

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002708.D
 Acq On : 19 Jun 2018 05:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:37 PM

Quant Time: Jun 19 07:16:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	297362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153309	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	5.51	113	121170	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	8.72	98	453373	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.14	95	173434	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92139	41.496	ug/l	98
3) Chloromethane	1.32	50	107177	40.577	ug/l	99
4) Vinyl Chloride	1.41	62	118630	43.281	ug/l	100
5) Bromomethane	1.64	94	61871	37.411	ug/l	96
6) Chloroethane	1.72	64	83599	46.275	ug/l	99
7) Trichlorofluoromethane	1.93	101	214577	48.186	ug/l	98
8) Diethyl Ether	2.19	74	77535	45.778	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119391	47.964	ug/l	99
10) Methyl Iodide	2.51	142	122621	37.902	ug/l	99
11) Tert butyl alcohol	3.09	59	152407	231.951	ug/l	98
12) 1,1-Dichloroethene	2.37	96	105797	45.269	ug/l	100
13) Acrolein	2.30	56	22111	76.674	ug/l	99
14) Allyl chloride	2.73	41	202732	43.689	ug/l	99
15) Acrylonitrile	3.15	53	348014	242.718	ug/l	99
16) Acetone	2.45	43	373490	266.343	ug/l	100
17) Carbon Disulfide	2.57	76	254370	45.891	ug/l	98
18) Methyl Acetate	2.78	43	199012	53.270	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	413185	47.128	ug/l	99
20) Methylene Chloride	2.86	84	127850	44.466	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	115506	45.557	ug/l	97
22) Diisopropyl ether	3.88	45	392631	46.767	ug/l	100
23) Vinyl Acetate	3.83	43	1244359	177.091	ug/l	99
24) 1,1-Dichloroethane	3.70	63	230400	50.564	ug/l	100
25) 2-Butanone	4.71	43	476878	258.951	ug/l	97
26) 2,2-Dichloropropane	4.59	77	92369	28.212	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	124317	48.190	ug/l	90
28) Bromochloromethane	5.03	49	106714	50.009	ug/l	96
29) Tetrahydrofuran	5.17	42	301978	250.203	ug/l	97
30) Chloroform	5.22	83	223840	50.942	ug/l	99
31) Cyclohexane	5.57	56	181325	48.332	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	192001	52.245	ug/l	100
36) 1,1-Dichloropropene	5.80	75	157554	49.888	ug/l	99
37) Ethyl Acetate	4.87	43	180129	50.392	ug/l	100
38) Carbon Tetrachloride	5.79	117	173388	55.134	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181710	49.217	ug/l	98
40) Benzene	6.15	78	467207	49.337	ug/l	99
41) Methacrylonitrile	5.07	41	104244	51.650	ug/l	98
42) 1,2-Dichloroethane	6.20	62	186721	50.929	ug/l	100
43) Isopropyl Acetate	6.48	43	297335	50.205	ug/l	99
44) Trichloroethene	7.22	130	144558	52.888	ug/l	100
45) 1,2-Dichloropropane	7.52	63	123913	49.718	ug/l	99
46) Dibromomethane	7.67	93	88259	52.940	ug/l	99
47) Bromodichloromethane	7.90	83	163435	55.582	ug/l	99
48) Methyl methacrylate	7.78	41	153633	50.763	ug/l	98
49) 1,4-Dioxane	7.76	88	60972	1063.825	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1007436	264.931	ug/l	100
52) Toluene	8.79	92	307879	50.967	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	176009	45.448	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	162357	44.129	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130384	53.417	ug/l	97
56) Ethyl methacrylate	9.19	69	195494	52.044	ug/l	98
57) 1,3-Dichloropropane	9.38	76	210238	50.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	448691	246.966	ug/l	98
59) 2-Hexanone	9.50	43	772761	269.684	ug/l	98
60) Dibromochloromethane	9.59	129	136728	49.812	ug/l	99
61) 1,2-Dibromoethane	9.68	107	136349	53.937	ug/l	99
64) Tetrachloroethene	9.34	164	218807	68.362	ug/l	98
65) Chlorobenzene	10.14	112	359197	50.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	135905	56.294	ug/l	99
67) Ethyl Benzene	10.26	91	612774	51.304	ug/l	99
68) m/p-Xylenes	10.36	106	475280	103.157	ug/l	99
69) o-Xylene	10.70	106	233729	51.634	ug/l	98
70) Styrene	10.71	104	394362	52.974	ug/l	99
71) Bromoform	10.86	173	107116	48.859	ug/l	99
73) Isopropylbenzene	11.02	105	640198	50.505	ug/l	100
74) N-amyl acetate	6.48	43	297335	47.211	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	181893	48.592	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	188624m	52.742	ug/l	
77) Bromobenzene	11.26	156	178228	50.470	ug/l	97
78) n-propylbenzene	11.37	91	724422	49.832	ug/l	100
79) 2-Chlorotoluene	11.43	91	431414	49.705	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	540409	50.447	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42688	39.181	ug/l	95
82) 4-Chlorotoluene	11.51	91	510915	49.887	ug/l	99
83) tert-Butylbenzene	11.77	119	487574	47.246	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	558911	51.131	ug/l	98
85) sec-Butylbenzene	11.95	105	654694	51.021	ug/l	100
86) p-Isopropyltoluene	12.07	119	589351	50.760	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	324955	50.177	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	328353	49.830	ug/l	100
89) n-Butylbenzene	12.39	91	499871	48.804	ug/l	99
90) Hexachloroethane	12.60	117	86957	48.150	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	331952	50.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44190	56.359	ug/l	96

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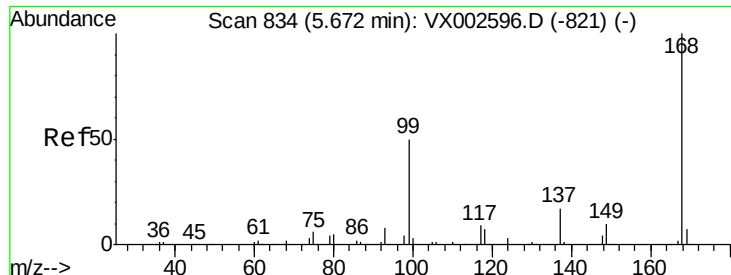
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	242222	51.203	ug/l	99
94) Hexachlorobutadiene	13.79	225	120698	48.435	ug/l	100
95) Naphthalene	13.84	128	691953	54.358	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	250130	52.645	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 209159

Ion Ratio Lower Upper

168 100

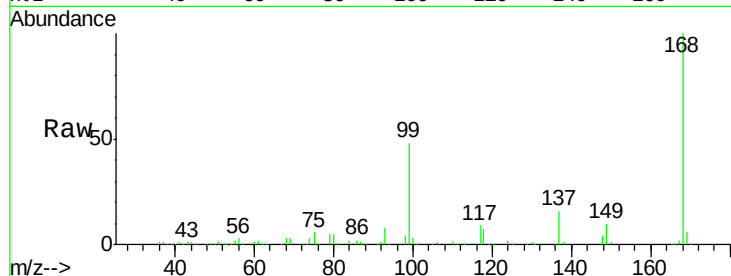
99 48.1 39.3 58.9

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

80000

60000

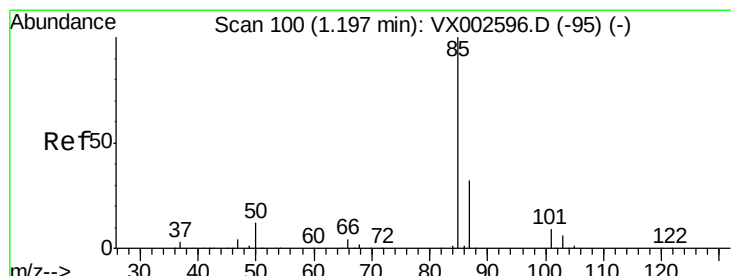
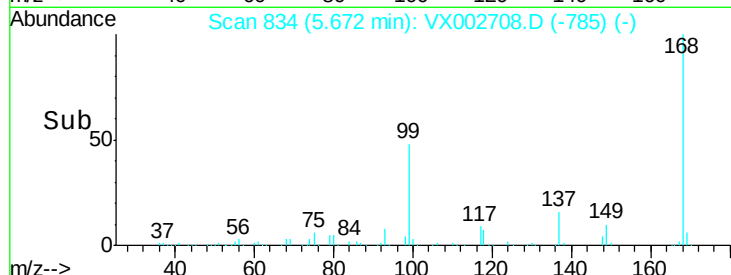
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.496 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002708.D

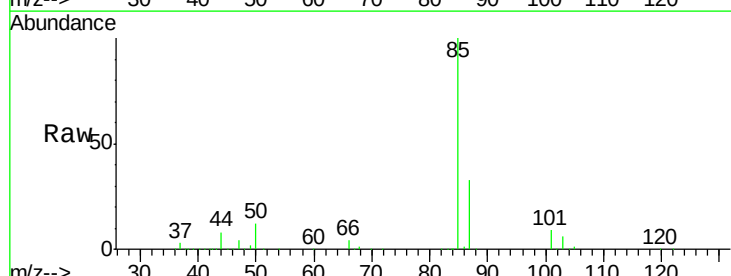
Acq: 19 Jun 2018 05:00

Tgt Ion: 85 Resp: 92139

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

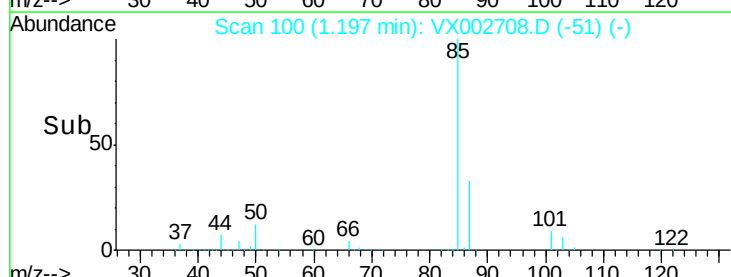
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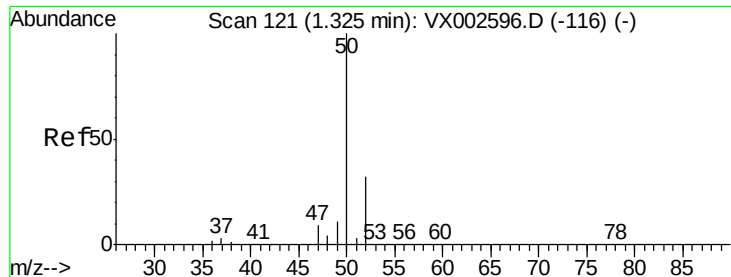
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.577 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 107177

Ion Ratio Lower Upper

50 100

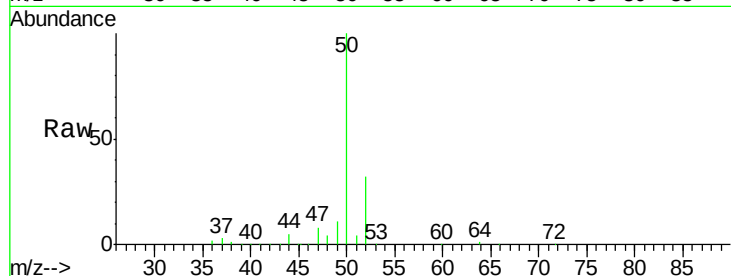
52 31.6 25.7 38.5

Manual Integrations

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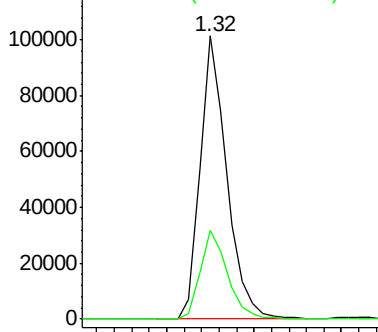
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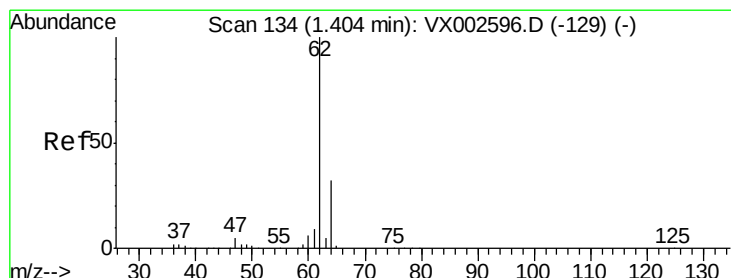
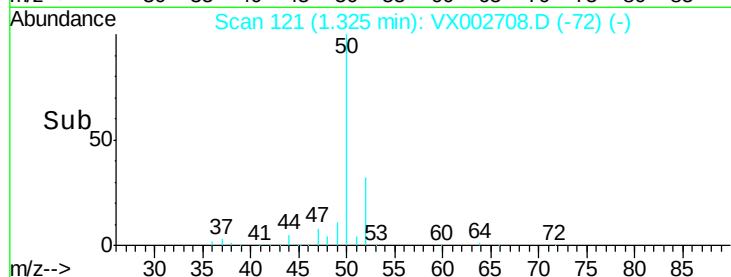


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 43.281 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002708.D

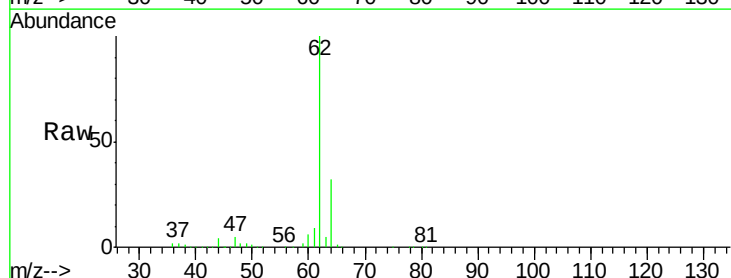
Acq: 19 Jun 2018 05:00

Tgt Ion: 62 Resp: 118630

Ion Ratio Lower Upper

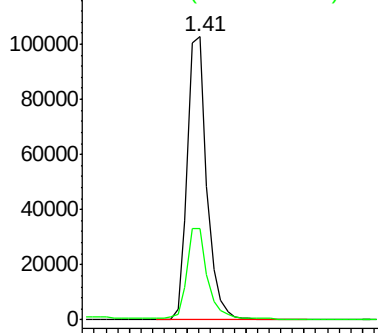
62 100

64 31.9 25.4 38.2

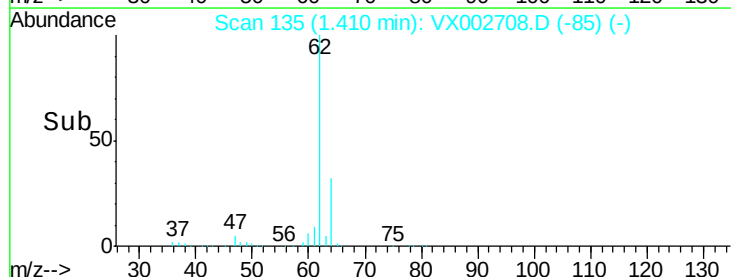


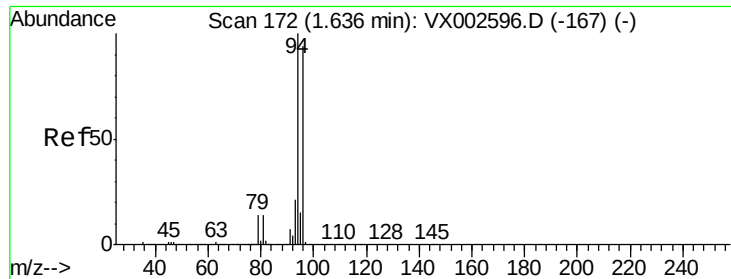
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 37.411 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 61871

Ion Ratio Lower Upper

94 100

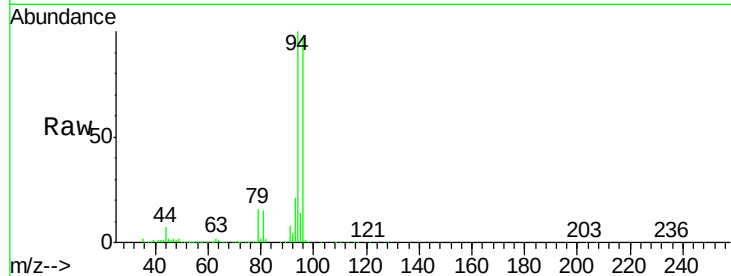
96 97.4 74.9 112.3

Manual Integrations

APPROVED

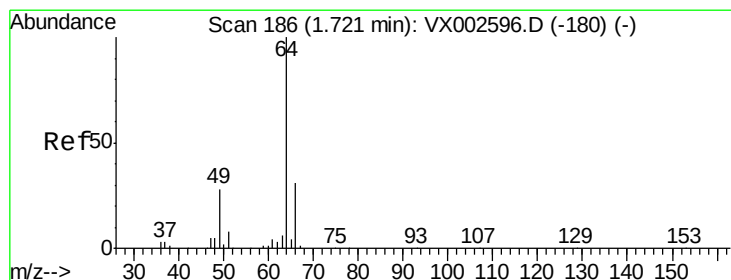
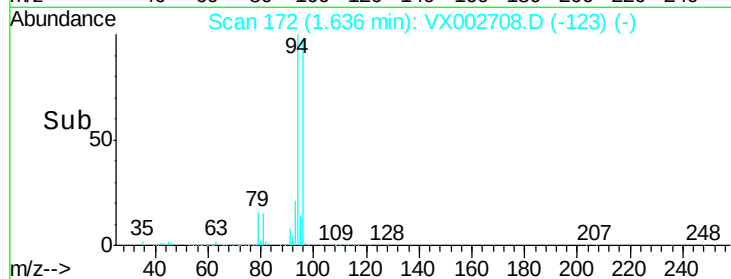
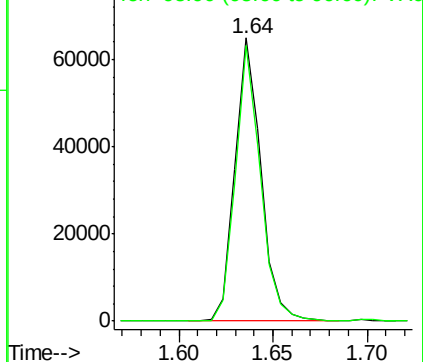
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.275 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002708.D

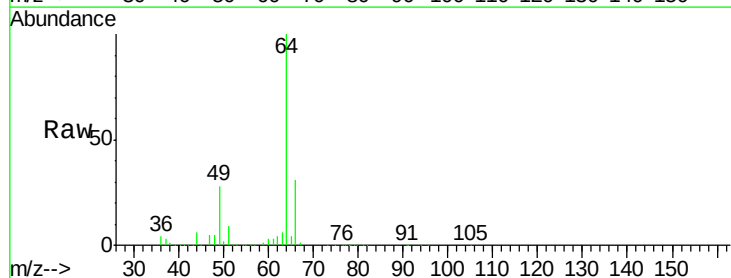
Acq: 19 Jun 2018 05:00

Tgt Ion: 64 Resp: 83599

Ion Ratio Lower Upper

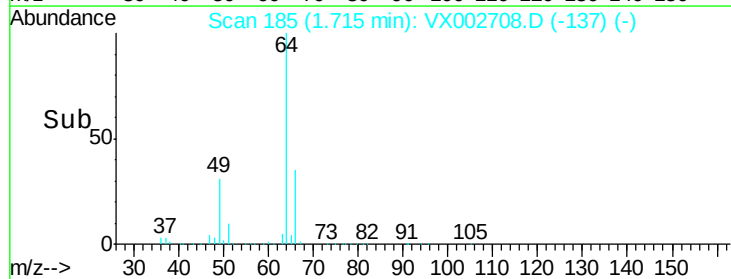
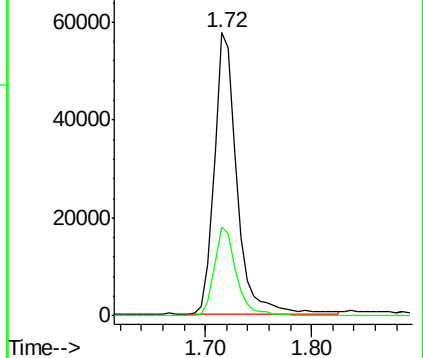
64 100

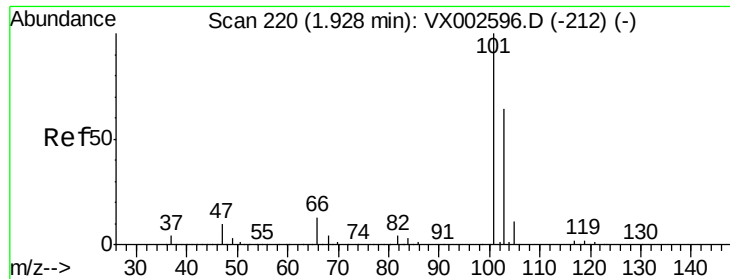
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

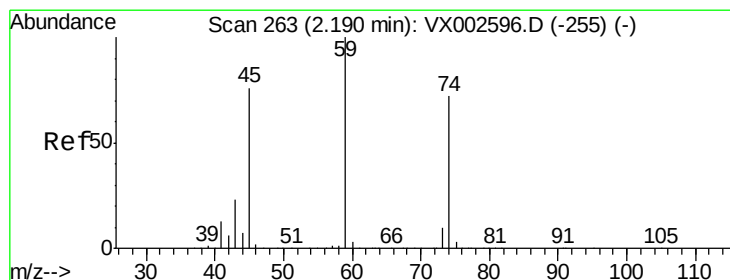
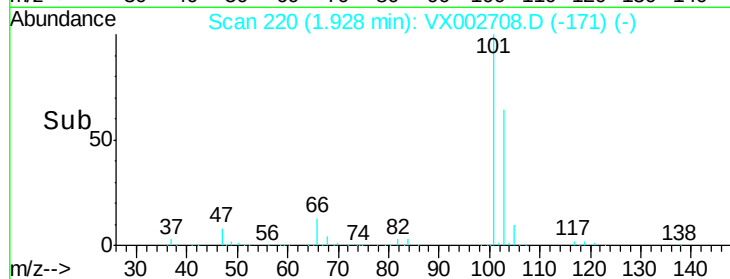
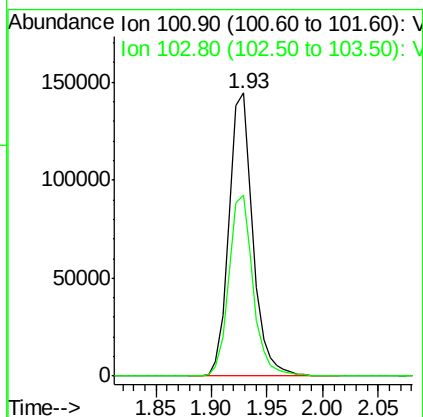
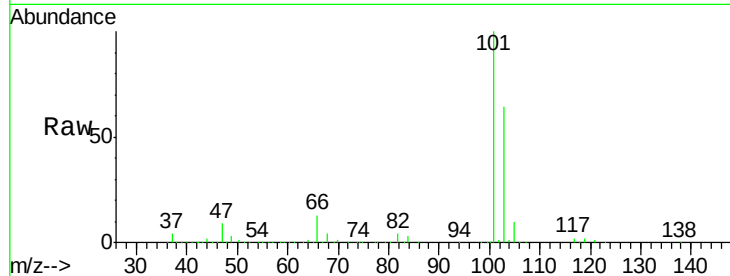
Trichlorofluoromethane
Concen: 48.186 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.8	79.2

Manual Integrations
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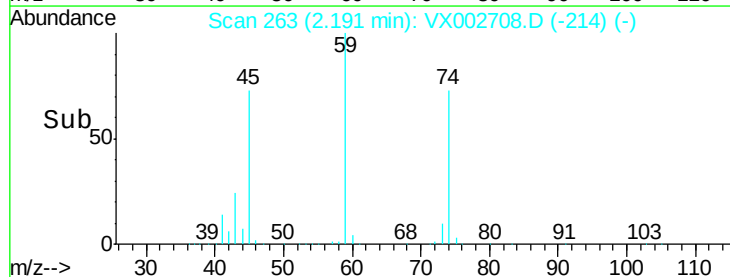
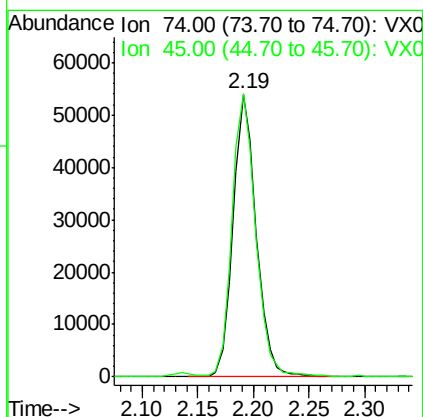
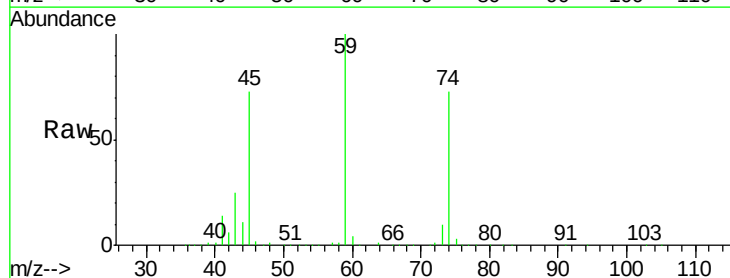
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6/19/2018 1:05:37 PM

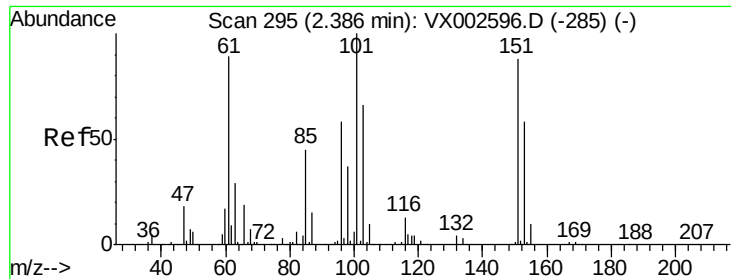


#8

Diethyl Ether
Concen: 45.778 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.964 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

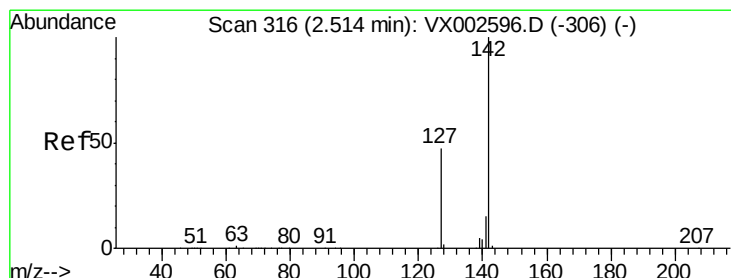
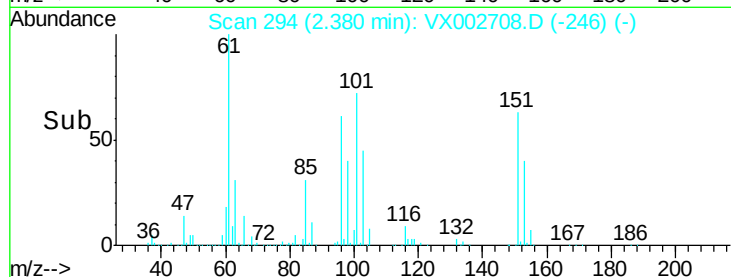
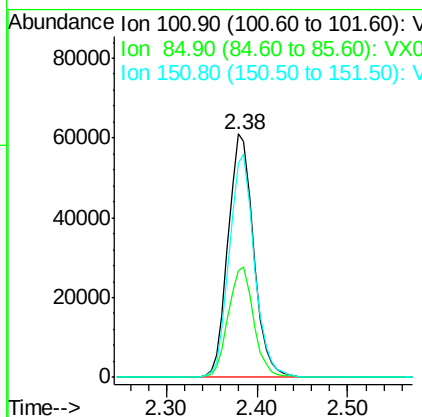
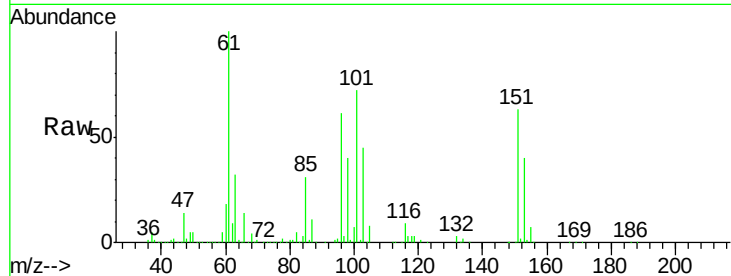
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	119391
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.0	54.0
151	90.6	70.9	106.3

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#10

Methyl Iodide

Concen: 37.902 ug/l

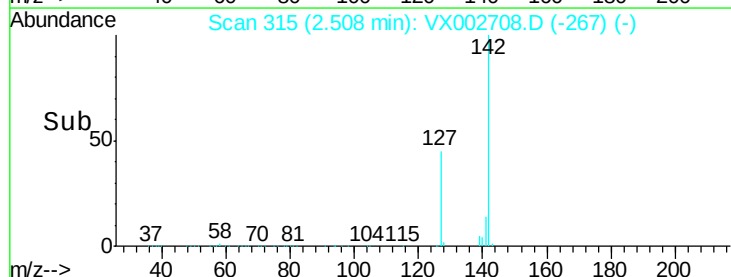
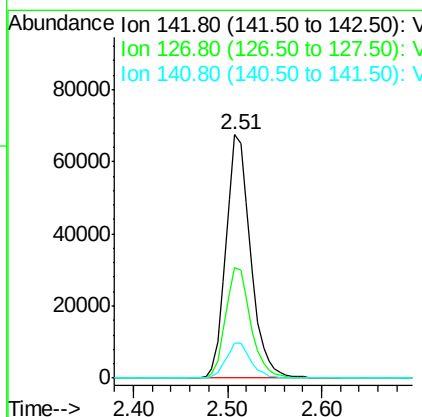
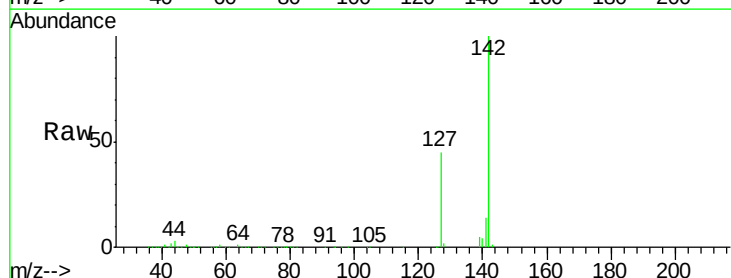
RT: 2.51 min Scan# 315

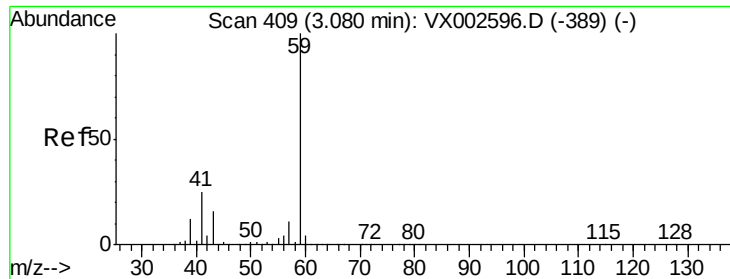
Delta R.T. -0.01 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Tgt Ion:	142	Resp:	122621
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.6	55.0
141	14.5	11.3	16.9





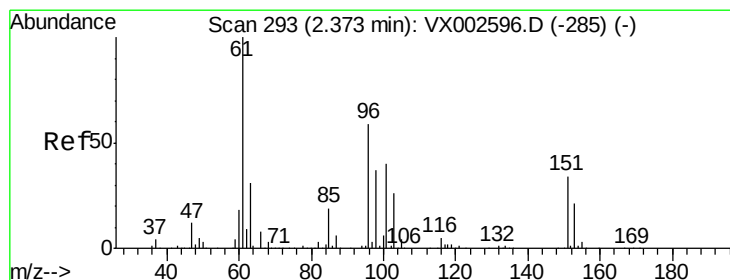
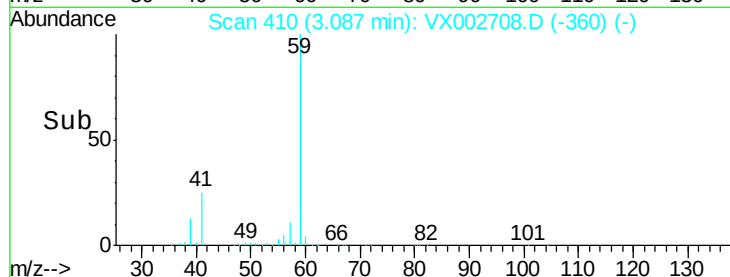
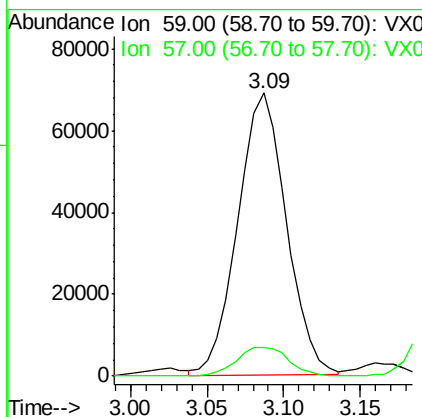
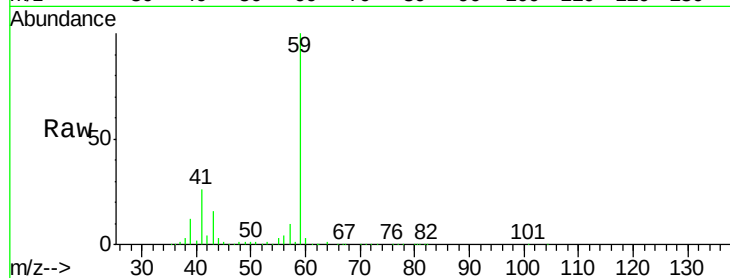
#11
Tert butyl alcohol
Concen: 231.951 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.2	12.2

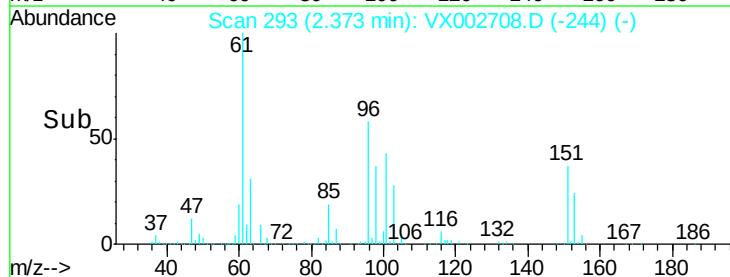
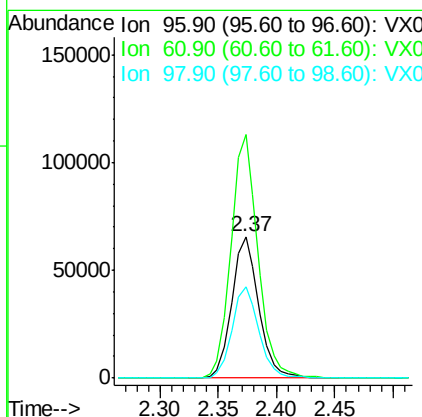
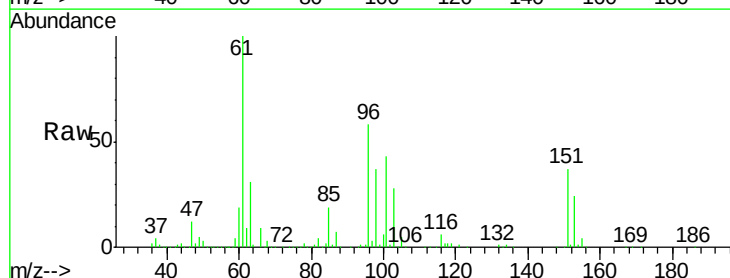
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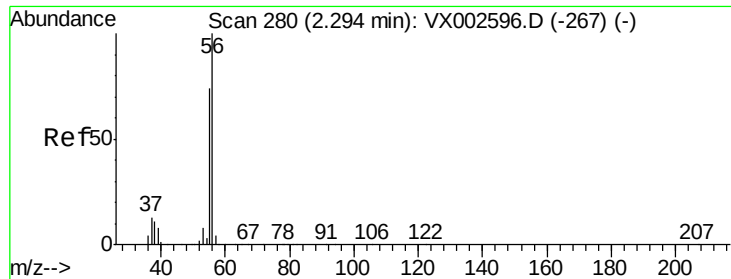
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.269 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.8	137.9	206.9
98	64.1	51.6	77.4





#13

Acrolein

Concen: 76.674 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 22111

Ion Ratio Lower Upper

56 100

55 72.4

57.0

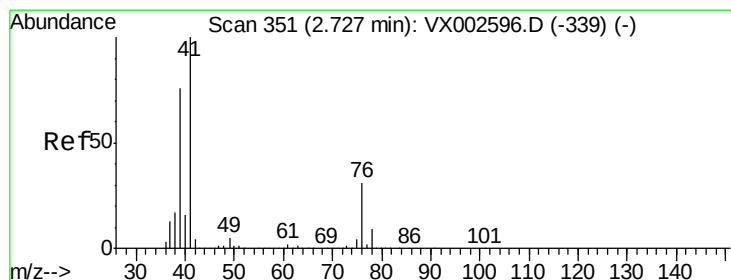
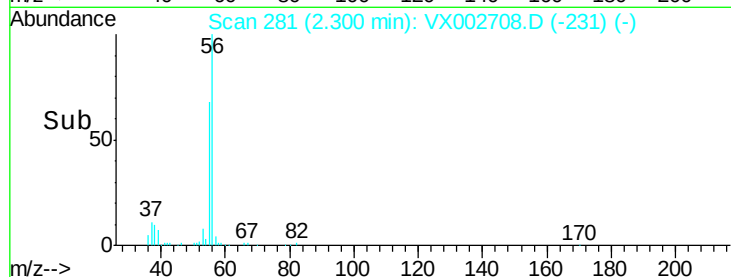
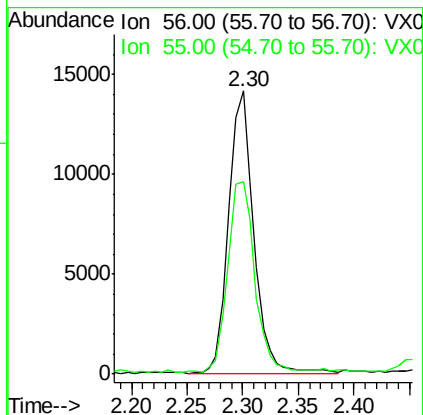
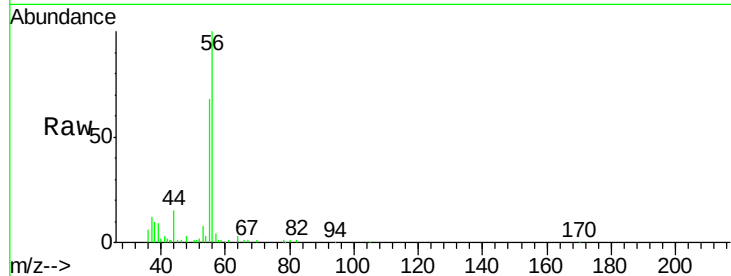
85.4

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#14

Allyl chloride

Concen: 43.689 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Tgt Ion: 41 Resp: 202732

Ion Ratio Lower Upper

41 100

39 71.9

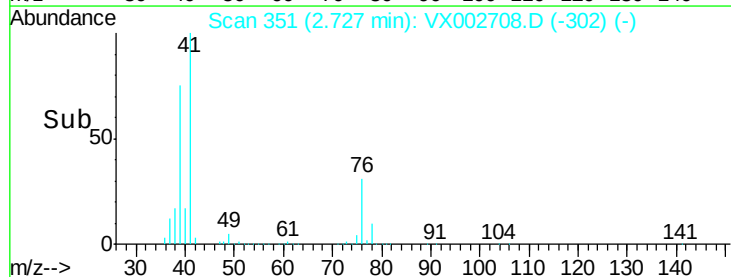
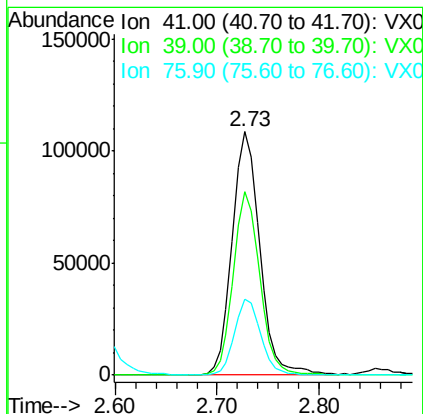
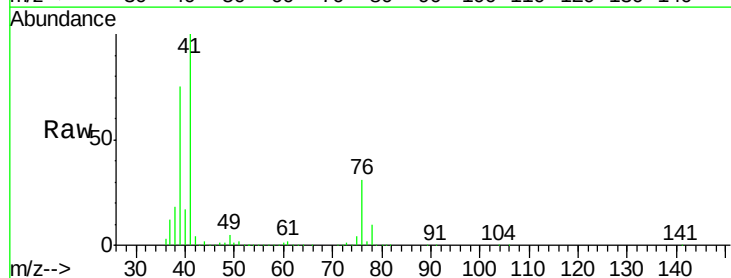
56.8

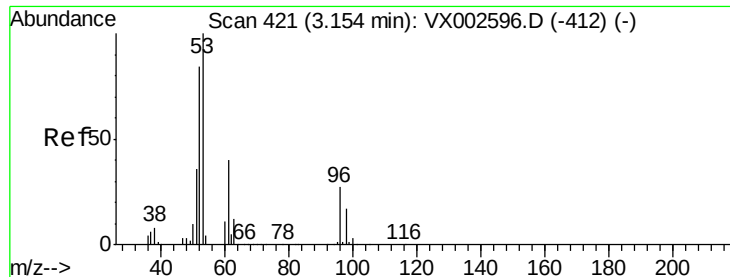
85.2

76 29.4

23.8

35.8





#15

Acrylonitrile

Concen: 242.718 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

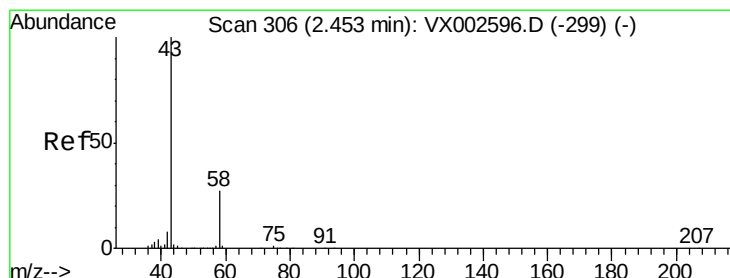
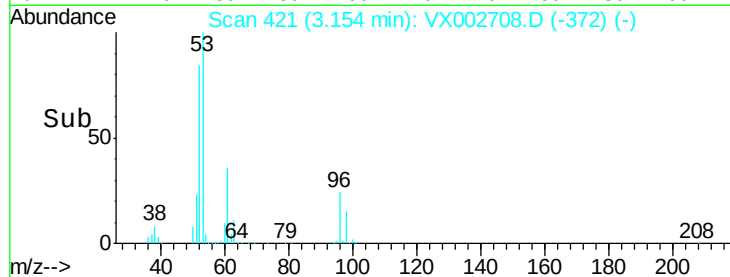
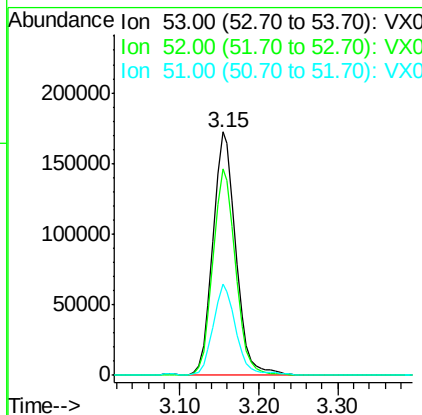
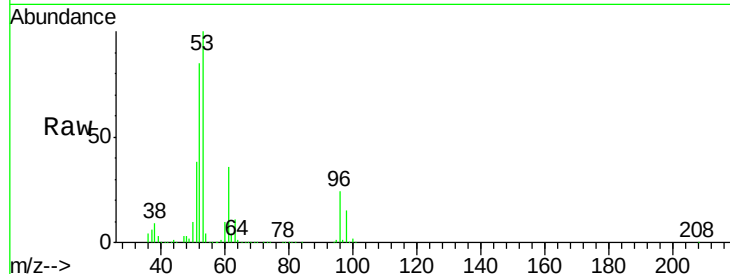
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	348014
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.7	100.1
51	37.6	29.9	44.9

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#16

Acetone

Concen: 266.343 ug/l

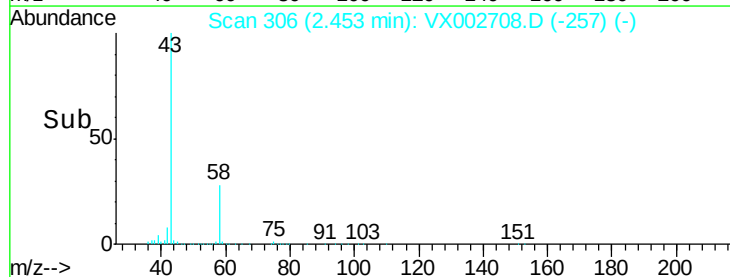
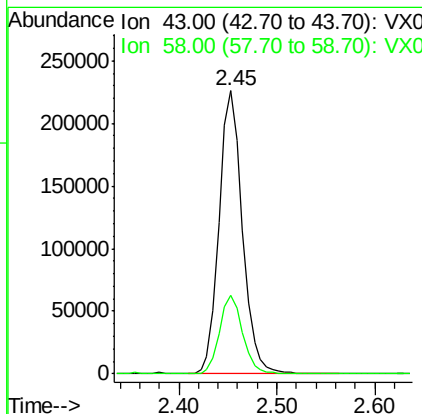
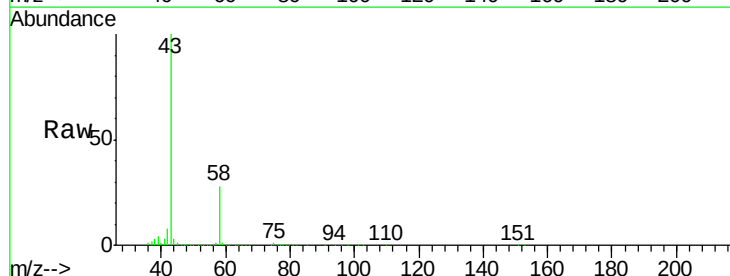
RT: 2.45 min Scan# 306

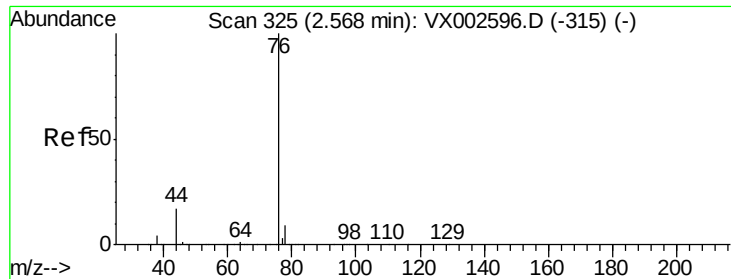
Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Tgt Ion:	43	Resp:	373490
Ion Ratio	Lower	Upper	
43	100		
58	27.6	22.1	33.1





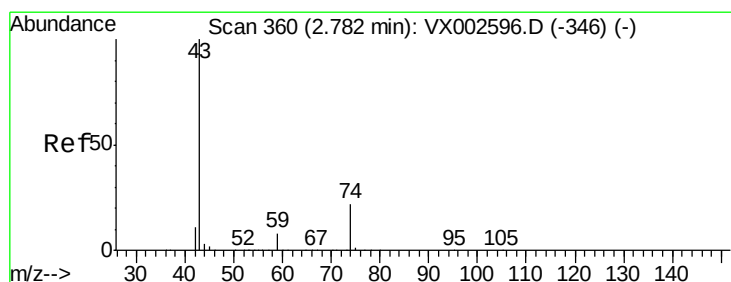
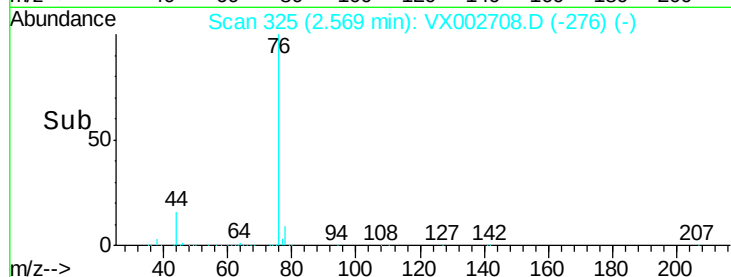
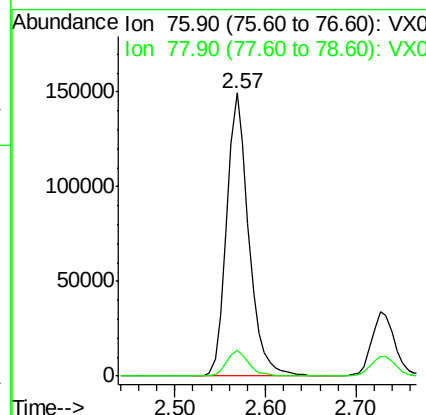
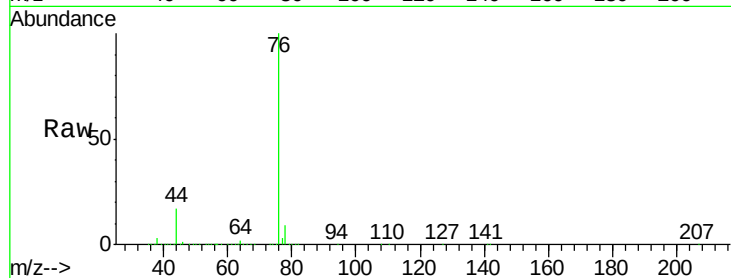
#17
Carbon Disulfide
Concen: 45.891 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

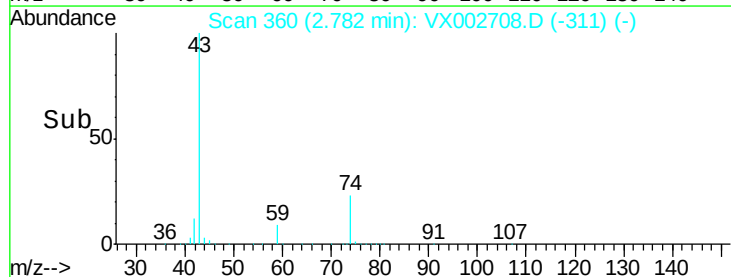
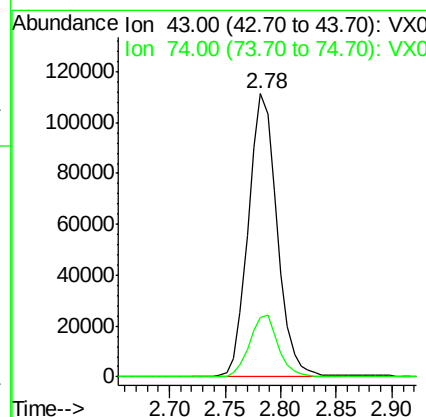
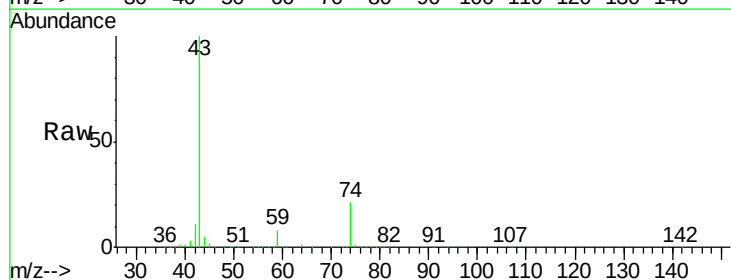
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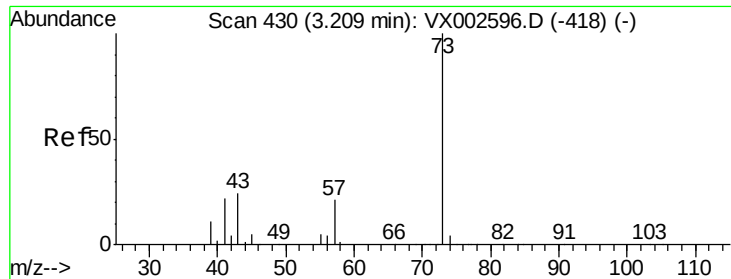
MMDadoda
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#18
Methyl Acetate
Concen: 53.270 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	16.7	25.1





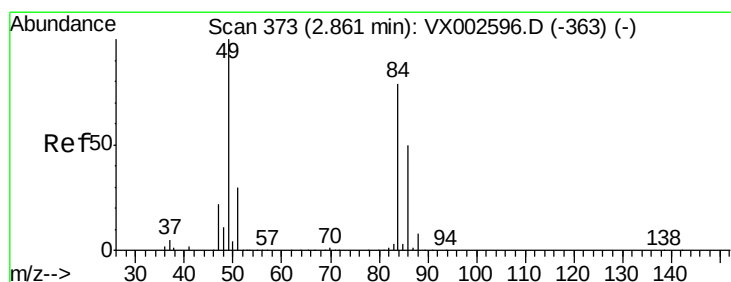
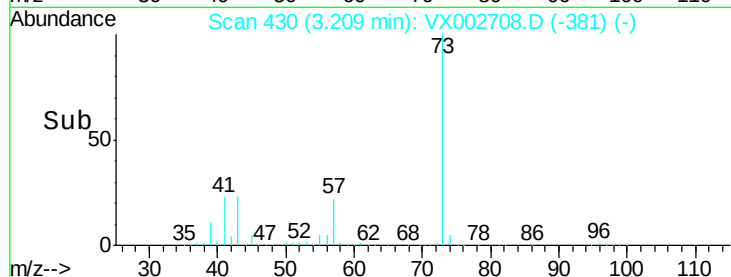
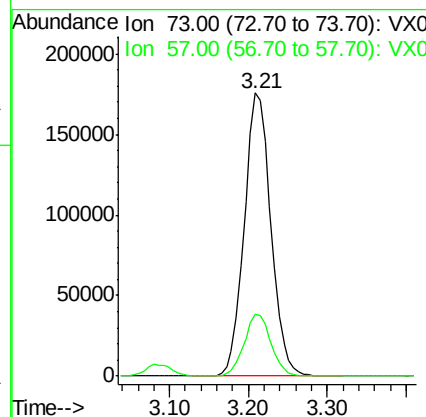
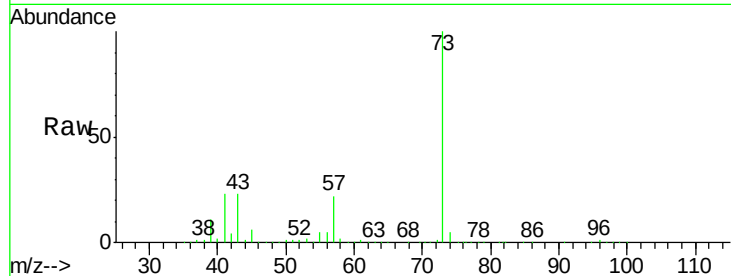
#19
Methyl tert-butyl Ether
Concen: 47.128 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 413185
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

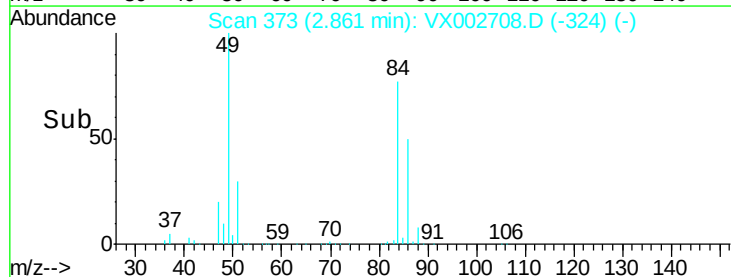
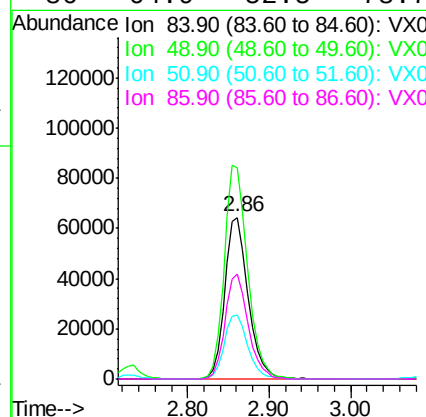
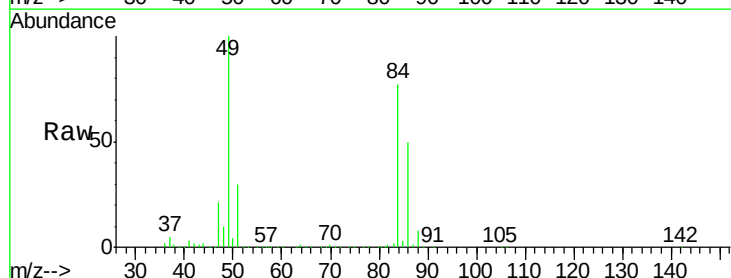
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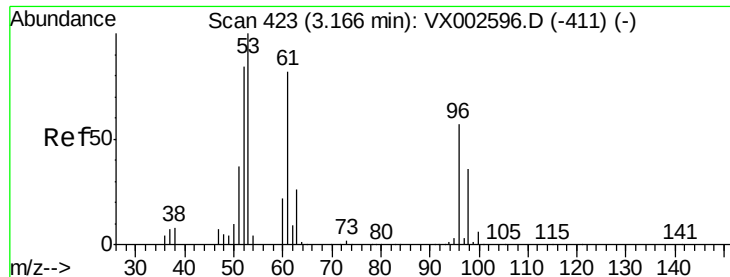
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#20
Methylene Chloride
Concen: 44.466 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion: 84 Resp: 127850
Ion Ratio Lower Upper
84 100
49 130.6 107.8 161.6
51 39.2 32.8 49.2
86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.557 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 115506

Ion Ratio Lower Upper

96 100

61 140.9 117.0 175.4

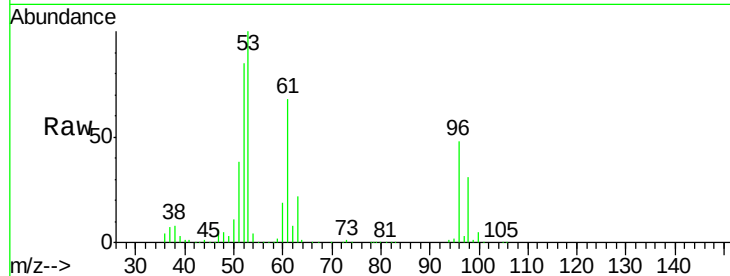
98 64.4 52.4 78.6

Manual Integrations

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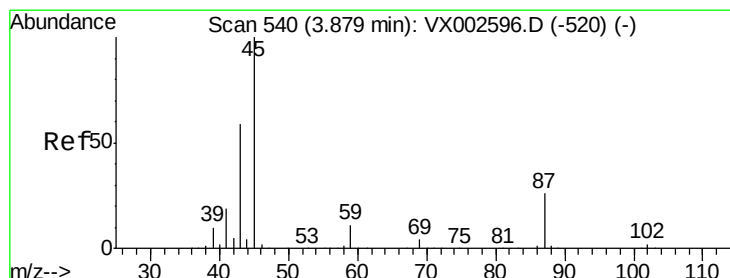
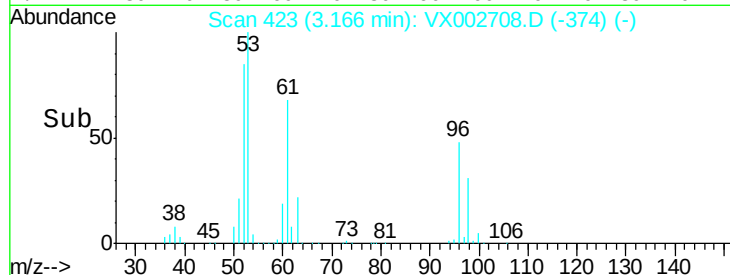
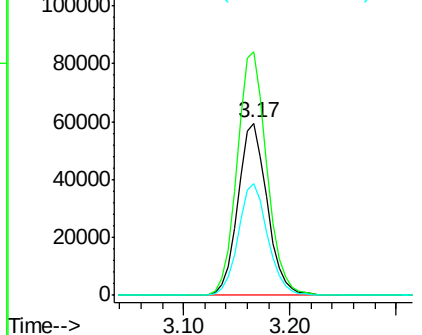
6/19/2018 1:05:37 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.767 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Tgt Ion: 45 Resp: 392631

Ion Ratio Lower Upper

45 100

43 58.2 46.8 70.2

87 25.4 20.2 30.4

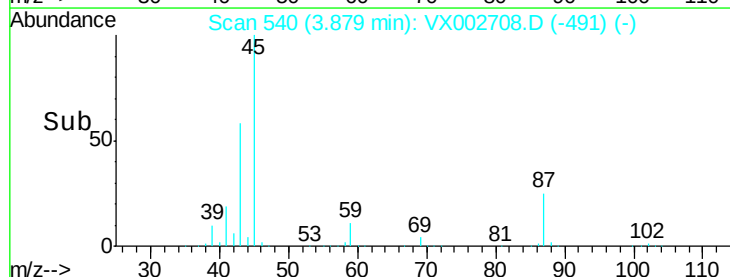
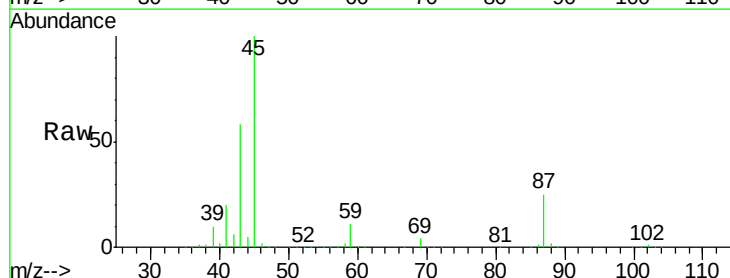
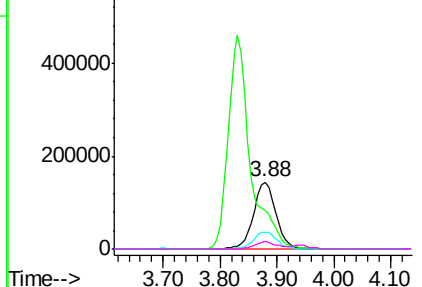
59 11.1 8.7 13.1

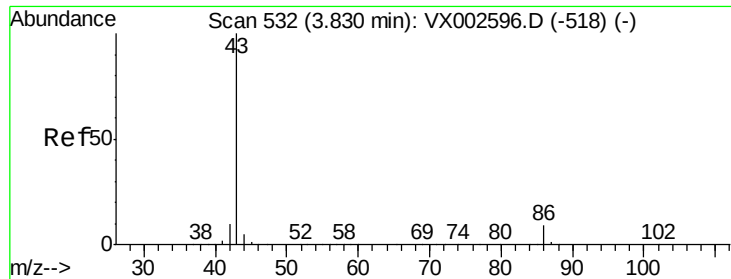
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





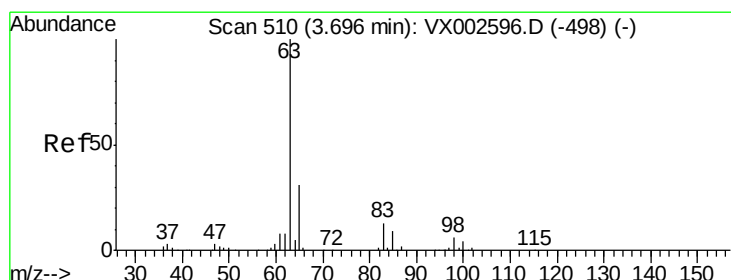
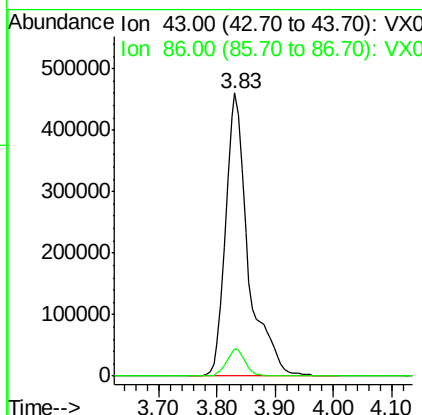
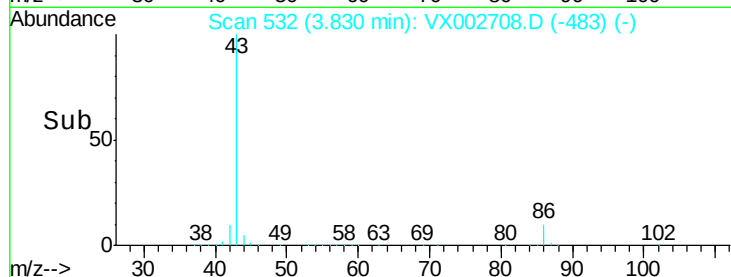
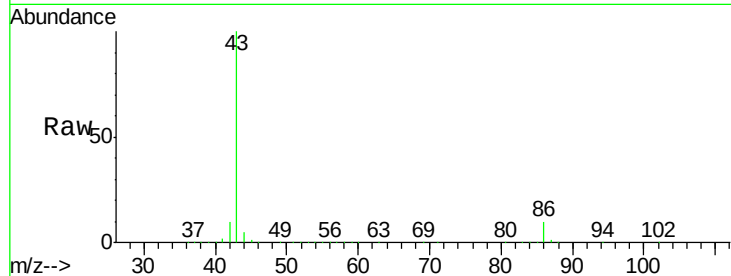
#23
 Vinyl Acetate
 Concen: 177.091 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1244359
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.0

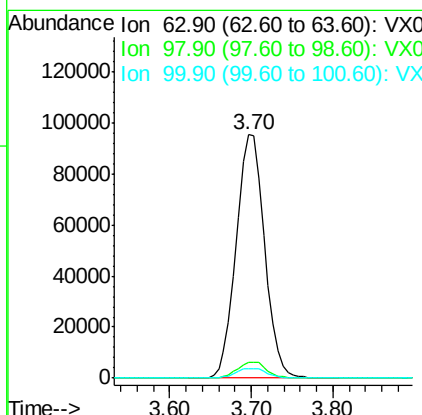
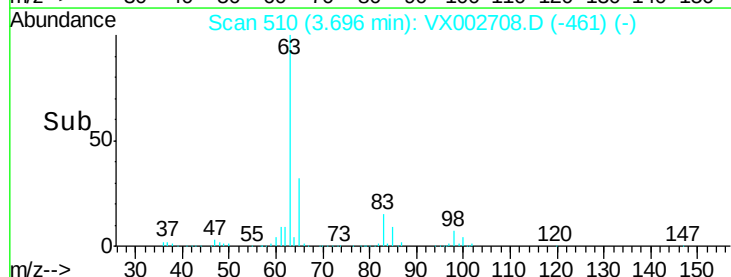
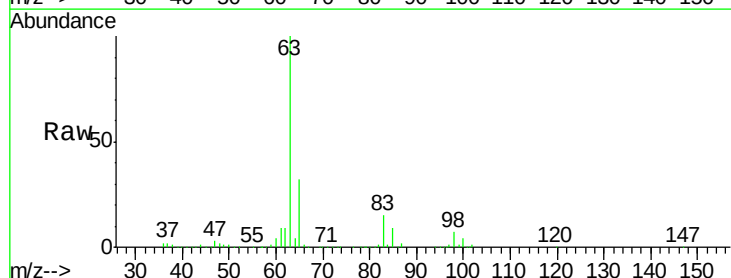
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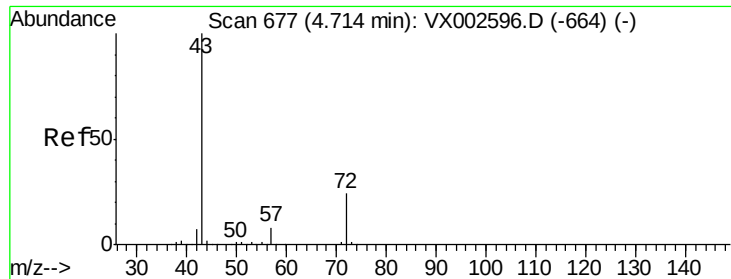
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 50.564 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion: 63 Resp: 230400
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 258.951 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 476878

Ion Ratio Lower Upper

43 100

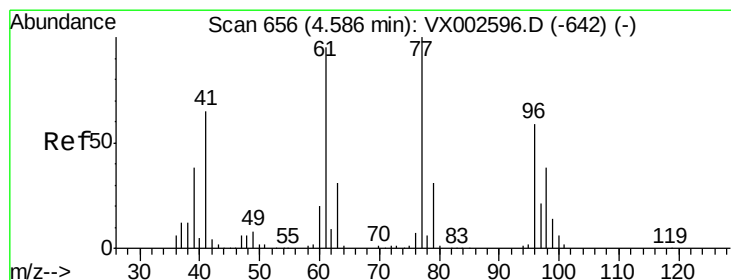
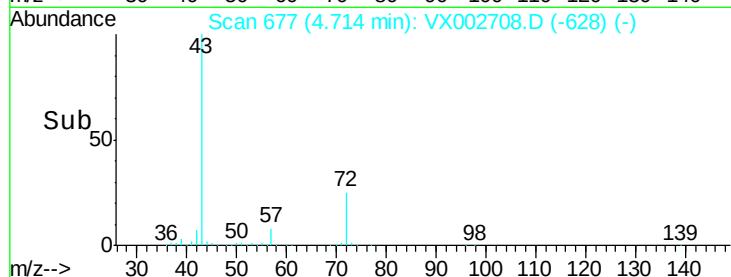
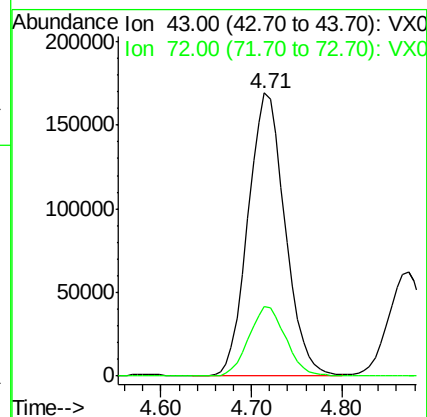
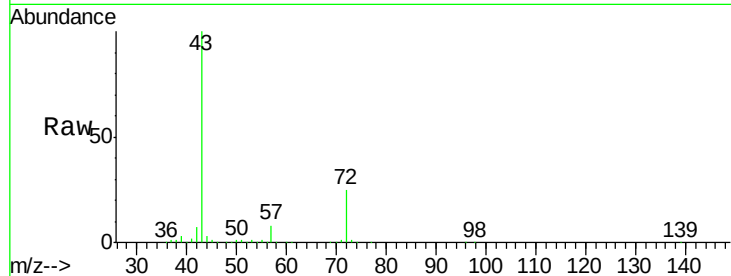
72 24.7 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 28.212 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002708.D

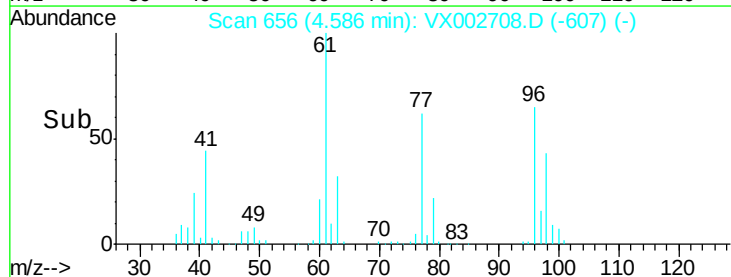
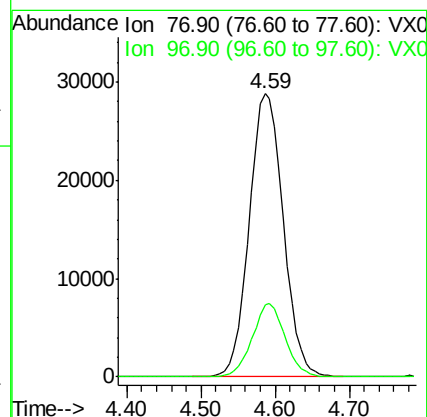
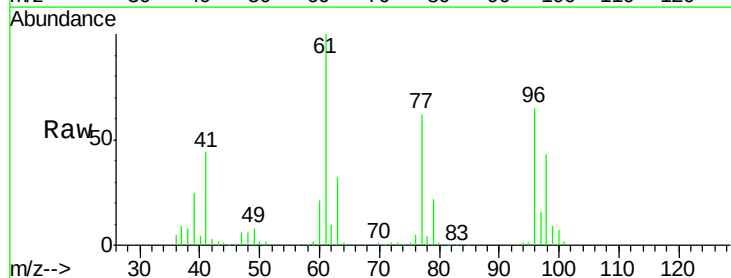
Acq: 19 Jun 2018 05:00

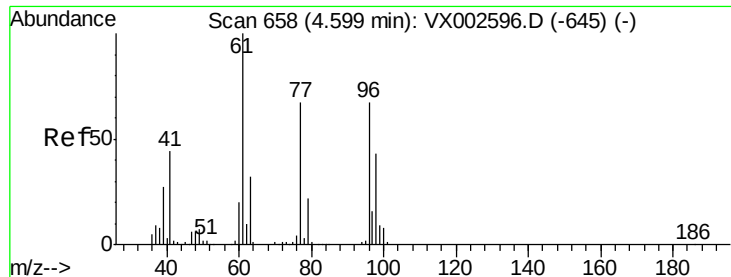
Tgt Ion: 77 Resp: 92369

Ion Ratio Lower Upper

77 100

97 25.1 11.2 33.5





#27

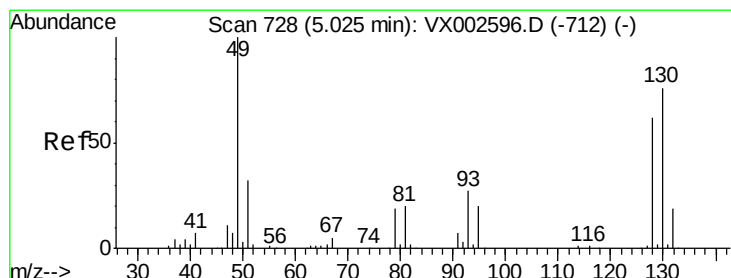
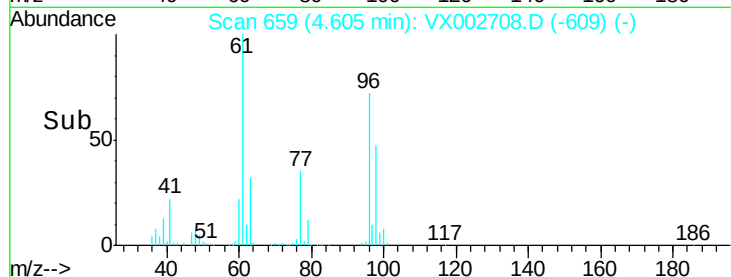
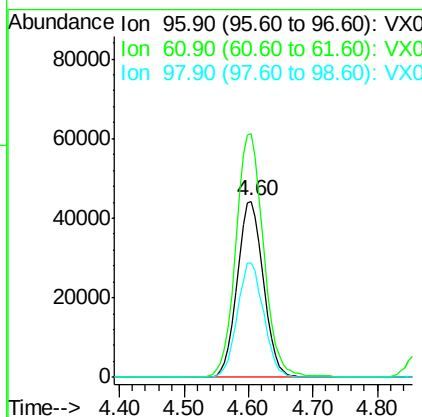
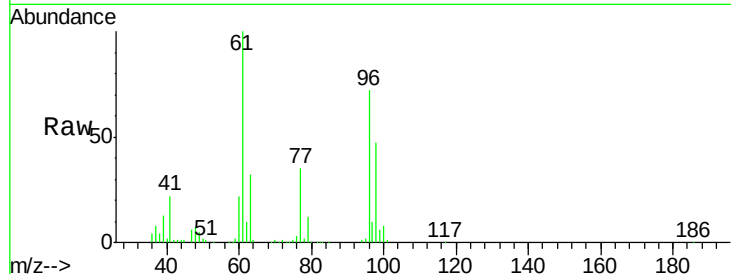
cis-1,2-Dichloroethene
 Concen: 48.190 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	124317		
61	146.5	0.0	330.2	
98	65.6	0.0	130.2	

Manual Integrations
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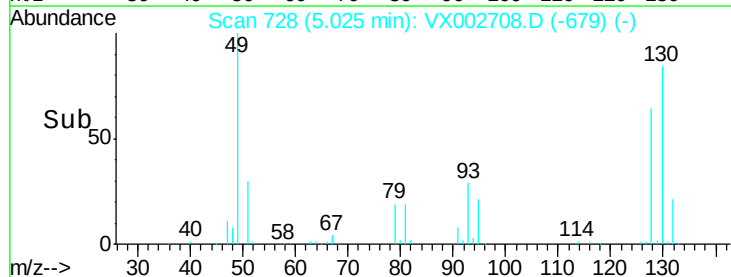
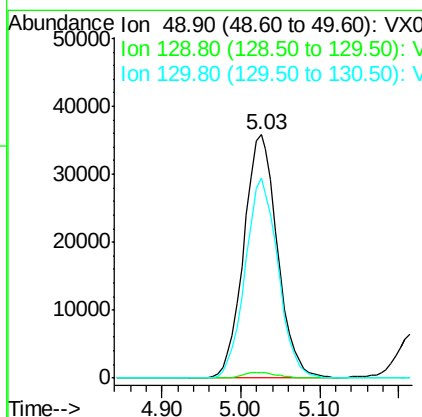
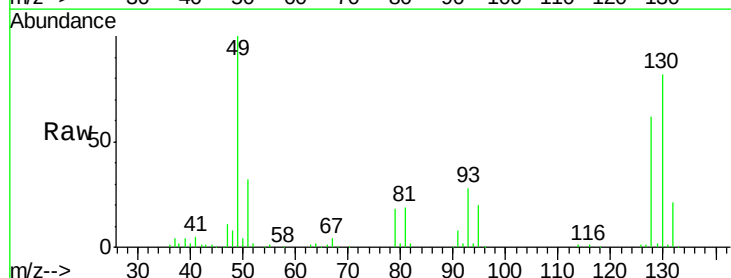
MMDadoda
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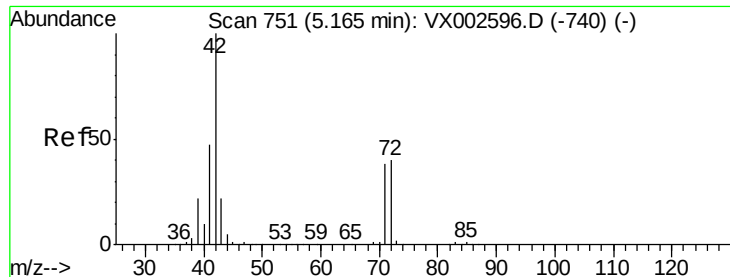


#28

Bromochloromethane
 Concen: 50.009 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106714		
129	2.4	0.0	4.2	
130	79.9	61.2	91.8	





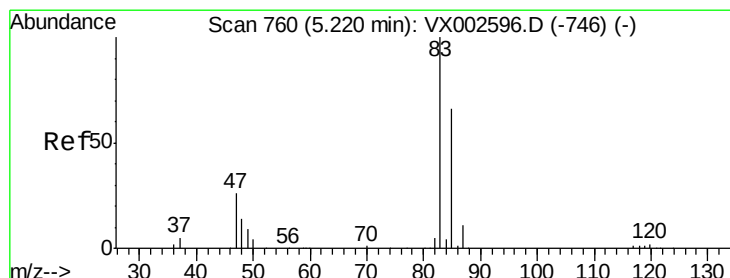
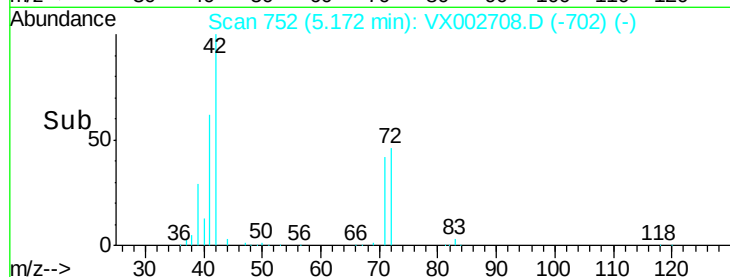
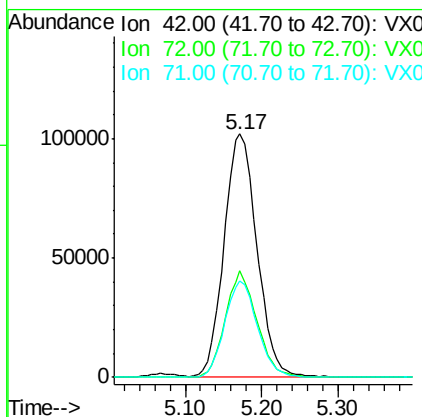
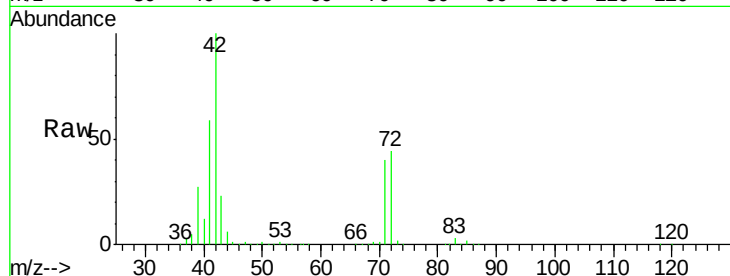
#29
Tetrahydrofuran
Concen: 250.203 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.0	48.0
71	39.4	30.1	45.1

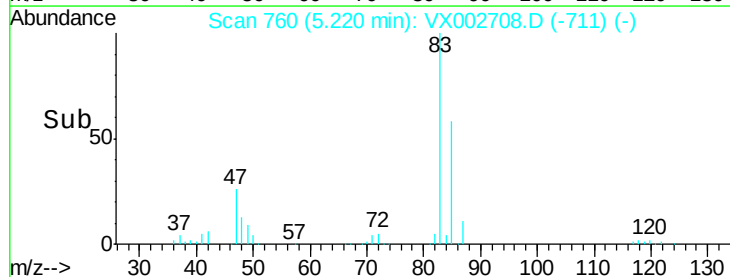
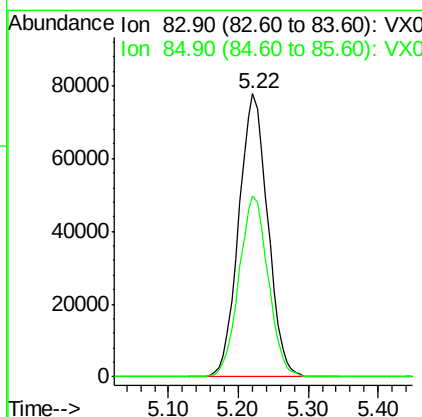
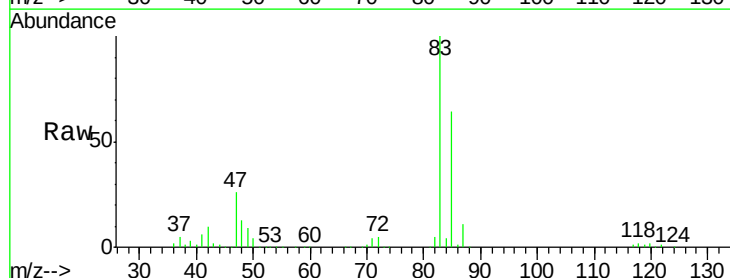
Manual Integrations
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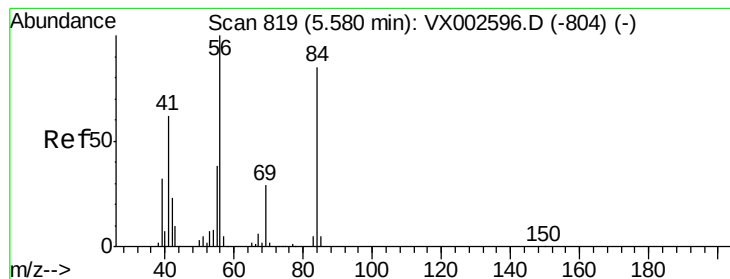
MMDadoda
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#30
Chloroform
Concen: 50.942 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.4	75.6





#31

Cyclohexane

Concen: 48.332 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

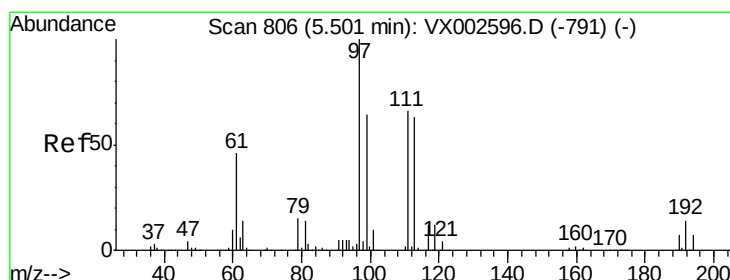
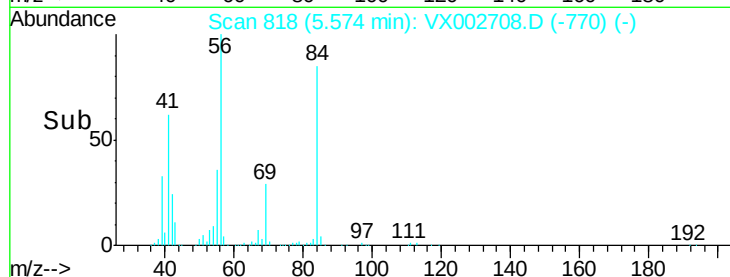
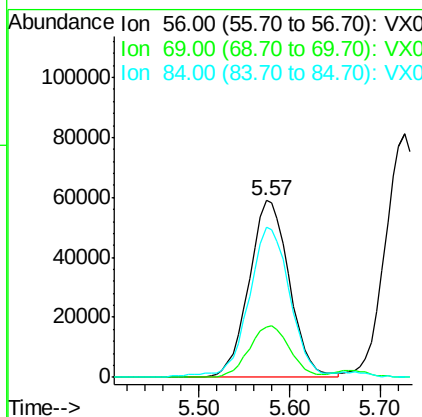
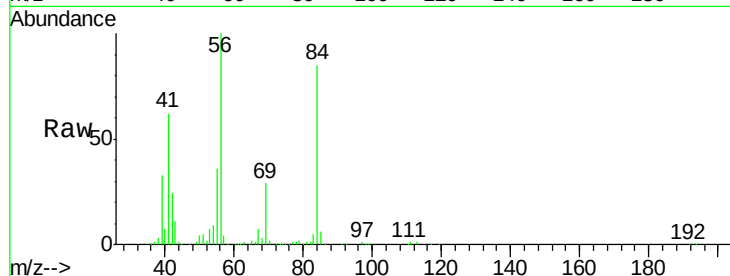
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	181325
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.7	35.5
84	82.7	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.245 ug/l

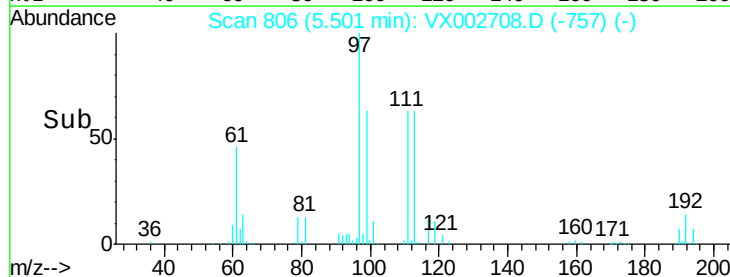
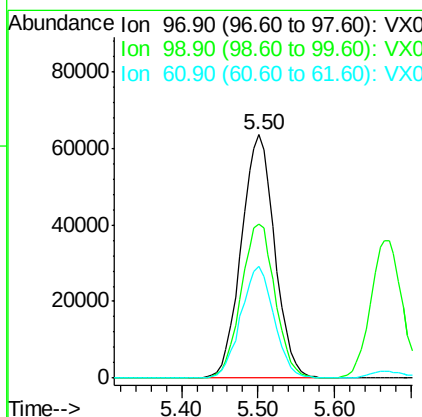
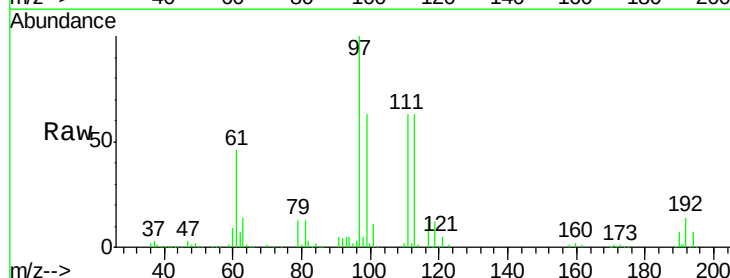
RT: 5.50 min Scan# 806

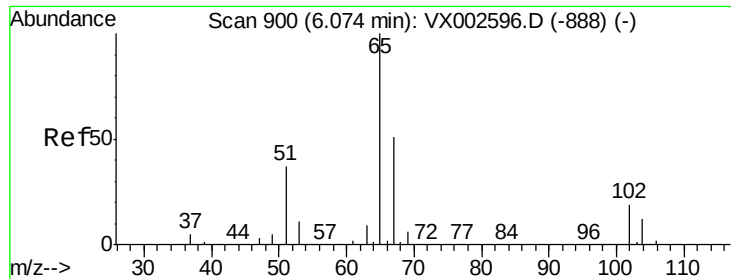
Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Tgt Ion:	97	Resp:	192001
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	45.9	36.4	54.6





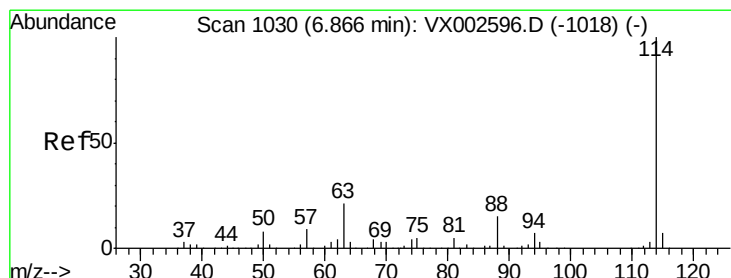
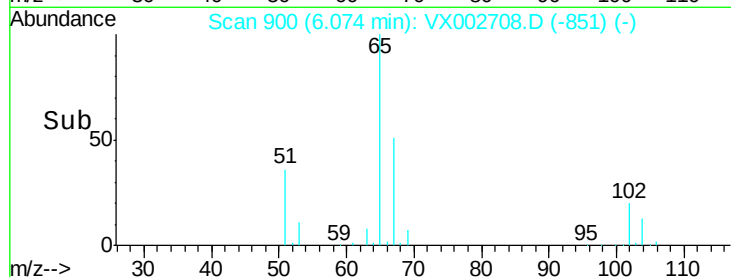
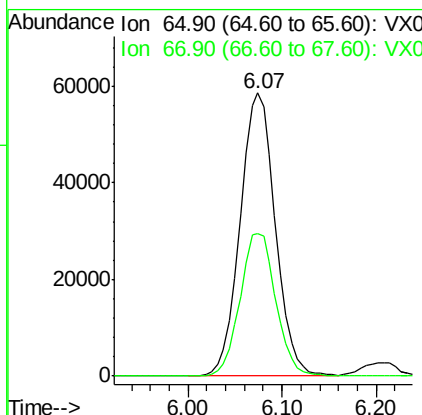
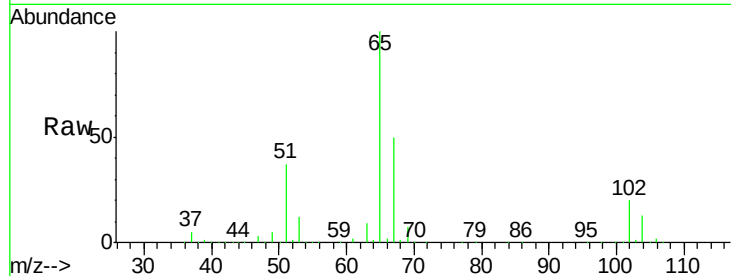
#33
 1,2-Dichloroethane-d4
 Concen: 48.234 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6

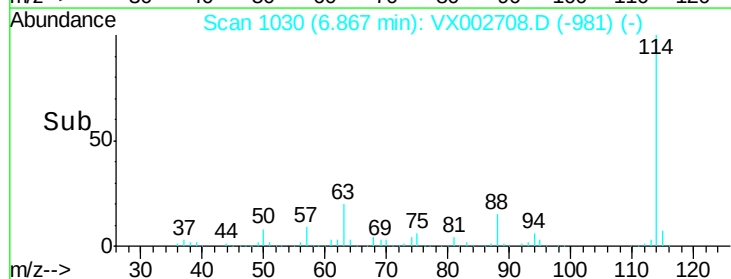
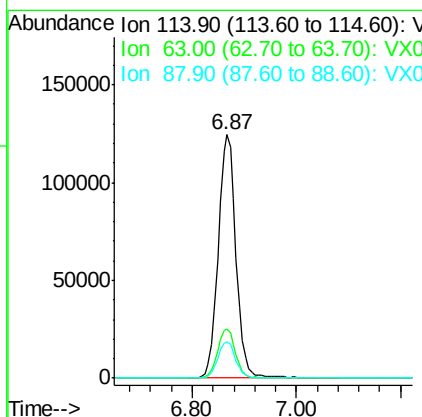
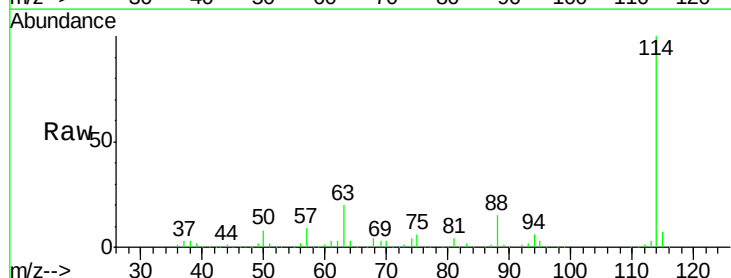
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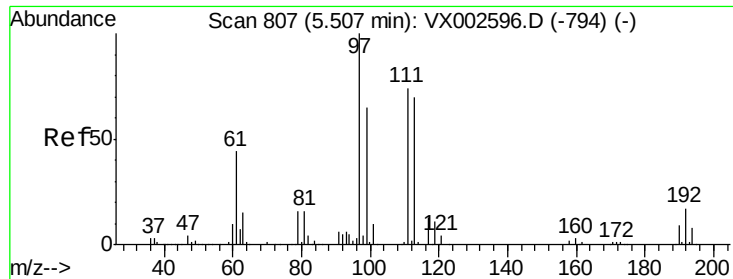
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	15.1	0.0	30.0





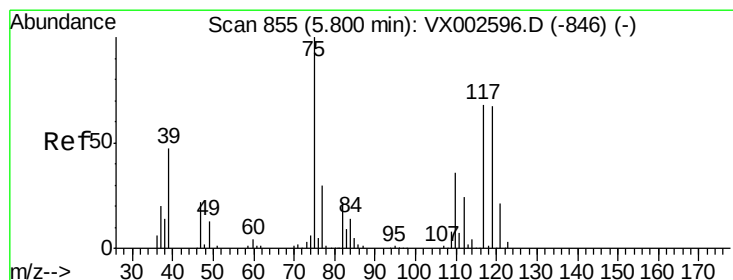
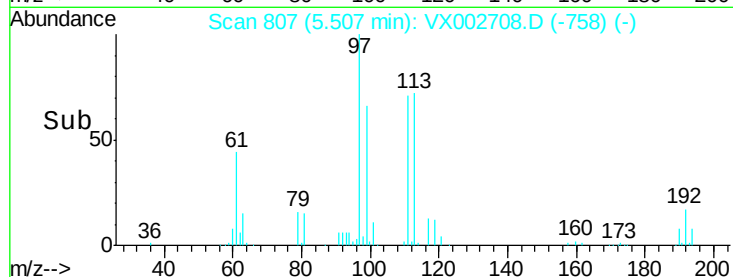
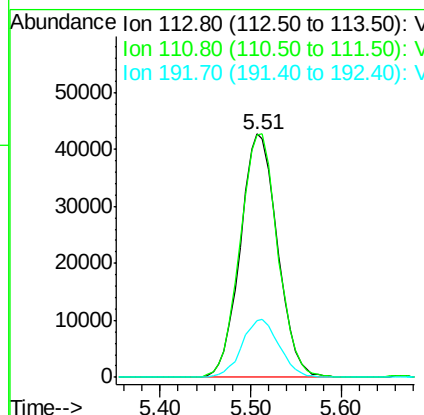
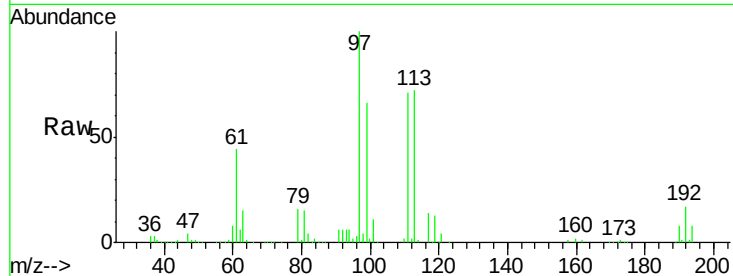
#35
 Dibromofluoromethane
 Concen: 51.057 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121170		
111	101.2	81.4	122.0	
192	23.8	19.1	28.7	

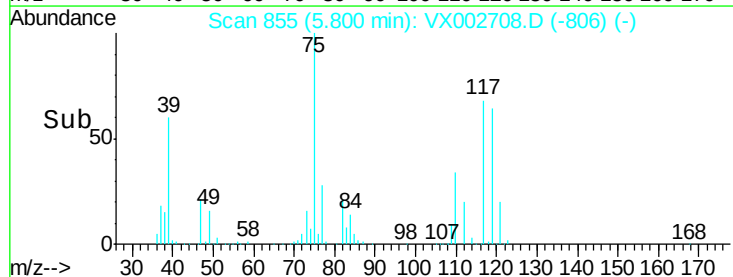
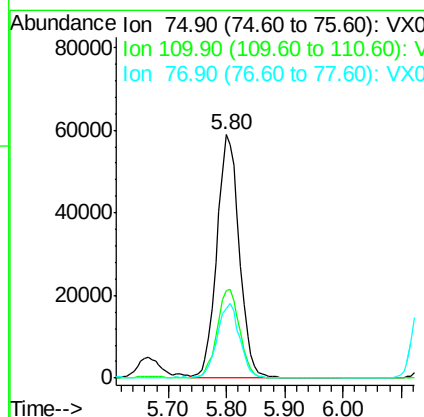
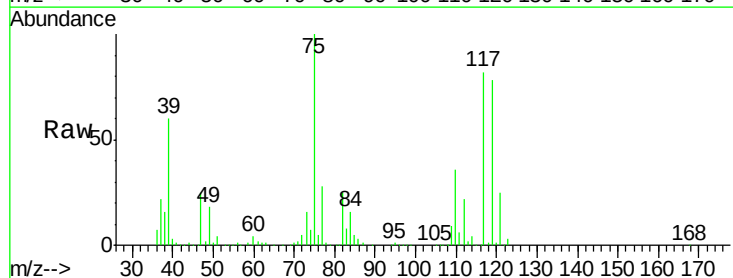
Manual Integrations
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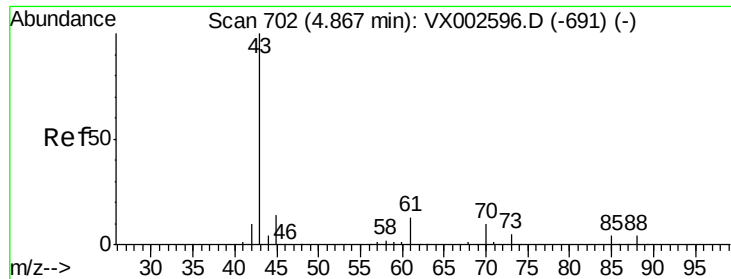
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#36
 1,1-Dichloropropene
 Concen: 49.888 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	157554		
110	36.7	18.1	54.4	
77	30.8	24.3	36.5	





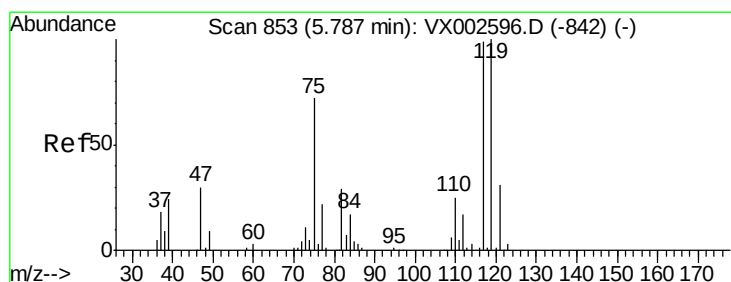
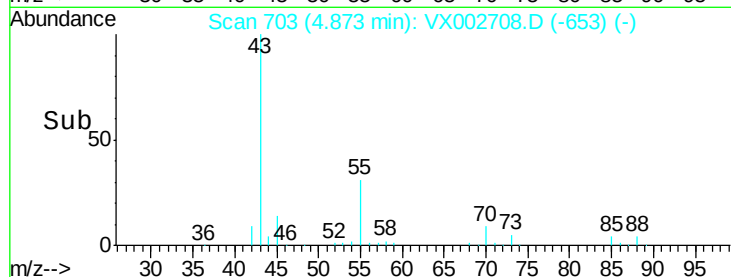
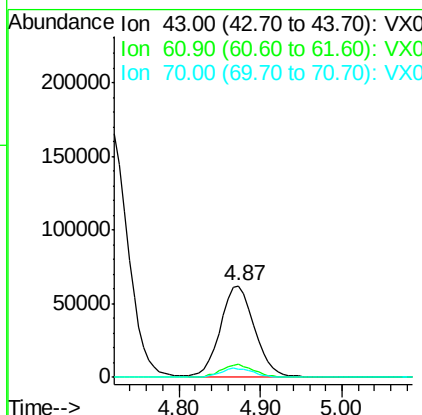
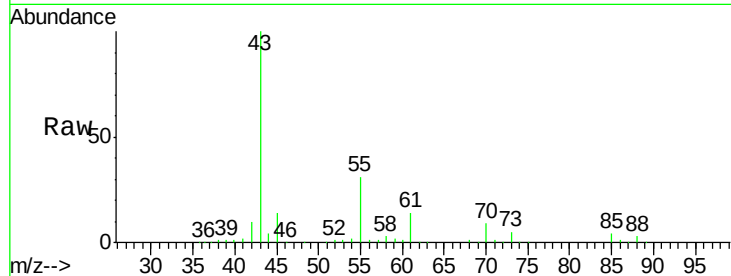
#37
Ethyl Acetate
Concen: 50.392 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.4	7.6	11.4

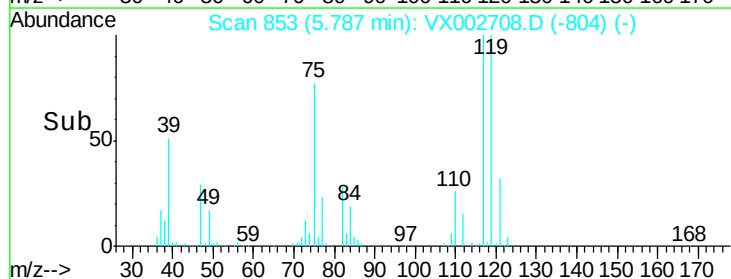
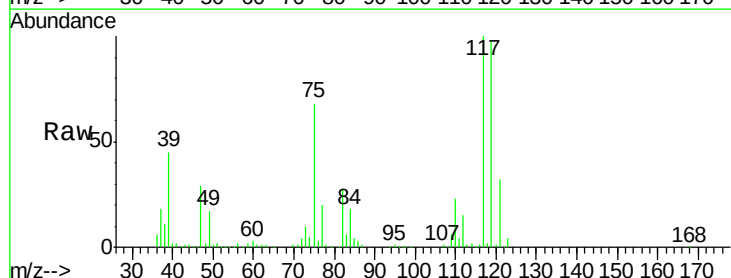
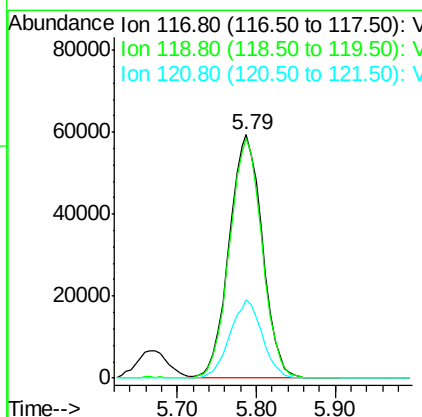
Manual Integrations
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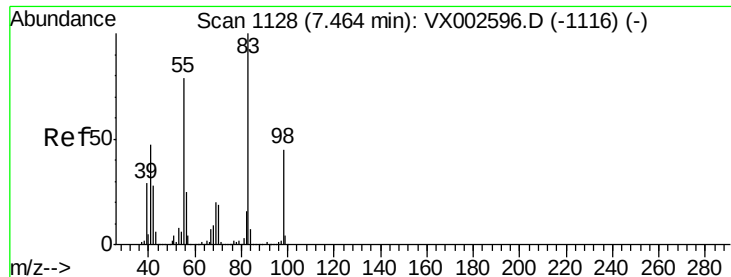
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#38
Carbon Tetrachloride
Concen: 55.134 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.4	116.0
121	32.1	24.4	36.6





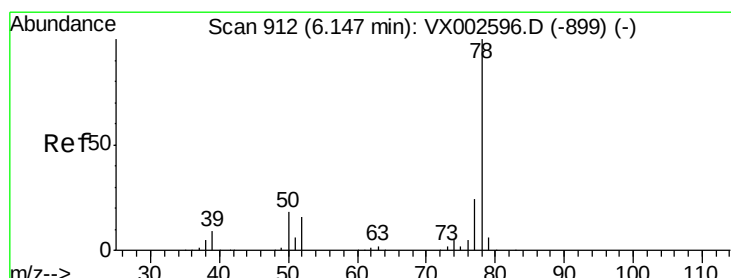
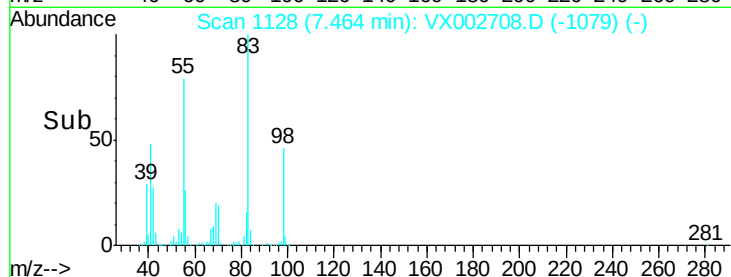
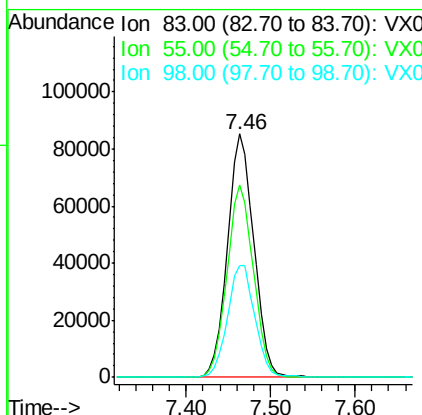
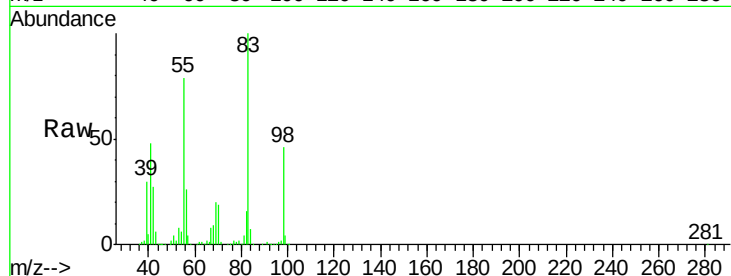
#39
Methylvlcyclohexane
Concen: 49.217 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	65.4	98.0
98	46.2	37.4	56.0

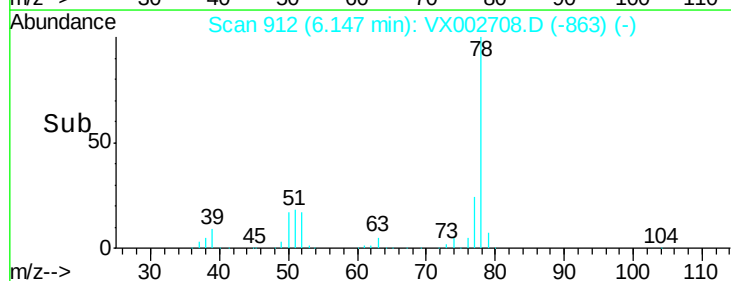
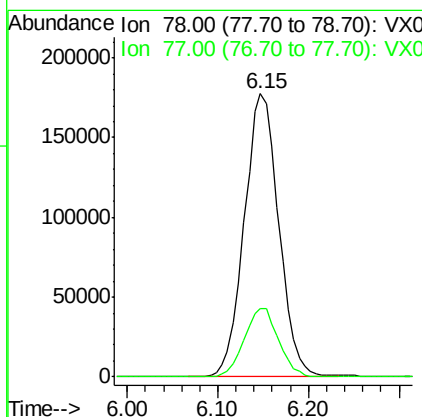
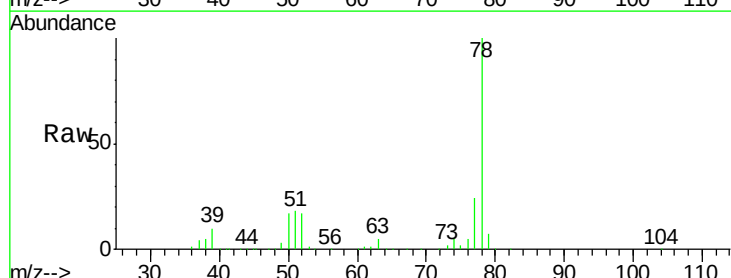
Manual Integrations
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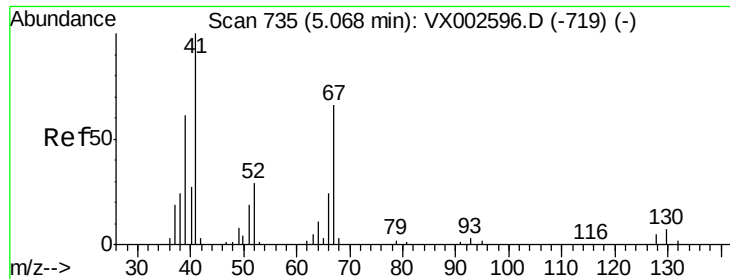
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#40
Benzene
Concen: 49.337 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





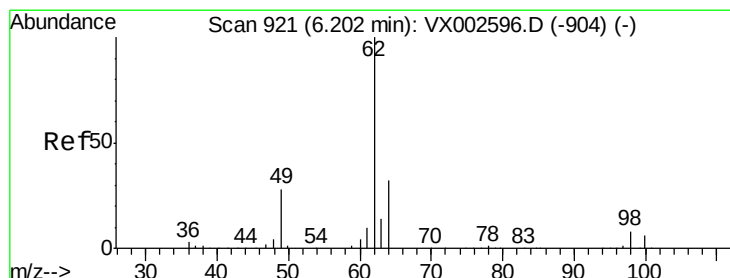
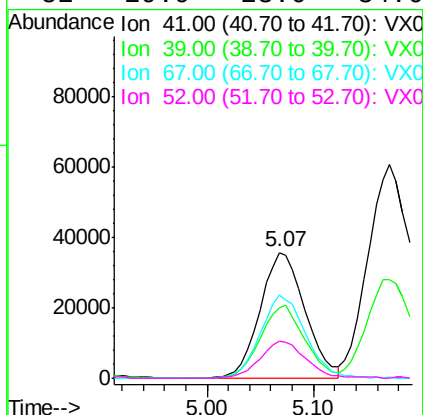
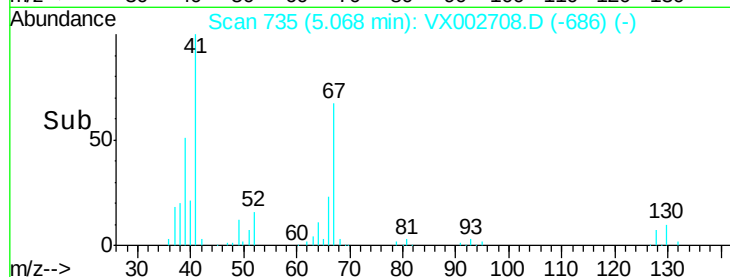
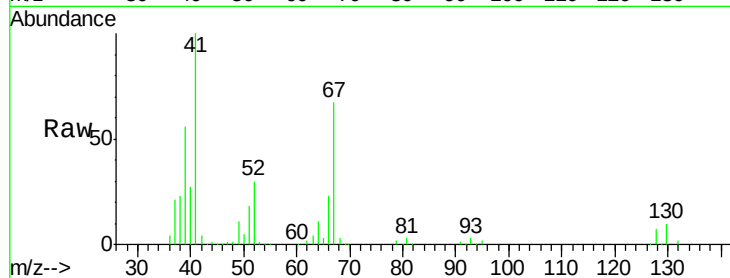
#41
Methacrylonitrile
Concen: 51.650 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.8	68.6
67	66.5	51.3	76.9
52	29.9	23.0	34.6

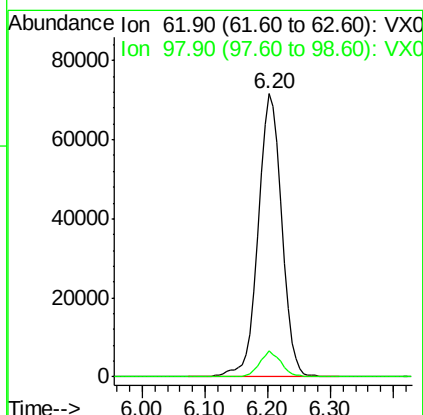
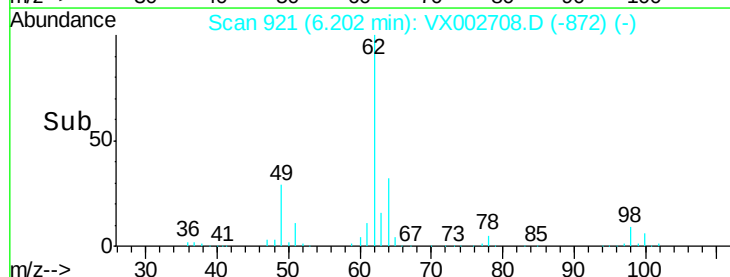
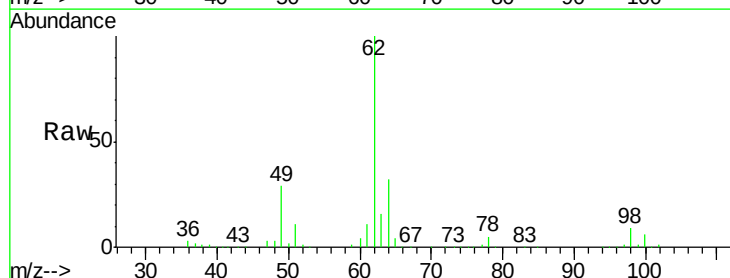
Manual Integrations
APPROVED

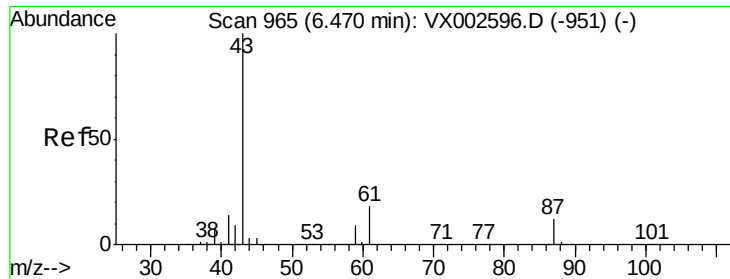
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.929 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





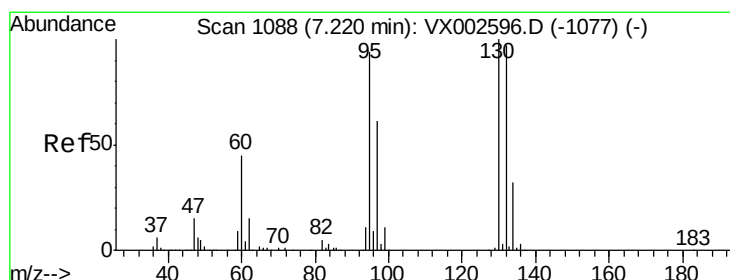
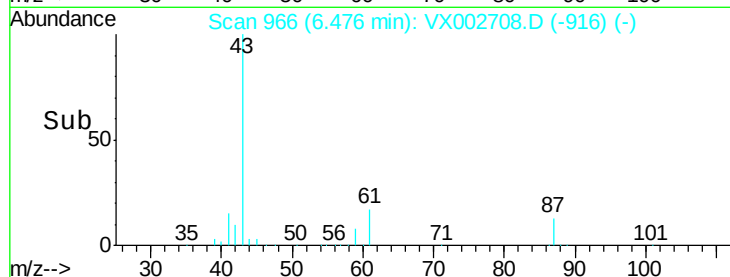
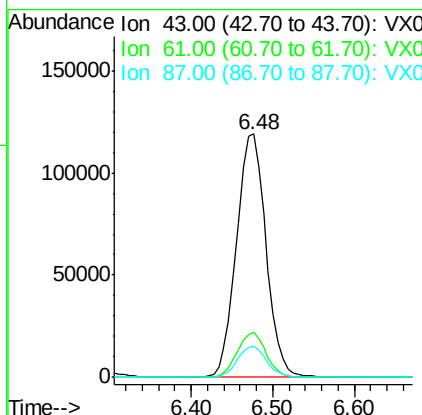
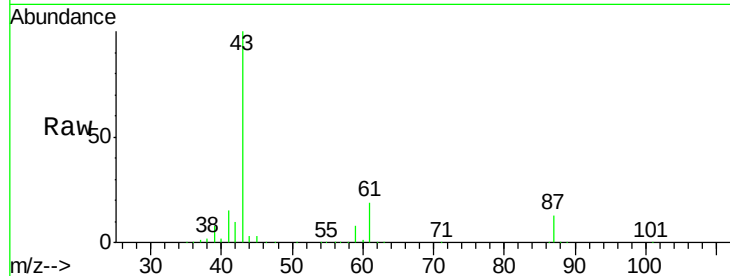
#43
Isopropyl Acetate
Concen: 50.205 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.4	9.5	14.3

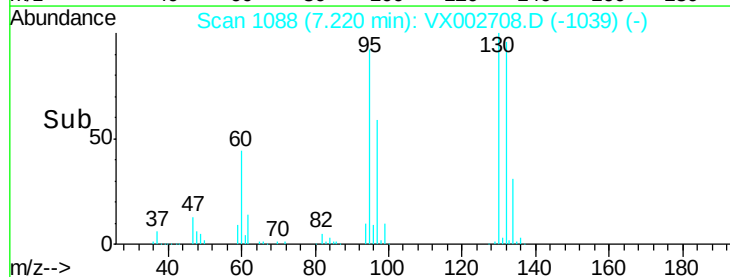
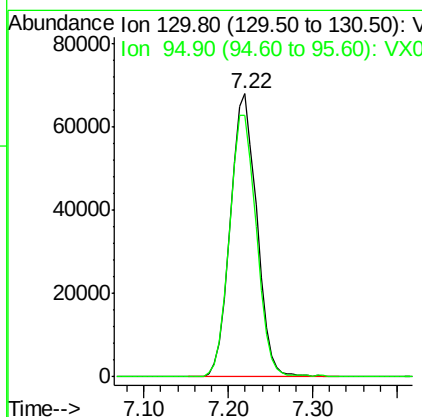
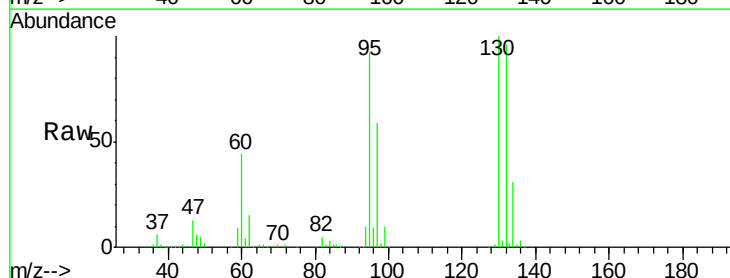
Manual Integrations
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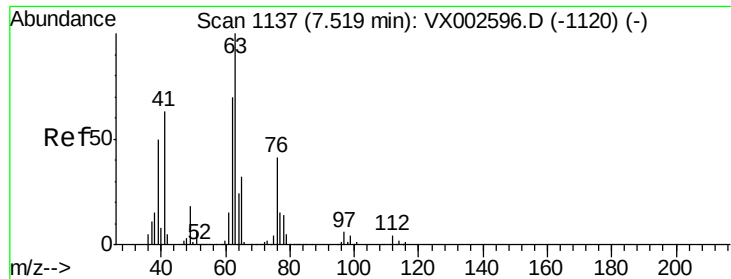
MMDadoda
6/19/2018 1:05:37 PM



#44
Trichloroethene
Concen: 52.888 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.4





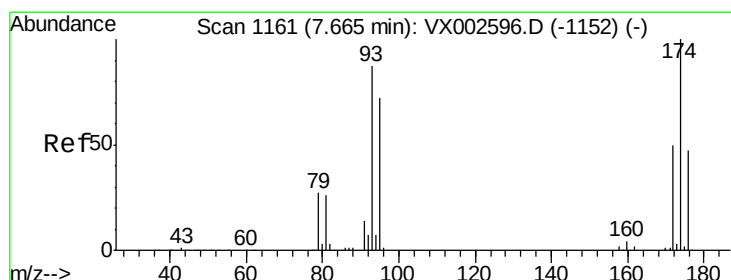
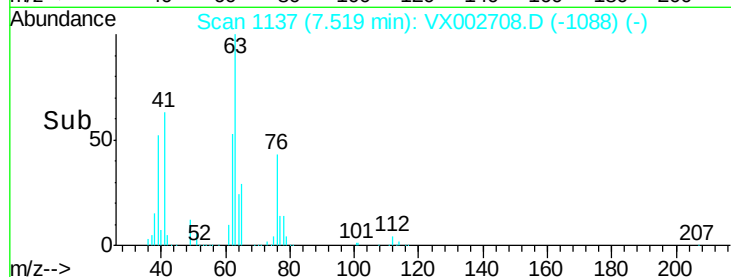
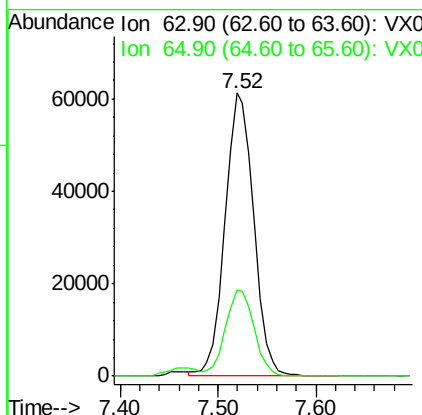
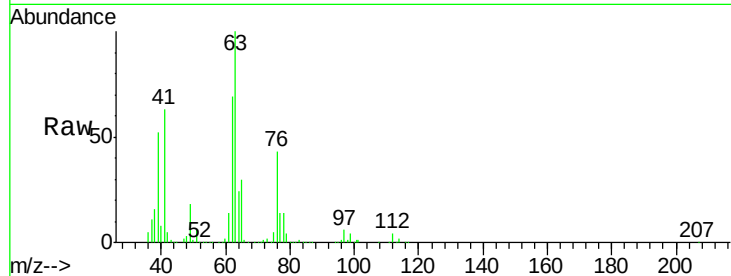
#45
 1,2-Dichloropropane
 Concen: 49.718 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 63 Resp: 123913
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1

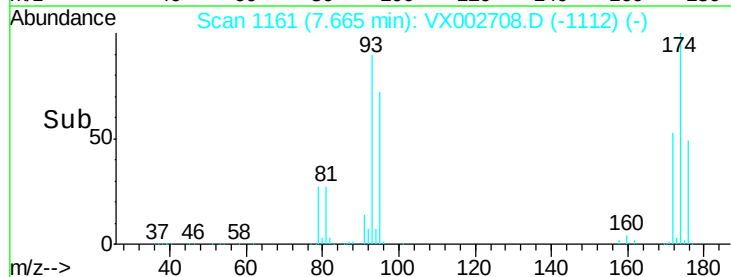
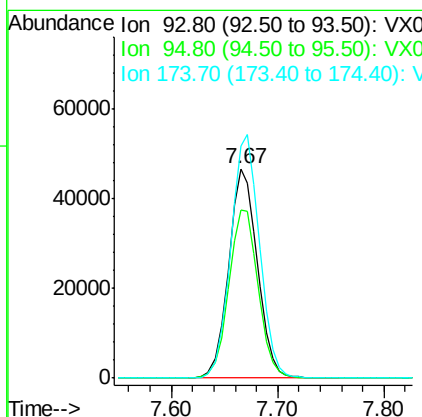
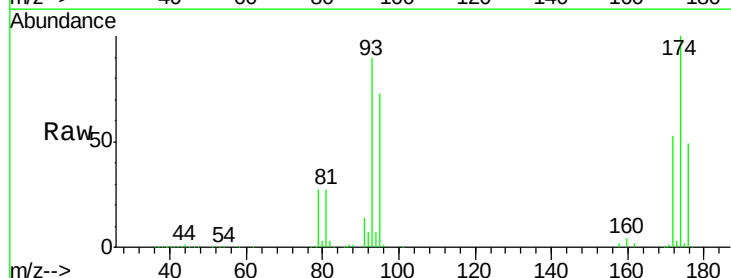
Manual Integrations
 APPROVED

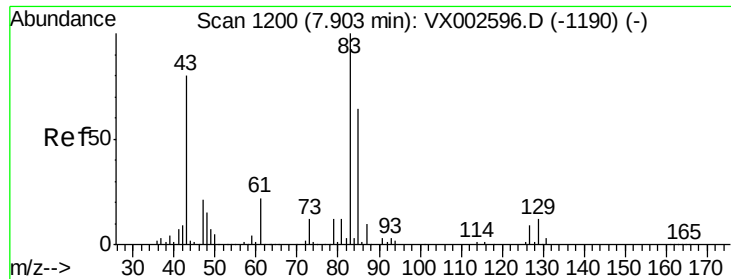
MMDadoda
 6/19/2018 1:05:37 PM



#46
 Dibromomethane
 Concen: 52.940 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion: 93 Resp: 88259
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.9 98.9
 174 116.6 92.4 138.6





#47

Bromodichloromethane

Concen: 55.582 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 163435

Ion Ratio Lower Upper

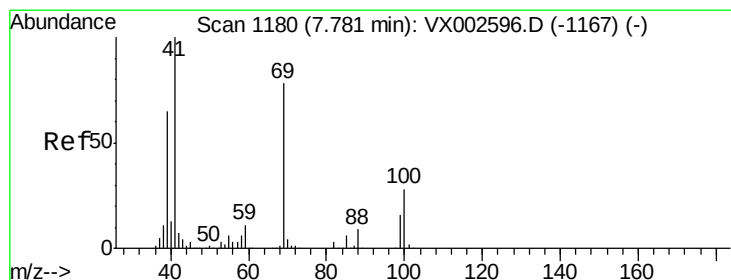
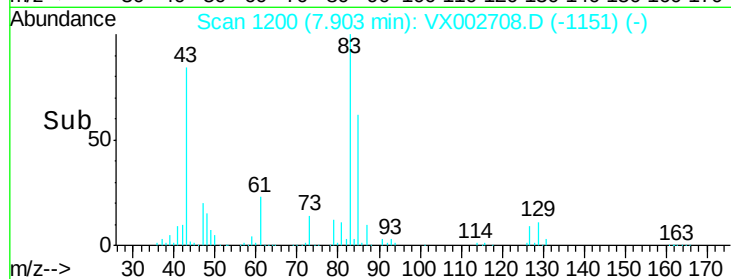
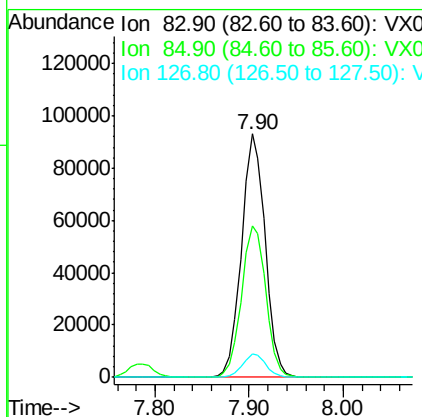
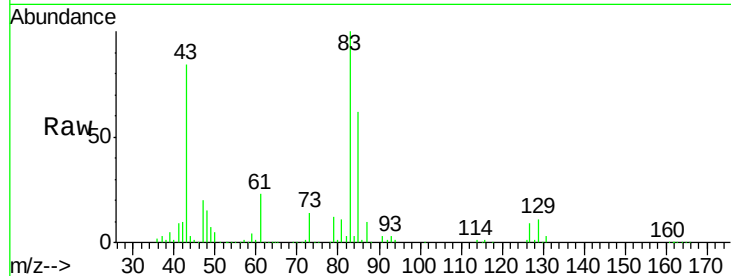
83 100

85 62.3 50.3 75.5

127 9.5 7.0 10.4

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 50.763 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

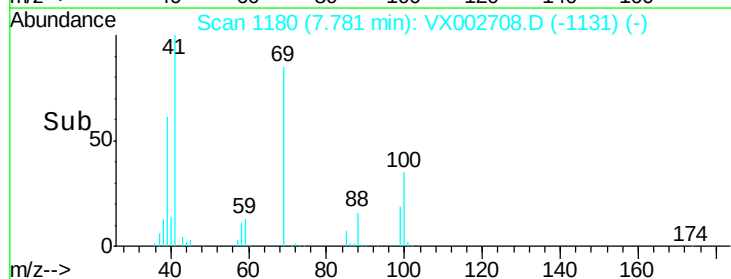
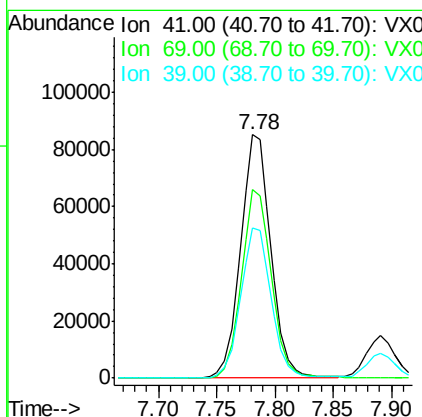
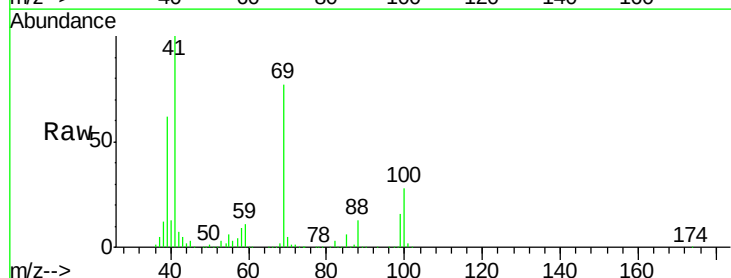
Tgt Ion: 41 Resp: 153633

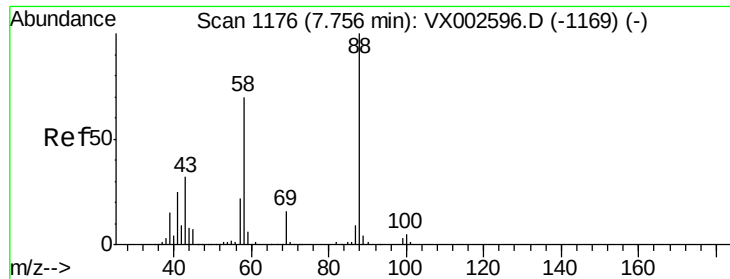
Ion Ratio Lower Upper

41 100

69 77.0 59.1 88.7

39 61.9 48.9 73.3





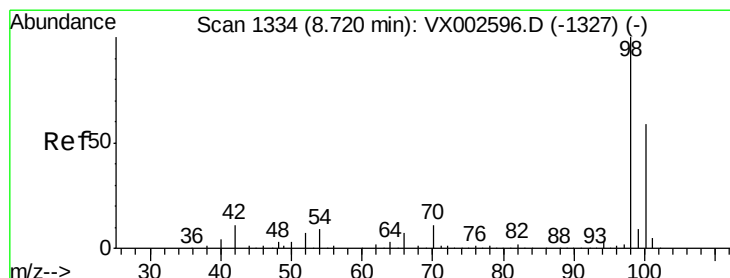
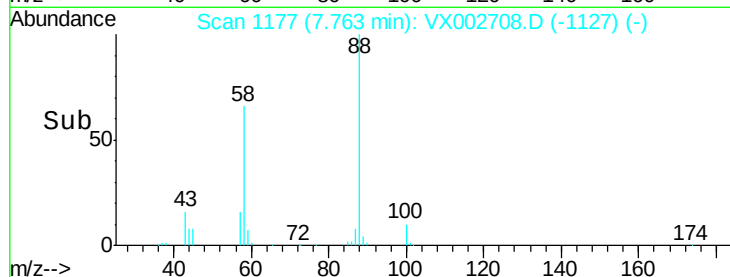
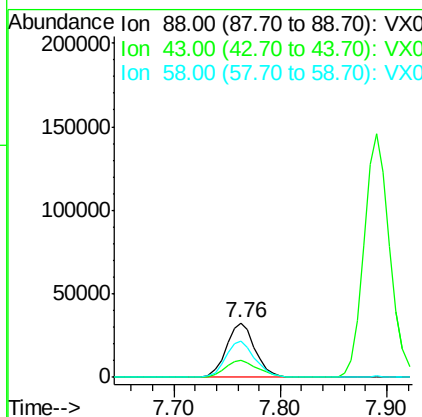
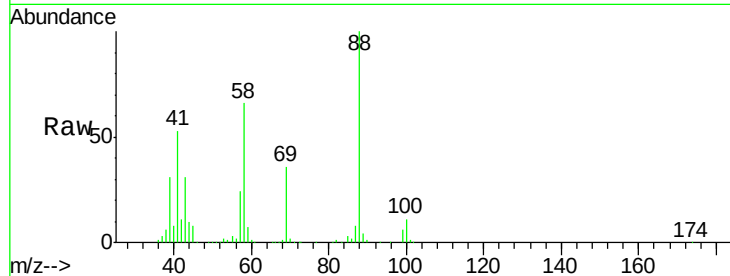
#49
1,4-Dioxane
Concen: 1063.825 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	29.8	44.6
58	69.1	57.1	85.7

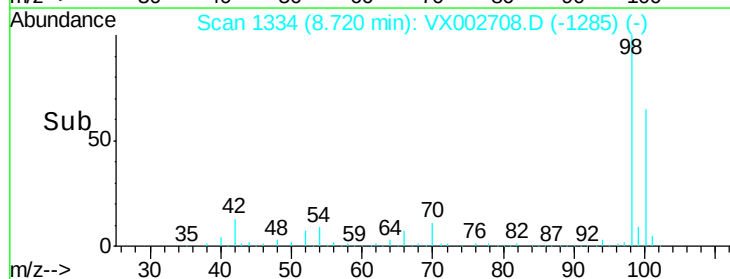
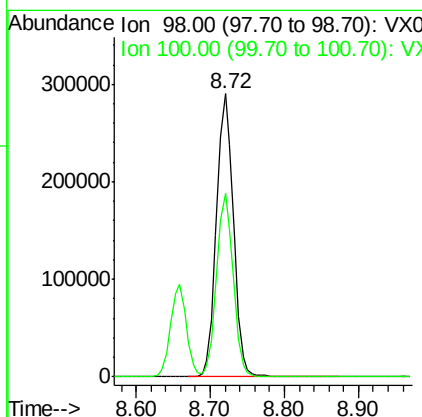
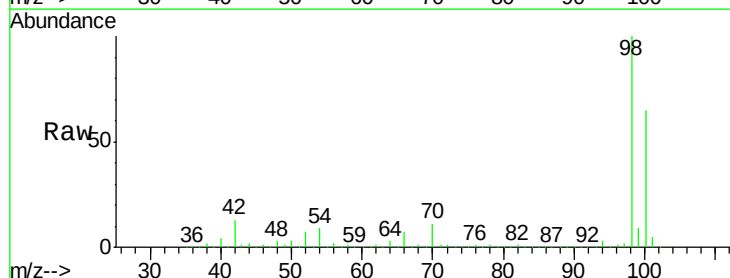
Manual Integrations
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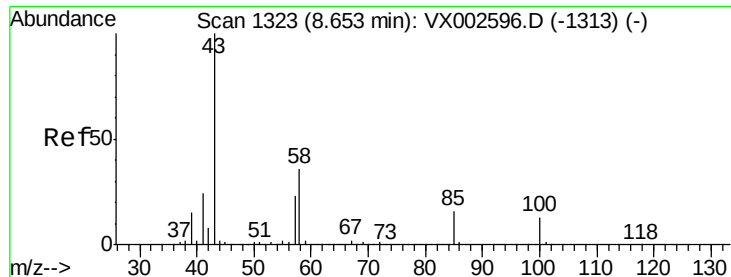
MMDadoda
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#50
Toluene-d8
Concen: 50.313 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





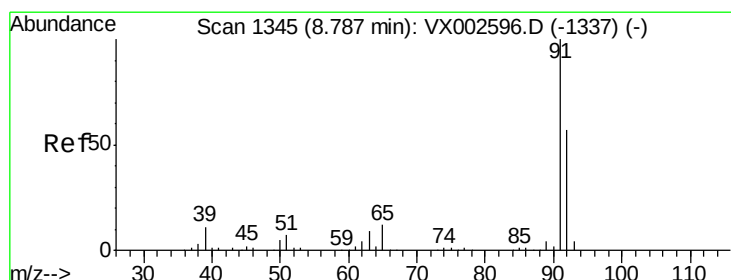
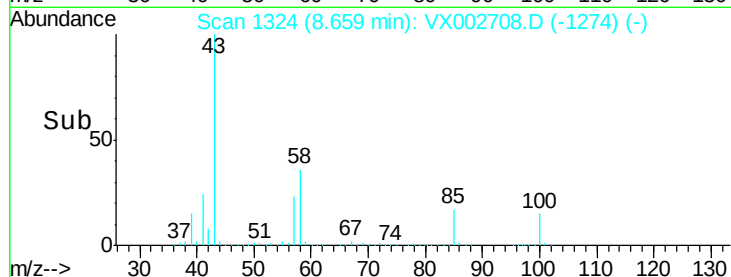
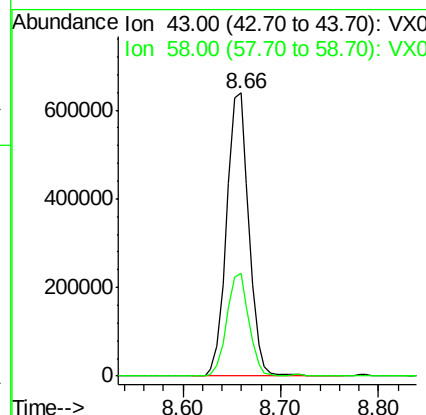
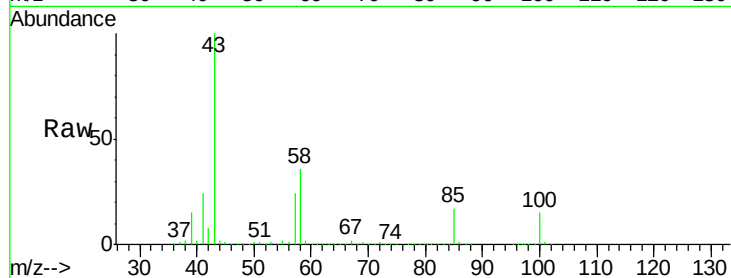
#51
4-Methyl-2-Pentanone
Concen: 264.931 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1007436
Ion Ratio Lower Upper
43 100
58 35.8 28.6 42.8

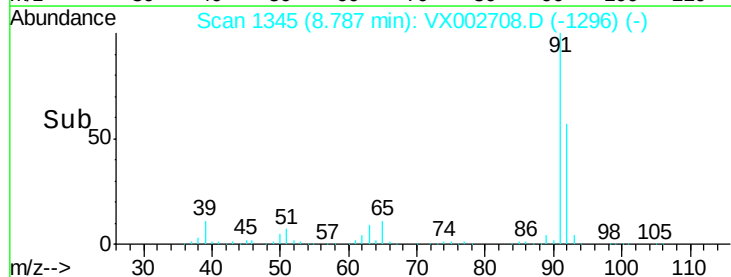
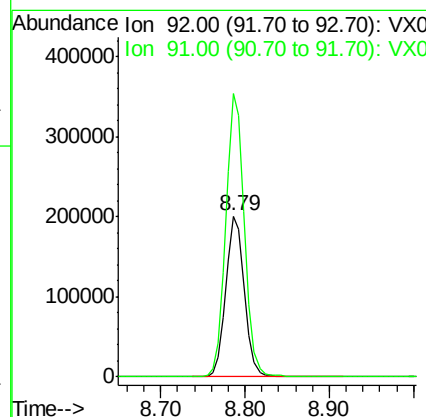
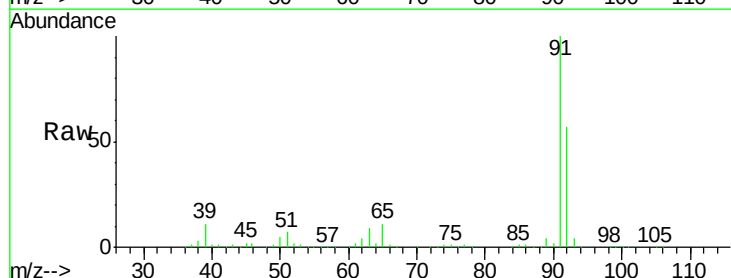
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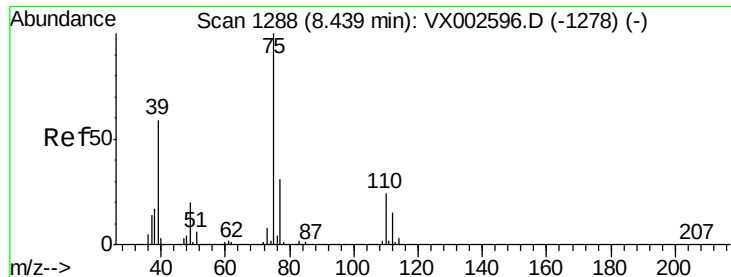
MMDadoda
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#52
Toluene
Concen: 50.967 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion: 92 Resp: 307879
Ion Ratio Lower Upper
92 100
91 175.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 45.448 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Tot Ion: 75 Resp: 176009

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

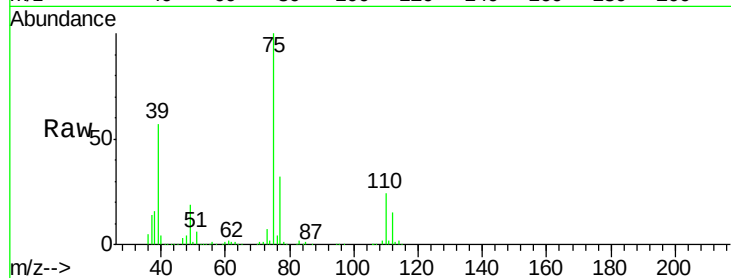
VSTDCCC050EC

Manual Integrations

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6/19/2018 1:05:37 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

120000

100000

80000

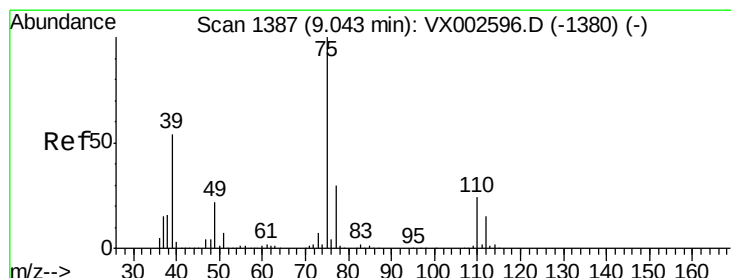
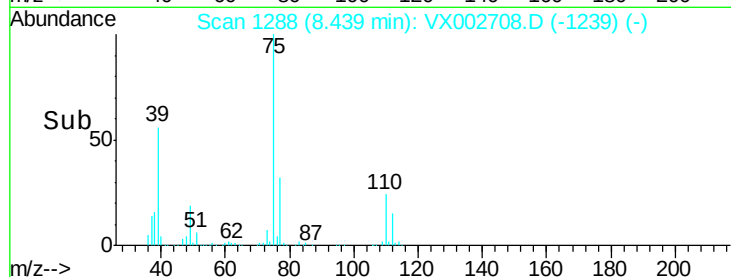
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.129 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

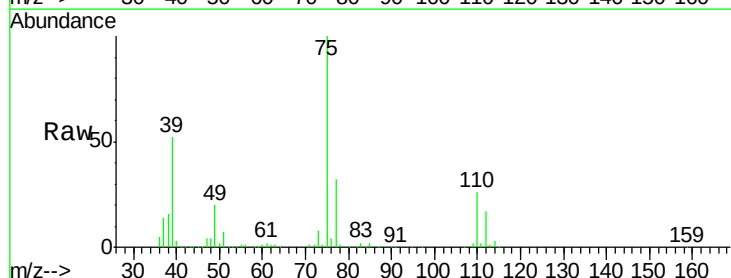
Tgt Ion: 75 Resp: 162357

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 51.5 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

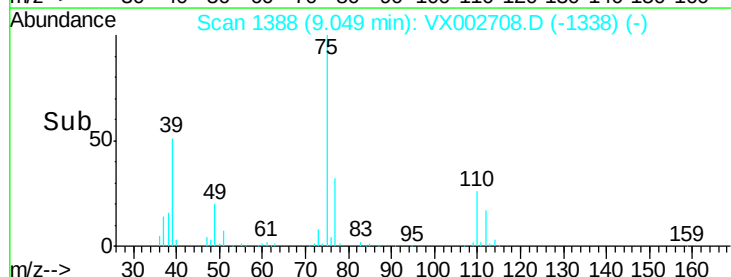
150000

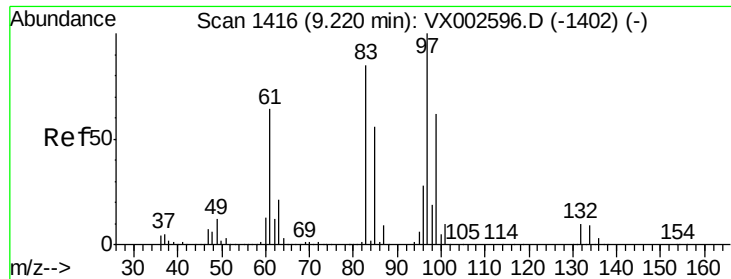
100000

50000

0

Time-->





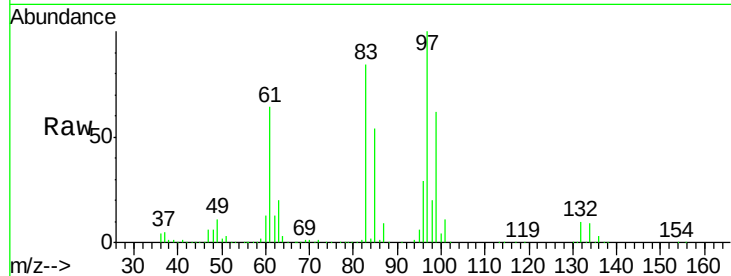
#55
 1,1,2-Trichloroethane
 Concen: 53.417 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

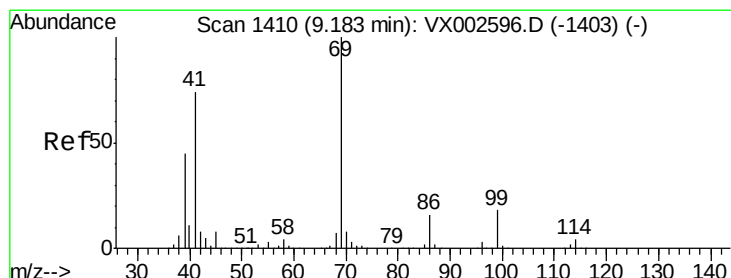
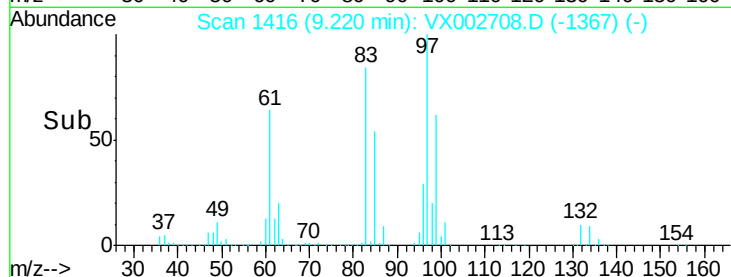
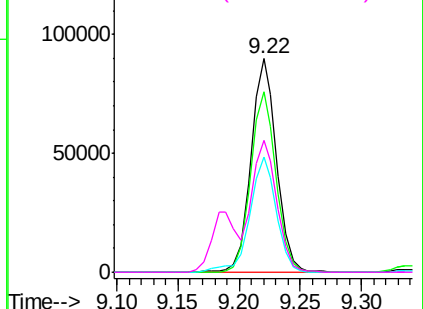
Tot Ion:	97	Resp:	130384
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.2
85	53.7	44.9	67.3
99	61.9	49.8	74.8

Manual Integrations
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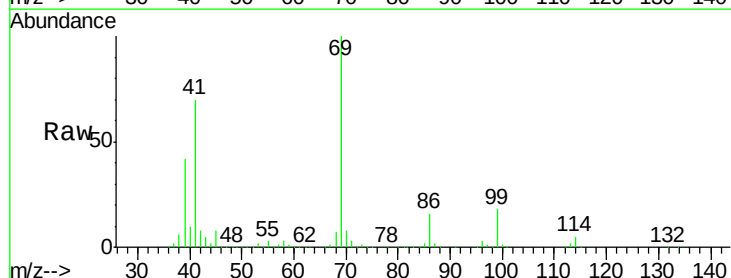


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

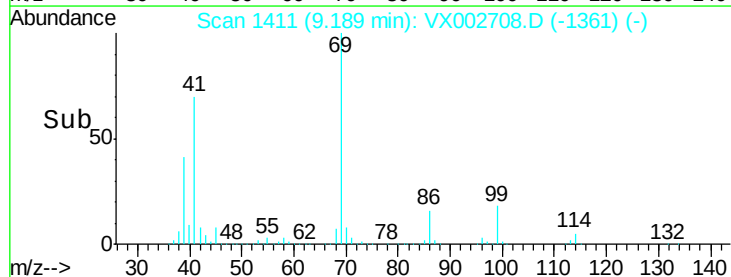
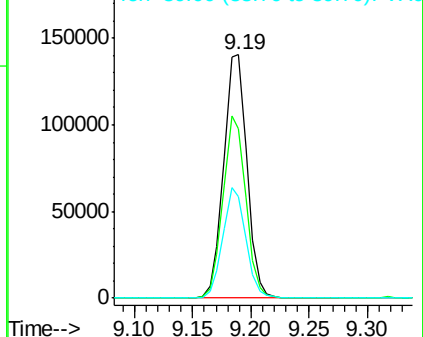


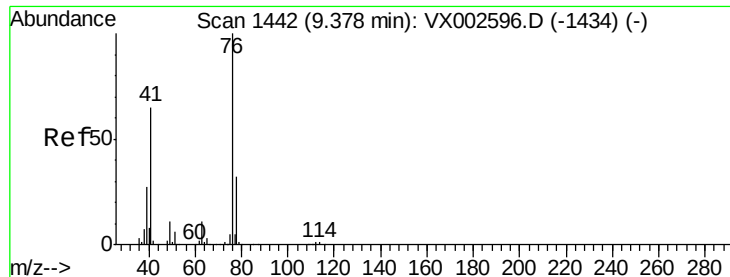
#56
 Ethyl methacrylate
 Concen: 52.044 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion:	69	Resp:	195494
Ion	Ratio	Lower	Upper
69	100		
41	73.0	60.3	90.5
39	44.1	35.8	53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.927 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 210238

Ion Ratio Lower Upper

76 100

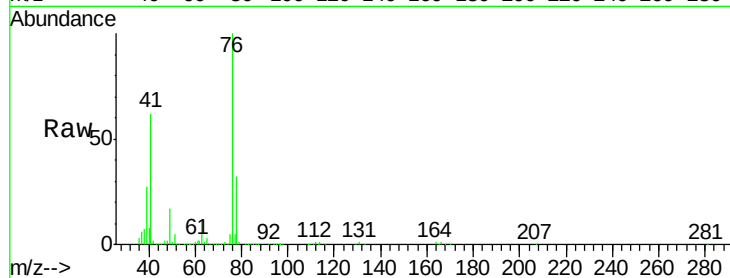
78 32.6 25.8 38.6

Manual Integrations

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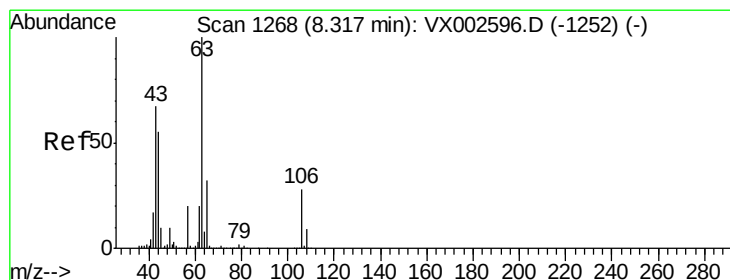
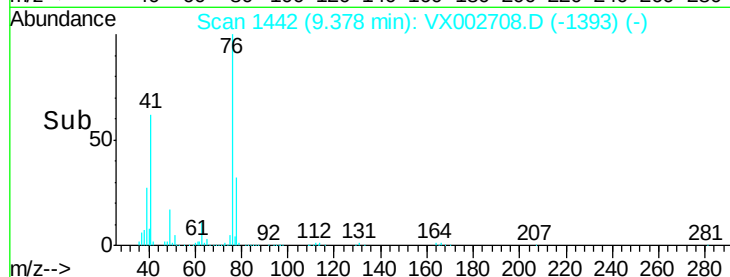
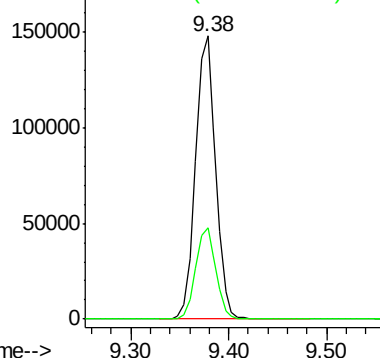
MMDadoda

6/19/2018 1:05:37 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 246.966 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002708.D

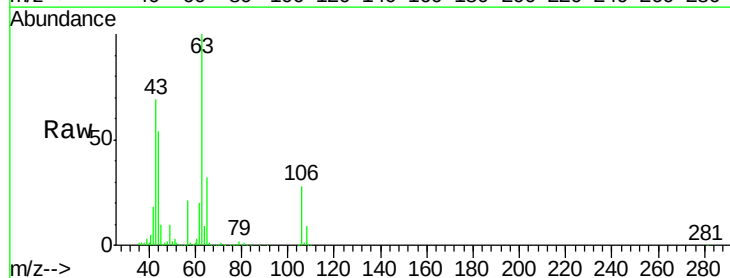
Acq: 19 Jun 2018 05:00

Tgt Ion: 63 Resp: 448691

Ion Ratio Lower Upper

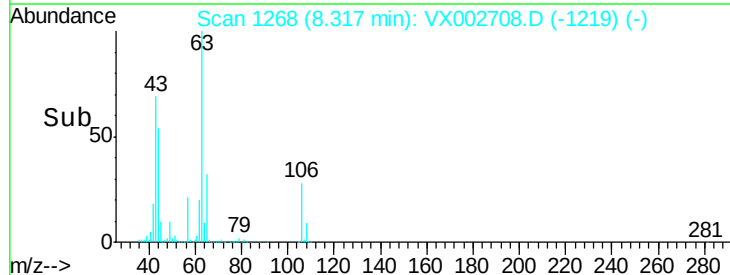
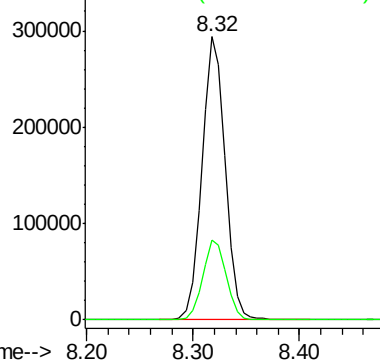
63 100

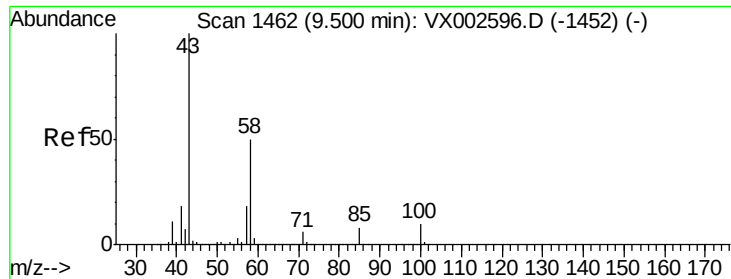
106 28.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





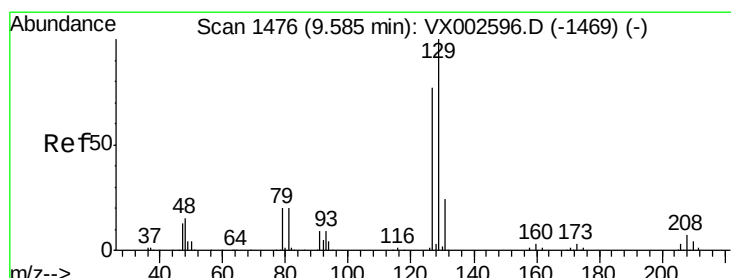
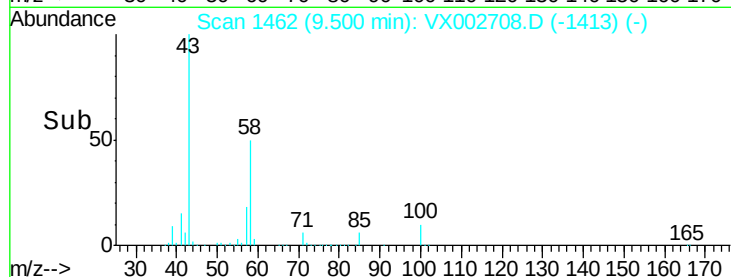
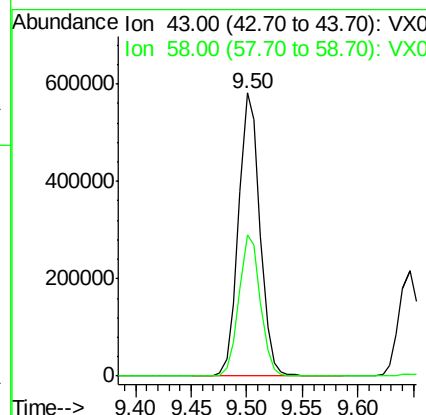
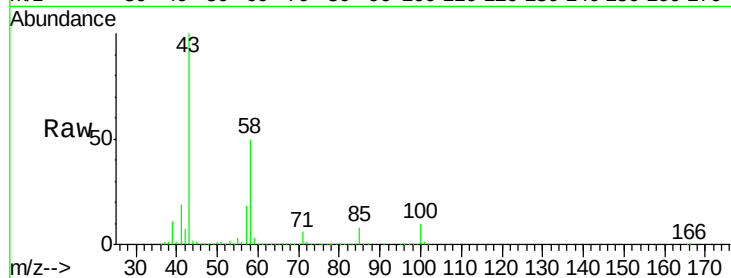
#59
2-Hexanone
Concen: 269.684 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 772761
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6

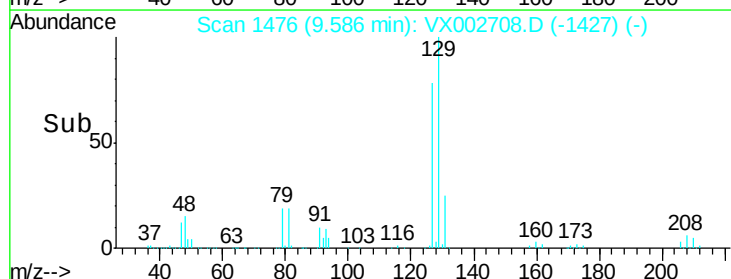
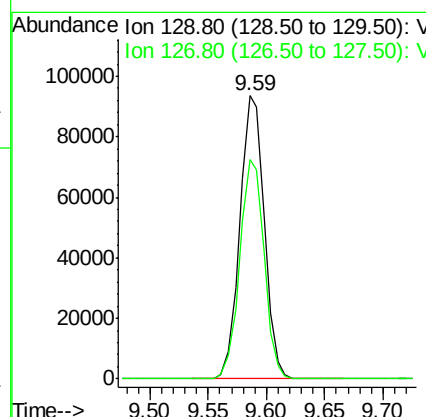
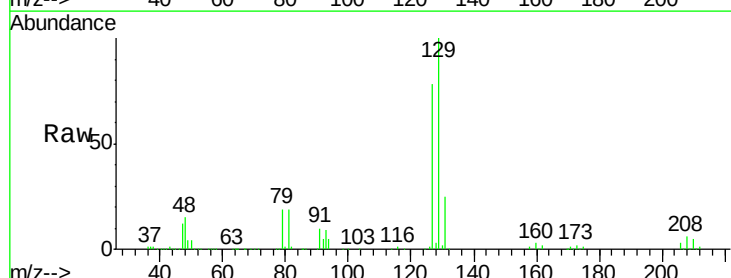
Manual Integrations
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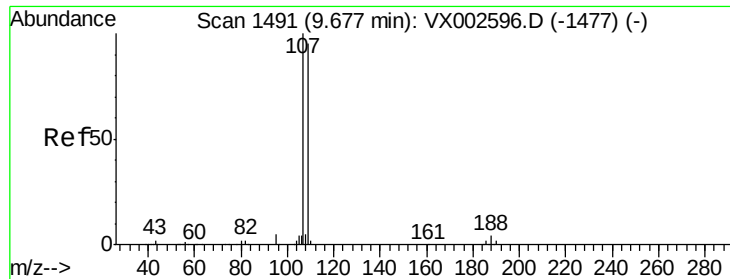
MMDadoda
6/19/2018 1:05:37 PM



#60
Dibromochloromethane
Concen: 49.812 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion: 129 Resp: 136728
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





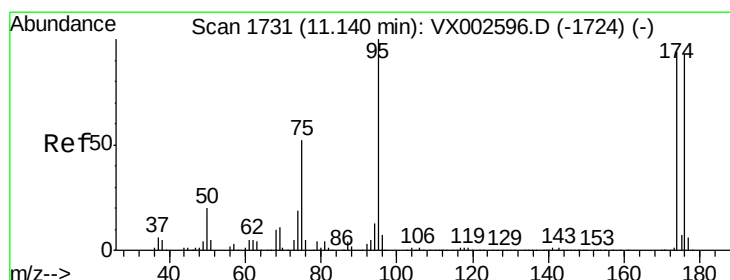
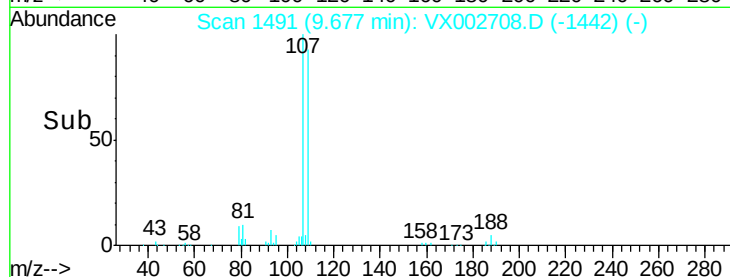
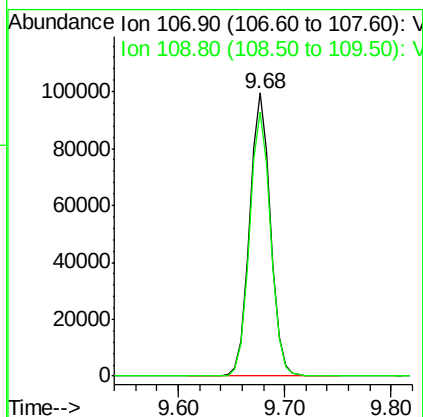
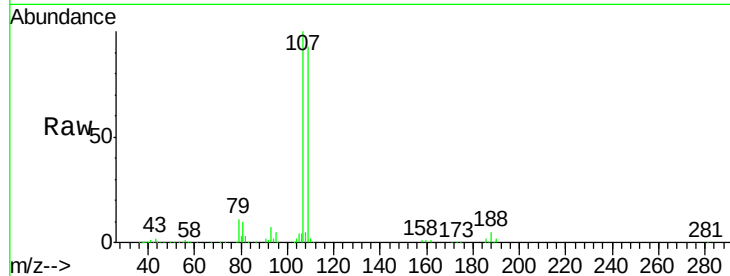
#61
 1,2-Dibromoethane
 Concen: 53.937 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9

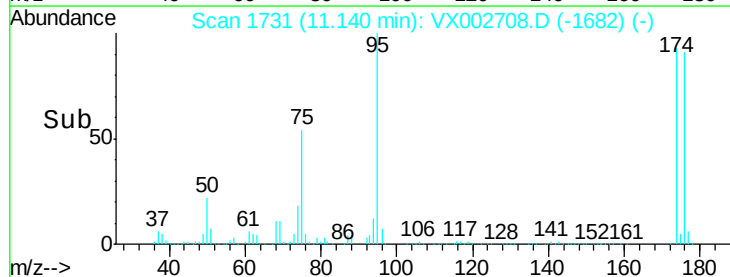
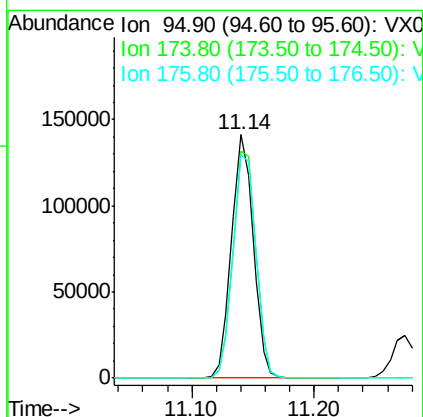
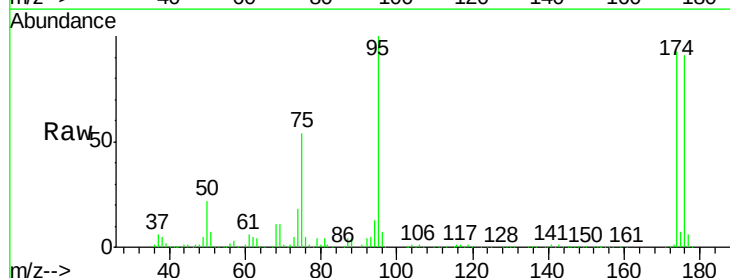
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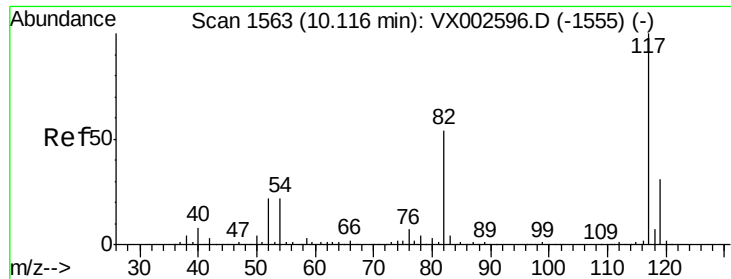
MMDadoda
 6/19/2018 1:05:37 PM



#62
 4-Bromofluorobenzene
 Concen: 50.792 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	187.4
176	96.4	0.0	181.0





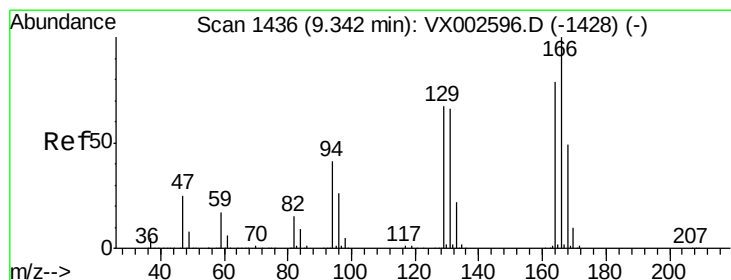
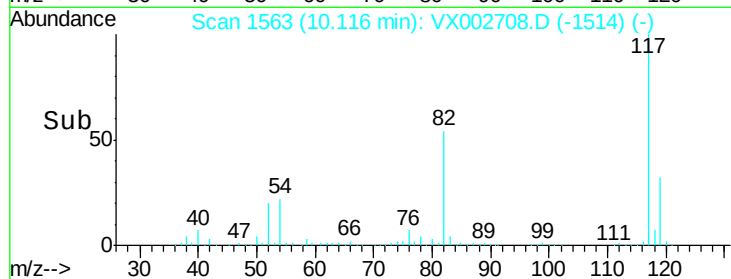
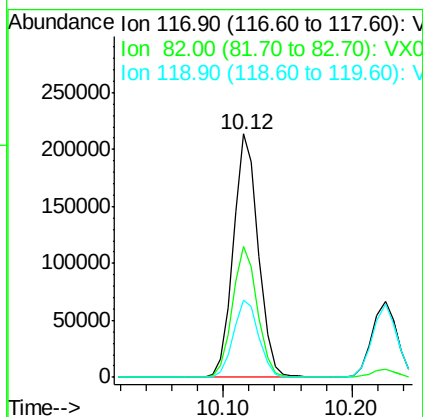
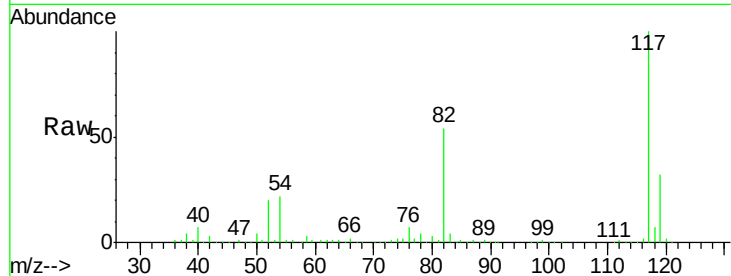
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.4
119	31.5	25.8	38.6

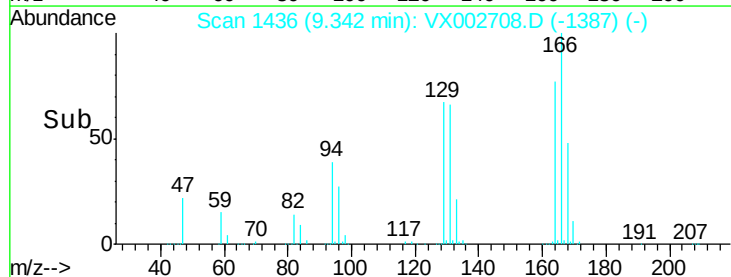
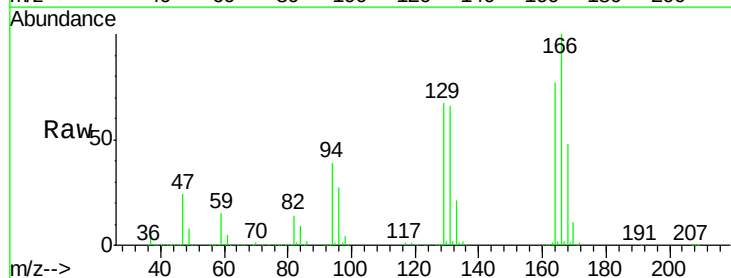
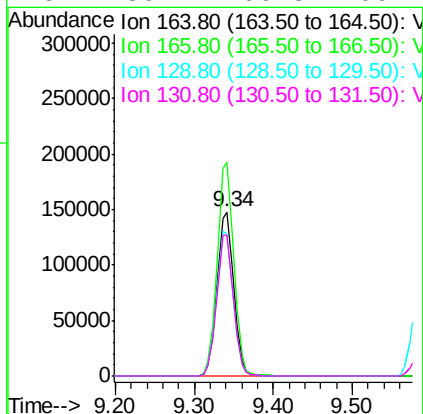
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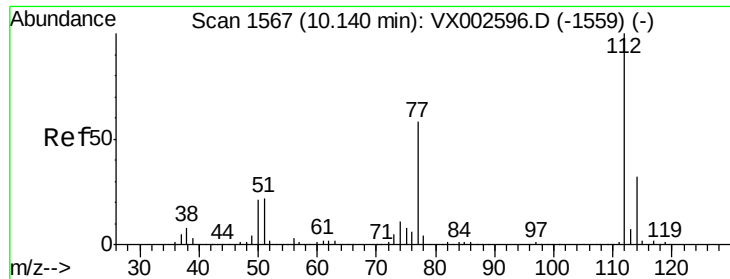
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#64
Tetrachloroethene
Concen: 68.362 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.9	154.3
129	86.9	68.6	102.8
131	85.7	66.8	100.2





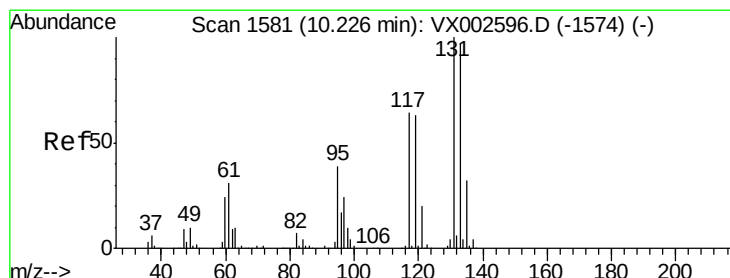
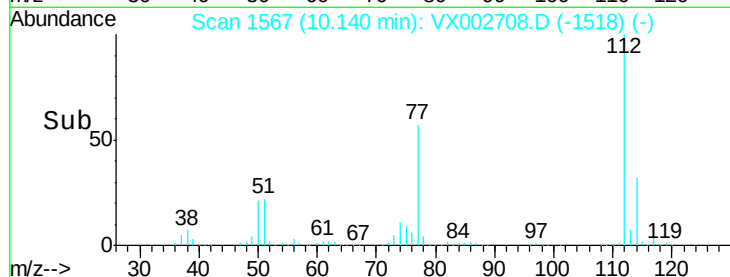
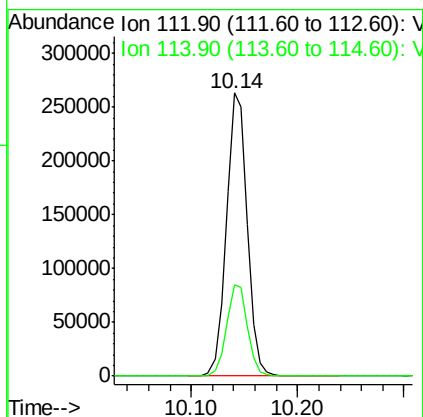
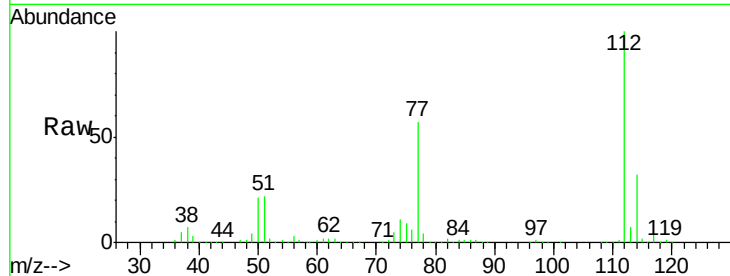
#65
Chlorobenzene
Concen: 50.725 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 359197
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

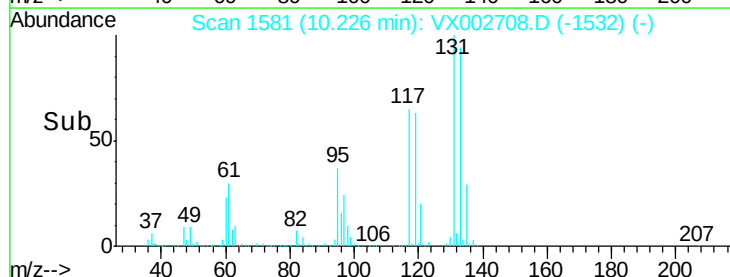
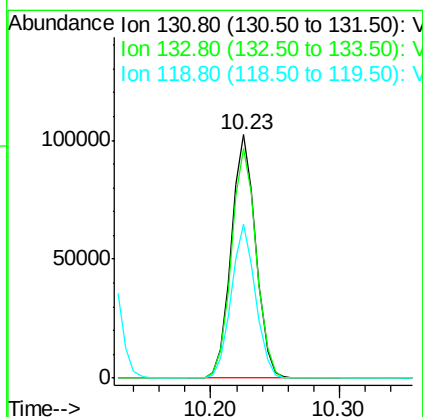
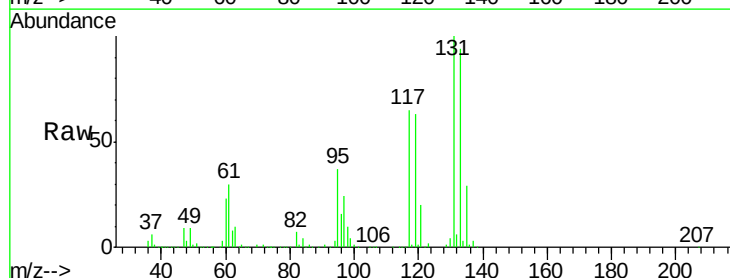
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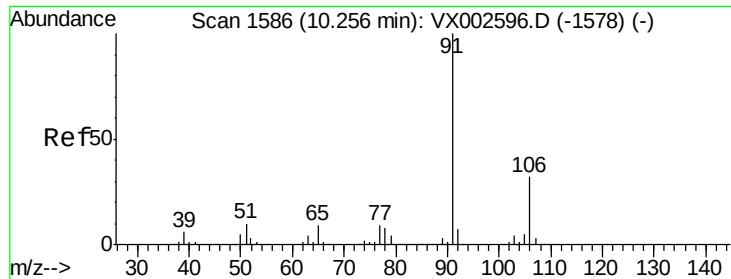
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.294 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion:131 Resp: 135905
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 62.6 31.8 95.3





#67

Ethyl Benzene

Concen: 51.304 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 612774

Ion Ratio Lower Upper

91 100

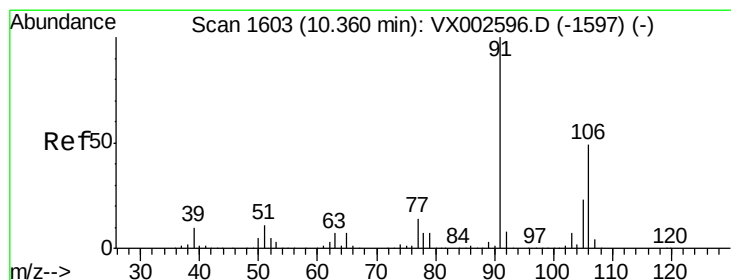
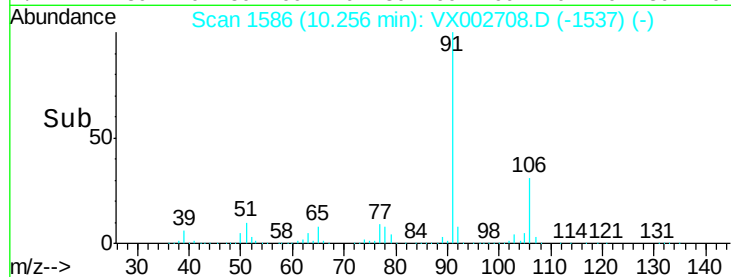
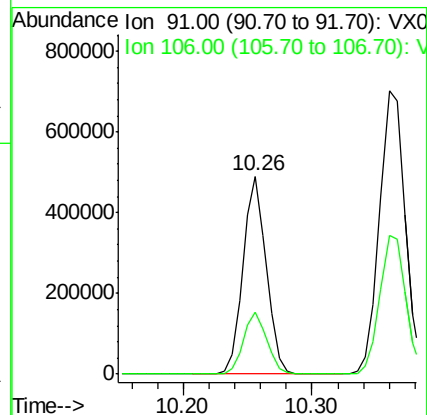
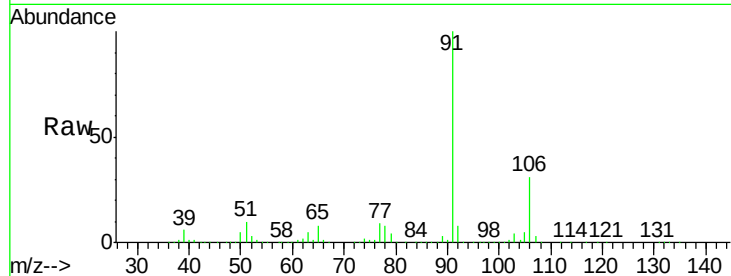
106 31.4 25.5 38.3

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#68

m/p-Xylenes

Concen: 103.157 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002708.D

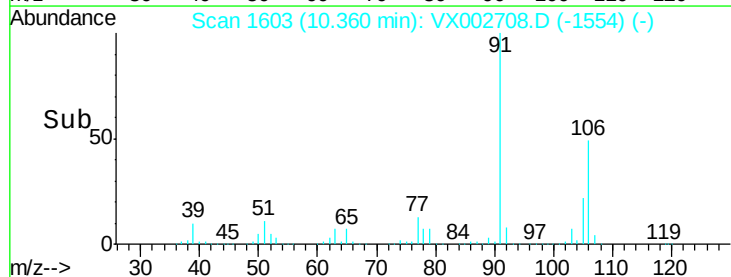
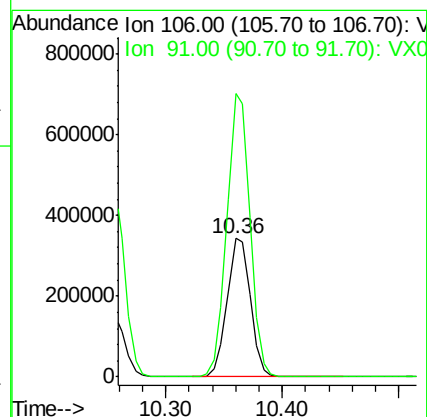
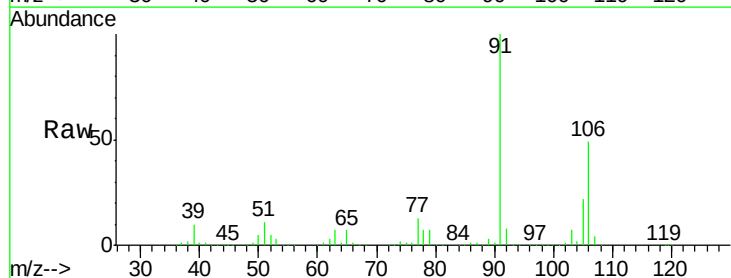
Acq: 19 Jun 2018 05:00

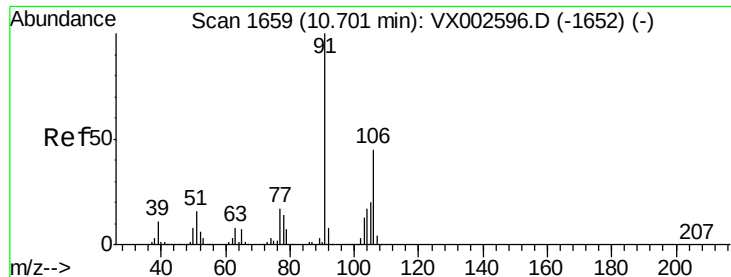
Tgt Ion: 106 Resp: 475280

Ion Ratio Lower Upper

106 100

91 202.0 163.4 245.2





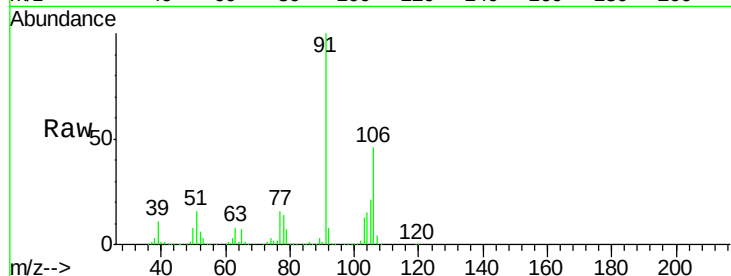
#69
o-Xylene
Concen: 51.634 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

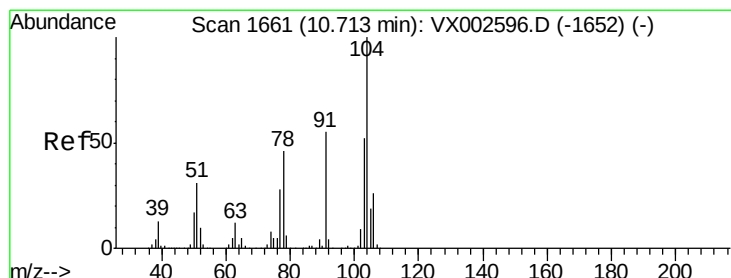
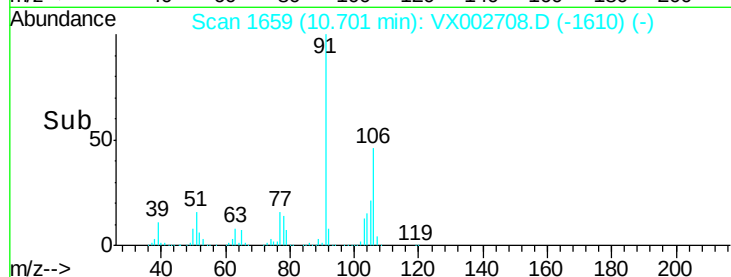
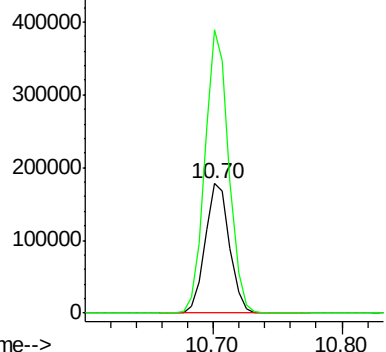
Tot Ion:106 Resp: 233729
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6

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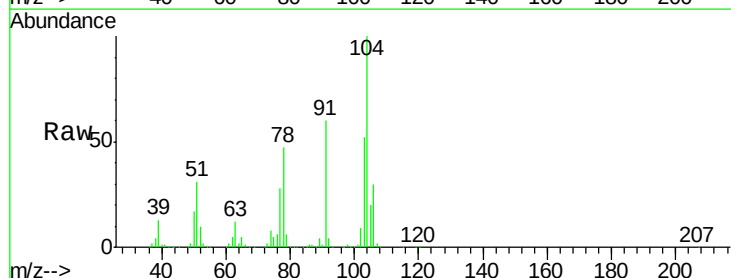


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

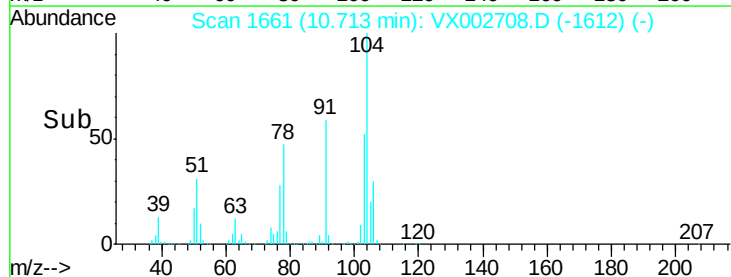
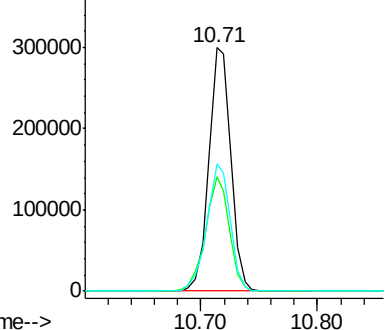


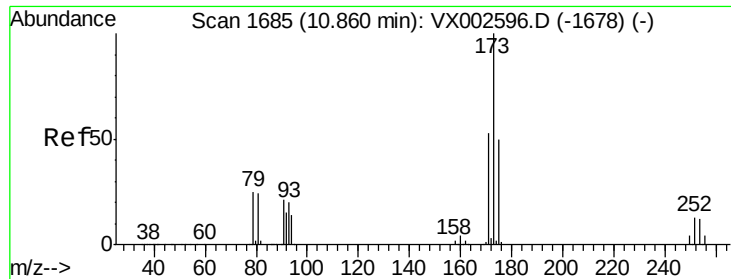
#70
Styrene
Concen: 52.974 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion:104 Resp: 394362
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.6
103 55.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





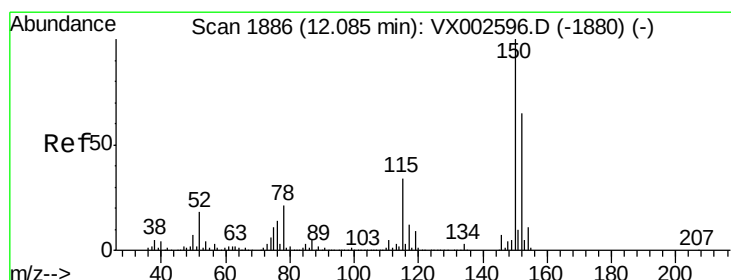
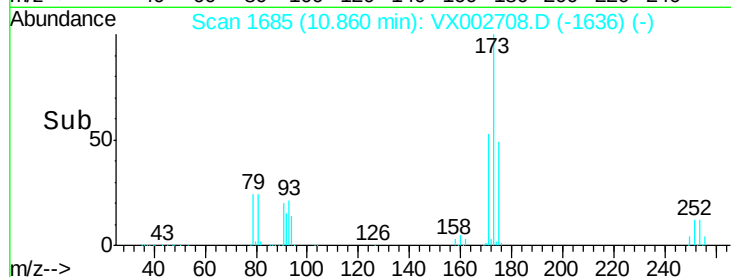
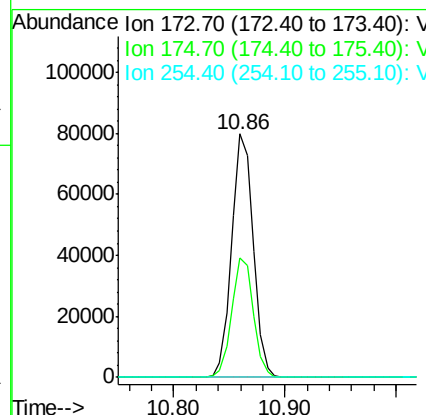
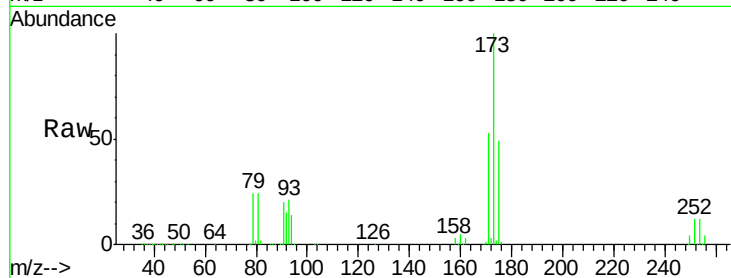
#71
Bromoform
Concen: 48.859 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

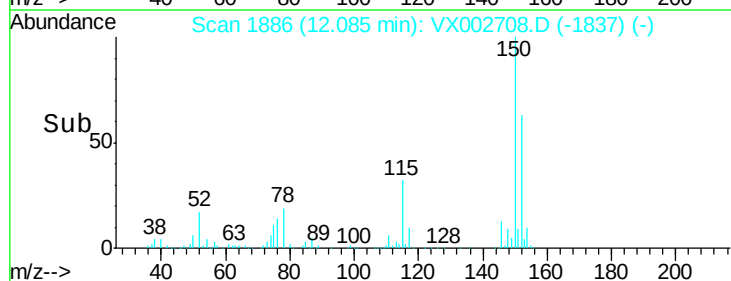
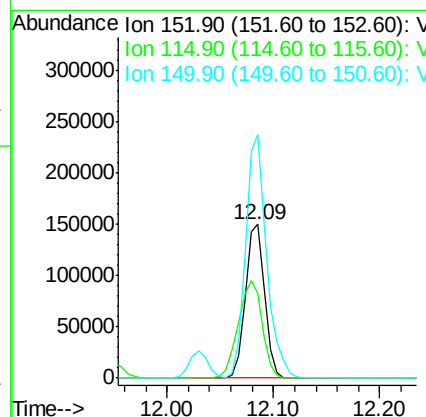
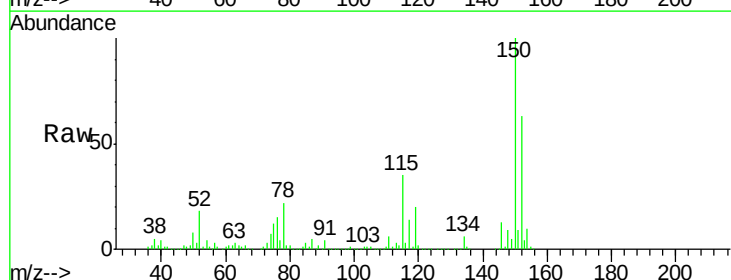
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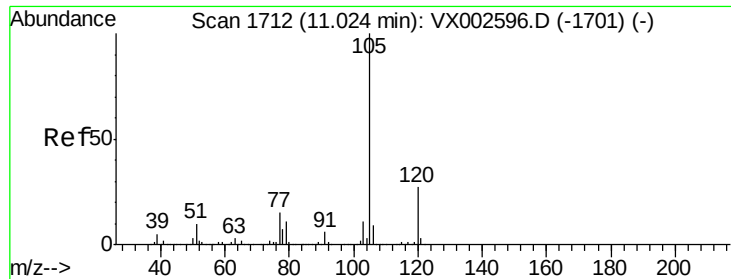
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.0	40.1	120.2
150	173.6	0.0	347.2





#73

Isopropylbenzene

Concen: 50.505 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 640198

Ion Ratio Lower Upper

105 100

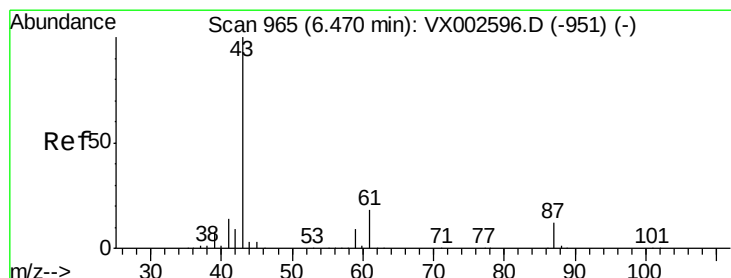
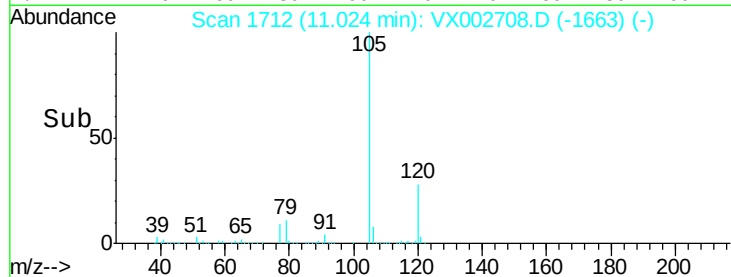
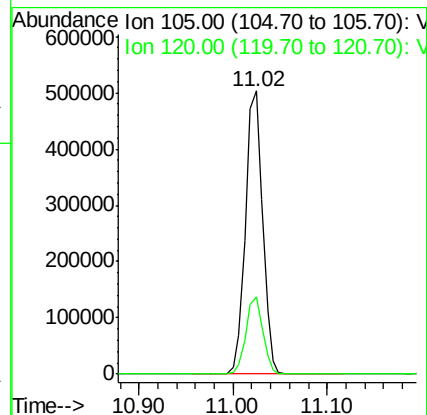
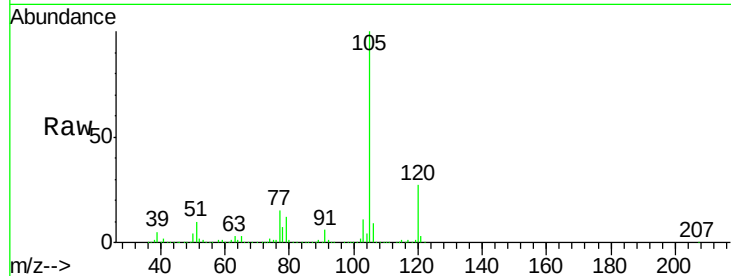
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 47.211 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Tgt Ion: 43 Resp: 297335

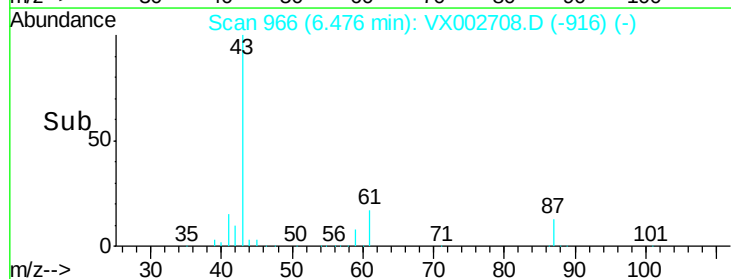
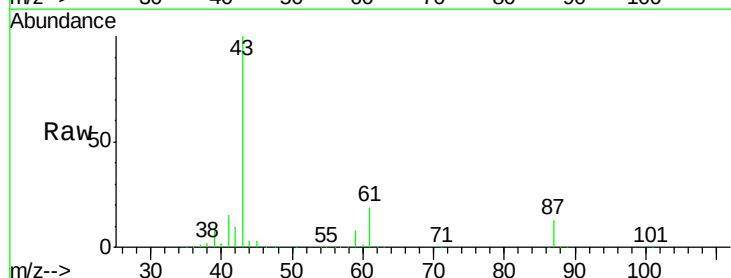
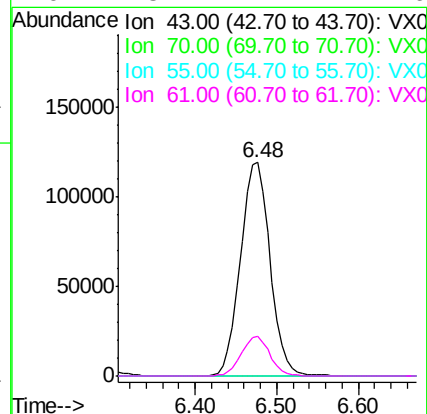
Ion Ratio Lower Upper

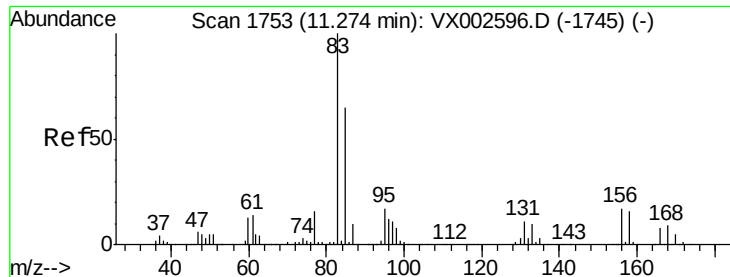
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.592 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

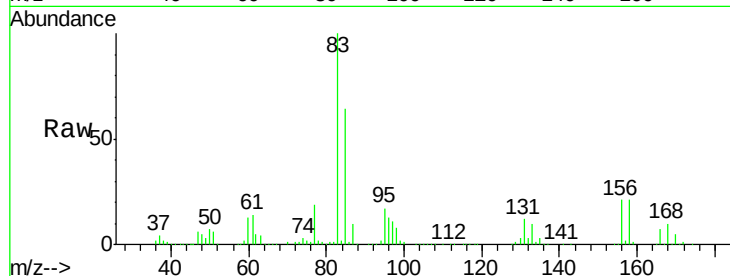
ClientSampleId :

VSTDCCC050EC

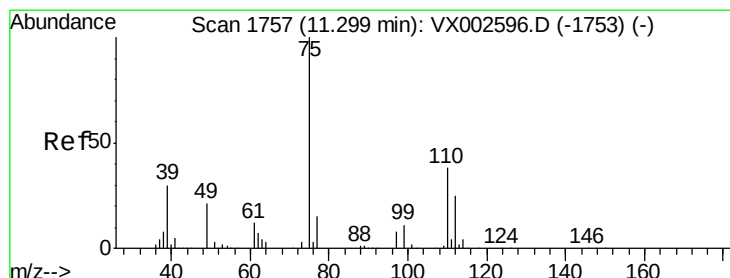
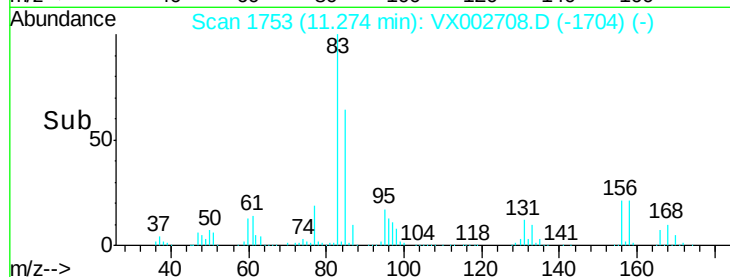
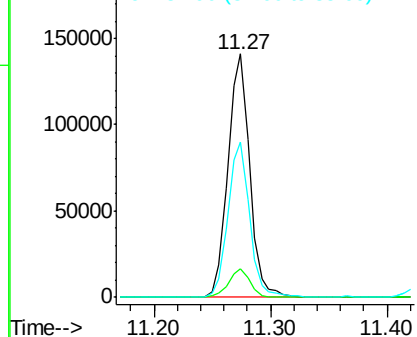
Tot Ion:	83	Resp:	181893
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.6	16.8
85	63.7	32.4	97.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.742 ug/l m

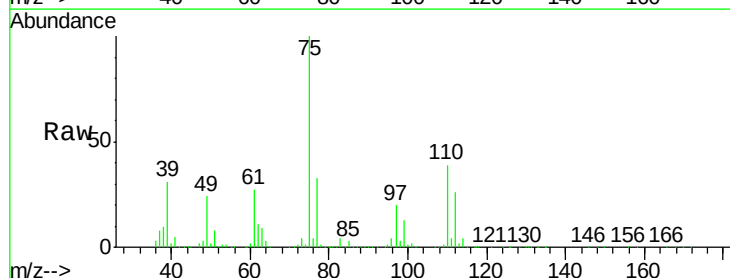
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

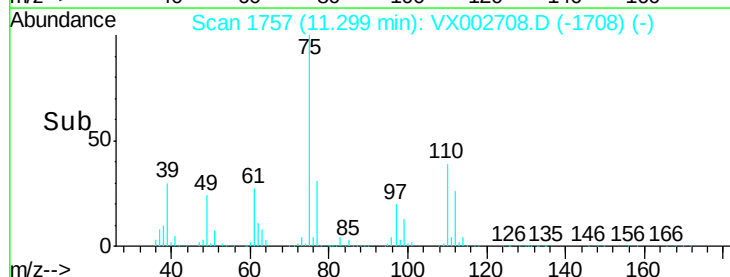
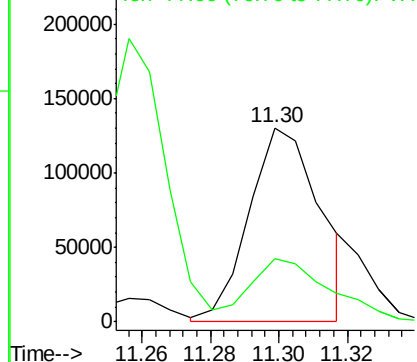
Lab File: VX002708.D

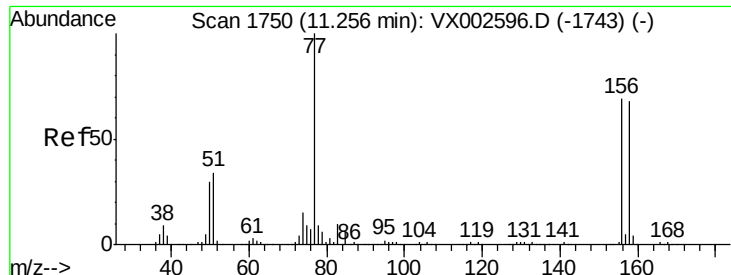
Acq: 19 Jun 2018 05:00

Tgt Ion:	75	Resp:	188624
Ion Ratio	Lower	Upper	
75	100		
77	37.0	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.470 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 178228

Ion Ratio Lower Upper

156 100

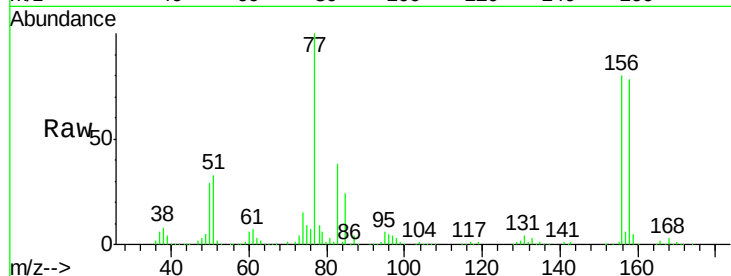
77 136.1 71.4 214.2

158 97.6 48.9 146.6

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MMDadoda

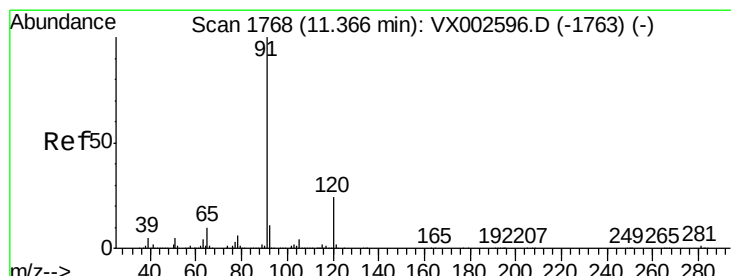
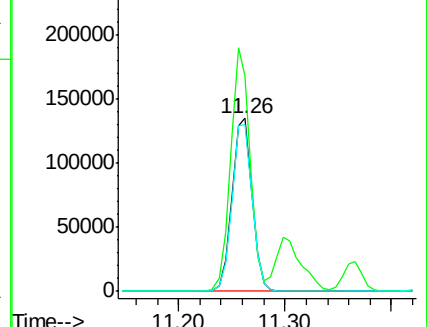
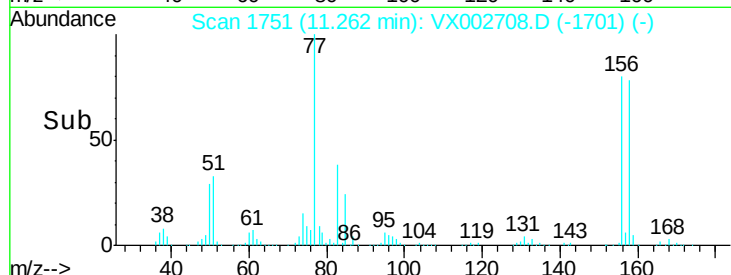
6/19/2018 1:05:37 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.832 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002708.D

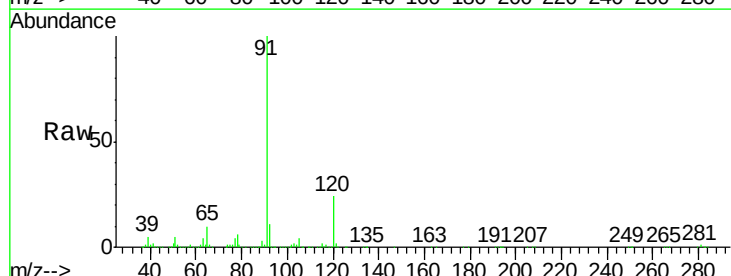
Acq: 19 Jun 2018 05:00

Tgt Ion: 91 Resp: 724422

Ion Ratio Lower Upper

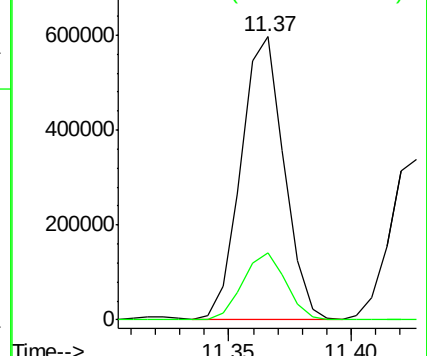
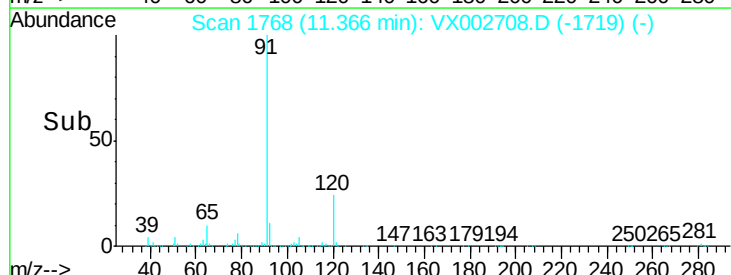
91 100

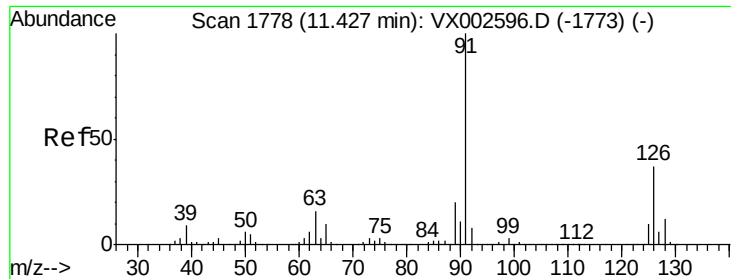
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.705 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 431414

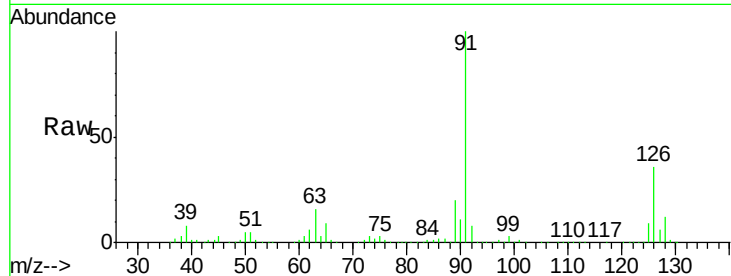
Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1

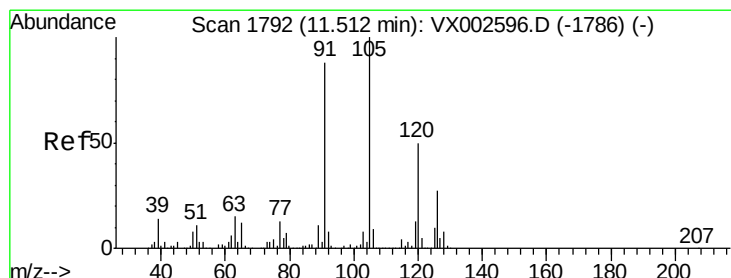
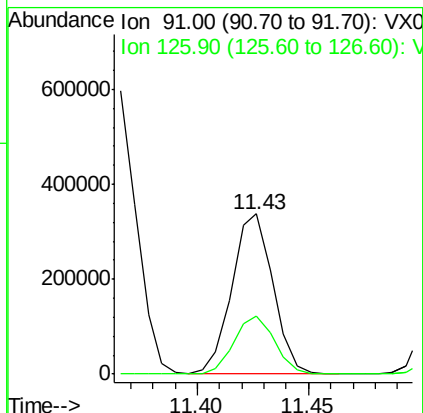
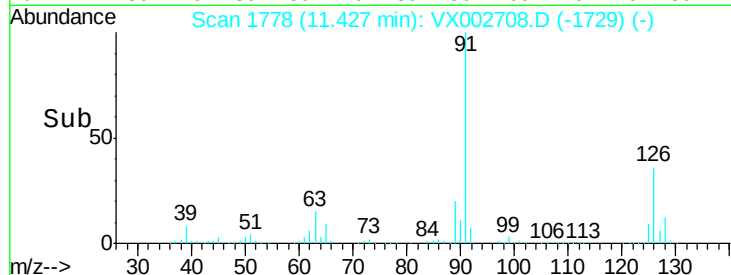
Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:37 PM



Abundance Ion 91.00 (90.70 to 91.70): VX002708.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX002708.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.447 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002708.D

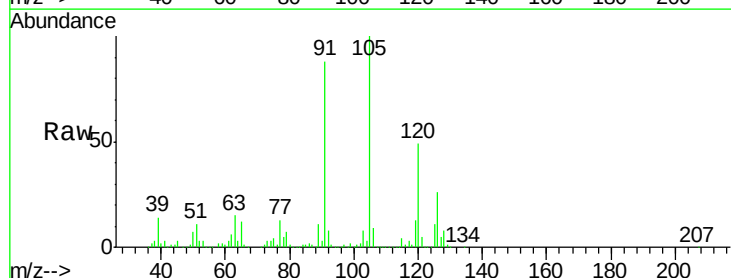
Acq: 19 Jun 2018 05:00

Tgt Ion: 105 Resp: 540409

Ion Ratio Lower Upper

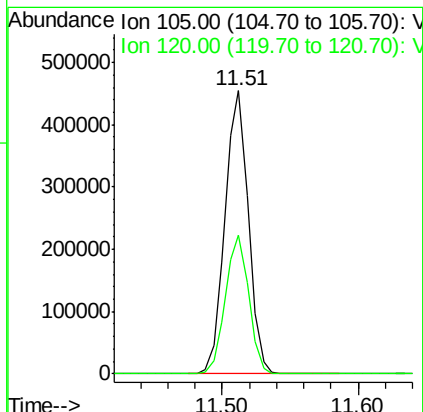
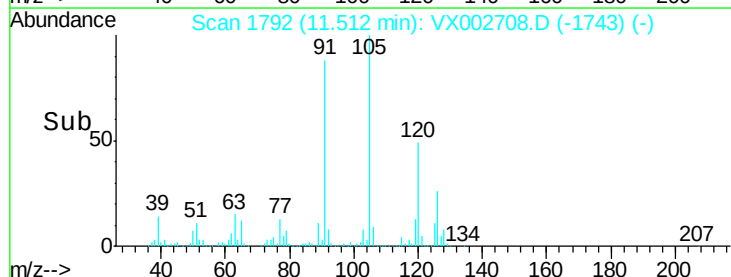
105 100

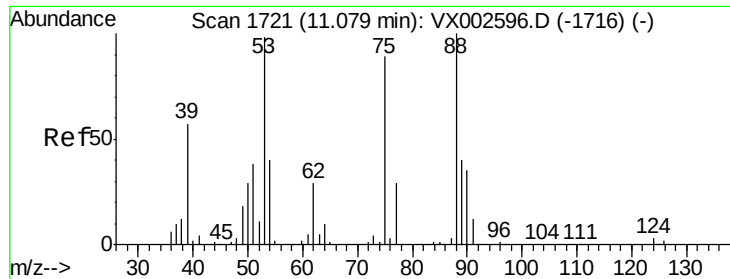
120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002708.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX002708.D (-1743) (-)





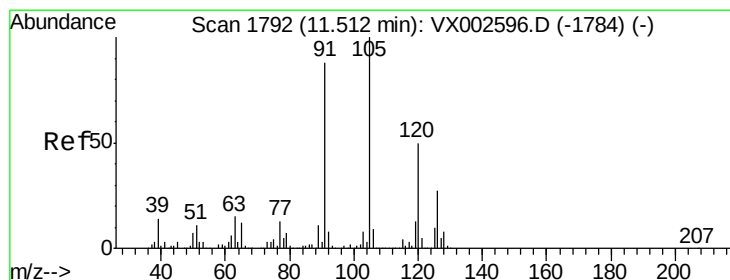
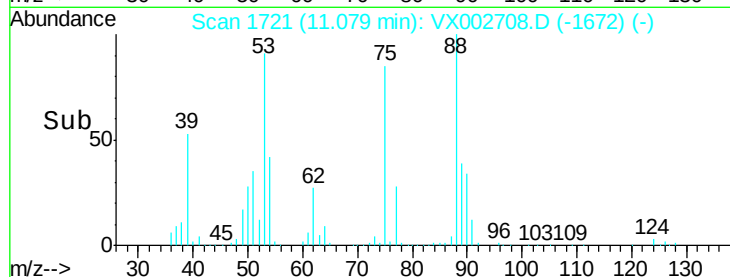
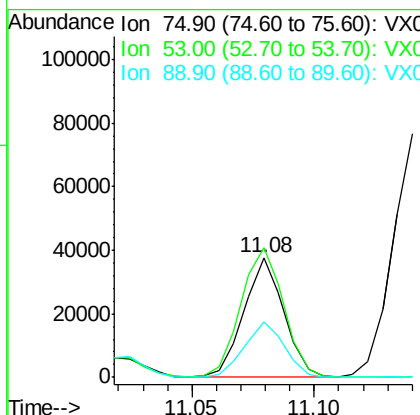
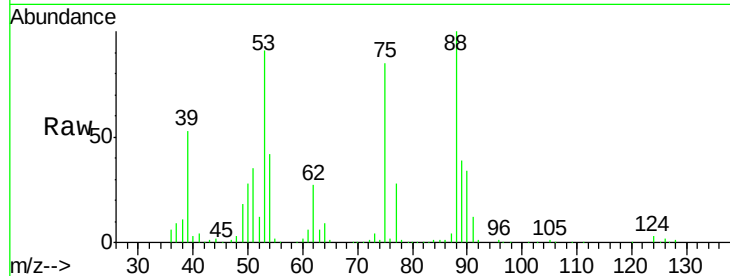
#81
trans-1,4-Dichloro-2-butene
Concen: 39.181 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.6	86.8	130.2
89	47.5	38.2	57.2

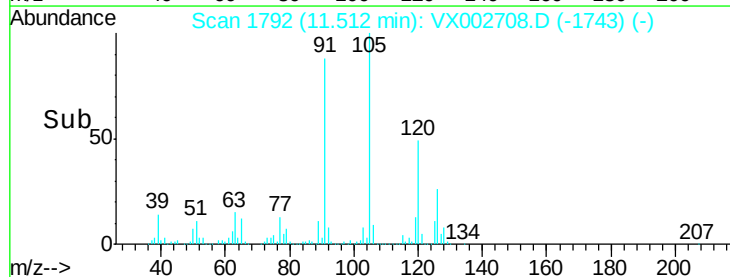
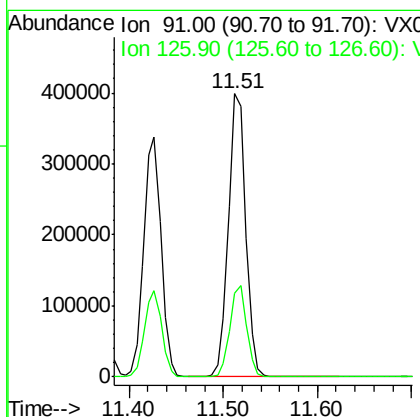
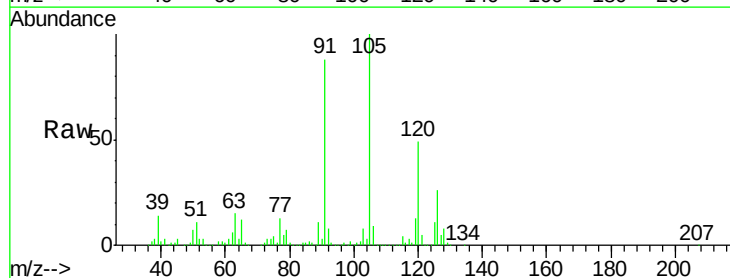
Manual Integrations
APPROVED

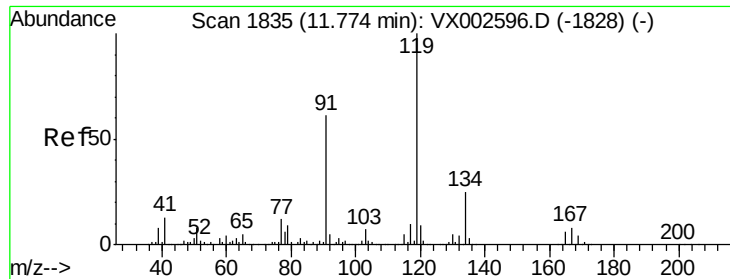
MMDadoda
6/19/2018 1:05:37 PM



#82
4-Chlorotoluene
Concen: 49.887 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.4





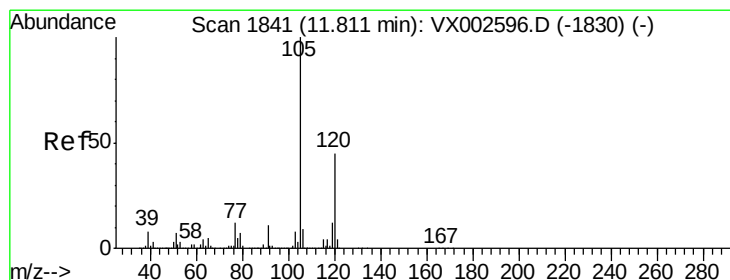
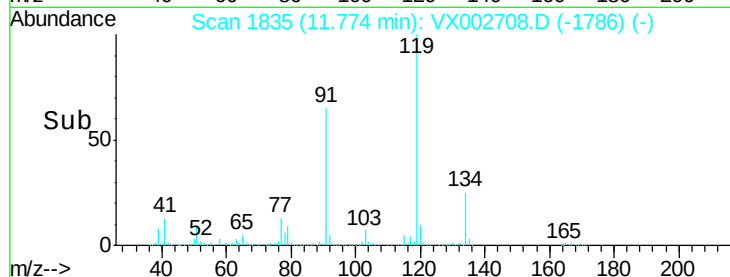
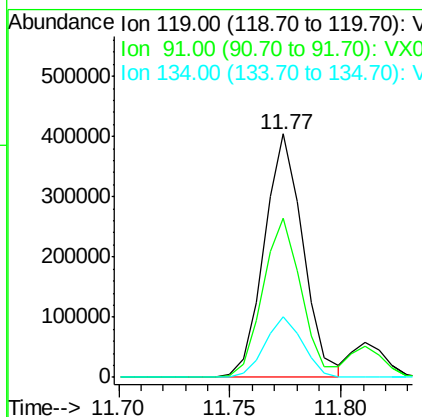
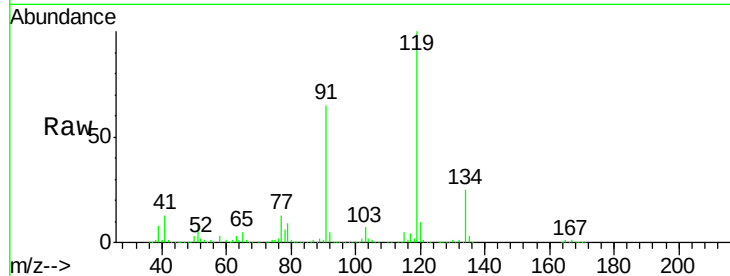
#83
 tert-Butylbenzene
 Concen: 47.246 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	30.3	90.9
134	24.6	11.7	35.1

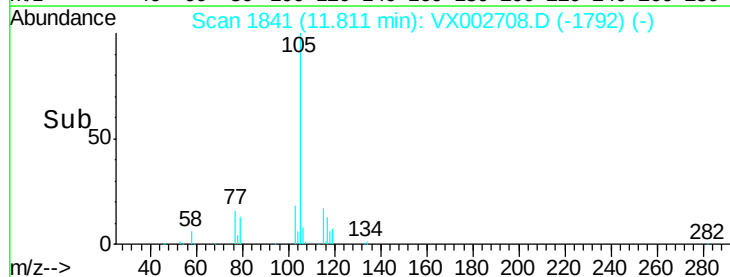
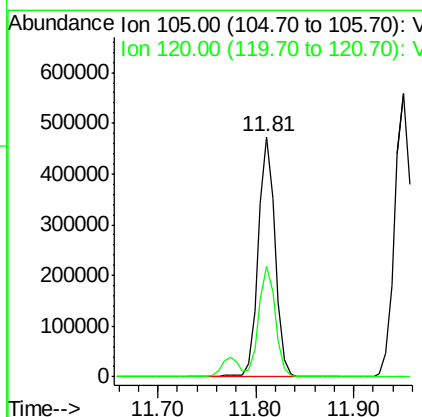
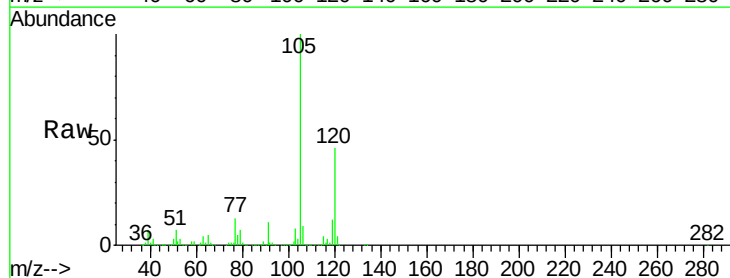
Manual Integrations
 APPROVED

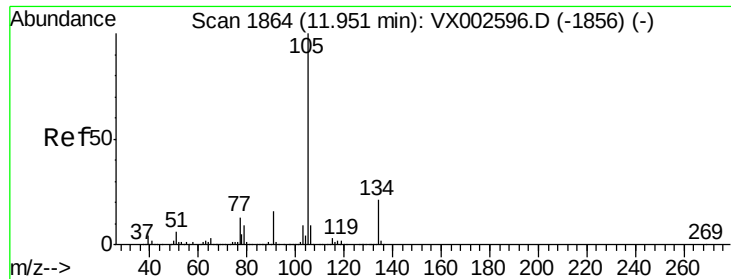
MMDadoda
 6/19/2018 1:05:37 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.131 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.3	66.8





#85

sec-Butylbenzene

Concen: 51.021 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 654694

Ion Ratio Lower Upper

105 100

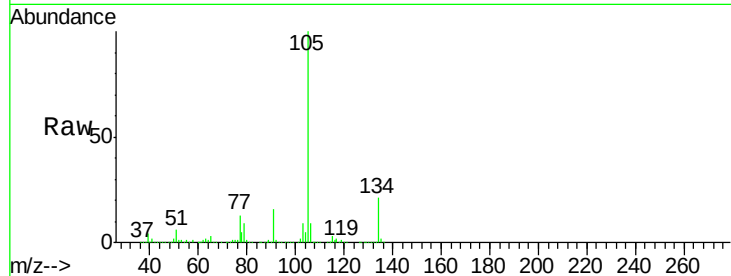
134 20.9 10.4 31.1

Manual Integrations

APPROVED

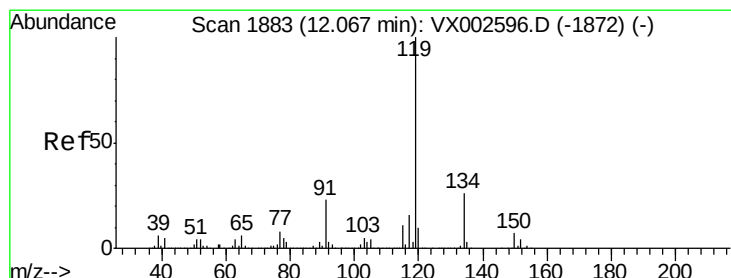
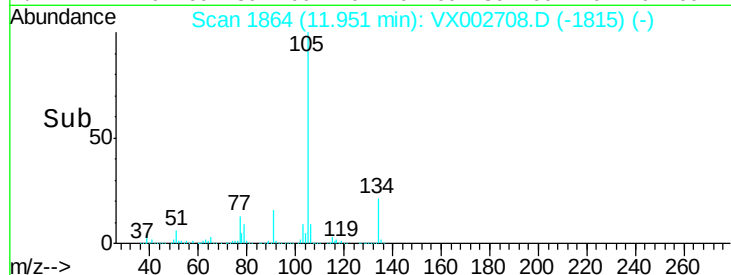
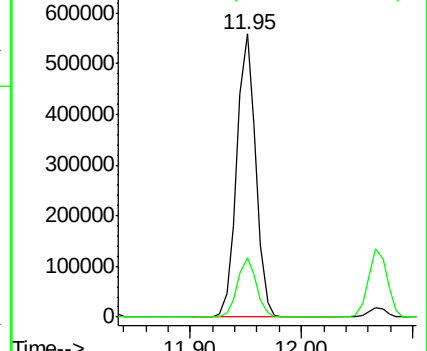
MMDadoda

6/19/2018 1:05:37 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.760 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

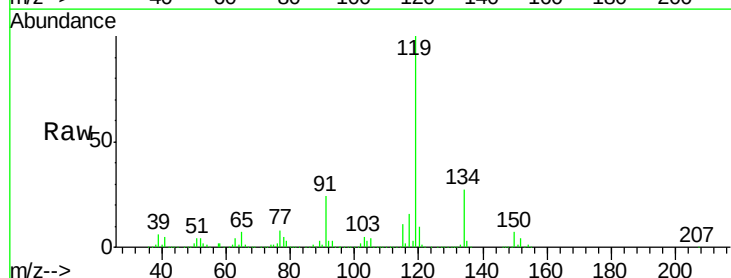
Tgt Ion:119 Resp: 589351

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

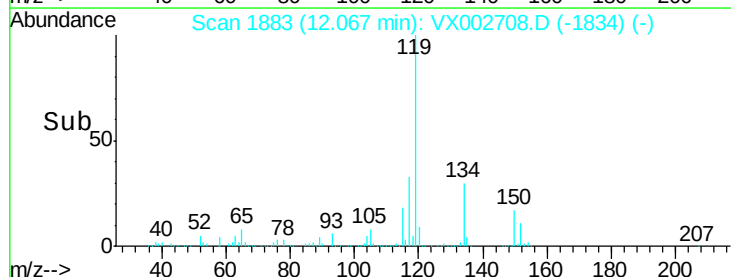
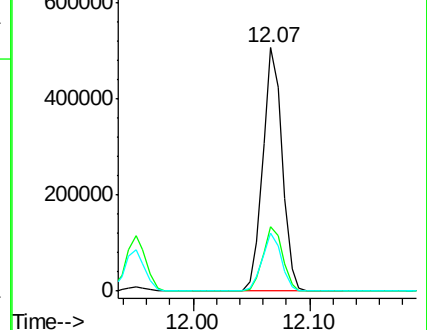
91 23.7 11.9 35.7

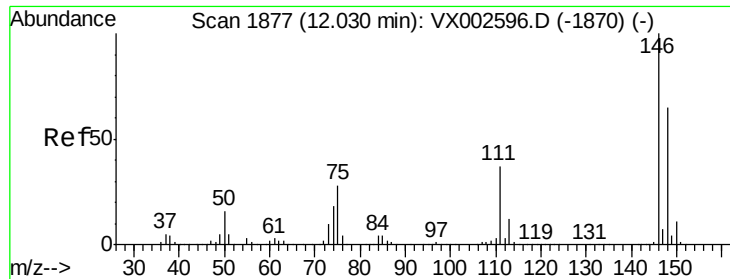


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





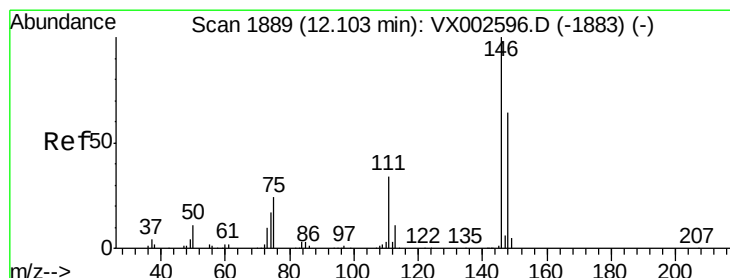
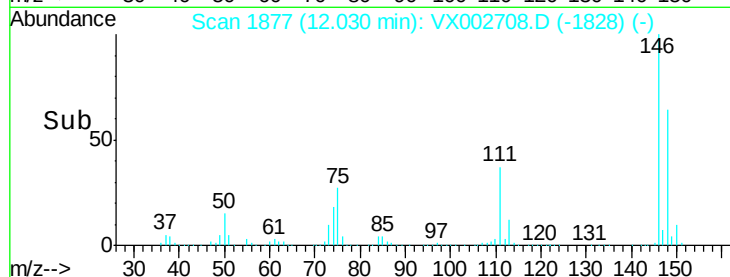
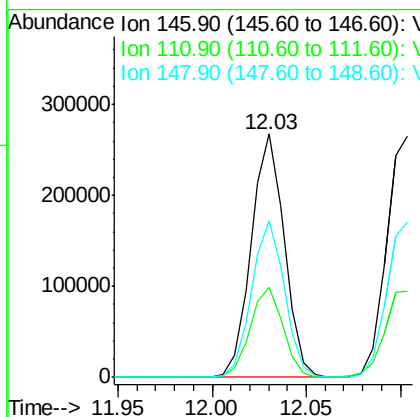
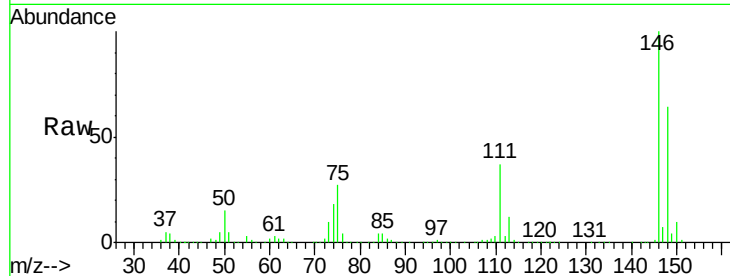
#87
 1,3-Dichlorobenzene
 Concen: 50.177 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.0	32.1	96.3

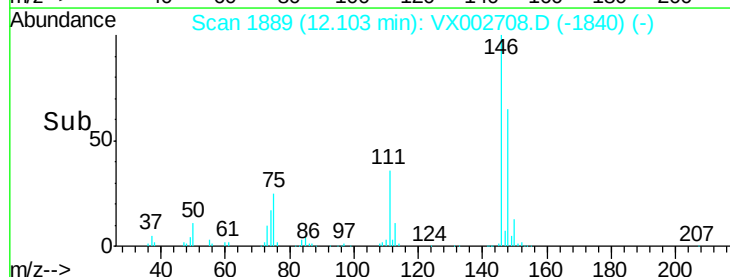
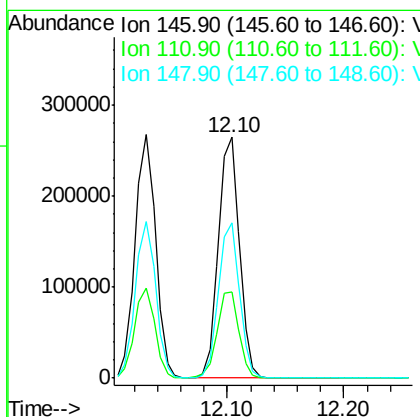
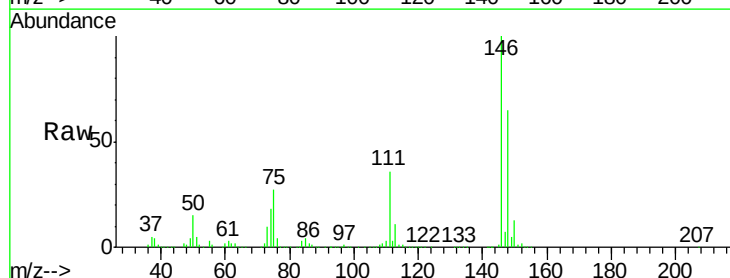
Manual Integrations
 APPROVED

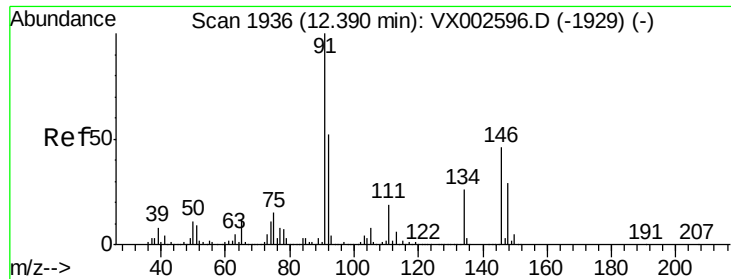
MMDadoda
 6/19/2018 1:05:37 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.830 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.6	32.4	97.0





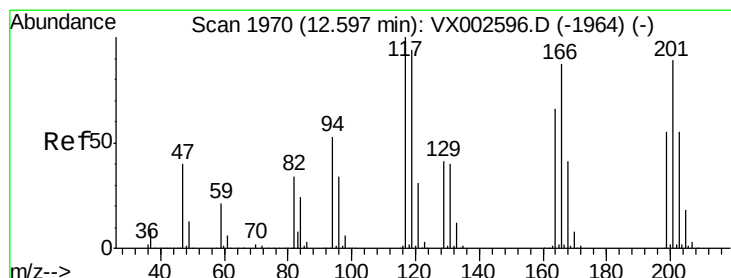
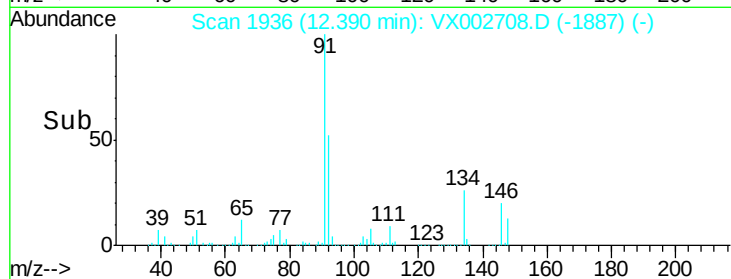
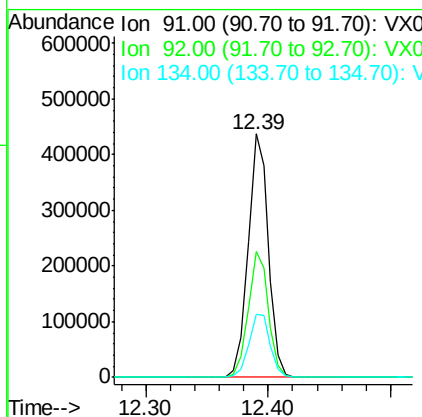
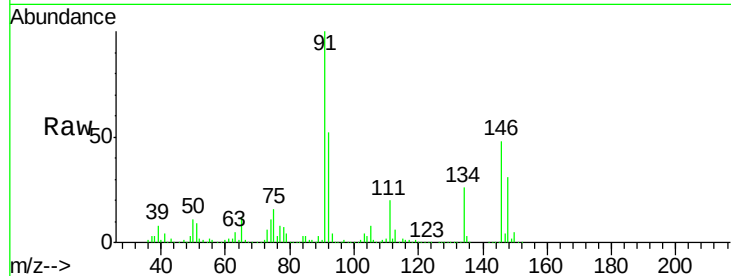
#89
n-Butylbenzene
Concen: 48.804 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	27.4	13.5	40.5

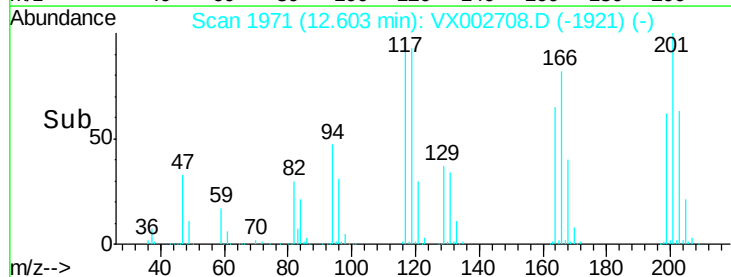
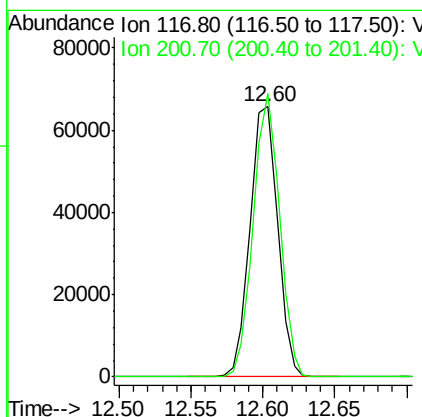
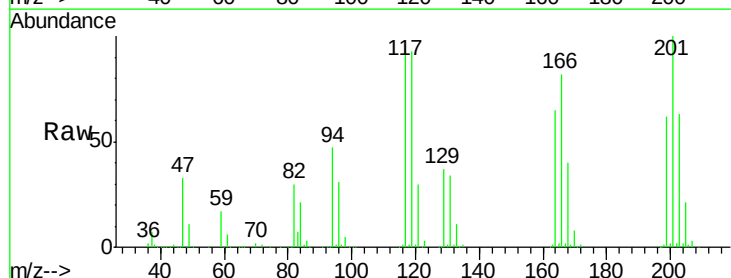
Manual Integrations
APPROVED

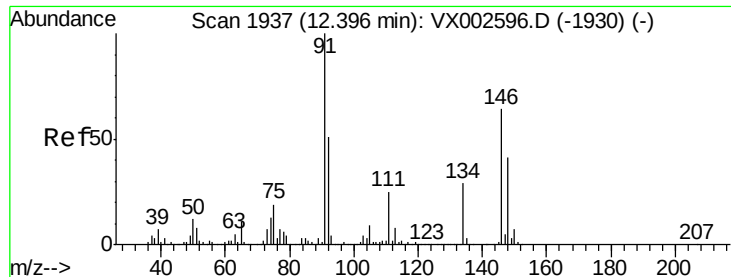
MMDadoda
6/19/2018 1:05:37 PM



#90
Hexachloroethane
Concen: 48.150 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002708.D
Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.6	49.0	147.0





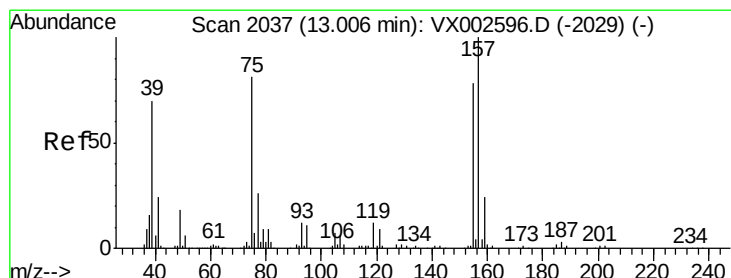
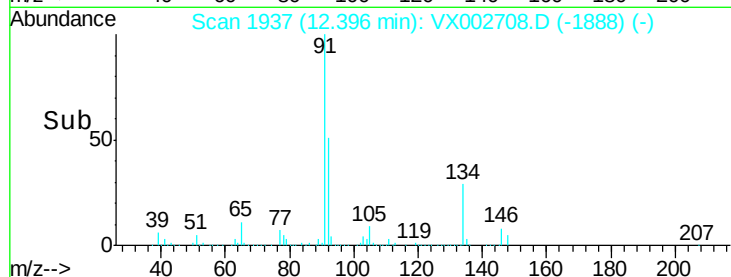
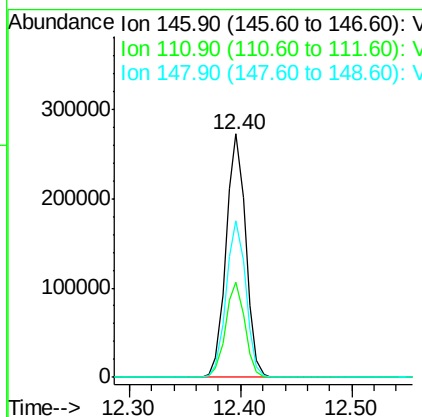
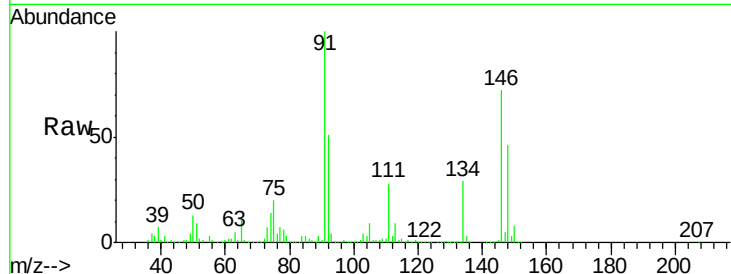
#91
 1,2-Dichlorobenzene
 Concen: 50.928 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.1
148	64.5	31.7	95.1

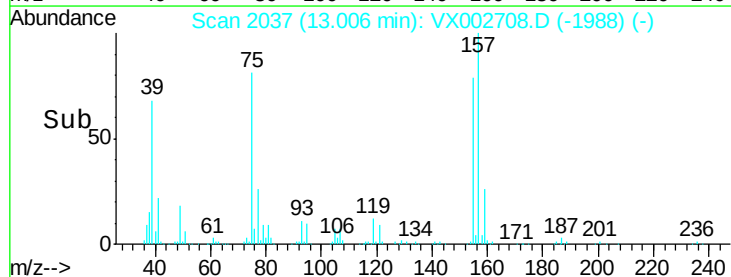
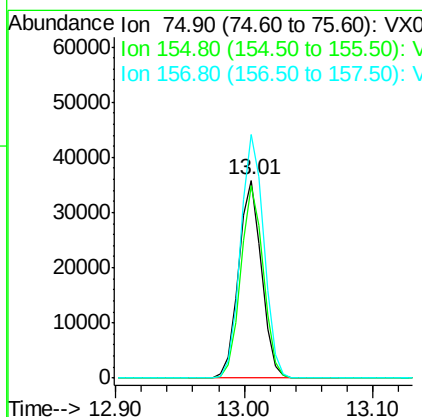
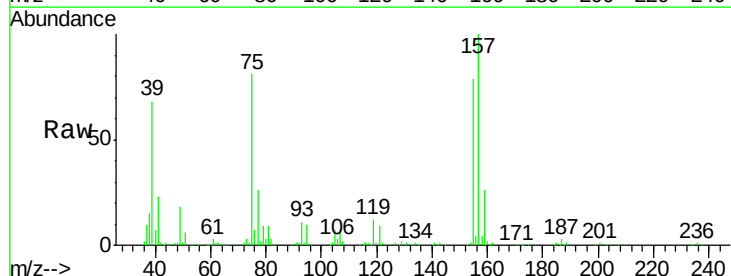
Manual Integrations
 APPROVED

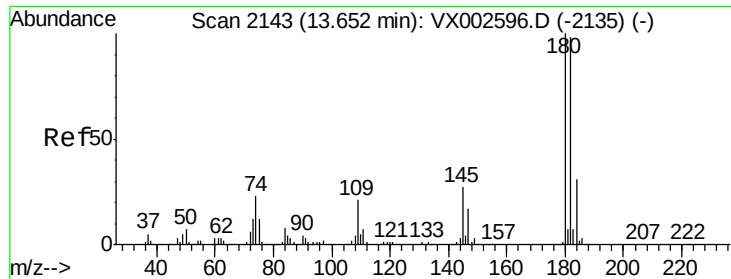
MMDadoda
 6/19/2018 1:05:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.359 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	45.8	137.4
157	124.4	60.1	180.3





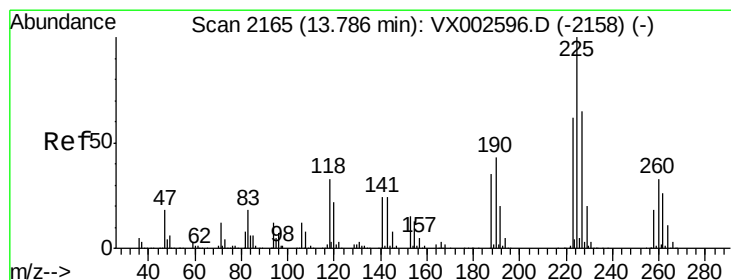
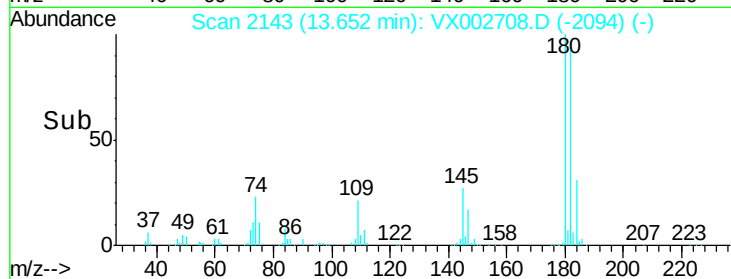
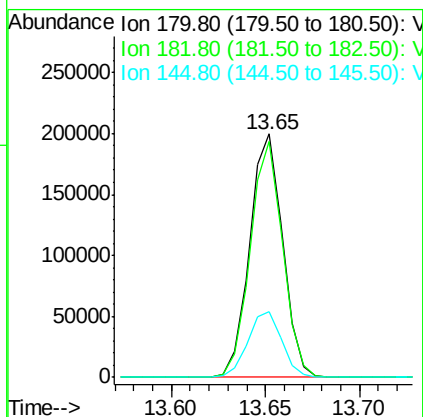
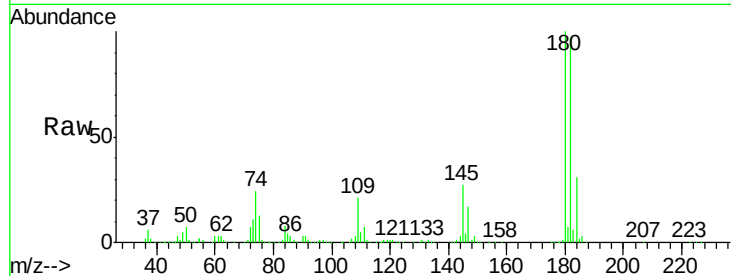
#93
 1,2,4-Trichlorobenzene
 Concen: 51.203 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.7	143.1
145	27.5	14.1	42.4

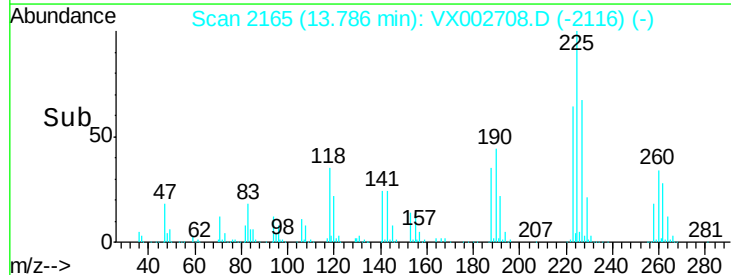
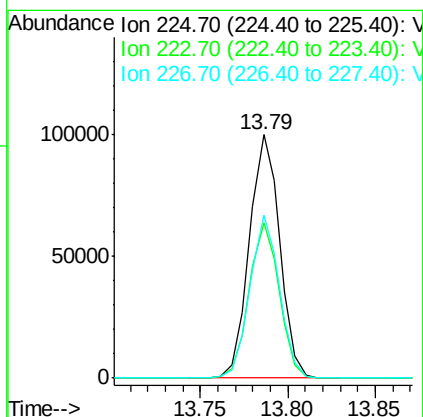
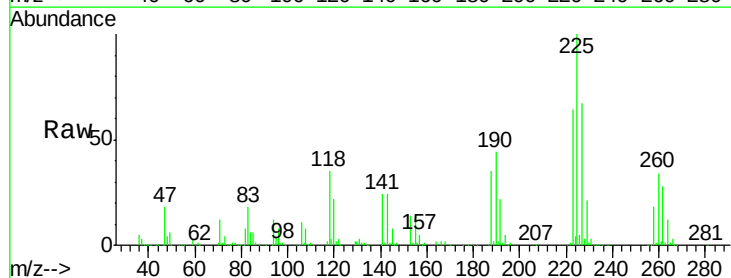
Manual Integrations
 APPROVED

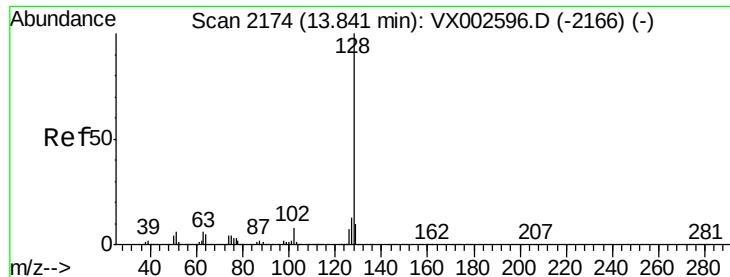
MMDadoda
 6/19/2018 1:05:37 PM



#94
 Hexachlorobutadiene
 Concen: 48.435 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002708.D
 Acq: 19 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.6	95.0
227	65.0	32.4	97.2





#95

Naphthalene

Concen: 54.358 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Instrument :

MSVOA_X

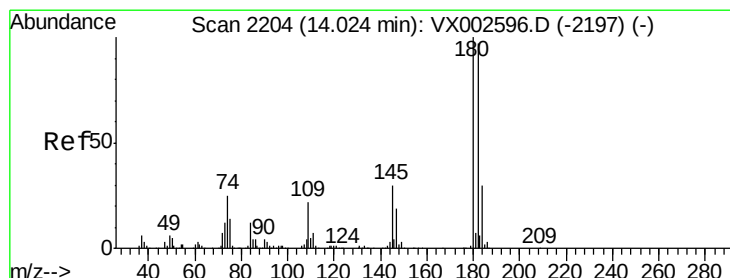
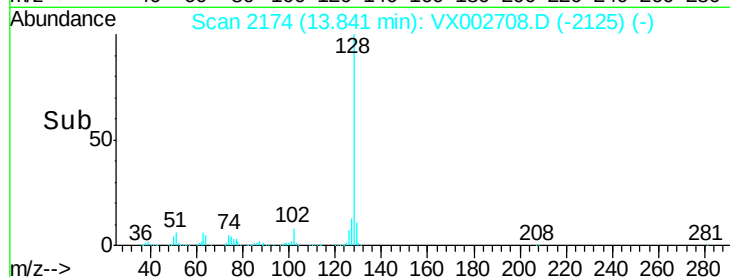
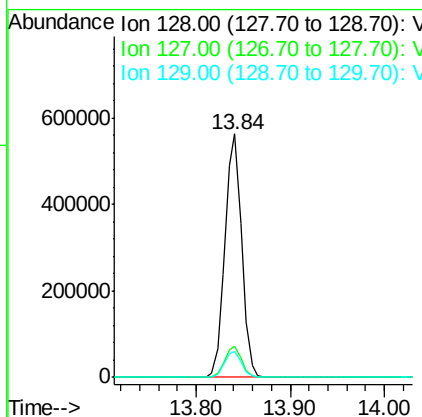
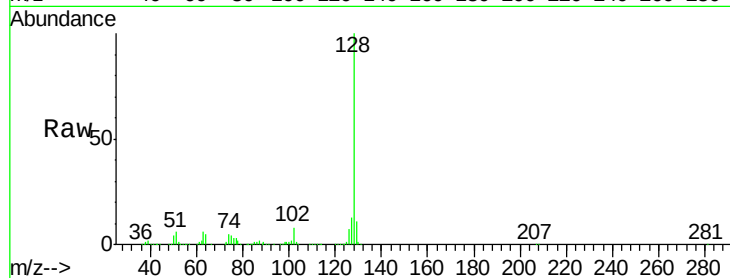
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	691953
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:37 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.645 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002708.D

Acq: 19 Jun 2018 05:00

Tgt Ion:	180	Resp:	250130
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.0
145	29.3	14.8	44.3

