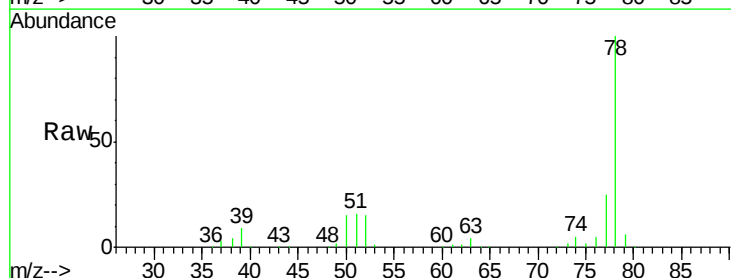
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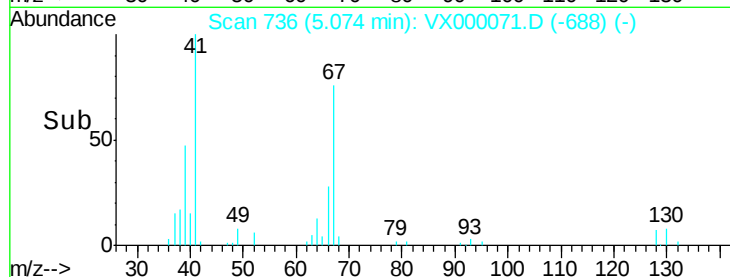
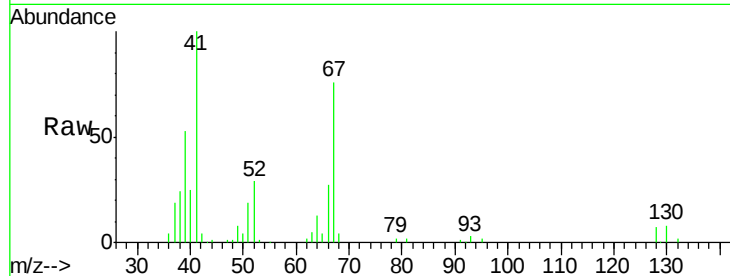
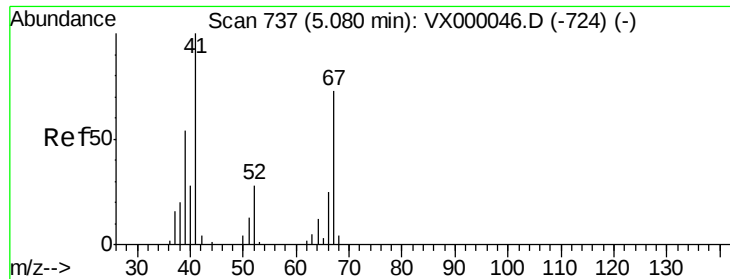
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#40
Benzene
Concen: 50.16 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.2





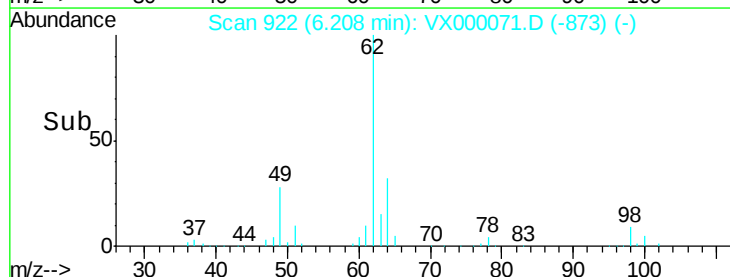
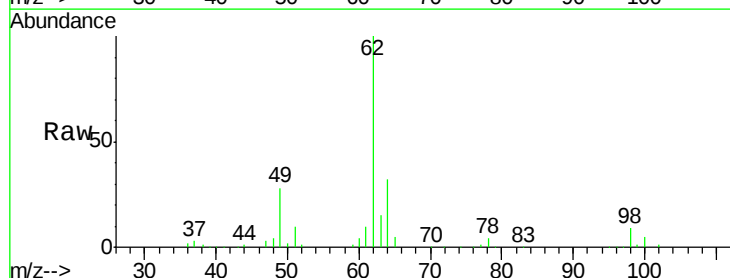
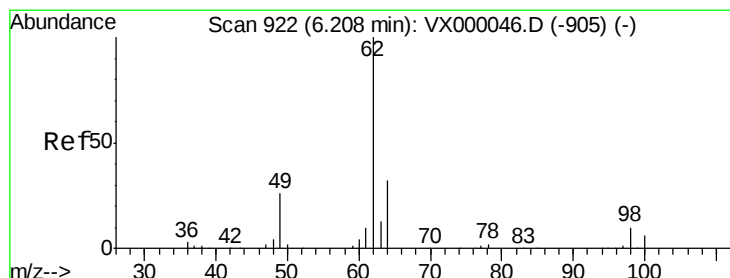
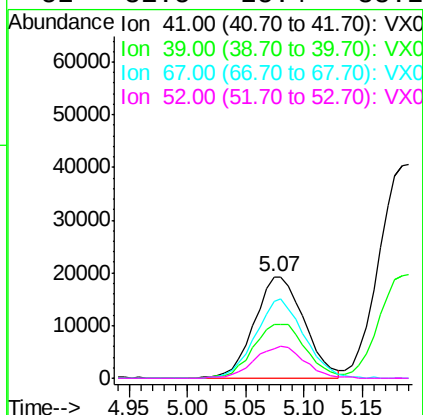
#41
Methacrylonitrile
Concen: 51.62 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		57089		
39	55.6	45.8	68.8		
67	76.0	60.6	91.0		
52	31.5	25.4	38.2		

Instrument :
ClientSampled :
VSTDCCC050EC

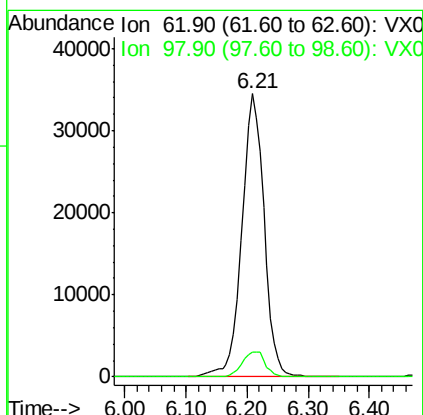
Manual Integrations
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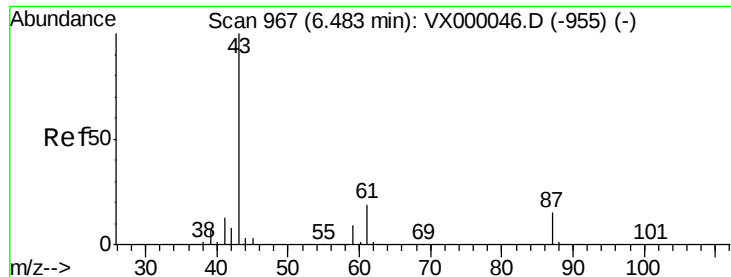
MMDadoda
2/15/2018 6:05:19 PM



#42
1,2-Dichloroethane
Concen: 51.78 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		87172		
98	9.2	0.0	18.6		





#43

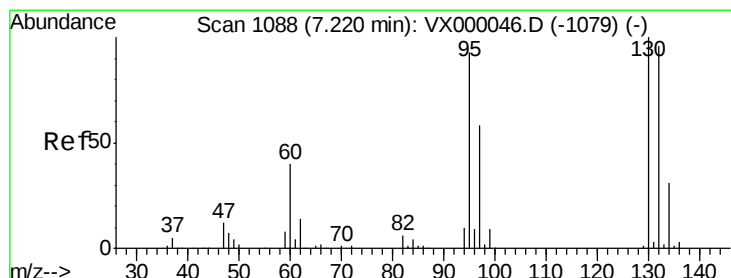
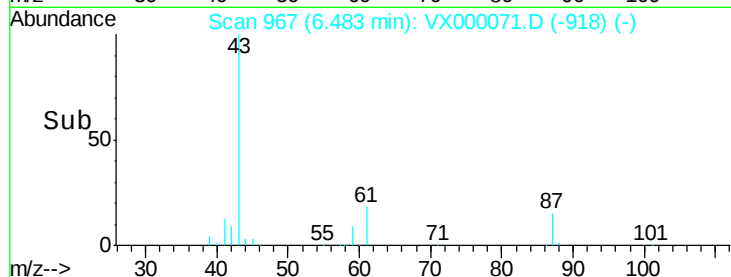
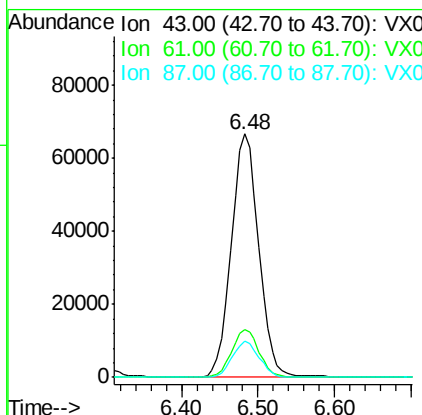
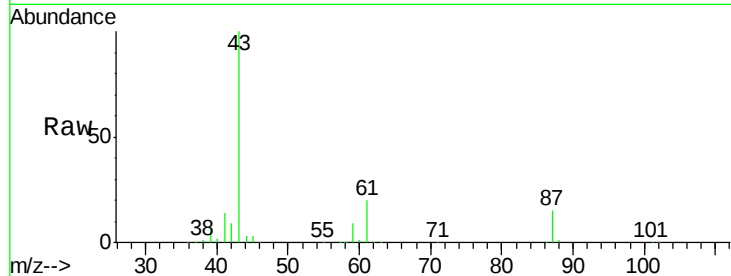
Isopropyl Acetate
 Concen: 50.83 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.9	23.9
87	14.7	11.8	17.6

Manual Integrations
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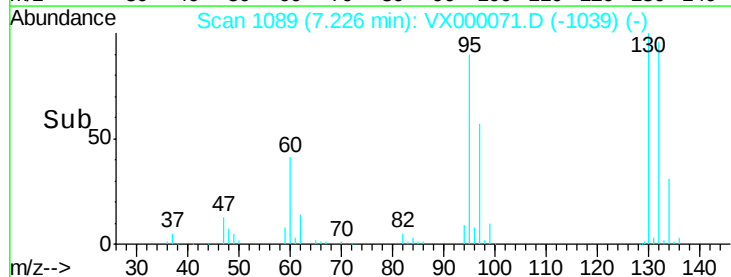
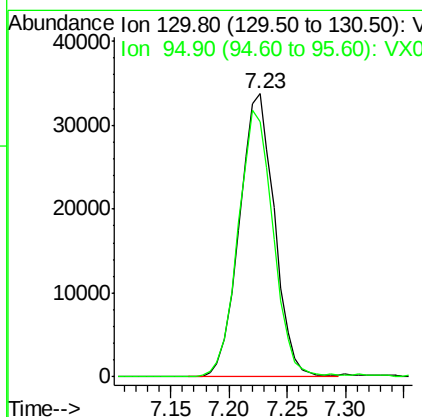
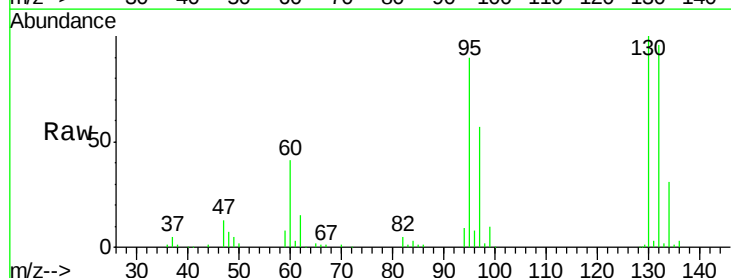
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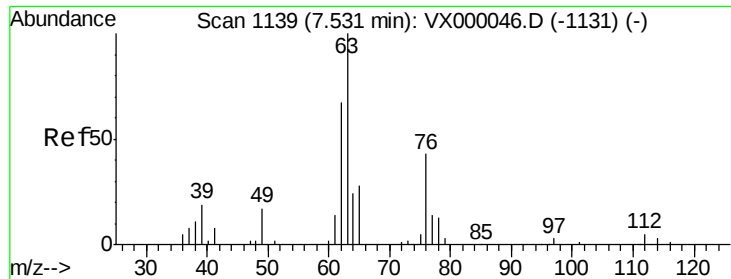


#44

Trichloroethene
 Concen: 48.77 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	185.2





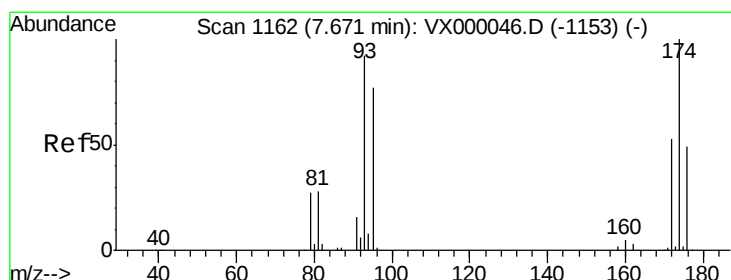
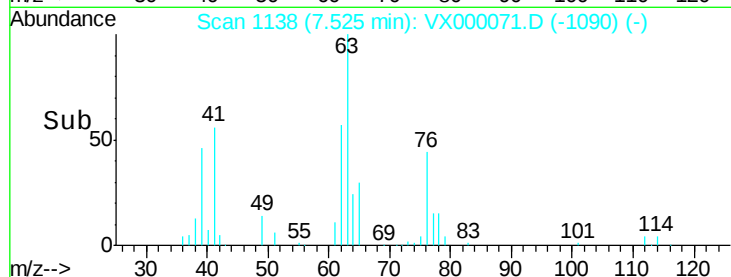
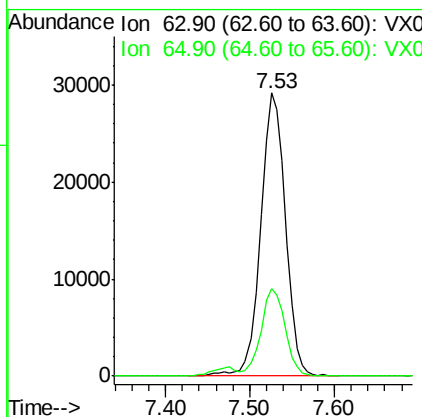
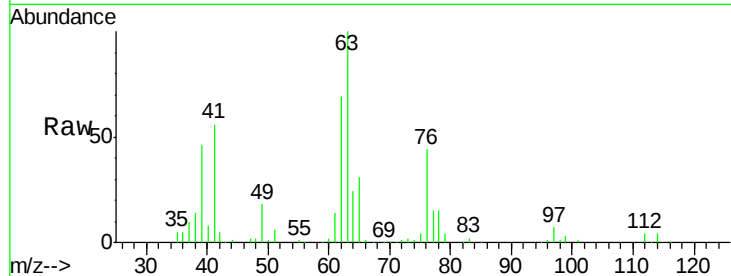
#45
1,2-Dichloropropane
Concen: 51.86 ug/l
RT: 7.53 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampleId :
VSTDCCC050EC

Tot Ion: 63 Resp: 59417
Ion Ratio Lower Upper
63 100
65 31.1 23.7 35.5

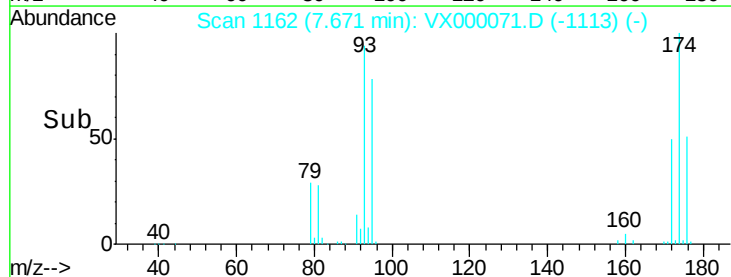
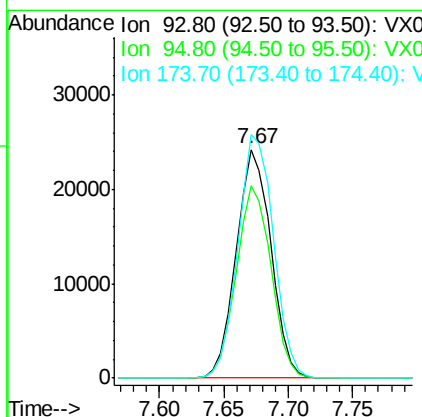
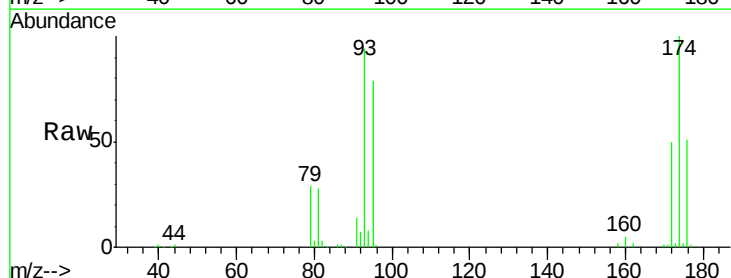
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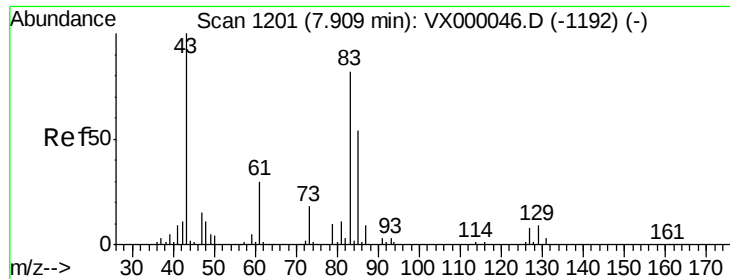
MMDadoda
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#46
Dibromomethane
Concen: 51.25 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion: 93 Resp: 45317
Ion Ratio Lower Upper
93 100
95 84.3 66.3 99.5
174 108.9 90.4 135.6





#47

Bromodichloromethane

Concen: 51.30 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000071.D

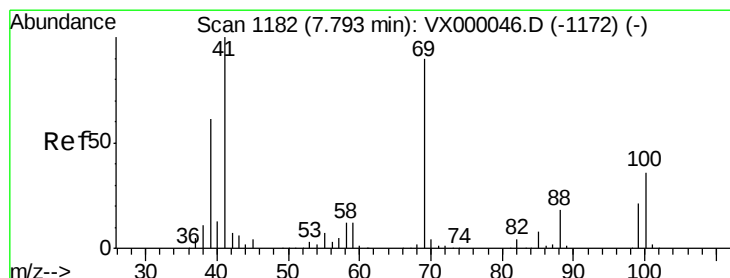
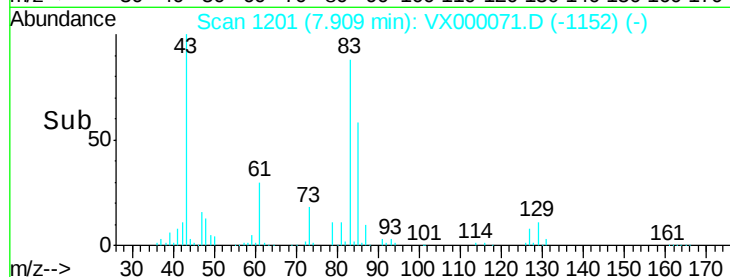
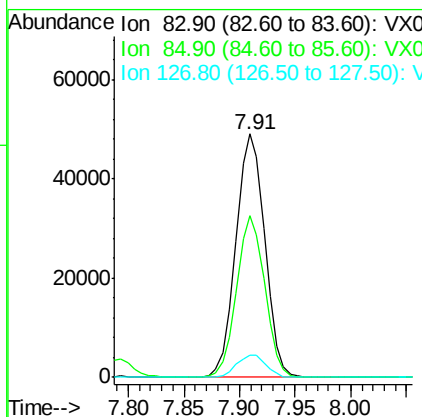
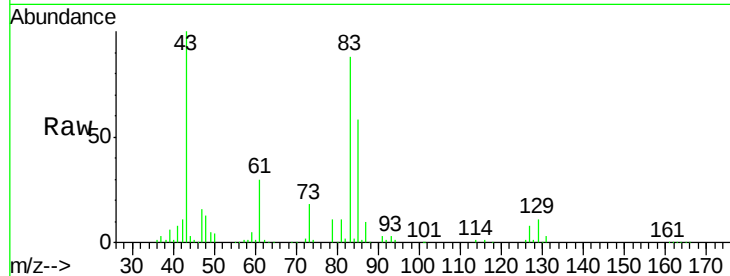
Acq: 12 Feb 2018 18:04

Tot Ion:	83	Resp:	88210
Ion Ratio	Lower	Upper	
83	100		
85	66.2	52.3	78.5
127	9.2	7.4	11.0

Instrument :
ClientSampled :
VSTDCCC050EC

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#48

Methyl methacrylate

Concen: 50.44 ug/l

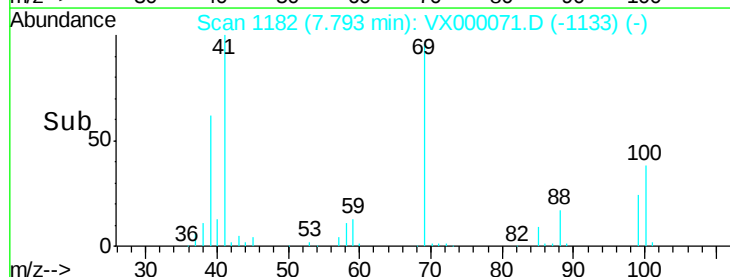
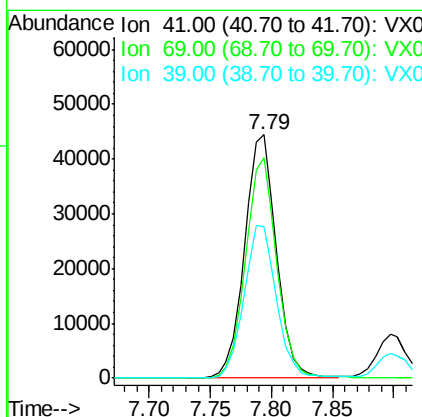
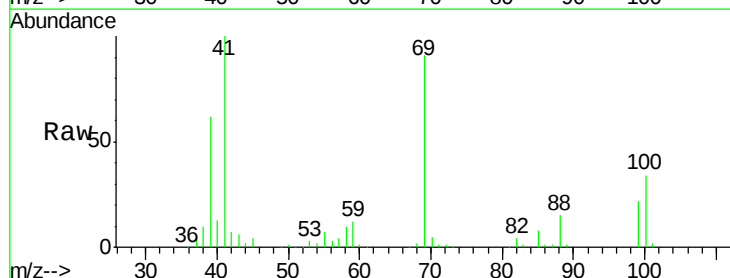
RT: 7.79 min Scan# 1182

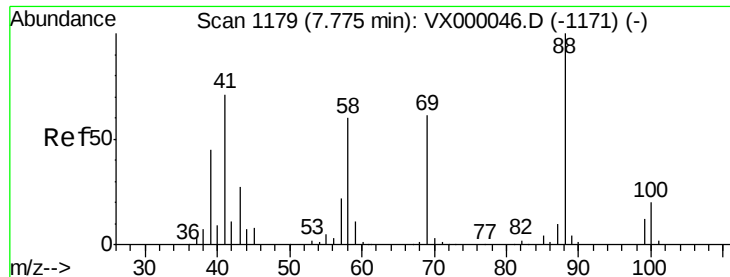
Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Tgt Ion:	41	Resp:	80374
Ion Ratio	Lower	Upper	
41	100		
69	88.9	72.1	108.1
39	63.2	49.6	74.4





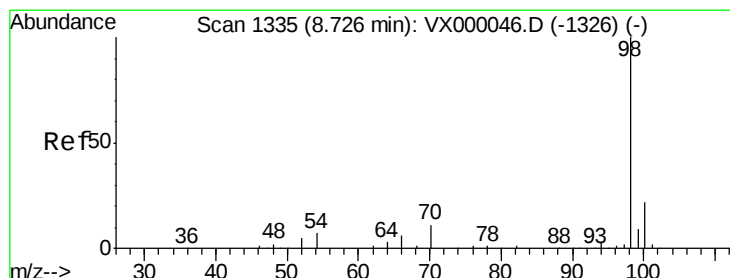
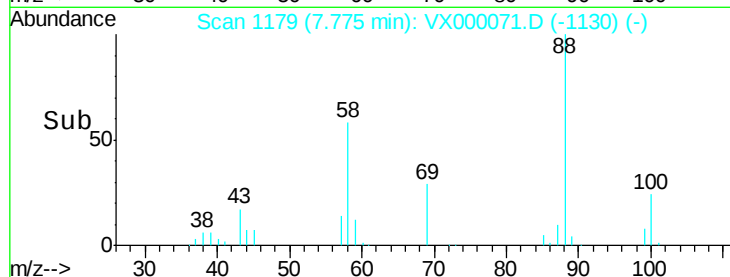
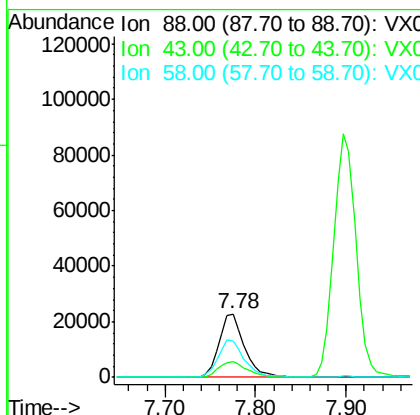
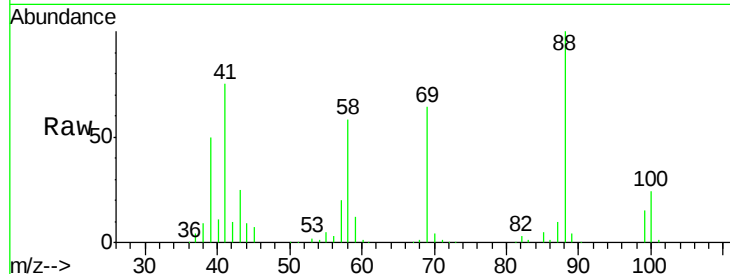
#49
1,4-Dioxane
Concen: 1057.42 ug/l
RT: 7.78 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.7	22.6	33.8
58	61.5	49.4	74.2

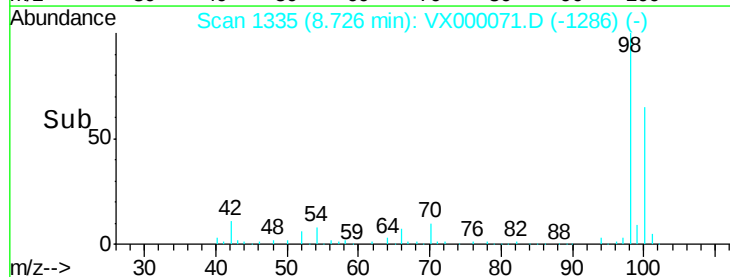
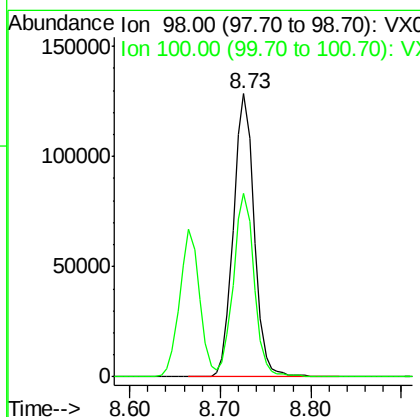
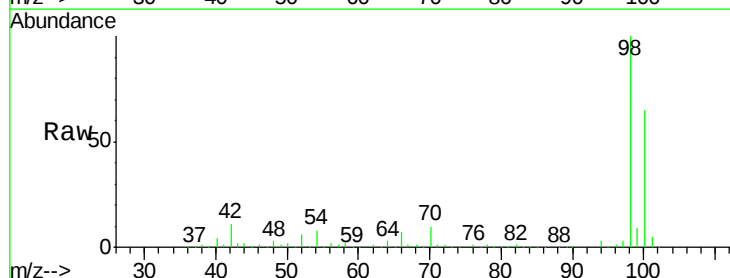
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#50
Toluene-d8
Concen: 49.23 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 274.08 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 619970

Ion Ratio Lower Upper

43 100

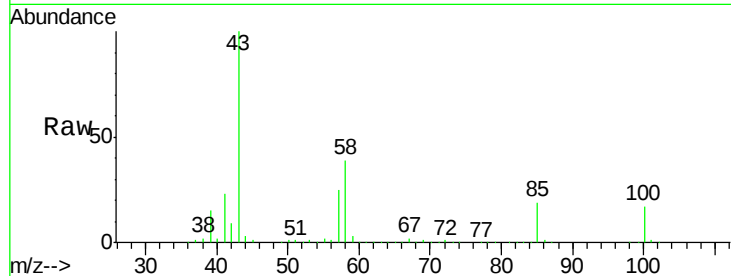
58 39.5 32.1 48.1

Manual Integrations

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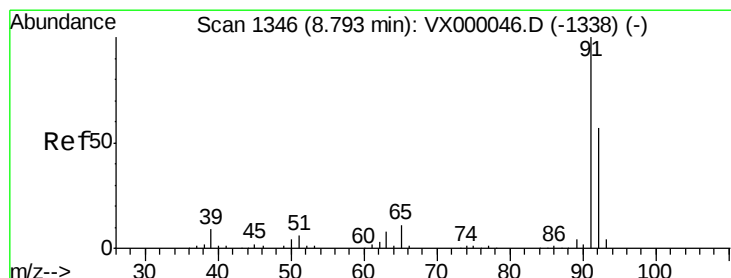
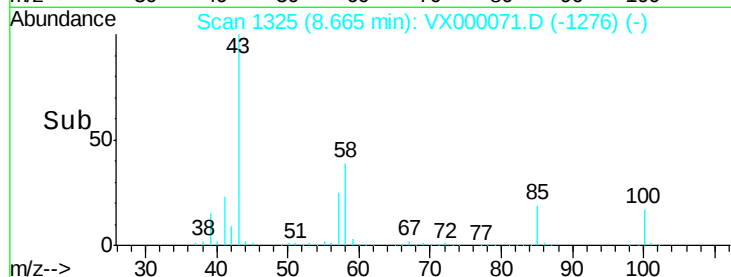
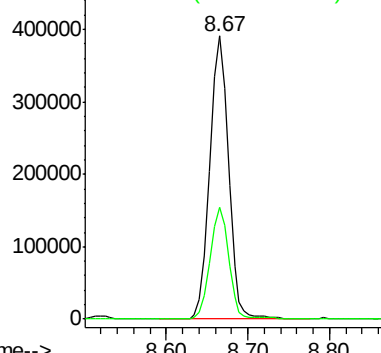
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.04 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000071.D

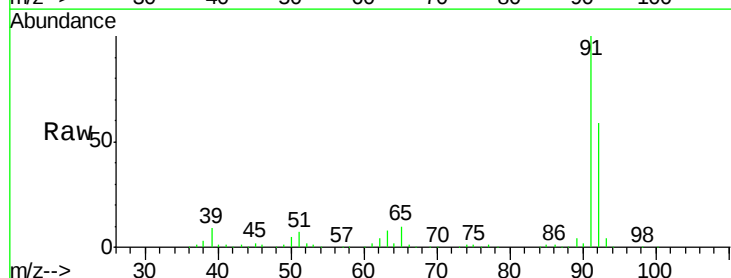
Acq: 12 Feb 2018 18:04

Tgt Ion: 92 Resp: 164718

Ion Ratio Lower Upper

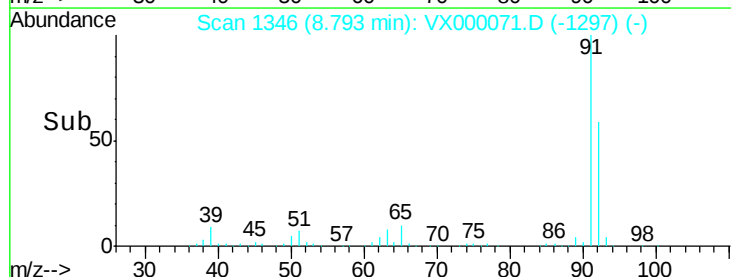
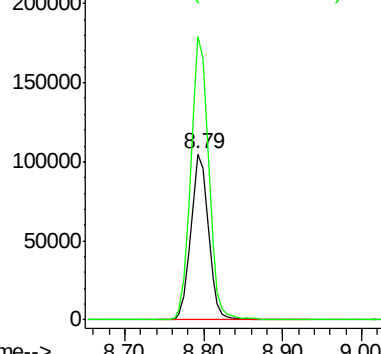
92 100

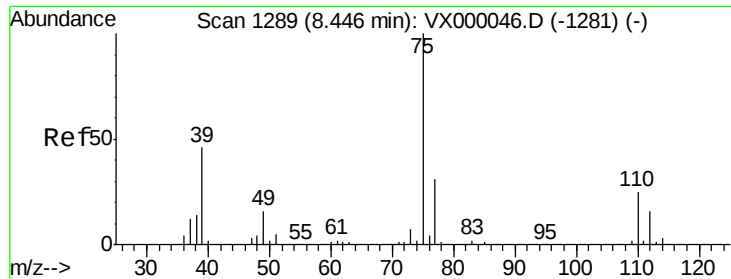
91 172.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





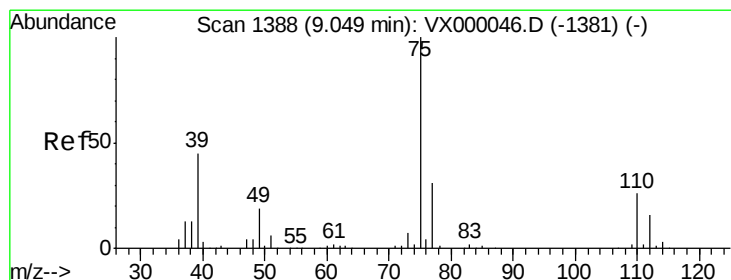
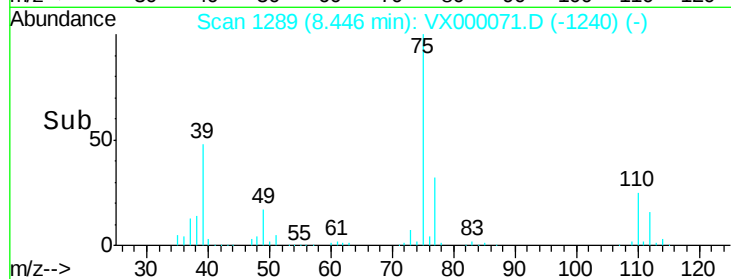
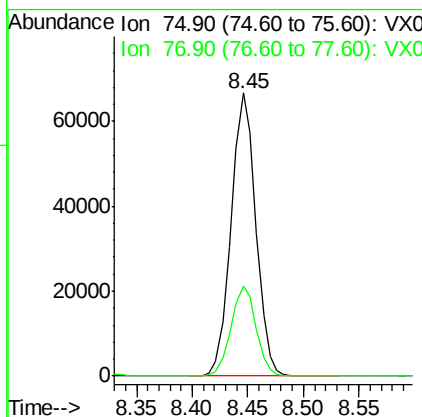
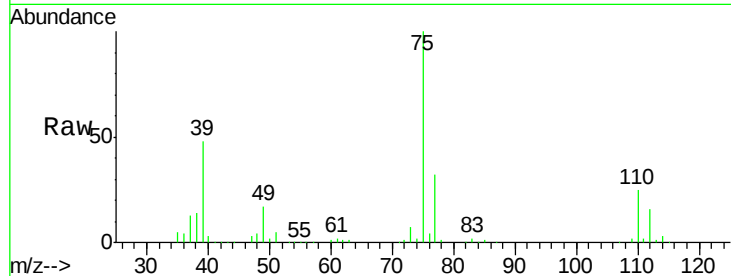
#53
 t-1,3-Dichloropropene
 Concen: 50.92 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 75 Resp: 102437
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4

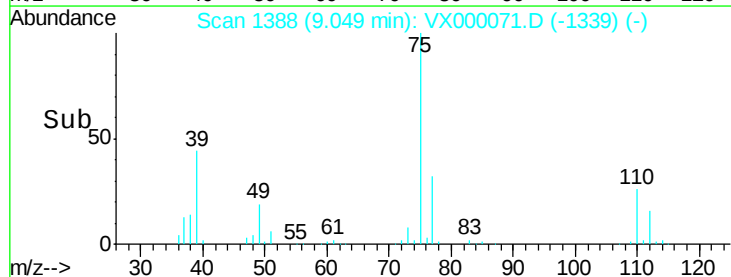
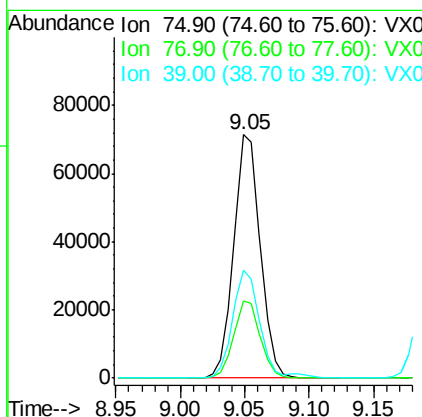
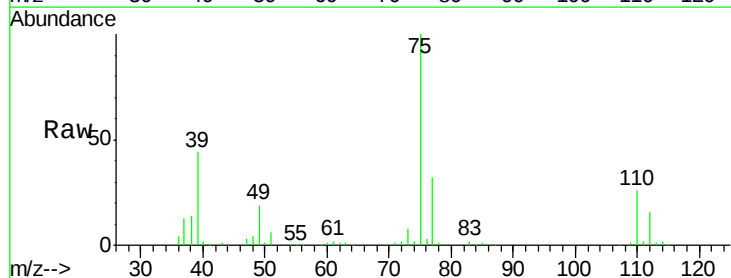
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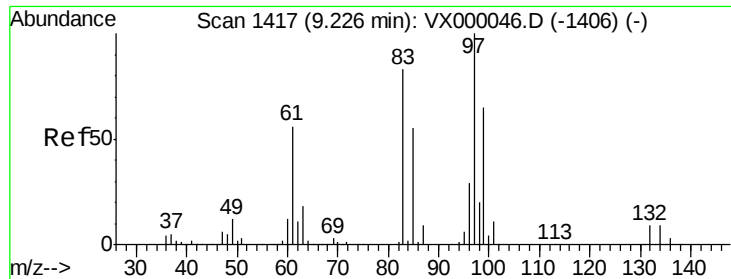
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#54
 cis-1,3-Dichloropropene
 Concen: 52.49 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Tgt Ion: 75 Resp: 102616
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7
 39 44.4 36.1 54.1





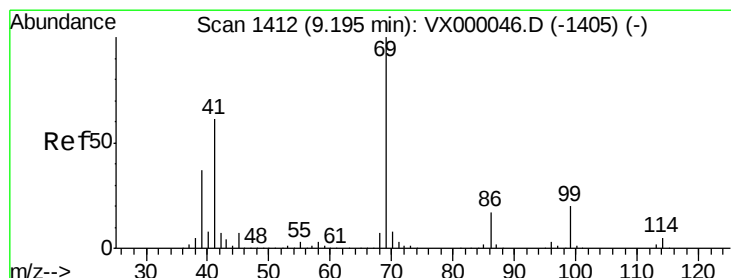
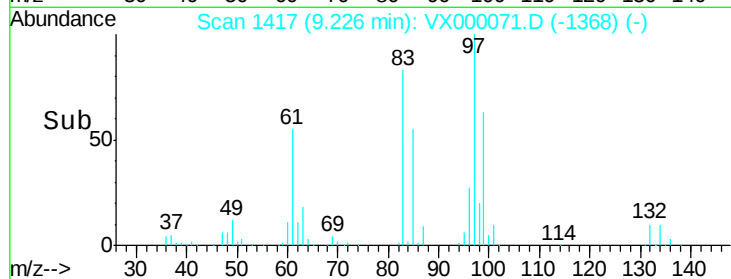
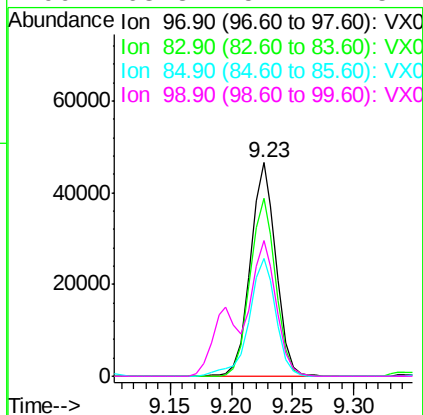
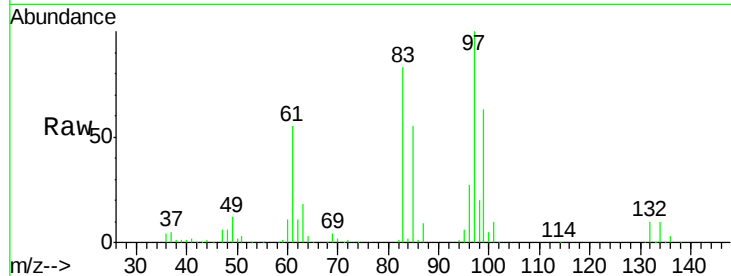
#55
 1,1,2-Trichloroethane
 Concen: 51.09 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion:	97	Resp:	67817
Ion Ratio	Lower	Upper	
97	100		
83	83.3	66.5	99.7
85	55.4	43.8	65.6
99	63.3	52.2	78.4

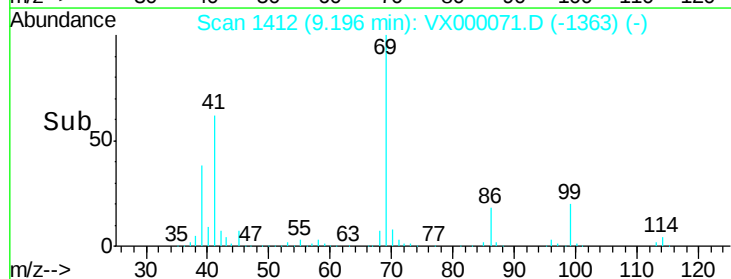
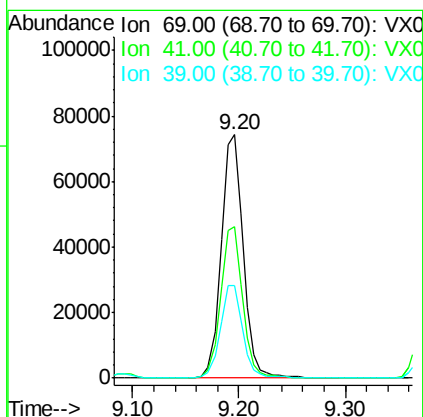
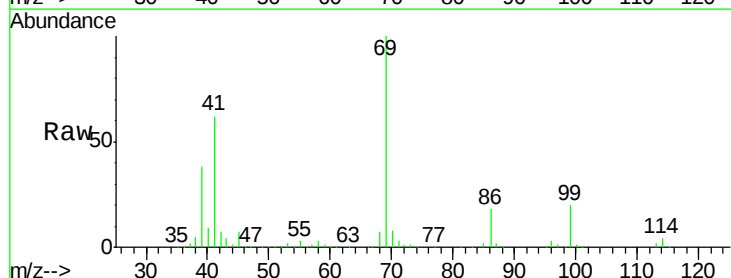
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#56
 Ethyl methacrylate
 Concen: 52.69 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Tgt Ion:	69	Resp:	107298
Ion Ratio	Lower	Upper	
69	100		
41	62.2	49.5	74.3
39	38.7	29.9	44.9





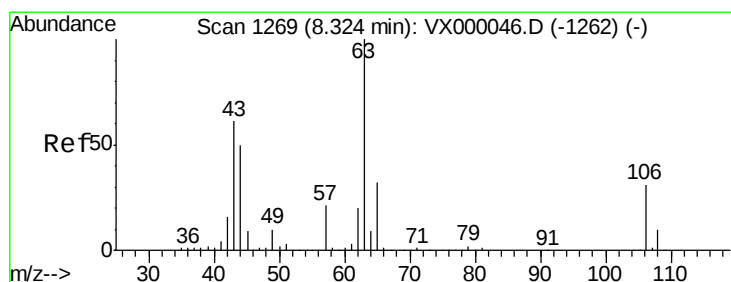
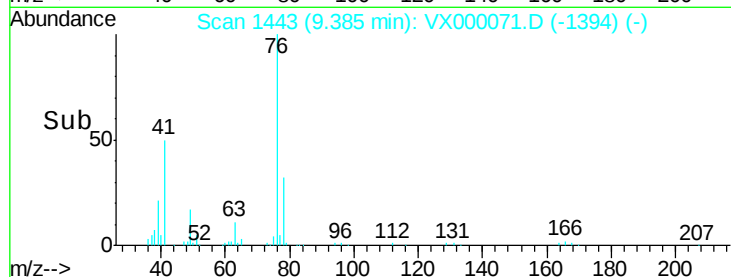
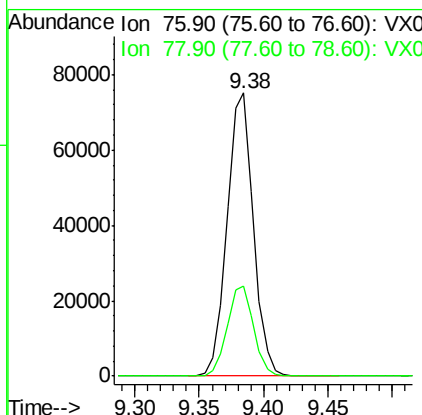
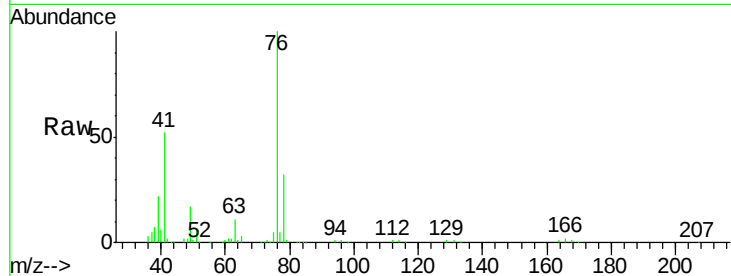
#57
 1,3-Dichloropropane
 Concen: 52.04 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 76 Resp: 107466
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9

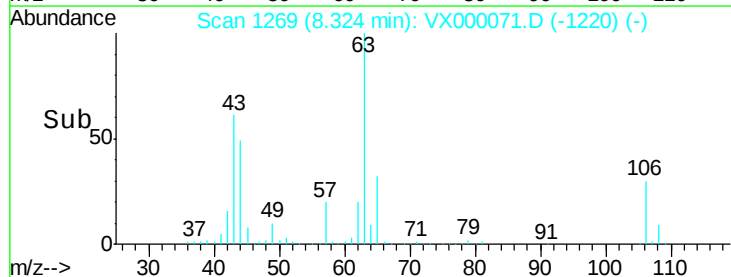
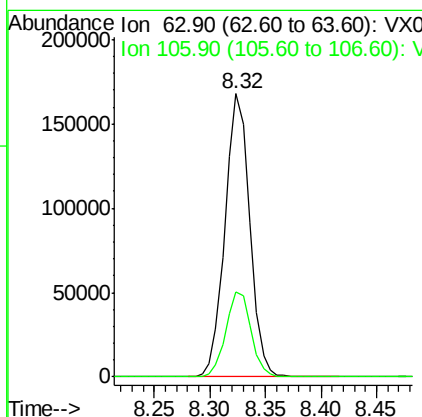
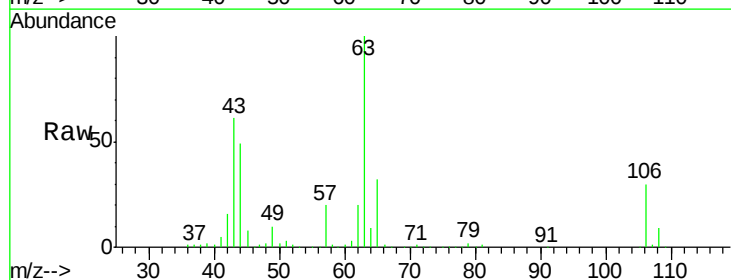
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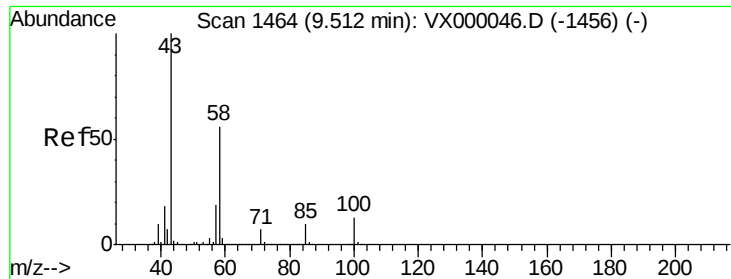
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#58
 2-Chloroethyl Vinyl ether
 Concen: 257.20 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Tgt Ion: 63 Resp: 258688
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.7 37.1





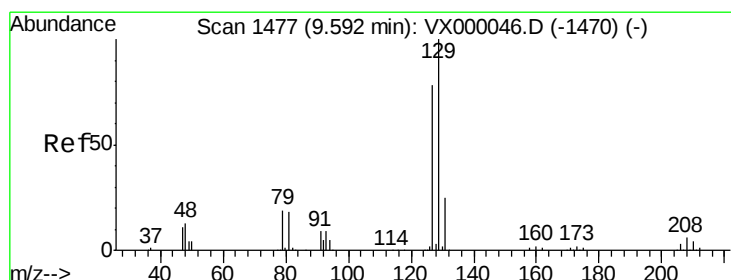
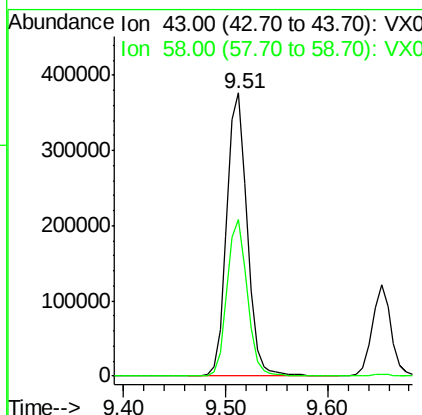
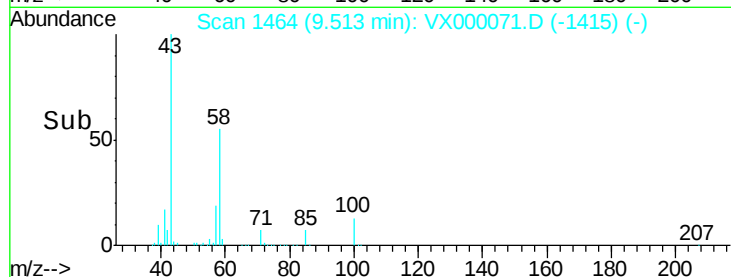
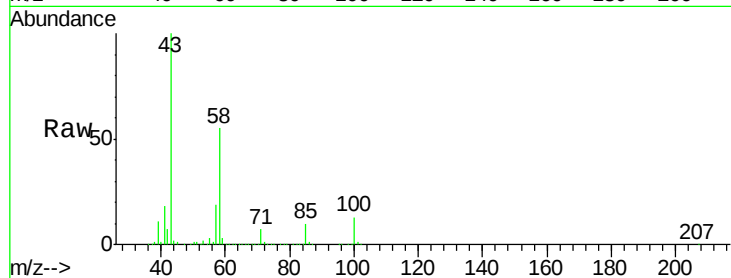
#59
2-Hexanone
Concen: 282.66 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 520012
Ion Ratio Lower Upper
43 100
58 54.7 27.6 82.7

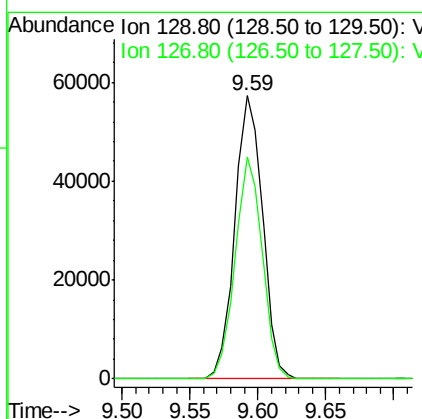
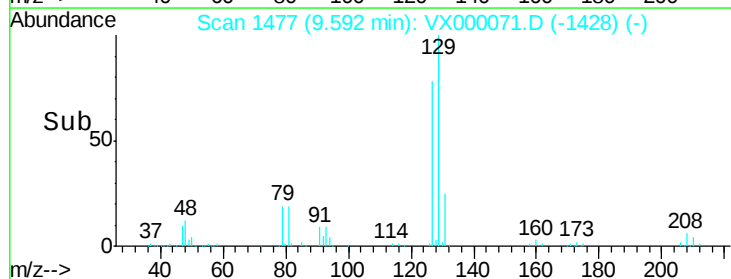
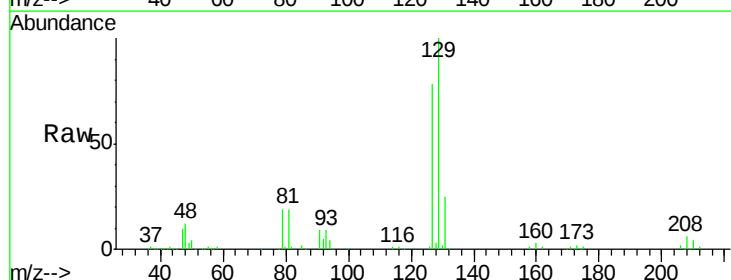
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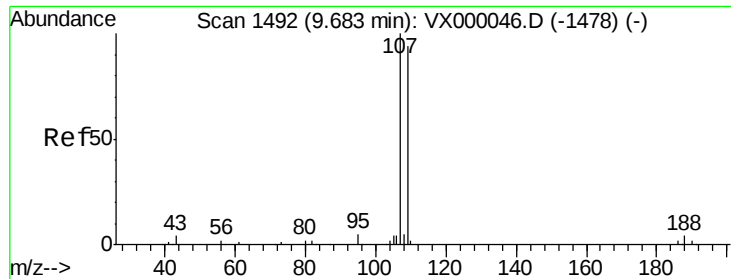
MMDadoda
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#60
Dibromochloromethane
Concen: 53.33 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion:129 Resp: 81408
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.80 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion:107 Resp: 75739

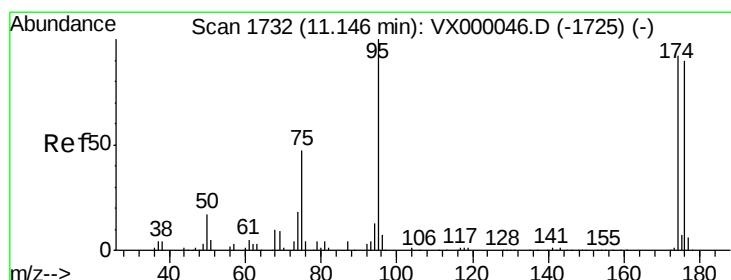
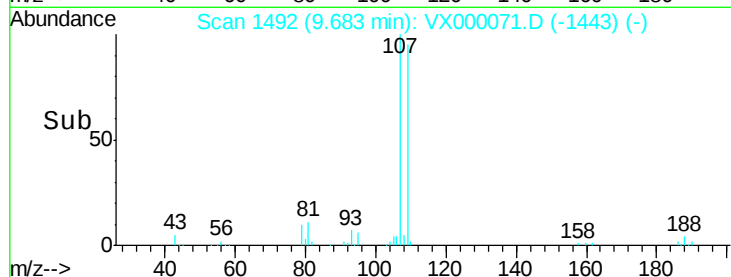
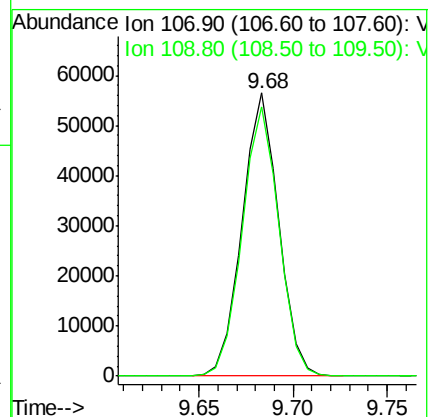
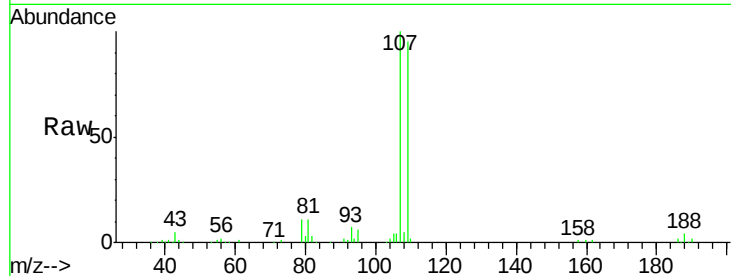
Ion Ratio Lower Upper

107 100

109 95.8 74.6 111.8

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#62

4-Bromofluorobenzene

Concen: 49.65 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

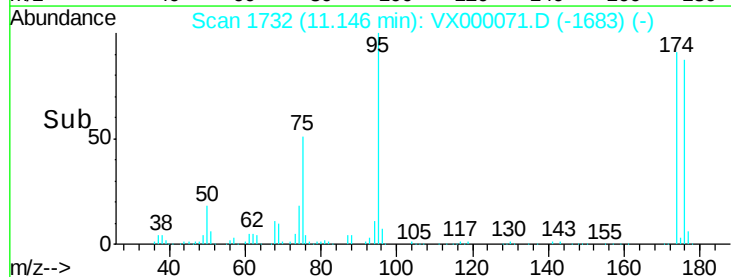
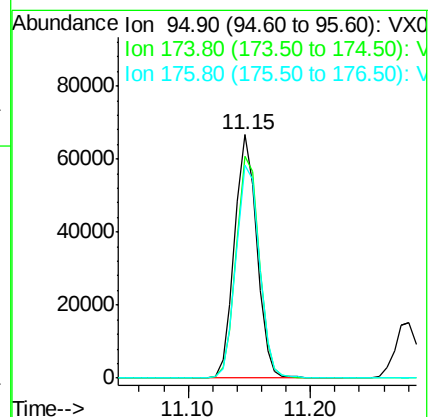
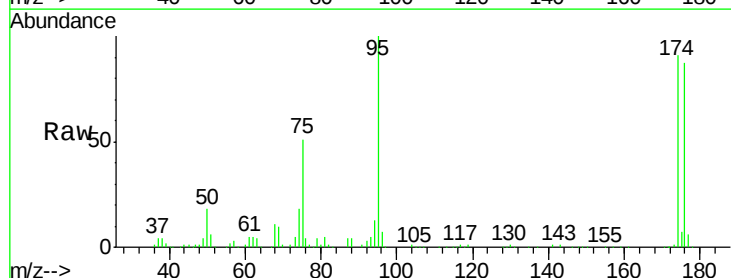
Tgt Ion: 95 Resp: 84007

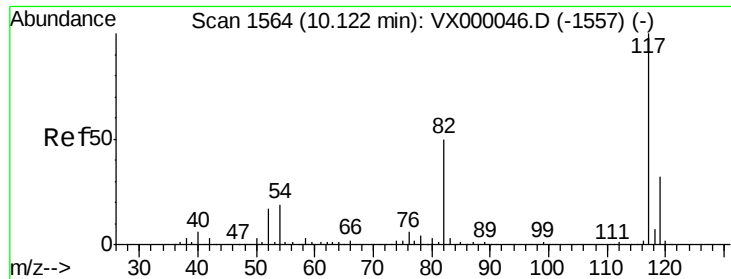
Ion Ratio Lower Upper

95 100

174 94.1 0.0 185.6

176 91.5 0.0 181.8





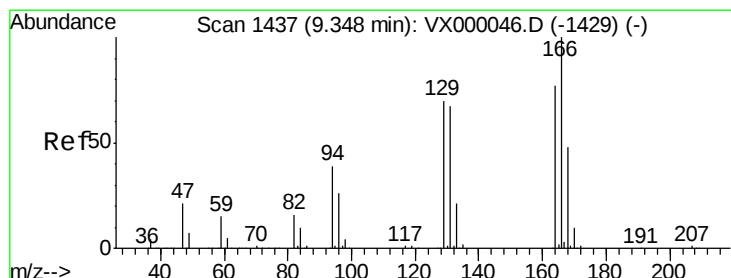
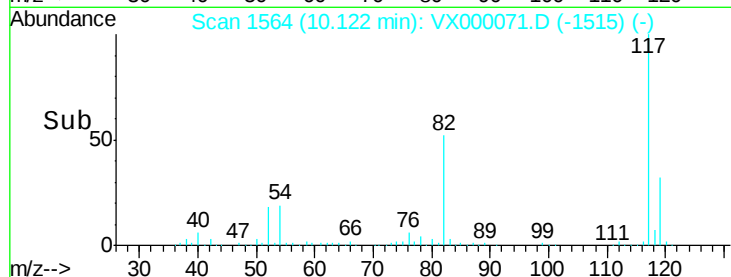
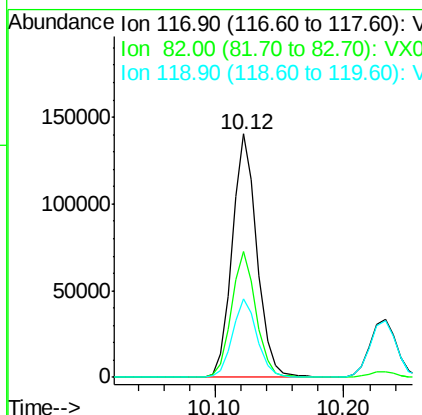
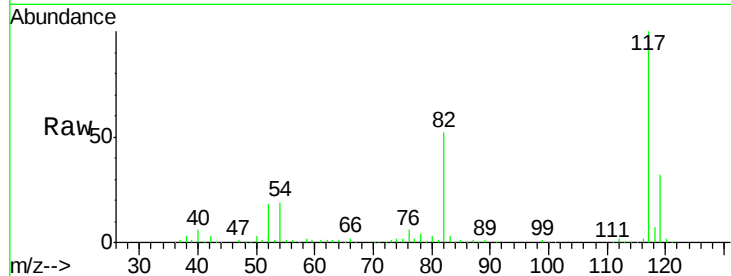
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.3	60.5
119	32.4	25.3	37.9

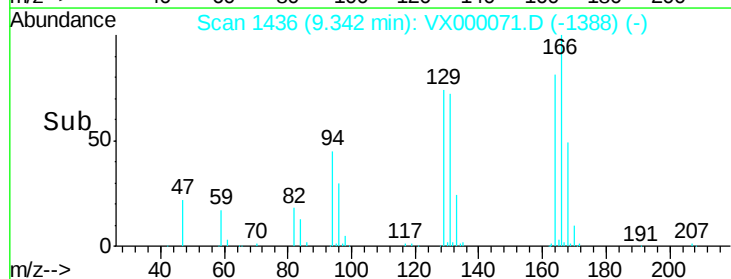
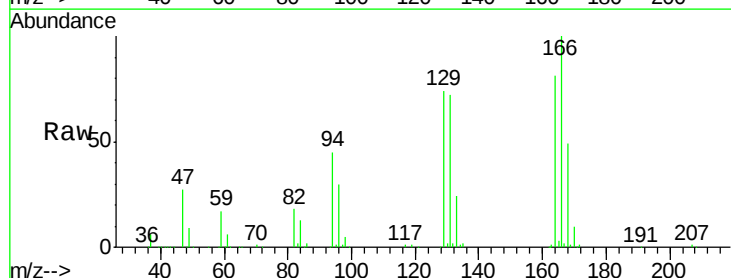
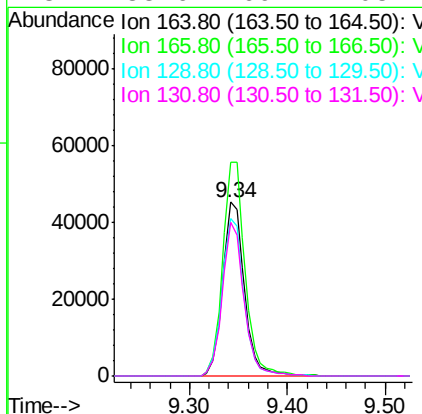
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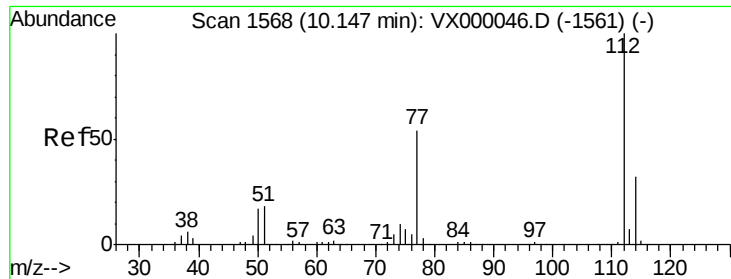
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#64
Tetrachloroethene
Concen: 49.89 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	103.7	155.5
129	91.0	72.2	108.4
131	88.6	69.1	103.7





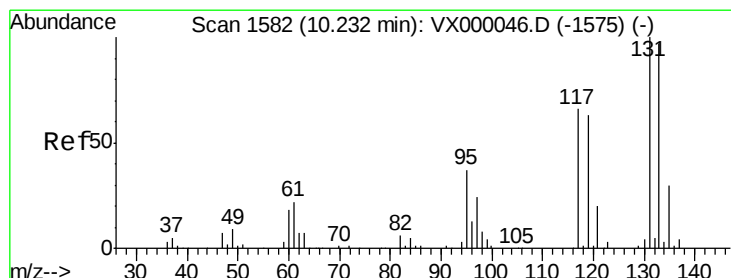
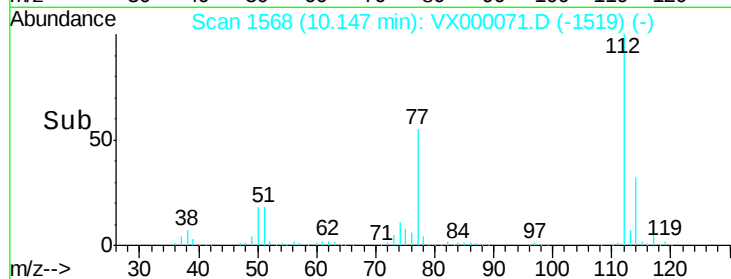
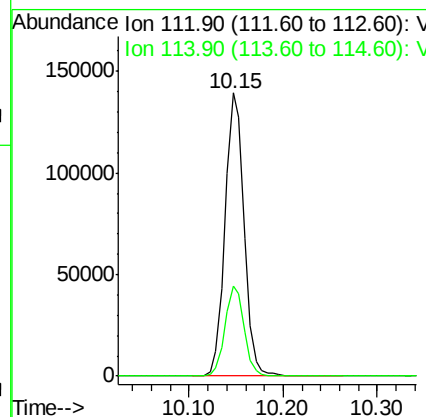
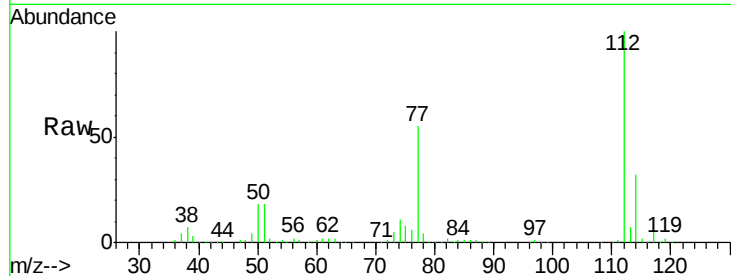
#65
Chlorobenzene
Concen: 49.82 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 195083
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

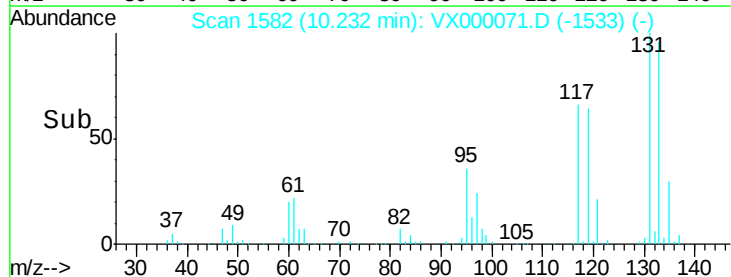
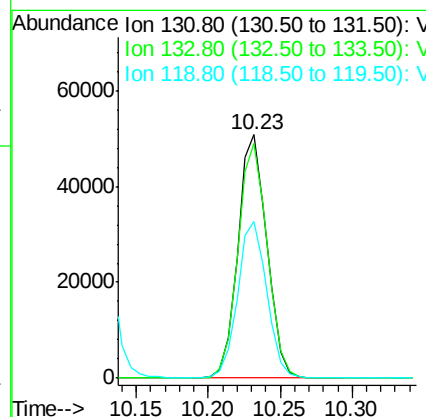
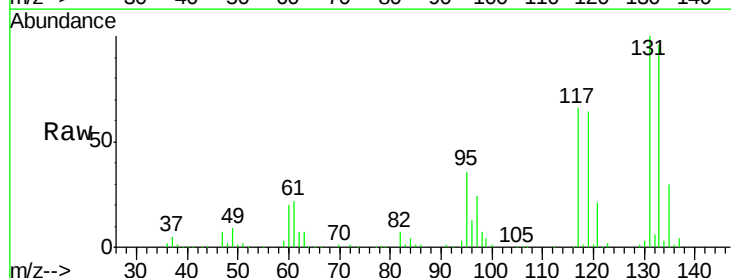
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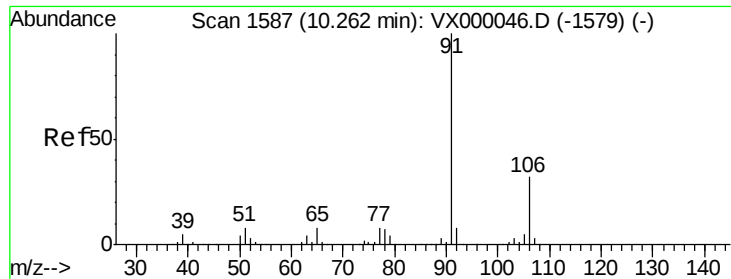
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.58 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion:131 Resp: 71197
Ion Ratio Lower Upper
131 100
133 97.4 47.6 142.9
119 65.0 31.7 95.1





#67

Ethyl Benzene

Concen: 49.71 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 322577

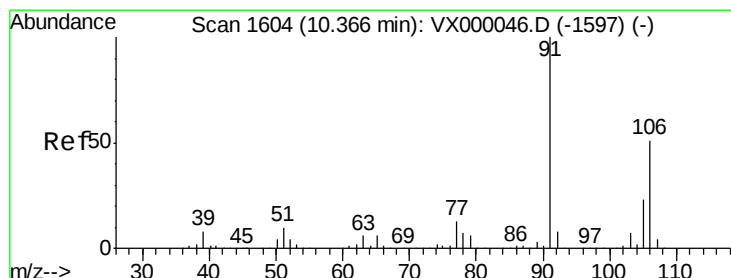
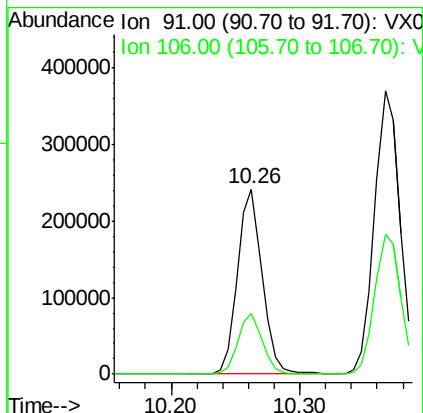
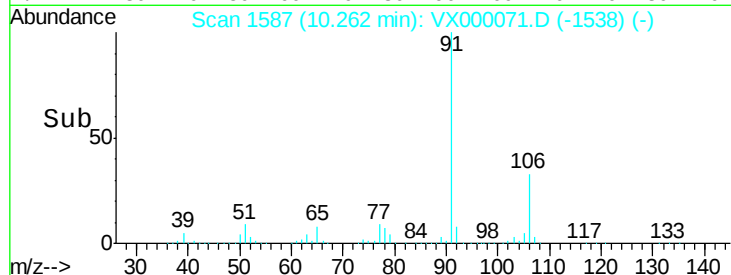
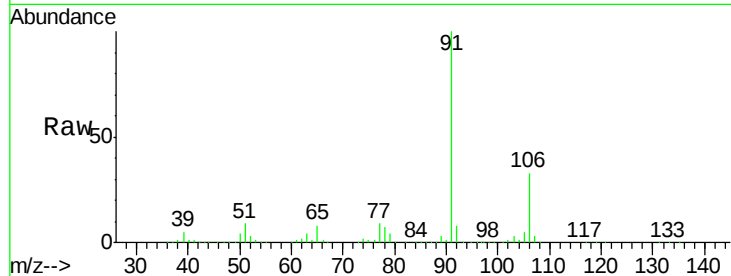
Ion Ratio Lower Upper

91 100

106 33.1 25.9 38.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 99.93 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000071.D

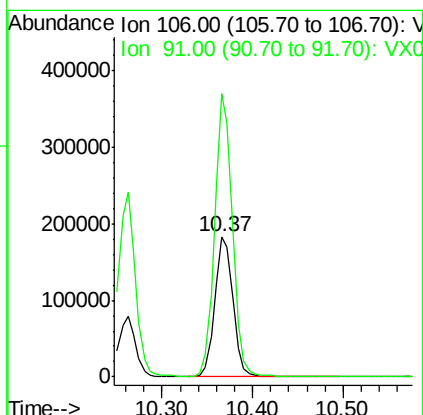
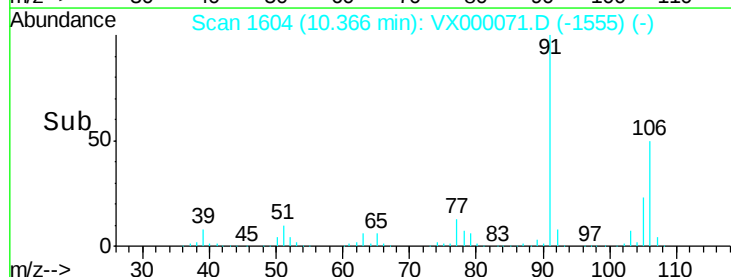
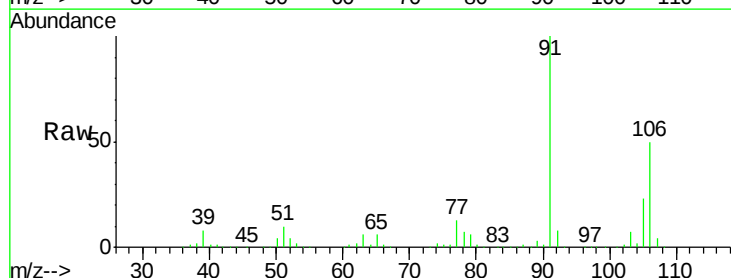
Acq: 12 Feb 2018 18:04

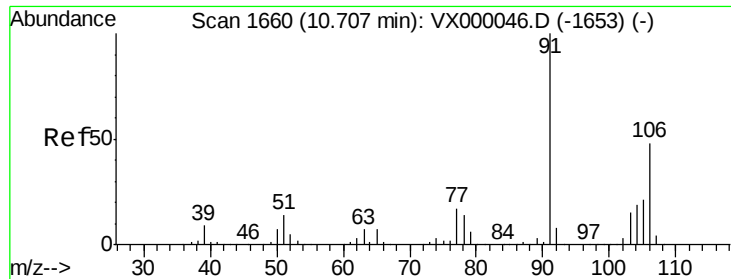
Tgt Ion: 106 Resp: 258312

Ion Ratio Lower Upper

106 100

91 198.0 158.3 237.5





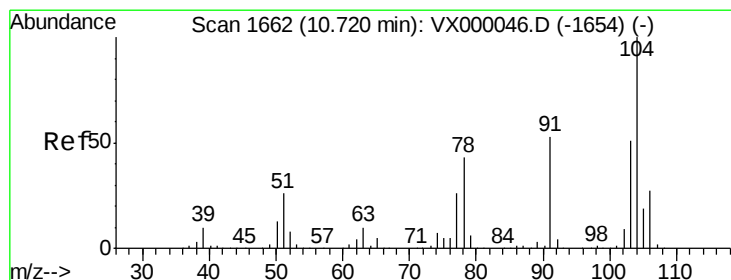
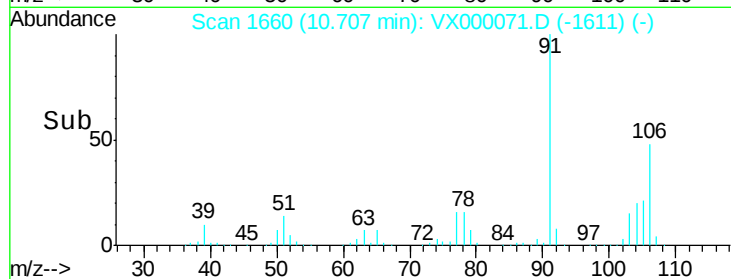
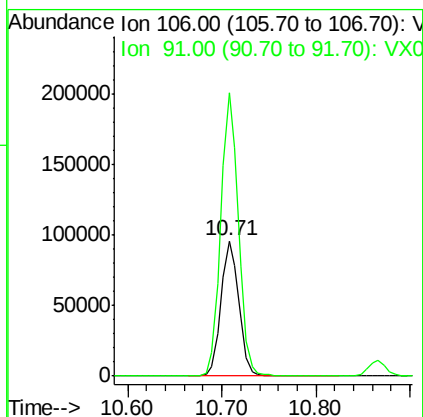
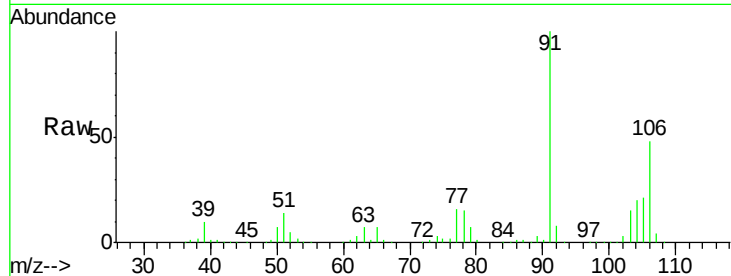
#69
o-Xylene
Concen: 50.61 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 126267
Ion Ratio Lower Upper
106 100
91 207.7 104.0 312.0

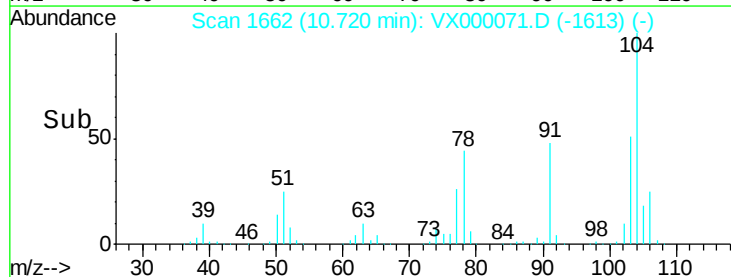
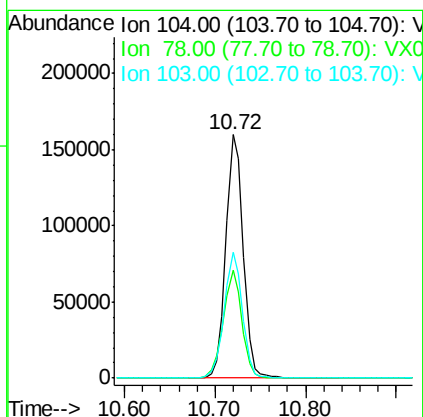
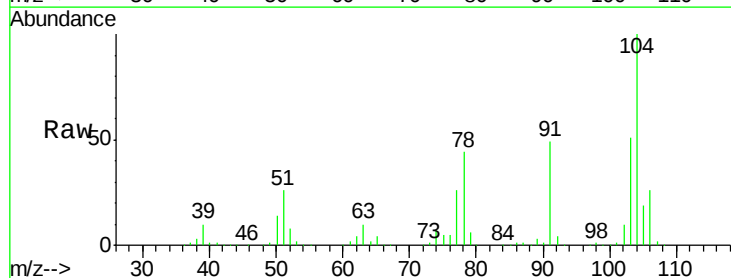
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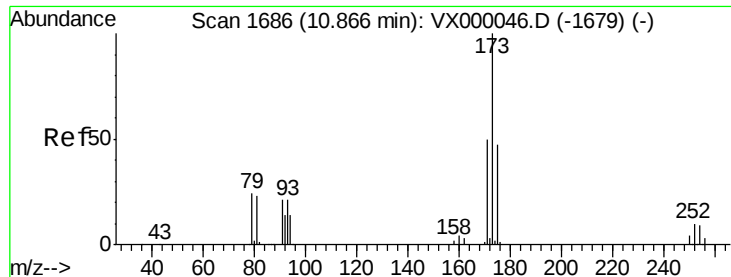
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#70
Styrene
Concen: 50.55 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion:104 Resp: 213061
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 54.8 44.0 66.0





#71

Bromoform

Concen: 52.72 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

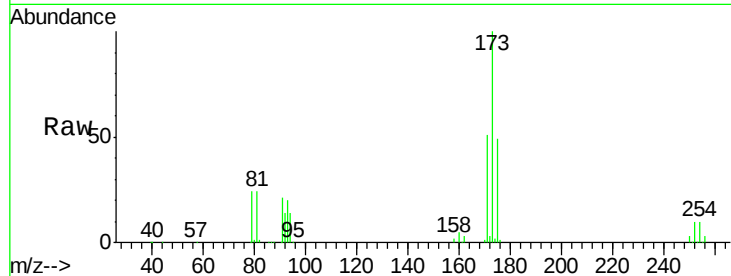
ClientSampled :

VSTDCCC050EC

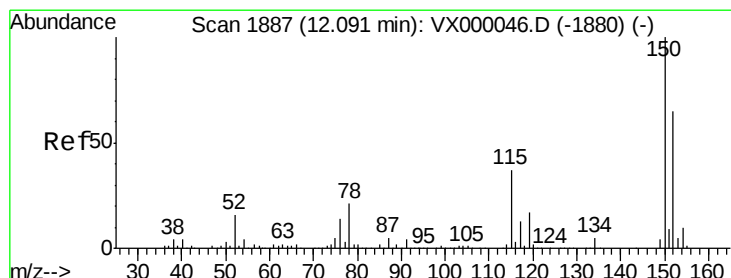
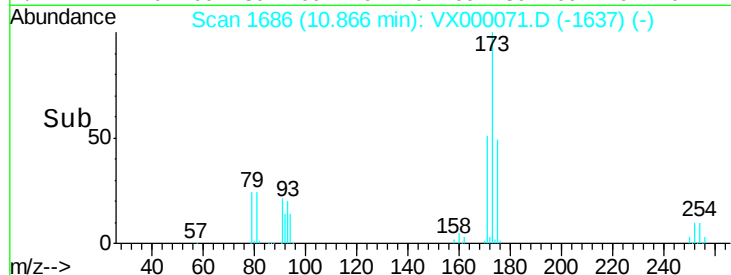
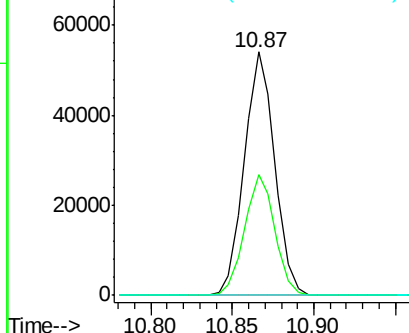
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.9	71.8
254	0.0	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

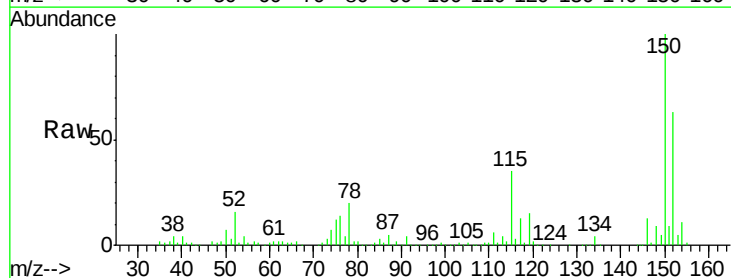
RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

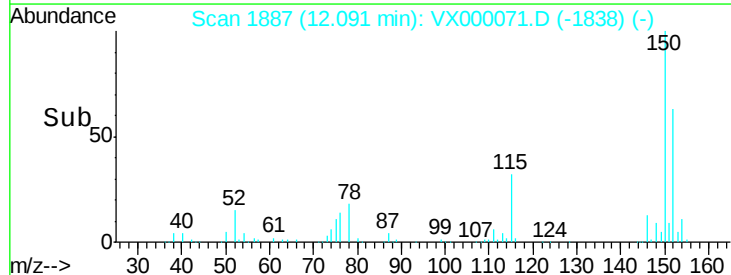
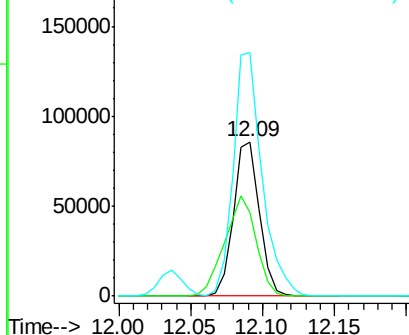
Lab File: VX000071.D

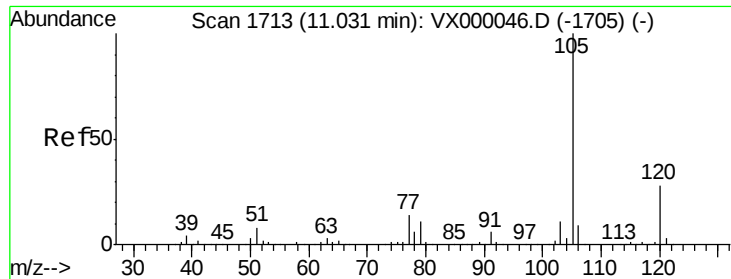
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.9	39.3	117.8
150	175.3	0.0	349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.14 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampled :
VSTDCCC050EC

Tot Ion:105 Resp: 337653

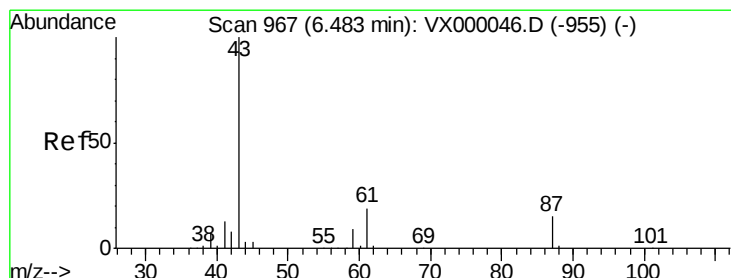
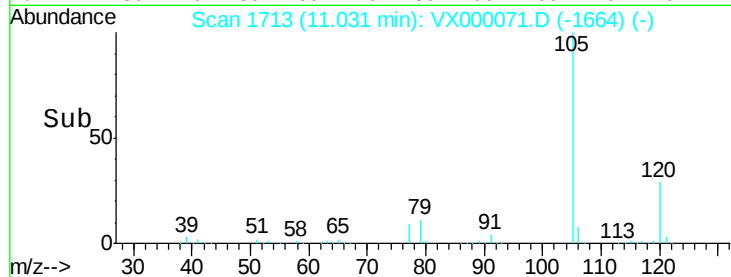
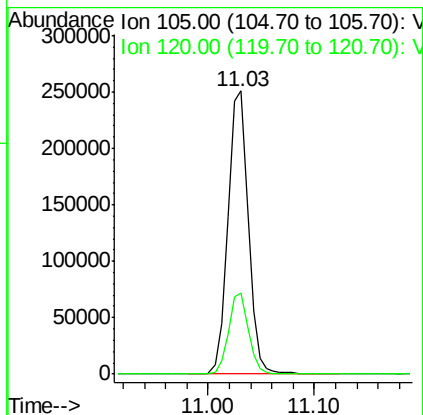
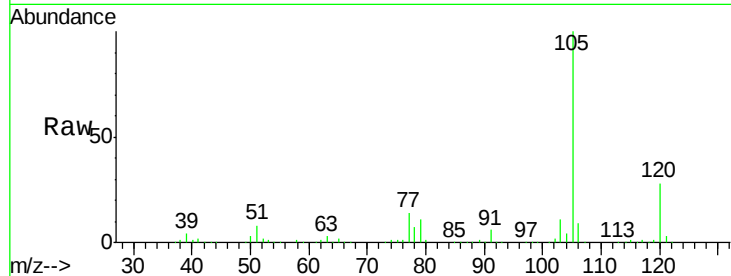
Ion Ratio Lower Upper

105 100

120 28.0 13.8 41.3

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#74

N-ethyl acetate

Concen: 47.99 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Tgt Ion: 43 Resp: 165024

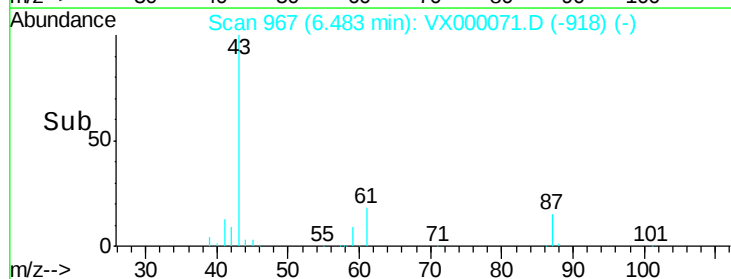
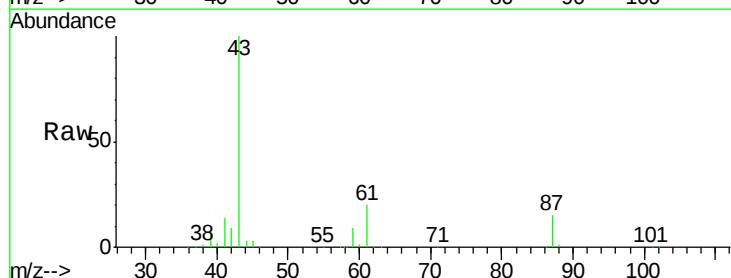
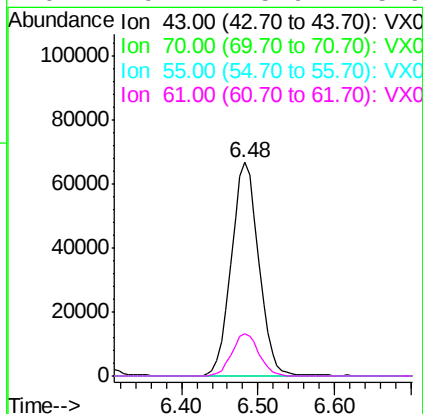
Ion Ratio Lower Upper

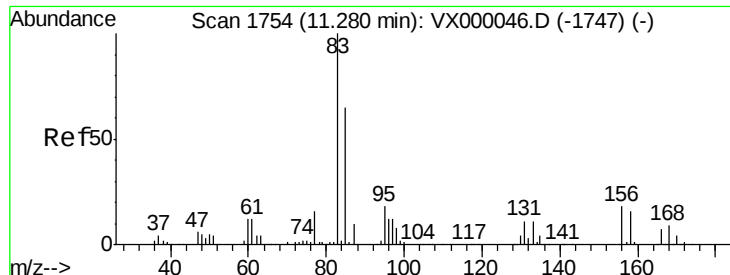
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.7 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.72 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 83 Resp: 116229
Ion Ratio Lower Upper

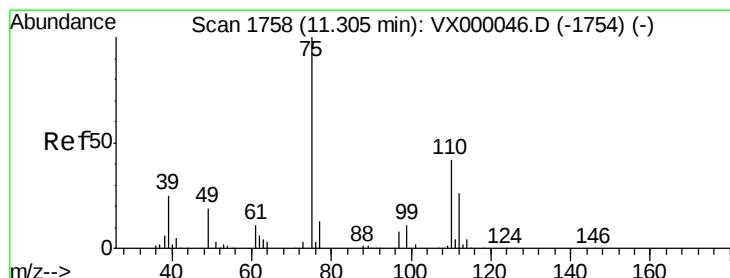
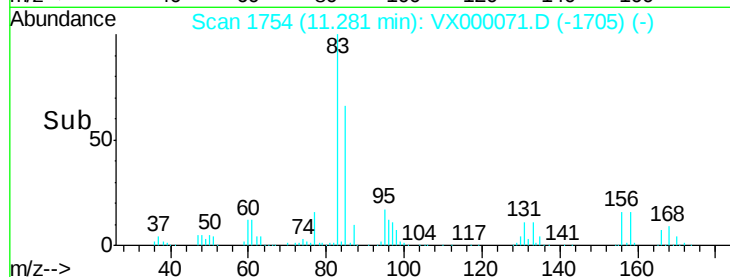
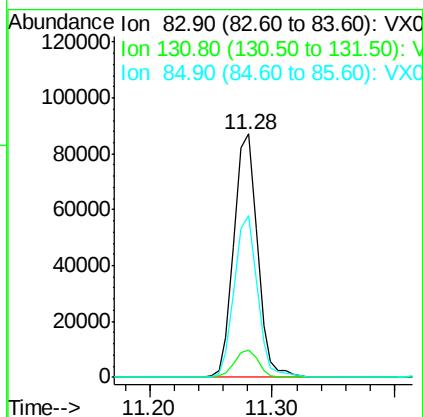
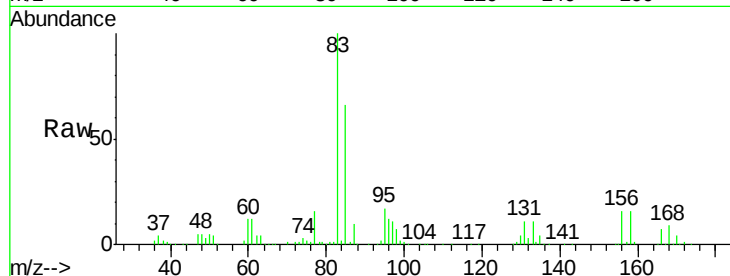
83 100

131 11.4 5.5 16.7

85 65.4 32.6 97.7

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#76

1,2,3-Trichloropropane

Concen: 51.37 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

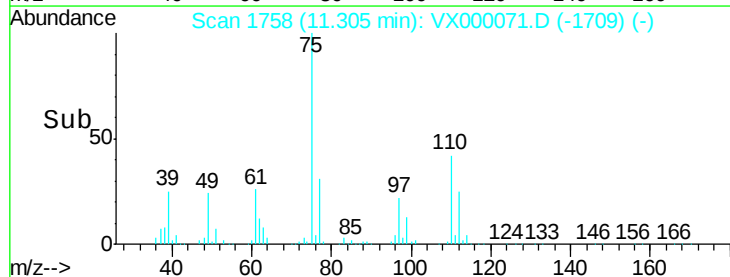
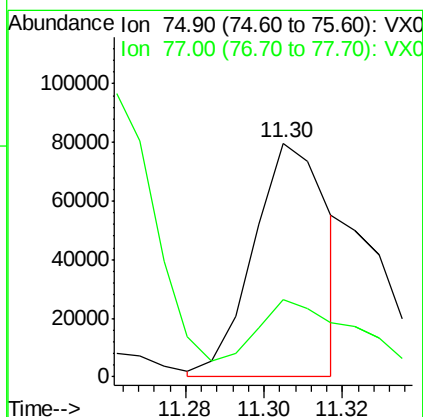
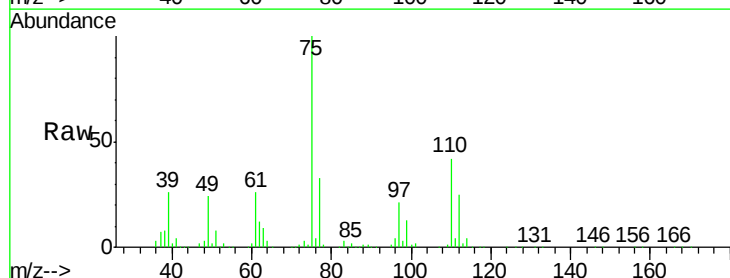
Lab File: VX000071.D

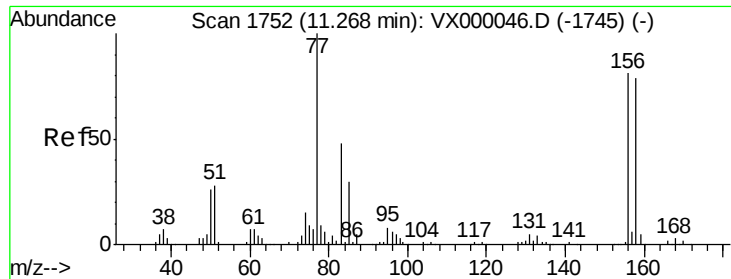
Acq: 12 Feb 2018 18:04

Tgt Ion: 75 Resp: 104766
Ion Ratio Lower Upper

75 100

77 46.1 23.7 71.1





#77

Bromobenzene

Concen: 50.27 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

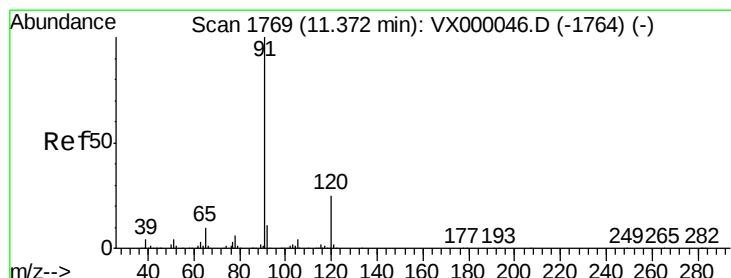
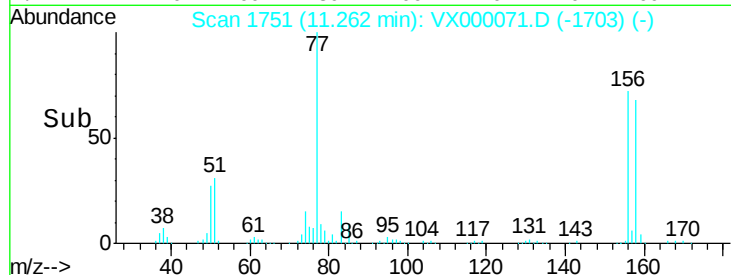
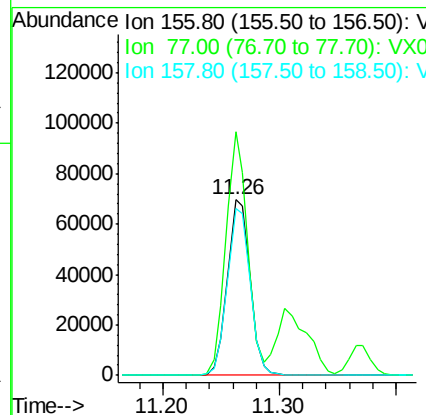
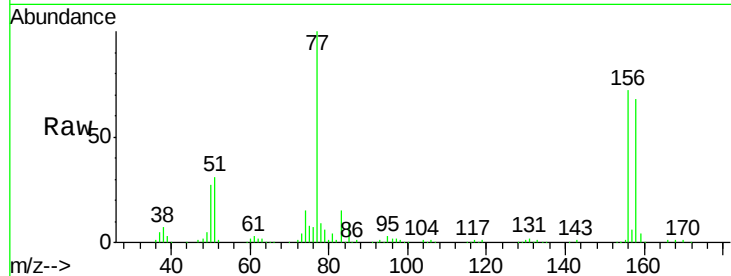
ClientSampled :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	131.6	66.2	198.6		
158	96.4	48.6	145.9		

Manual Integrations
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2/15/2018 6:05:19 PM



#78

n-propylbenzene

Concen: 49.44 ug/l

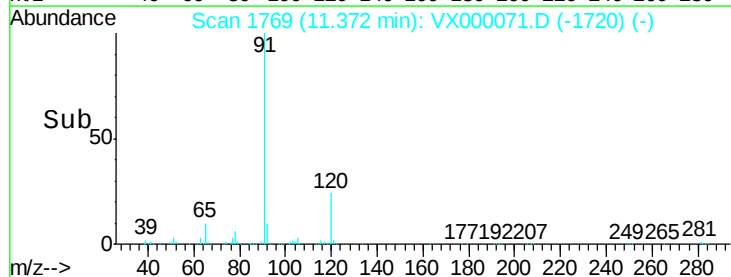
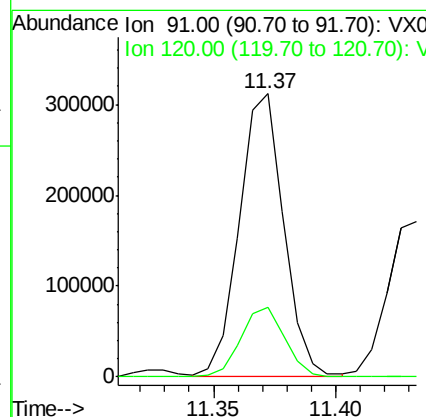
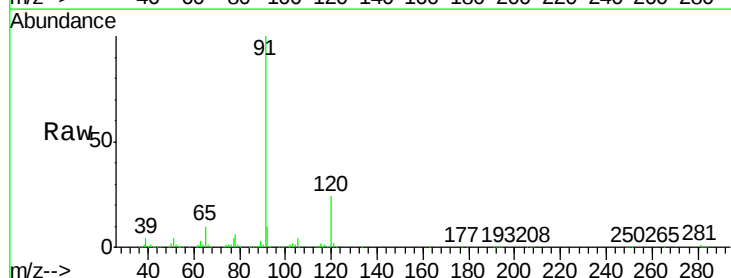
RT: 11.37 min Scan# 1769

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	24.5	12.2	36.6		





#79

2-Chlorotoluene

Concen: 49.45 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 227790

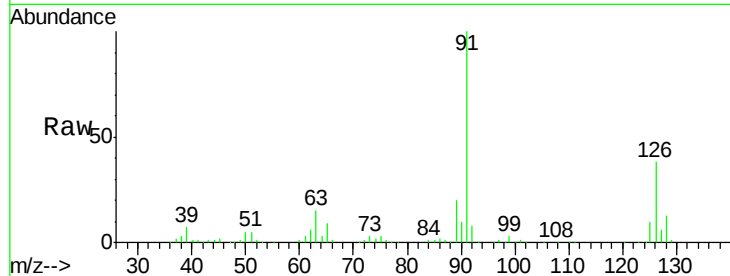
Ion Ratio Lower Upper

91 100

126 36.9 18.2 54.6

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Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000046.D (-1774) (-)

300000

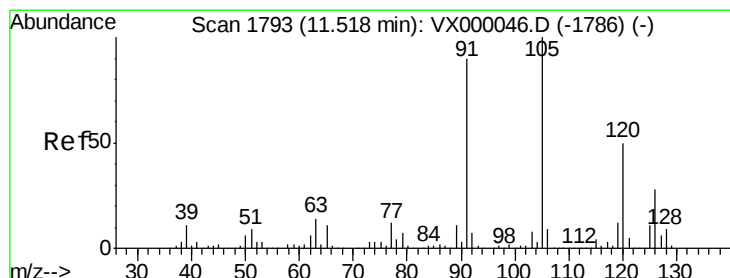
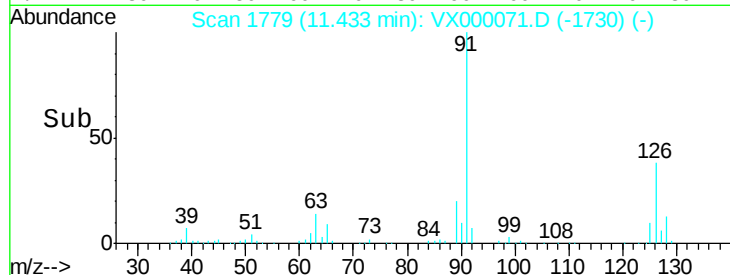
200000

100000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.84 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000071.D

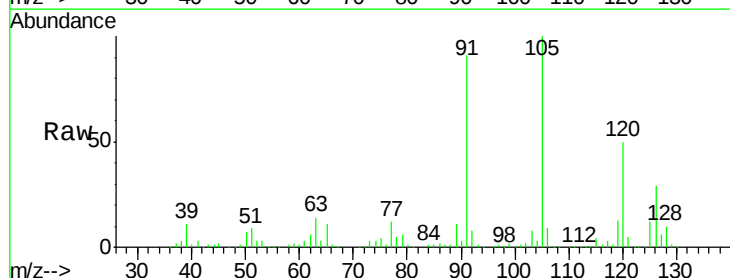
Acq: 12 Feb 2018 18:04

Tgt Ion: 105 Resp: 286941

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX000046.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000046.D (-1786) (-)

250000

200000

150000

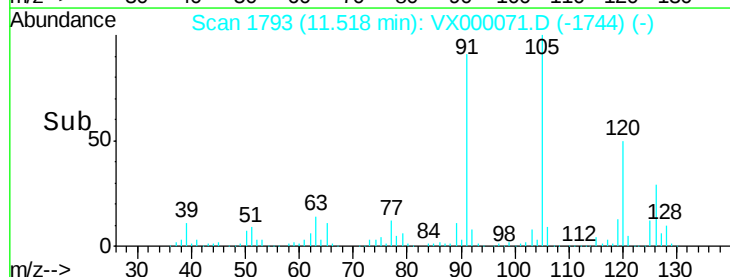
100000

50000

0

11.50 11.60

Time-->





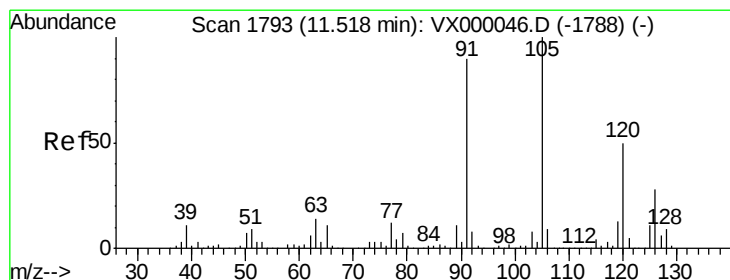
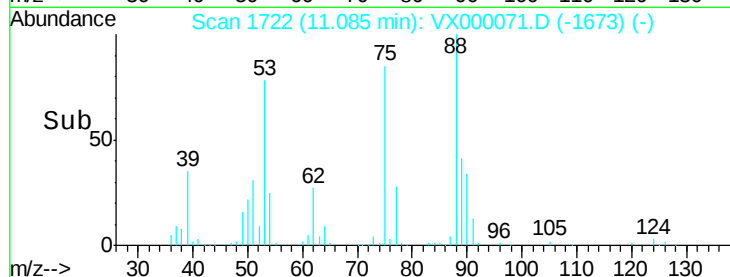
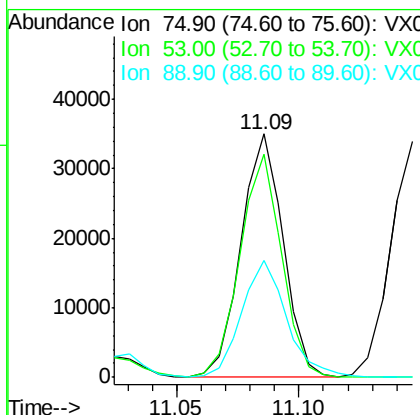
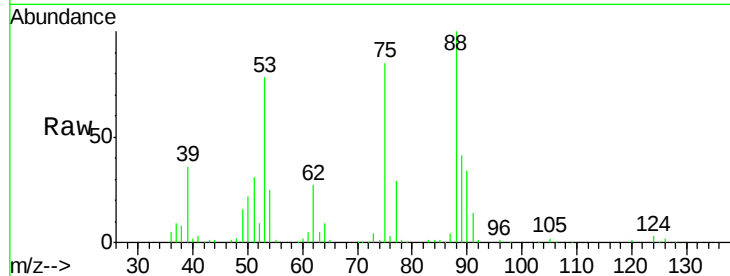
#81
trans-1,4-Dichloro-2-butene
Concen: 50.45 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.6	70.3	105.5
89	52.1	48.6	72.8

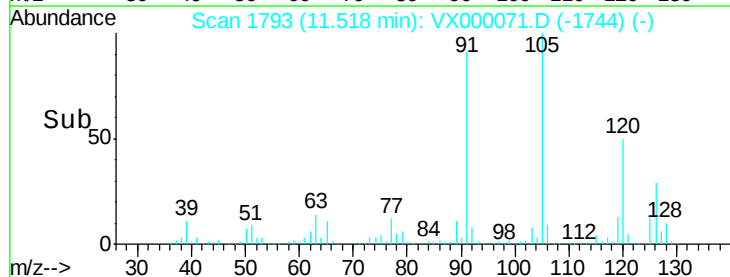
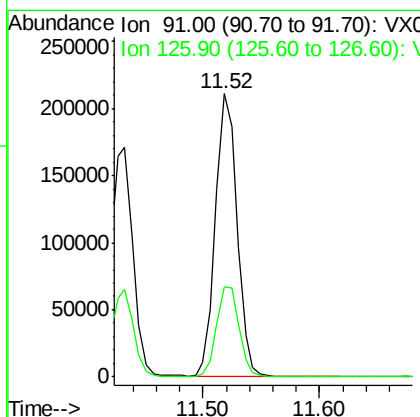
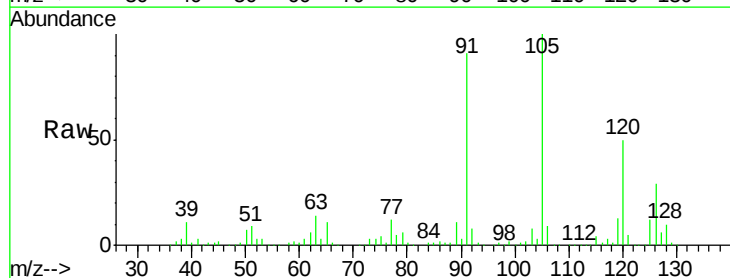
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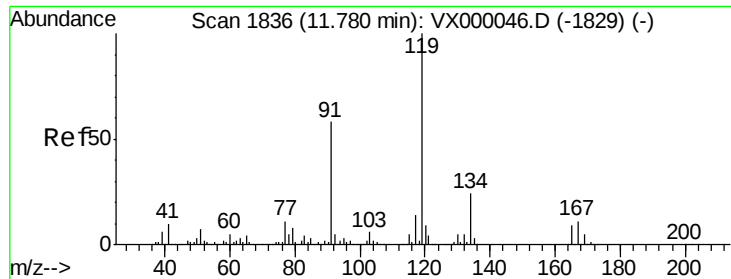
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2/15/2018 6:05:19 PM



#82
4-Chlorotoluene
Concen: 49.17 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.3	48.8





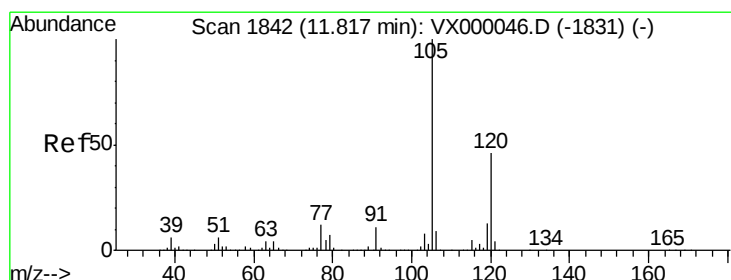
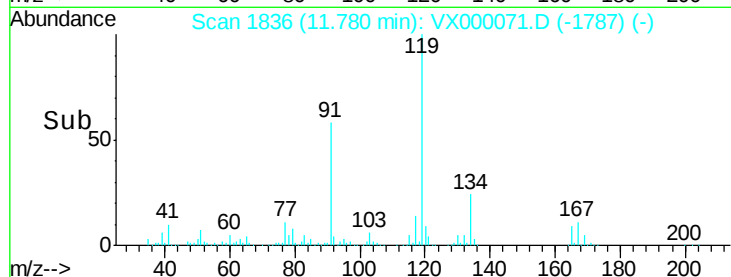
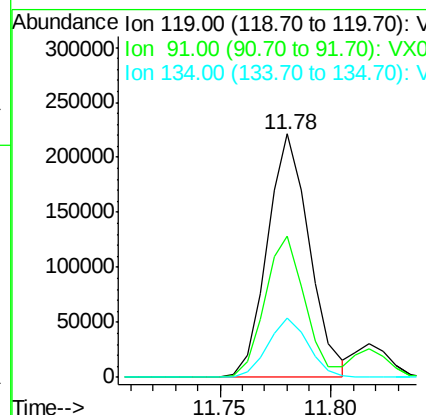
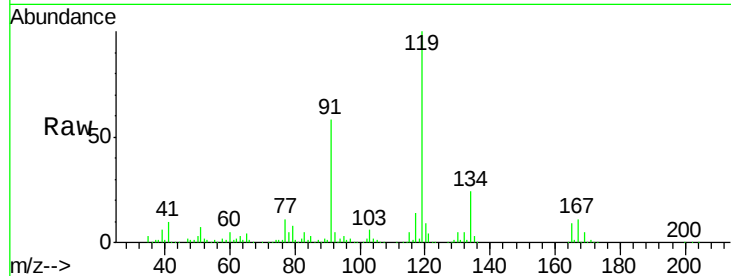
#83
tert-Butylbenzene
Concen: 49.87 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	290058		
91	56.0	27.9	83.7	
134	23.4	11.7	35.1	

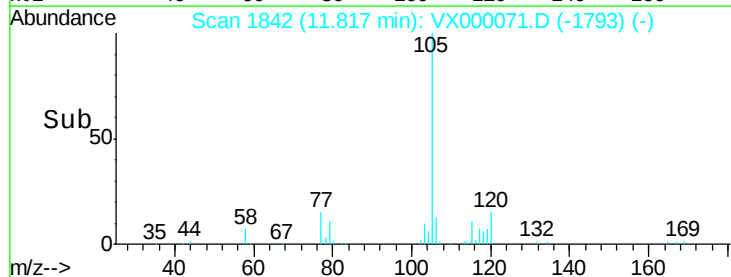
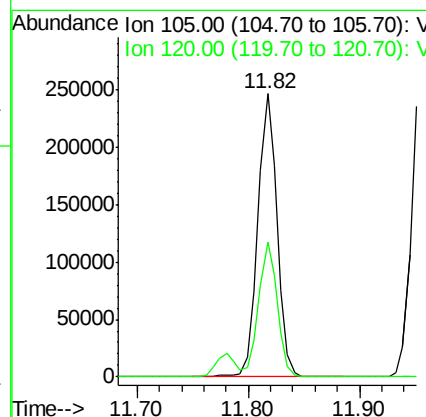
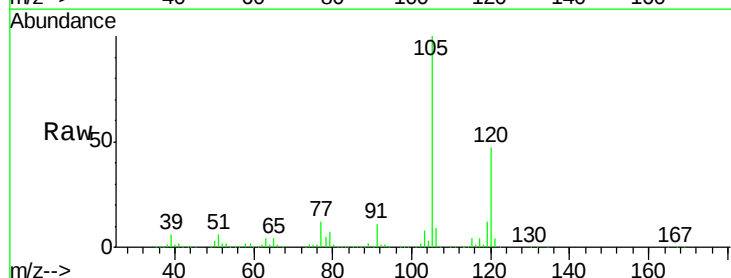
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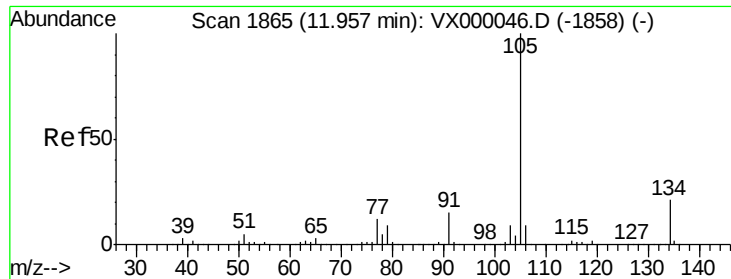
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#84
1,2,4-Trimethylbenzene
Concen: 50.30 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	296368		
120	46.3	23.4	70.2	





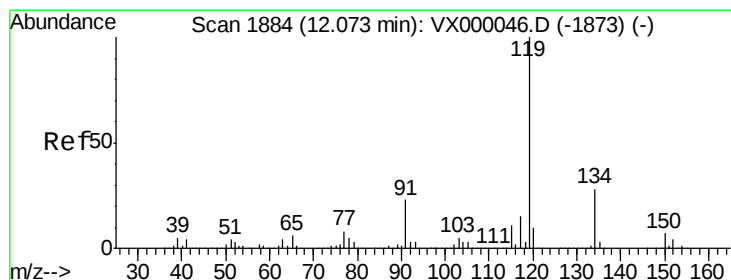
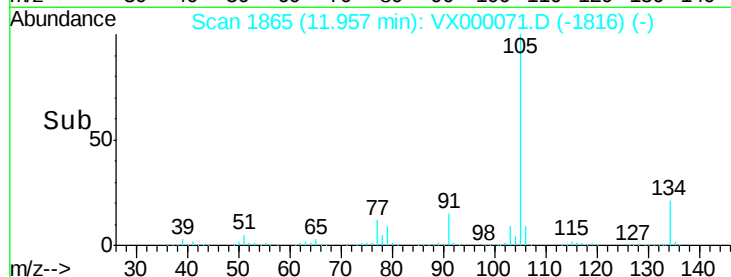
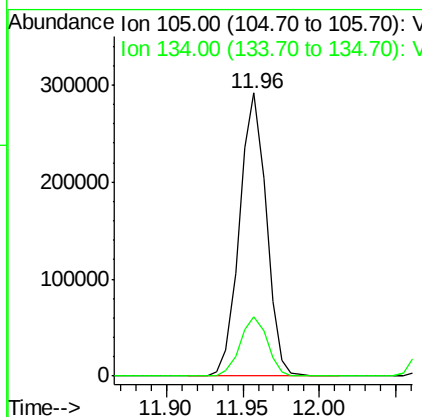
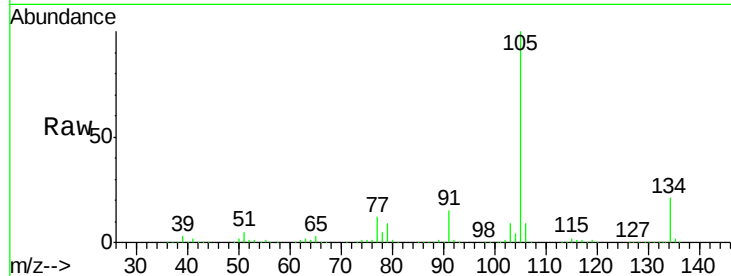
#85
 sec-Butylbenzene
 Concen: 49.44 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.6	31.8

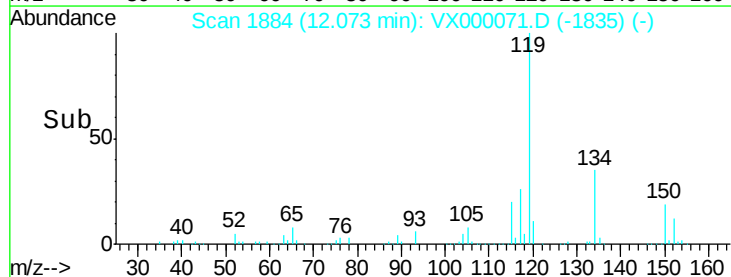
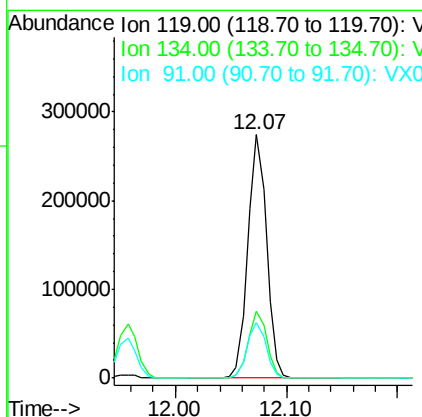
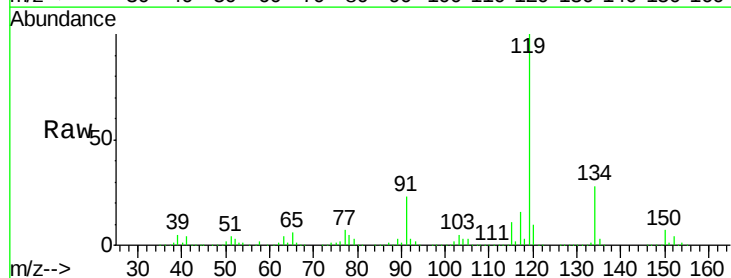
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#86
 p-Isopropyltoluene
 Concen: 49.75 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	14.0	41.9
91	23.2	11.6	34.7





#87

1,3-Dichlorobenzene

Concen: 49.59 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

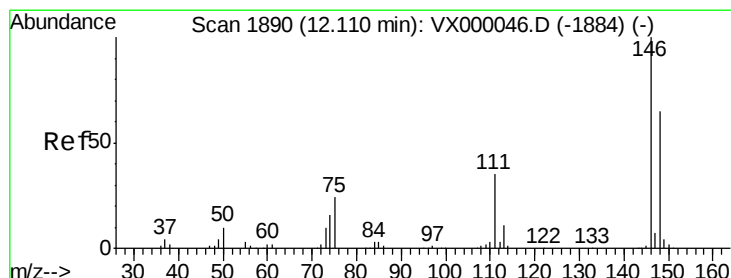
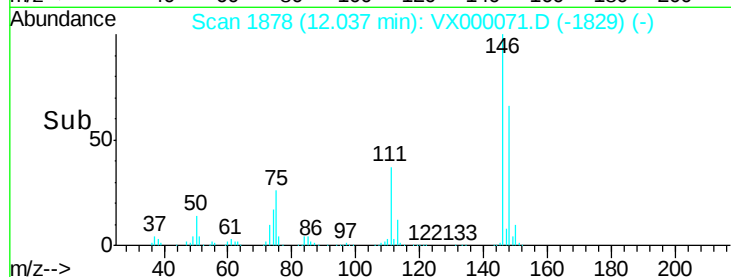
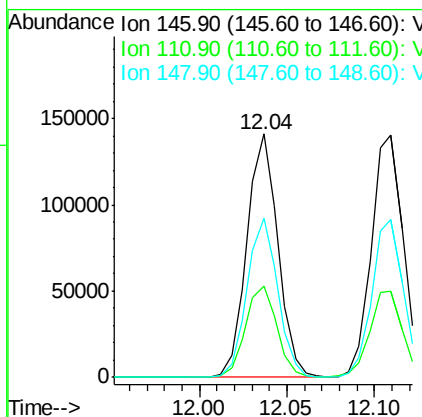
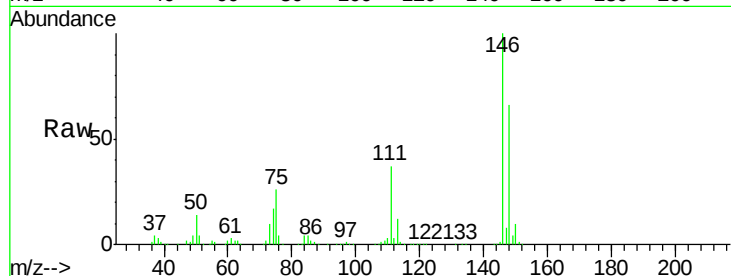
Instrument :

ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	64.9	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.48 ug/l

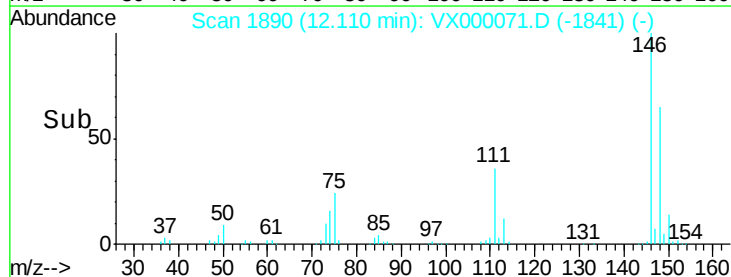
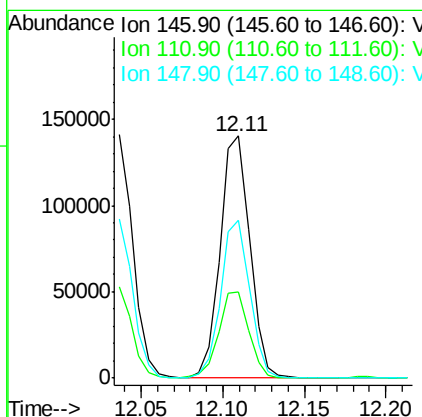
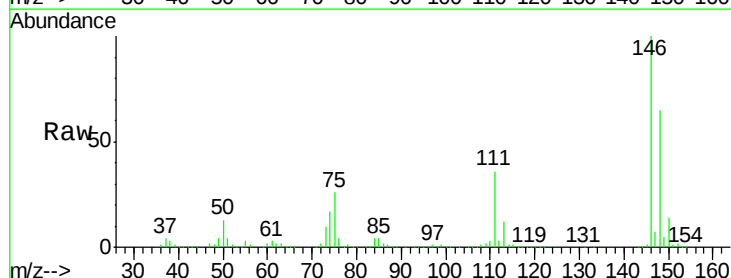
RT: 12.11 min Scan# 1890

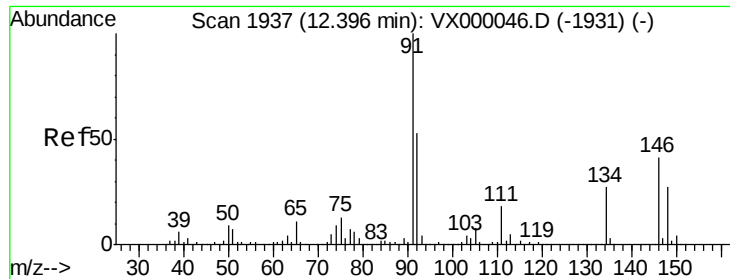
Delta R.T. 0.00 min

Lab File: VX000071.D

Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	64.0	32.1	96.5





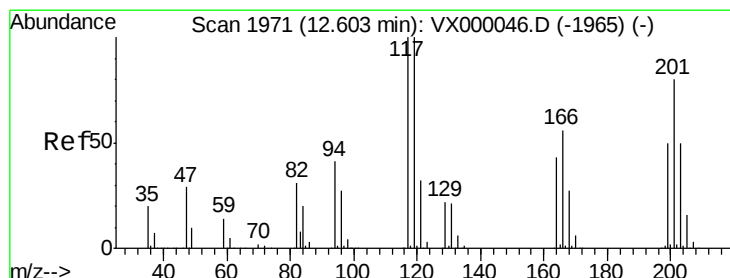
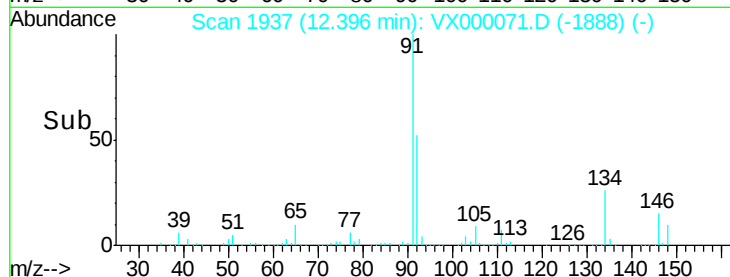
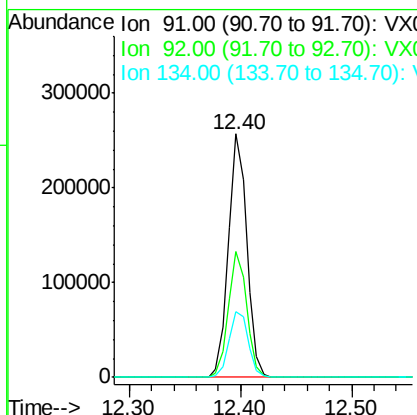
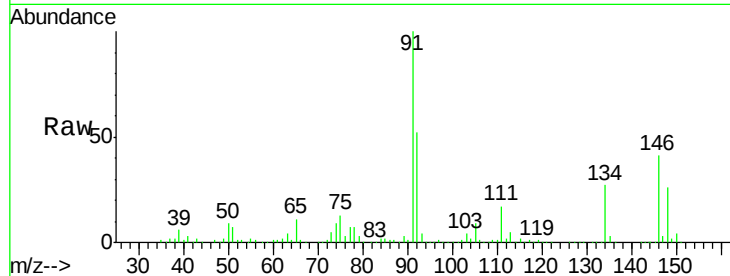
#89
n-Butylbenzene
Concen: 48.91 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.1	78.2
134	28.1	14.1	42.2

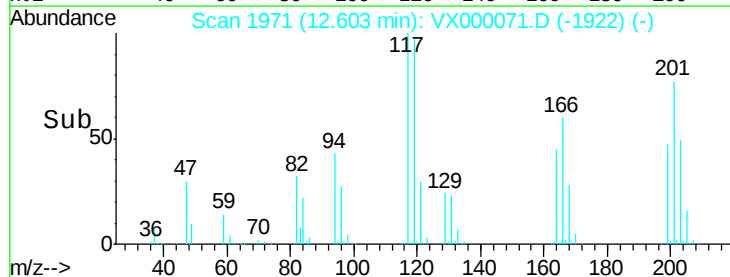
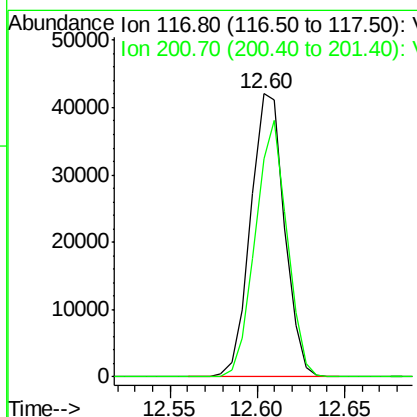
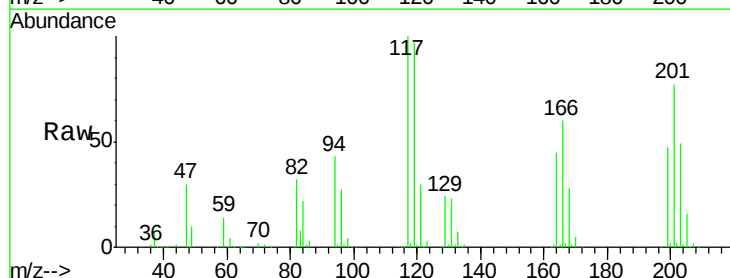
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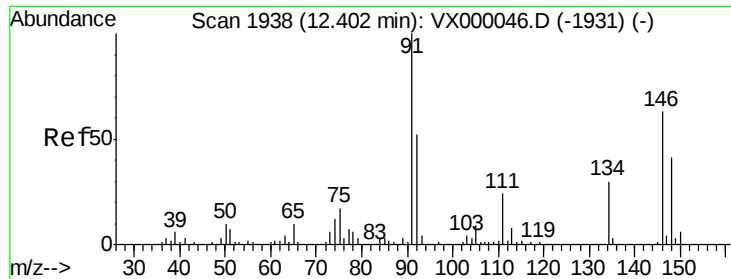
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#90
Hexachloroethane
Concen: 50.09 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

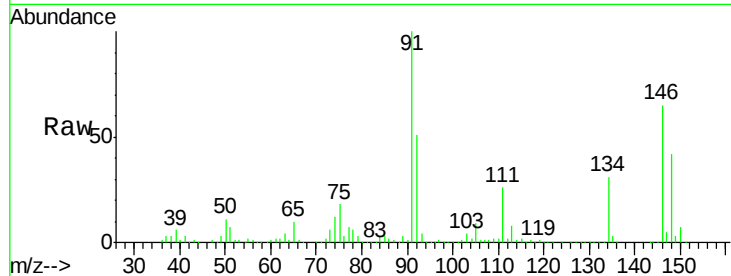
Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	43.5	130.7





#91
 1,2-Dichlorobenzene
 Concen: 49.28 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

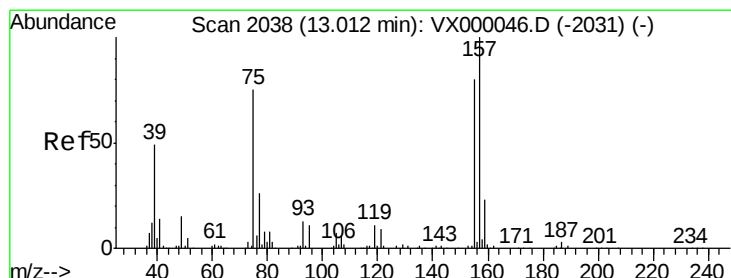
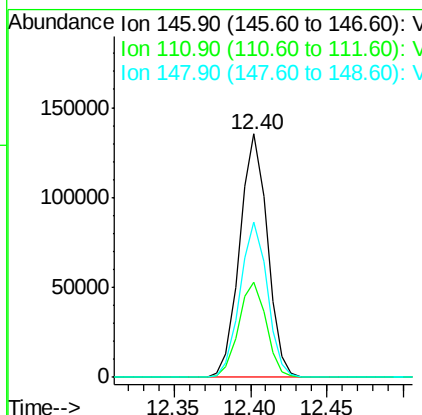
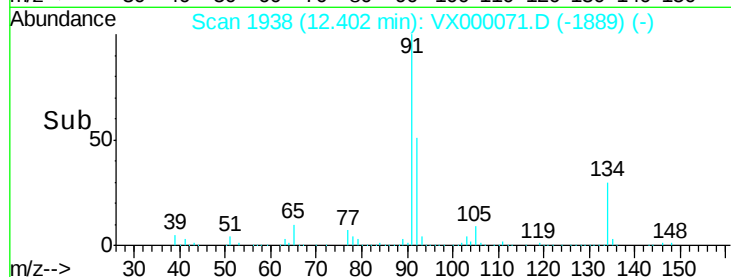
Instrument :
 ClientSampled :
 VSTDCCC050EC



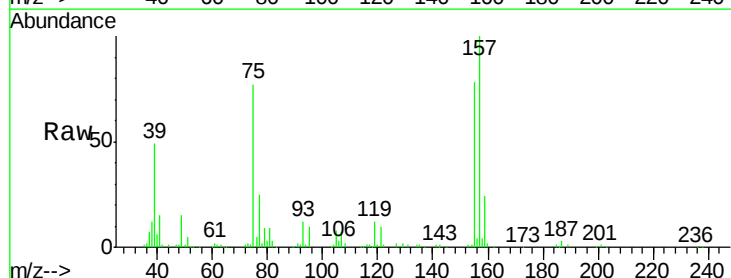
Tot Ion	Ratio	Resp	Lower	Upper
146	100	169364		
111	39.3	19.4	58.2	
148	63.5	32.0	96.2	

Manual Integrations
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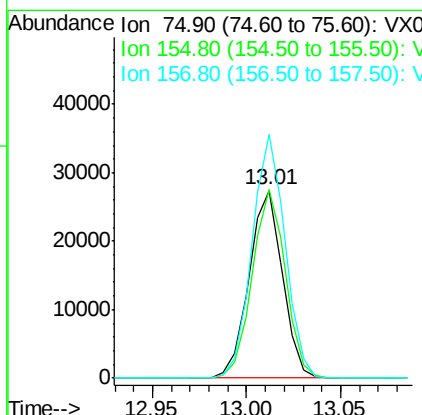
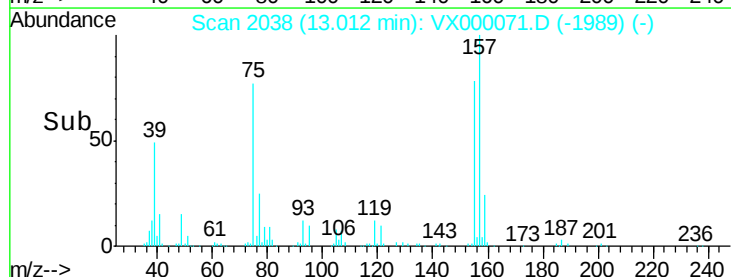
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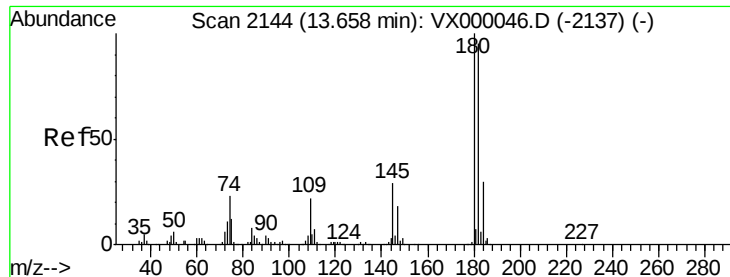


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.09 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04



Tgt Ion	Ratio	Resp	Lower	Upper
75	100	33526		
155	99.6	52.0	156.0	
157	128.5	65.3	195.9	





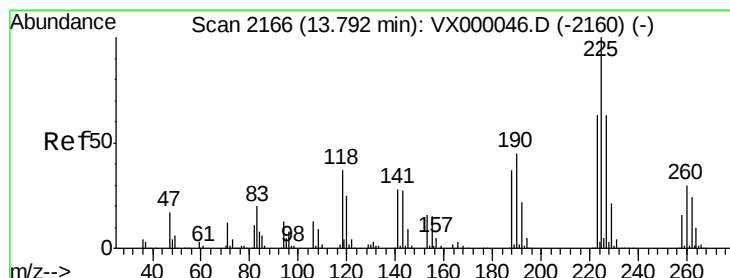
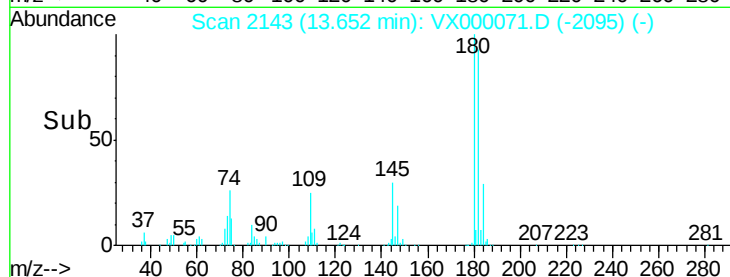
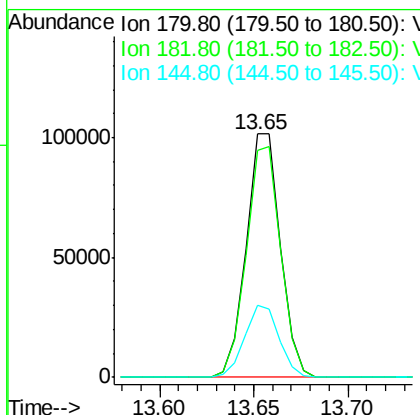
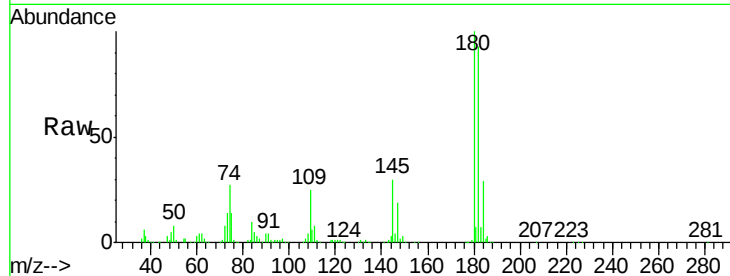
#93
 1,2,4-Trichlorobenzene
 Concen: 48.56 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Instrument :
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127672		
182	95.3	48.0	144.0	
145	29.8	14.7	44.1	

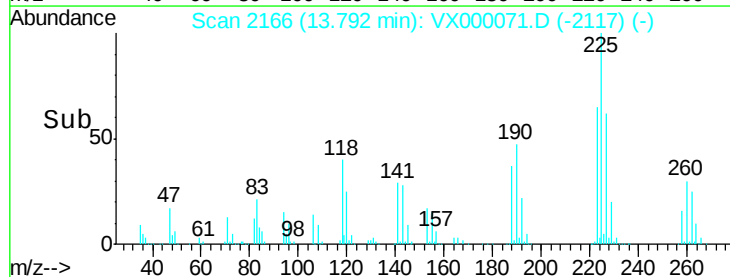
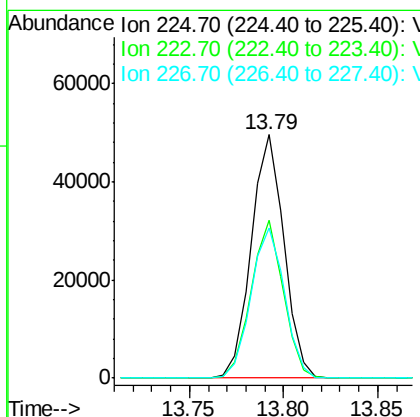
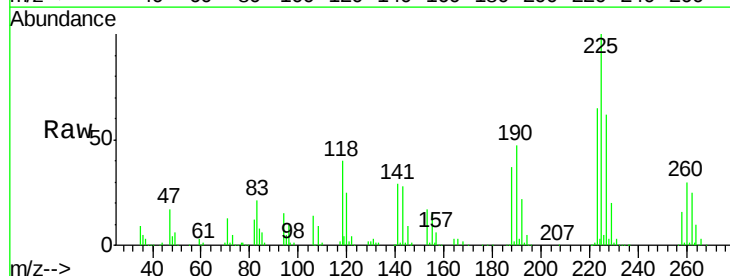
Manual Integrations
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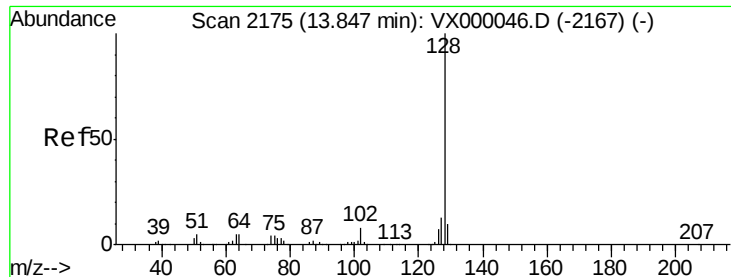
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#94
 Hexachlorobutadiene
 Concen: 48.18 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000071.D
 Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59747		
223	63.6	31.9	95.5	
227	63.2	31.6	95.0	





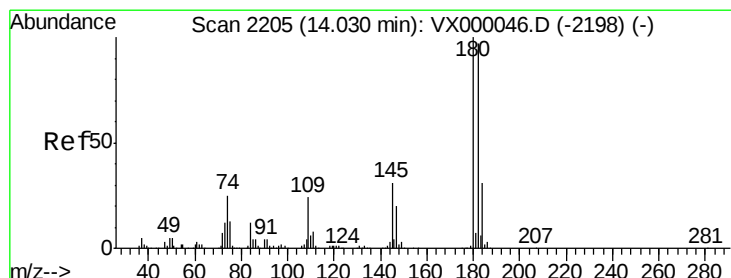
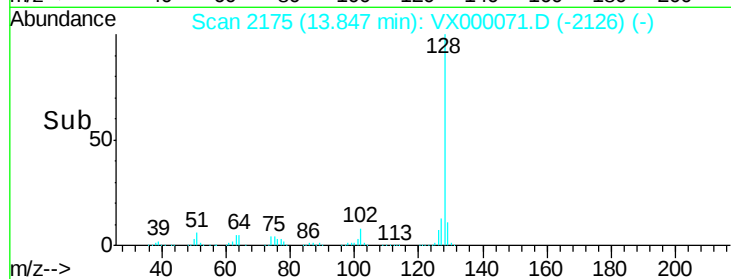
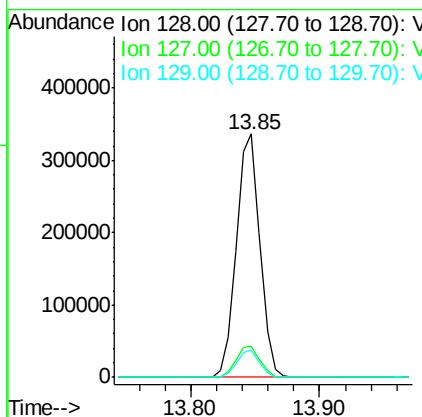
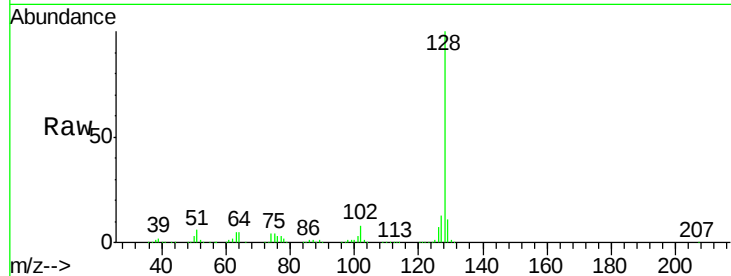
#95
Naphthalene
Concen: 49.85 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.63 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000071.D
Acq: 12 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.9	143.7
145	30.6	15.7	47.0

