

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001732.D
 Acq On : 15 May 2018 01:50
 Operator : JC/MD
 Sample : J2856-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:11 AM

Quant Time: May 15 06:50:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	412853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	250078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	215569	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	5.51	113	184366	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
50) Toluene-d8	8.72	98	689071	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
62) 4-Bromofluorobenzene	11.14	95	237294	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145448	46.84	ug/l	97
3) Chloromethane	1.32	50	154330	46.01	ug/l	99
4) Vinyl Chloride	1.40	62	177599	48.97	ug/l	99
5) Bromomethane	1.64	94	70656	46.04	ug/l	99
6) Chloroethane	1.72	64	118725	51.97	ug/l	98
7) Trichlorofluoromethane	1.93	101	258041	48.96	ug/l	98
8) Diethyl Ether	2.19	74	109697	50.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	143851	45.34	ug/l	99
10) Methyl Iodide	2.51	142	71927	24.64	ug/l	98
11) Tert butyl alcohol	3.08	59	178275	242.09	ug/l	100
12) 1,1-Dichloroethene	2.37	96	146989	48.06	ug/l	95
13) Acrolein	2.30	56	125792	240.85	ug/l	100
14) Allyl chloride	2.73	41	279524	49.44	ug/l	99
15) Acrylonitrile	3.15	53	459993	248.70	ug/l	99
16) Acetone	2.45	43	395077	242.51	ug/l	100
17) Carbon Disulfide	2.57	76	390547	48.95	ug/l	98
18) Methyl Acetate	2.78	43	227172	47.70	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	513453	49.81	ug/l	100
20) Methylene Chloride	2.86	84	169465	48.60	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	164659	48.87	ug/l	100
22) Diisopropyl ether	3.88	45	537698	49.58	ug/l	99
23) Vinyl Acetate	3.83	43	1690082	216.29	ug/l	100
24) 1,1-Dichloroethane	3.70	63	293638	49.37	ug/l	99
25) 2-Butanone	4.71	43	624739	250.47	ug/l	97
26) 2,2-Dichloropropane	4.59	77	188967	39.46	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	188554	49.18	ug/l	97
28) Bromochloromethane	5.03	49	145792	55.18	ug/l	99
29) Tetrahydrofuran	5.17	42	409383	251.80	ug/l	99
30) Chloroform	5.22	83	314178	50.29	ug/l	99
31) Cyclohexane	5.58	56	256520	49.20	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	274938	50.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	228425	48.06	ug/l	99
37) Ethyl Acetate	4.87	43	228782	46.19	ug/l	99
38) Carbon Tetrachloride	5.79	117	247889	49.79	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	259105	46.66	ug/l	99
40) Benzene	6.15	78	694576	49.60	ug/l	100
41) Methacrylonitrile	5.07	41	141406	49.37	ug/l	99
42) 1,2-Dichloroethane	6.20	62	250224	49.41	ug/l	99
43) Isopropyl Acetate	6.48	43	374133	48.26	ug/l	100
44) Trichloroethene	7.22	130	211058	48.56	ug/l	97
45) 1,2-Dichloropropane	7.52	63	173674	50.55	ug/l	99
46) Dibromomethane	7.67	93	119110	49.37	ug/l	99
47) Bromodichloromethane	7.90	83	230741	51.54	ug/l	97
48) Methyl methacrylate	7.79	41	209665	51.38	ug/l	100
49) 1,4-Dioxane	7.76	88	83426	1061.90	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1282619	261.09	ug/l	100
52) Toluene	8.79	92	462397	51.39	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	262850	49.90	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	242796	52.29	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	172096	50.04	ug/l	99
56) Ethyl methacrylate	9.19	69	251805	51.63	ug/l	100
57) 1,3-Dichloropropane	9.38	76	284602	49.43	ug/l	100
59) 2-Hexanone	9.51	43	911709	259.25	ug/l	100
60) Dibromochloromethane	9.59	129	185801	52.75	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180742	50.20	ug/l	99
64) Tetrachloroethene	9.34	164	221596	45.38	ug/l	97
65) Chlorobenzene	10.15	112	492357	47.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	181059	49.68	ug/l	98
67) Ethyl Benzene	10.26	91	810206	49.13	ug/l	100
68) m/p-Xylenes	10.37	106	647603	99.54	ug/l	100
69) o-Xylene	10.70	106	313144	50.26	ug/l	100
70) Styrene	10.72	104	518069	50.41	ug/l	100
71) Bromoform	10.87	173	154448	45.80	ug/l	100
73) Isopropylbenzene	11.02	105	829759	50.38	ug/l	100
74) N-amyl acetate	6.48	43	374133	47.39	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	242690	49.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	233083m	49.01	ug/l	
77) Bromobenzene	11.26	156	237288	49.03	ug/l	100
78) n-propylbenzene	11.37	91	924020	49.80	ug/l	100
79) 2-Chlorotoluene	11.43	91	549411	49.51	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	687785	50.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	64570	41.09	ug/l	98
82) 4-Chlorotoluene	11.52	91	639400	48.91	ug/l	100
83) tert-Butylbenzene	11.77	119	698920	51.98	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	717497	51.28	ug/l	99
85) sec-Butylbenzene	11.95	105	832125	50.14	ug/l	100
86) p-Isopropyltoluene	12.07	119	767738	49.99	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	433690	48.46	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	435370	47.05	ug/l	100
89) n-Butylbenzene	12.40	91	641270	48.28	ug/l	100
90) Hexachloroethane	12.60	117	121475	50.93	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	429910	48.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54784	51.96	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	343778	48.37	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	170732	44.74	ug/l	99
95) Naphthalene	13.84	128	953403	51.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	344813	48.18	ug/l	100

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

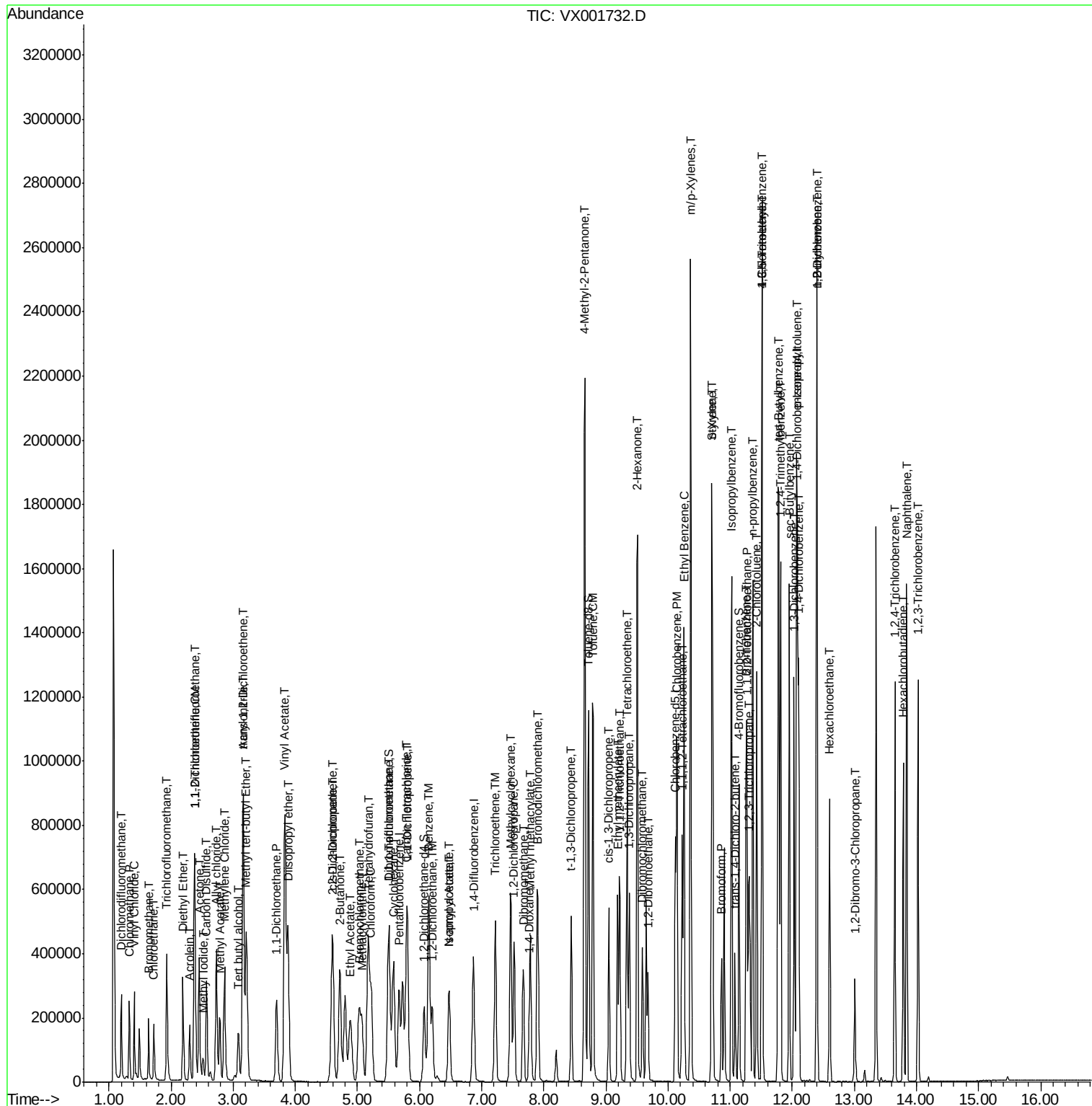
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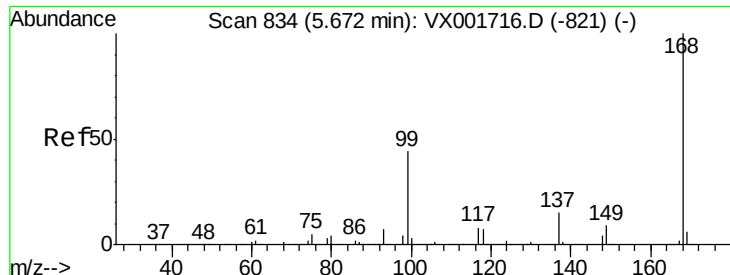
Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion:168 Resp: 309453

Ion Ratio Lower Upper

168 100

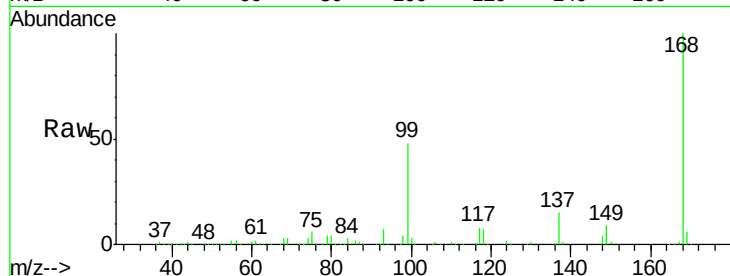
99 47.4 35.0 52.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

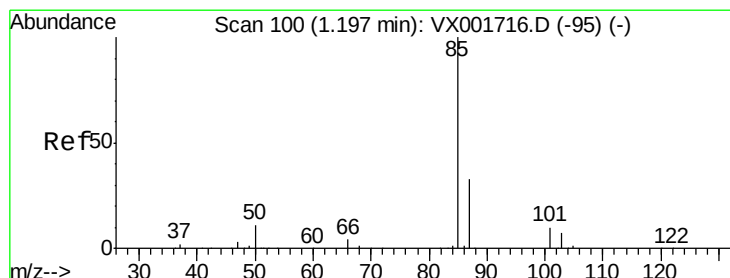
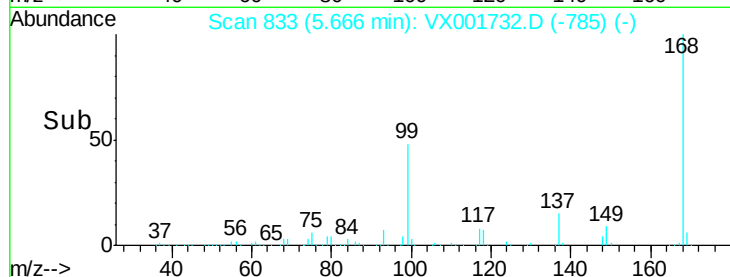
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.84 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001732.D

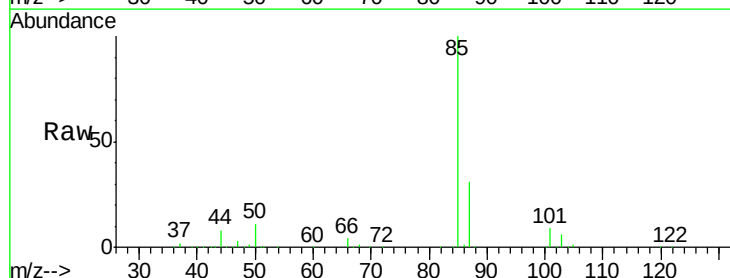
Acq: 15 May 2018 01:50

Tgt Ion: 85 Resp: 145448

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

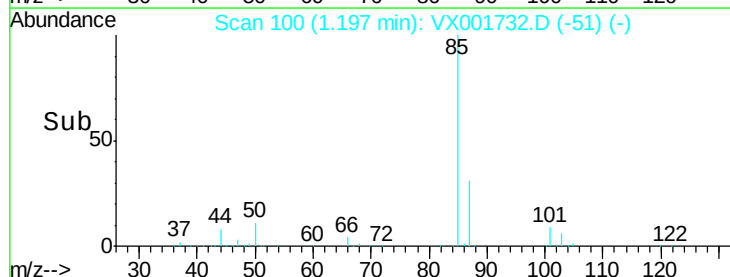
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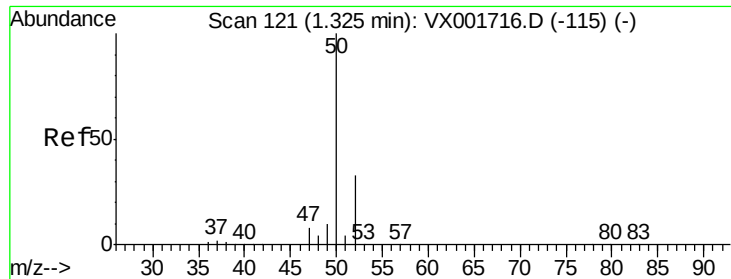
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 46.01 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion: 50 Resp: 154330

Ion Ratio Lower Upper

50 100

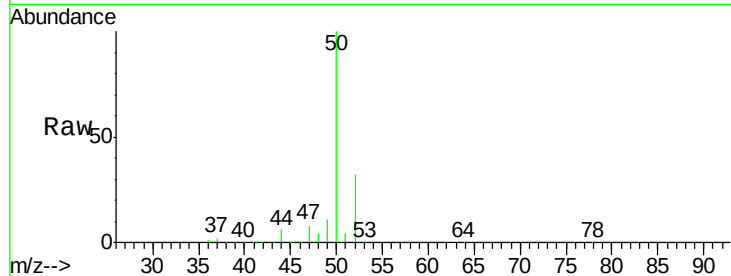
52 32.3 26.3 39.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

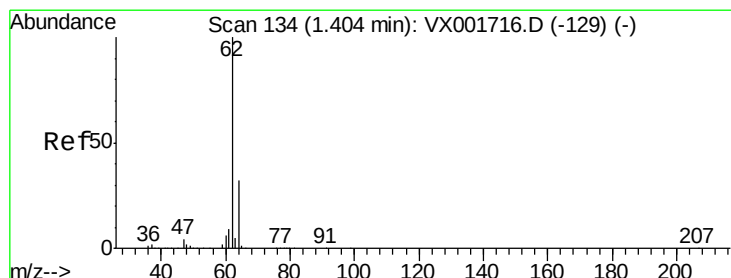
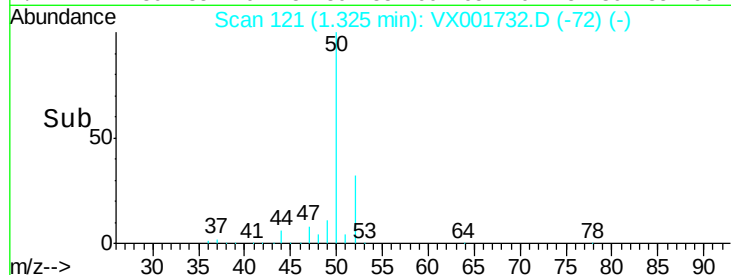
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 48.97 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001732.D

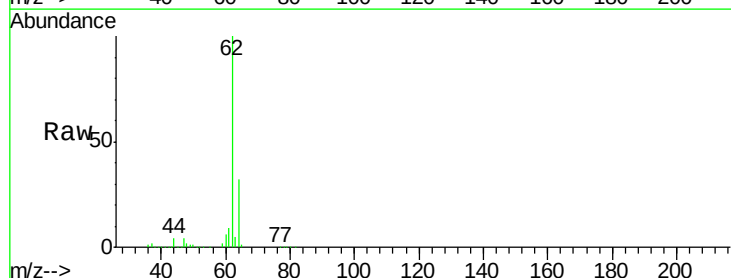
Acq: 15 May 2018 01:50

Tgt Ion: 62 Resp: 177599

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

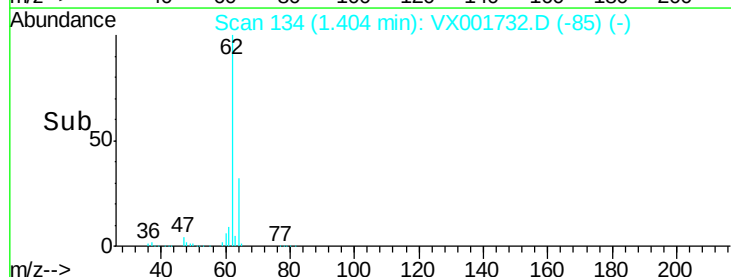
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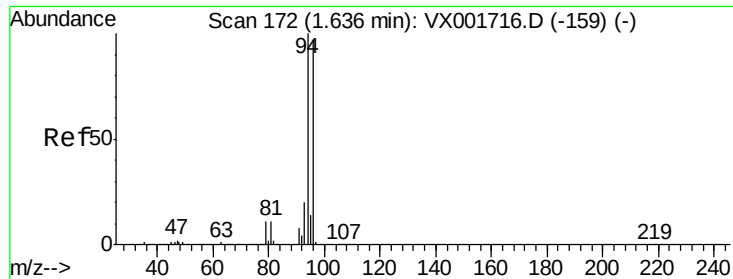
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 46.04 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion: 94 Resp: 70656

Ion Ratio Lower Upper

94 100

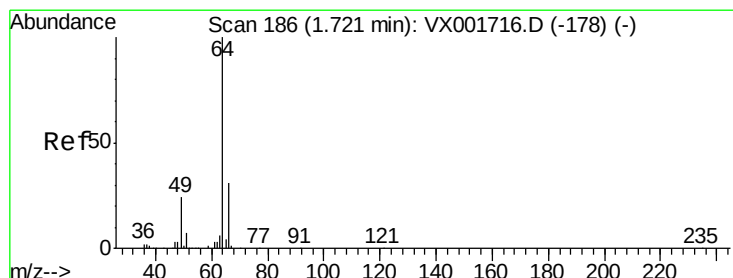
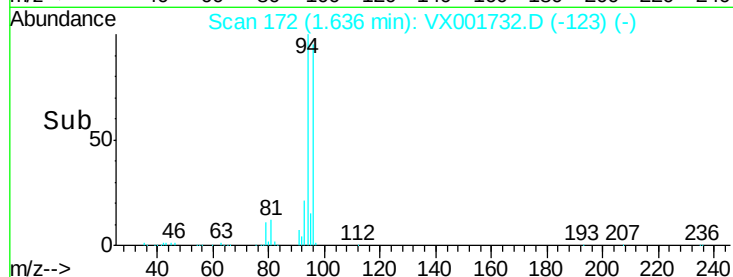
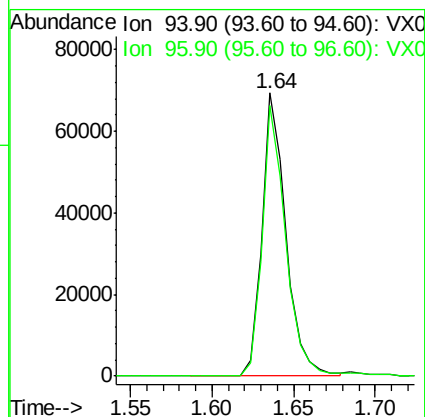
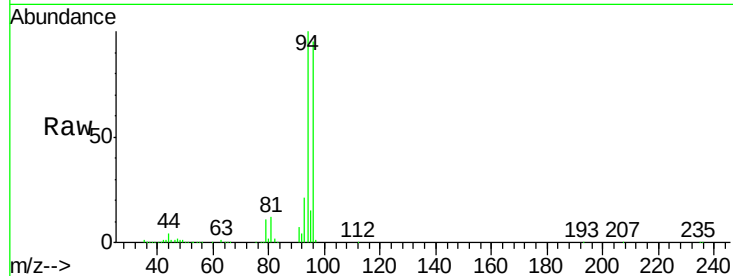
96 95.5 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 51.97 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001732.D

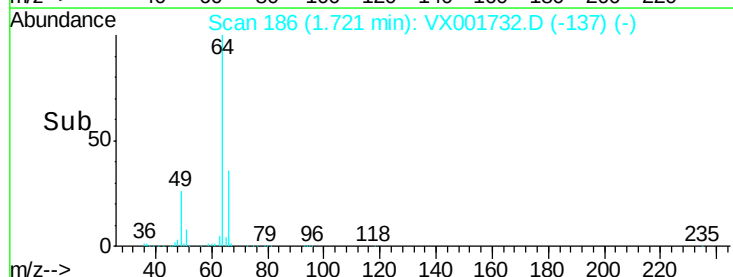
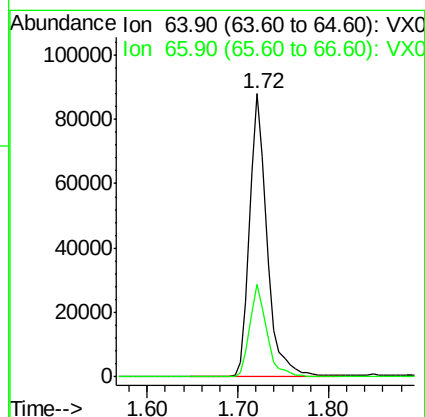
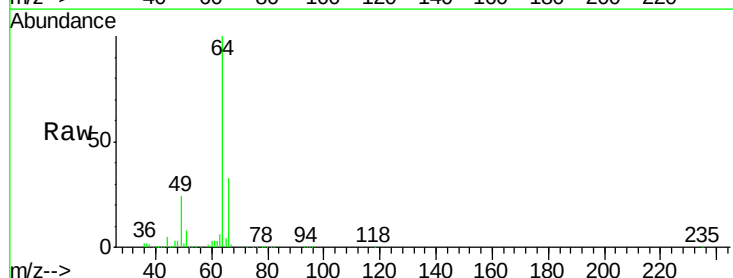
Acq: 15 May 2018 01:50

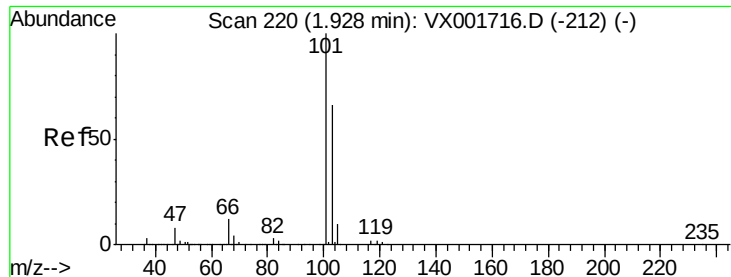
Tgt Ion: 64 Resp: 118725

Ion Ratio Lower Upper

64 100

66 32.7 25.2 37.8





#7

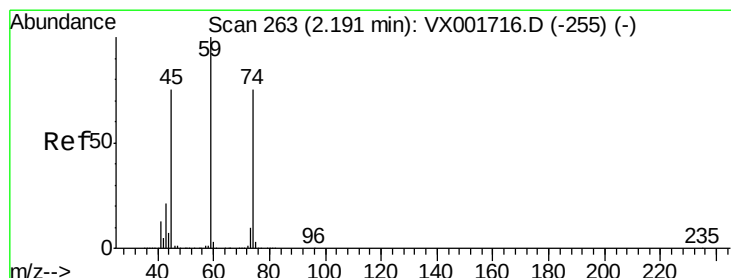
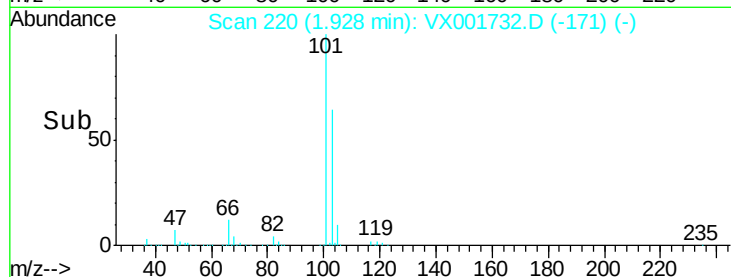
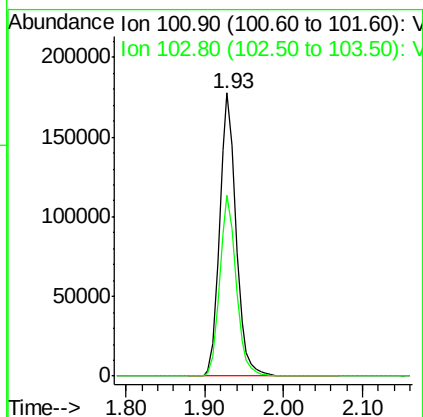
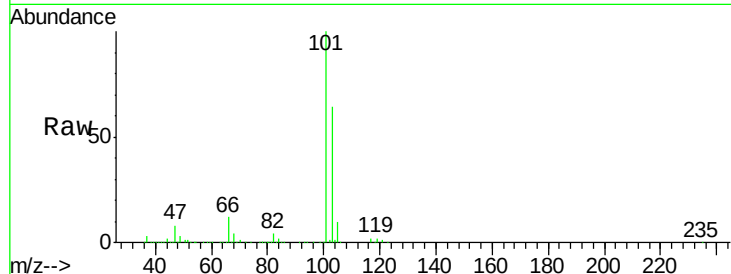
Trichlorofluoromethane
Concen: 48.96 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

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MW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	258041		
103	63.8	52.6	78.8	

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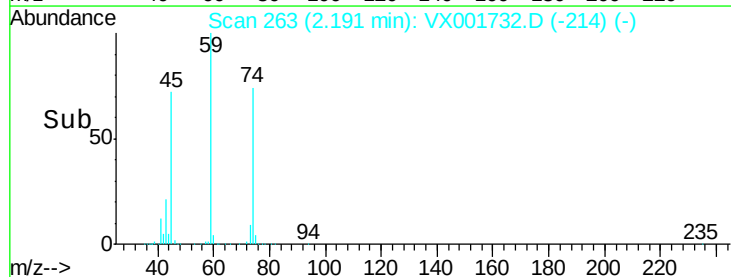
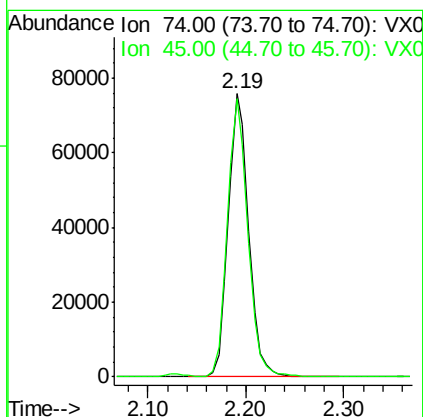
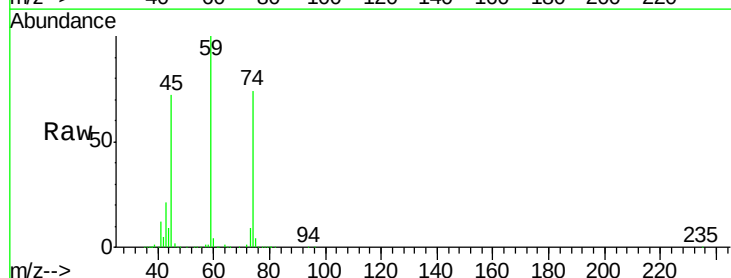
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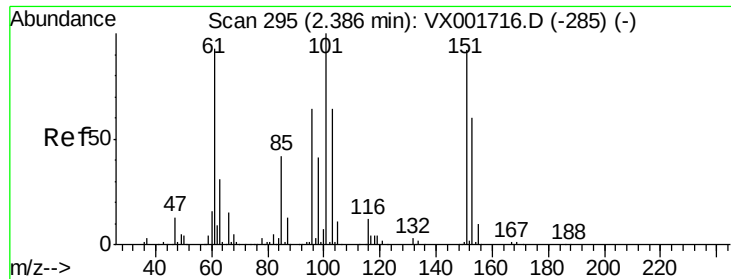


#8

Diethyl Ether
Concen: 50.57 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	109697		
45	97.9	50.0	149.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.34 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

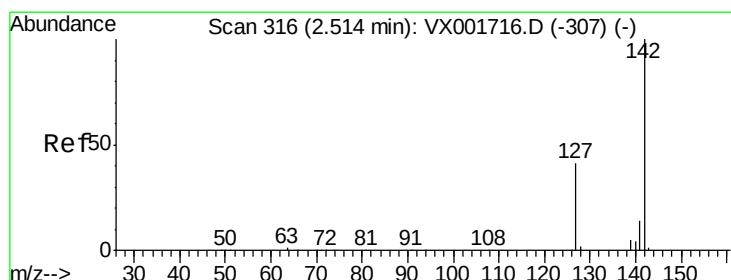
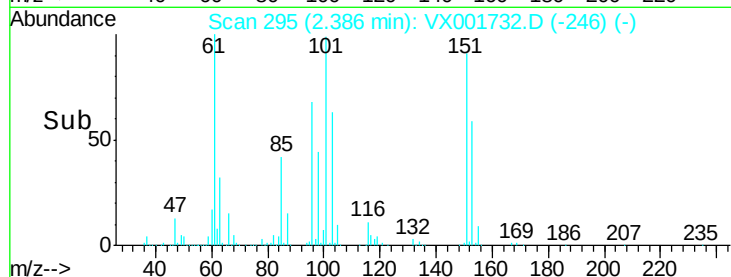
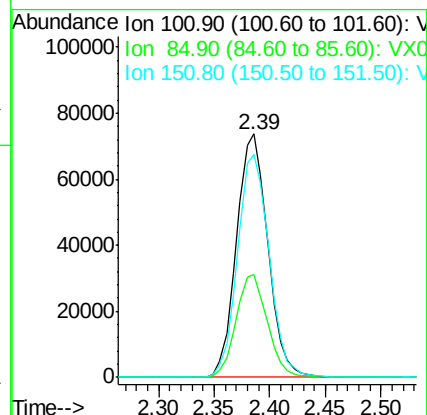
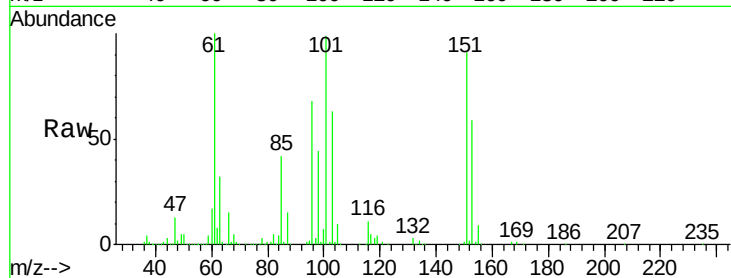
ClientSampleId :

MW-03MS

Tot Ion:	101	Resp:	143851
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	92.4	73.0	109.6

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#10

Methyl Iodide

Concen: 24.64 ug/l

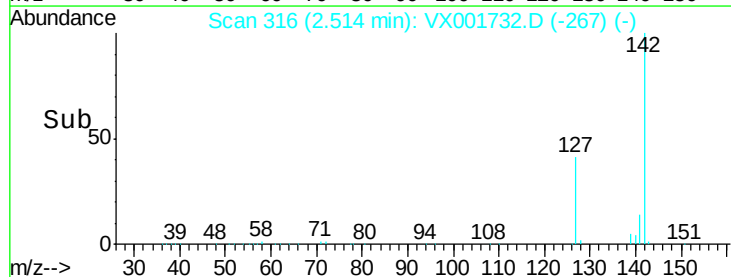
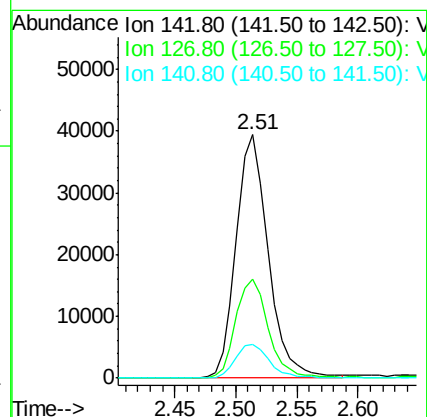
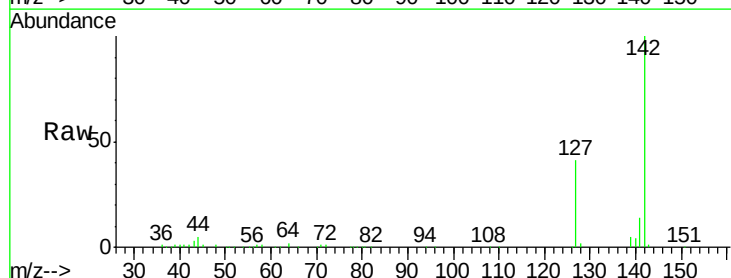
RT: 2.51 min Scan# 316

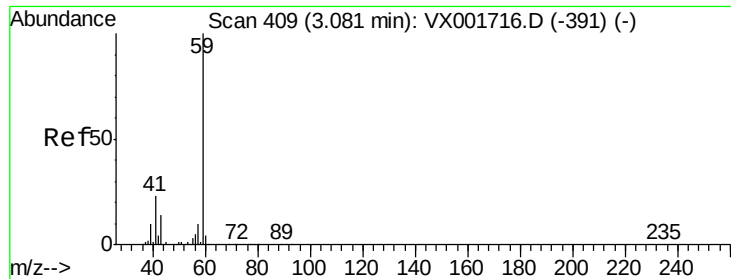
Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Tgt Ion:	142	Resp:	71927
Ion Ratio	Lower	Upper	
142	100		
127	41.7	32.5	48.7
141	14.6	11.4	17.0





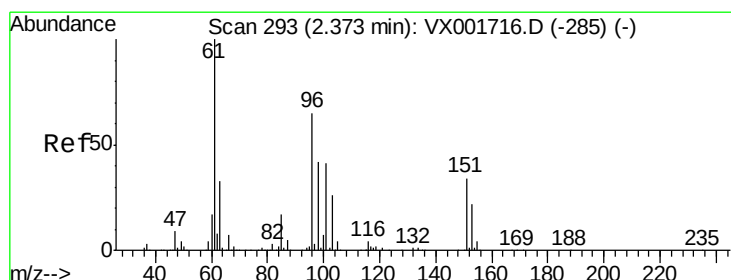
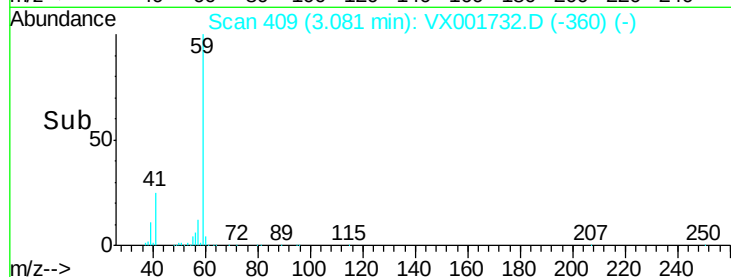
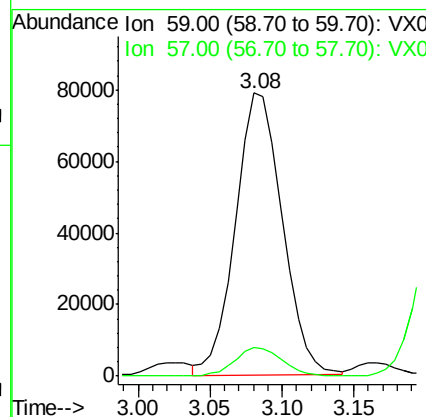
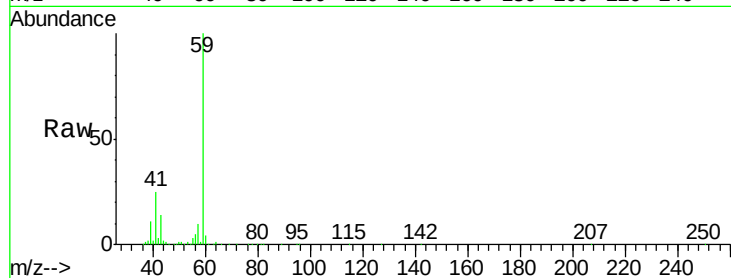
#11
Tert butyl alcohol
Concen: 242.09 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion	59	Resp	178275
Ion Ratio	100	Lower	Upper
57	10.5	8.5	12.7

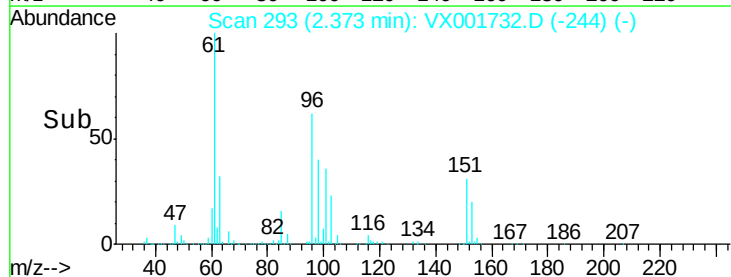
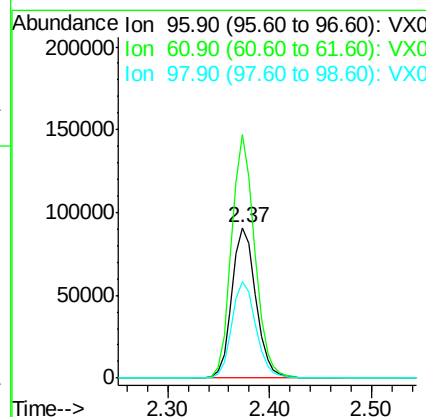
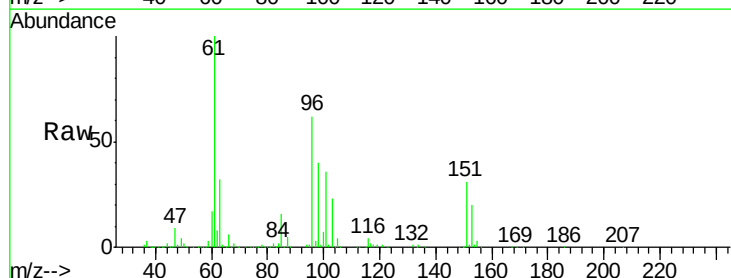
Manual Integrations
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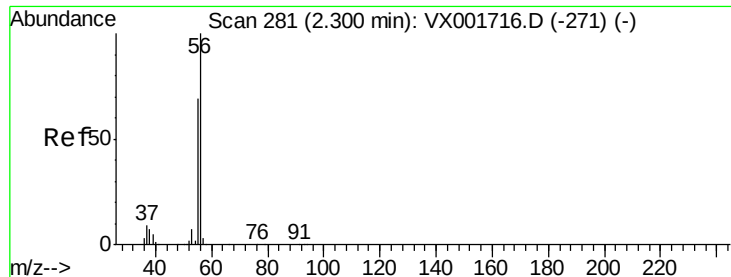
MMDadoda
5/16/2018 11:54:11 AM



#12
1,1-Dichloroethene
Concen: 48.06 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	96	Resp	146989
Ion Ratio	100	Lower	Upper
61	161.6	122.2	183.2
98	64.4	51.4	77.0





#13

Acrolein

Concen: 240.85 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion: 56 Resp: 125792

Ion Ratio Lower Upper

56 100

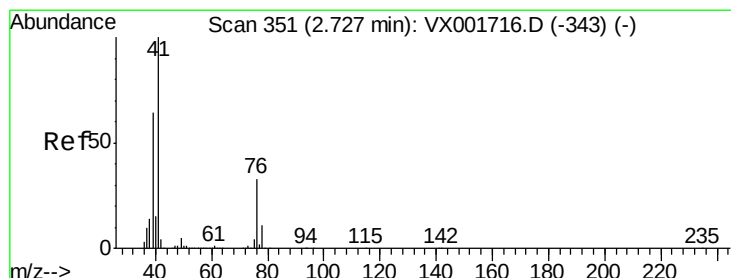
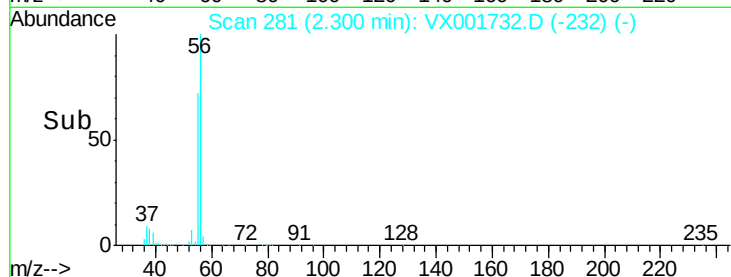
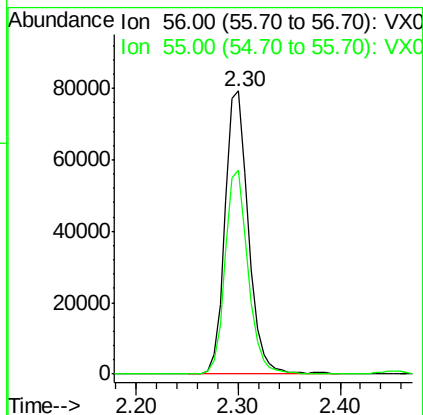
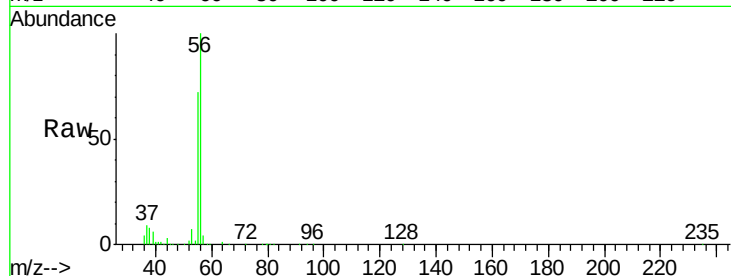
55 70.5 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 49.44 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

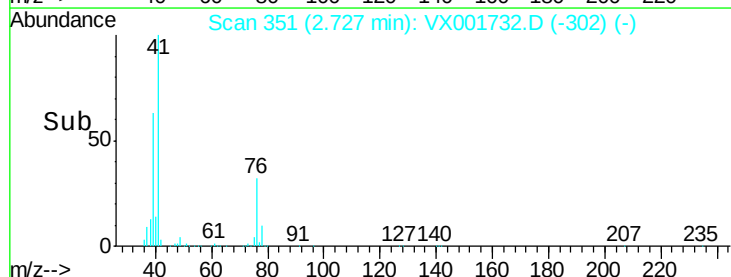
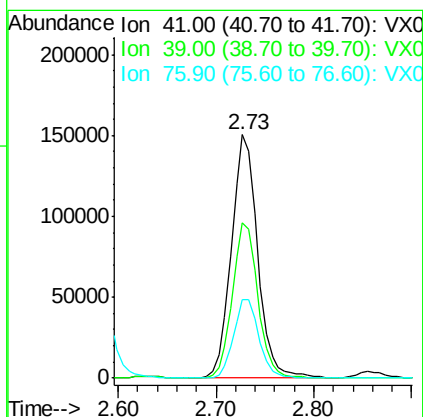
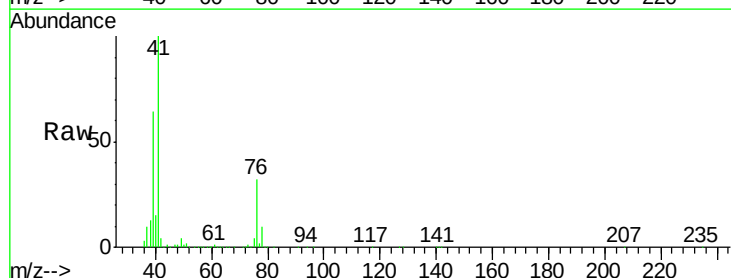
Tgt Ion: 41 Resp: 279524

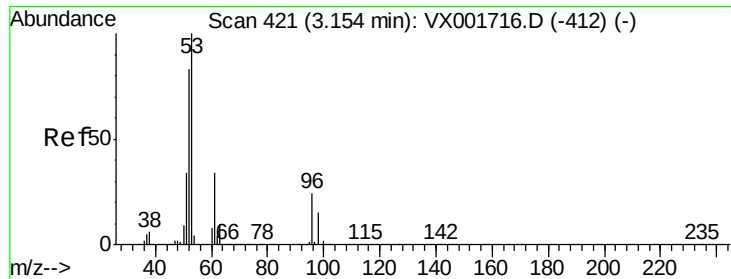
Ion Ratio Lower Upper

41 100

39 62.0 49.8 74.6

76 31.5 25.8 38.8





#15

Acrylonitrile

Concen: 248.70 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

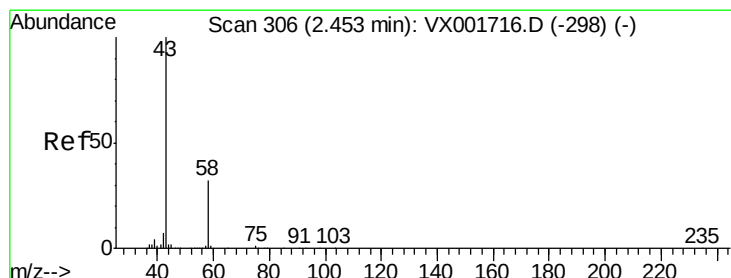
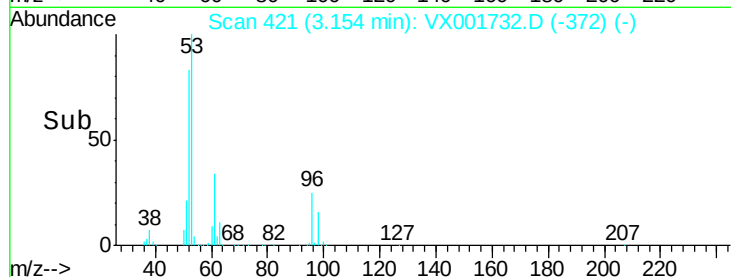
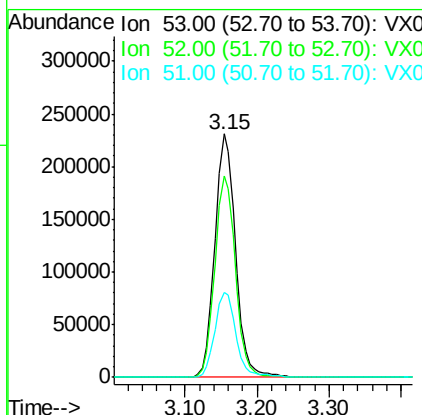
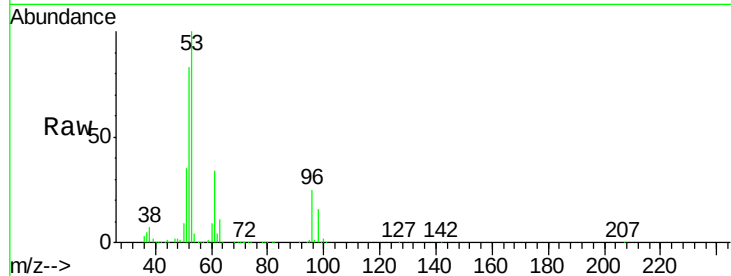
ClientSampleId :

MW-03MS

Tot Ion:	53	Resp:	459993
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.6	98.4
51	35.7	28.1	42.1

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#16

Acetone

Concen: 242.51 ug/l

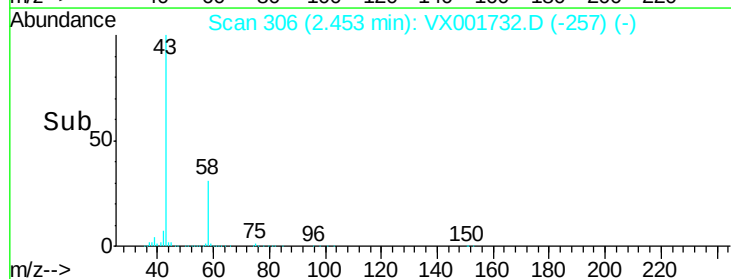
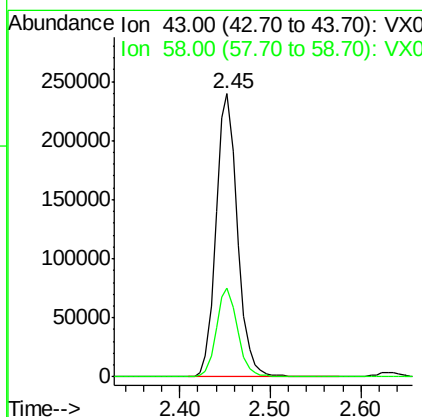
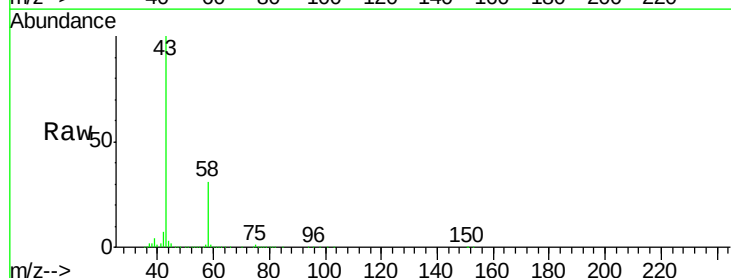
RT: 2.45 min Scan# 306

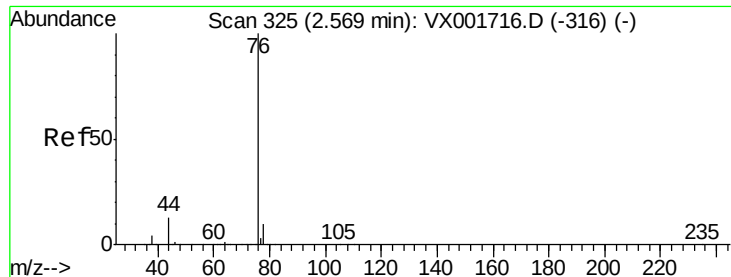
Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Tgt Ion:	43	Resp:	395077
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.3	37.9





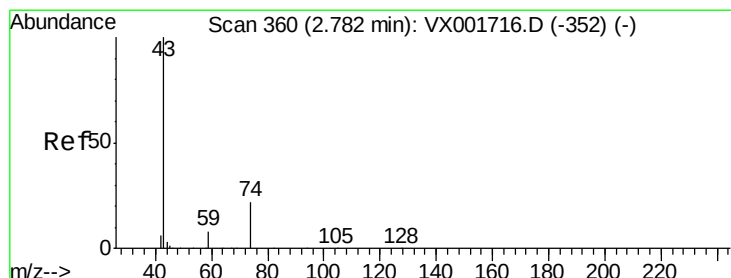
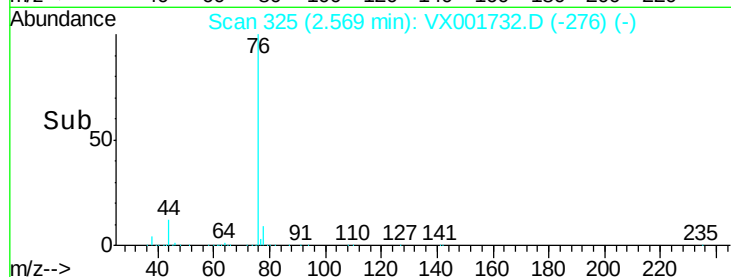
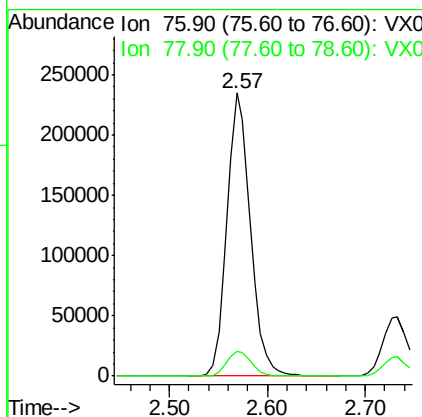
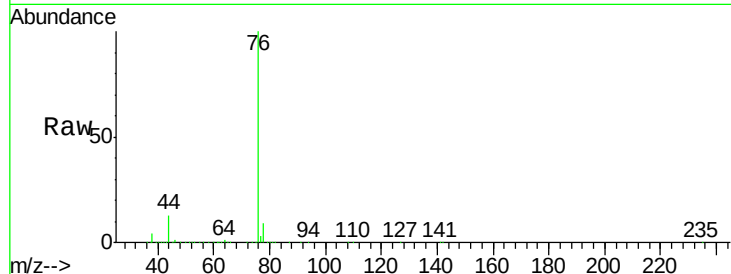
#17
Carbon Disulfide
Concen: 48.95 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.6	11.4

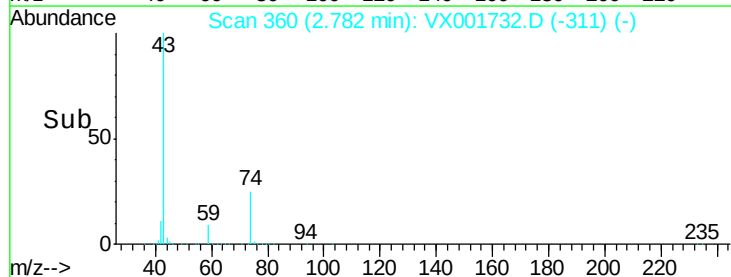
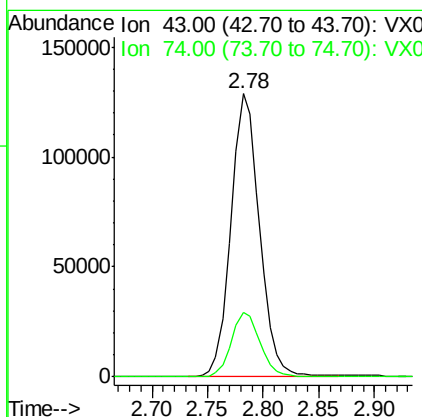
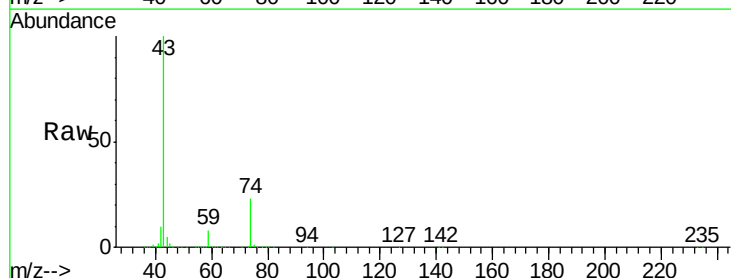
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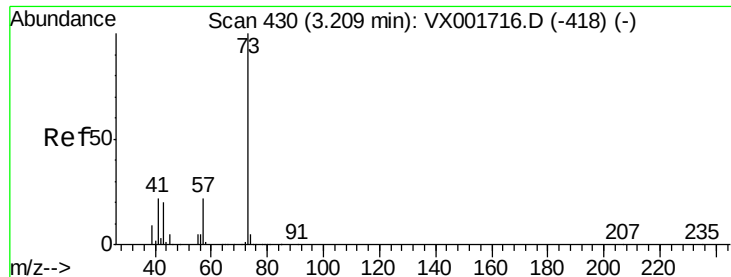
MMDadoda
5/16/2018 11:54:11 AM



#18
Methyl Acetate
Concen: 47.70 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.2	27.2





#19

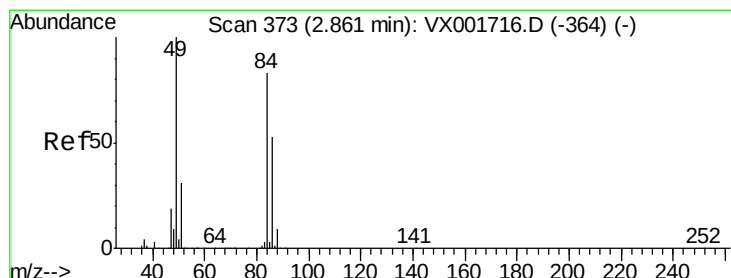
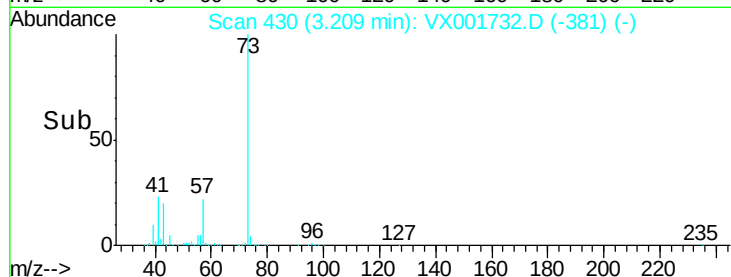
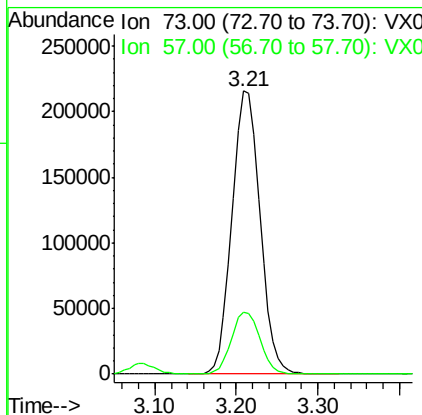
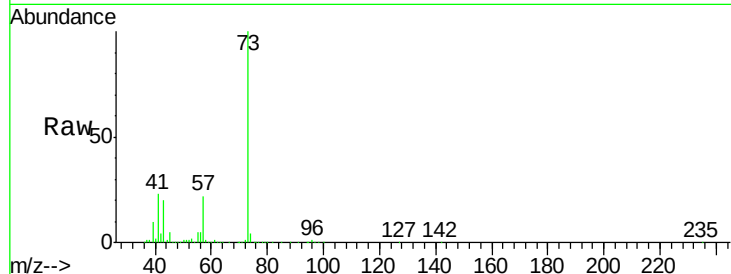
Methyl tert-butyl Ether
 Concen: 49.81 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.5	26.3

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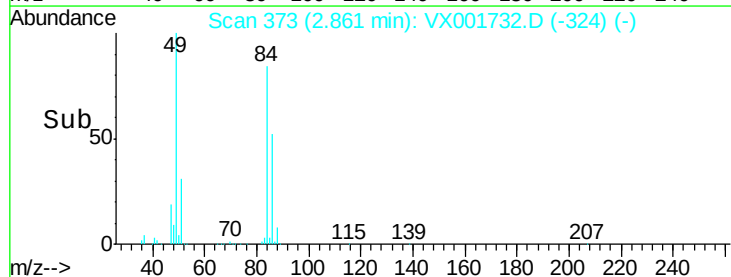
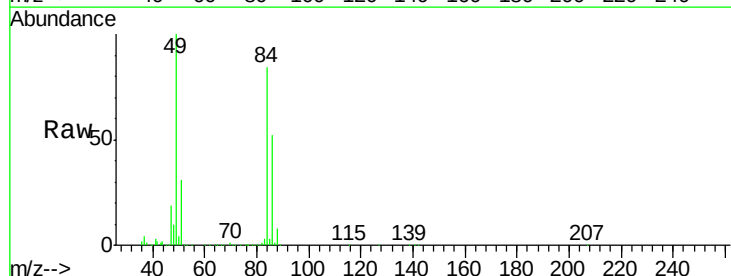
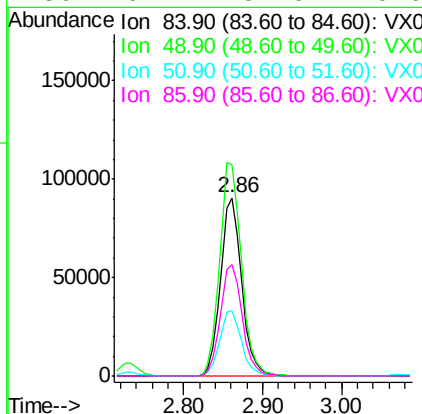
MMDadoda
 5/16/2018 11:54:11 AM

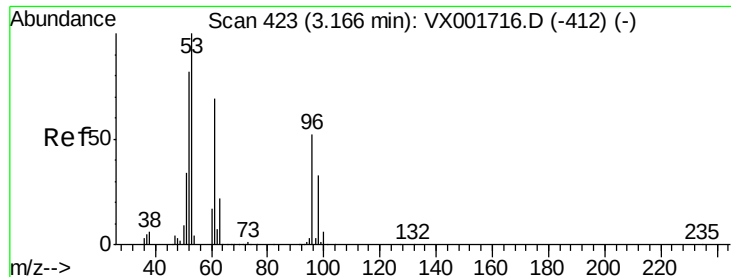


#20

Methylene Chloride
 Concen: 48.60 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.4	96.3	144.5
51	36.7	29.8	44.6
86	62.1	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 48.87 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

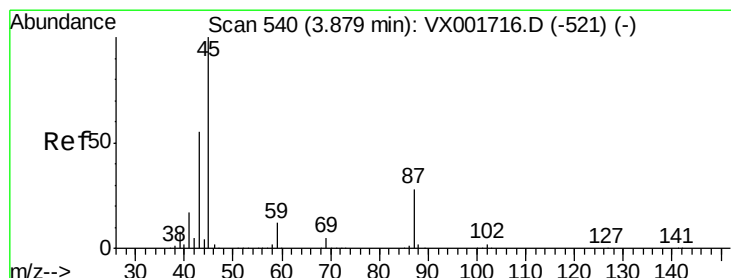
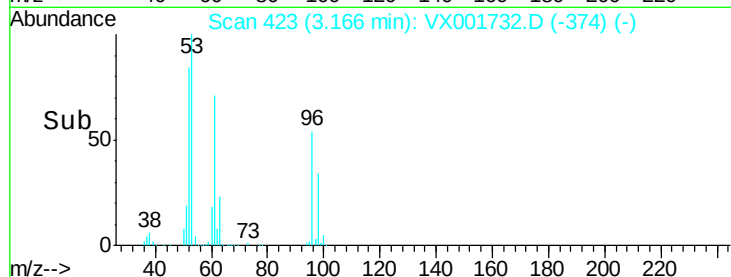
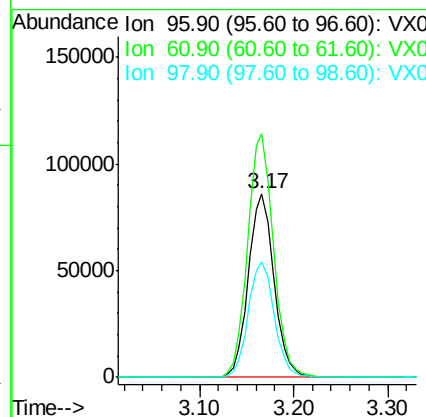
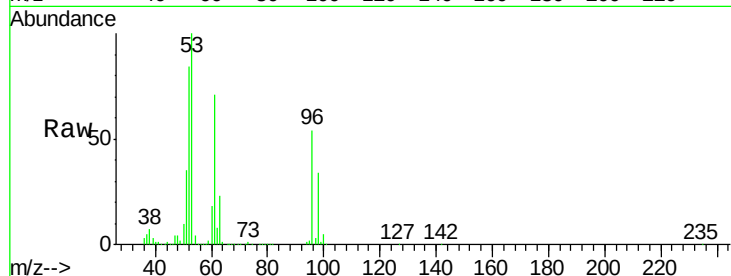
ClientSampleId :

MW-03MS

Tot Ion:	96	Resp:	164659
Ion	Ratio	Lower	Upper
96	100		
61	132.4	105.8	158.8
98	62.8	50.2	75.4

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#22

Diisopropyl ether

Concen: 49.58 ug/l

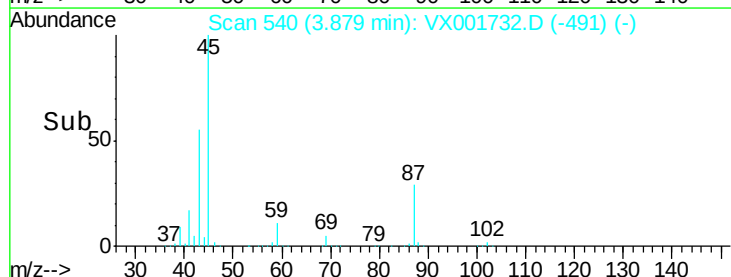
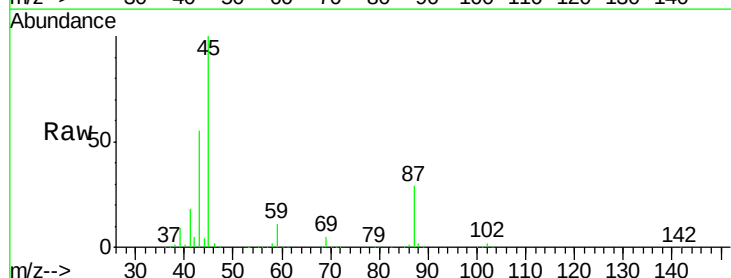
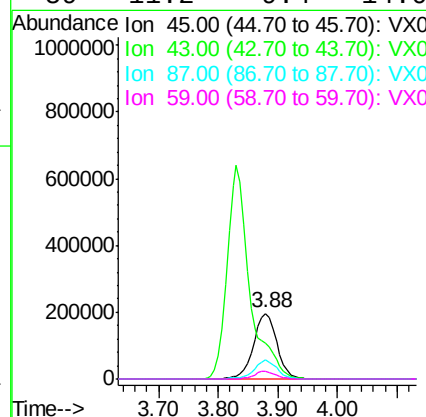
RT: 3.88 min Scan# 540

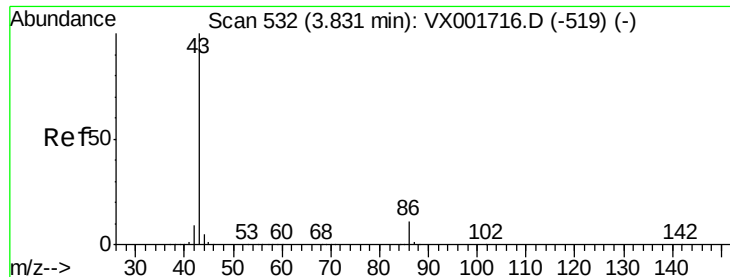
Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Tgt Ion:	45	Resp:	537698
Ion	Ratio	Lower	Upper
45	100		
43	54.9	44.3	66.5
87	28.5	22.6	33.8
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 216.29 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion: 43 Resp: 1690082

Ion Ratio Lower Upper

43 100

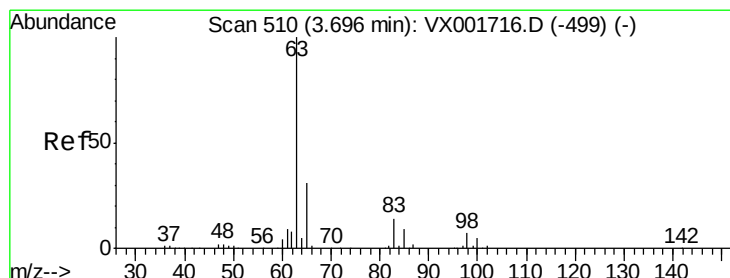
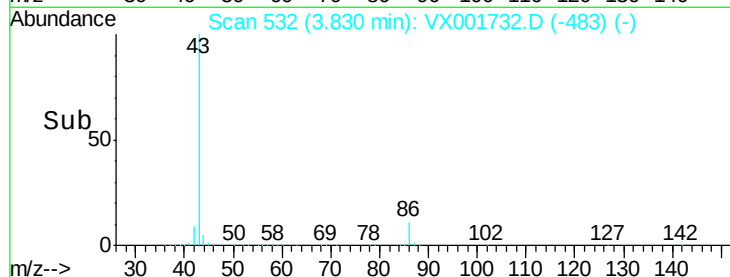
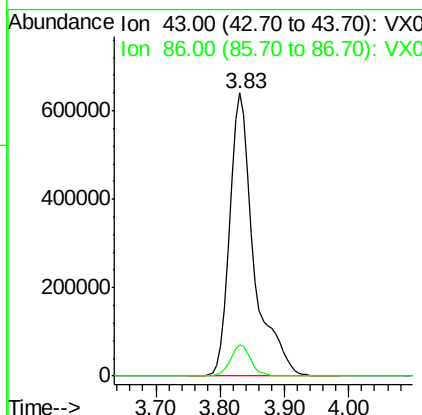
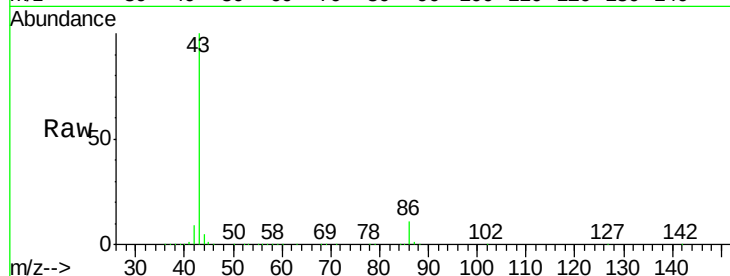
86 10.9 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.37 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

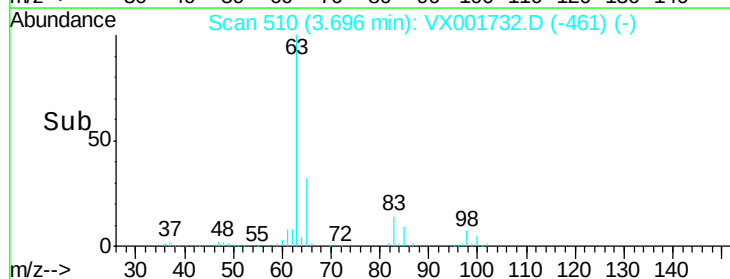
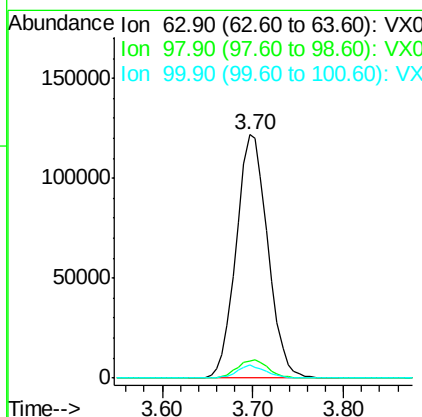
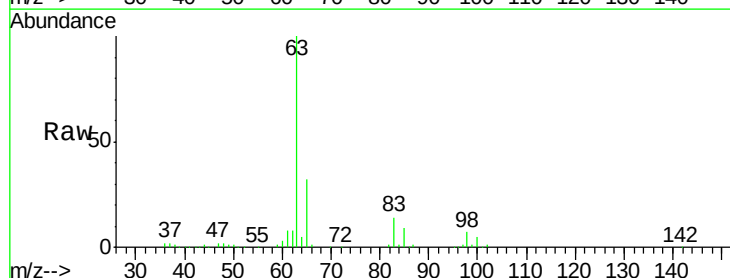
Tgt Ion: 63 Resp: 293638

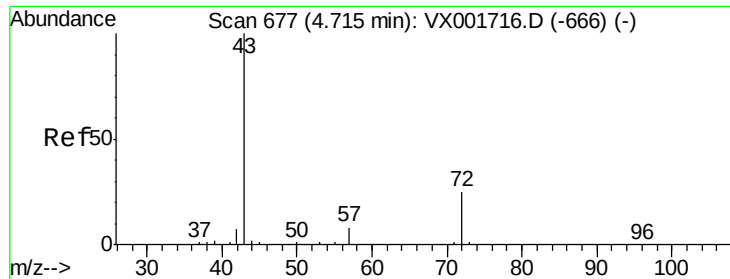
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 250.47 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion: 43 Resp: 624739

Ion Ratio Lower Upper

43 100

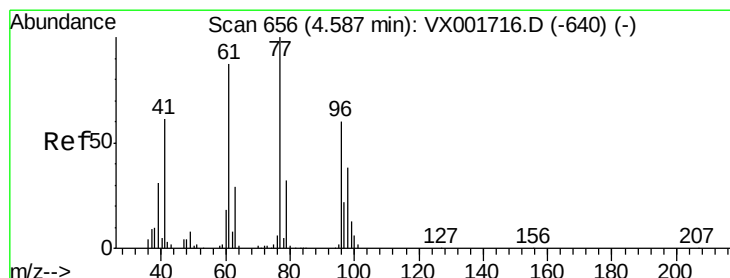
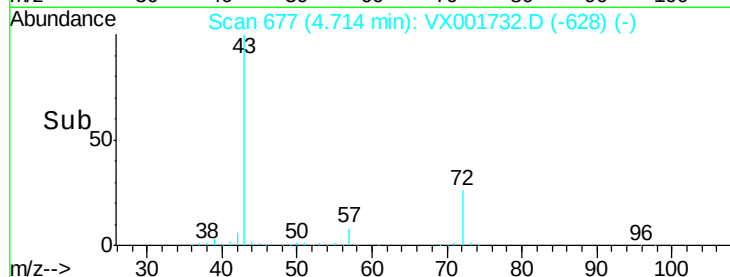
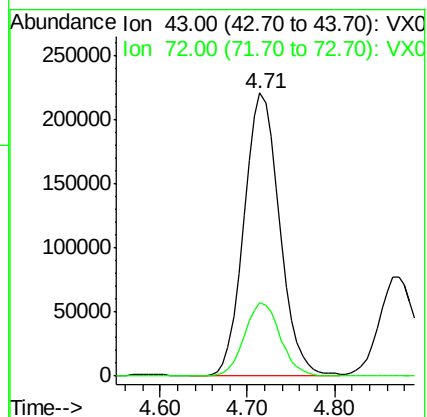
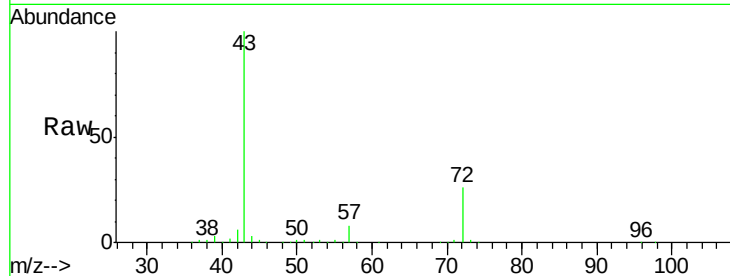
72 26.1 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 39.46 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001732.D

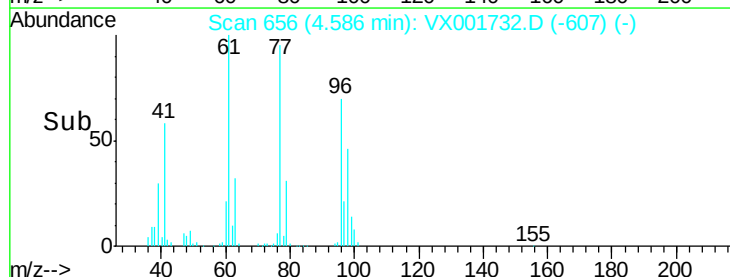
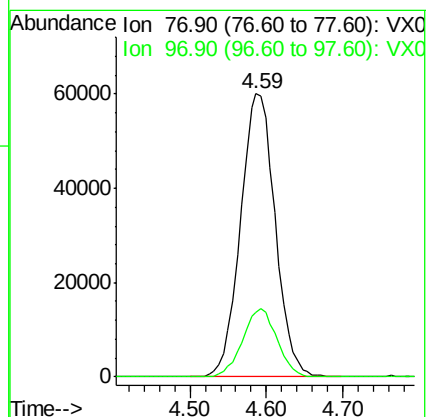
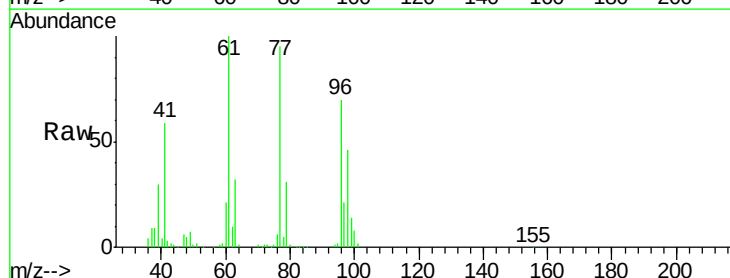
Acq: 15 May 2018 01:50

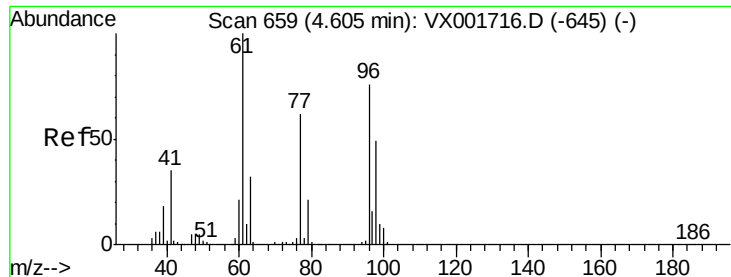
Tgt Ion: 77 Resp: 188967

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

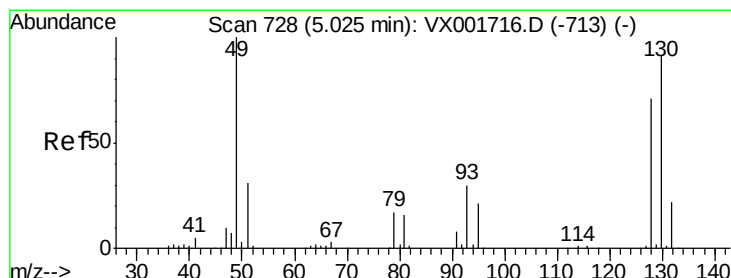
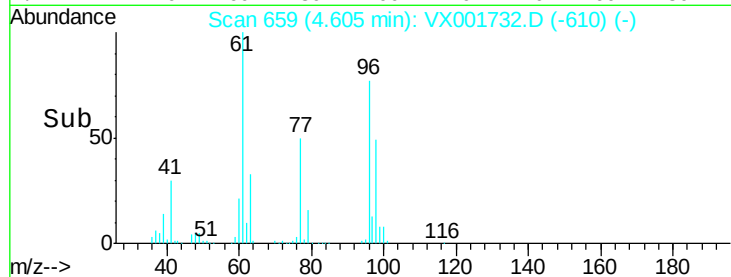
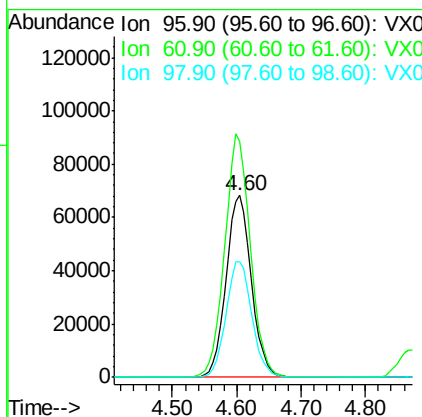
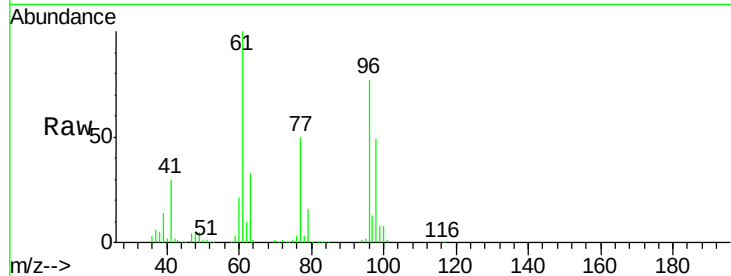
cis-1,2-Dichloroethene
Concen: 49.18 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	188554		
61	135.9	0.0	280.4	
98	65.0	0.0	128.4	

Manual Integrations
APPROVED

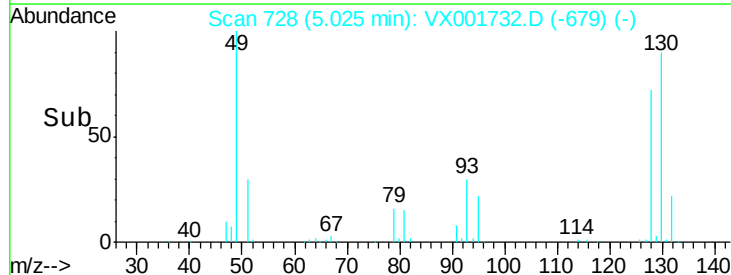
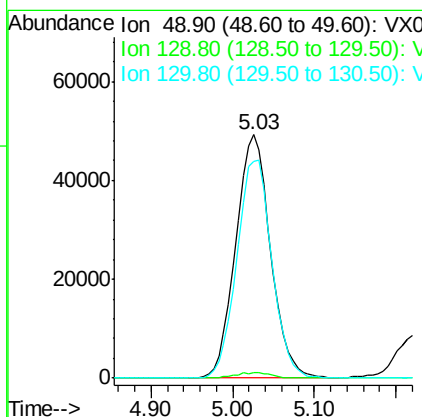
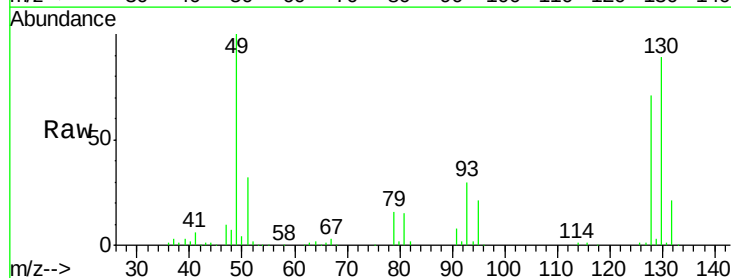
MMDadoda
5/16/2018 11:54:11 AM

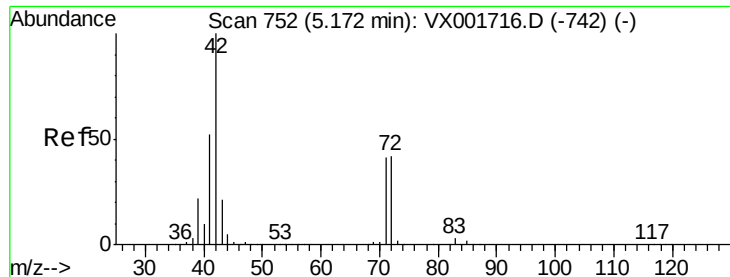


#28

Bromochloromethane
Concen: 55.18 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	145792		
129	2.3	0.0	5.0	
130	90.4	71.8	107.6	





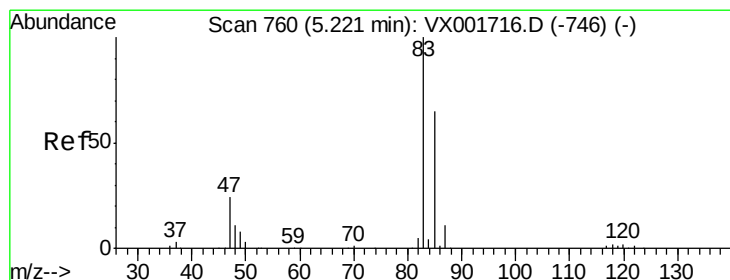
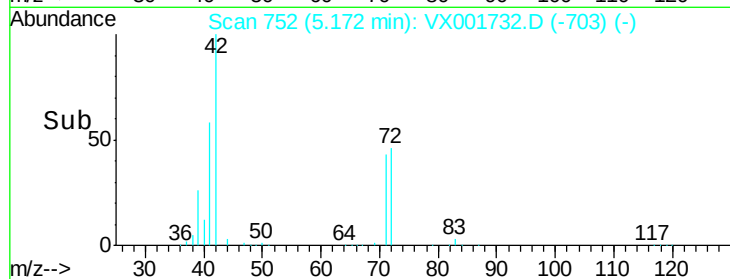
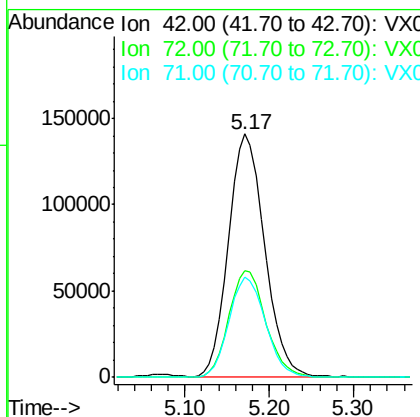
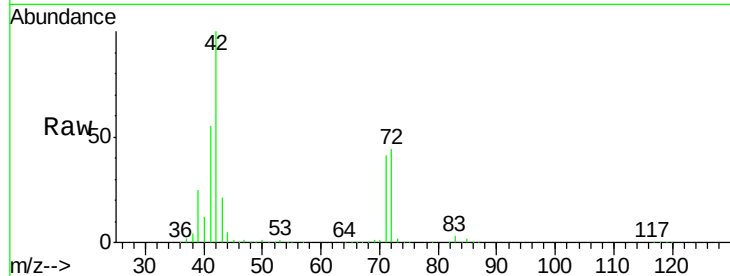
#29
Tetrahydrofuran
Concen: 251.80 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.4	53.2
71	41.7	33.2	49.8

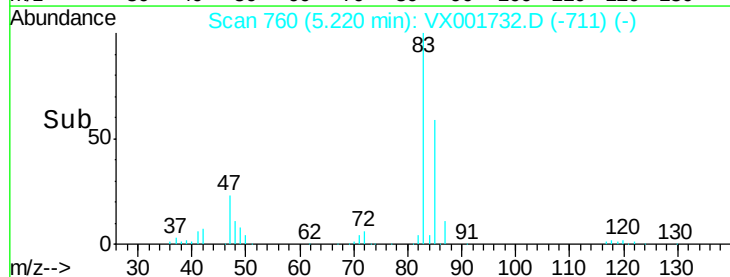
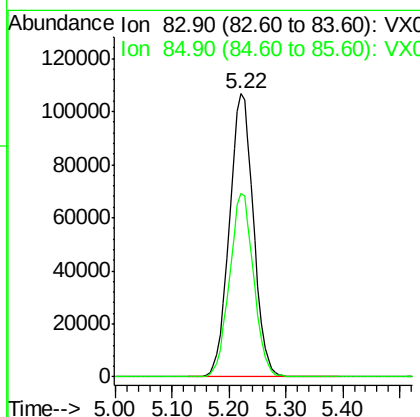
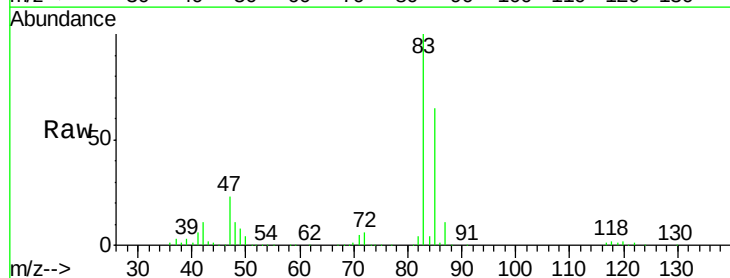
Manual Integrations
APPROVED

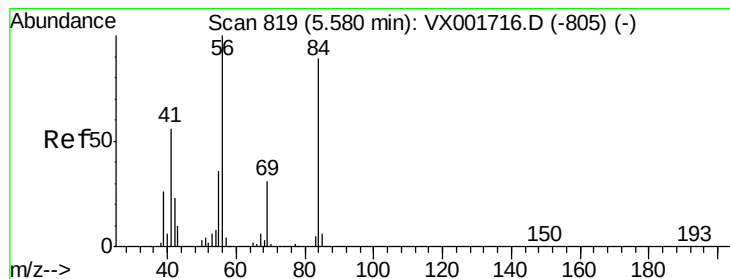
MMDadoda
5/16/2018 11:54:11 AM



#30
Chloroform
Concen: 50.29 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.3	78.5





#31

Cyclohexane

Concen: 49.20 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion: 56 Resp: 256520

Ion Ratio Lower Upper

56 100

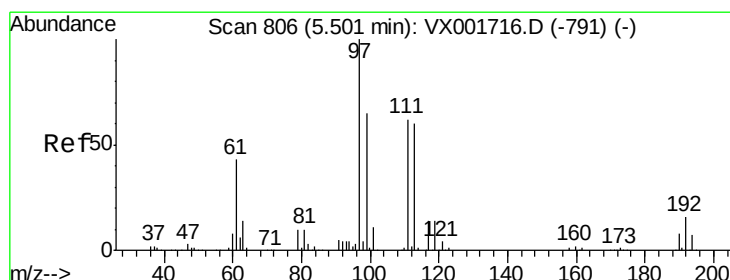
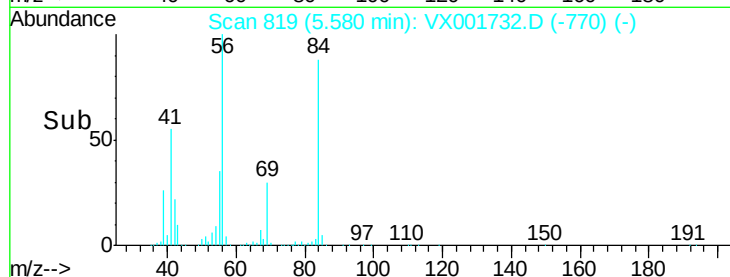
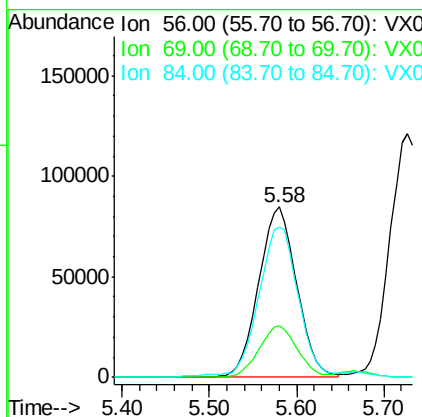
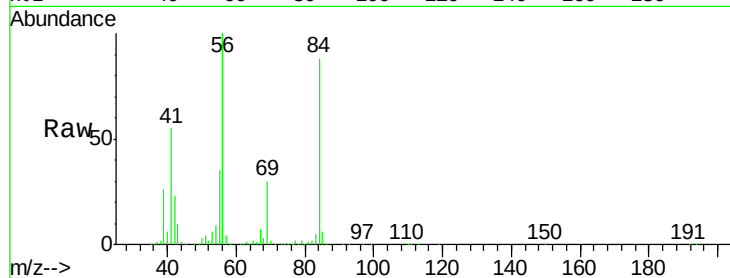
69 30.3 25.0 37.6

84 87.1 71.0 106.4

Manual Integrations
APPROVED

MMDadoda

5/16/2018 11:54:11 AM



#32

1,1,1-Trichloroethane

Concen: 50.93 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

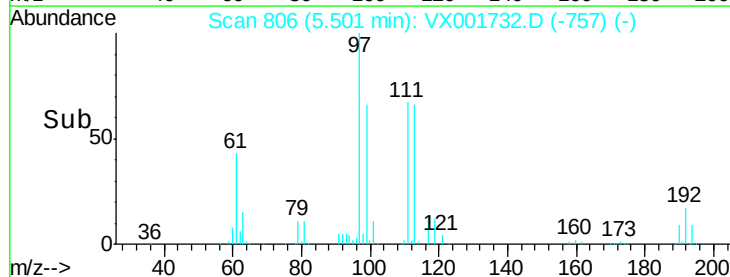
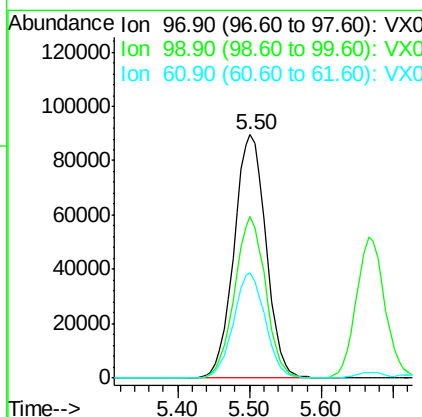
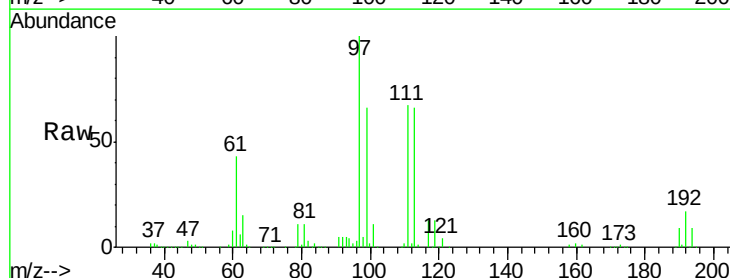
Tgt Ion: 97 Resp: 274938

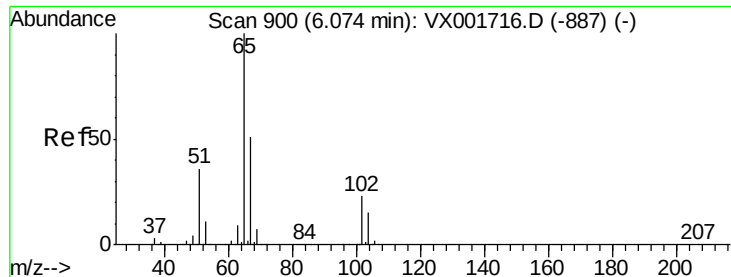
Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 43.0 34.0 51.0





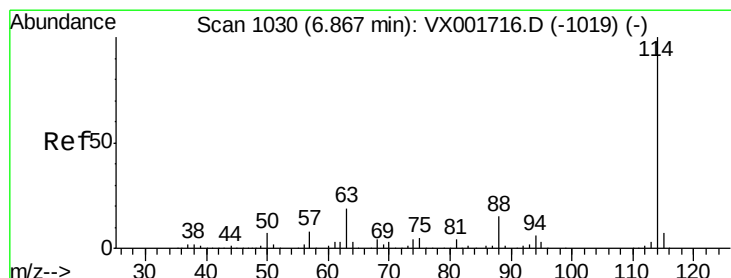
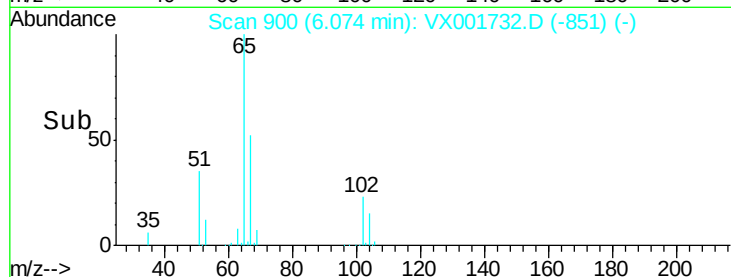
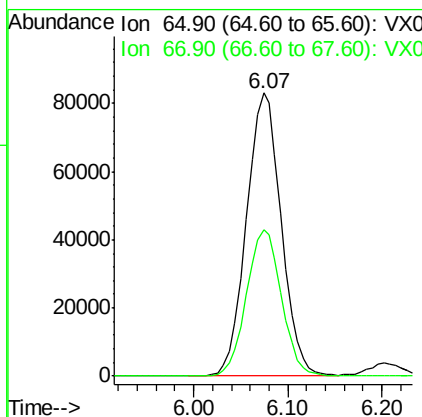
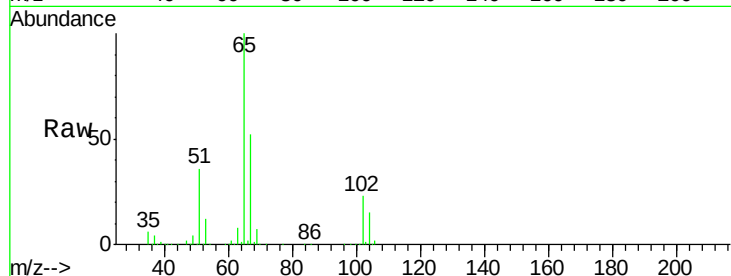
#33
 1,2-Dichloroethane-d4
 Concen: 51.97 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215569		
67	52.0	0.0	102.8	

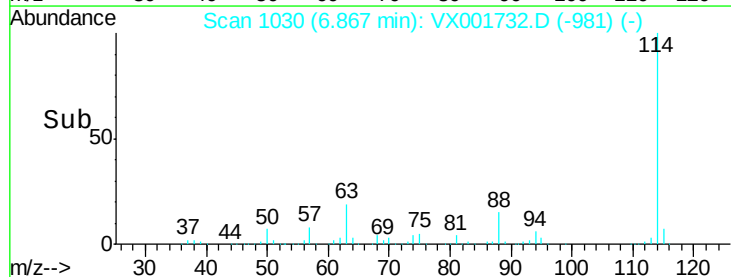
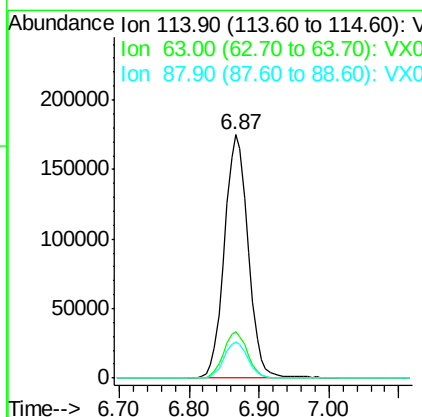
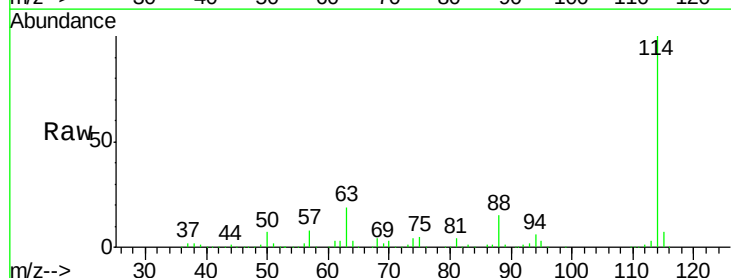
Manual Integrations
 APPROVED

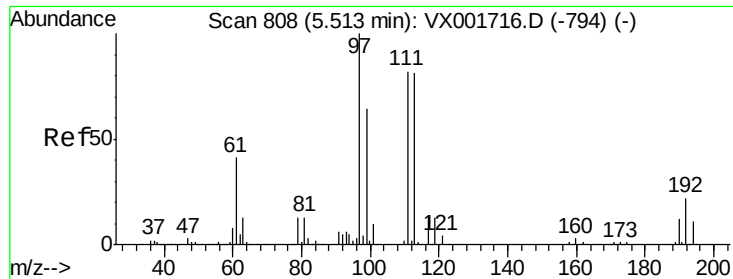
MMDadoda
 5/16/2018 11:54:11 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	412853		
63	19.1	0.0	37.0	
88	15.0	0.0	29.8	





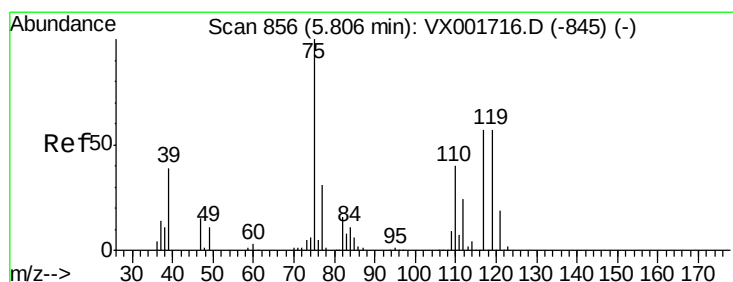
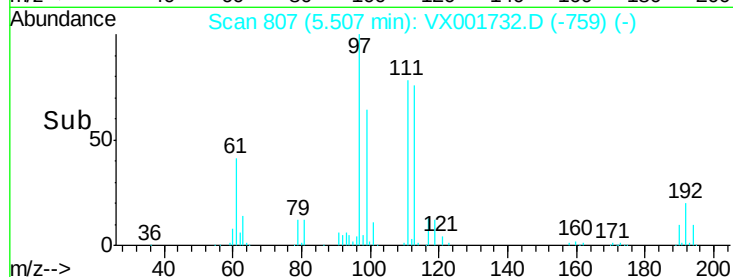
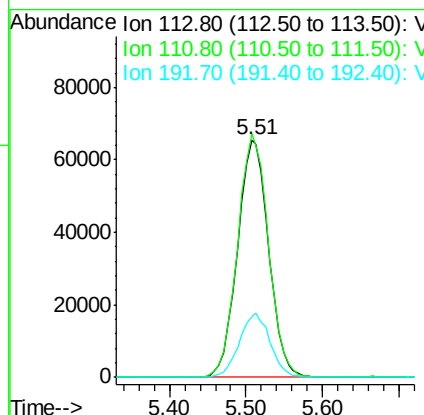
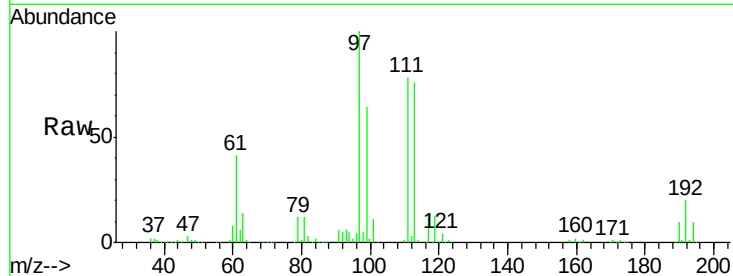
#35
 Dibromofluoromethane
 Concen: 52.92 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	184366		
111	101.7	82.0	123.0	
192	26.7	21.6	32.4	

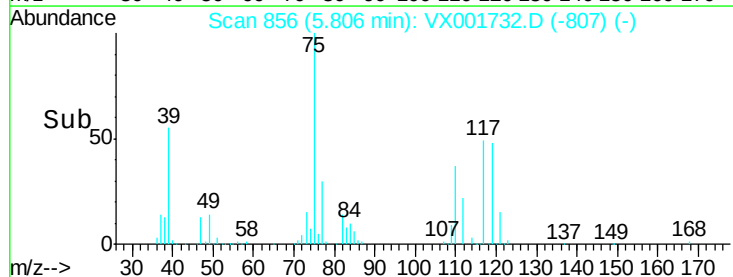
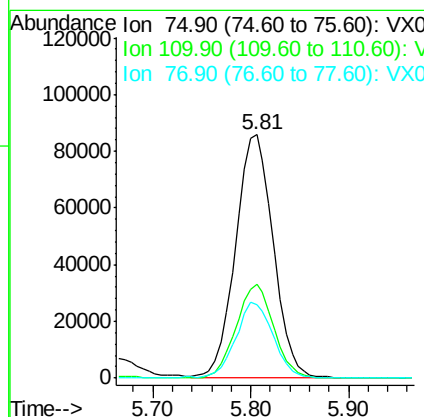
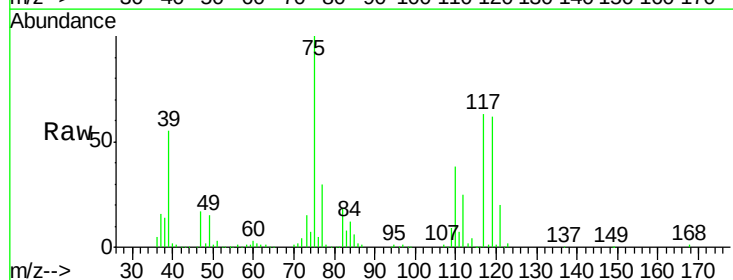
Manual Integrations
 APPROVED

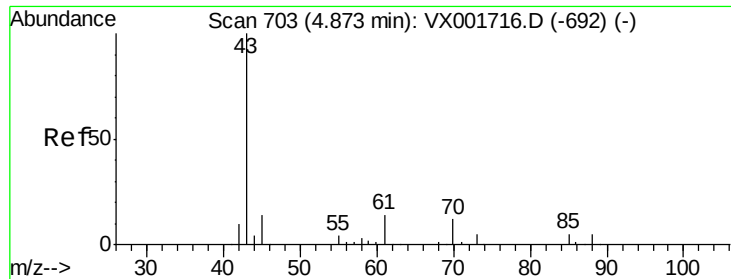
MMDadoda
 5/16/2018 11:54:11 AM



#36
 1,1-Dichloropropene
 Concen: 48.06 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	228425		
110	38.7	19.1	57.1	
77	31.6	24.6	37.0	





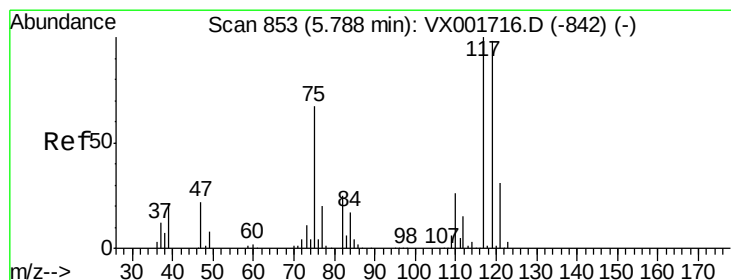
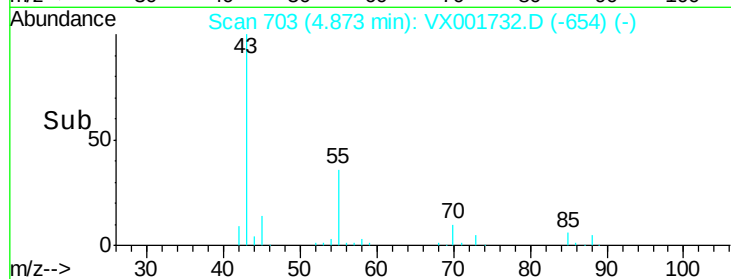
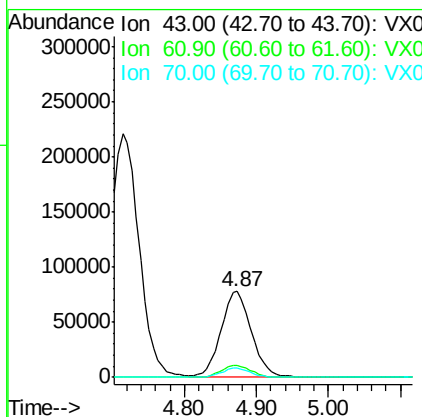
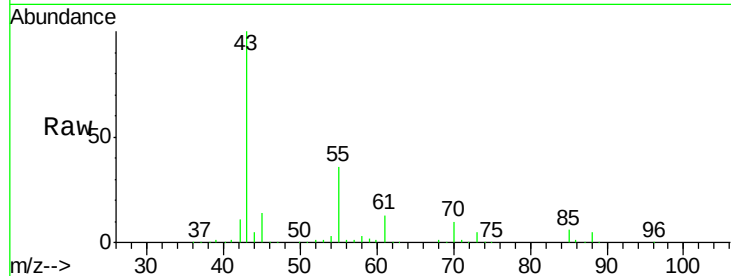
#37
Ethyl Acetate
Concen: 46.19 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampled :
MW-03MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.9	16.3
70	10.5	8.8	13.2

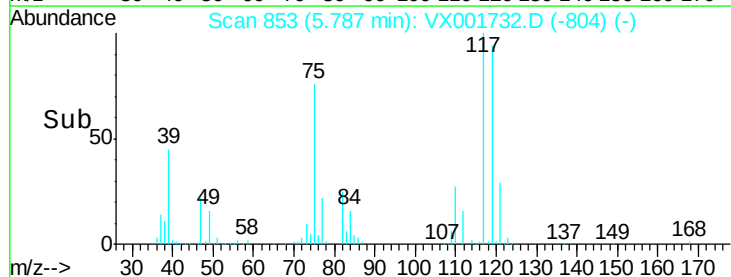
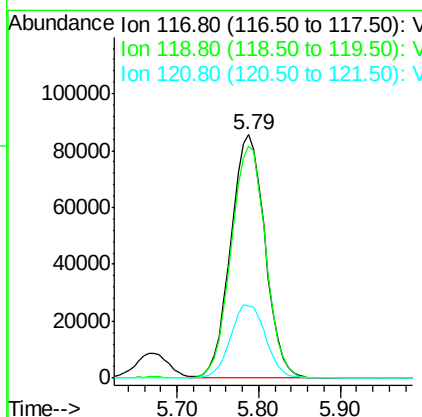
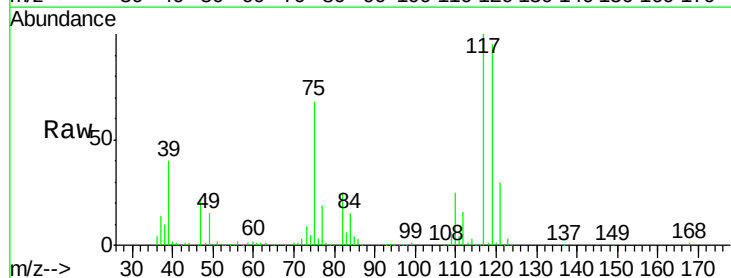
Manual Integrations
APPROVED

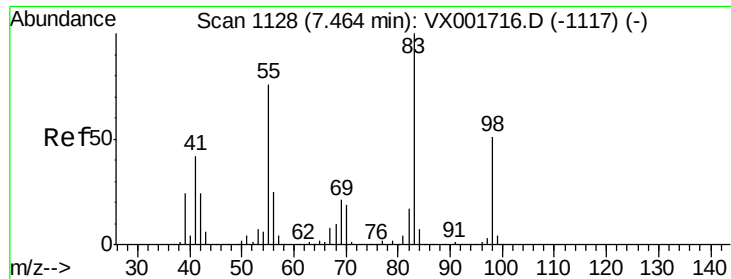
MMDadoda
5/16/2018 11:54:11 AM



#38
Carbon Tetrachloride
Concen: 49.79 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.6	116.4
121	29.8	24.6	36.8





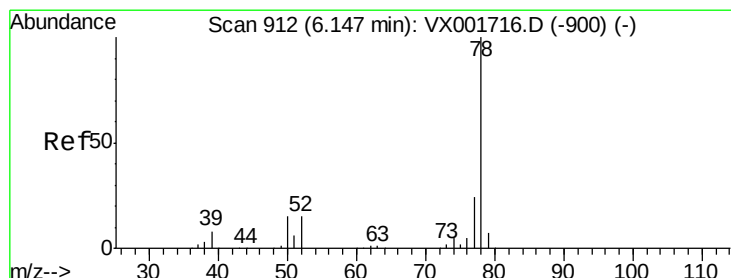
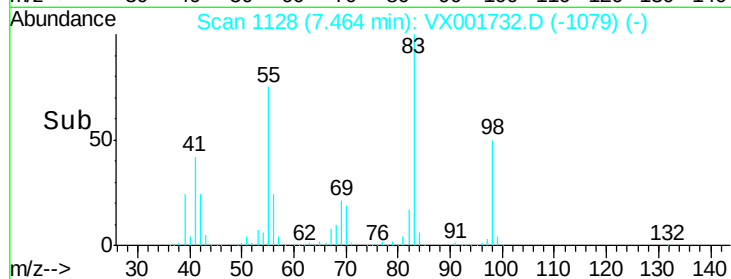
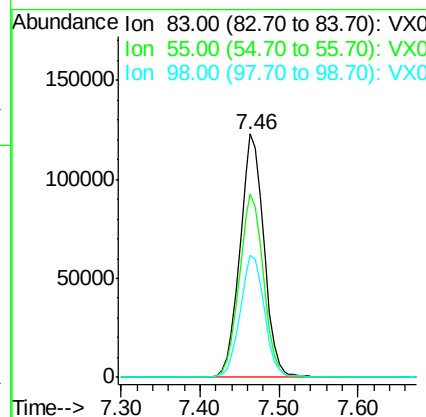
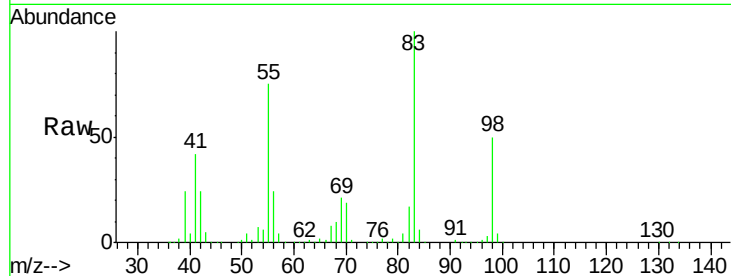
#39
Methylvlcyclohexane
Concen: 46.66 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	259105		
55	75.2		60.6	90.8
98	50.2		40.4	60.6

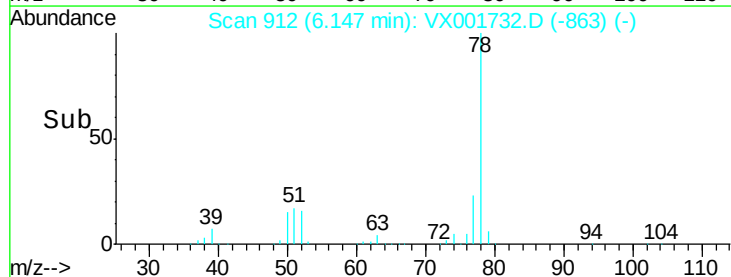
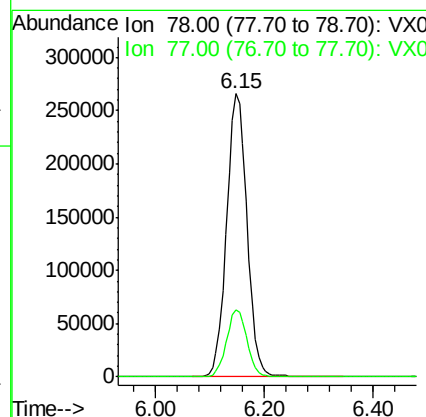
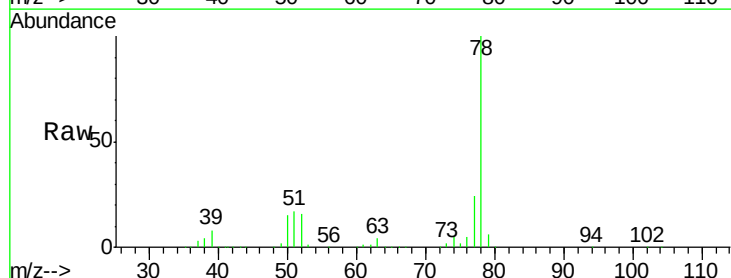
Manual Integrations
APPROVED

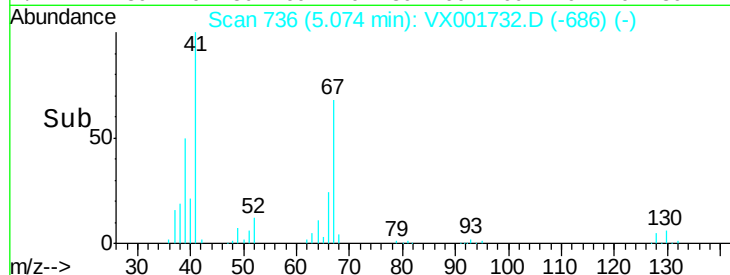
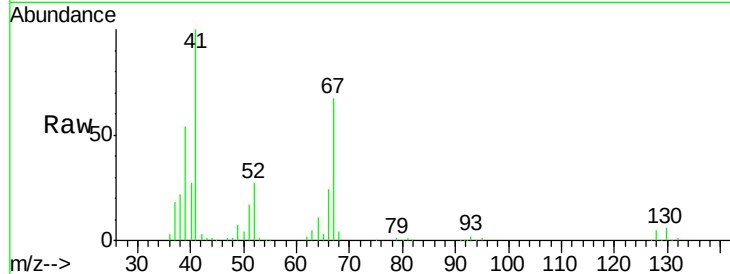
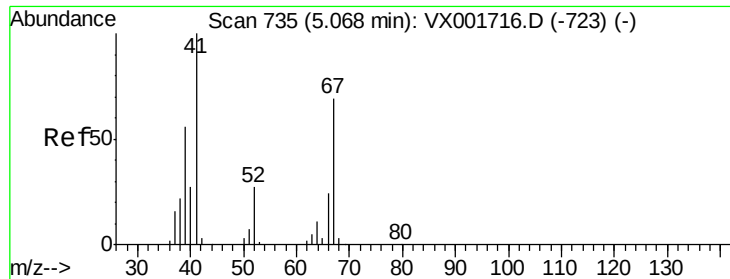
MMDadoda
5/16/2018 11:54:11 AM



#40
Benzene
Concen: 49.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

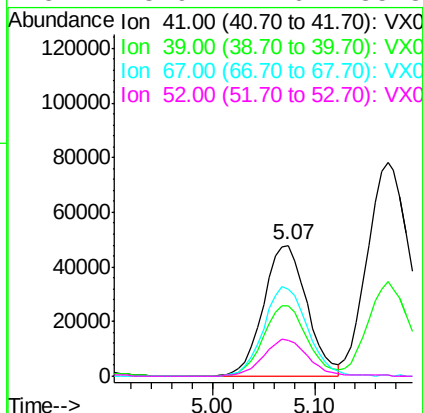
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	694576		
77	23.9		19.0	28.4





#41
Methacrylonitrile
Concen: 49.37 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

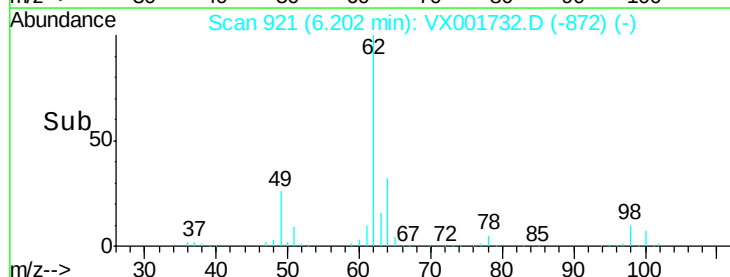
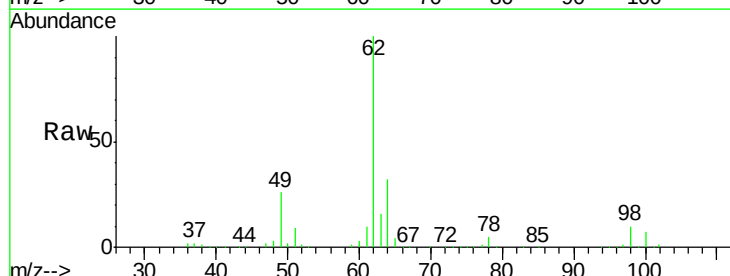
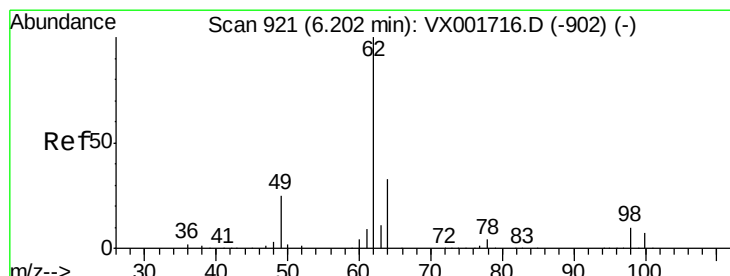
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.7	44.2	66.4		
67	69.5	56.0	84.0		
52	28.9	22.6	33.8		



Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

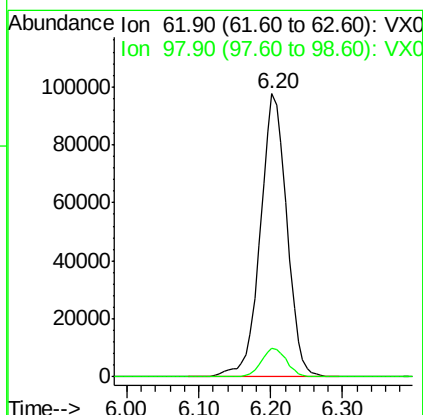
Manual Integrations
APPROVED

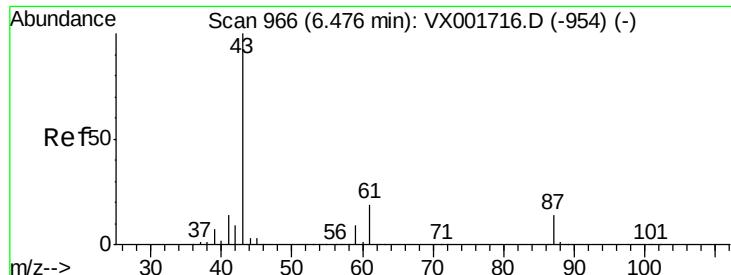
MMDadoda
5/16/2018 11:54:11 AM



#42
1,2-Dichloroethane
Concen: 49.41 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.8	0.0	20.0		





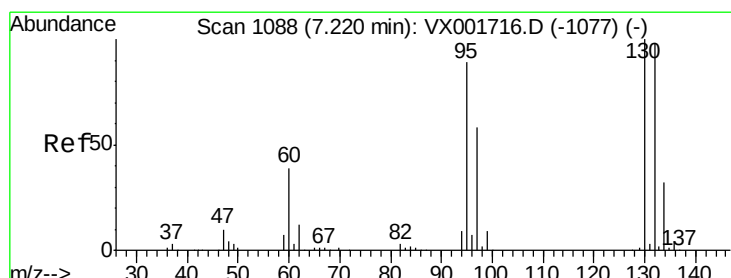
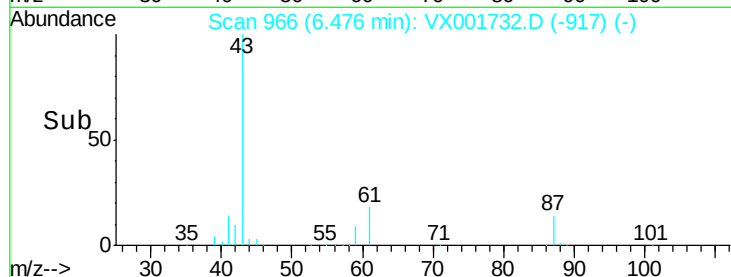
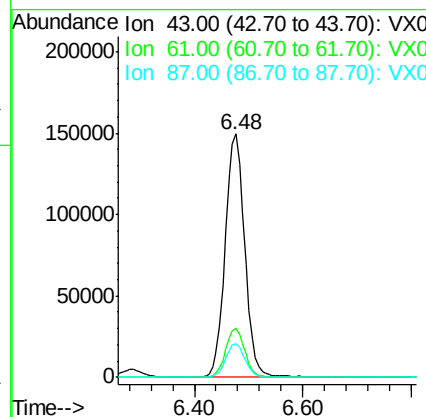
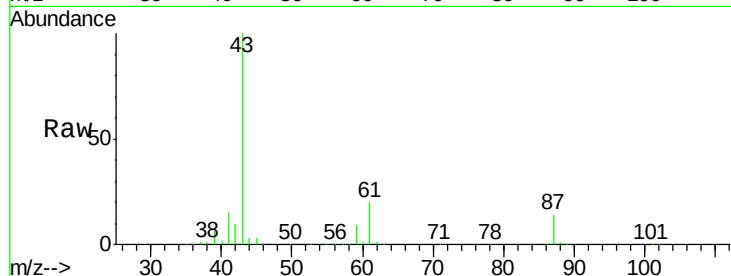
#43
Isopropyl Acetate
Concen: 48.26 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.8	23.8
87	13.8	11.0	16.4

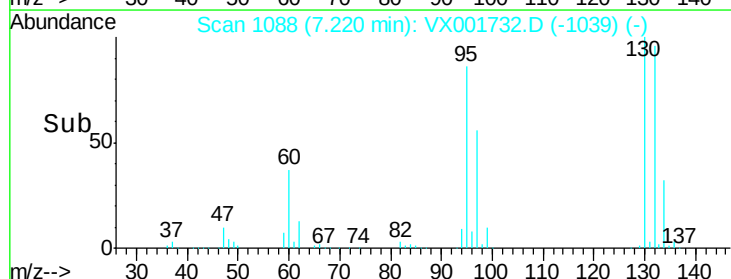
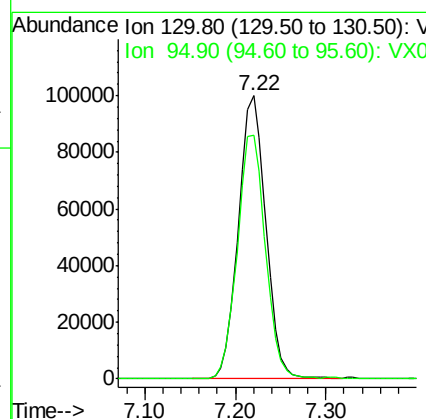
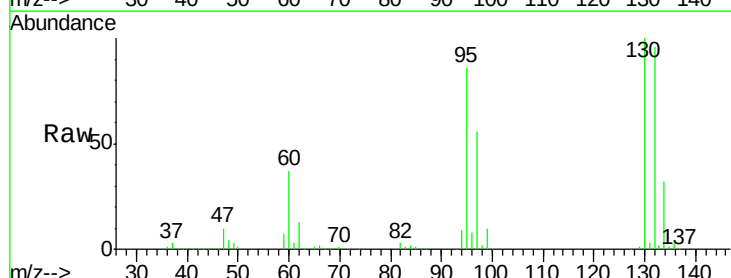
Manual Integrations
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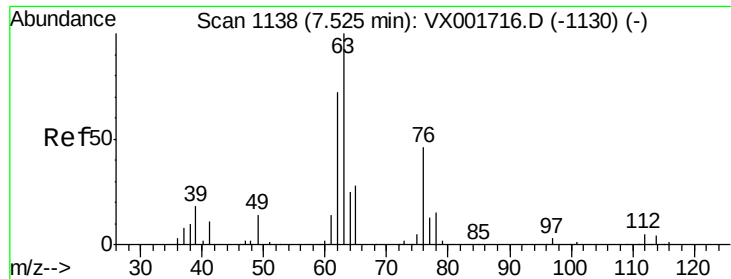
MMDadoda
5/16/2018 11:54:11 AM



#44
Trichloroethene
Concen: 48.56 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.9	0.0	177.2





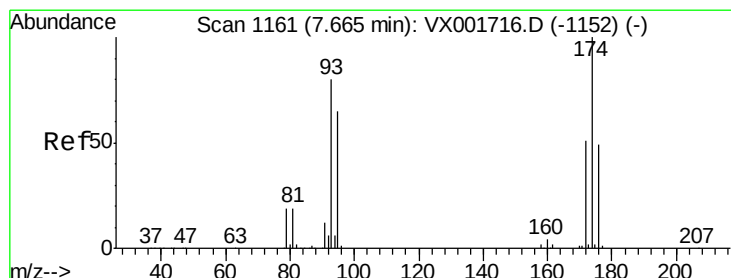
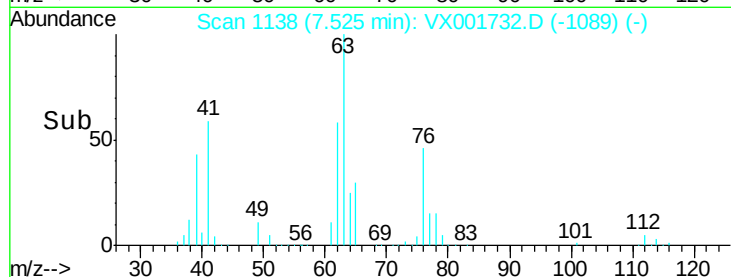
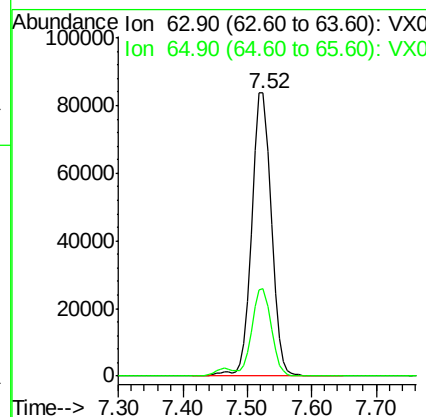
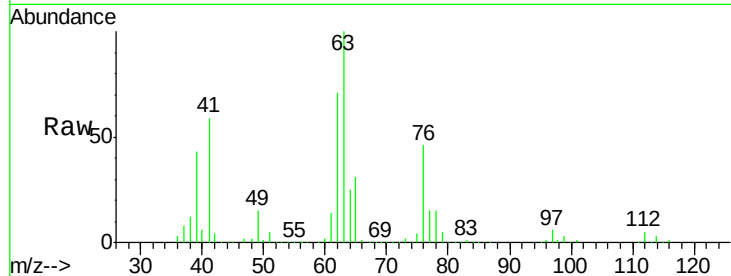
#45
 1,2-Dichloropropane
 Concen: 50.55 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.2	36.2

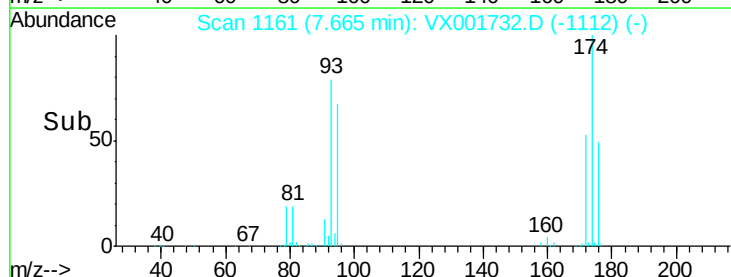
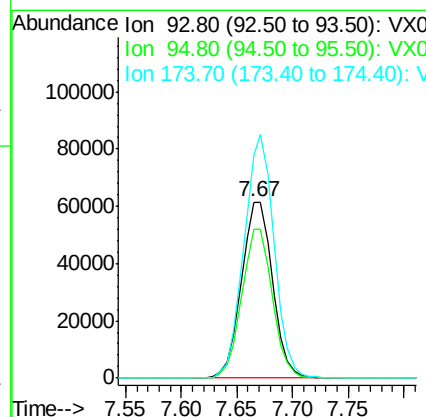
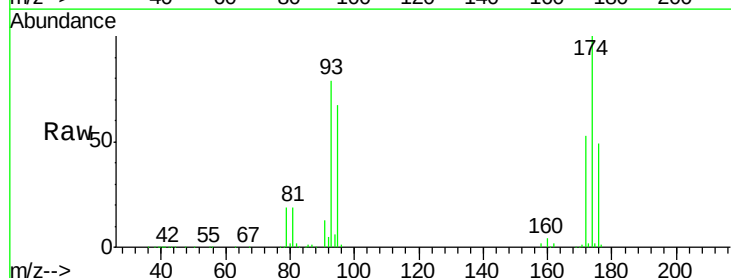
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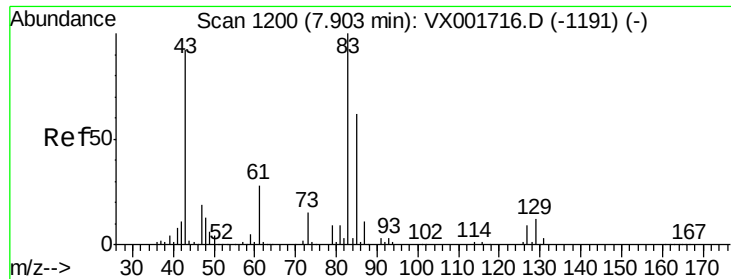
MMDadoda
 5/16/2018 11:54:11 AM



#46
 Dibromomethane
 Concen: 49.37 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.9	98.9
174	134.0	106.2	159.2





#47

Bromodichloromethane

Concen: 51.54 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

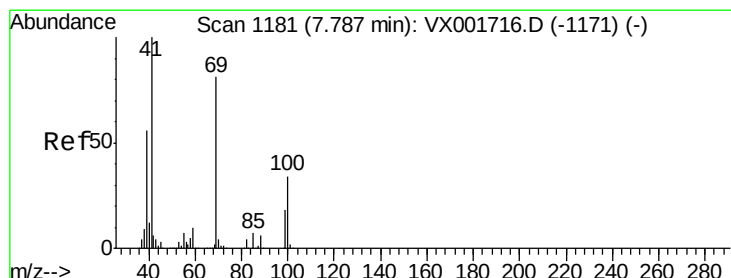
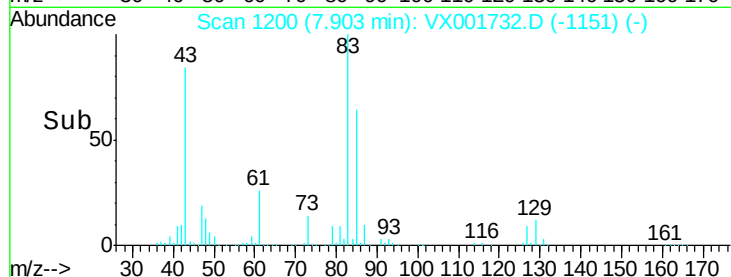
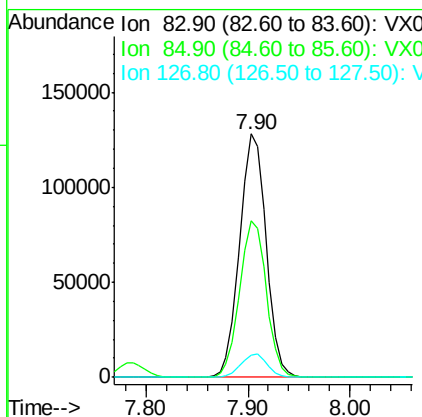
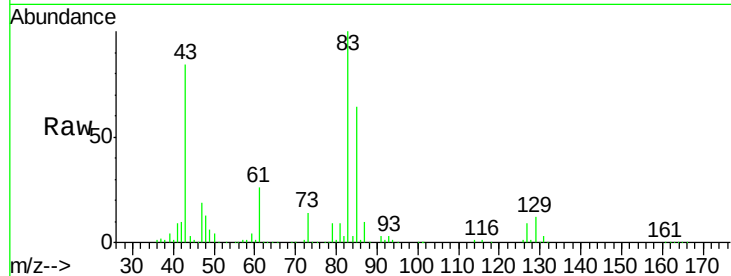
ClientSampleId :

MW-03MS

Tot Ion:	83	Resp:	230741
Ion Ratio	Lower	Upper	
83	100		
85	64.4	49.6	74.4
127	9.2	7.5	11.3

Manual Integrations
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MMDadoda
5/16/2018 11:54:11 AM



#48

Methyl methacrylate

Concen: 51.38 ug/l

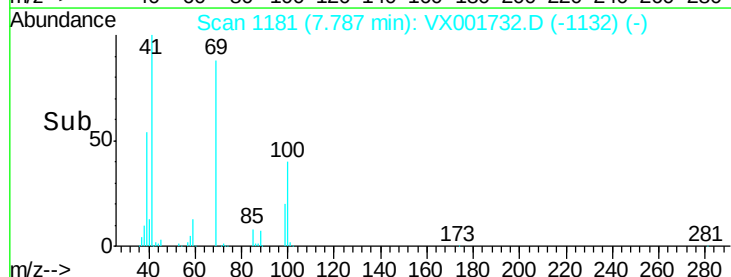
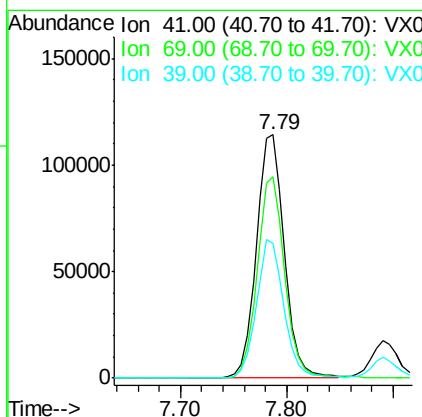
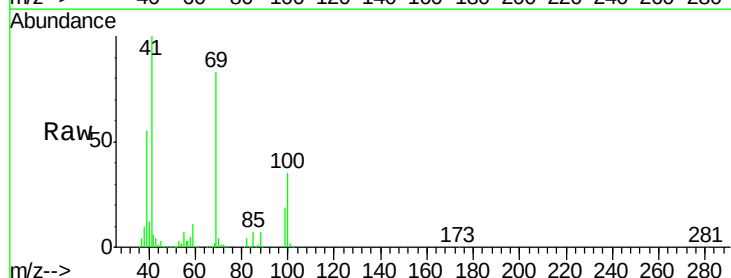
RT: 7.79 min Scan# 1181

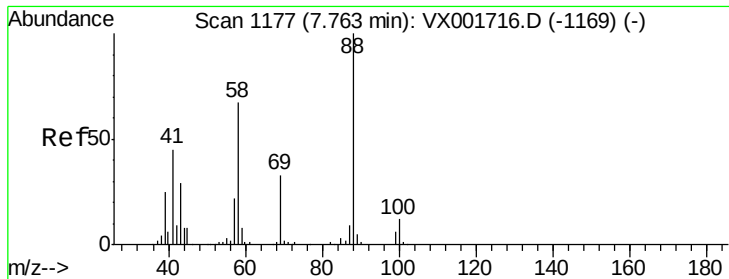
Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Tgt Ion:	41	Resp:	209665
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.2	97.8
39	55.7	44.5	66.7





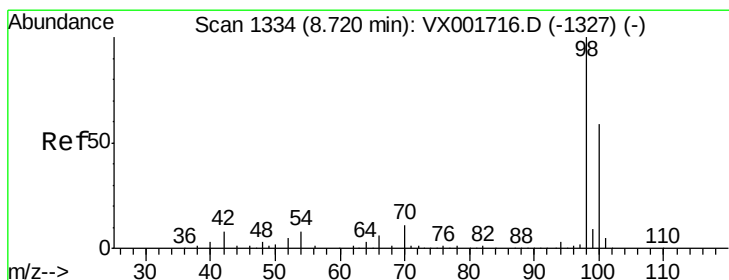
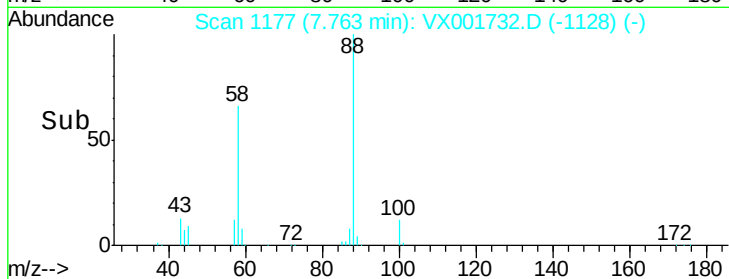
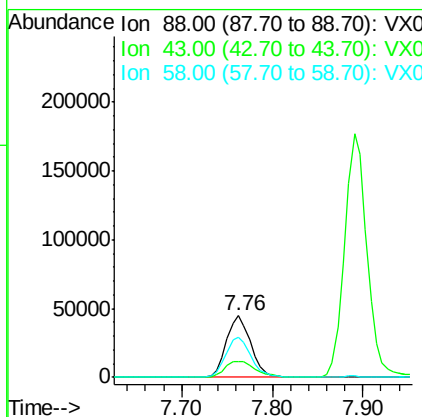
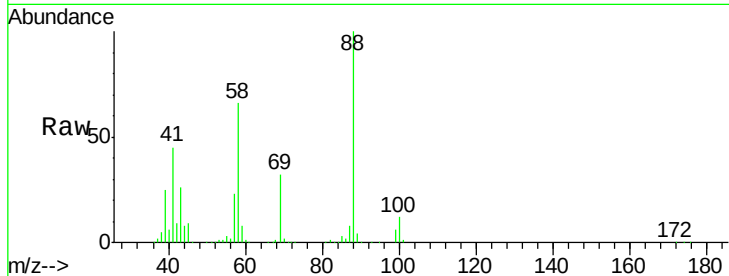
#49
1,4-Dioxane
Concen: 1061.90 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.3	40.9
58	67.8	55.9	83.9

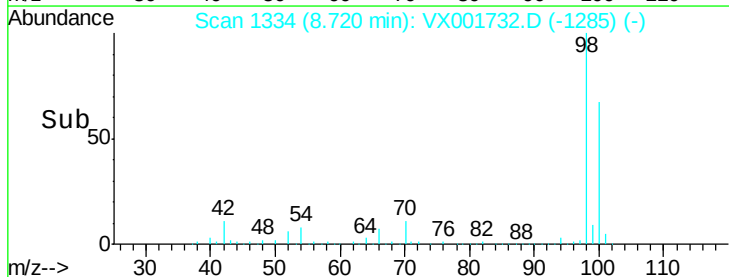
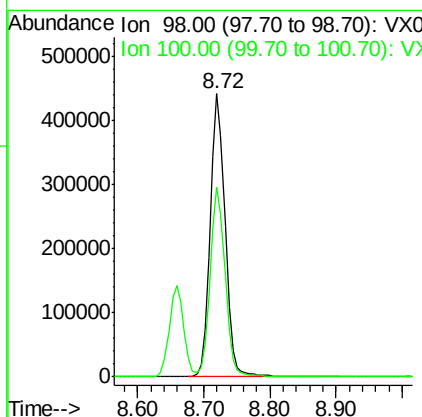
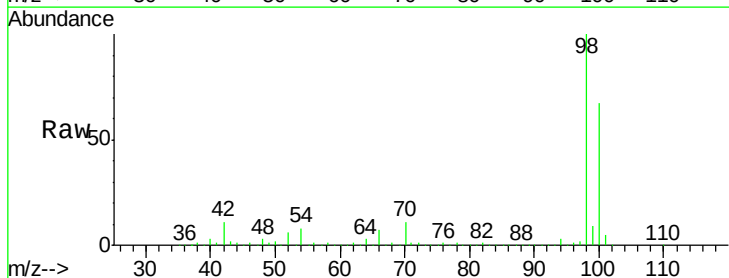
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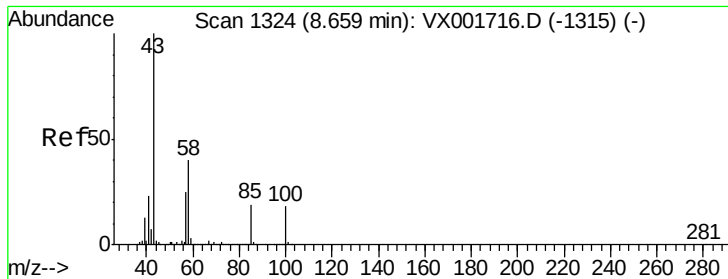
MMDadoda
5/16/2018 11:54:11 AM



#50
Toluene-d8
Concen: 55.22 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 261.09 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion: 43 Resp: 1282619

Ion Ratio Lower Upper

43 100

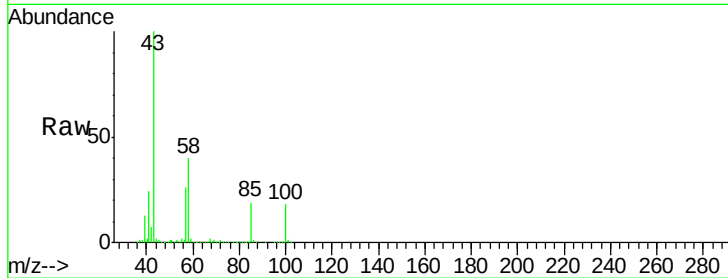
58 39.3 31.4 47.0

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

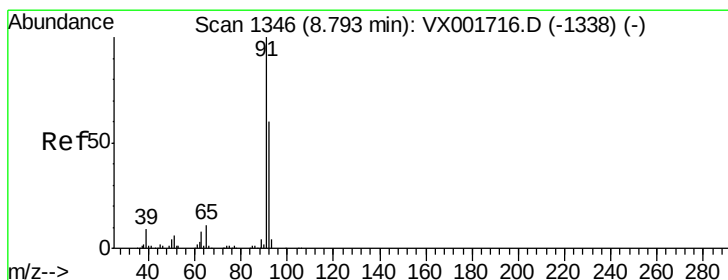
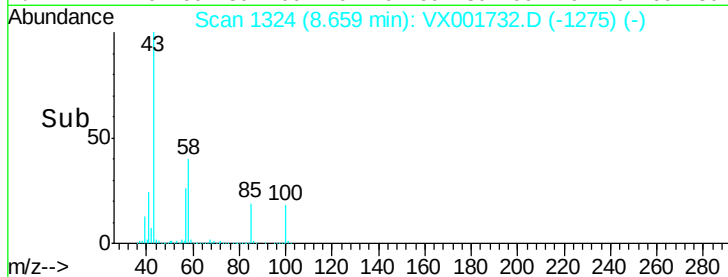
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.39 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001732.D

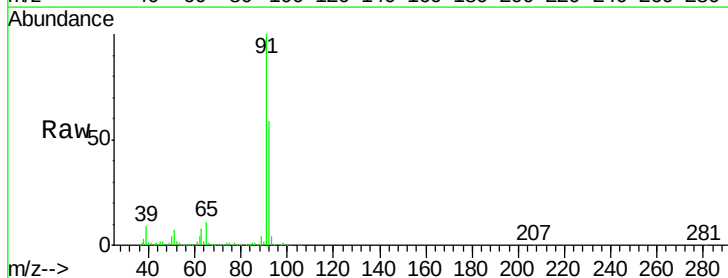
Acq: 15 May 2018 01:50

Tgt Ion: 92 Resp: 462397

Ion Ratio Lower Upper

92 100

91 169.8 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

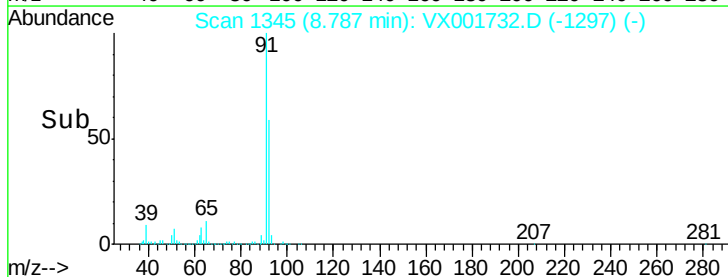
300000

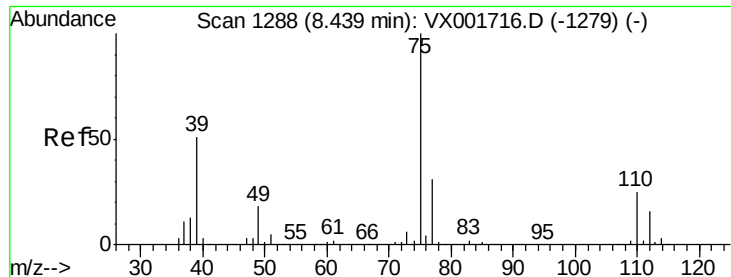
200000

100000

0

Time-->





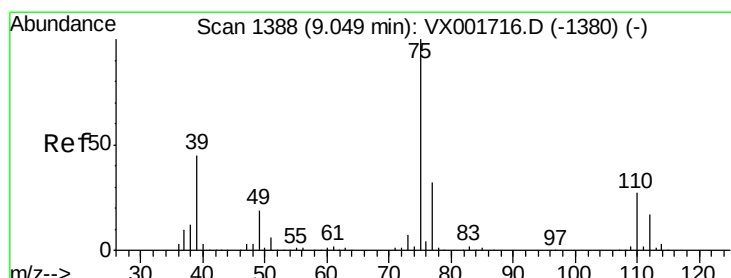
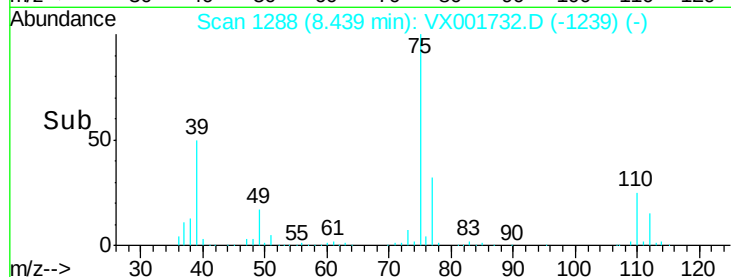
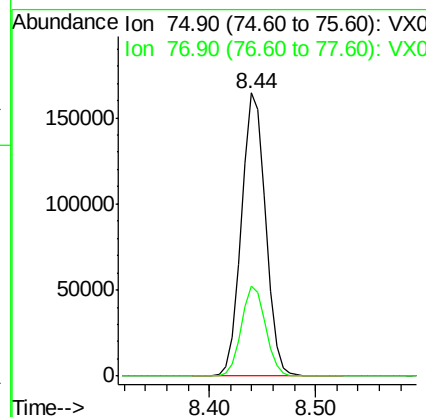
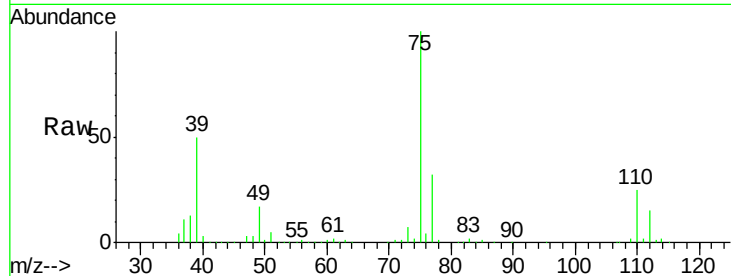
#53
t-1,3-Dichloropropene
Concen: 49.90 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion: 75 Resp: 262850
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6

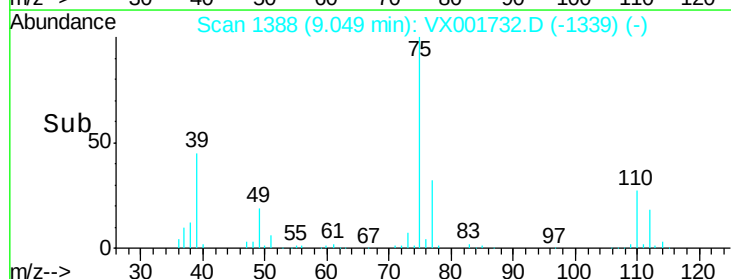
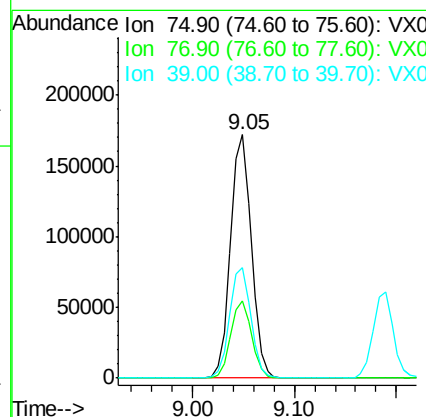
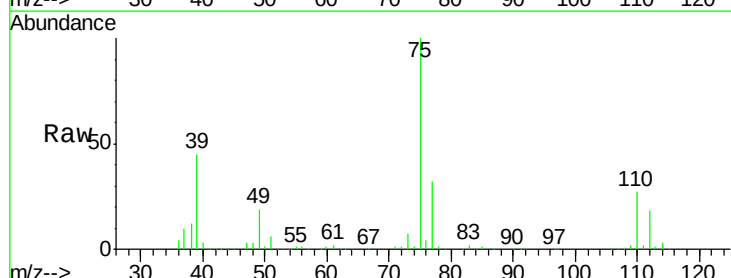
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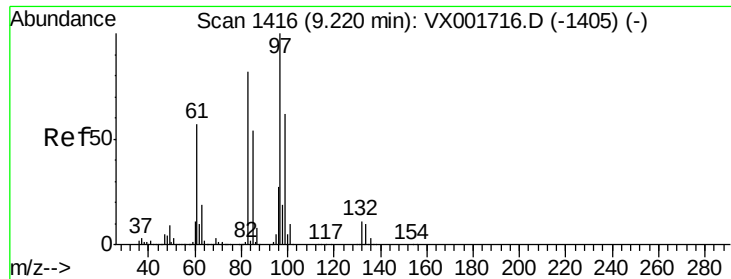
MMDadoda
5/16/2018 11:54:11 AM



#54
cis-1,3-Dichloropropene
Concen: 52.29 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion: 75 Resp: 242796
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
39 45.1 36.1 54.1





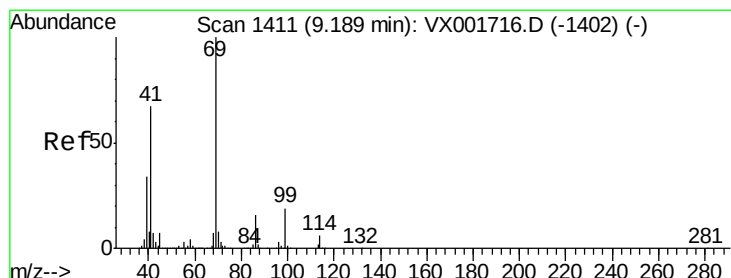
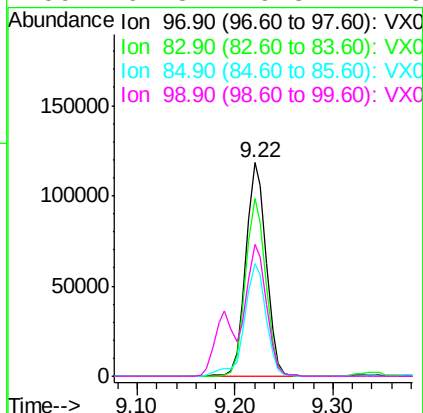
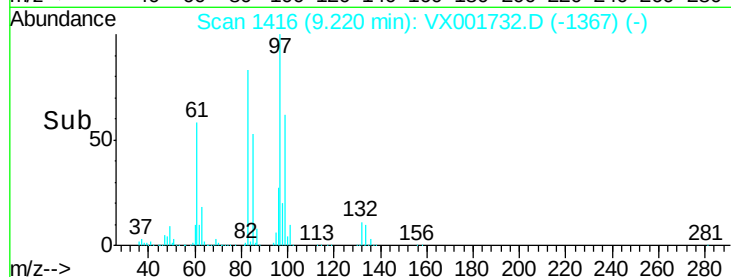
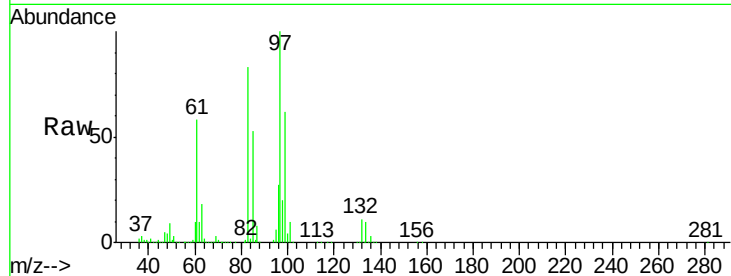
#55
 1,1,2-Trichloroethane
 Concen: 50.04 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	97	Resp	172096
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	52.5	43.4	65.0
99	61.8	49.8	74.6

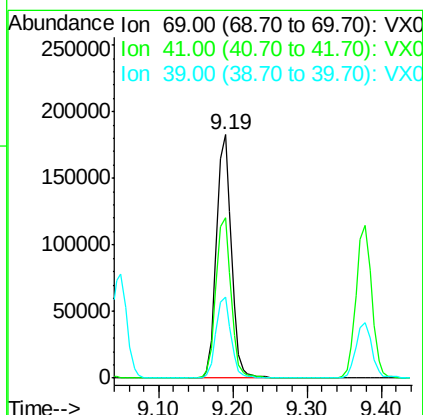
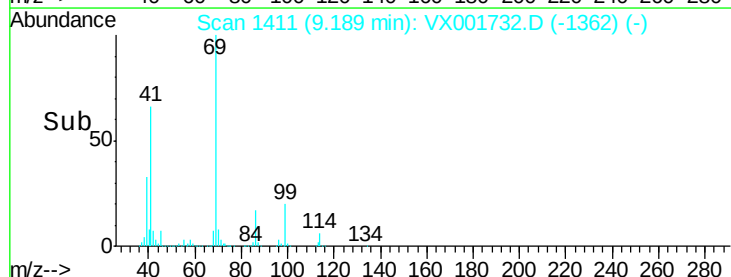
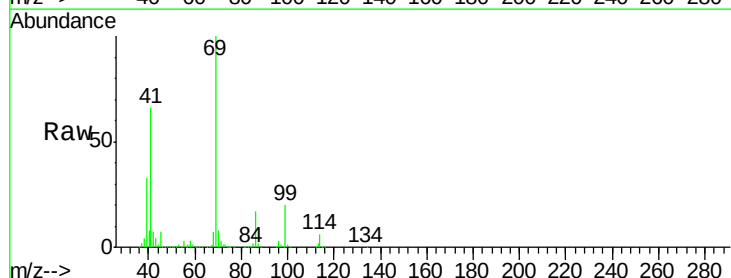
Manual Integrations
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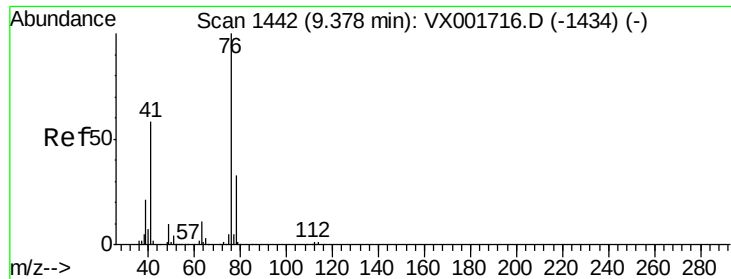
MMDadoda
 5/16/2018 11:54:11 AM



#56
 Ethyl methacrylate
 Concen: 51.63 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	69	Resp	251805
Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.5	80.3
39	33.7	27.2	40.8





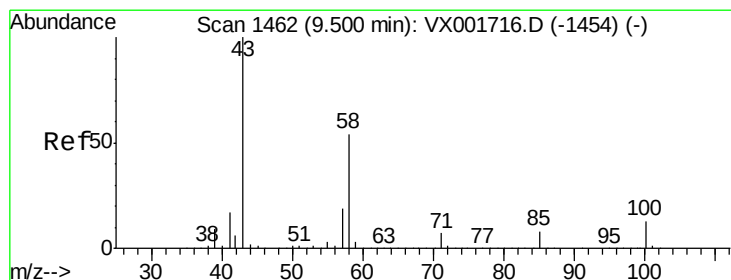
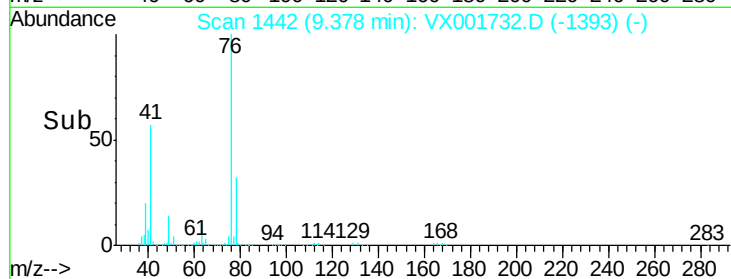
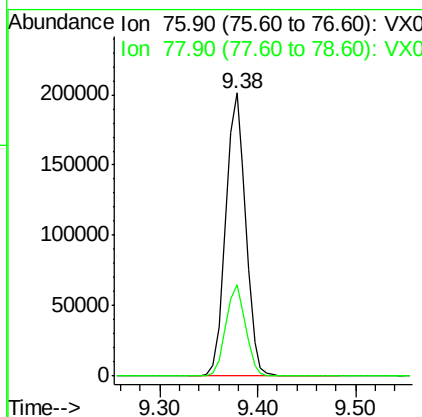
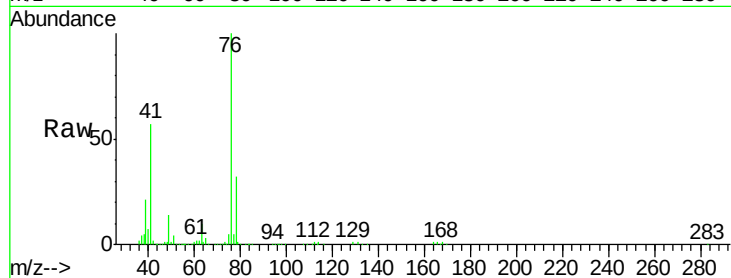
#57
 1,3-Dichloropropane
 Concen: 49.43 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

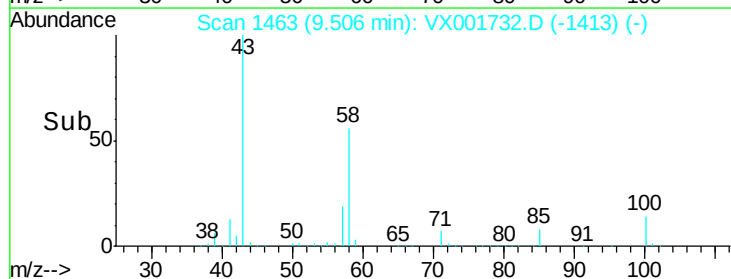
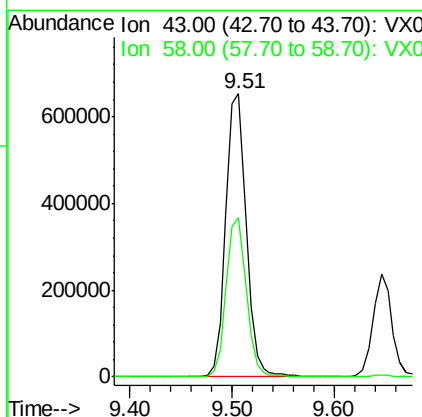
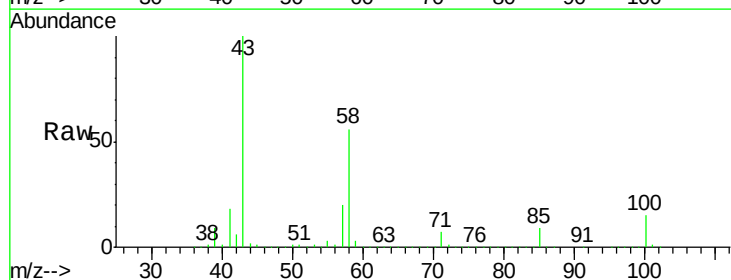
Manual Integrations
 APPROVED

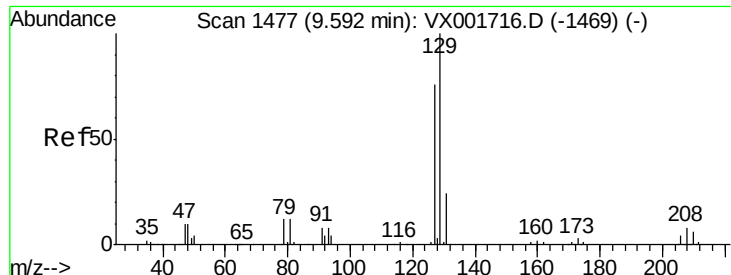
MMDadoda
 5/16/2018 11:54:11 AM



#59
 2-Hexanone
 Concen: 259.25 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.6	27.7	83.1





#60

Dibromochloromethane

Concen: 52.75 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion:129 Resp: 185801

Ion Ratio Lower Upper

129 100

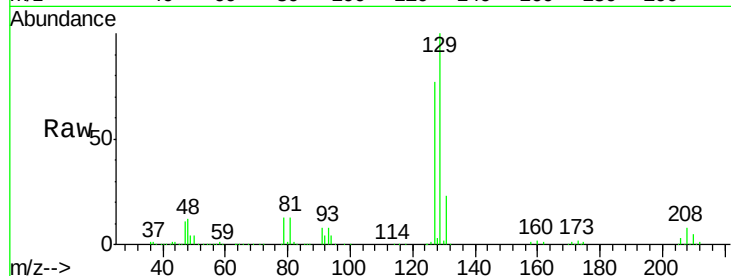
127 77.6 38.7 116.1

Manual Integrations

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MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

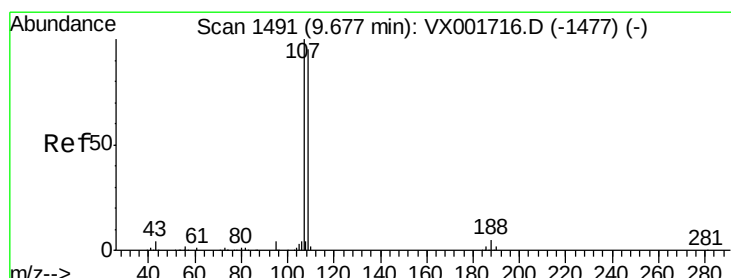
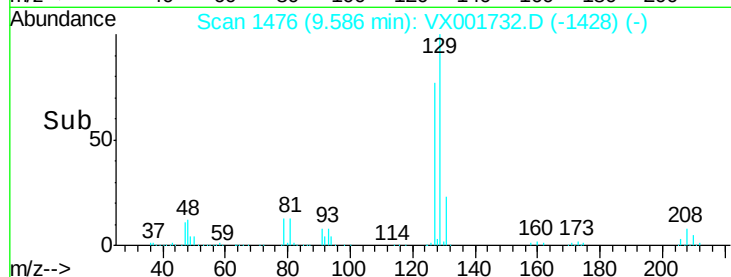
150000

100000

50000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 50.20 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001732.D

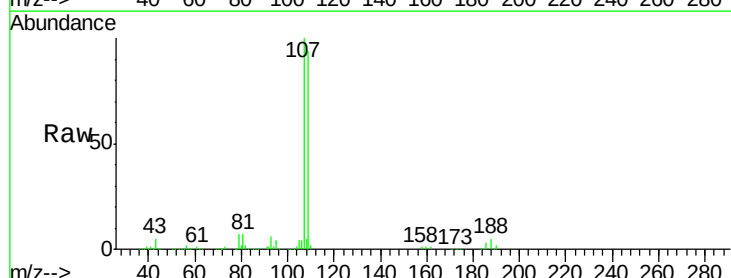
Acq: 15 May 2018 01:50

Tgt Ion:107 Resp: 180742

Ion Ratio Lower Upper

107 100

109 94.4 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

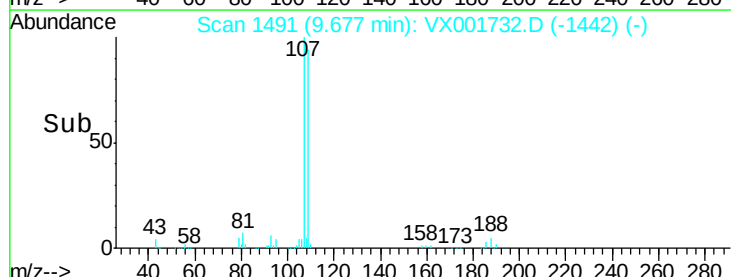
150000

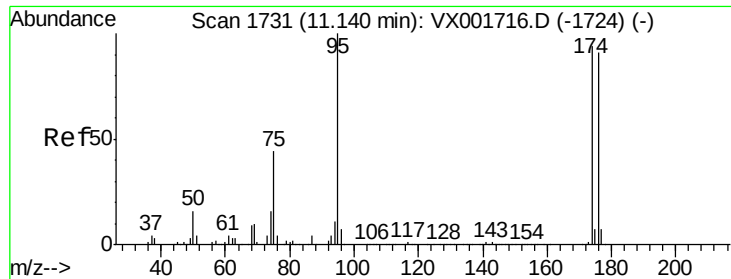
100000

50000

0

Time--> 9.60 9.65 9.70 9.75





#62

4-Bromofluorobenzene

Concen: 52.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

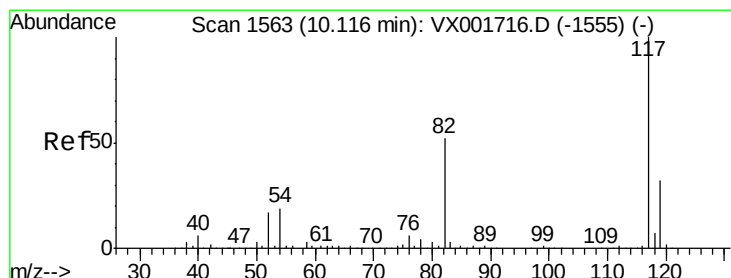
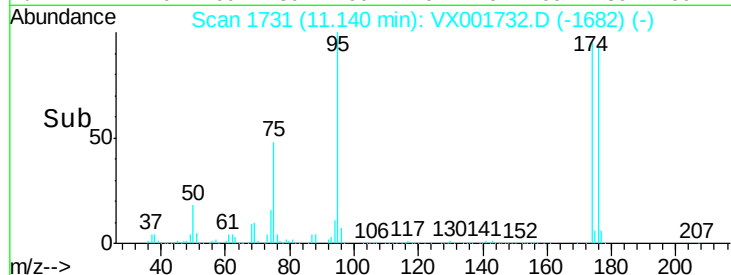
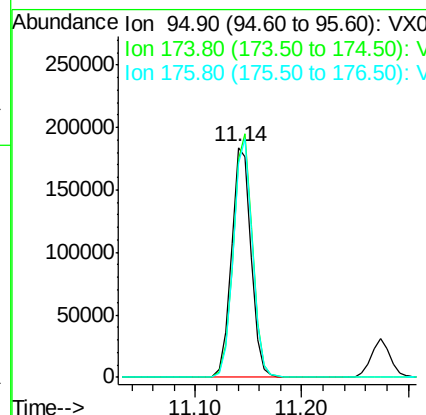
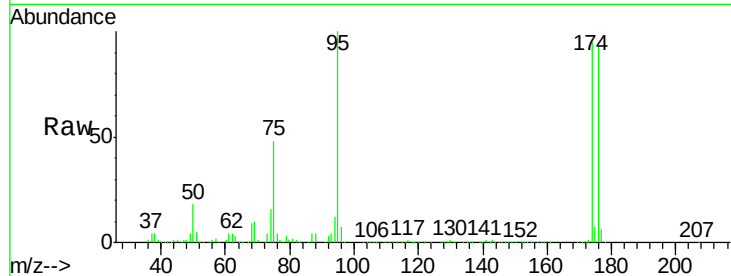
ClientSampled :

MW-03MS

Tot Ion:	95	Resp:	237294
Ion Ratio	Lower	Upper	
95	100		
174	103.1	0.0	201.8
176	100.8	0.0	196.8

Manual Integrations
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5/16/2018 11:54:11 AM



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

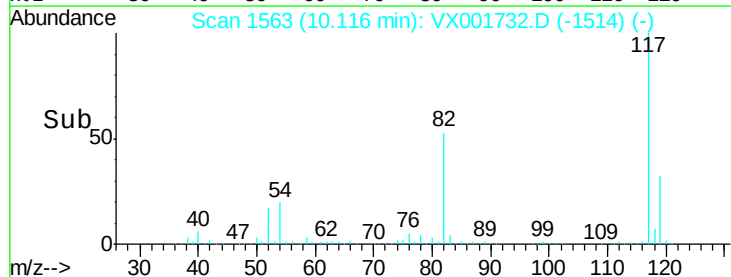
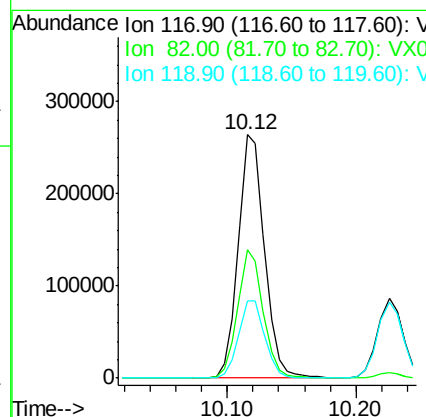
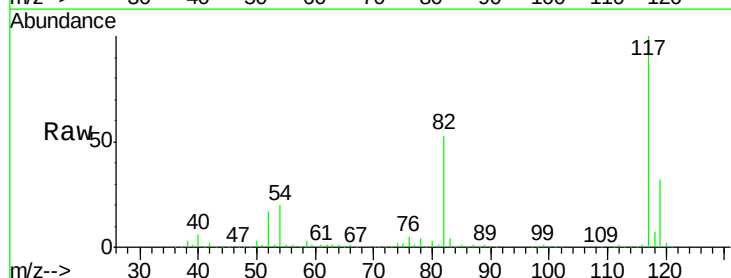
RT: 10.12 min Scan# 1563

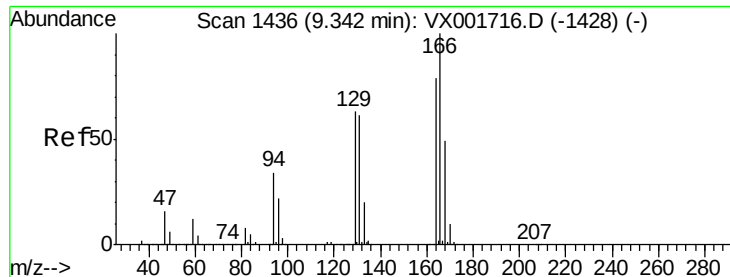
Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Tgt Ion:	117	Resp:	375111
Ion Ratio	Lower	Upper	
117	100		
82	52.9	41.4	62.2
119	31.8	25.6	38.4





#64

Tetrachloroethene

Concen: 45.38 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion:164 Resp: 221596

Ion Ratio Lower Upper

164 100

166 131.3 101.8 152.8

129 82.1 63.8 95.6

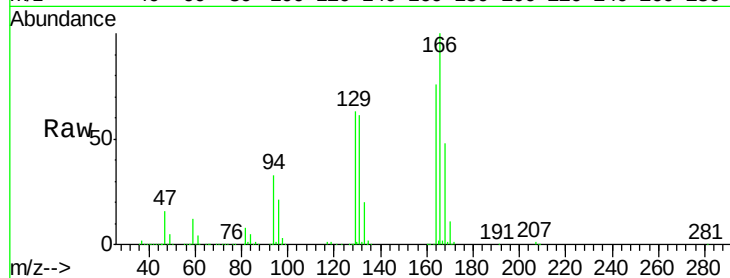
131 80.0 62.2 93.2

Manual Integrations

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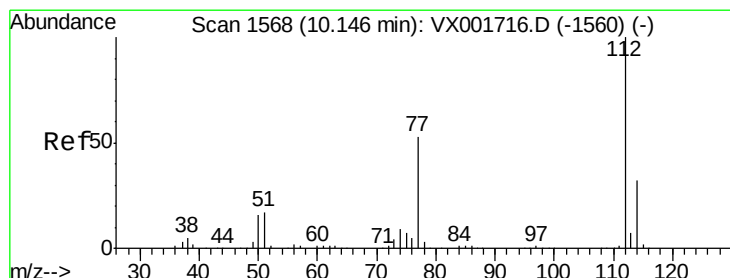
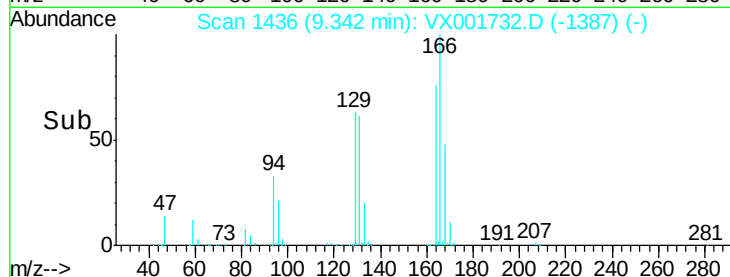
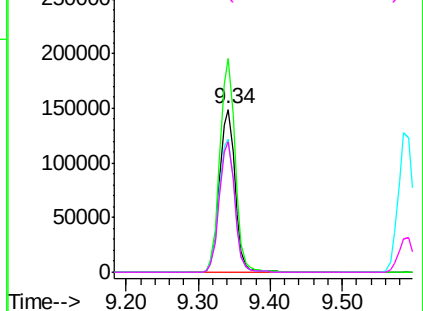


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.72 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001732.D

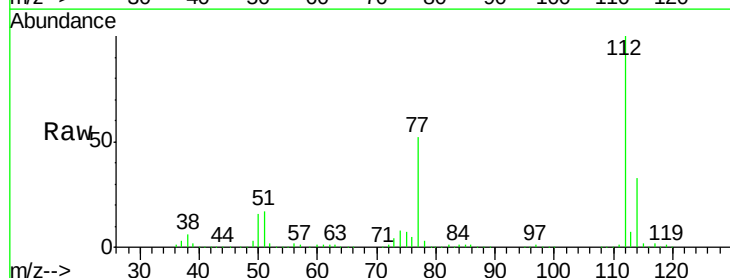
Acq: 15 May 2018 01:50

Tgt Ion:112 Resp: 492357

Ion Ratio Lower Upper

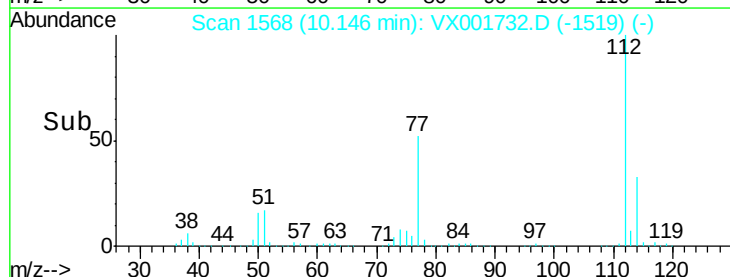
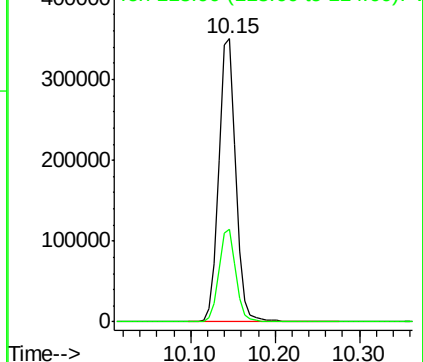
112 100

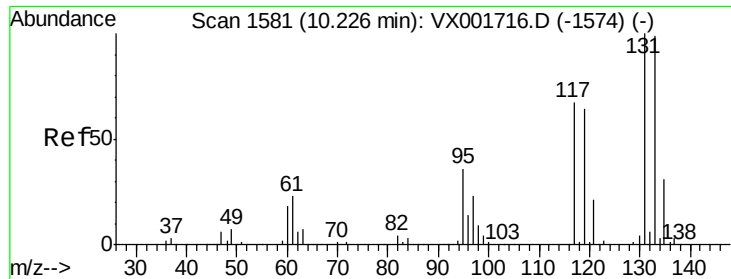
114 32.5 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.68 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion:131 Resp: 181059

Ion Ratio Lower Upper

131 100

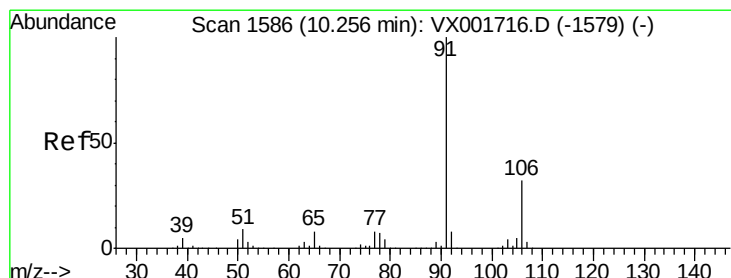
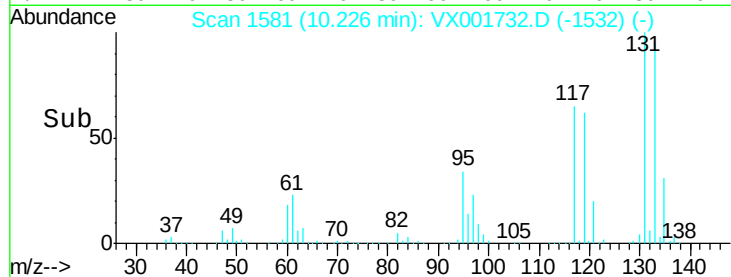
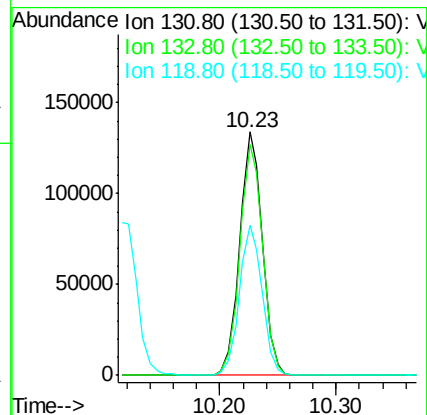
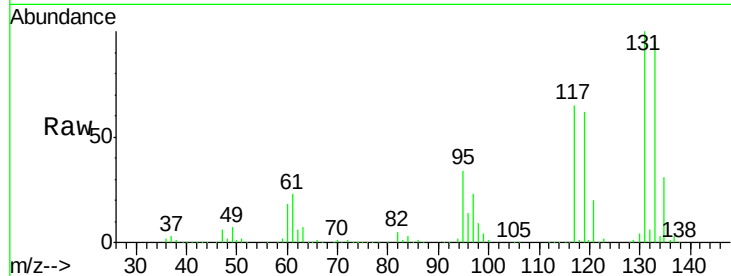
133 95.5 48.5 145.6

119 62.2 31.9 95.5

Manual Integrations
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#67

Ethyl Benzene

Concen: 49.13 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001732.D

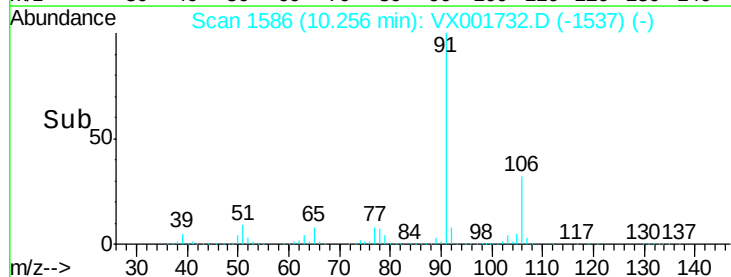
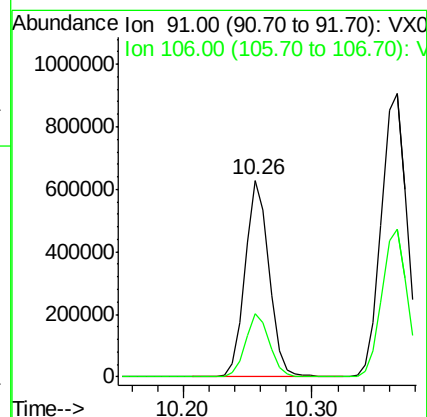
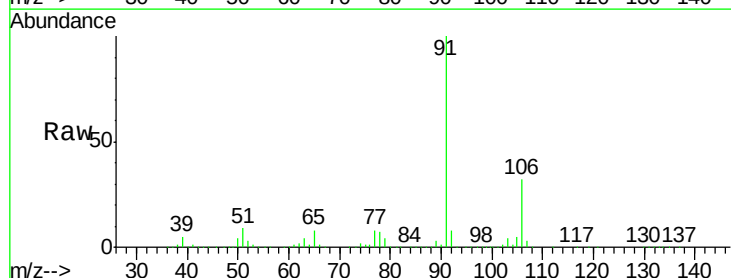
Acq: 15 May 2018 01:50

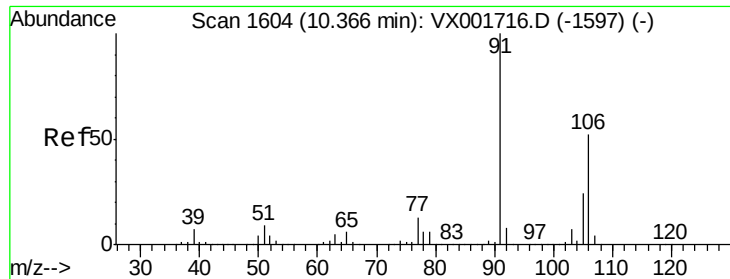
Tgt Ion: 91 Resp: 810206

Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5





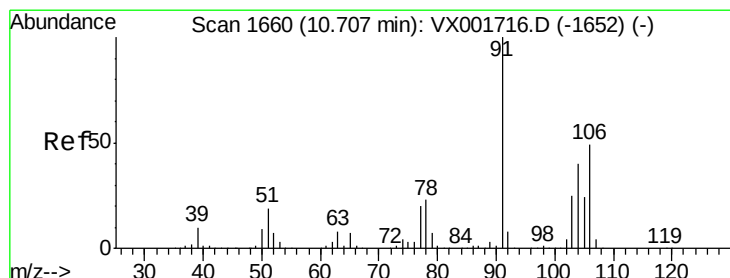
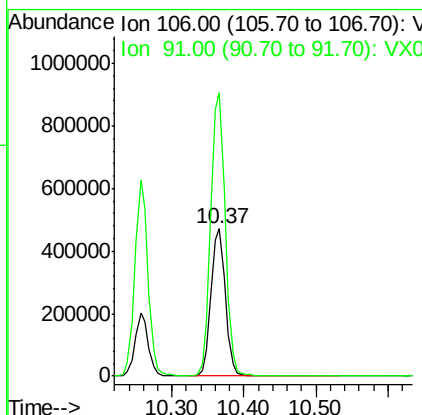
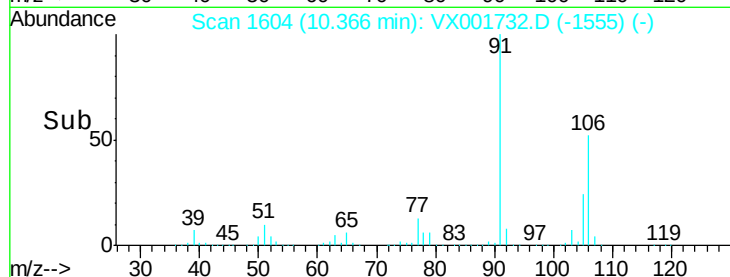
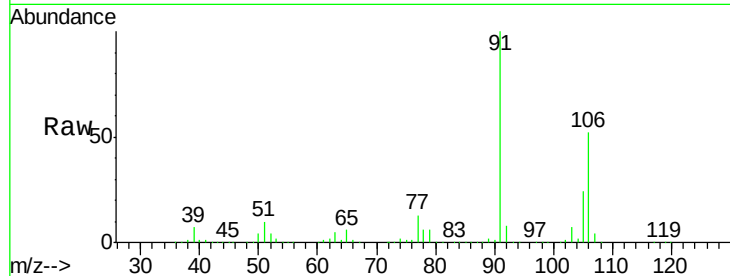
#68
m/p-Xylenes
Concen: 99.54 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion:106 Resp: 647603
Ion Ratio Lower Upper
106 100
91 193.8 155.4 233.2

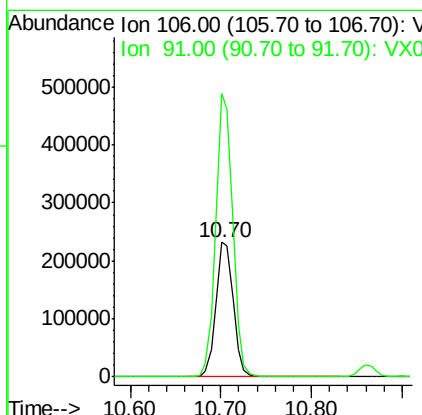
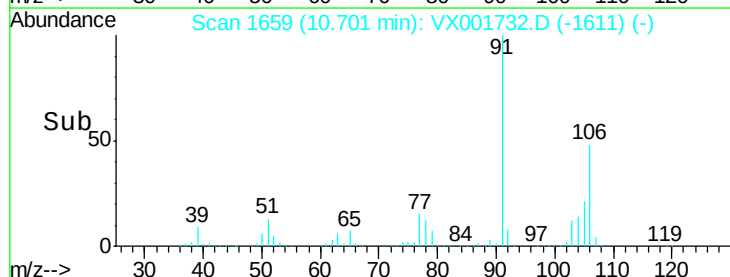
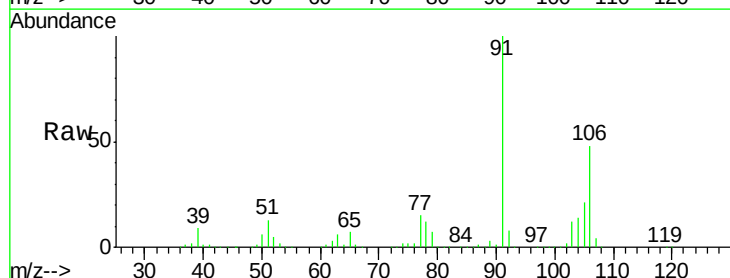
Manual Integrations
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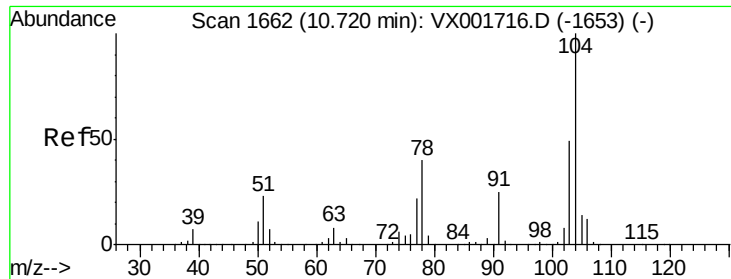
MMDadoda
5/16/2018 11:54:11 AM



#69
o-Xylene
Concen: 50.26 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion:106 Resp: 313144
Ion Ratio Lower Upper
106 100
91 206.2 103.4 310.2





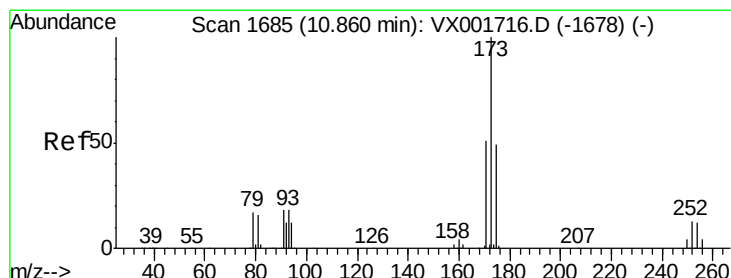
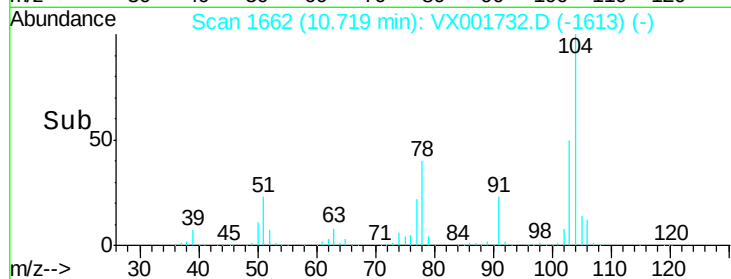
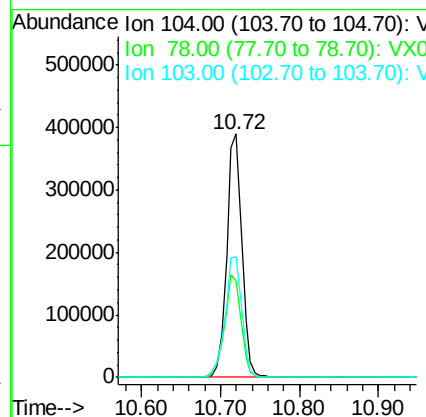
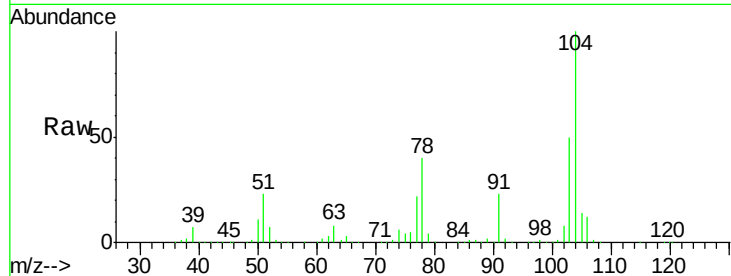
#70
Stvrene
Concen: 50.41 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.5	37.3	55.9
103	55.0	43.7	65.5

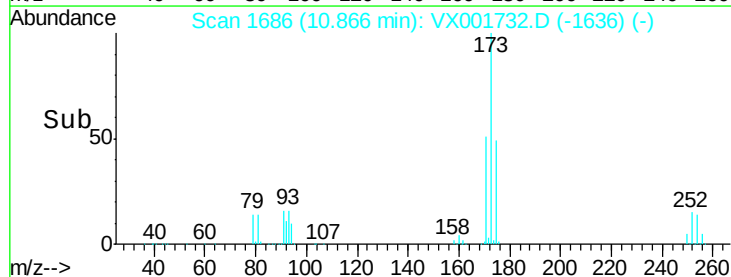
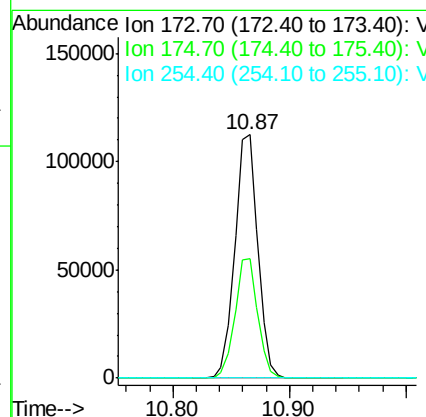
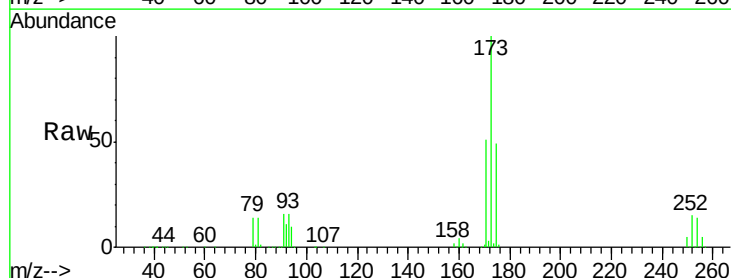
Manual Integrations
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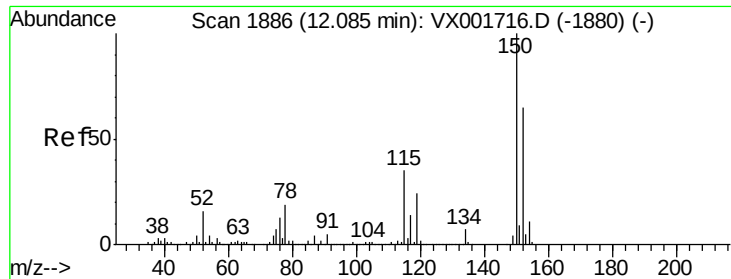
MMDadoda
5/16/2018 11:54:11 AM



#71
Bromoform
Concen: 45.80 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion:152 Resp: 250078

Ion Ratio Lower Upper

152 100

115 74.2 37.4 112.2

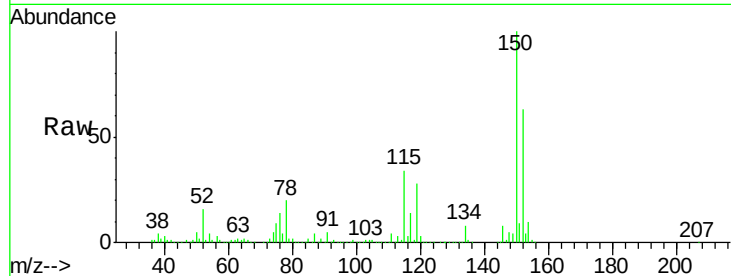
150 174.8 0.0 344.8

Manual Integrations

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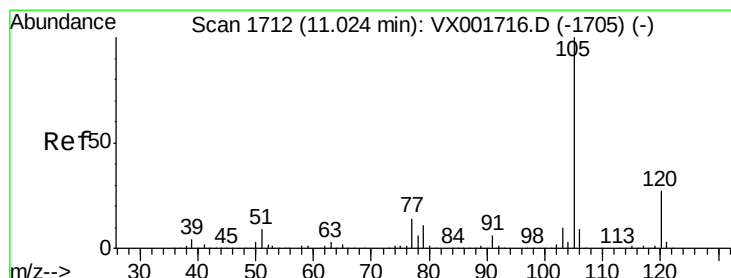
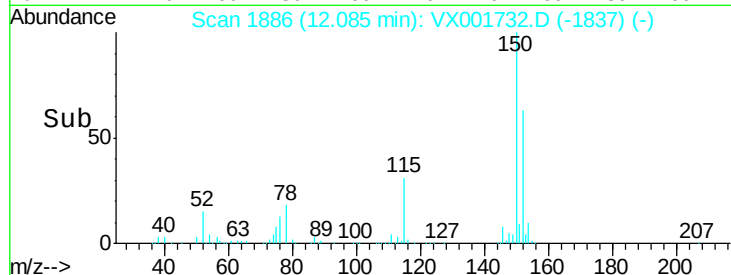
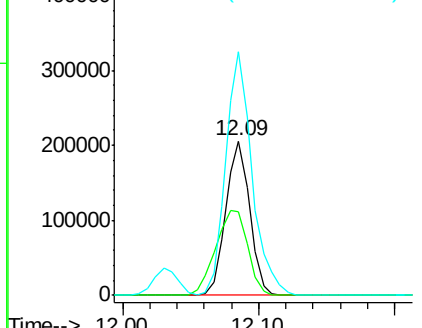
5/16/2018 11:54:11 AM



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: 50.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001732.D

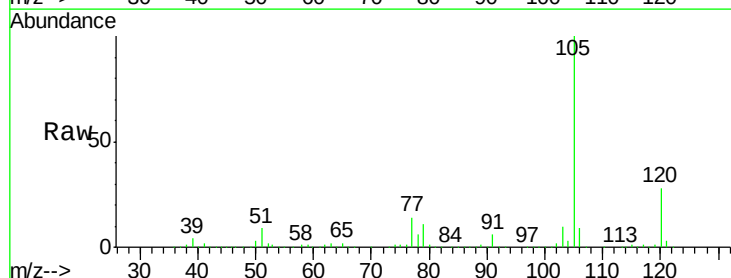
Acq: 15 May 2018 01:50

Tgt Ion:105 Resp: 829759

Ion Ratio Lower Upper

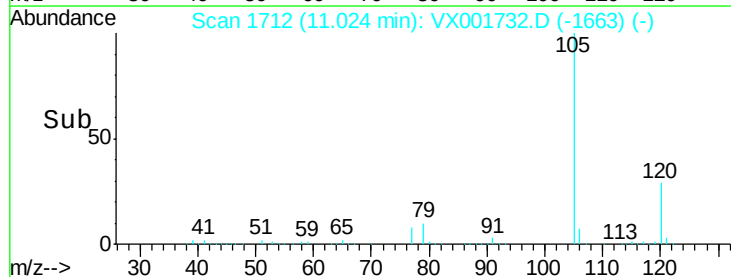
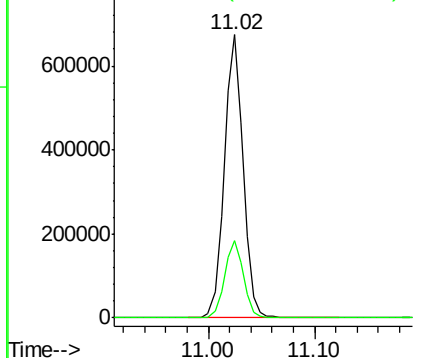
105 100

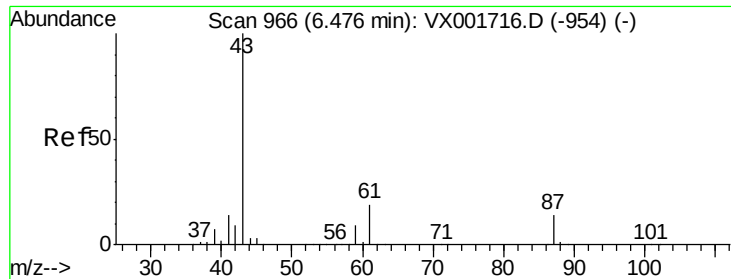
120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.39 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

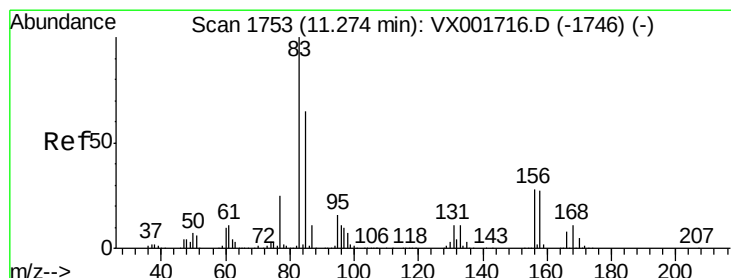
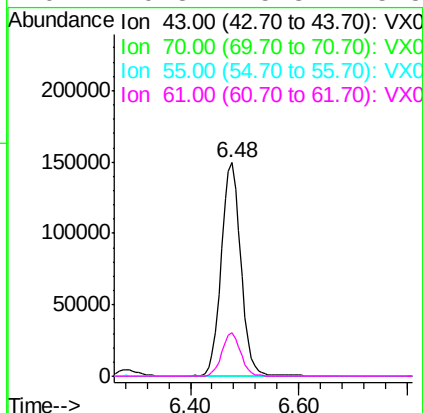
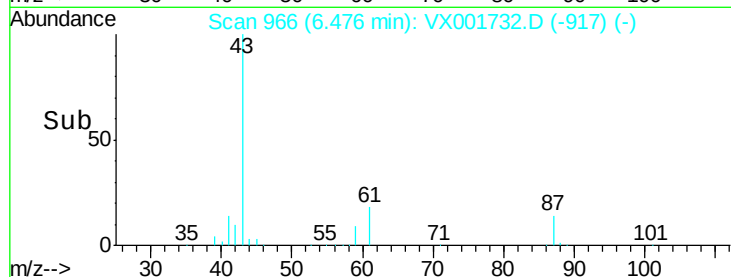
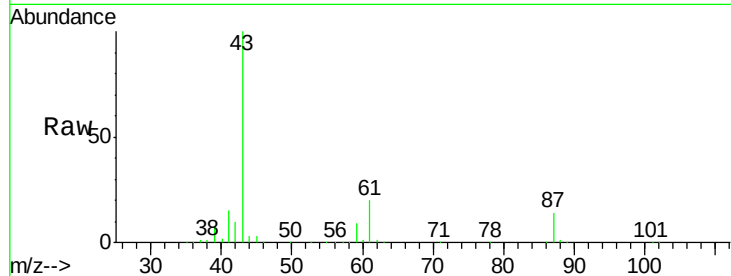
ClientSampleId :

MW-03MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	0.0	0.0	0.0	
55	0.1	0.1	0.1	
61	19.8	15.8	23.8	

Manual Integrations
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5/16/2018 11:54:11 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 49.12 ug/l

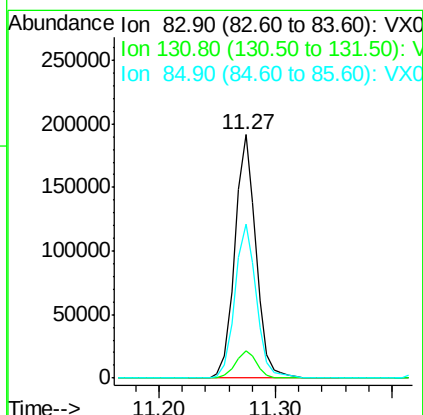
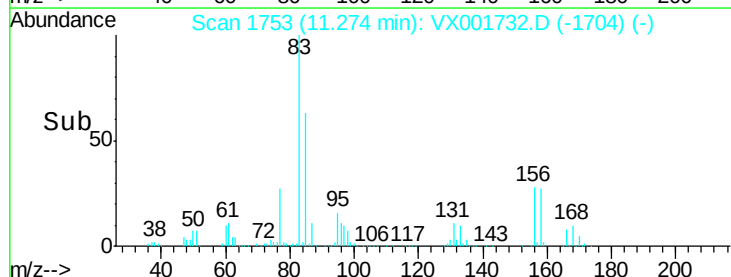
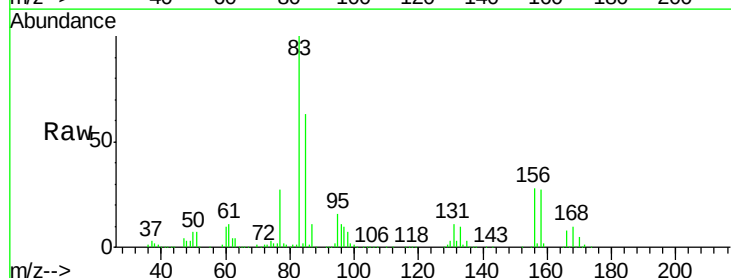
RT: 11.27 min Scan# 1753

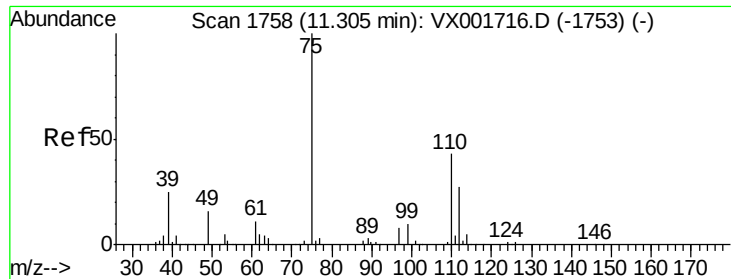
Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.4	5.7	17.0	
85	64.4	32.7	98.1	





#76

1,2,3-Trichloropropane

Concen: 49.01 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampled :

MW-03MS

Tot Ion: 75 Resp: 233083

Ion Ratio Lower Upper

75 100

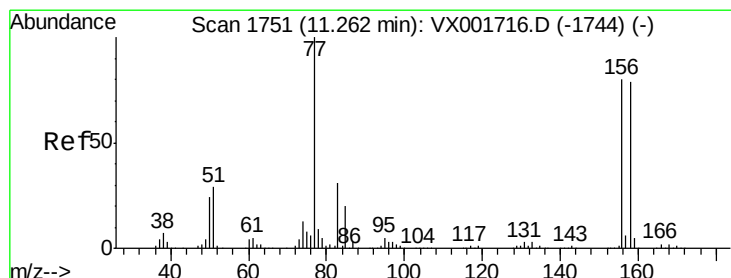
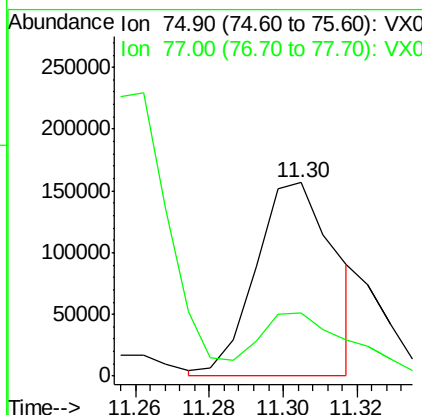
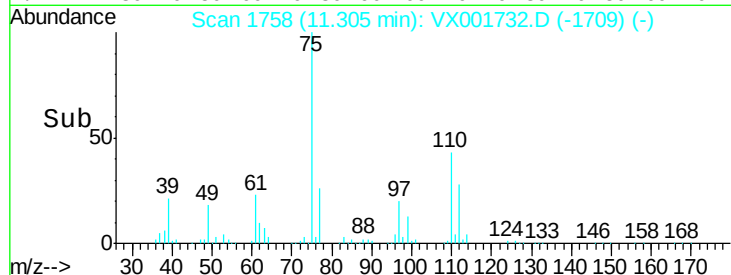
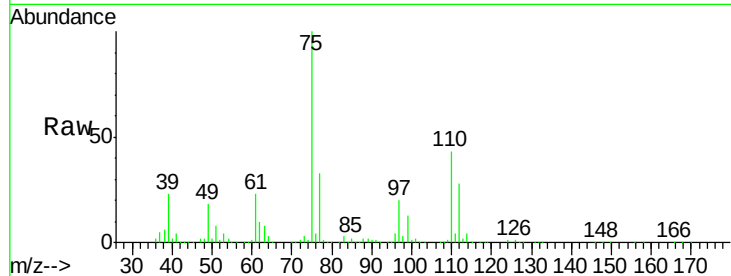
77 37.4 18.9 56.7

Manual Integrations

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5/16/2018 11:54:11 AM



#77

Bromobenzene

Concen: 49.03 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

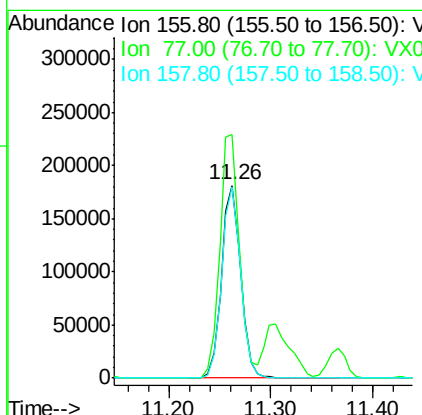
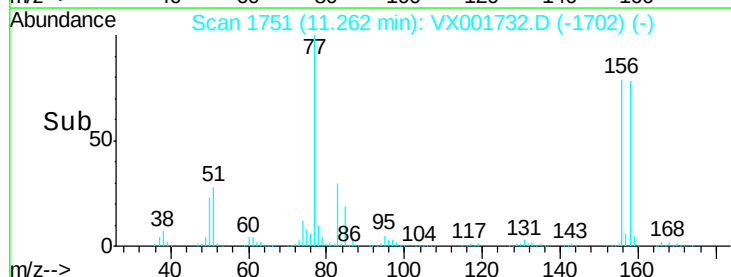
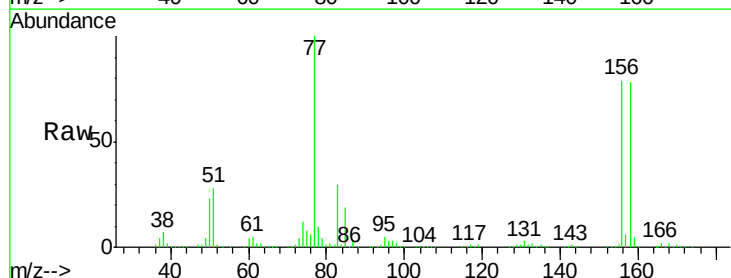
Tgt Ion: 156 Resp: 237288

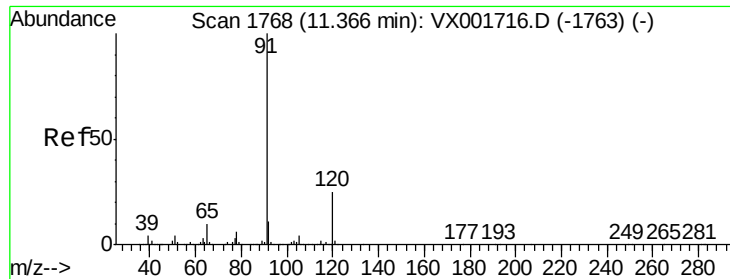
Ion Ratio Lower Upper

156 100

77 131.1 65.3 196.0

158 98.5 49.1 147.3





#78

n-propylbenzene

Concen: 49.80 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

ClientSampleId :

MW-03MS

Tot Ion: 91 Resp: 924020

Ion Ratio Lower Upper

91 100

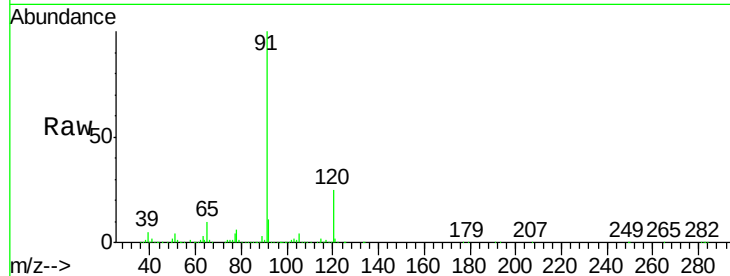
120 24.9 12.5 37.5

Manual Integrations

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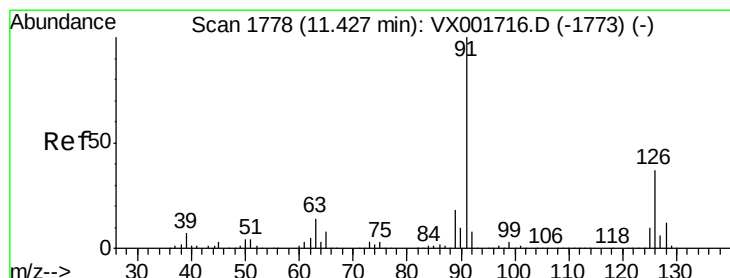
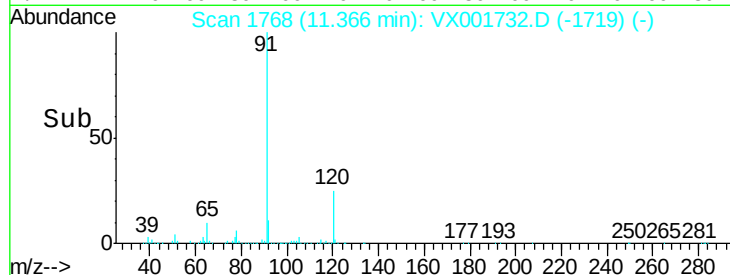
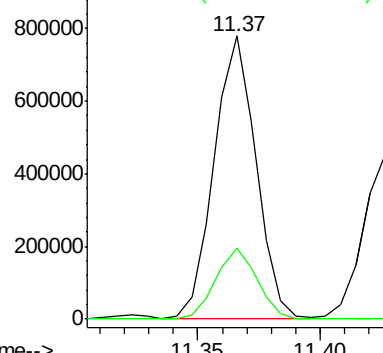
MMDadoda

5/16/2018 11:54:11 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 49.51 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001732.D

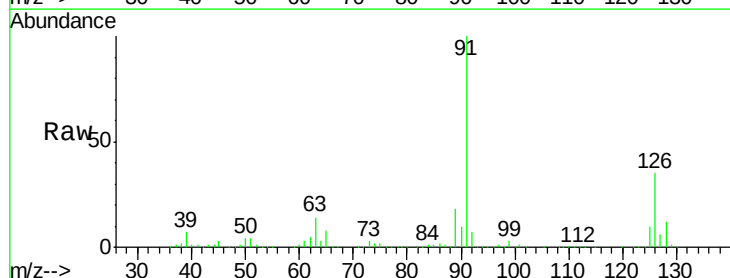
Acq: 15 May 2018 01:50

Tgt Ion: 91 Resp: 549411

Ion Ratio Lower Upper

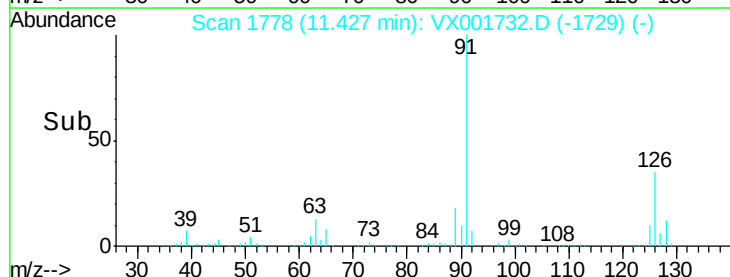
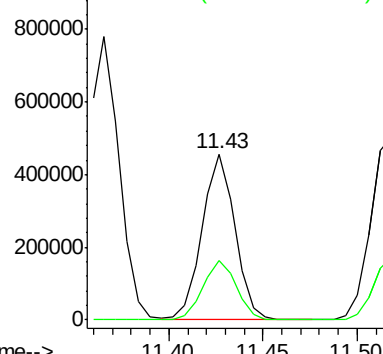
91 100

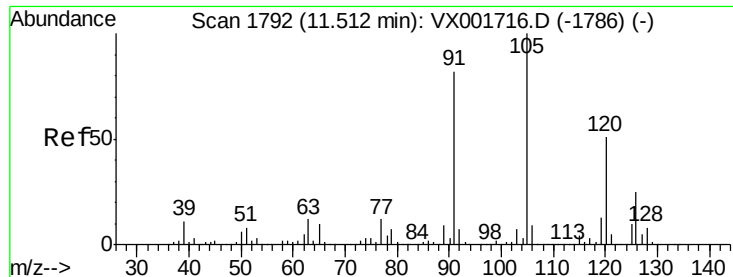
126 36.6 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





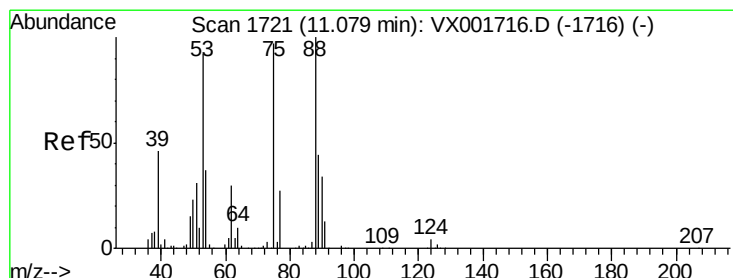
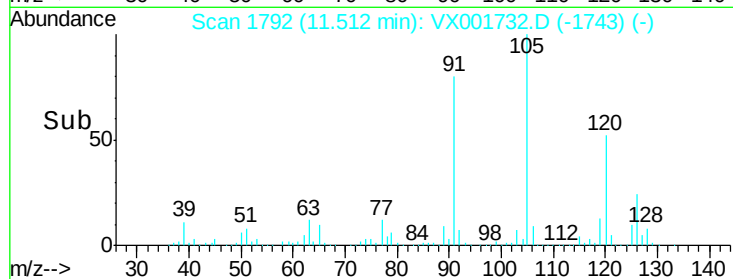
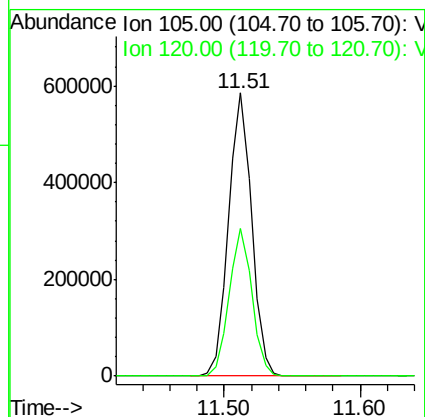
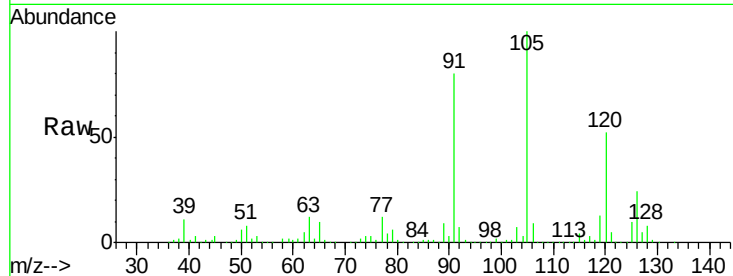
#80
 1,3,5-Trimethylbenzene
 Concen: 50.91 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion:105 Resp: 687785
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.7 77.0

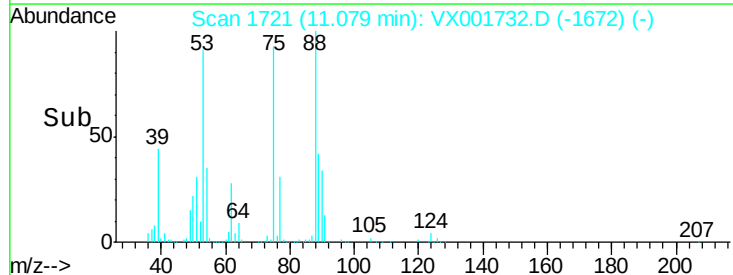
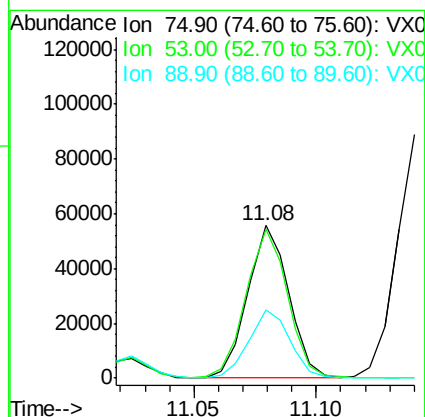
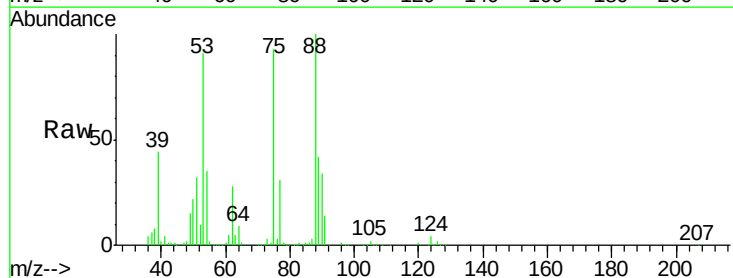
Manual Integrations
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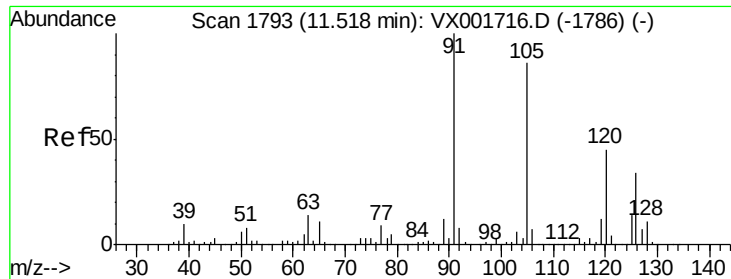
MMDadoda
 5/16/2018 11:54:11 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.09 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion: 75 Resp: 64570
 Ion Ratio Lower Upper
 75 100
 53 100.6 79.4 119.2
 89 45.6 38.8 58.2





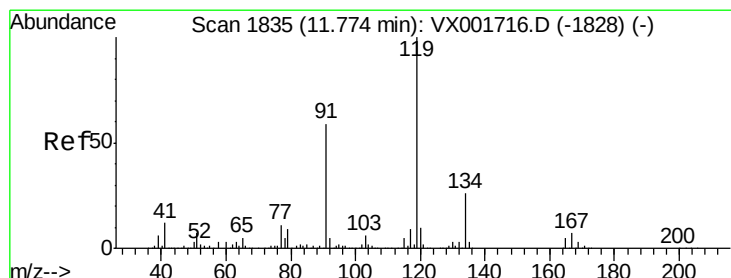
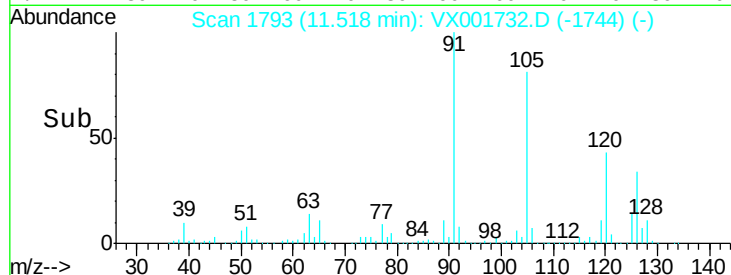
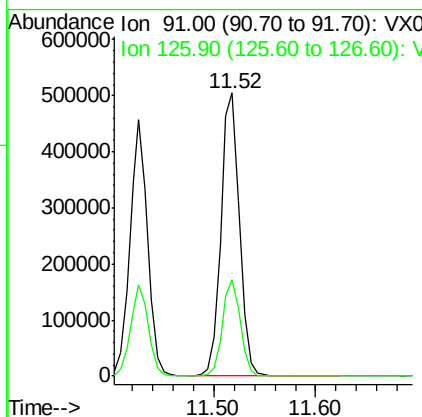
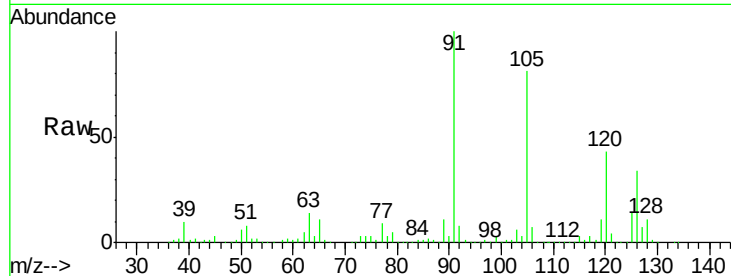
#82
4-Chlorotoluene
Concen: 48.91 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampled :
MW-03MS

Tot Ion: 91 Resp: 639400
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

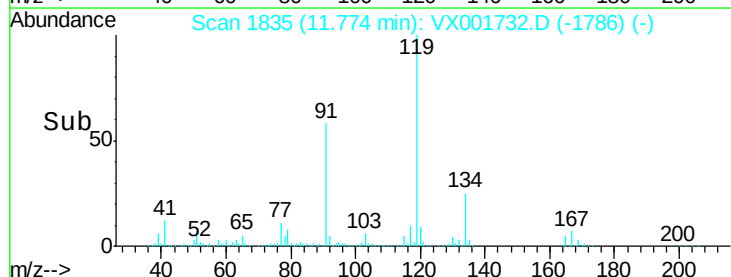
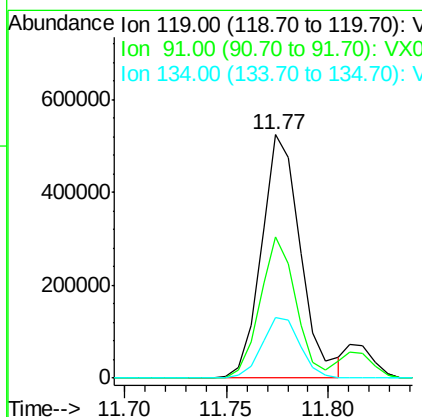
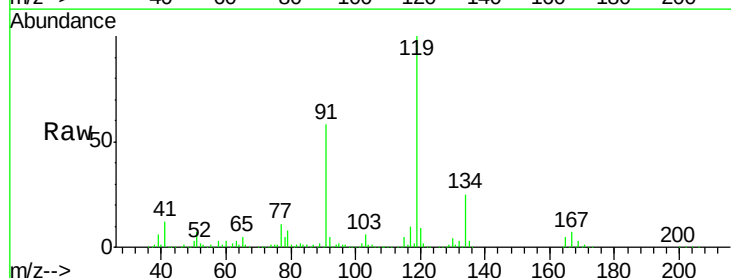
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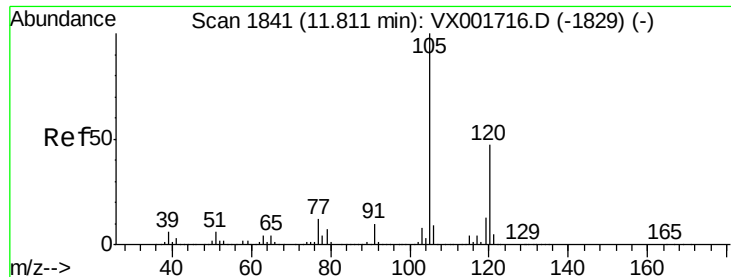
MMDadoda
5/16/2018 11:54:11 AM



#83
tert-Butylbenzene
Concen: 51.98 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion: 119 Resp: 698920
Ion Ratio Lower Upper
119 100
91 53.3 27.7 83.0
134 24.4 12.7 38.1





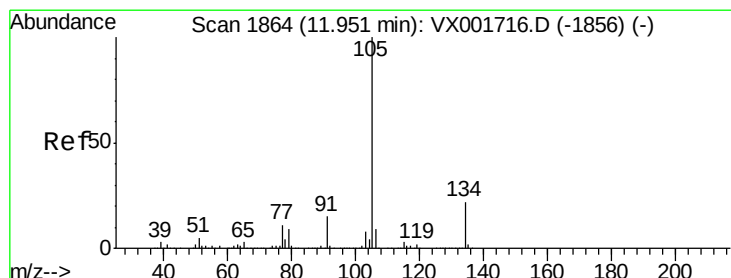
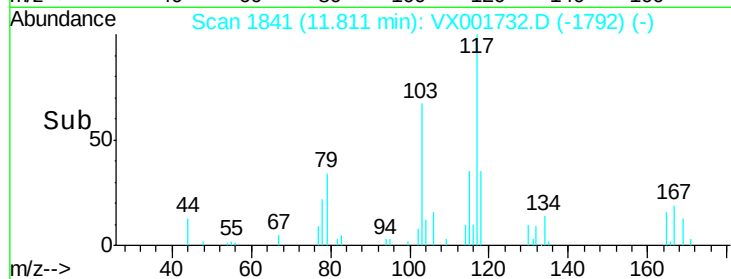
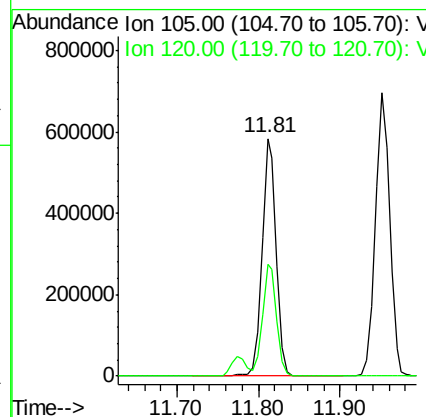
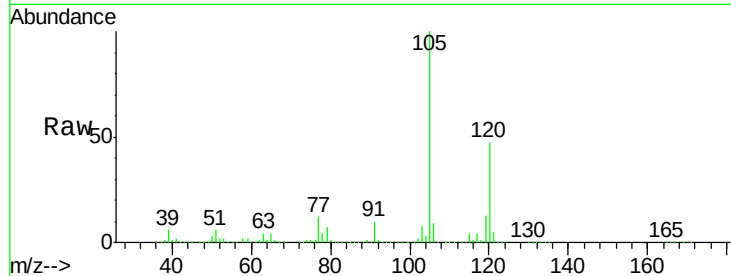
#84
 1,2,4-Trimethylbenzene
 Concen: 51.28 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampled :
 MW-03MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.5	70.5

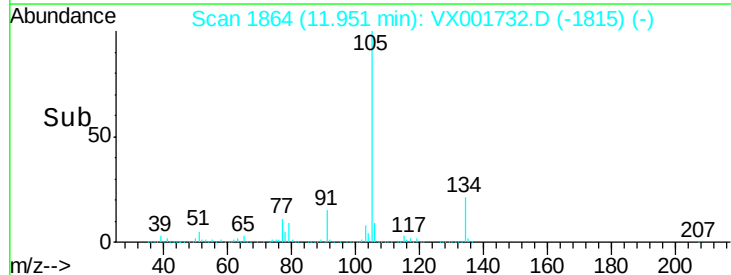
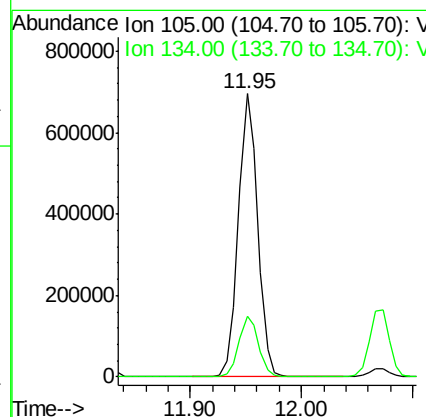
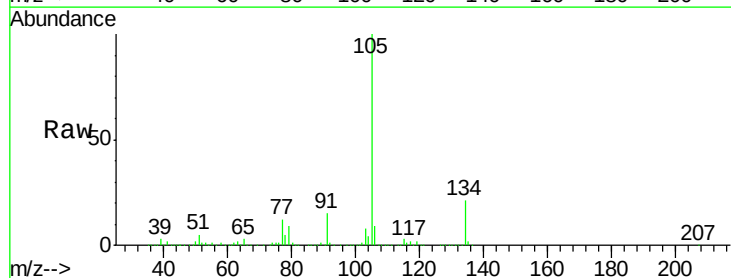
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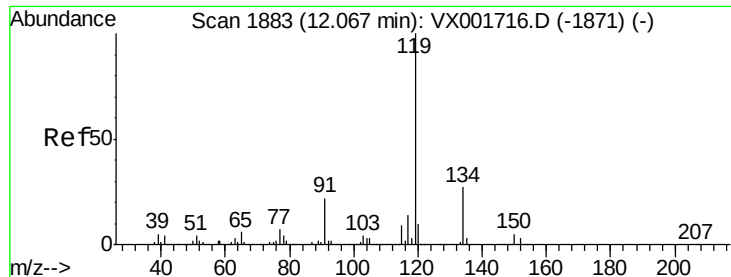
MMDadoda
 5/16/2018 11:54:11 AM



#85
 sec-Butylbenzene
 Concen: 50.14 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.7	10.9	32.6





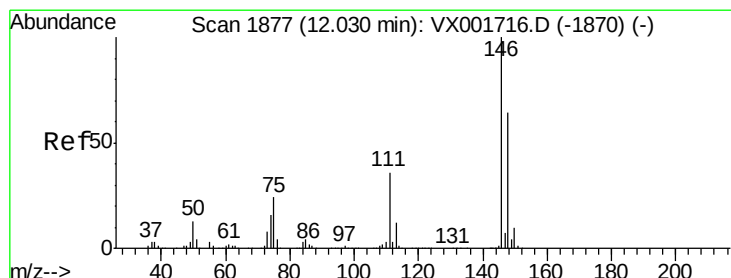
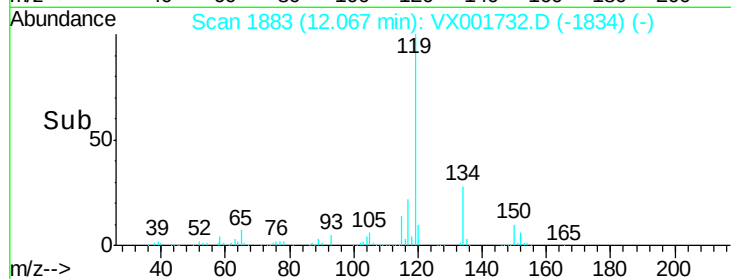
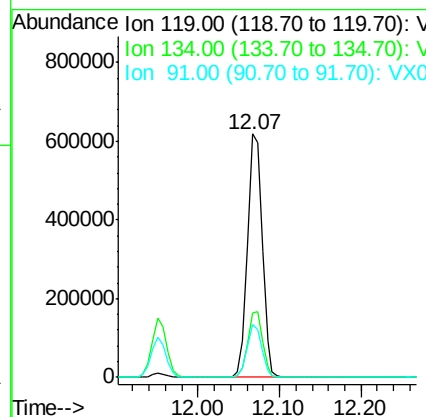
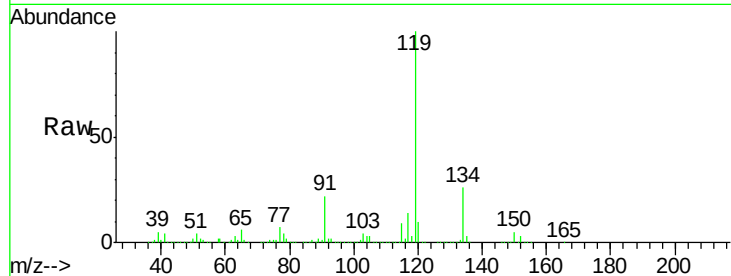
#86
 p-Isopropyltoluene
 Concen: 49.99 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	767738		
134	27.0		13.6	40.8
91	21.1		10.7	32.1

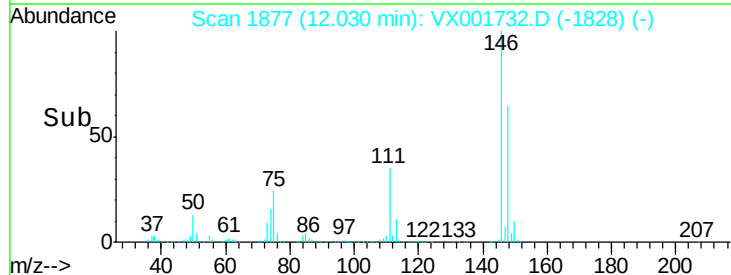
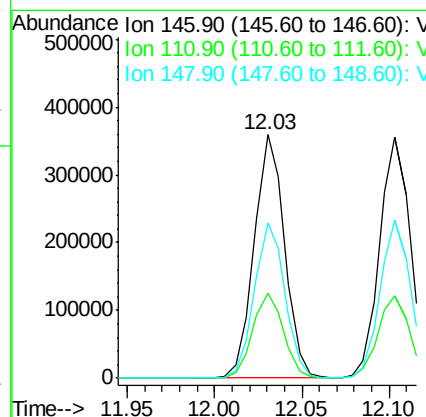
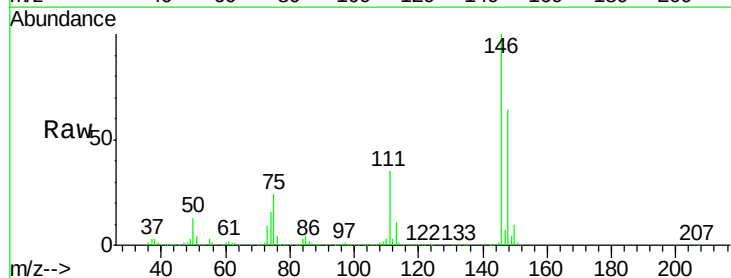
Manual Integrations
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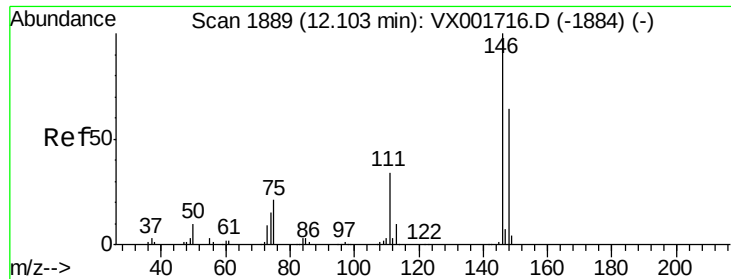
MMDadoda
 5/16/2018 11:54:11 AM



#87
 1,3-Dichlorobenzene
 Concen: 48.46 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	433690		
111	35.3		17.8	53.4
148	64.4		32.1	96.3





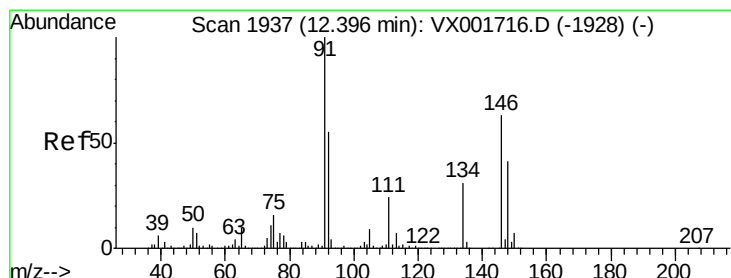
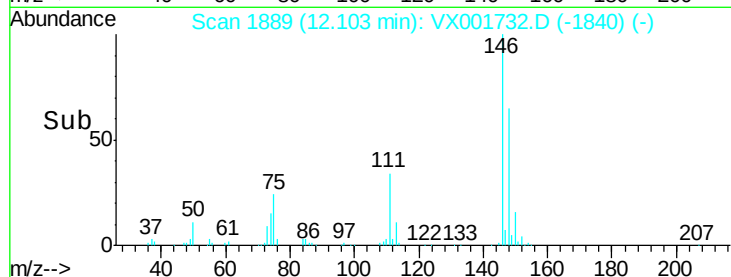
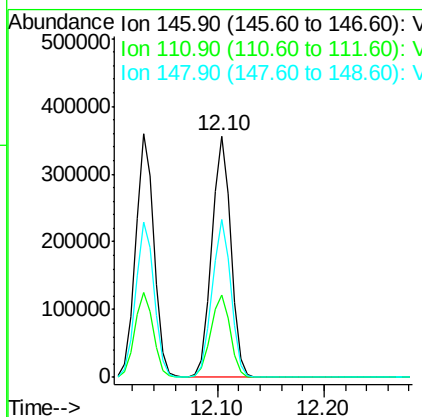
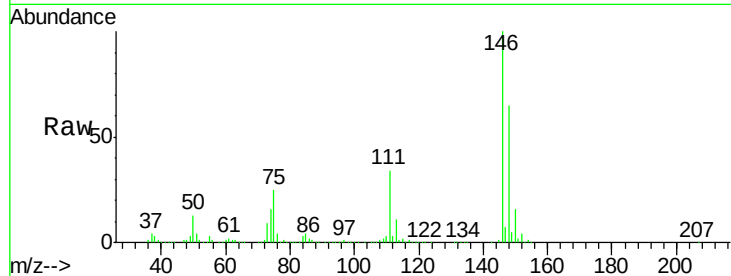
#88
 1,4-Dichlorobenzene
 Concen: 47.05 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.1	17.3	52.0
148	64.7	32.3	96.9

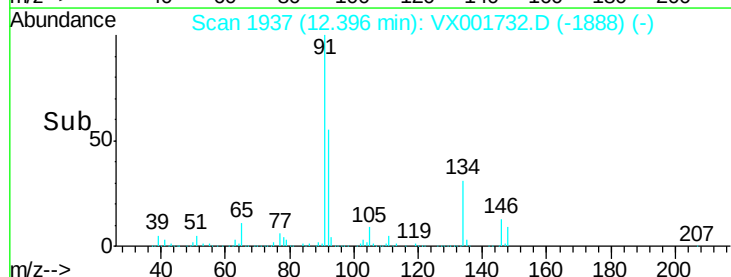
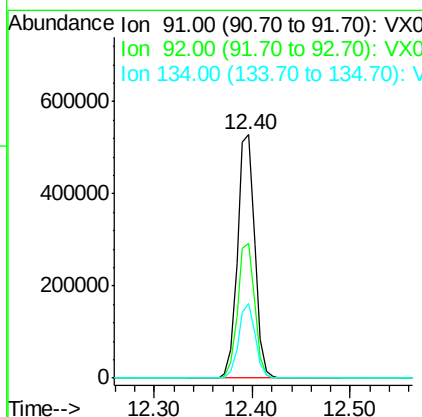
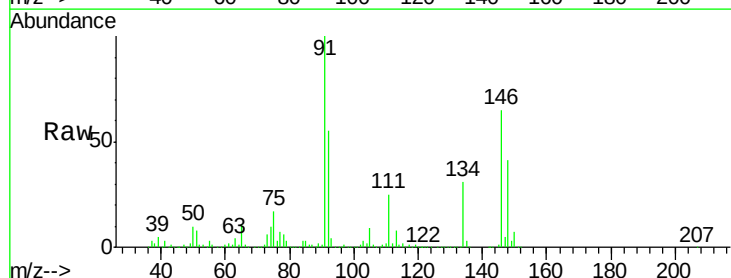
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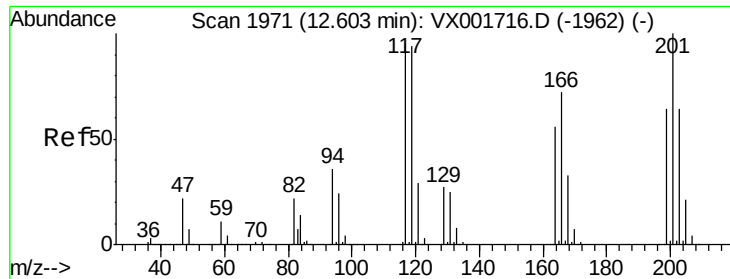
MMDadoda
 5/16/2018 11:54:11 AM



#89
 n-Butylbenzene
 Concen: 48.28 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.3	81.9
134	29.4	14.7	44.1





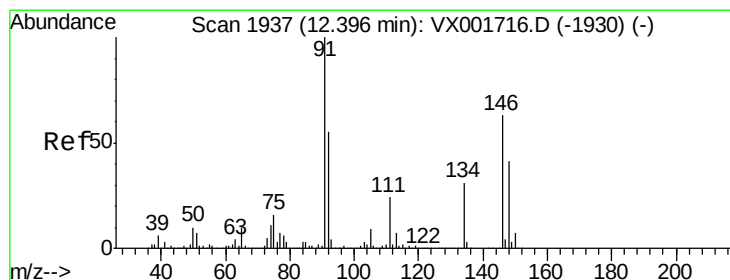
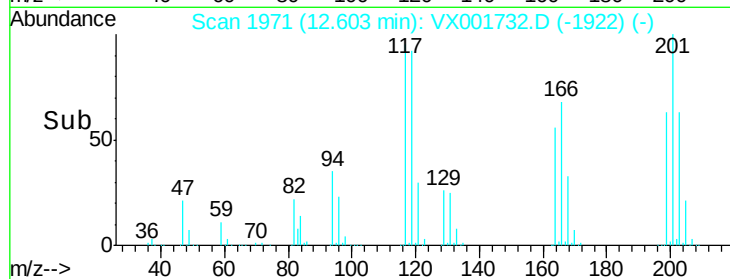
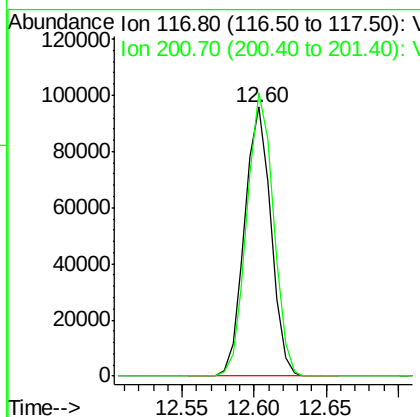
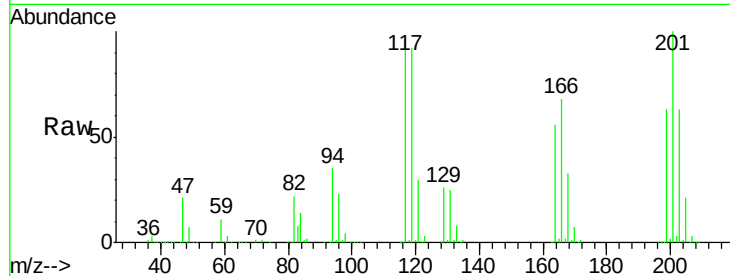
#90
Hexachloroethane
Concen: 50.93 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Instrument :
MSVOA_X
ClientSampleId :
MW-03MS

Tot Ion:117 Resp: 121475
Ion Ratio Lower Upper
117 100
201 106.0 51.9 155.7

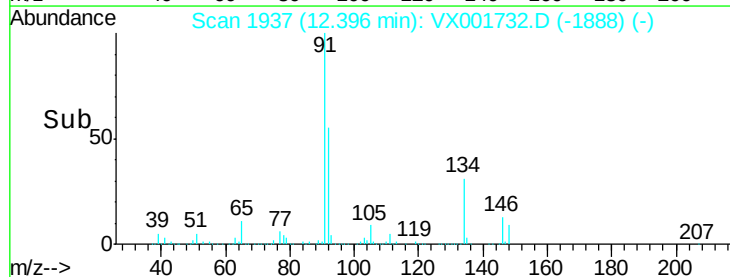
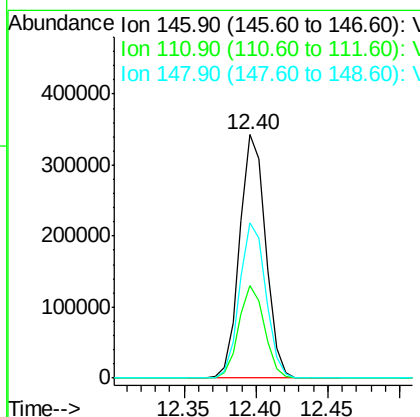
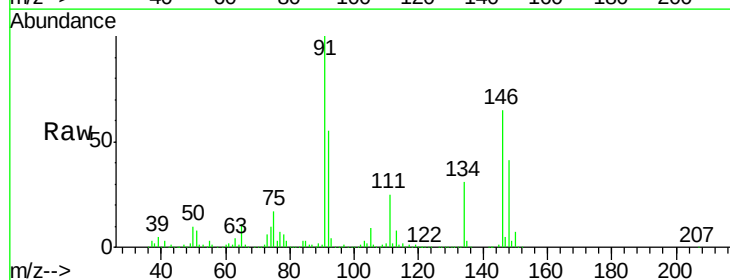
Manual Integrations
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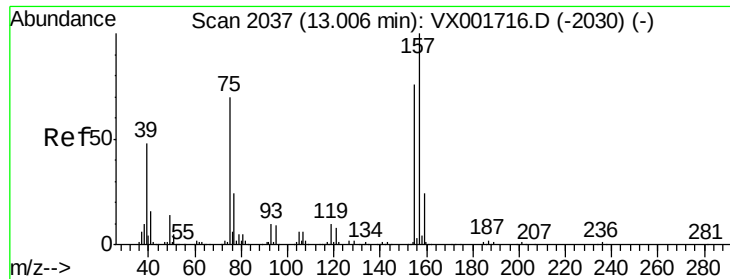
MMDadoda
5/16/2018 11:54:11 AM



#91
1,2-Dichlorobenzene
Concen: 48.21 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001732.D
Acq: 15 May 2018 01:50

Tgt Ion:146 Resp: 429910
Ion Ratio Lower Upper
146 100
111 37.4 18.6 56.0
148 64.3 32.4 97.0





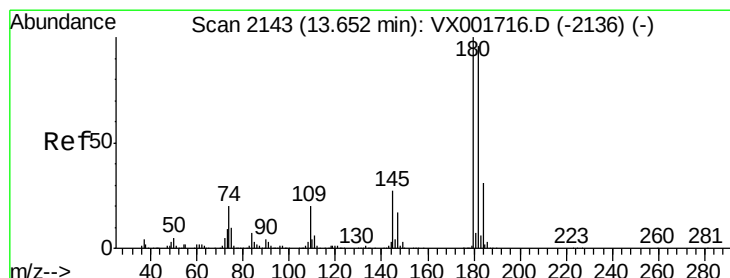
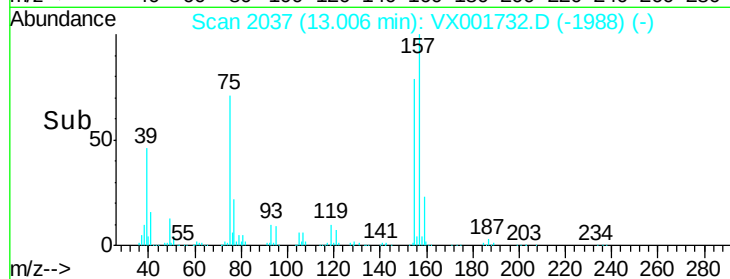
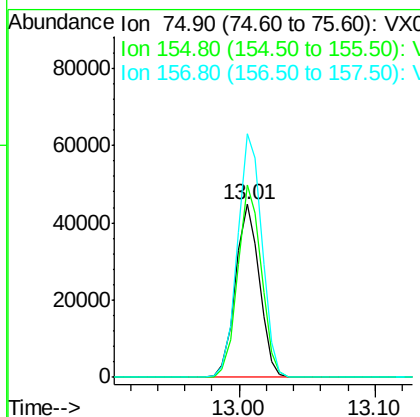
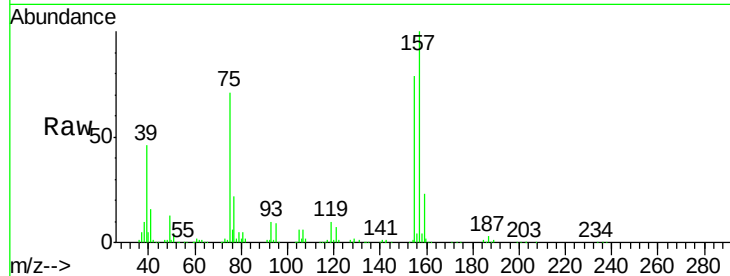
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.96 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	109.3	53.9	161.8
157	142.7	71.0	213.2

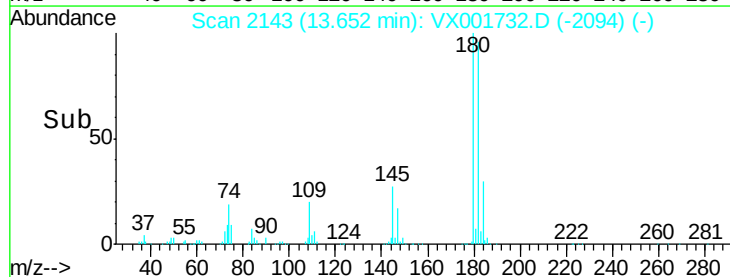
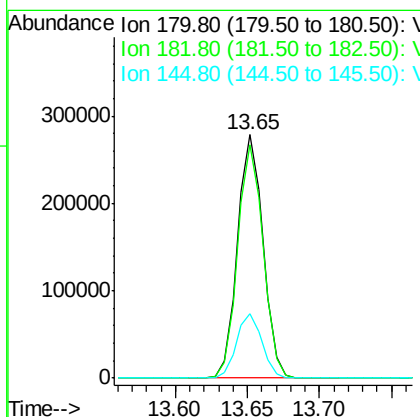
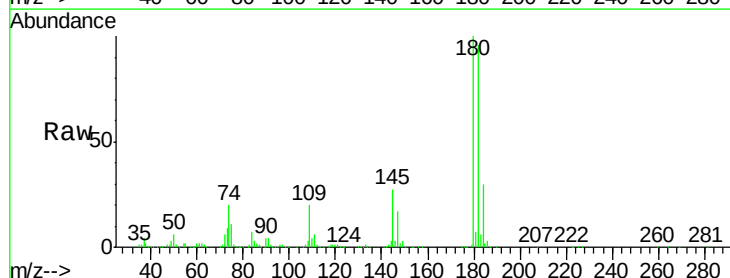
Manual Integrations
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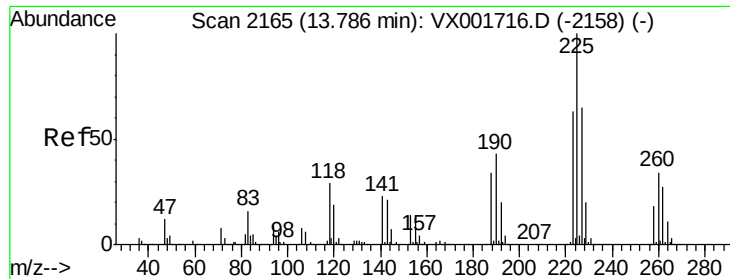
MMDadoda
 5/16/2018 11:54:11 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.37 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	26.5	13.4	40.1





#94

Hexachlorobutadiene

Concen: 44.74 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Instrument :

MSVOA_X

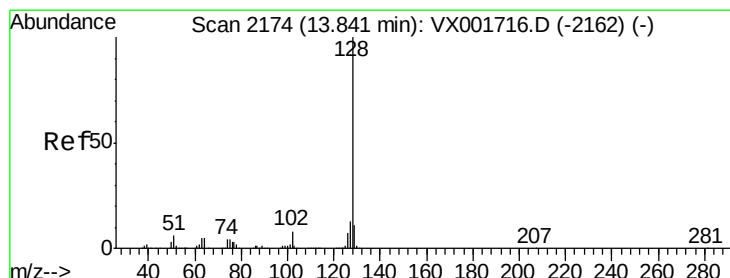
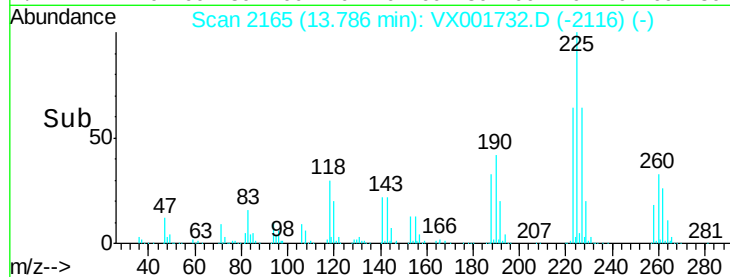
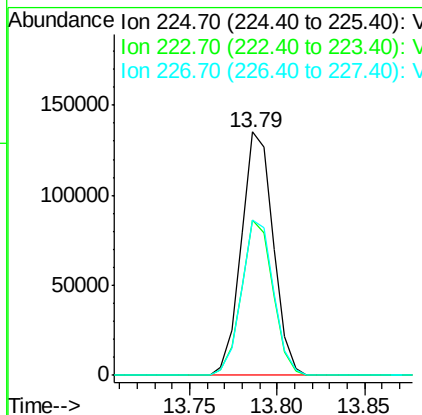
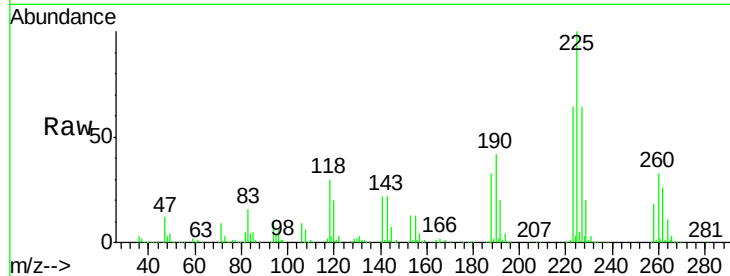
ClientSampleId :

MW-03MS

Tot Ion:	225	Resp:	170732
Ion Ratio		Lower	Upper
225	100		
223	62.8	31.1	93.5
227	64.1	31.9	95.5

Manual Integrations
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5/16/2018 11:54:11 AM



#95

Naphthalene

Concen: 51.60 ug/l

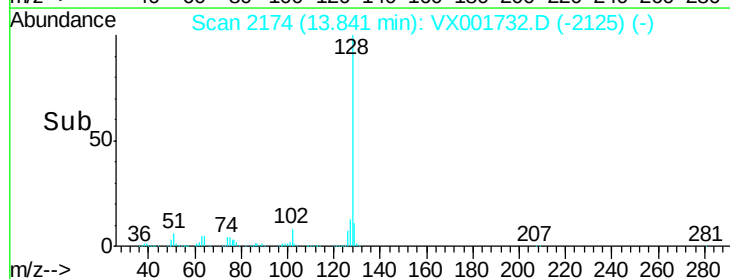
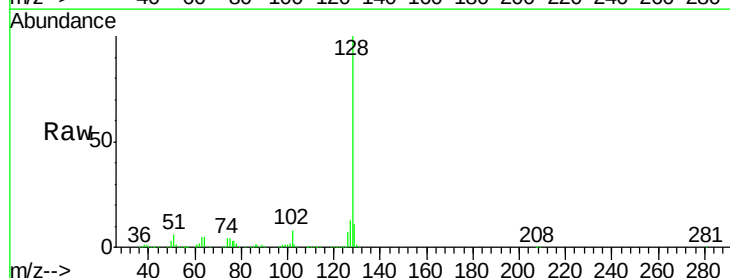
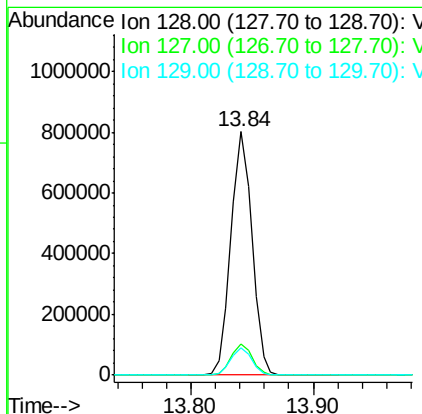
RT: 13.84 min Scan# 2174

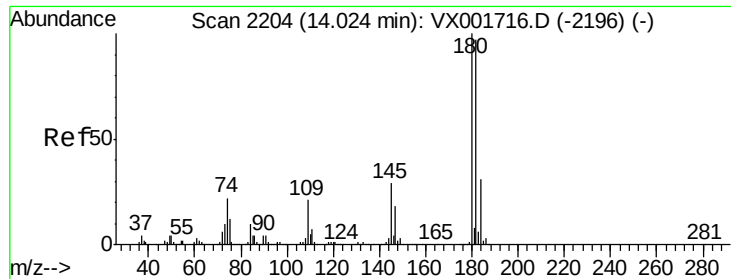
Delta R.T. -0.00 min

Lab File: VX001732.D

Acq: 15 May 2018 01:50

Tgt Ion:	128	Resp:	953403
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 48.18 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX001732.D
 Acq: 15 May 2018 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	344813		
182	96.3		47.9	143.7
145	28.4		14.2	42.8

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:11 AM

