

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007804.D
 Acq On : 04 Mar 2019 11:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:24 AM

Quant Time: Mar 04 15:49:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	360508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	506616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	449155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179974	40.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.60%	
35) Dibromofluoromethane	5.50	113	159145	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.71	98	598820	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
62) 4-Bromofluorobenzene	11.13	95	215297	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	158842	47.830	ug/l	100
3) Chloromethane	1.33	50	181599	49.346	ug/l	100
4) Vinyl Chloride	1.42	62	192707	51.040	ug/l	100
5) Bromomethane	1.64	94	102255	42.772	ug/l	98
6) Chloroethane	1.71	64	130858	54.248	ug/l	100
7) Trichlorofluoromethane	1.93	101	276409	47.755	ug/l	99
8) Diethyl Ether	2.20	74	117365	49.407	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	174339	49.834	ug/l	98
10) Methyl Iodide	2.51	142	240488	55.207	ug/l	98
11) Tert butyl alcohol	3.08	59	218677	258.096	ug/l	100
12) 1,1-Dichloroethene	2.38	96	158066	50.125	ug/l	97
13) Acrolein	2.30	56	232769	309.165	ug/l	100
14) Allyl chloride	2.73	41	336316	57.679	ug/l	91
15) Acrylonitrile	3.15	53	538293	269.972	ug/l	99
16) Acetone	2.45	43	562356	283.184	ug/l	100
17) Carbon Disulfide	2.57	76	464723	52.971	ug/l	99
18) Methyl Acetate	2.78	43	257872	59.509	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	574423	52.309	ug/l	100
20) Methylene Chloride	2.86	84	176208	48.054	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	172102	50.202	ug/l	93
22) Diisopropyl ether	3.87	45	623194	51.342	ug/l	96
23) Vinyl Acetate	3.82	43	2764214	259.567	ug/l	97
24) 1,1-Dichloroethane	3.70	63	332928	50.469	ug/l	98
25) 2-Butanone	4.70	43	798541	263.986	ug/l	96
26) 2,2-Dichloropropane	4.59	77	266866	50.679	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	201985	46.304	ug/l	92
28) Bromochloromethane	5.02	49	157599	49.074	ug/l	86
29) Tetrahydrofuran	5.15	42	502509	252.015	ug/l	93
30) Chloroform	5.21	83	323177	45.735	ug/l	99
31) Cyclohexane	5.57	56	316179	50.954	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	281057	48.094	ug/l	99
36) 1,1-Dichloropropene	5.80	75	249243	54.723	ug/l	97
37) Ethyl Acetate	4.85	43	284515	56.234	ug/l	100
38) Carbon Tetrachloride	5.78	117	250727	54.801	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	324419	56.358	ug/l	94
40) Benzene	6.14	78	753874	53.619	ug/l	98
41) Methacrylonitrile	5.06	41	161983	59.956	ug/l	94
42) 1,2-Dichloroethane	6.20	62	247480	52.369	ug/l	99
43) Isopropyl Acetate	6.46	43	452588	58.122	ug/l	99
44) Trichloroethene	7.21	130	207950	53.765	ug/l	94
45) 1,2-Dichloropropane	7.51	63	201539	55.336	ug/l	100
46) Dibromomethane	7.66	93	126049	49.609	ug/l	97
47) Bromodichloromethane	7.90	83	248946	56.537	ug/l	98
48) Methyl methacrylate	7.77	41	236563	57.957	ug/l	91
49) 1,4-Dioxane	7.75	88	91575	1038.756	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1428505	274.063	ug/l	100
52) Toluene	8.78	92	468792	52.875	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	285199	51.982	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	311713	58.336	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	191125	51.695	ug/l	98
56) Ethyl methacrylate	9.18	69	294226	55.962	ug/l	94
57) 1,3-Dichloropropane	9.37	76	318731	53.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	734458	253.321	ug/l	97
59) 2-Hexanone	9.49	43	1110896	271.470	ug/l	100
60) Dibromochloromethane	9.59	129	208735	58.674	ug/l	98
61) 1,2-Dibromoethane	9.67	107	201071	52.381	ug/l	99
64) Tetrachloroethene	9.34	164	207605	56.936	ug/l	98
65) Chlorobenzene	10.14	112	516677	53.187	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	192102	56.691	ug/l	99
67) Ethyl Benzene	10.25	91	879416	54.648	ug/l	100
68) m/p-Xylenes	10.36	106	686303	109.626	ug/l	98
69) o-Xylene	10.70	106	328449	54.544	ug/l	96
70) Styrene	10.71	104	549103	55.476	ug/l	100
71) Bromoform	10.86	173	169260	66.611	ug/l	100
73) Isopropylbenzene	11.02	105	892619	51.950	ug/l	100
74) N-amyl acetate	10.90	43	394401	52.858	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	282193	47.485	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	228120m	44.517	ug/l	
77) Bromobenzene	11.26	156	235806	54.716	ug/l	94
78) n-propylbenzene	11.36	91	1021854	52.629	ug/l	98
79) 2-Chlorotoluene	11.42	91	592686	50.696	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	741930	52.495	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	95371	49.880	ug/l	90
82) 4-Chlorotoluene	11.51	91	691815	50.585	ug/l	98
83) tert-Butylbenzene	11.77	119	757533	55.824	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	763421	52.807	ug/l	99
85) sec-Butylbenzene	11.94	105	911345	53.594	ug/l	99
86) p-Isopropyltoluene	12.06	119	824453	55.362	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	429865	53.773	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	432503	52.828	ug/l	99
89) n-Butylbenzene	12.39	91	721056	54.292	ug/l	99
90) Hexachloroethane	12.60	117	139637	55.650	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	425404	53.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63451	49.002	ug/l	99

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ClientSampleId :
VSTDCCC050

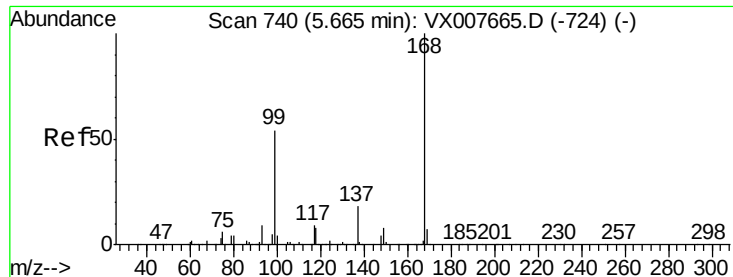
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	320842	65.714	ug/l	99
94) Hexachlorobutadiene	13.79	225	170425	76.303	ug/l	99
95) Naphthalene	13.83	128	916757	57.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	317157	64.694	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 360508

Ion Ratio Lower Upper

168 100

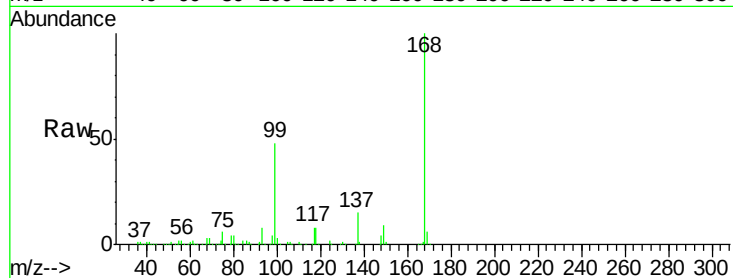
99 47.6 37.9 56.9

Manual Integrations

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3/5/2019 9:34:24 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

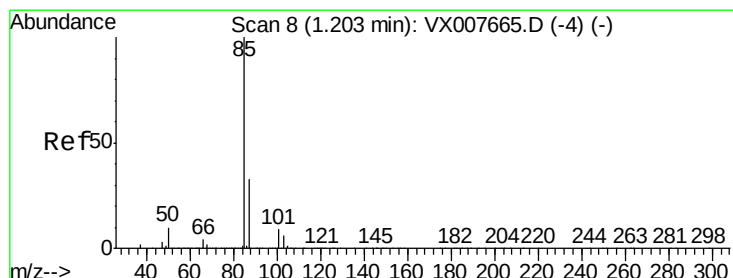
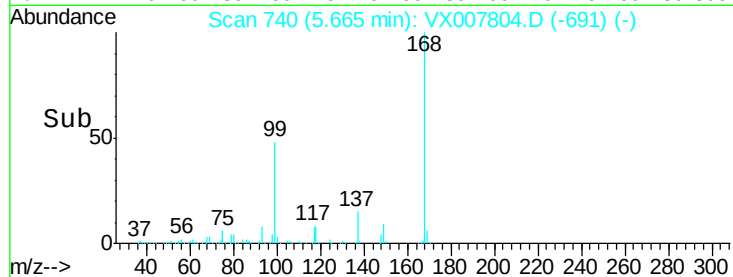
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.830 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007804.D

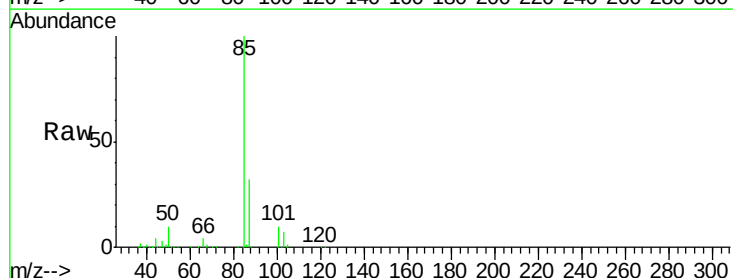
Acq: 04 Mar 2019 11:57

Tgt Ion: 85 Resp: 158842

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

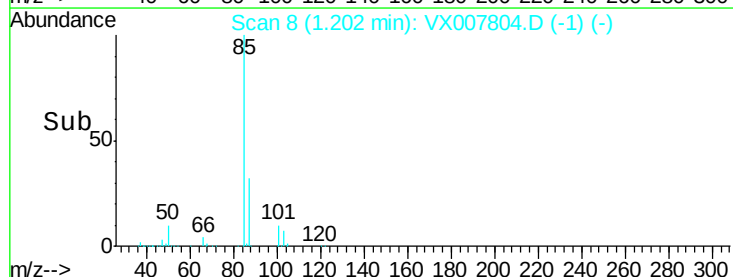
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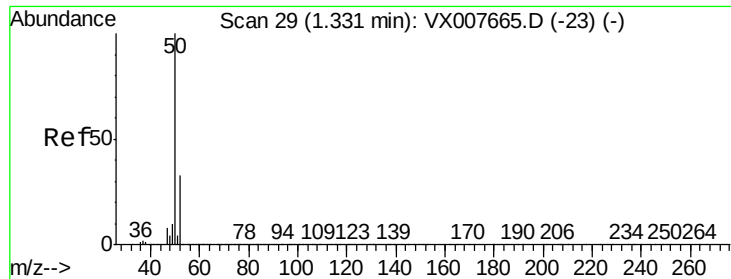
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50000

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Time-->





#3

Chloromethane

Concen: 49.346 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tot Ion: 50 Resp: 181599

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1

Instrument :

MSVOA_X

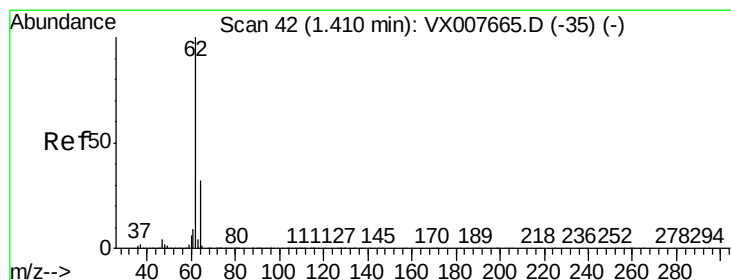
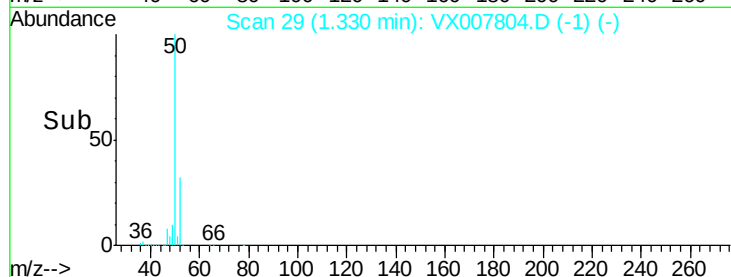
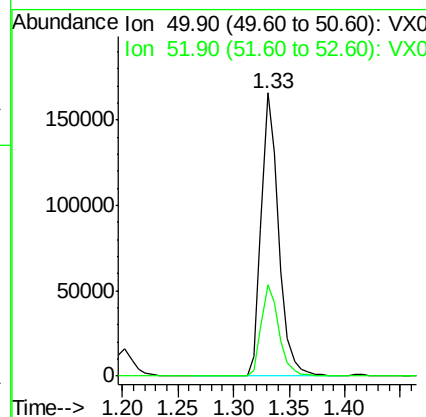
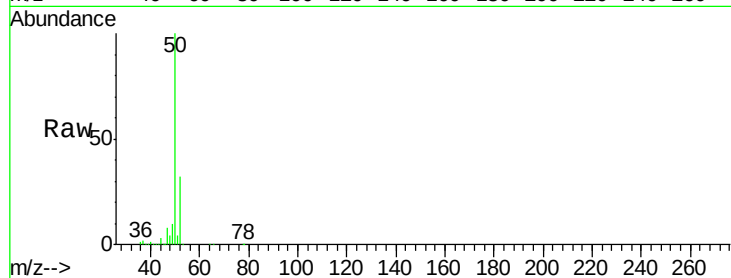
ClientSampleId :

VSTDCCC050

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3/5/2019 9:34:24 AM



#4

Vinyl Chloride

Concen: 51.040 ug/l

RT: 1.42 min Scan# 43

Delta R.T. 0.01 min

Lab File: VX007804.D

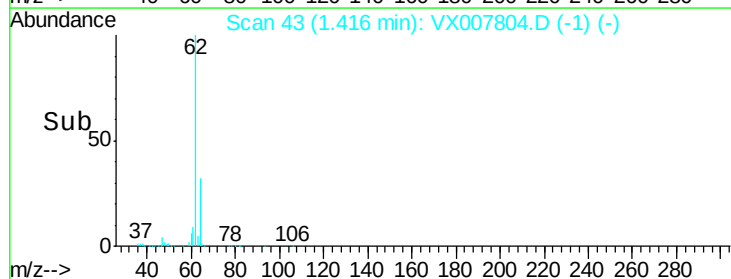
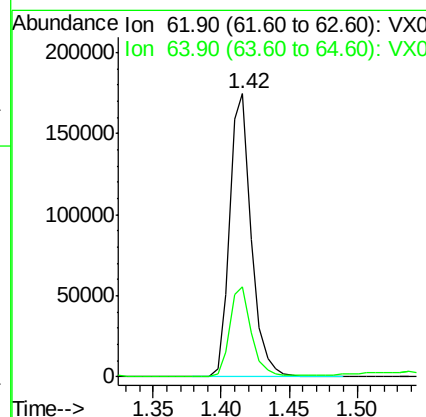
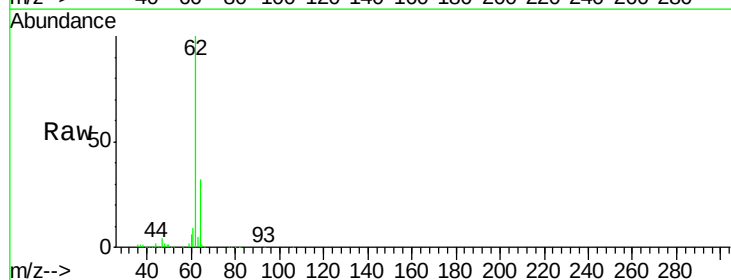
Acq: 04 Mar 2019 11:57

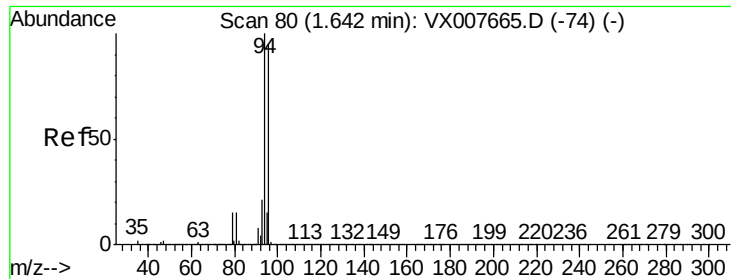
Tgt Ion: 62 Resp: 192707

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 42.772 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tot Ion: 94 Resp: 102255

Ion Ratio Lower Upper

94 100

96 94.7 73.9 110.9

Instrument :

MSVOA_X

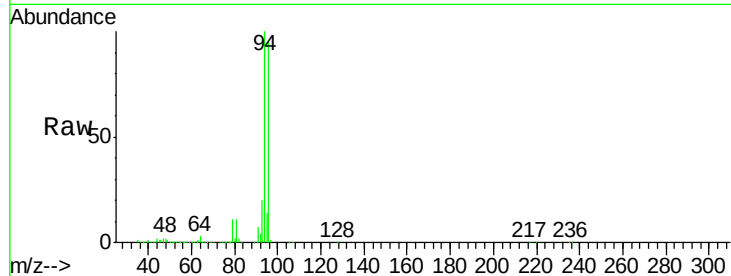
ClientSampleId :

VSTDCCC050

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MMDadoda

3/5/2019 9:34:24 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

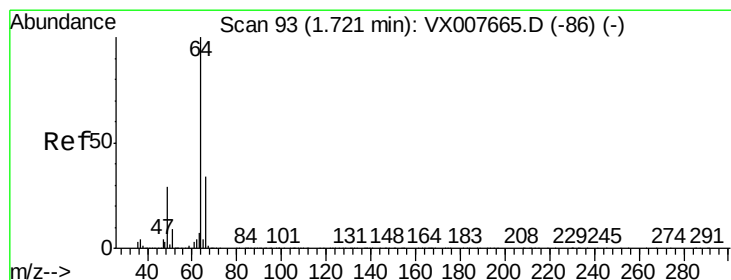
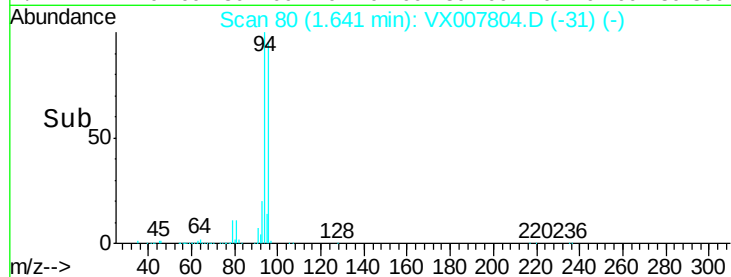
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 54.248 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007804.D

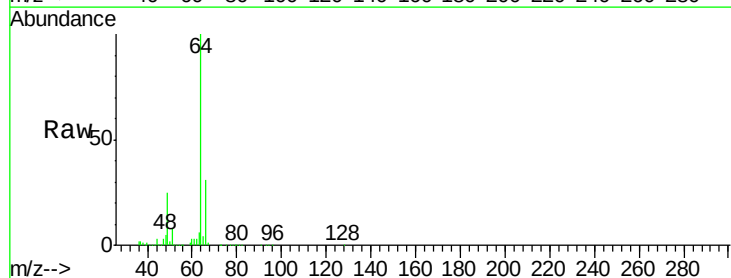
Acq: 04 Mar 2019 11:57

Tgt Ion: 64 Resp: 130858

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

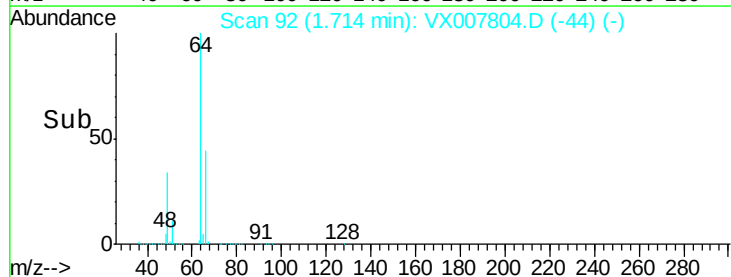
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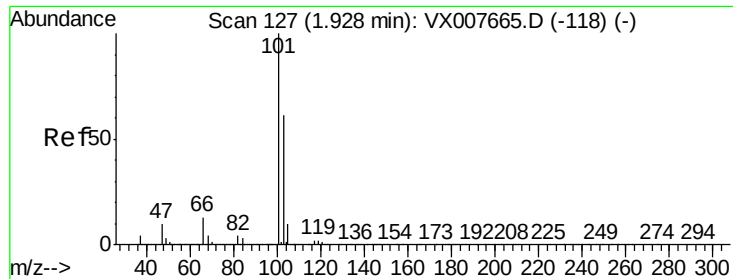
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20000

0

Time-->





#7

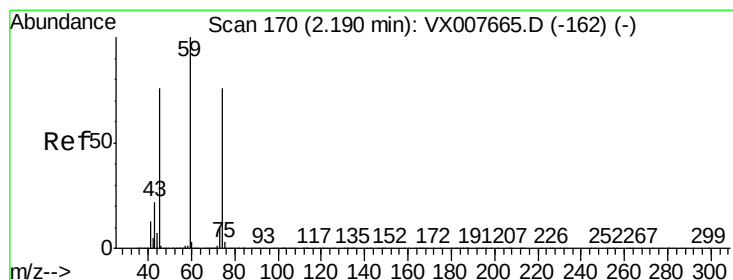
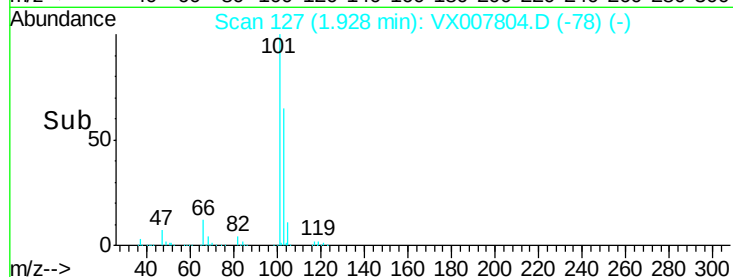
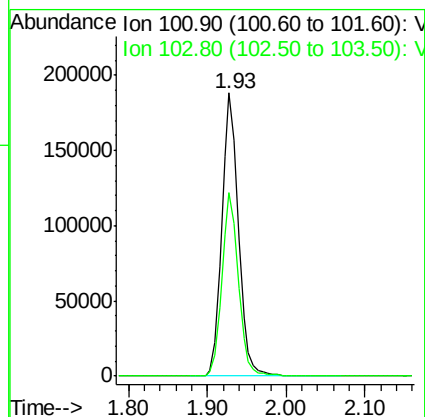
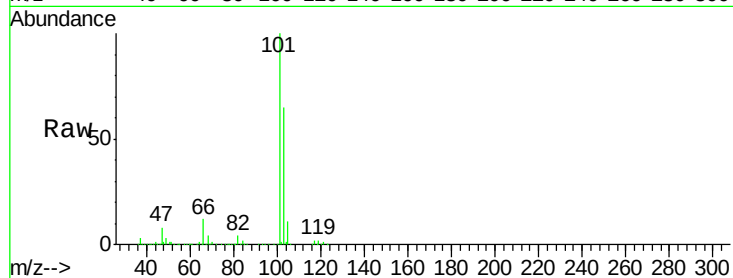
Trichlorofluoromethane
Concen: 47.755 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	79.0

Manual Integrations
APPROVED

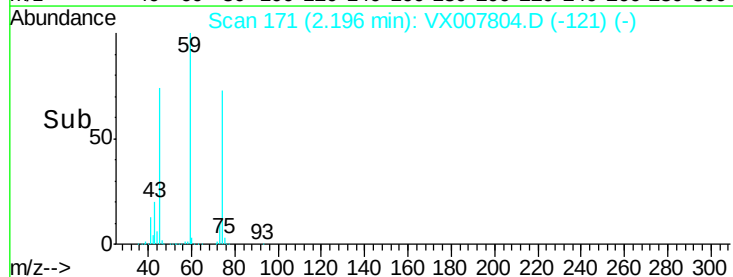
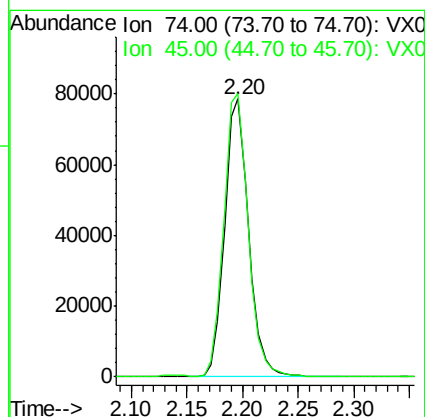
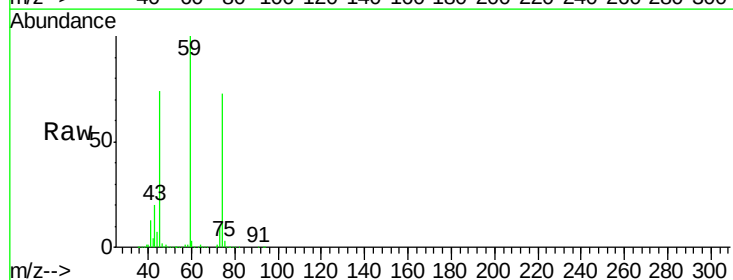
MMDadoda
3/5/2019 9:34:24 AM

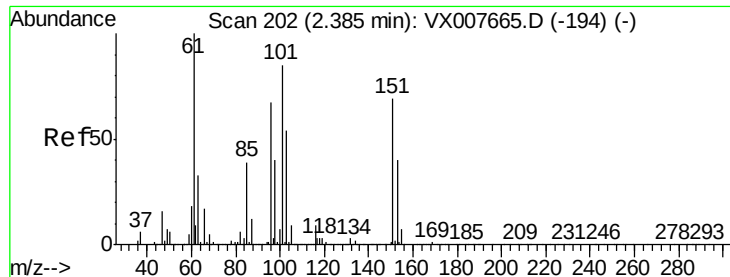


#8

Diethyl Ether
Concen: 49.407 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	45.7	137.1





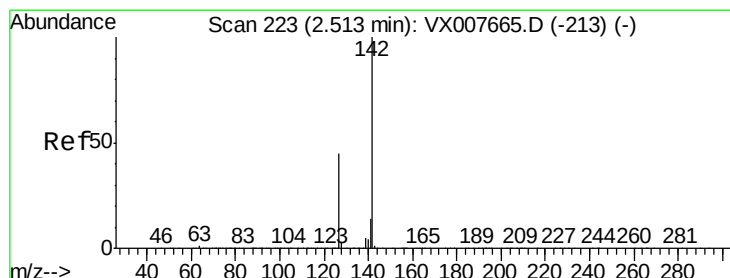
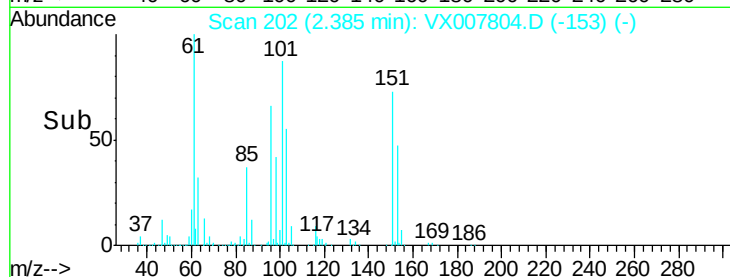
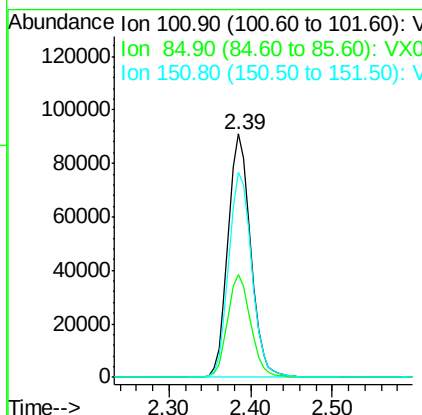
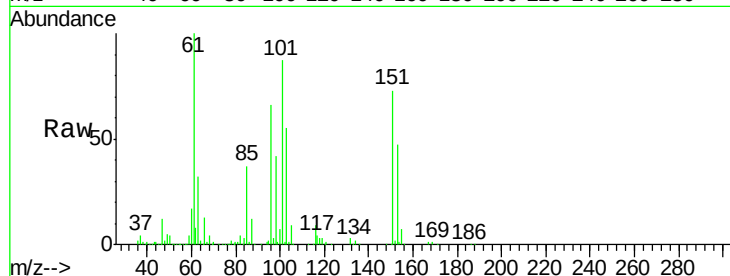
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.834 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX007804.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.1	51.1
151	85.3	69.9	104.9

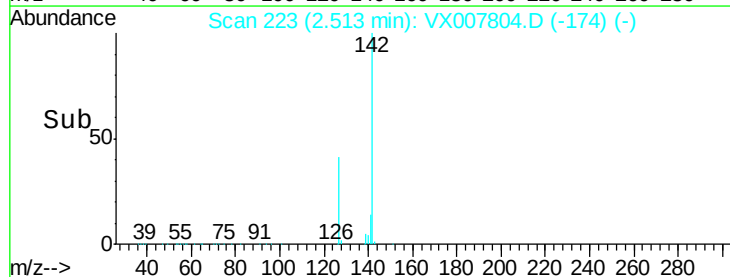
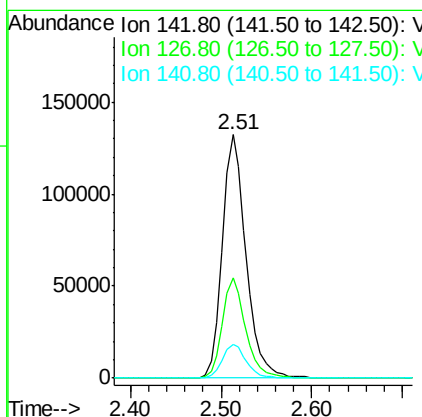
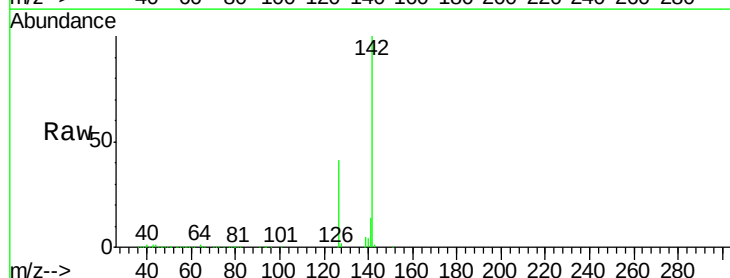
Manual Integrations
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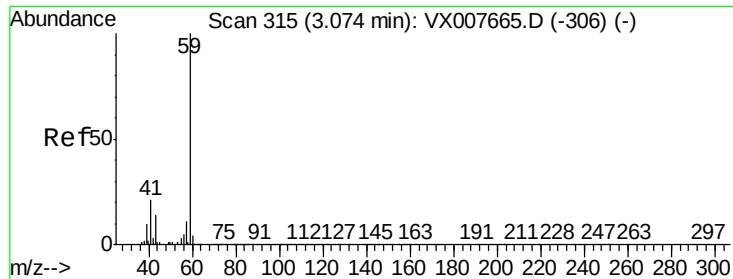
MMDadoda
3/5/2019 9:34:24 AM



#10
Methyl Iodide
Concen: 55.207 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.8	33.7	50.5
141	14.2	11.3	16.9





#11

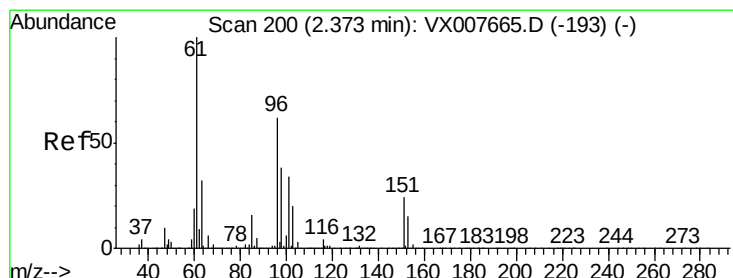
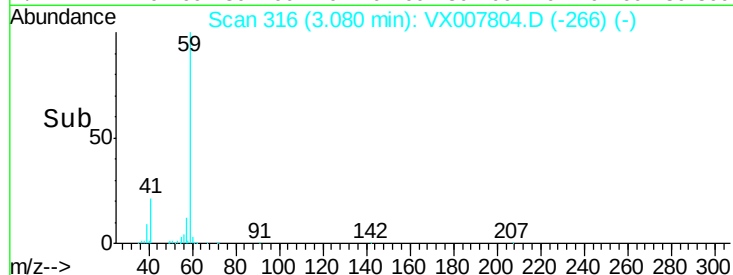
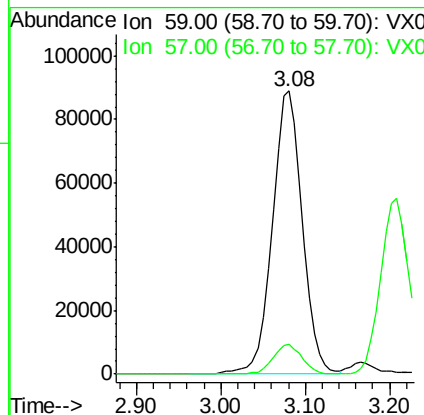
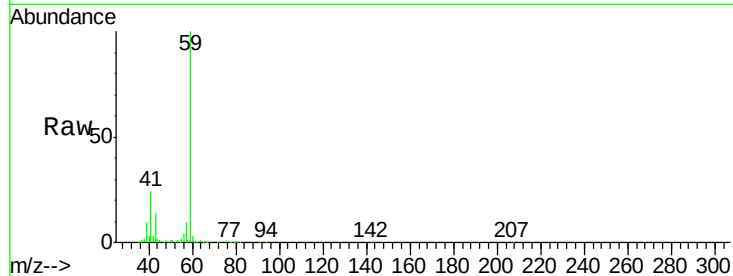
Tert butyl alcohol
Concen: 258.096 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

Manual Integrations
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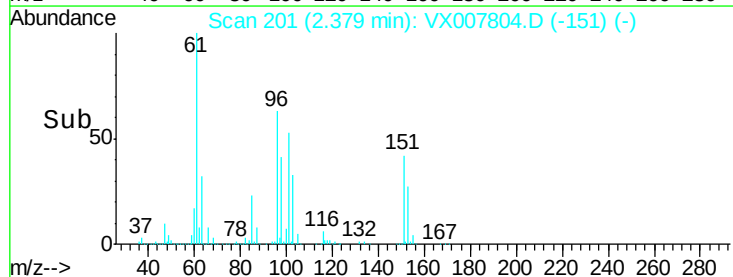
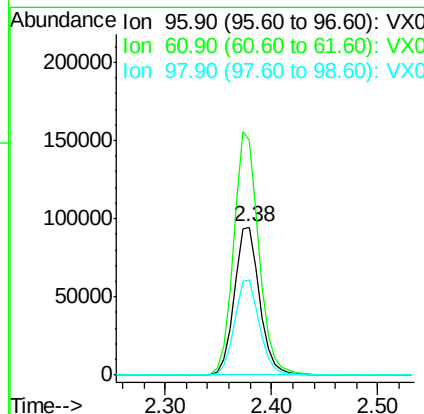
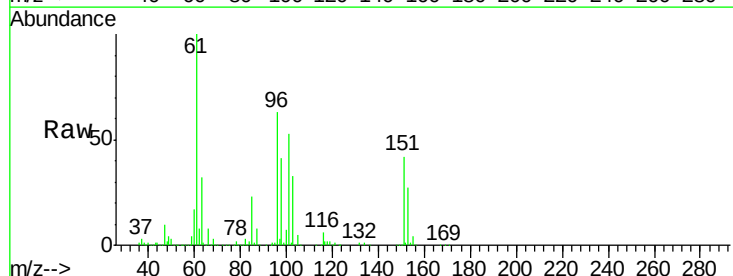
MMDadoda
3/5/2019 9:34:24 AM

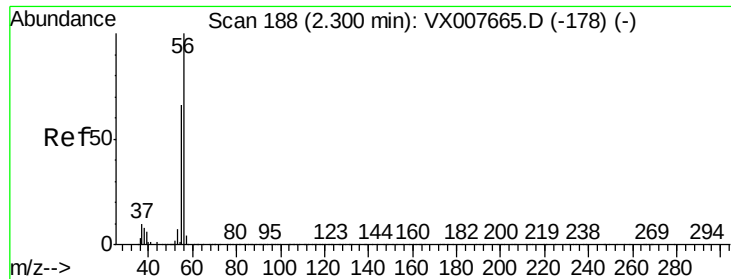


#12

1,1-Dichloroethene
Concen: 50.125 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	123.0	184.4
98	64.6	50.9	76.3





#13

Acrolein

Concen: 309.165 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 232769

Ion Ratio Lower Upper

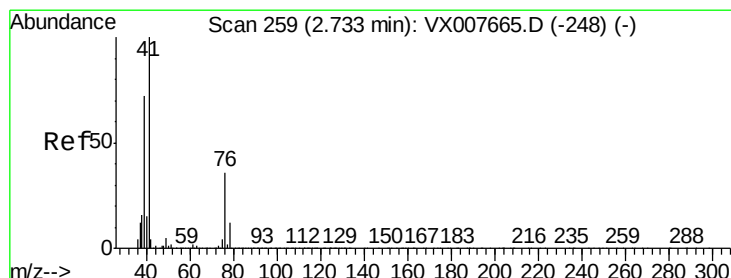
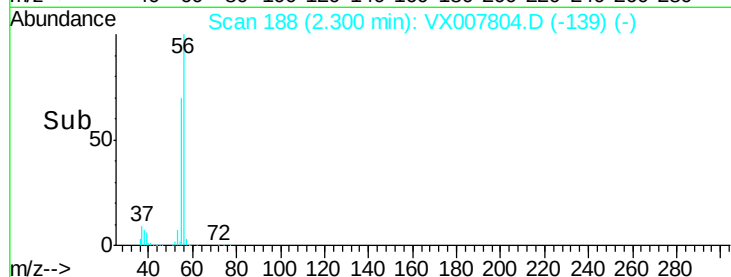
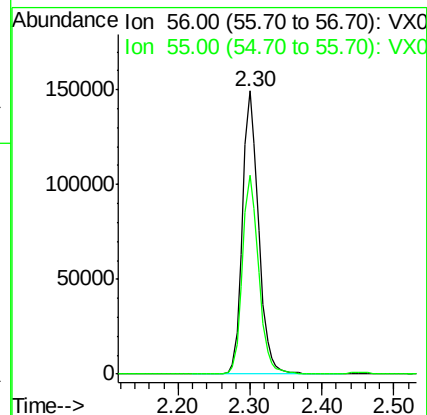
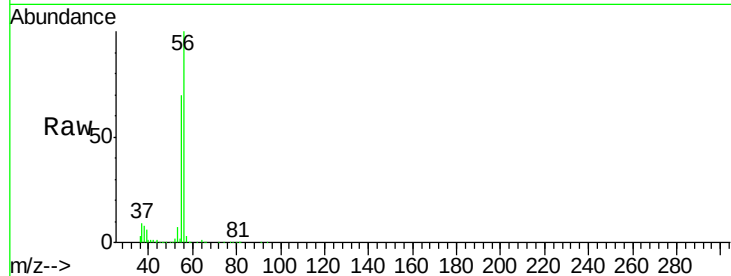
56 100

55 71.2 56.9 85.3

Manual Integrations
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MMDadoda

3/5/2019 9:34:24 AM



#14

Allyl chloride

Concen: 57.679 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

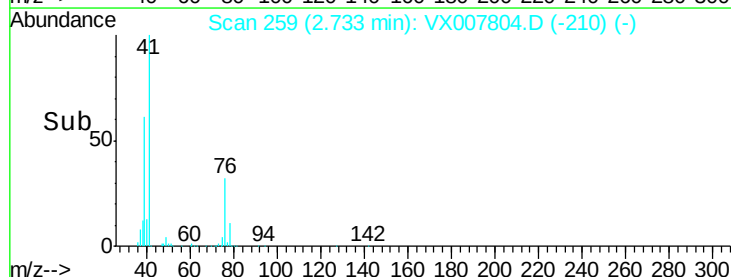
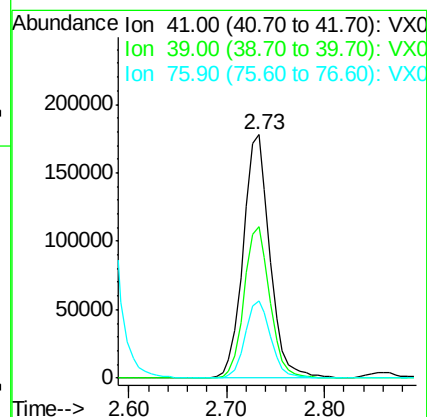
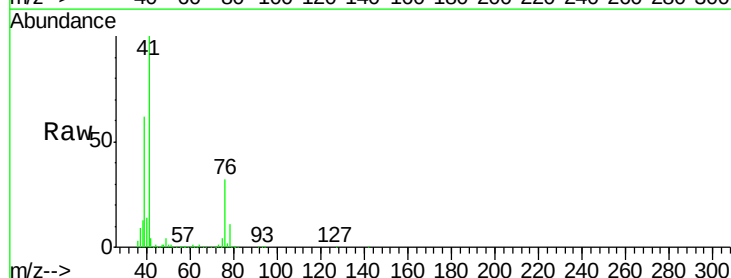
Tgt Ion: 41 Resp: 336316

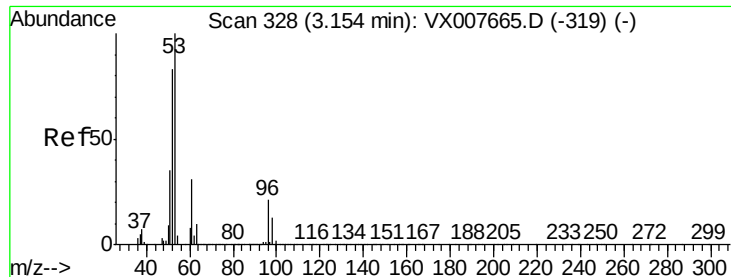
Ion Ratio Lower Upper

41 100

39 60.1 54.1 81.1

76 30.4 27.8 41.8





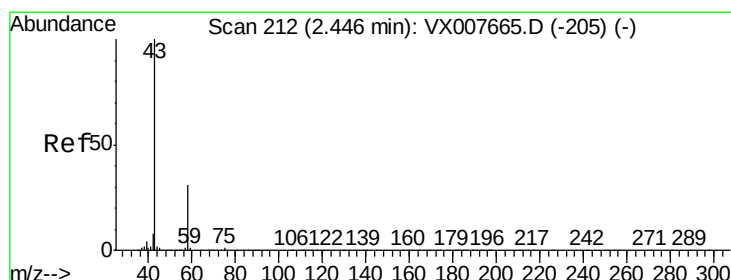
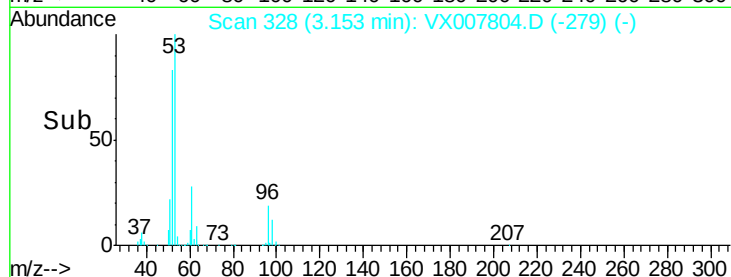
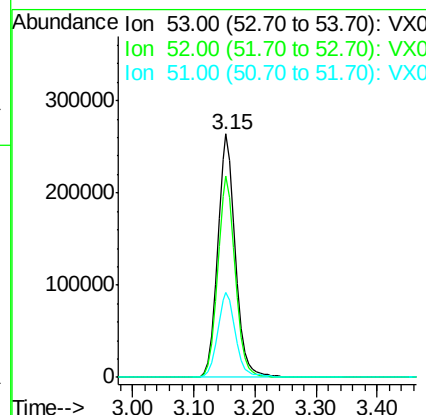
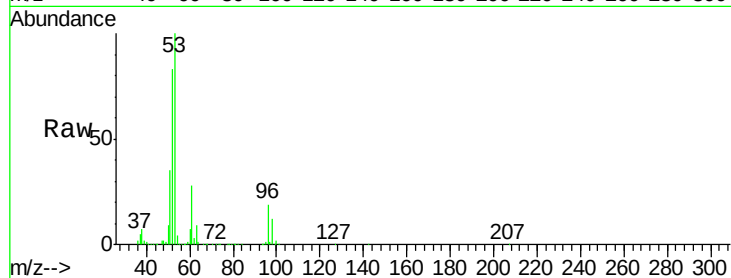
#15
 Acrylonitrile
 Concen: 269.972 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	538293
Ion Ratio		Lower	Upper
53	100		
52	82.1	66.4	99.6
51	35.5	28.4	42.6

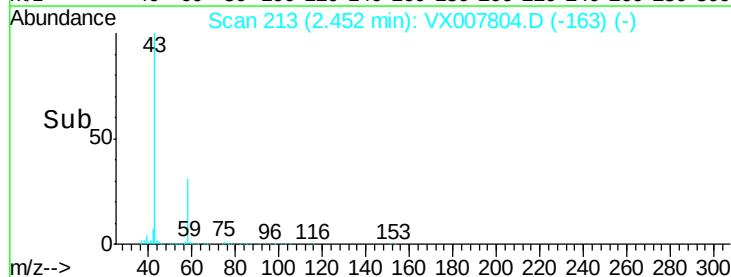
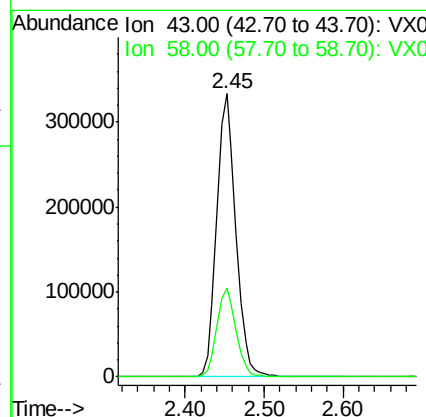
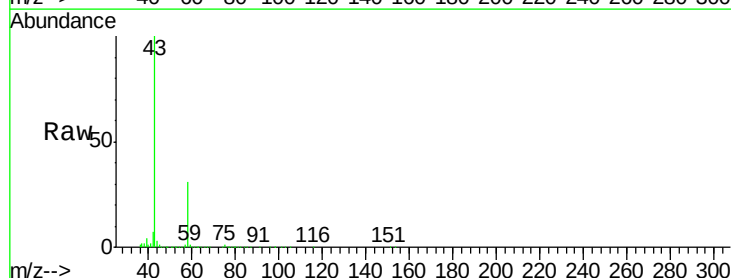
Manual Integrations
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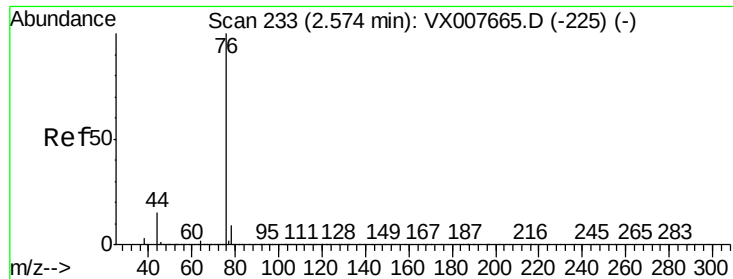
MMDadoda
 3/5/2019 9:34:24 AM



#16
 Acetone
 Concen: 283.184 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion:	43	Resp:	562356
Ion Ratio		Lower	Upper
43	100		
58	31.3	24.9	37.3





#17

Carbon Disulfide

Concen: 52.971 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 464723

Ion Ratio Lower Upper

76 100

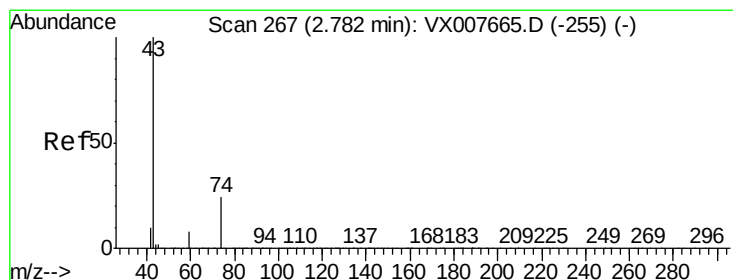
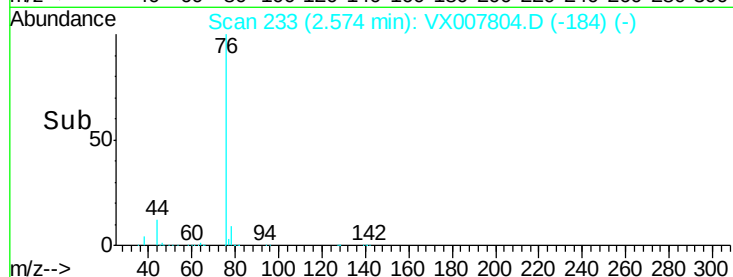
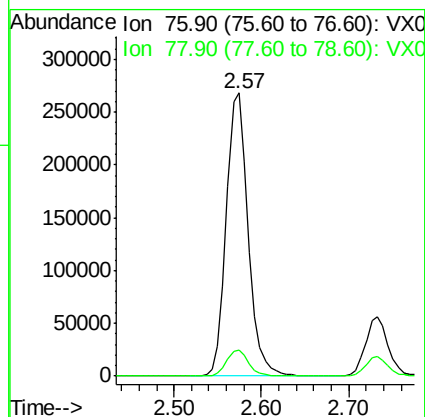
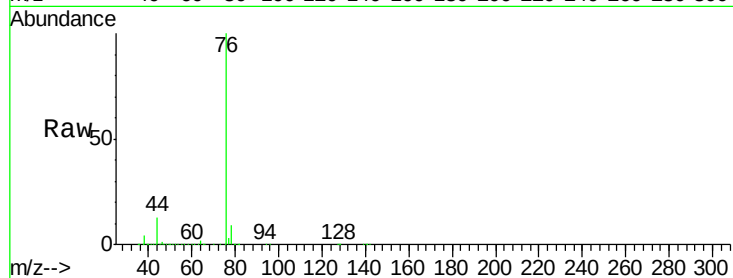
78 9.3 7.1 10.7

Manual Integrations

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MMDadoda

3/5/2019 9:34:24 AM



#18

Methyl Acetate

Concen: 59.509 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007804.D

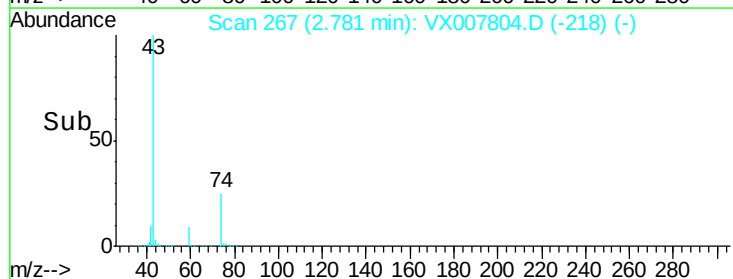
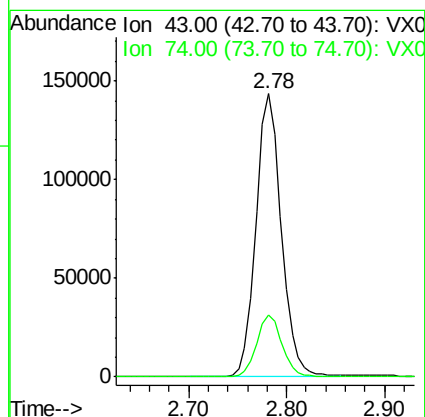
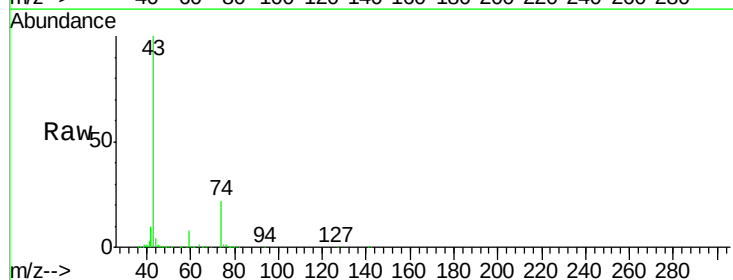
Acq: 04 Mar 2019 11:57

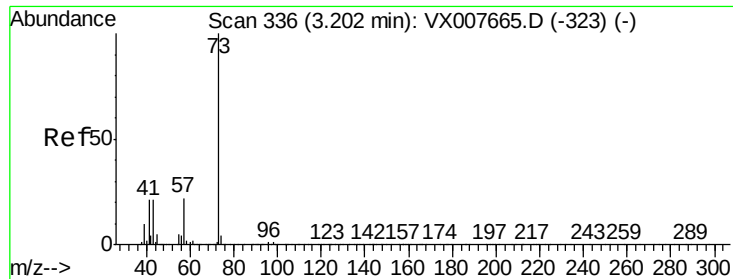
Tgt Ion: 43 Resp: 257872

Ion Ratio Lower Upper

43 100

74 21.6 19.4 29.2





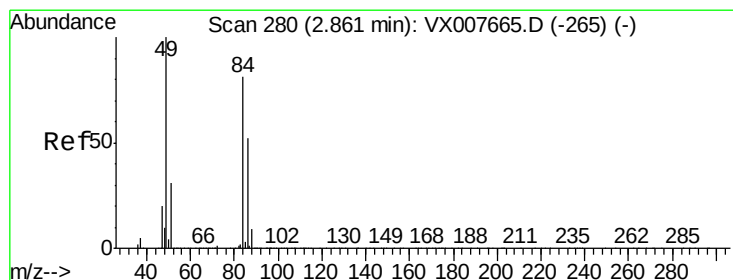
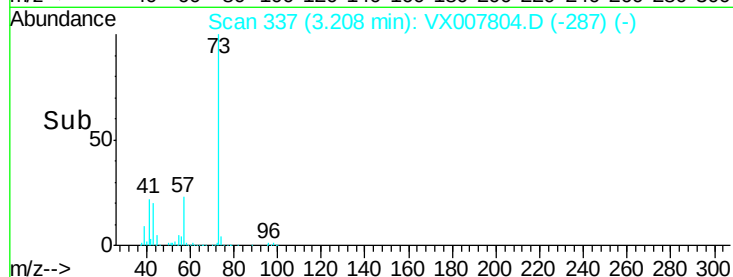
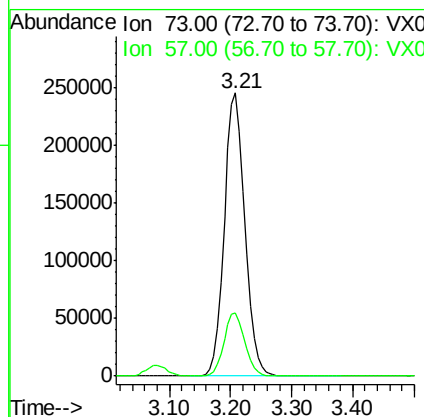
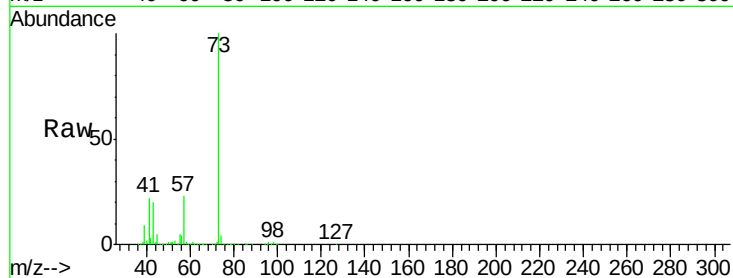
#19
Methyl tert-butyl Ether
Concen: 52.309 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.8

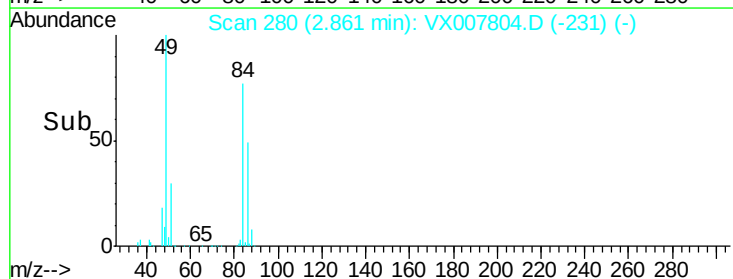
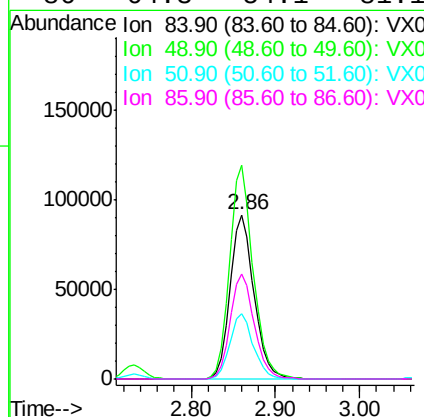
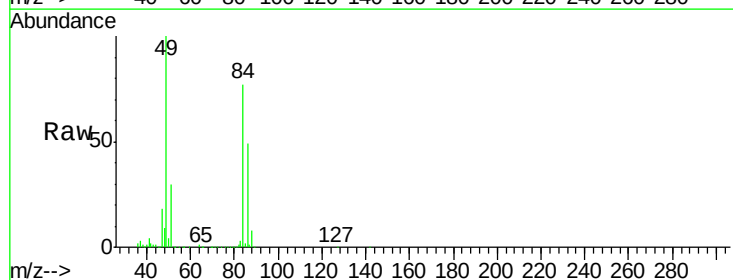
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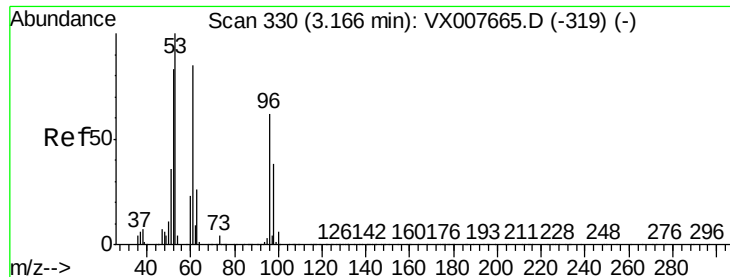
MMDadoda
3/5/2019 9:34:24 AM



#20
Methylene Chloride
Concen: 48.054 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.1	94.8	142.2
51	39.3	29.8	44.8
86	64.3	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 50.202 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

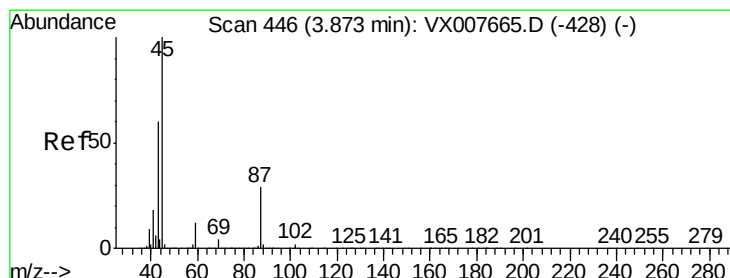
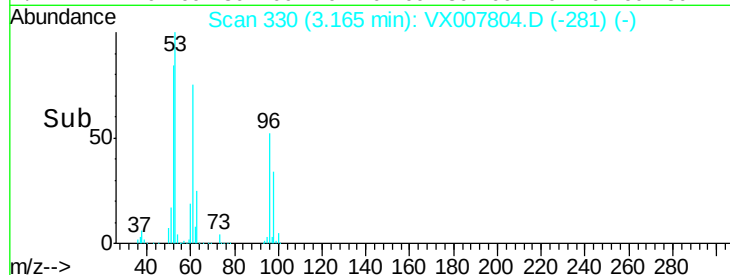
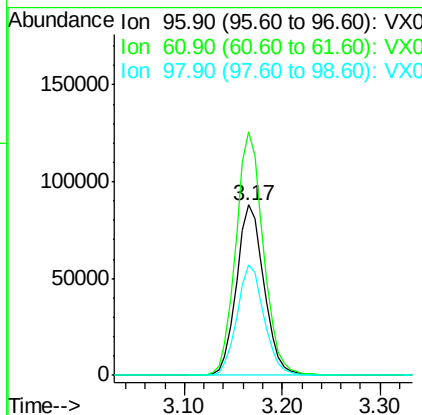
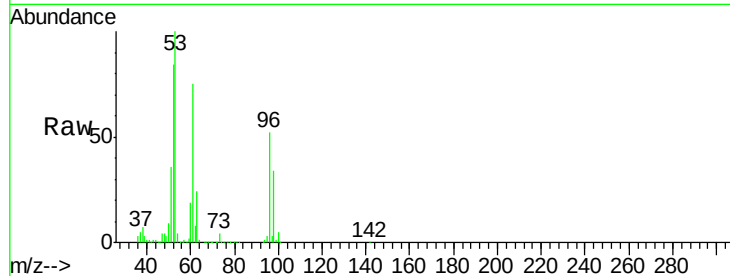
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	172102
Ion	Ratio	Lower	Upper
96	100		
61	142.6	104.6	156.8
98	64.5	51.0	76.4

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MMDadoda
3/5/2019 9:34:24 AM



#22

Diisopropyl ether

Concen: 51.342 ug/l

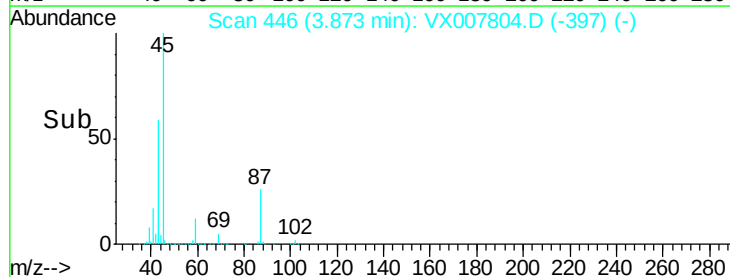
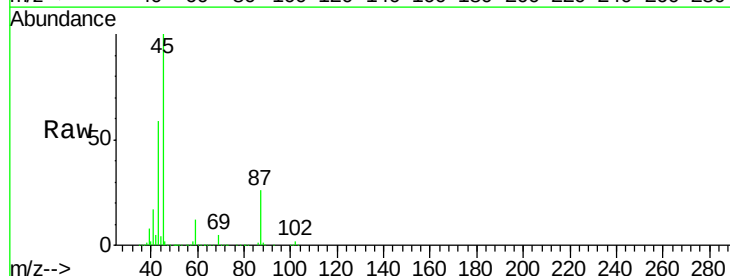
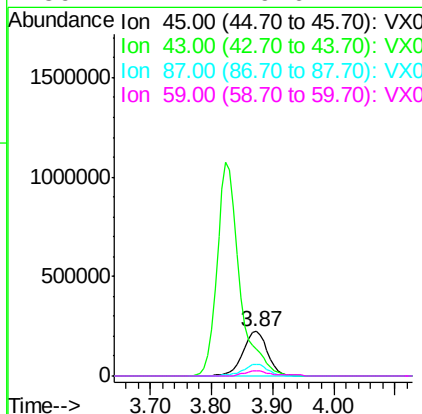
RT: 3.87 min Scan# 446

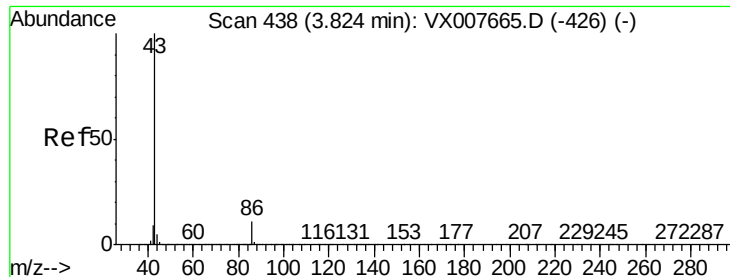
Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion:	45	Resp:	623194
Ion	Ratio	Lower	Upper
45	100		
43	58.9	48.9	73.3
87	26.3	23.9	35.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 259.567 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2764214

Ion Ratio Lower Upper

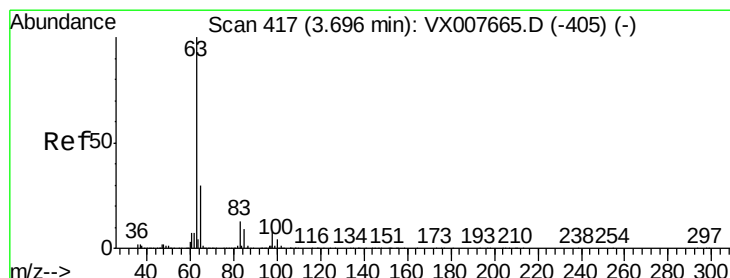
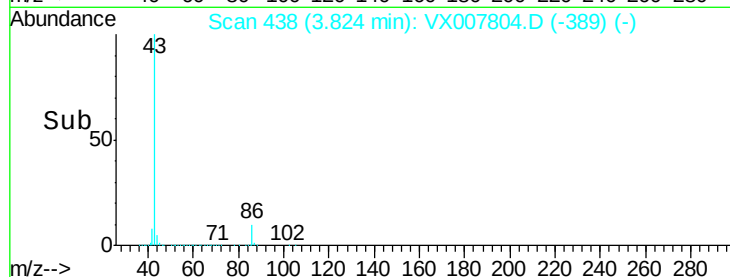
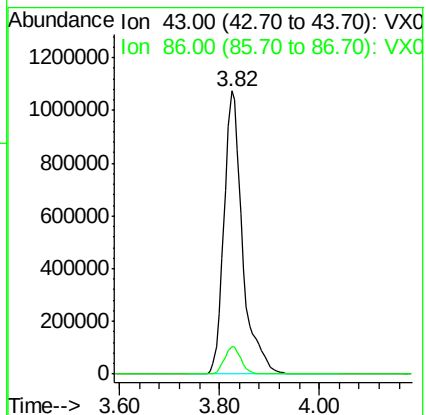
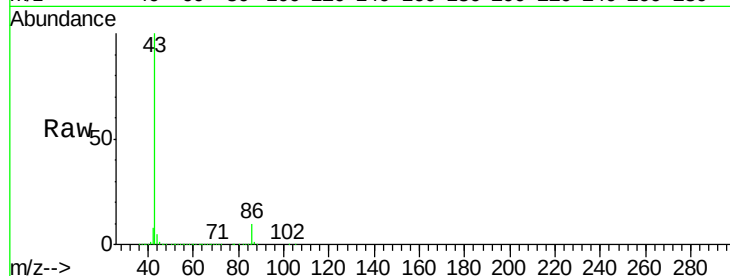
43 100

86 9.6 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 50.469 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

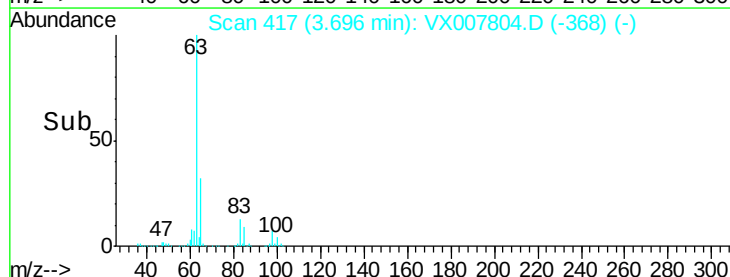
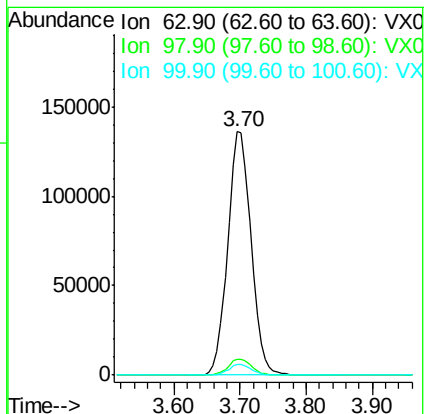
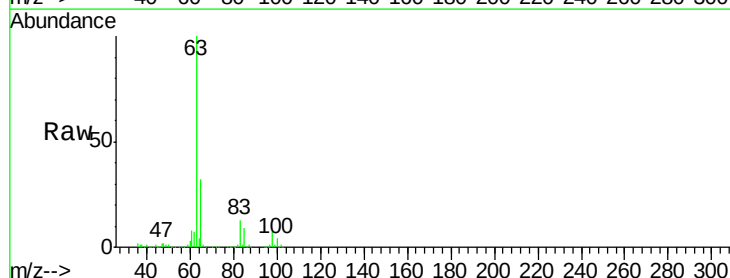
Tgt Ion: 63 Resp: 332928

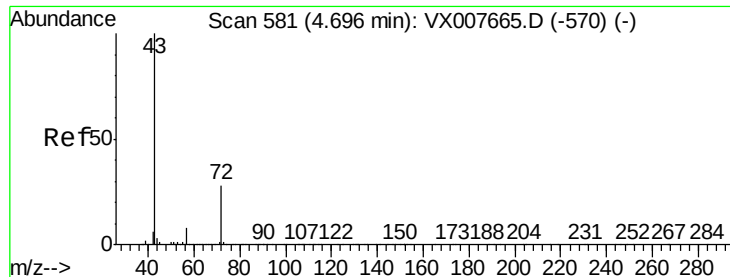
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 263.986 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tot Ion: 43 Resp: 798541

Ion Ratio Lower Upper

43 100

72 25.4 22.2 33.2

Instrument :

MSVOA_X

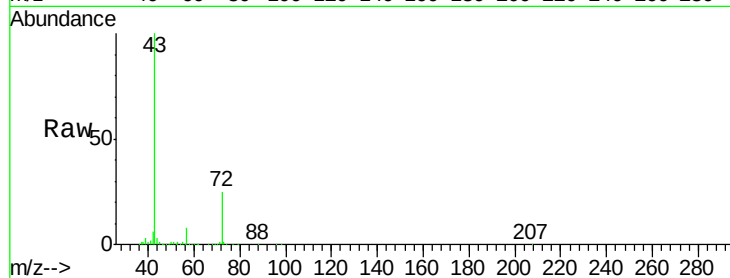
ClientSampleId :

VSTDCCC050

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

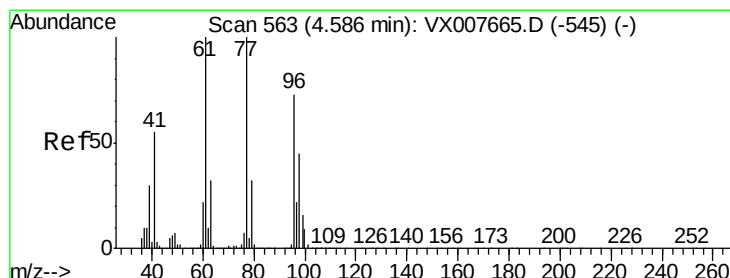
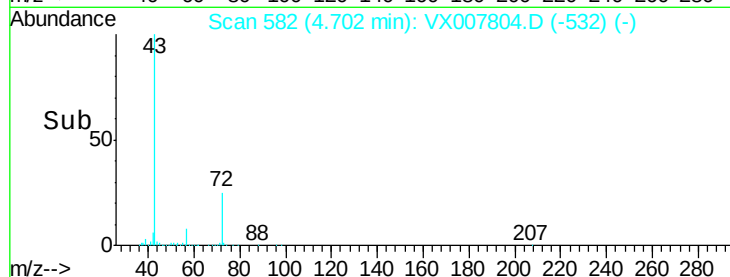
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.679 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007804.D

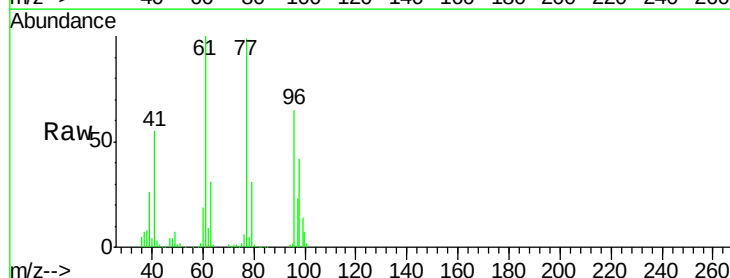
Acq: 04 Mar 2019 11:57

Tgt Ion: 77 Resp: 266866

Ion Ratio Lower Upper

77 100

97 24.1 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

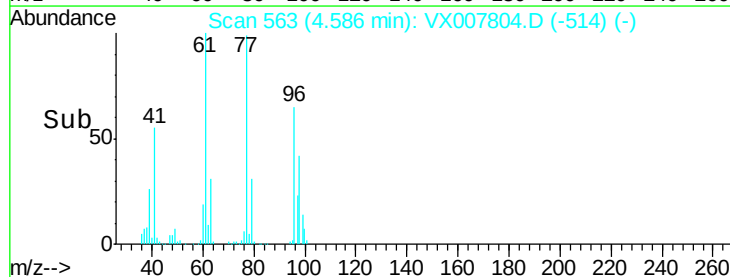
40000

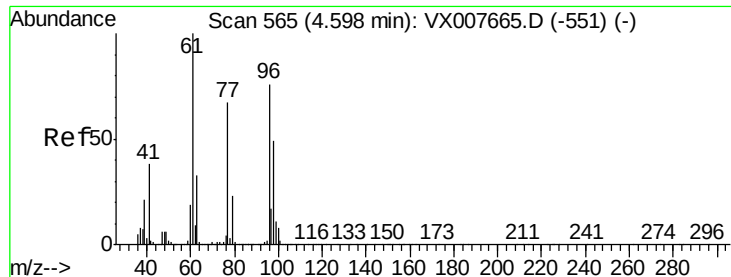
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

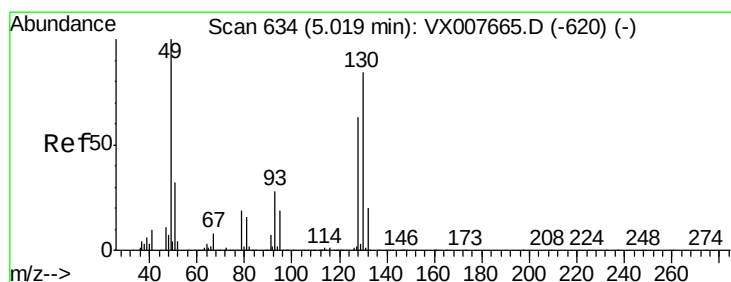
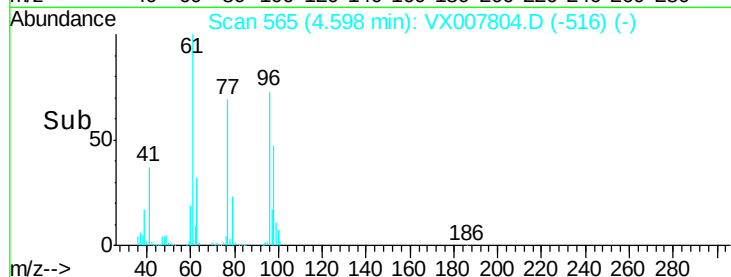
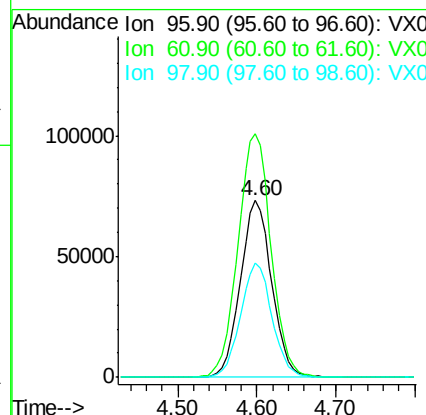
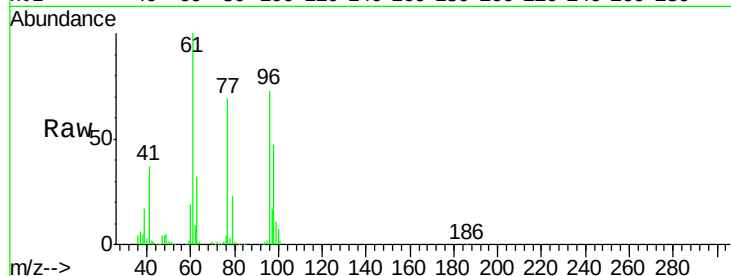
cis-1,2-Dichloroethene
Concen: 46.304 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	265.6
98	65.0	0.0	131.6

Manual Integrations
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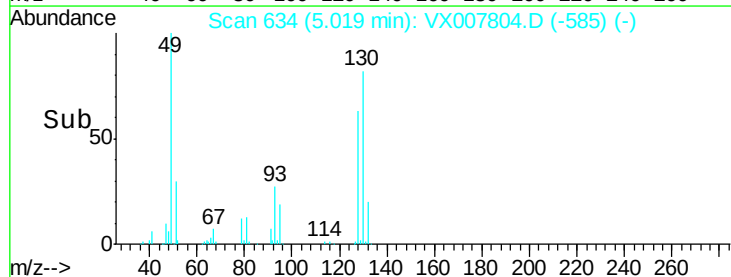
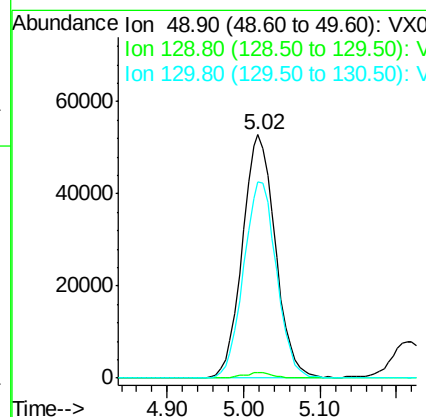
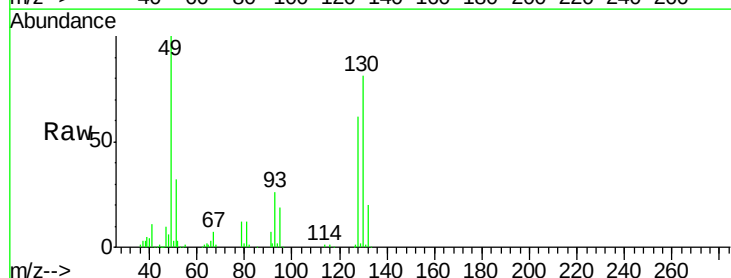
MMDadoda
3/5/2019 9:34:24 AM

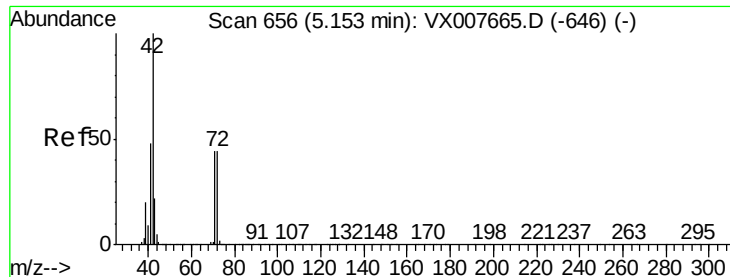


#28

Bromochloromethane
Concen: 49.074 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	80.8	75.6	113.4





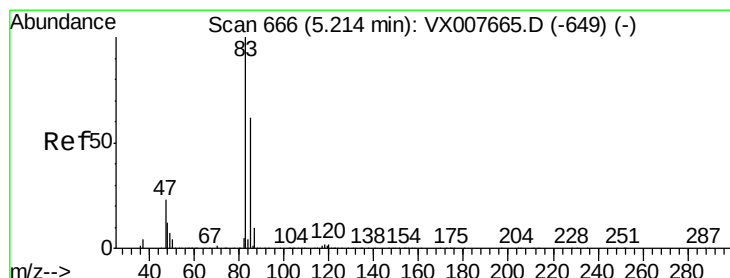
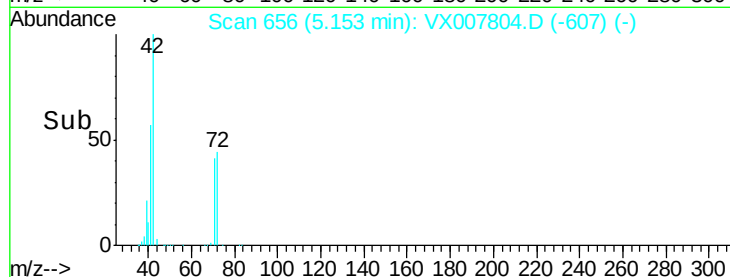
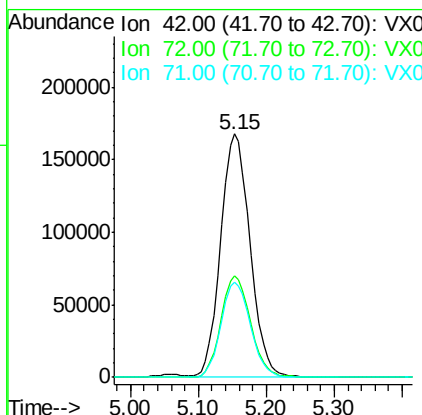
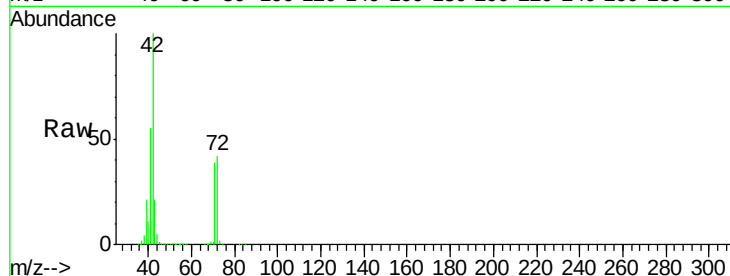
#29
Tetrahydrofuran
Concen: 252.015 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	37.6	56.4
71	39.3	34.6	51.8

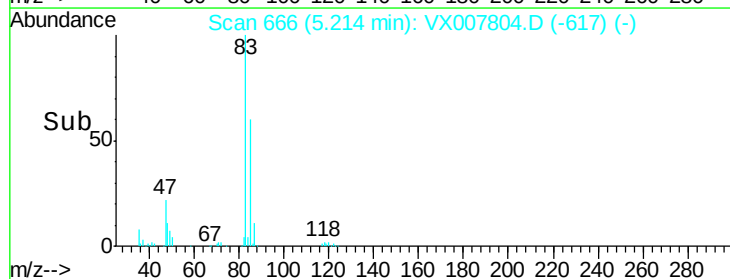
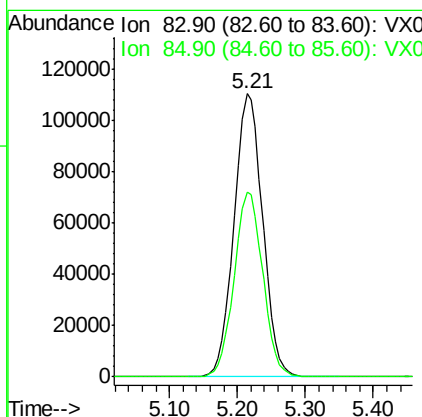
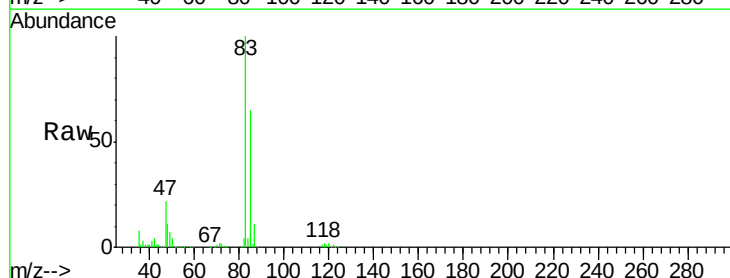
Manual Integrations
APPROVED

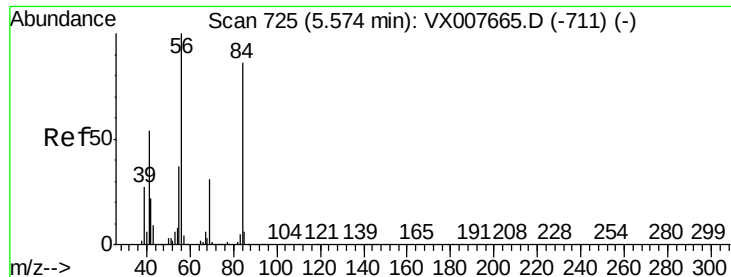
MMDadoda
3/5/2019 9:34:24 AM



#30
Chloroform
Concen: 45.735 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.6	77.4





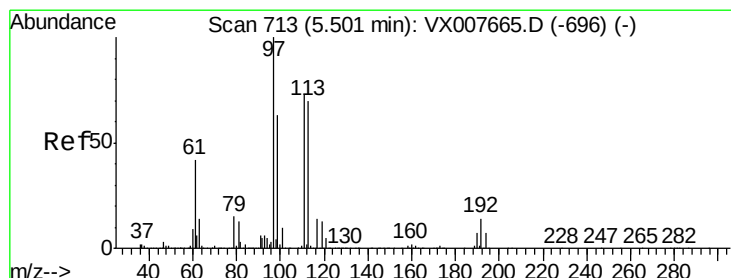
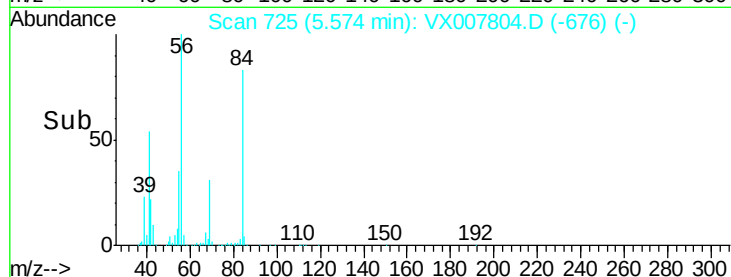
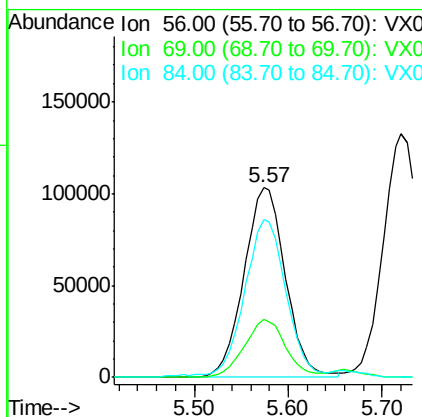
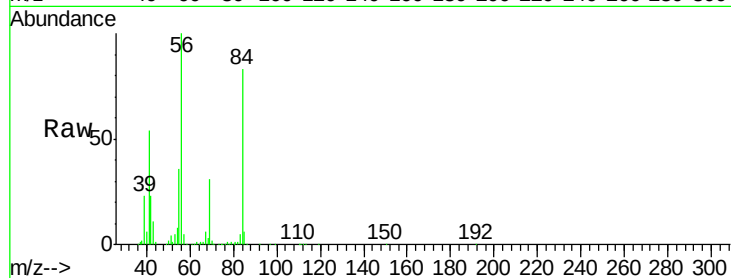
#31
Cyclohexane
Concen: 50.954 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.0	34.6
84	82.3	69.8	104.6

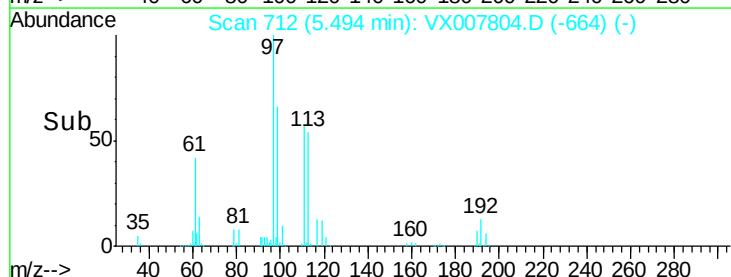
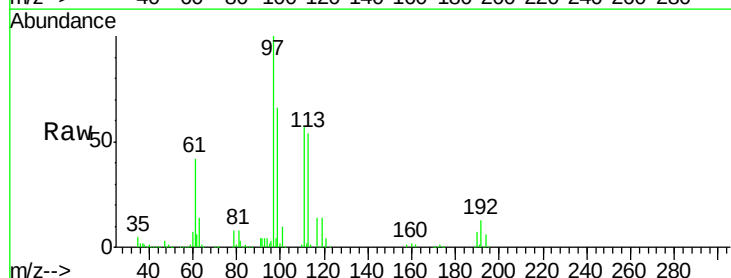
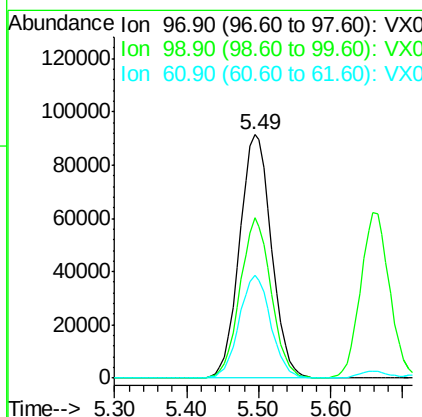
Manual Integrations
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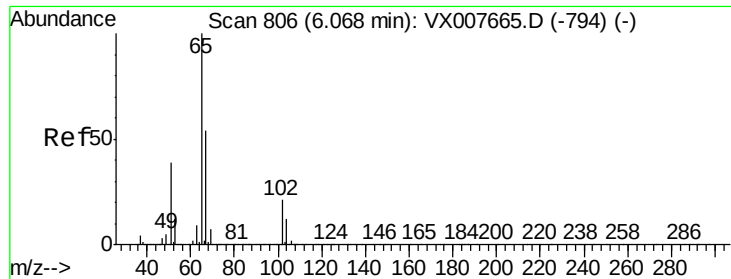
MMDadoda
3/5/2019 9:34:24 AM



#32
1,1,1-Trichloroethane
Concen: 48.094 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.2	78.2
61	41.9	32.7	49.1





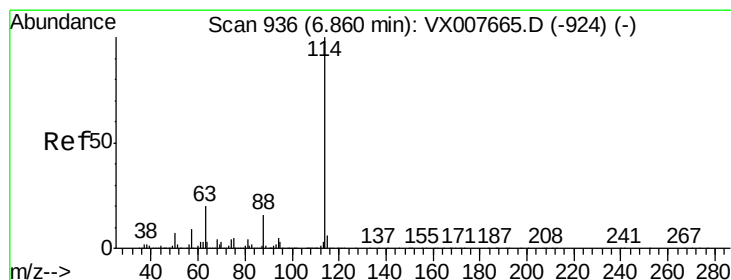
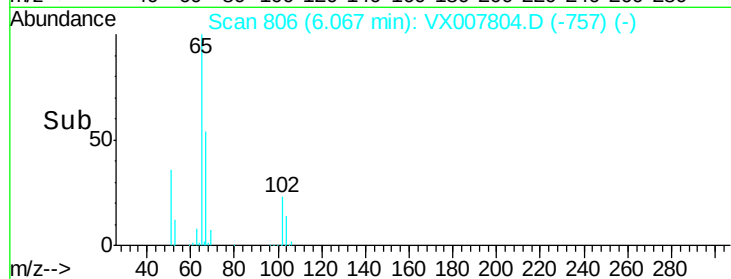
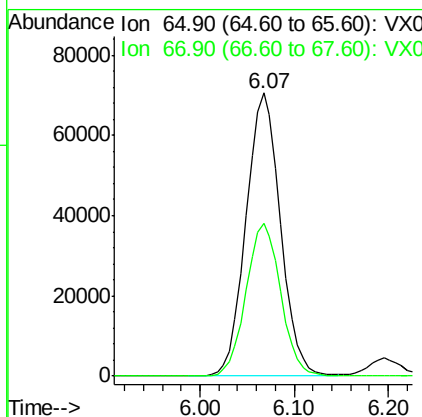
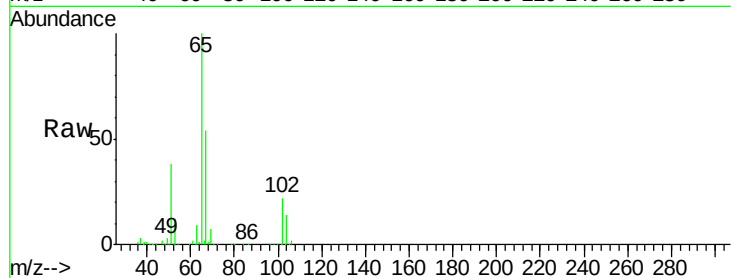
#33
 1,2-Dichloroethane-d4
 Concen: 40.303 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179974		
67	54.4	0.0	108.8	

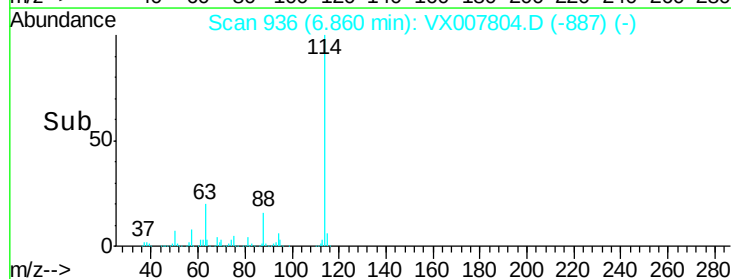
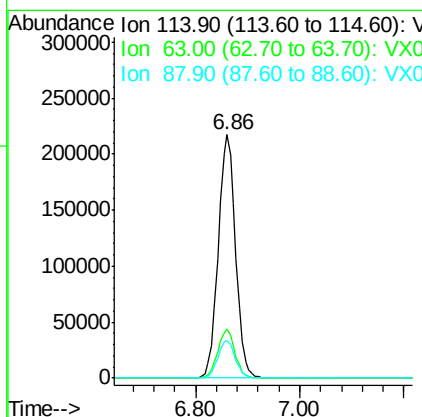
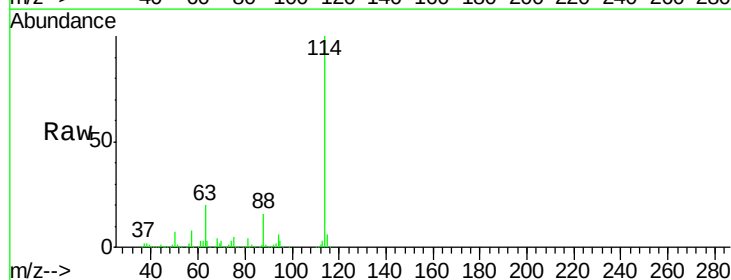
Manual Integrations
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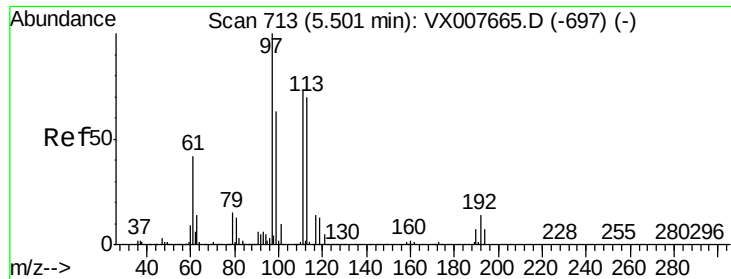
MMDadoda
 3/5/2019 9:34:24 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	506616		
63	20.0	0.0	35.6	
88	15.6	0.0	29.6	





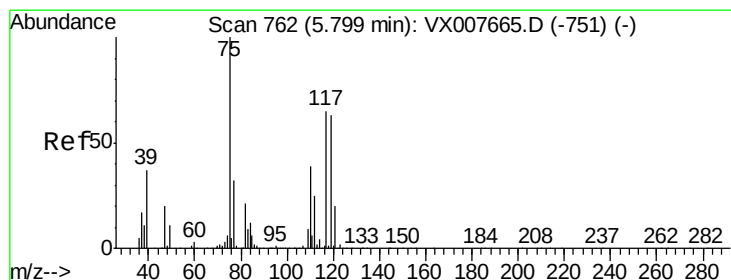
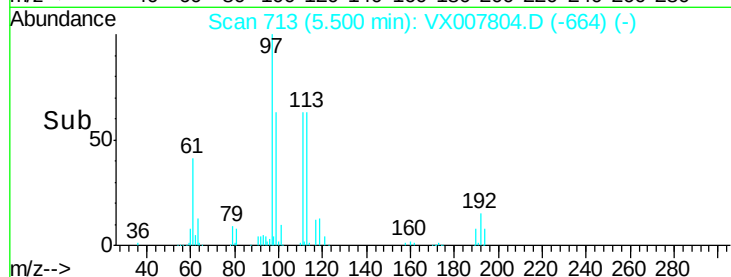
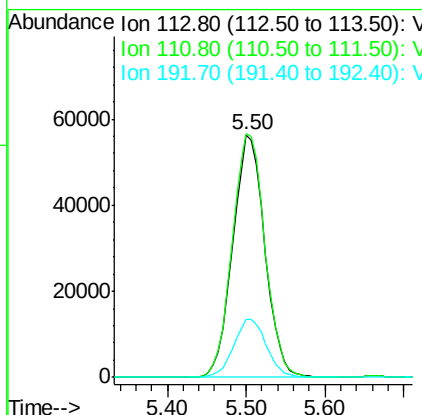
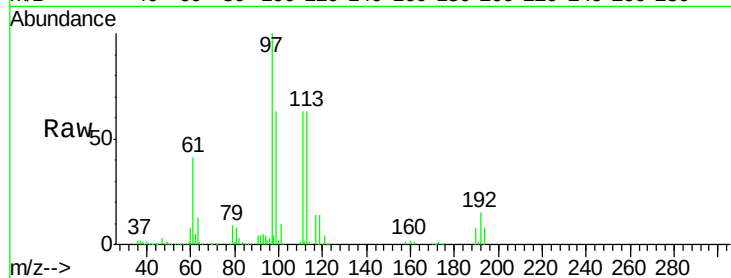
#35
 Dibromofluoromethane
 Concen: 46.993 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	24.3	18.5	27.7

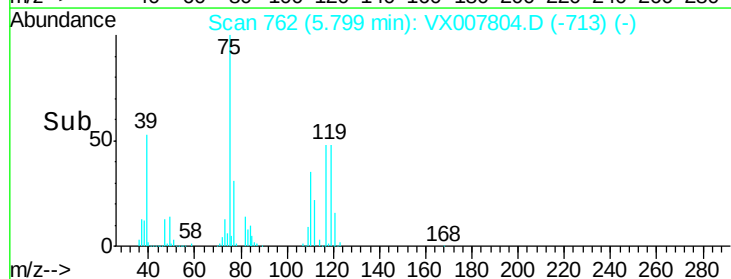
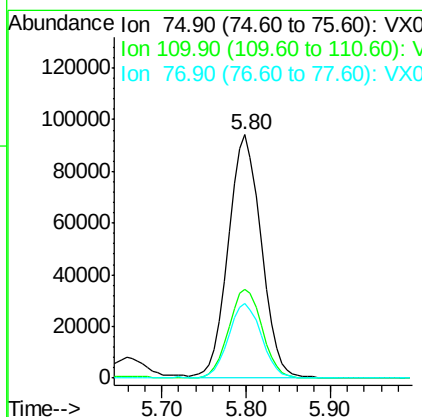
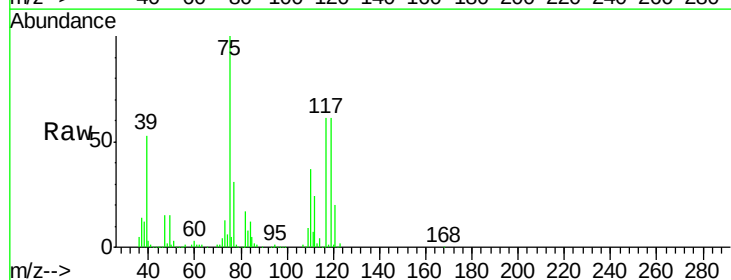
Manual Integrations
 APPROVED

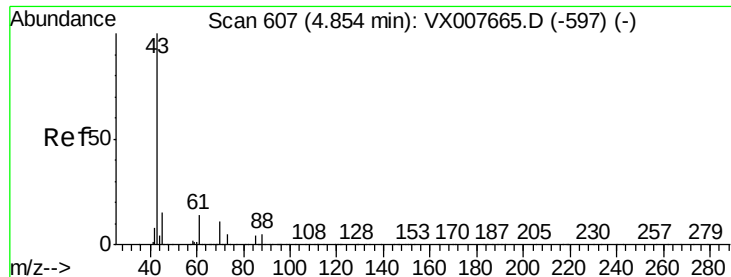
MMDadoda
 3/5/2019 9:34:24 AM



#36
 1,1-Dichloropropene
 Concen: 54.723 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	20.0	59.9
77	31.1	24.7	37.1





#37

Ethyl Acetate

Concen: 56.234 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

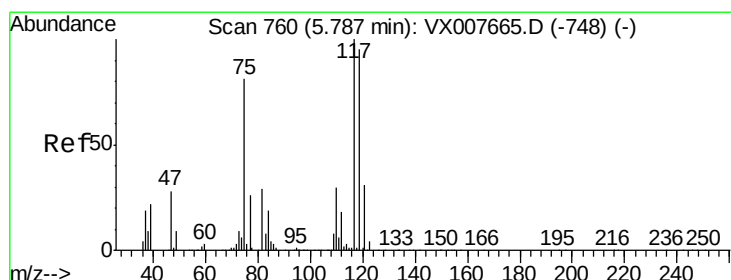
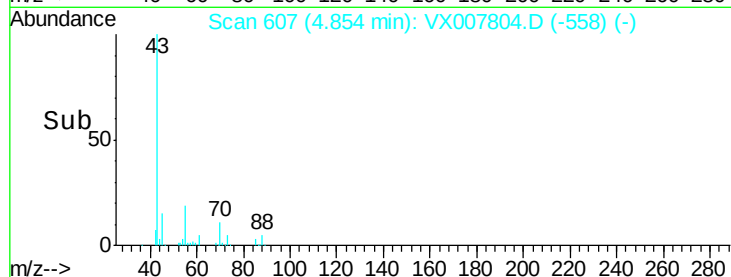
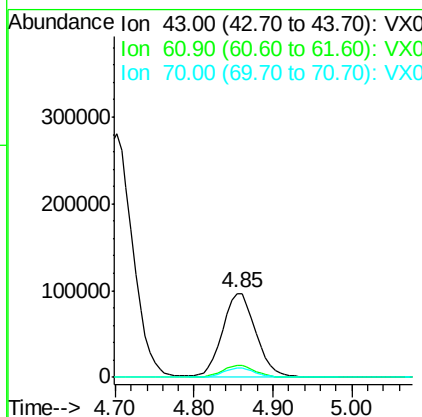
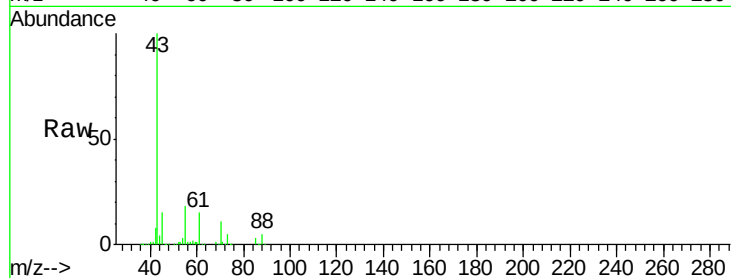
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	284515
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	10.7	8.6	13.0

Manual Integrations
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3/5/2019 9:34:24 AM



#38

Carbon Tetrachloride

Concen: 54.801 ug/l

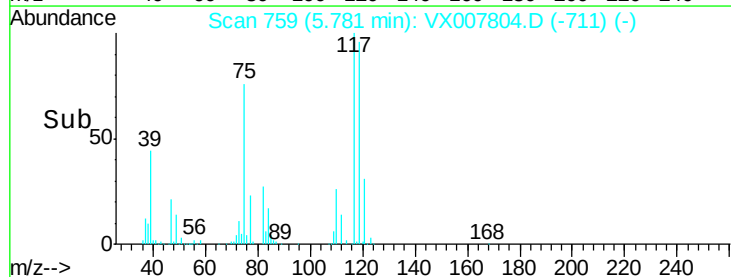
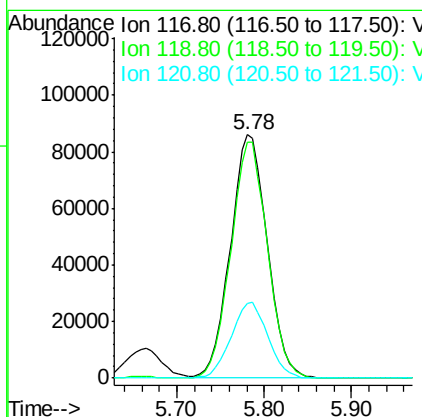
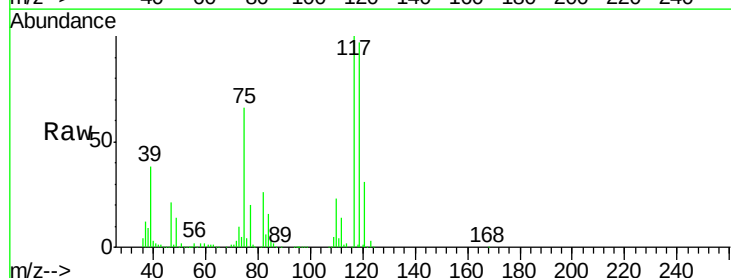
RT: 5.78 min Scan# 759

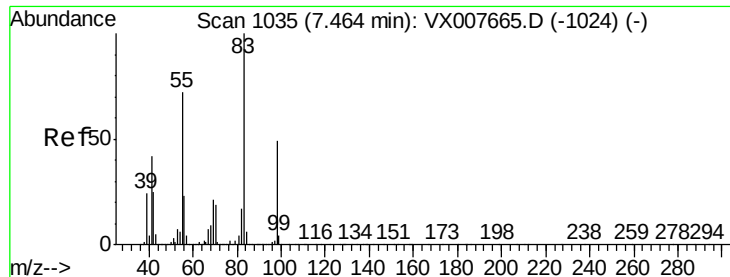
Delta R.T. -0.01 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion:	117	Resp:	250727
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.3	112.9
121	30.7	25.0	37.4





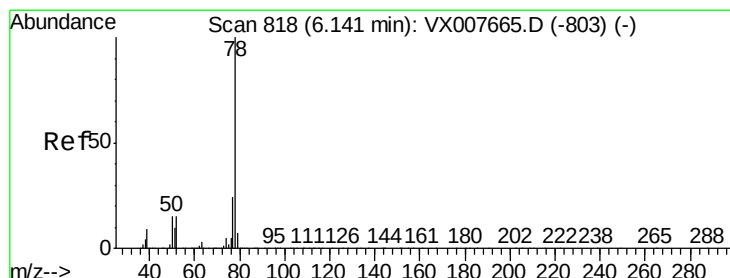
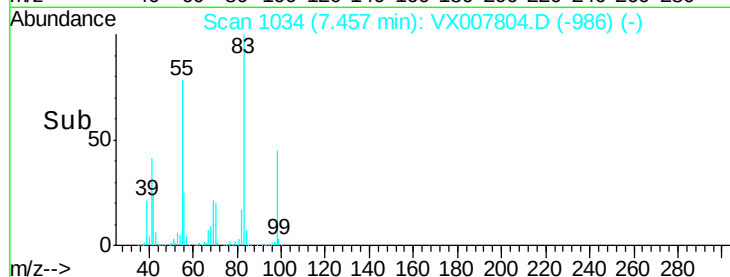
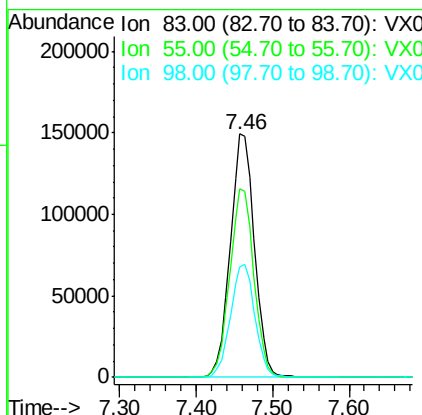
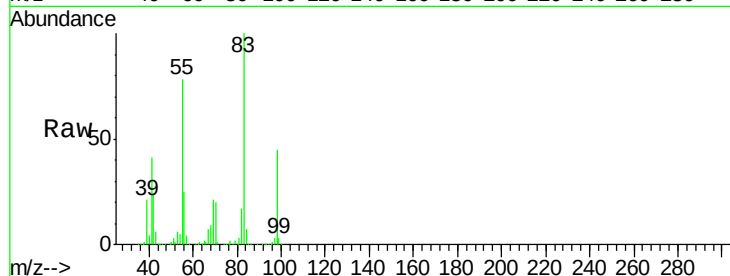
#39
Methylvlcyclohexane
Concen: 56.358 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	324419		
55	77.6		56.2	84.2
98	45.4		36.8	55.2

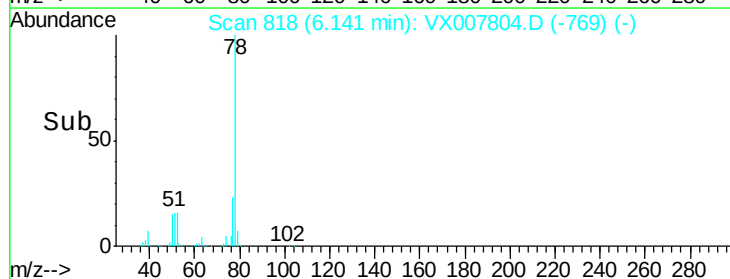
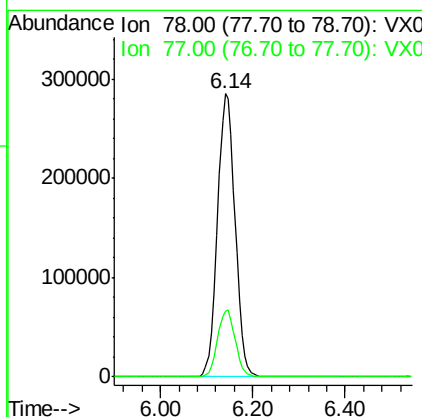
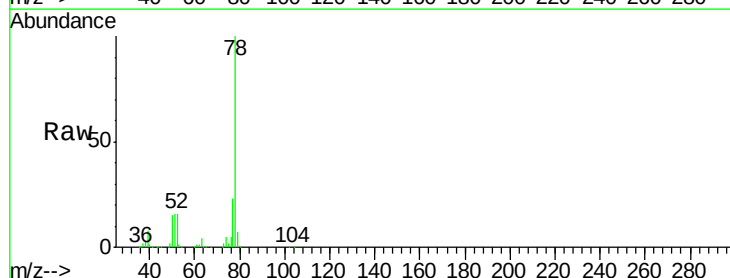
Manual Integrations
APPROVED

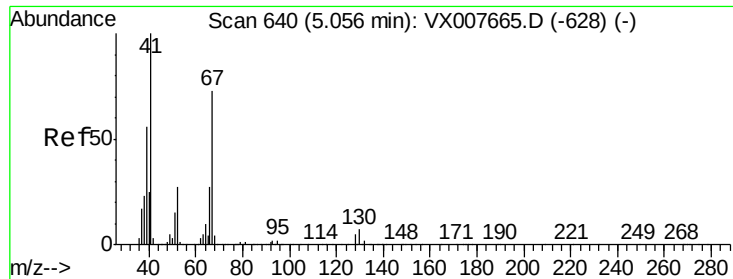
MMDadoda
3/5/2019 9:34:24 AM



#40
Benzene
Concen: 53.619 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	753874		
77	23.3		19.3	28.9





#41

Methacrylonitrile

Concen: 59.956 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

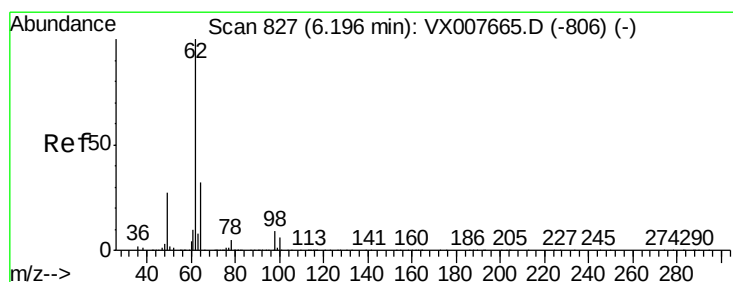
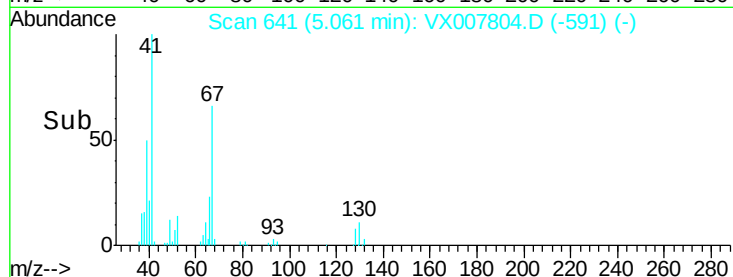
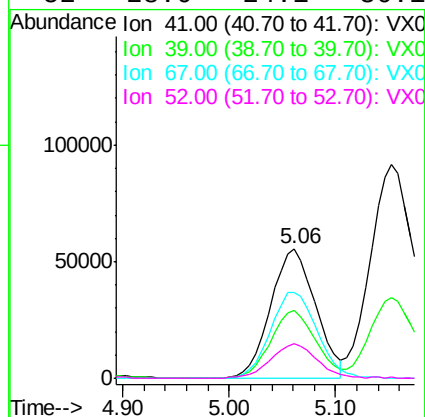
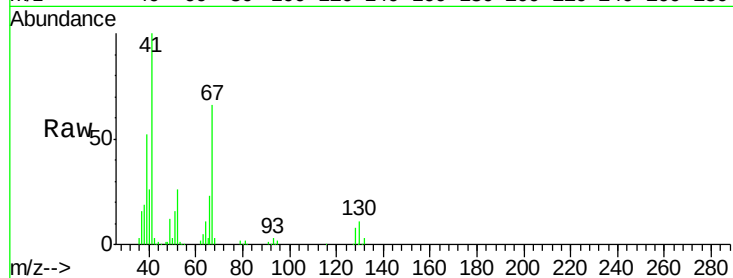
ClientSampleId :

VSTDCCC050

Tot Ion:	41	Resp:	161983
Ion	Ratio	Lower	Upper
41	100		
39	52.3	44.5	66.7
67	69.3	60.4	90.6
52	28.0	24.1	36.1

Manual Integrations
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3/5/2019 9:34:24 AM



#42

1,2-Dichloroethane

Concen: 52.369 ug/l

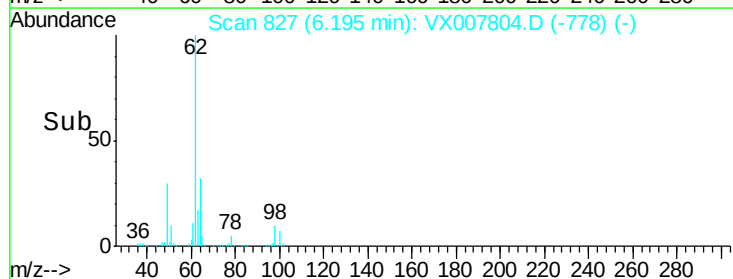
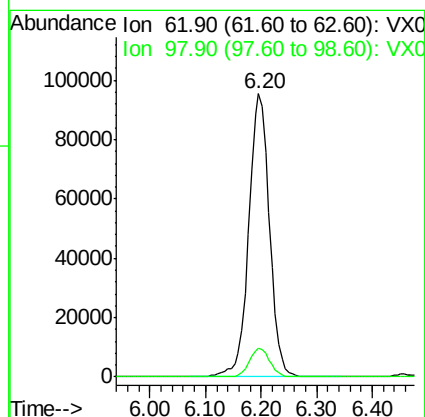
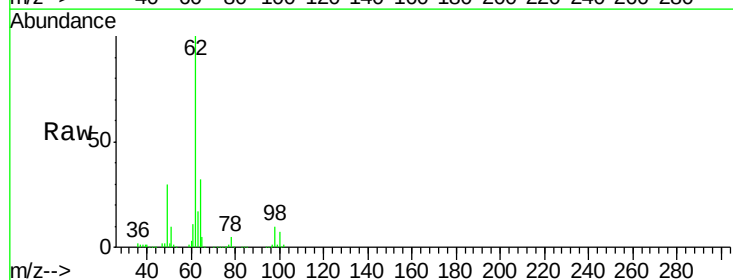
RT: 6.20 min Scan# 827

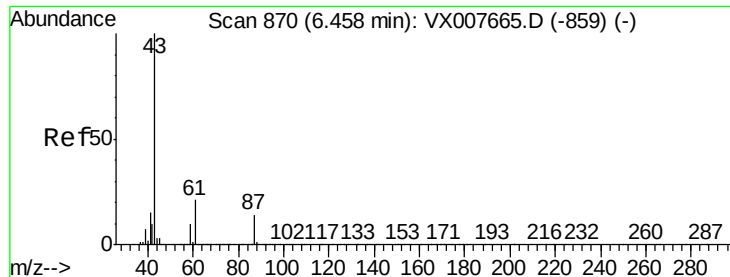
Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion:	62	Resp:	247480
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0





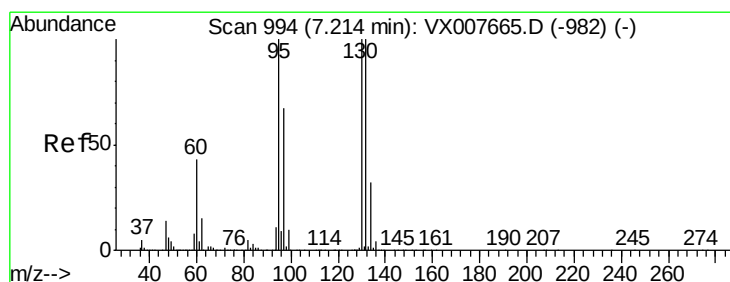
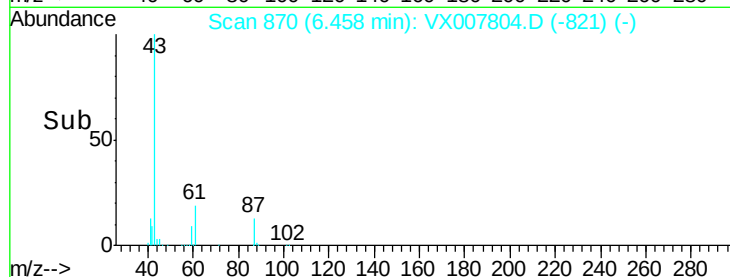
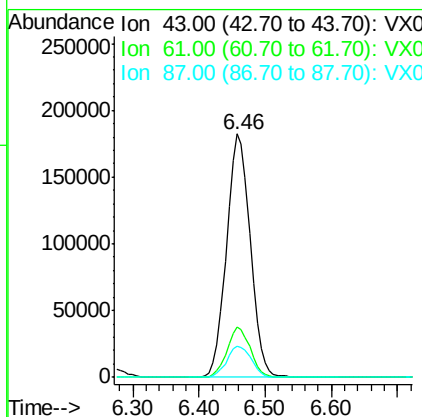
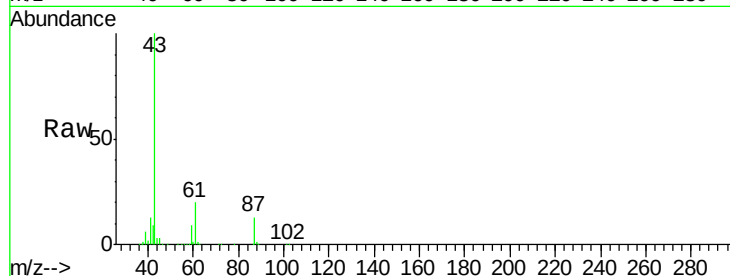
#43
Isopropyl Acetate
Concen: 58.122 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	13.2	11.5	17.3

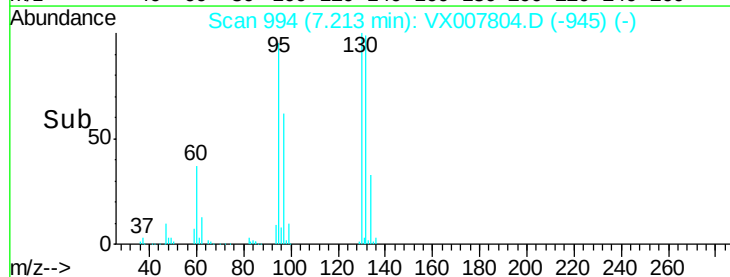
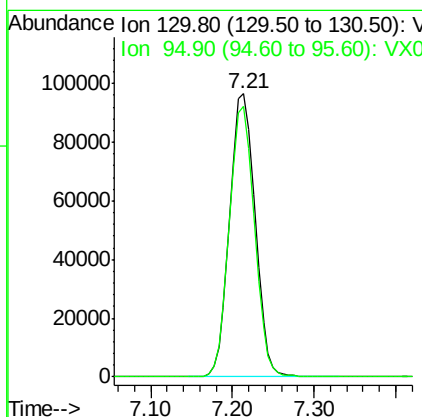
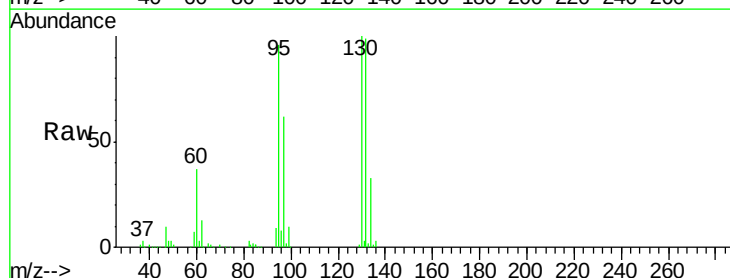
Manual Integrations
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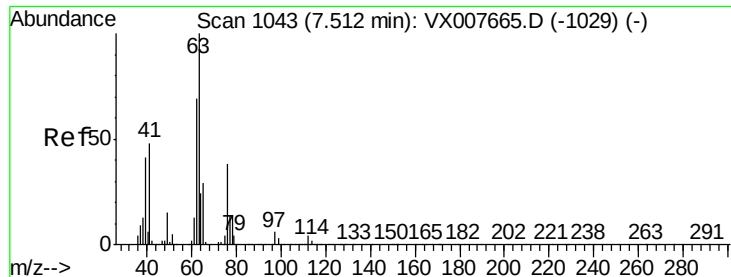
MMDadoda
3/5/2019 9:34:24 AM



#44
Trichloroethene
Concen: 53.765 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	180.0





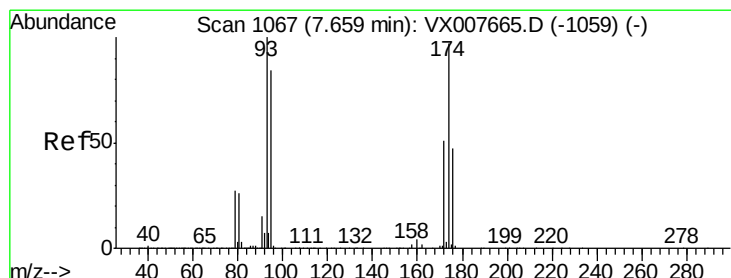
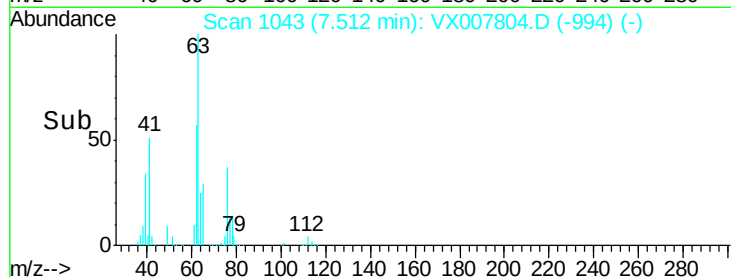
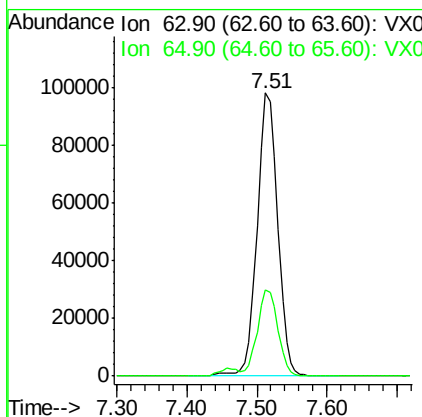
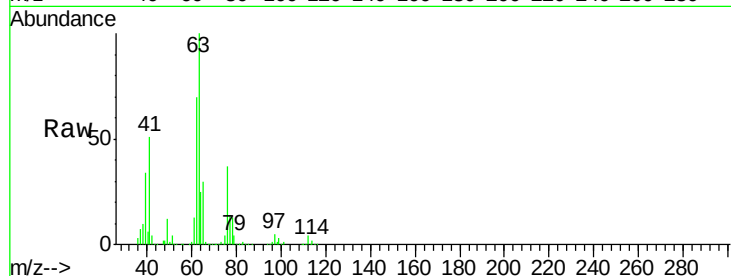
#45
 1,2-Dichloropropane
 Concen: 55.336 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.2	36.2

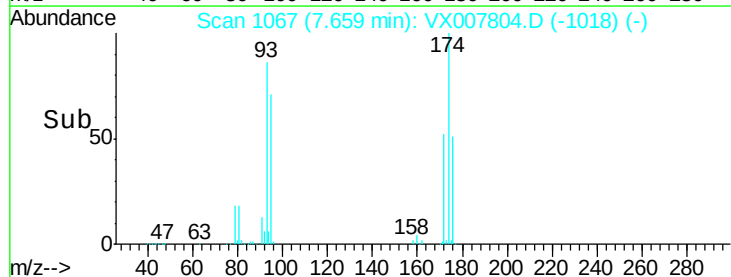
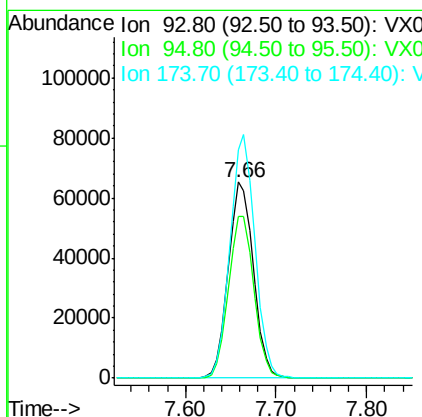
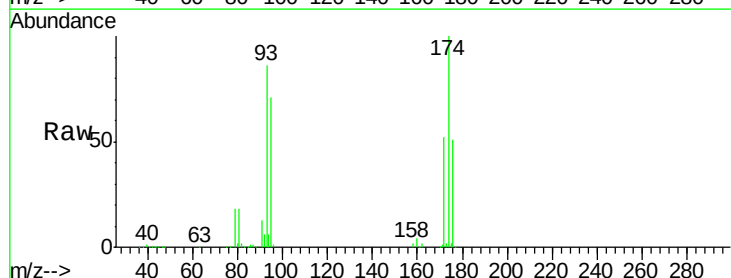
Manual Integrations
 APPROVED

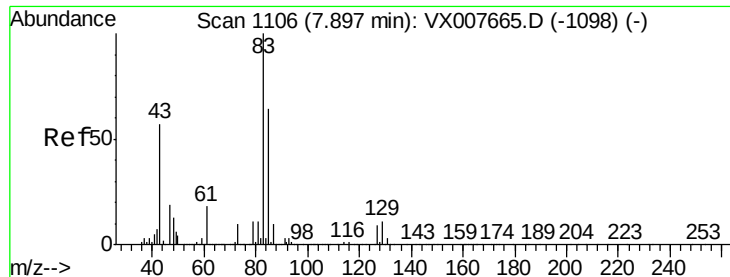
MMDadoda
 3/5/2019 9:34:24 AM



#46
 Dibromomethane
 Concen: 49.609 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.6	101.4
174	122.6	94.2	141.4





#47

Bromodichloromethane

Concen: 56.537 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

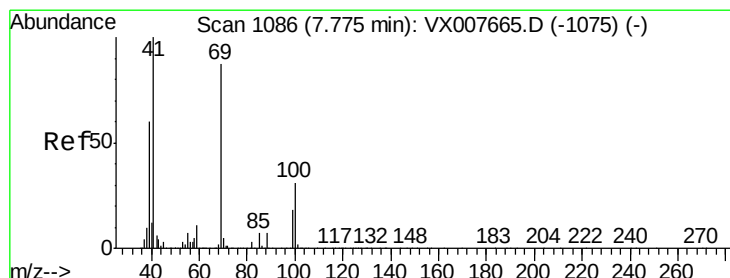
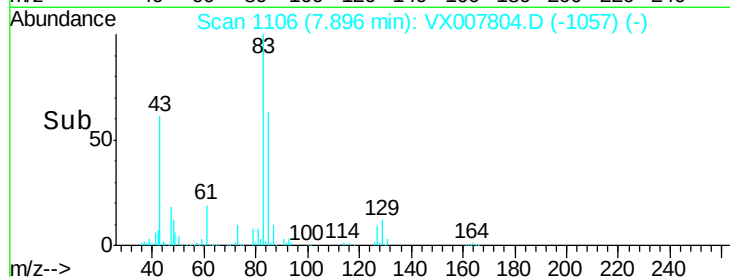
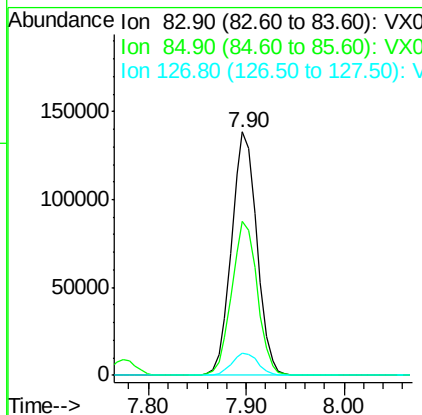
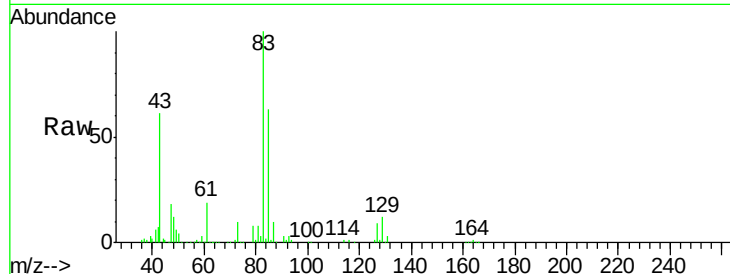
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	248946
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.0
127	9.1	8.1	12.1

Manual Integrations
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MMDadoda
3/5/2019 9:34:24 AM



#48

Methyl methacrylate

Concen: 57.957 ug/l

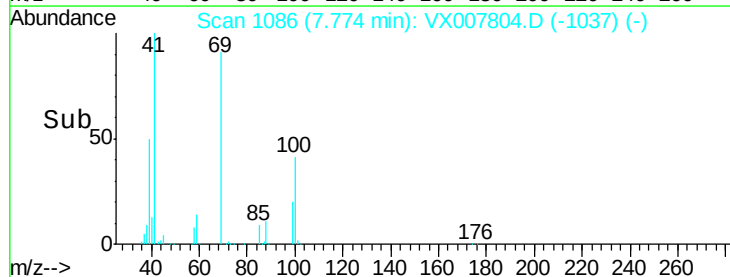
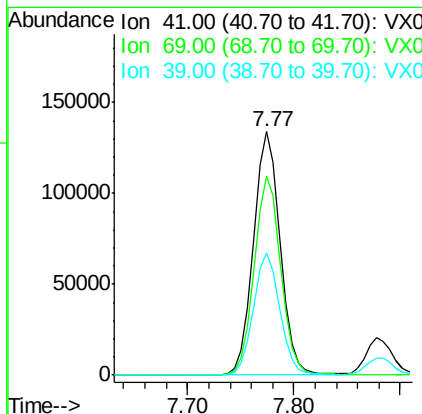
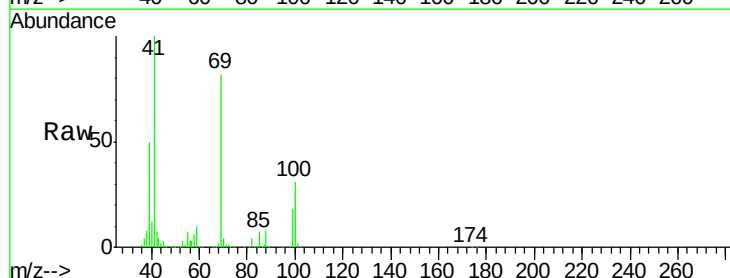
RT: 7.77 min Scan# 1086

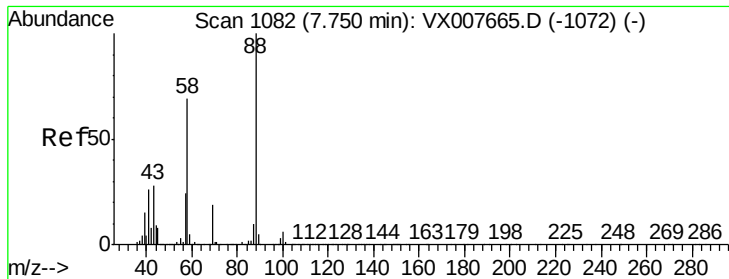
Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion:	41	Resp:	236563
Ion	Ratio	Lower	Upper
41	100		
69	81.4	70.2	105.4
39	49.8	47.4	71.0





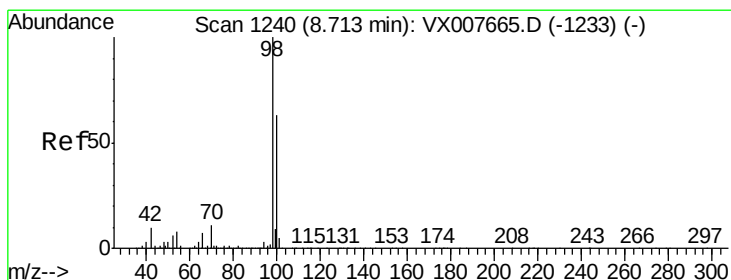
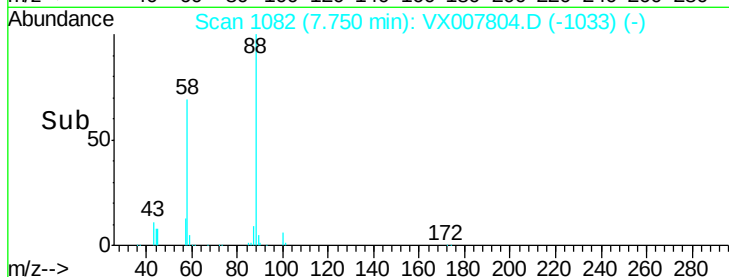
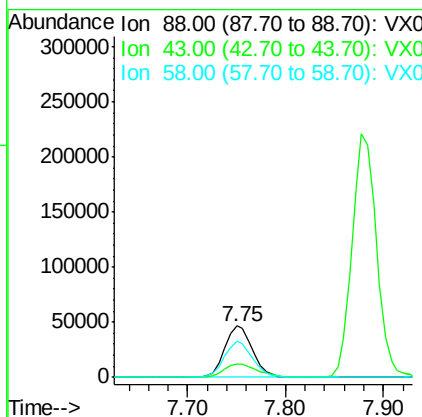
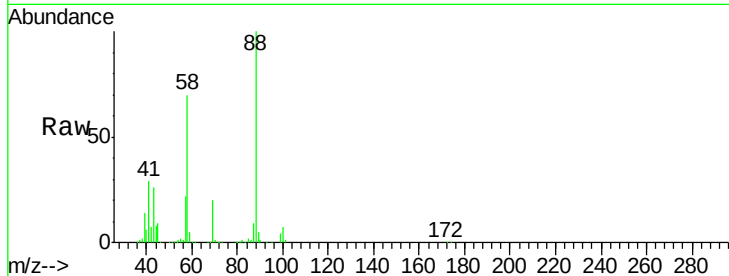
#49
1,4-Dioxane
Concen: 1038.756 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	24.2	36.4
58	71.6	53.0	79.4

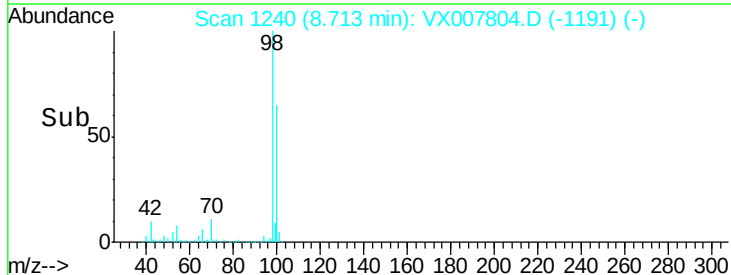
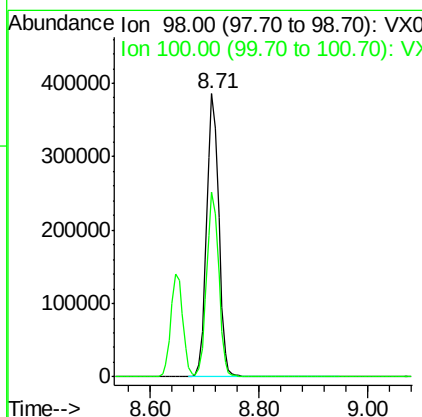
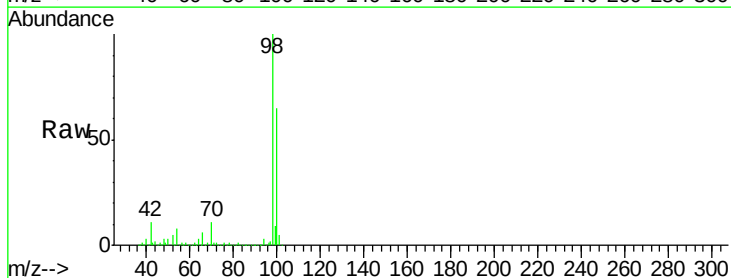
Manual Integrations
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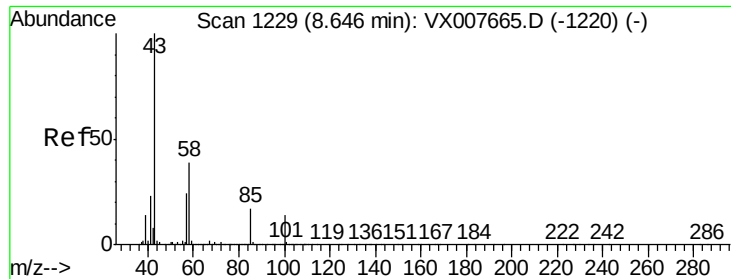
MMDadoda
3/5/2019 9:34:24 AM



#50
Toluene-d8
Concen: 46.187 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4





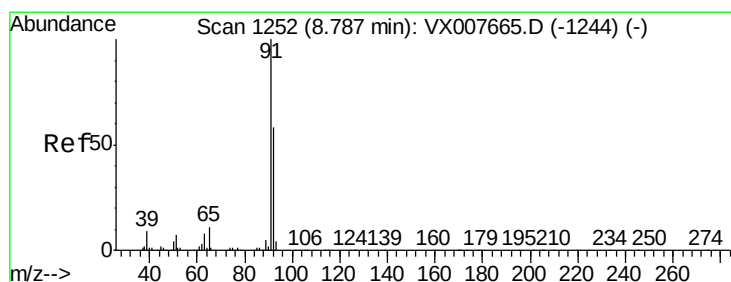
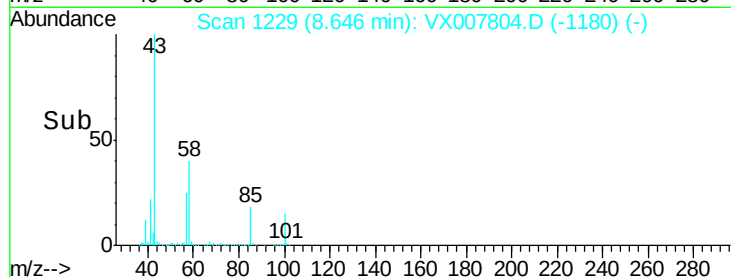
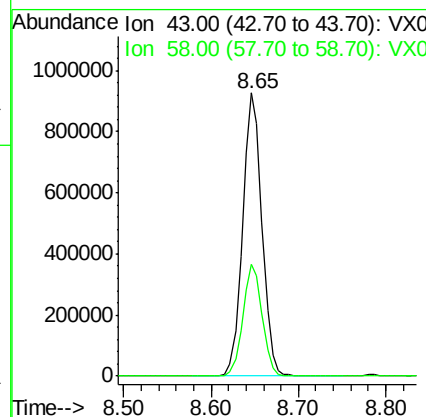
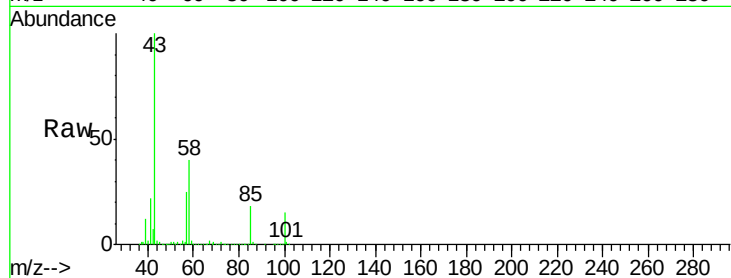
#51
 4-Methyl-2-Pentanone
 Concen: 274.063 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1428505
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.2 46.8

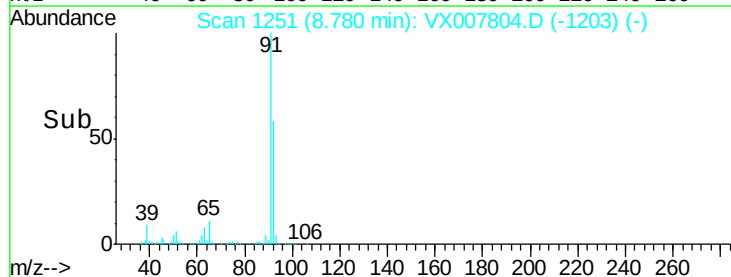
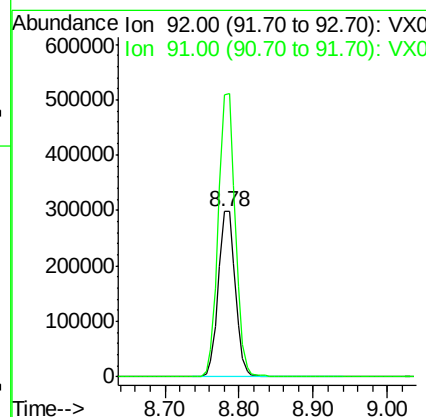
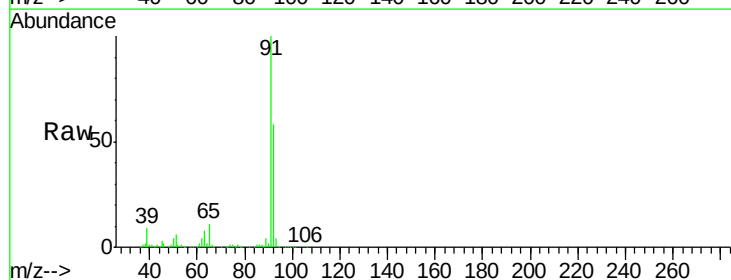
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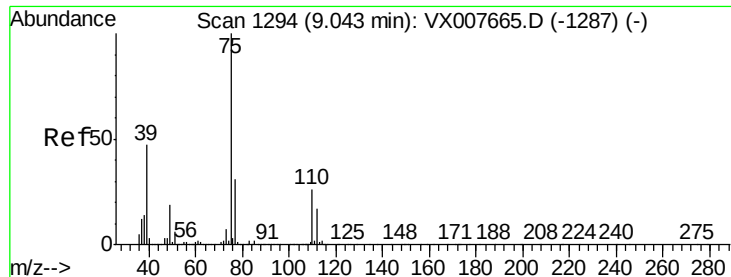
MMDadoda
 3/5/2019 9:34:24 AM



#52
 Toluene
 Concen: 52.875 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion: 92 Resp: 468792
 Ion Ratio Lower Upper
 92 100
 91 171.1 139.1 208.7





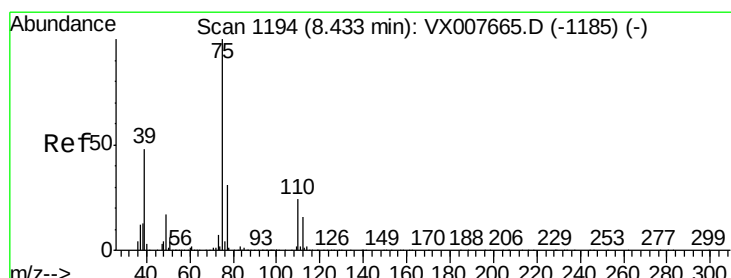
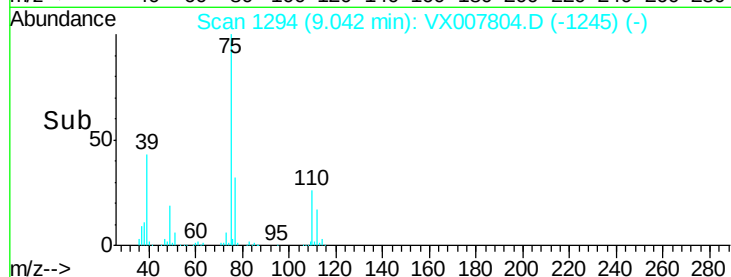
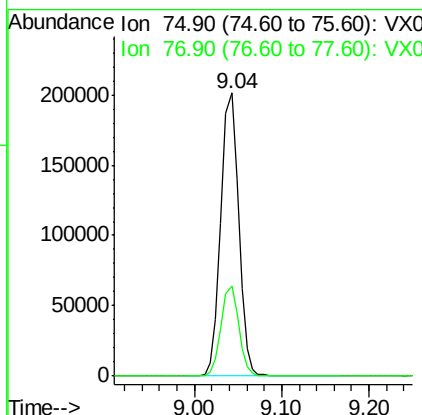
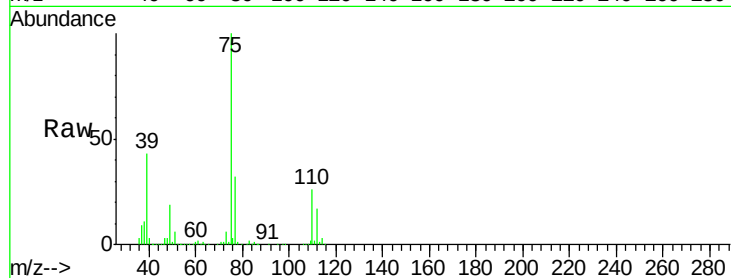
#53
t-1,3-Dichloropropene
Concen: 51.982 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8

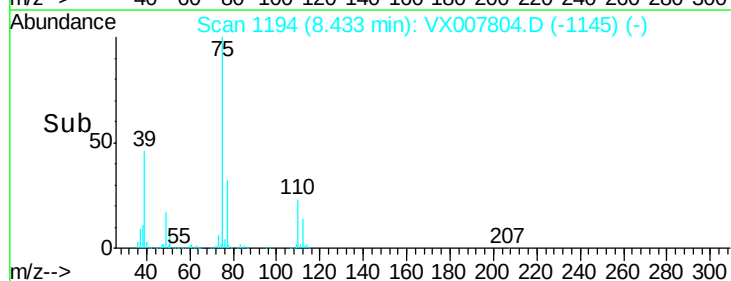
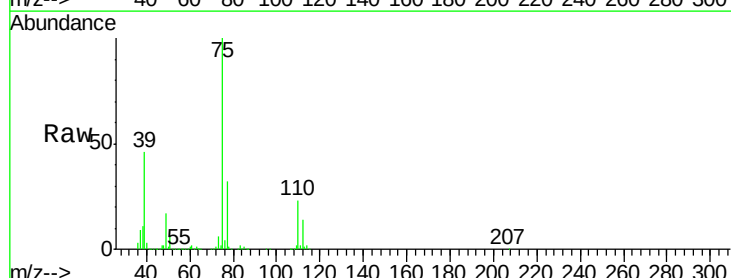
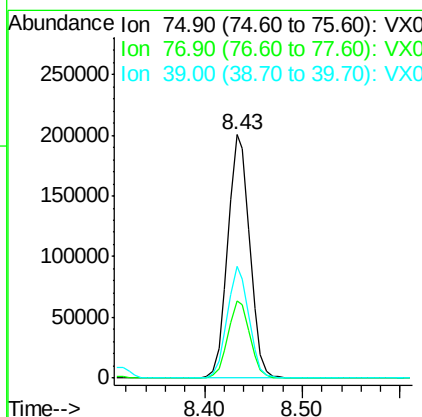
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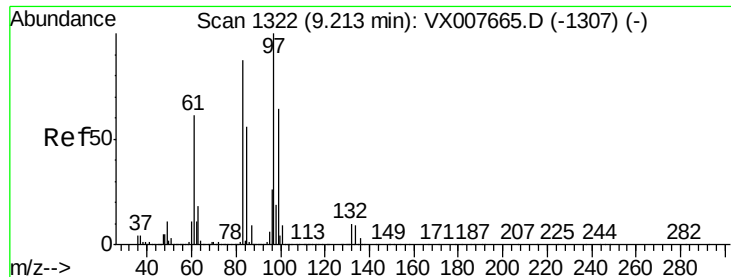
MMDadoda
3/5/2019 9:34:24 AM



#54
cis-1,3-Dichloropropene
Concen: 58.336 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.4
39	46.0	37.1	55.7





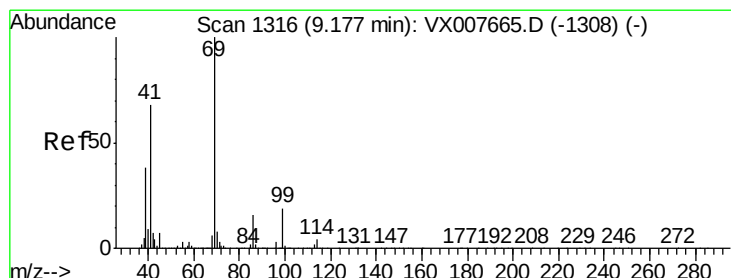
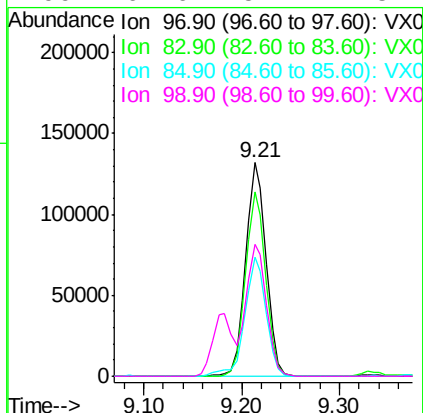
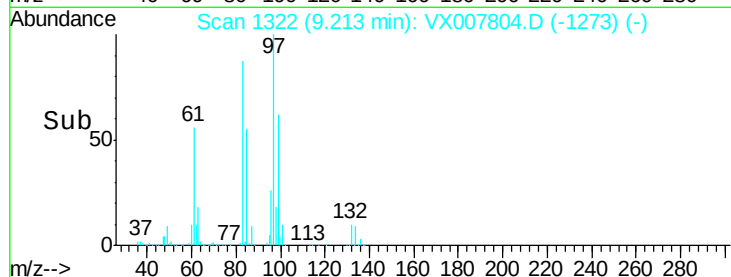
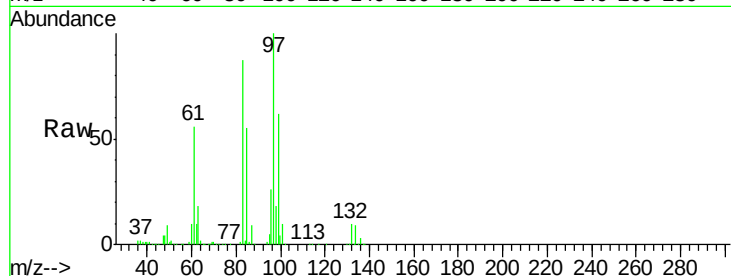
#55
 1,1,2-Trichloroethane
 Concen: 51.695 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		191125		
83	86.5	68.6	102.8		
85	55.5	44.5	66.7		
99	61.6	52.2	78.4		

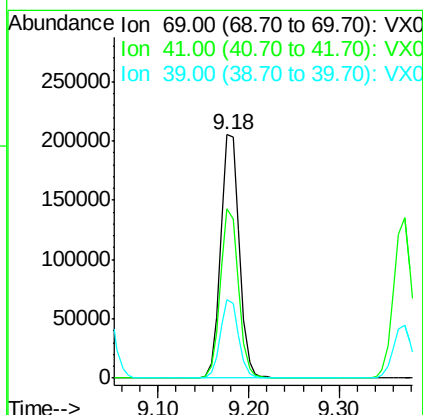
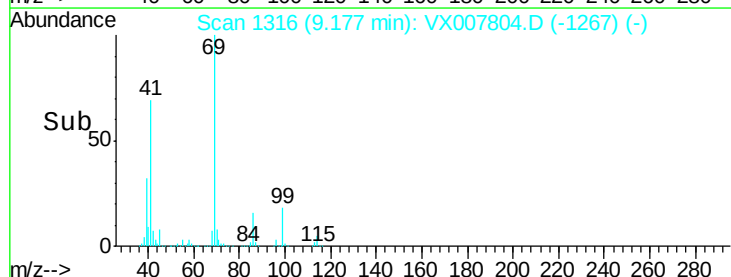
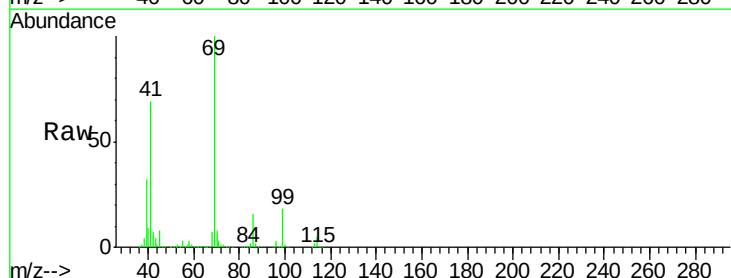
Manual Integrations
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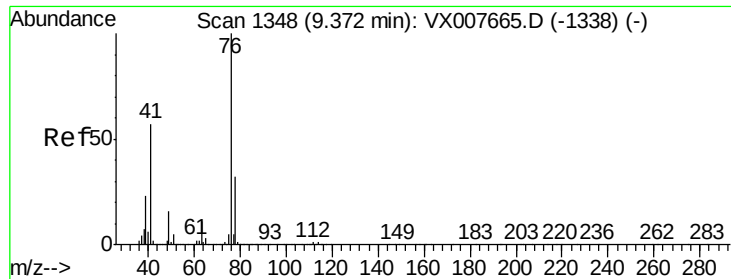
MMDadoda
 3/5/2019 9:34:24 AM



#56
 Ethyl methacrylate
 Concen: 55.962 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		294226		
41	67.6	52.1	78.1		
39	31.6	30.1	45.1		





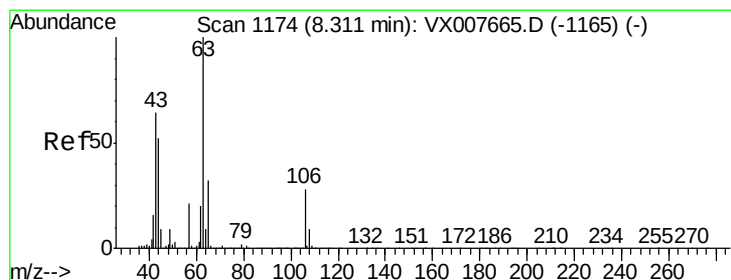
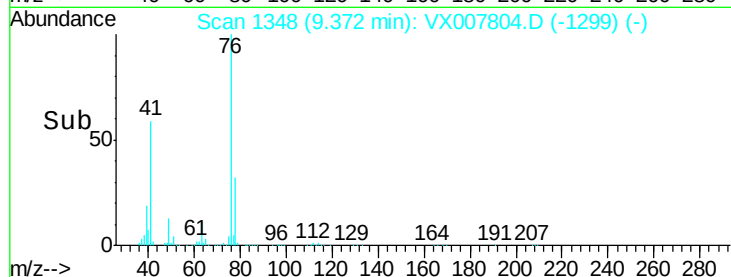
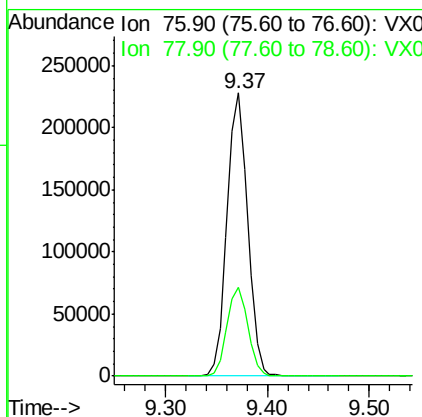
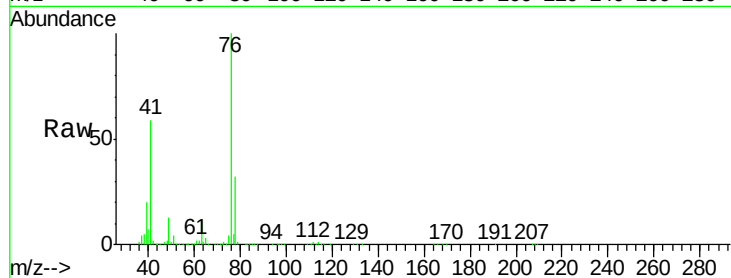
#57
 1,3-Dichloropropane
 Concen: 53.855 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

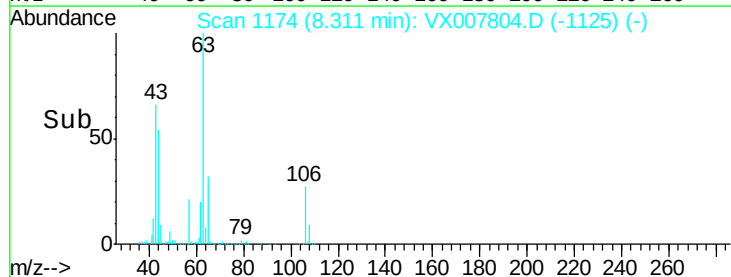
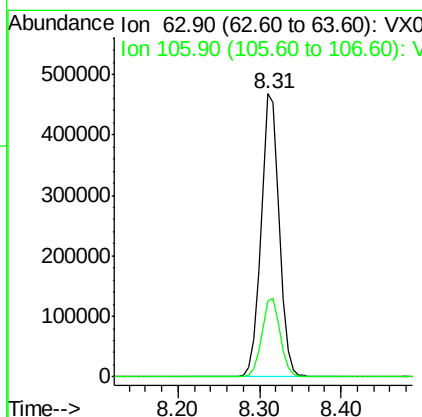
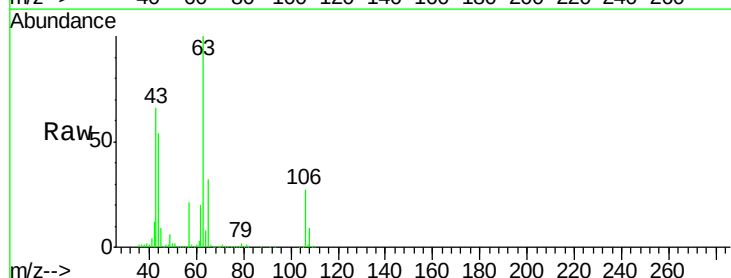
Manual Integrations
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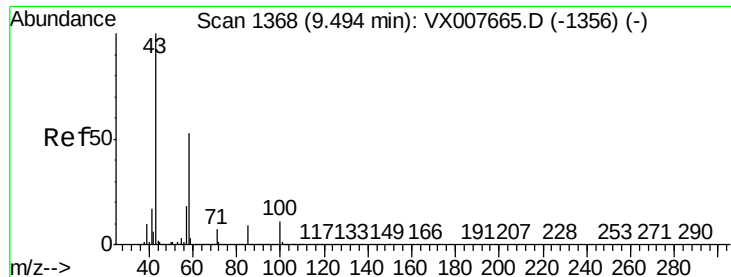
MMDadoda
 3/5/2019 9:34:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.321 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.6	35.4





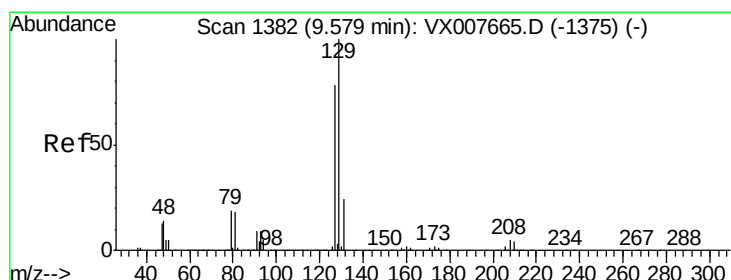
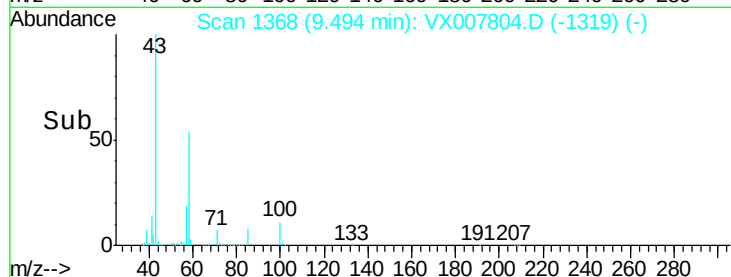
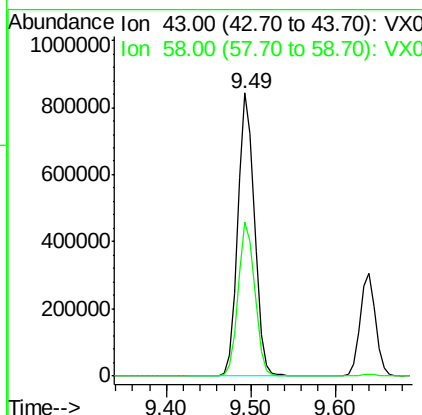
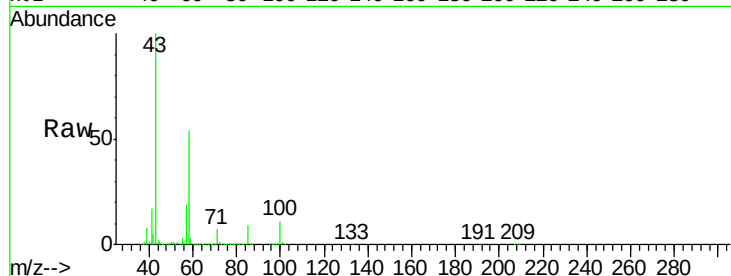
#59
2-Hexanone
Concen: 271.470 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1110896
Ion Ratio Lower Upper
43 100
58 54.6 27.1 81.3

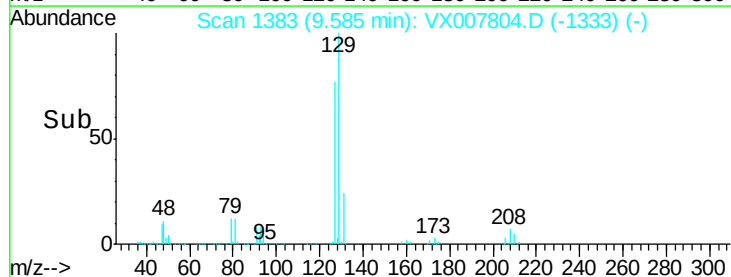
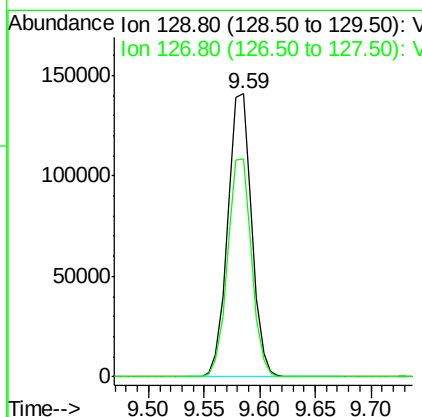
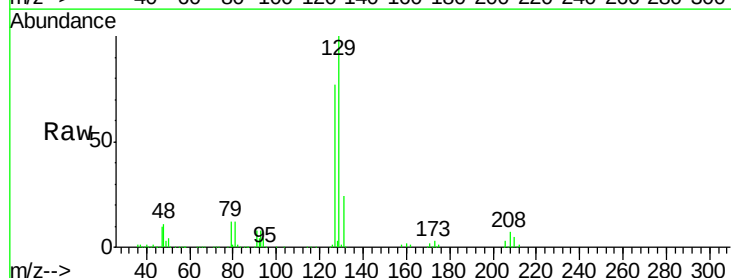
Manual Integrations
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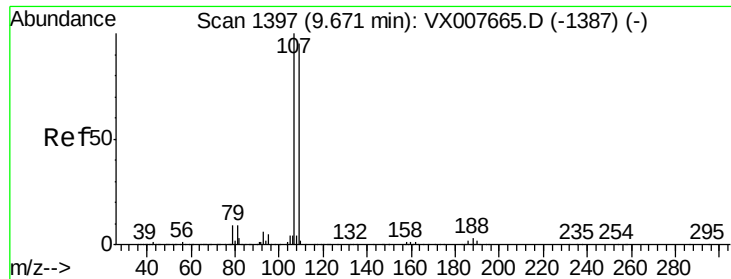
MMDadoda
3/5/2019 9:34:24 AM



#60
Dibromochloromethane
Concen: 58.674 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion: 129 Resp: 208735
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.4





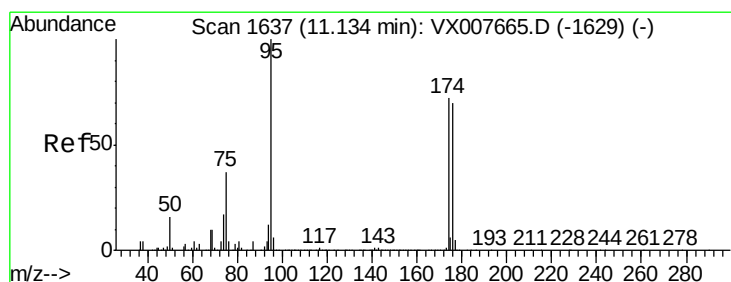
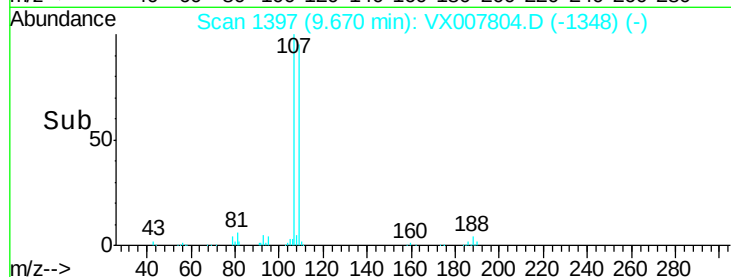
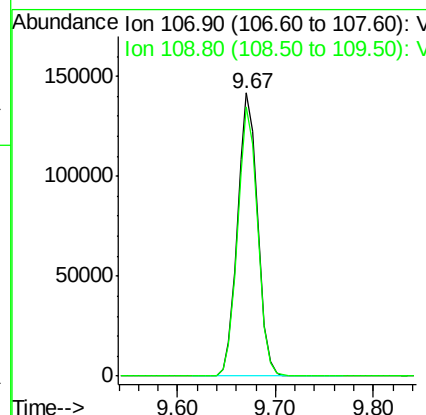
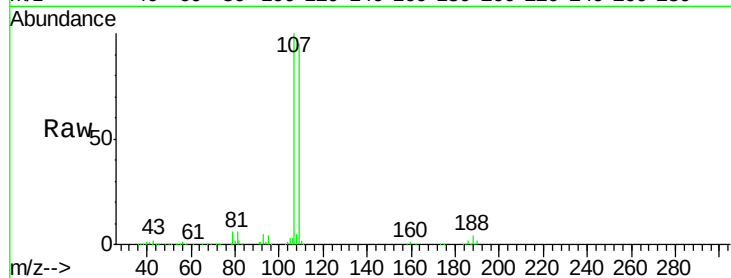
#61
 1,2-Dibromoethane
 Concen: 52.381 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	201071		
109	94.9	75.1	112.7	

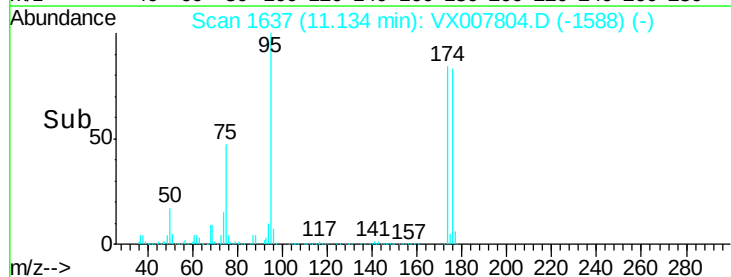
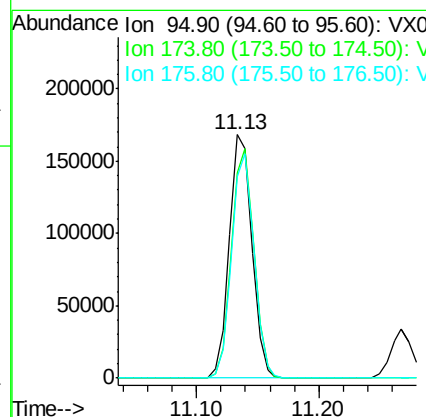
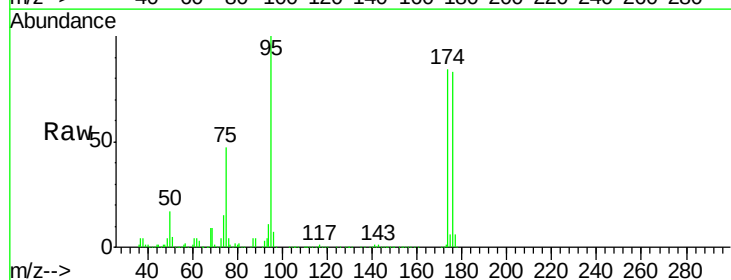
Manual Integrations
 APPROVED

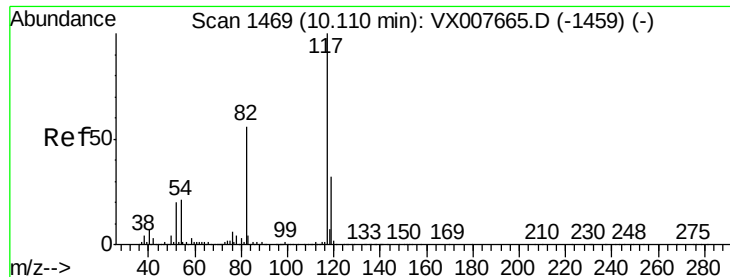
MMDadoda
 3/5/2019 9:34:24 AM



#62
 4-Bromofluorobenzene
 Concen: 45.243 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	215297		
174	93.0	0.0	189.2	
176	90.7	0.0	186.2	





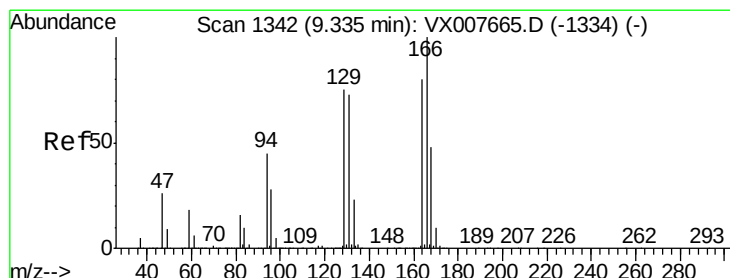
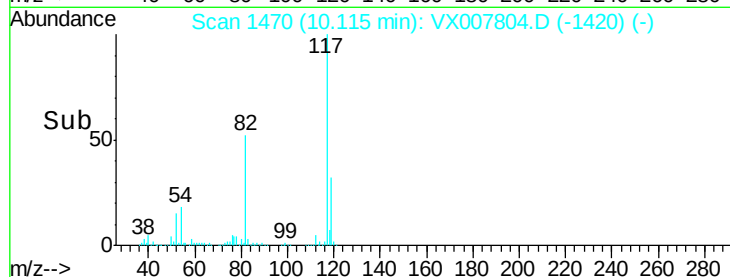
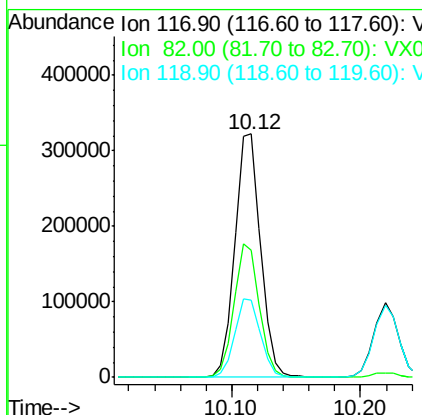
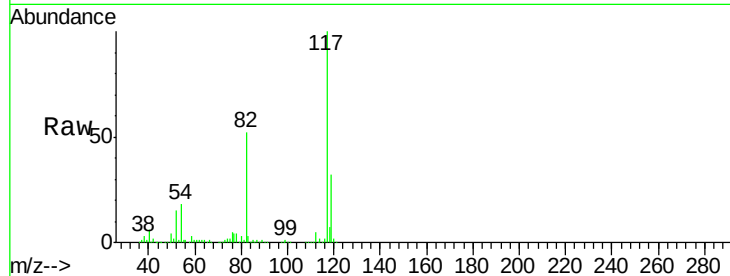
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	449155		
82	52.0	42.1	63.1	
119	31.8	26.5	39.7	

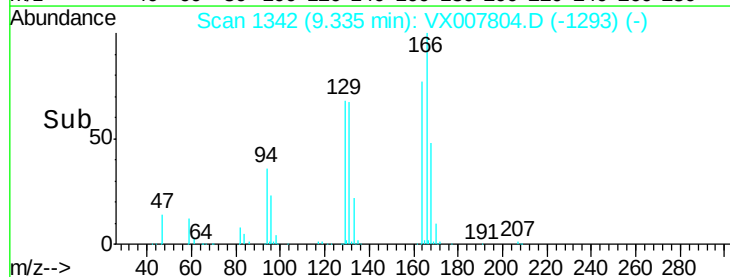
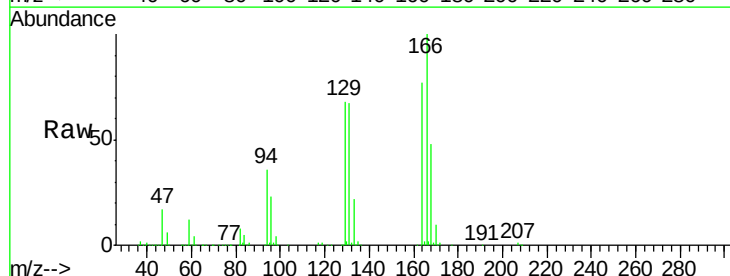
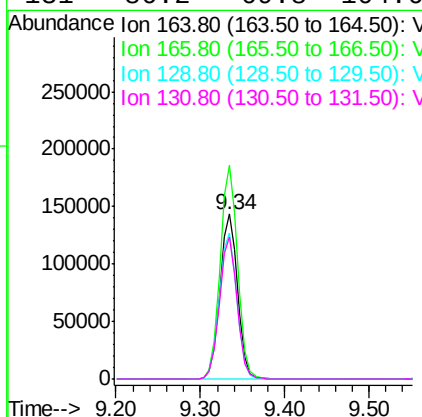
Manual Integrations
APPROVED

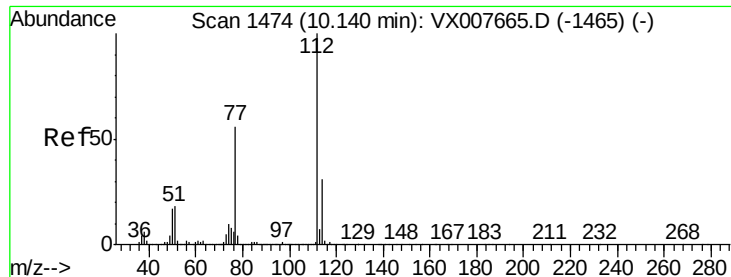
MMDadoda
3/5/2019 9:34:24 AM



#64
Tetrachloroethene
Concen: 56.936 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207605		
166	129.6	101.0	151.4	
129	88.6	70.5	105.7	
131	86.2	69.8	104.6	





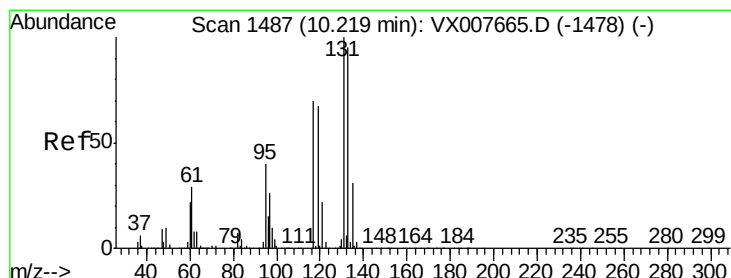
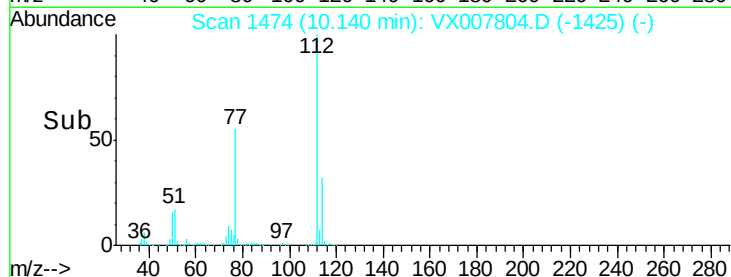
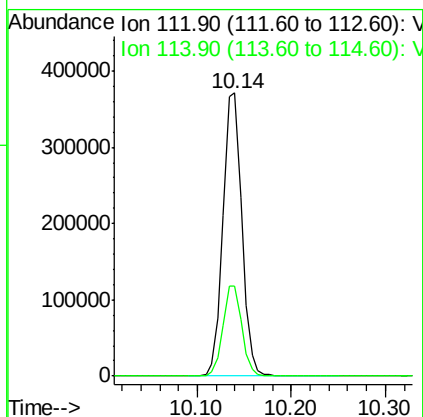
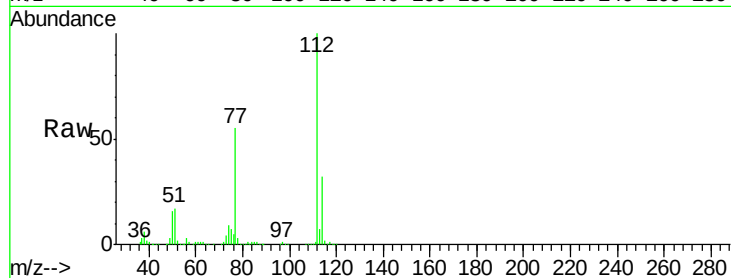
#65
Chlorobenzene
Concen: 53.187 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.8	38.6

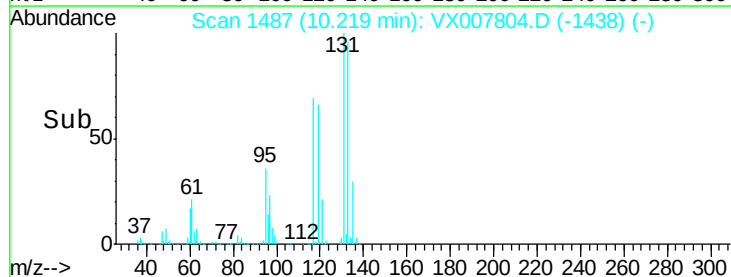
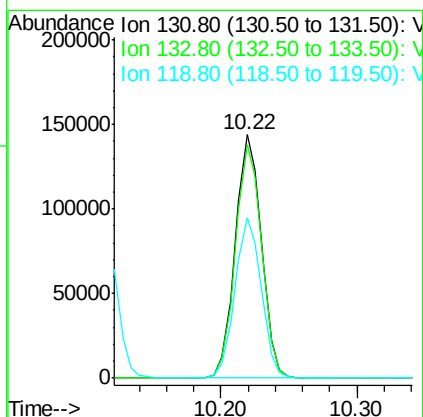
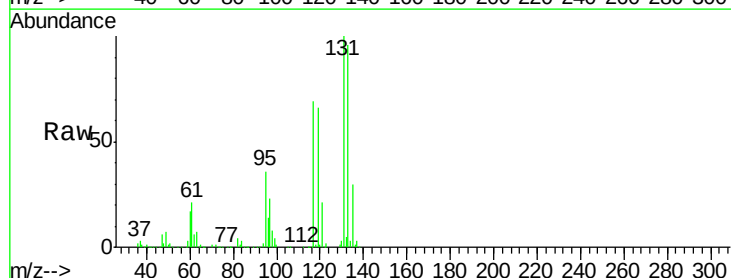
Manual Integrations
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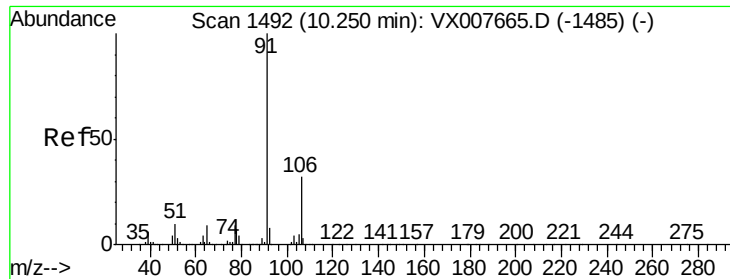
MMDadoda
3/5/2019 9:34:24 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.691 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.0	144.2
119	66.4	32.0	96.0





#67

Ethyl Benzene

Concen: 54.648 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 879416

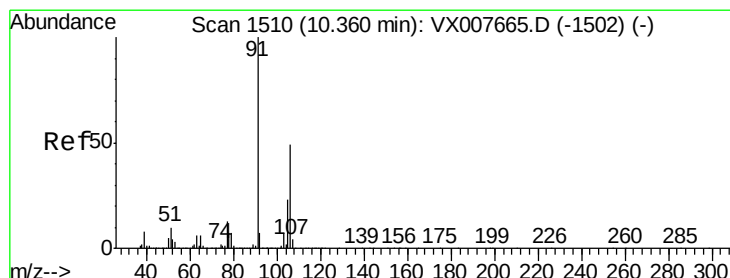
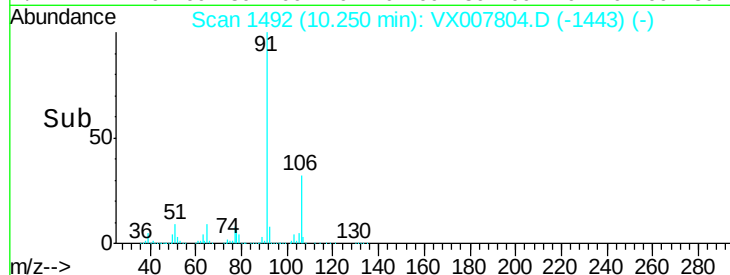
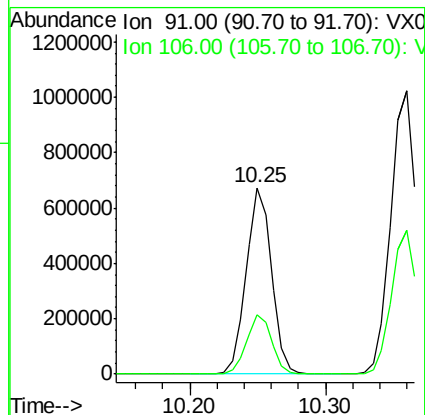
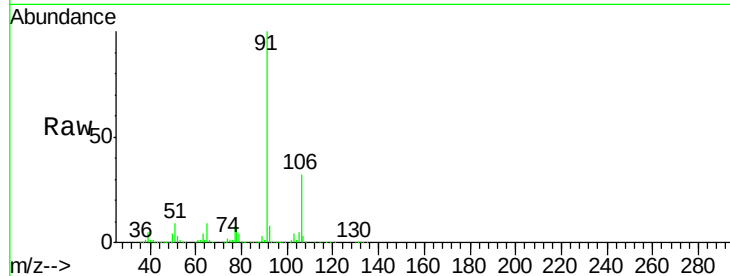
Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.0

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:24 AM



#68

m/p-Xylenes

Concen: 109.626 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007804.D

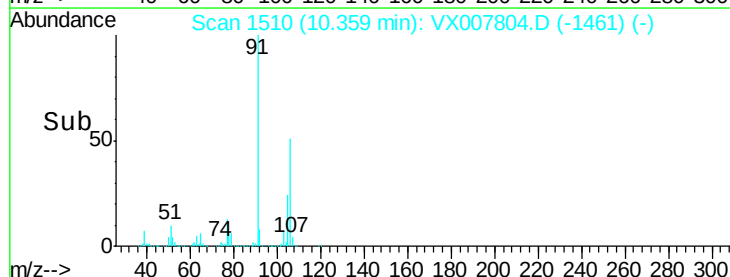
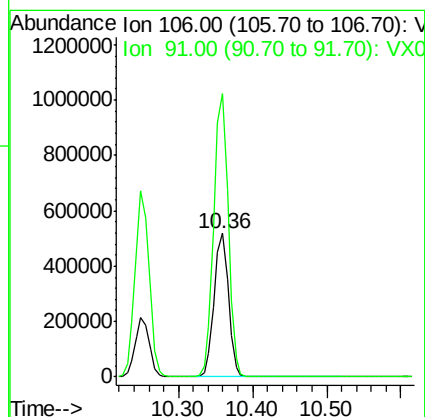
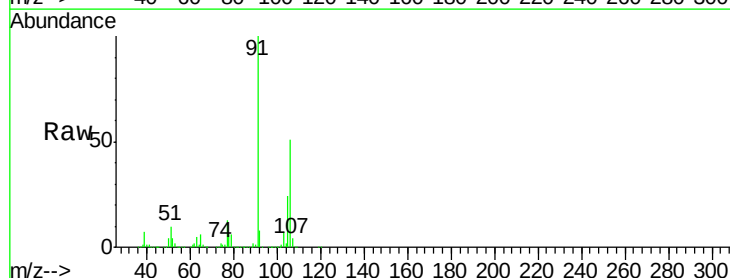
Acq: 04 Mar 2019 11:57

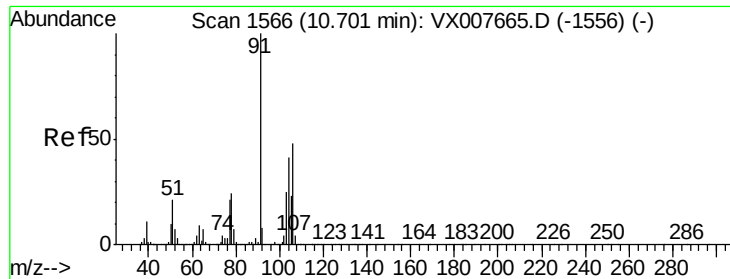
Tgt Ion: 106 Resp: 686303

Ion Ratio Lower Upper

106 100

91 199.4 156.6 234.8





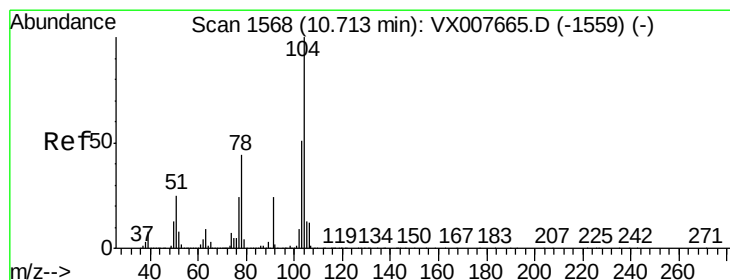
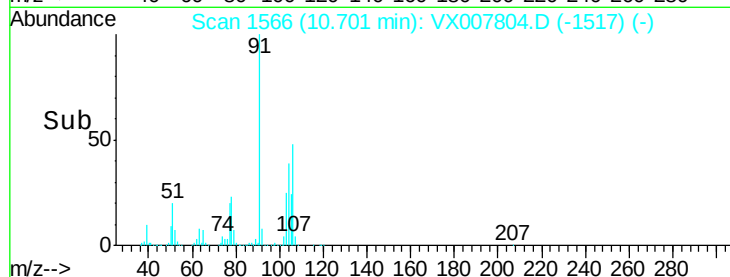
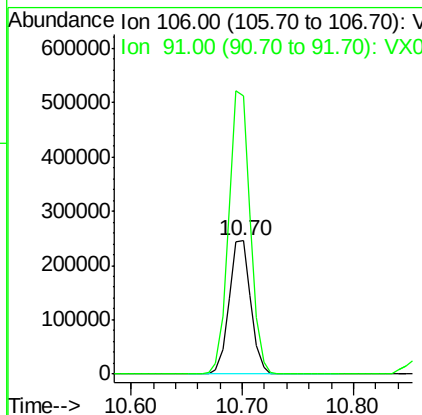
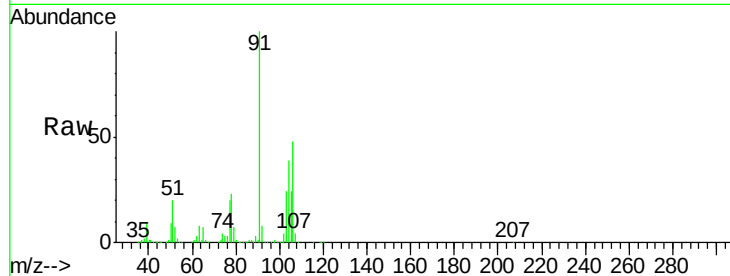
#69
o-Xylene
Concen: 54.544 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	102.9	308.7

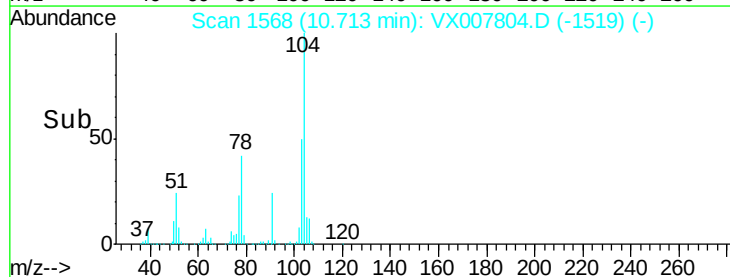
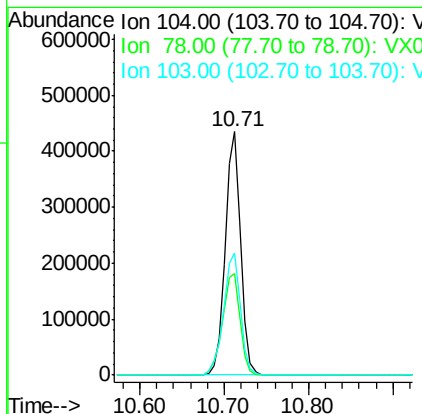
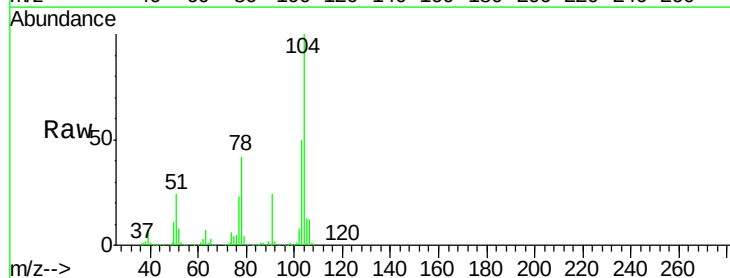
Manual Integrations
APPROVED

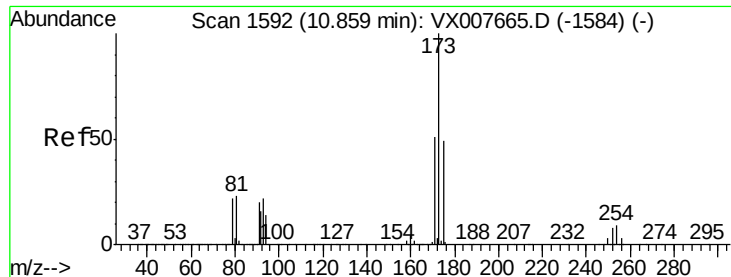
MMDadoda
3/5/2019 9:34:24 AM



#70
Styrene
Concen: 55.476 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.3	57.5
103	55.4	44.6	67.0





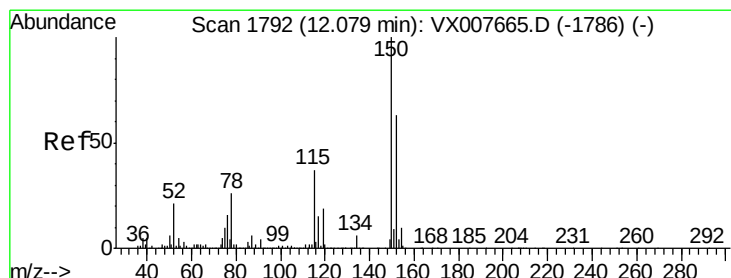
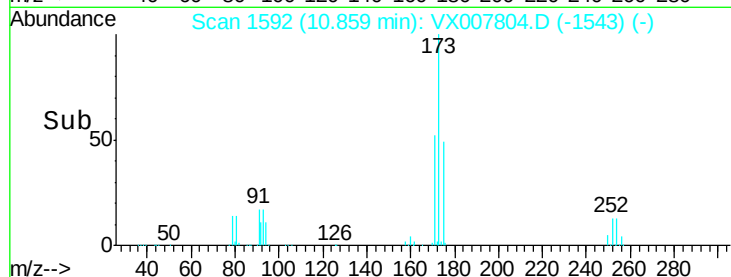
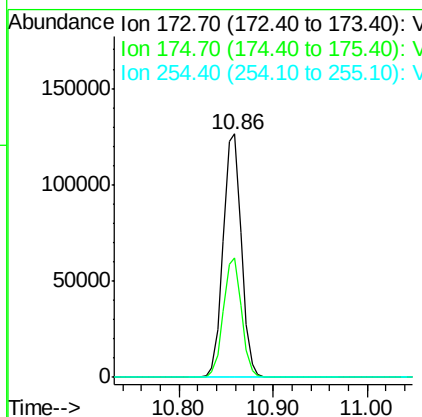
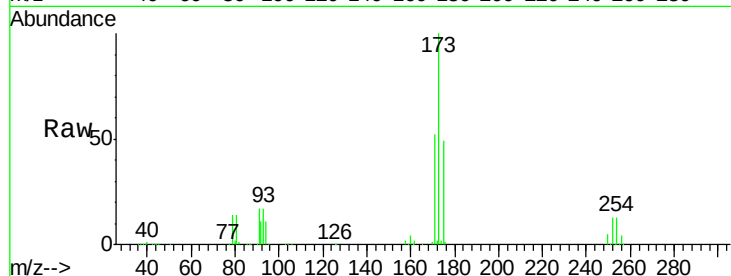
#71
Bromoform
Concen: 66.611 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.2	72.6
254	0.2	0.2	0.2

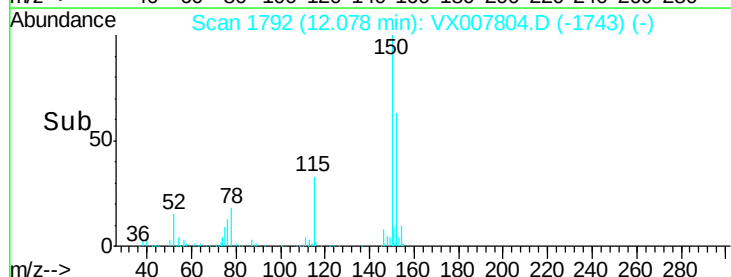
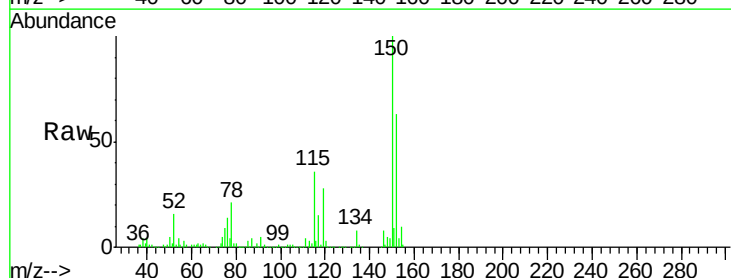
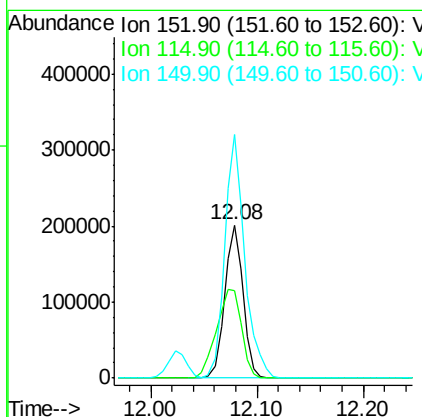
Manual Integrations
APPROVED

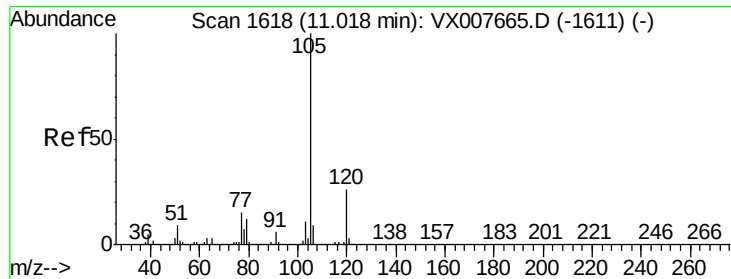
MMDadoda
3/5/2019 9:34:24 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.0	38.0	114.0
150	174.5	0.0	346.4





#73

Isopropylbenzene

Concen: 51.950 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 892619

Ion Ratio Lower Upper

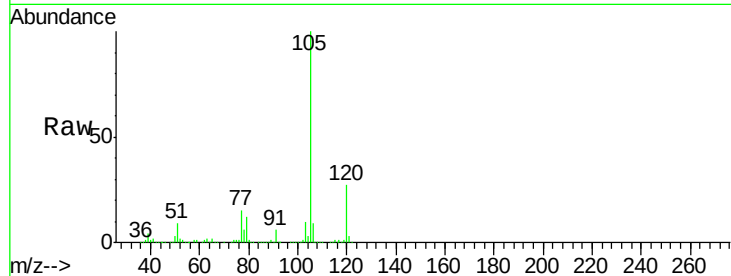
105 100

120 26.9 13.6 40.7

Manual Integrations
APPROVED

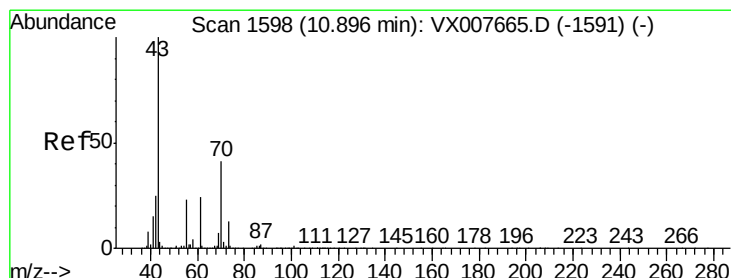
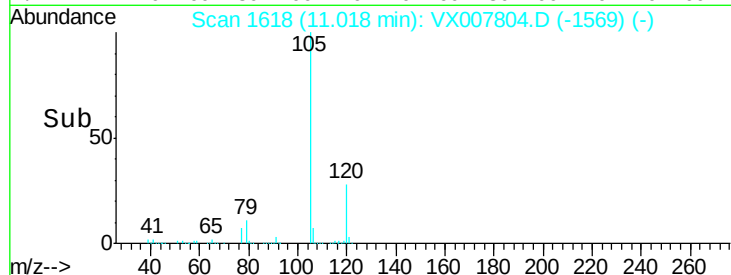
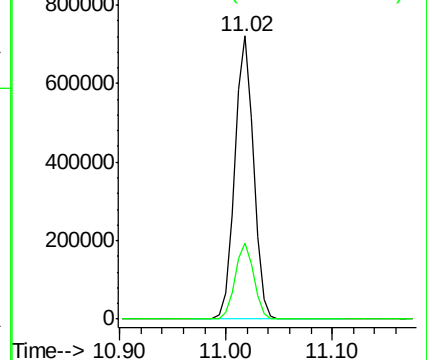
MMDadoda

3/5/2019 9:34:24 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.858 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion: 43 Resp: 394401

Ion Ratio Lower Upper

43 100

70 42.0 33.8 50.6

55 24.3 19.5 29.3

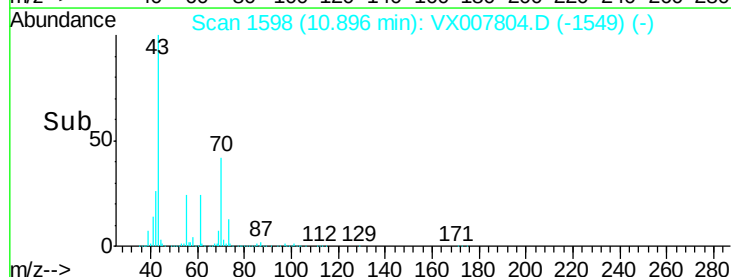
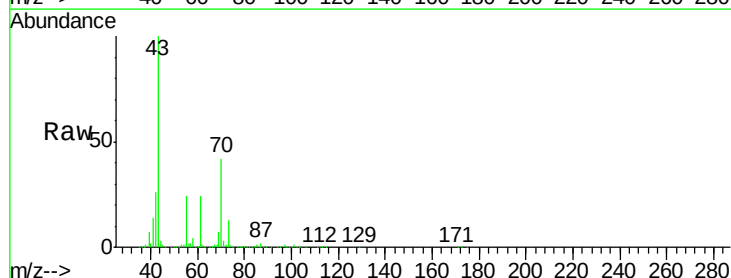
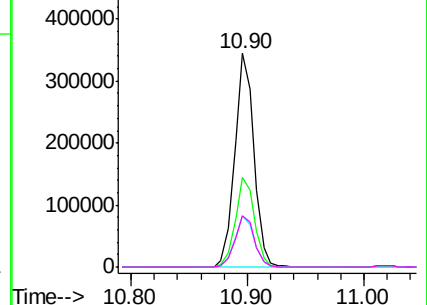
61 24.5 19.4 29.2

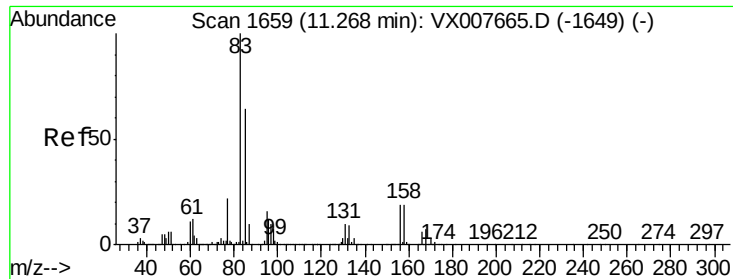
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.485 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

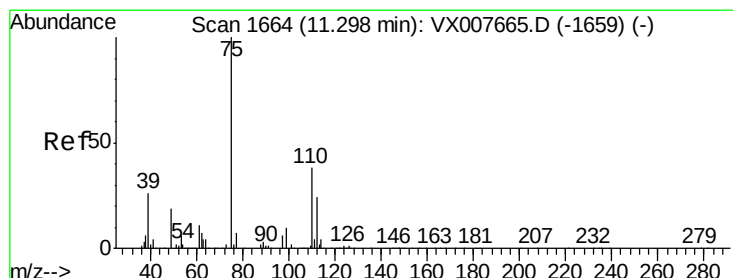
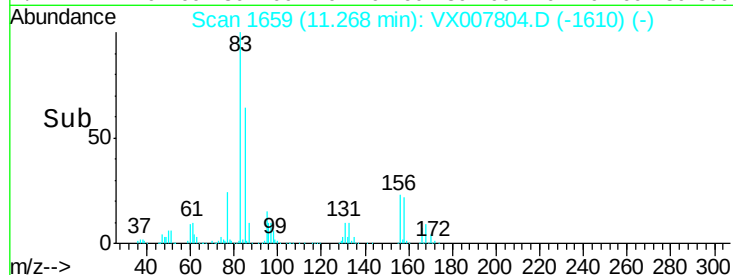
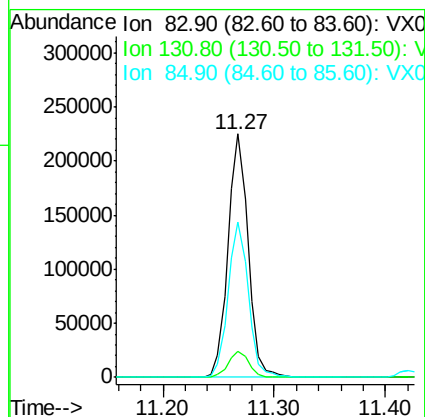
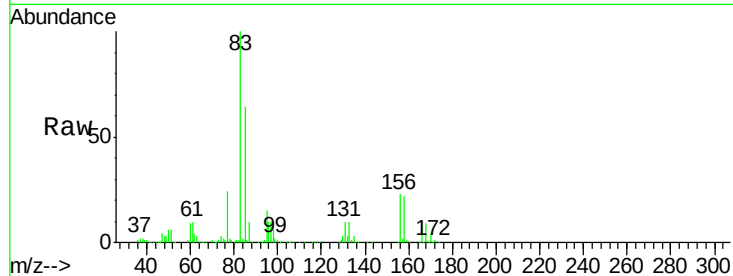
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	282193
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	64.0	32.8	98.3

Manual Integrations
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3/5/2019 9:34:24 AM



#76

1,2,3-Trichloropropane

Concen: 44.517 ug/l m

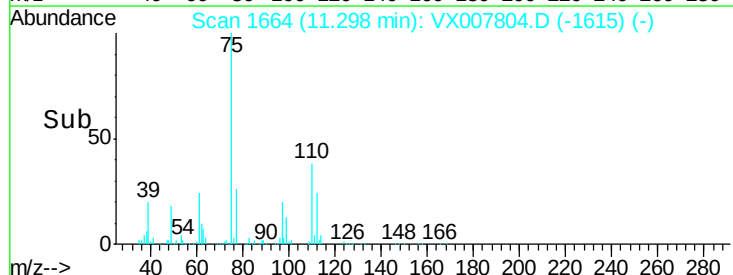
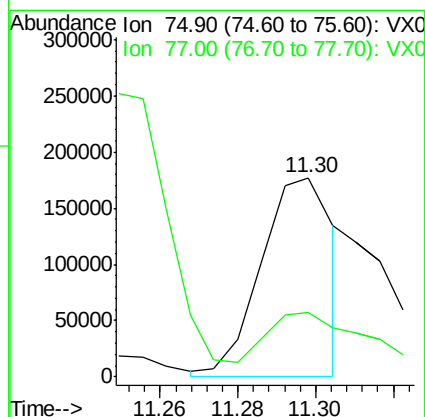
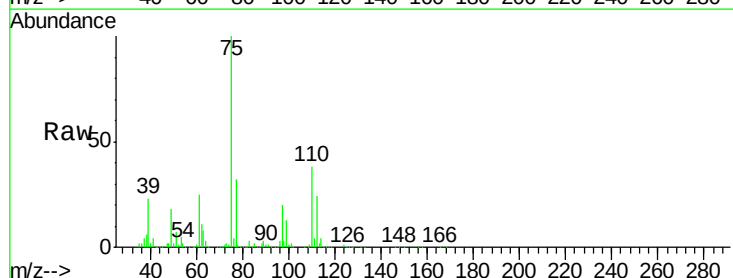
RT: 11.30 min Scan# 1664

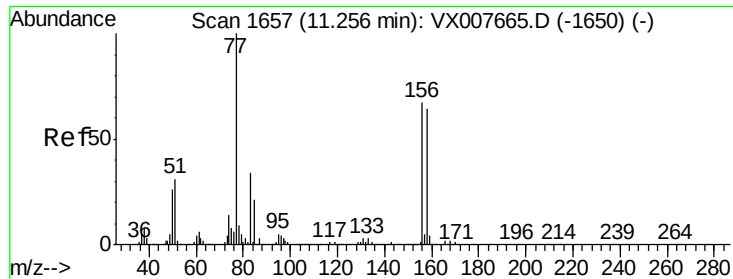
Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion:	75	Resp:	228120
Ion Ratio	Lower	Upper	
75	100		
77	46.4	23.0	69.0





#77

Bromobenzene

Concen: 54.716 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 235806

Ion Ratio Lower Upper

156 100

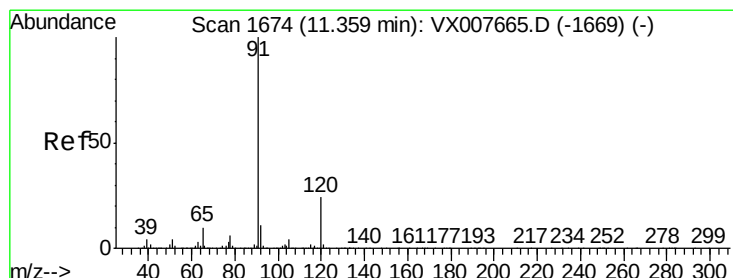
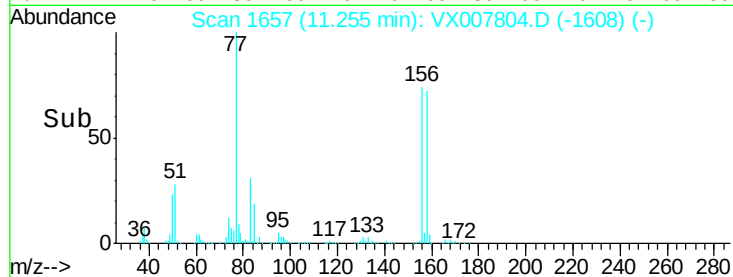
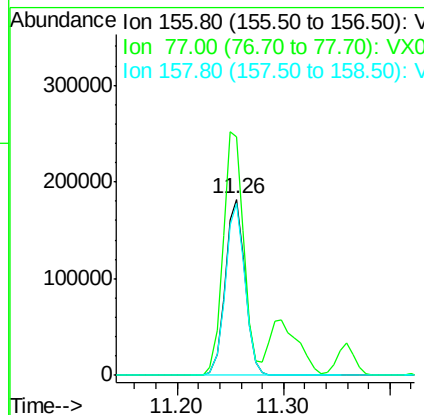
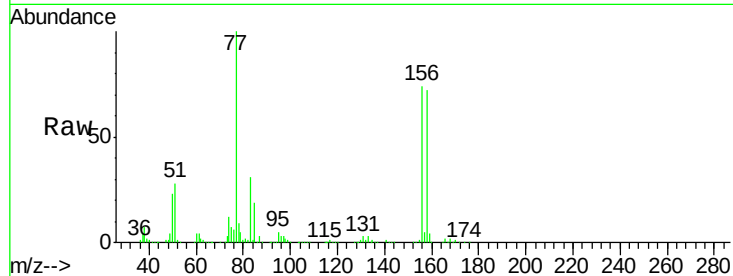
77 144.7 66.8 200.6

158 96.9 47.9 143.8

Manual Integrations
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3/5/2019 9:34:24 AM



#78

n-propylbenzene

Concen: 52.629 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007804.D

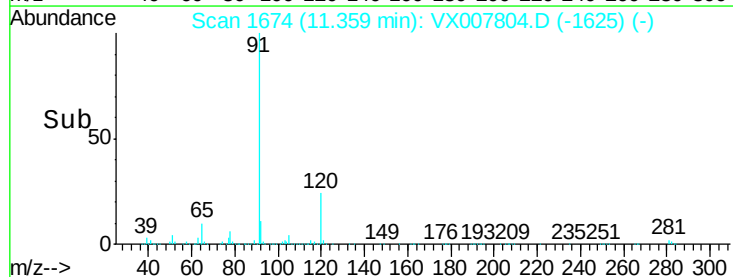
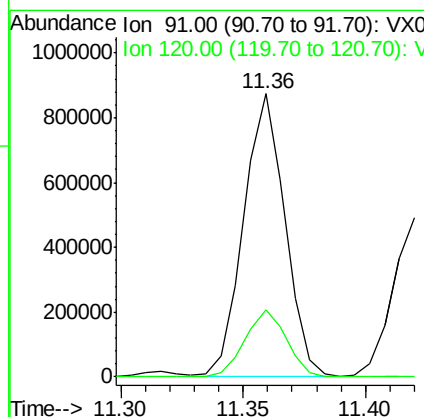
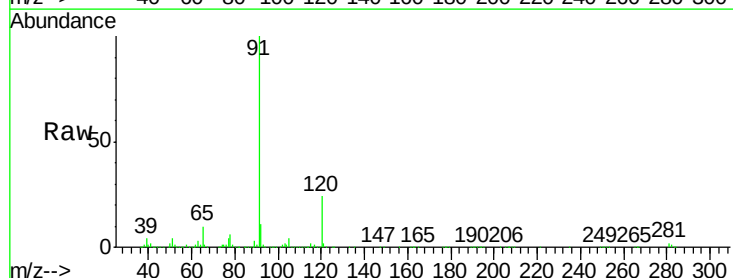
Acq: 04 Mar 2019 11:57

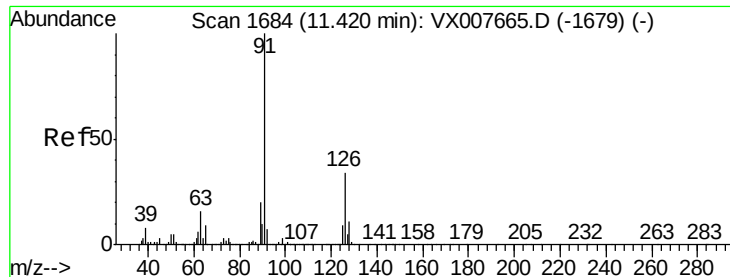
Tgt Ion: 91 Resp: 1021854

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2





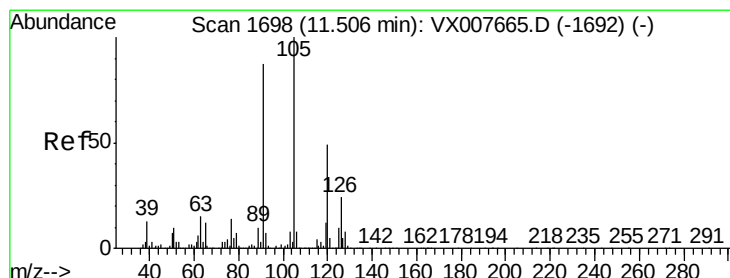
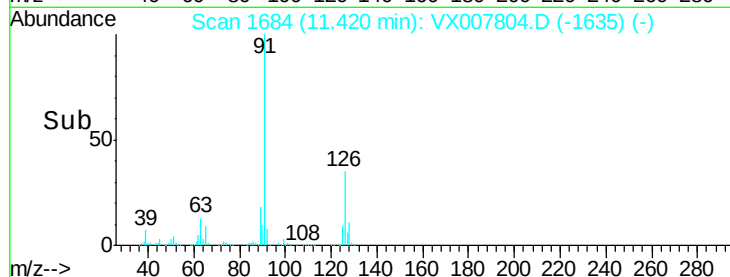
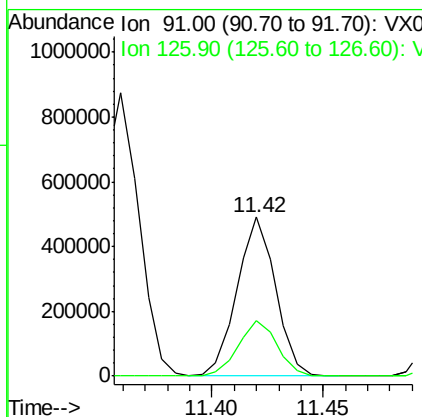
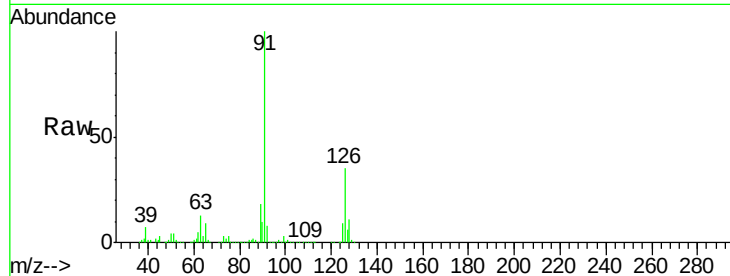
#79
2-Chlorotoluene
Concen: 50.696 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.7	56.1

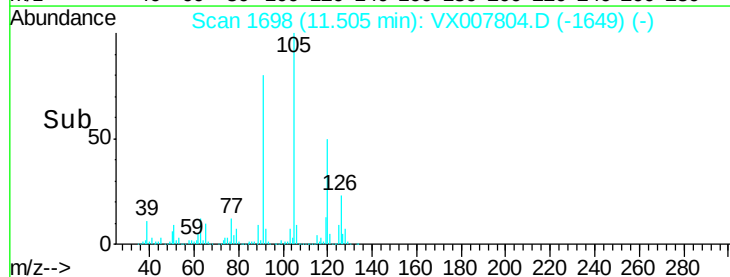
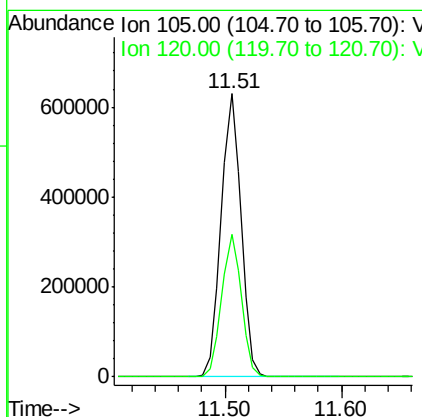
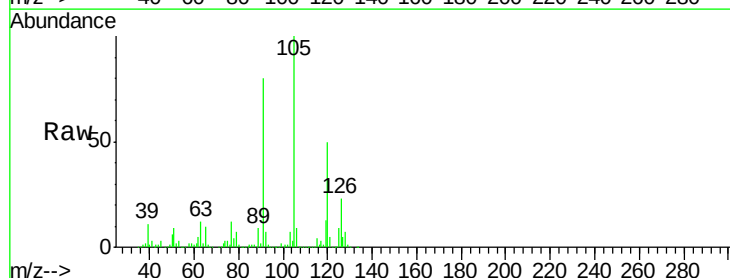
Manual Integrations
APPROVED

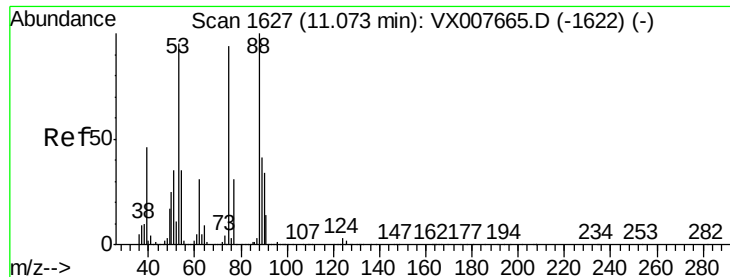
MMDadoda
3/5/2019 9:34:24 AM



#80
1,3,5-Trimethylbenzene
Concen: 52.495 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.3	75.8





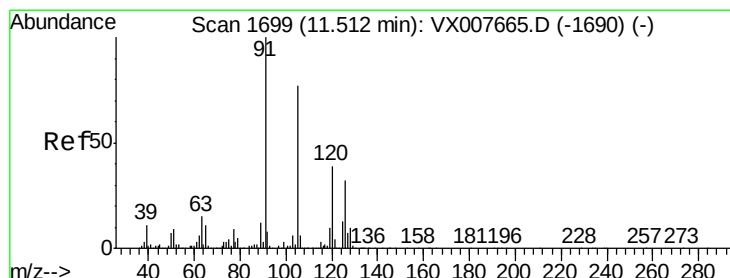
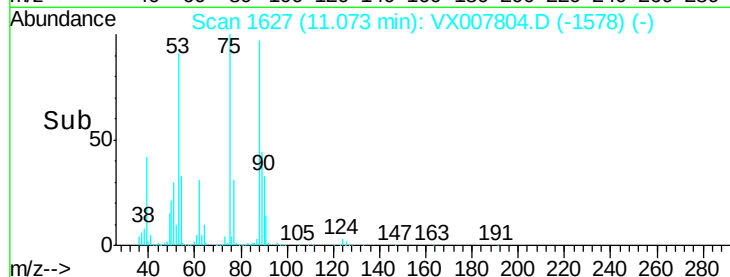
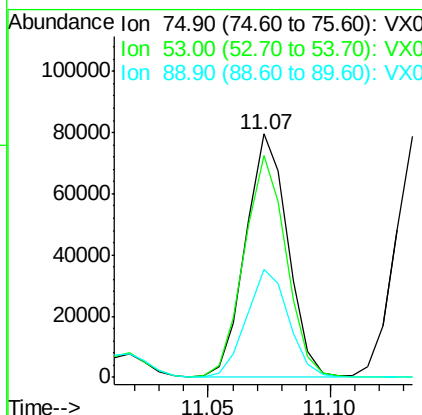
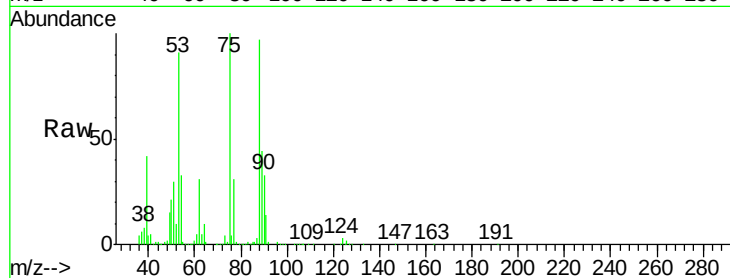
#81
trans-1,4-Dichloro-2-butene
Concen: 49.880 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.8	81.0	121.6
89	44.9	41.4	62.0

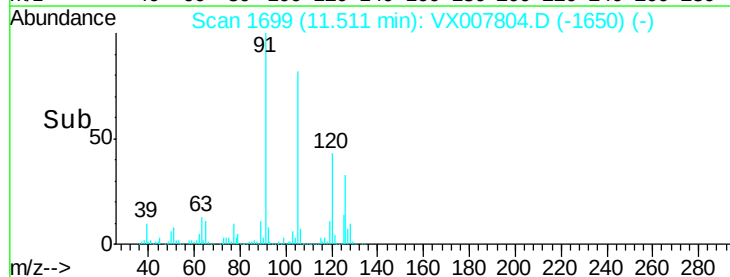
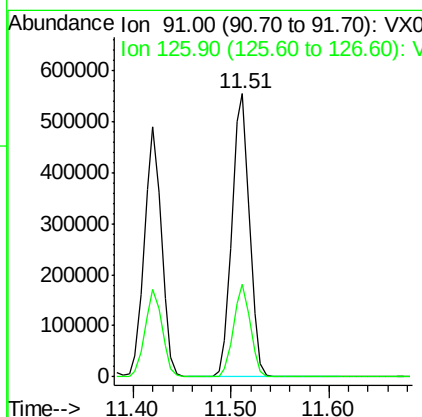
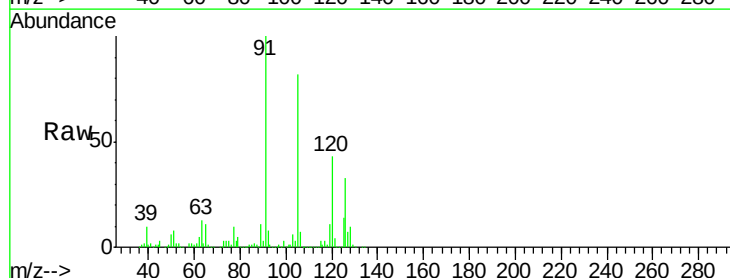
Manual Integrations
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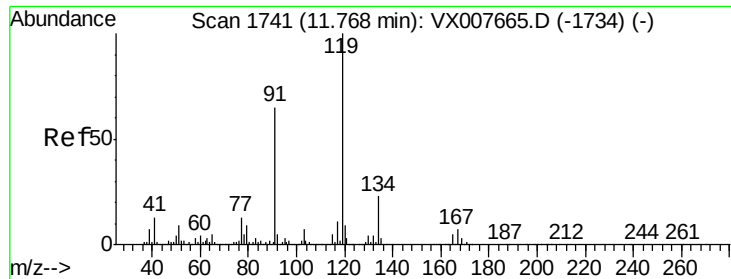
MMDadoda
3/5/2019 9:34:24 AM



#82
4-Chlorotoluene
Concen: 50.585 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.2	48.5





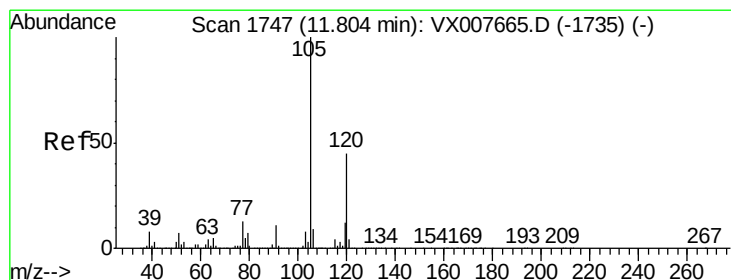
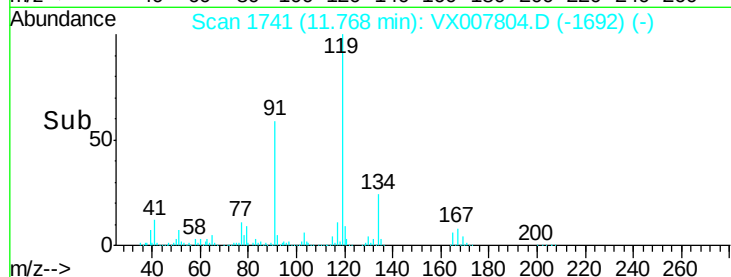
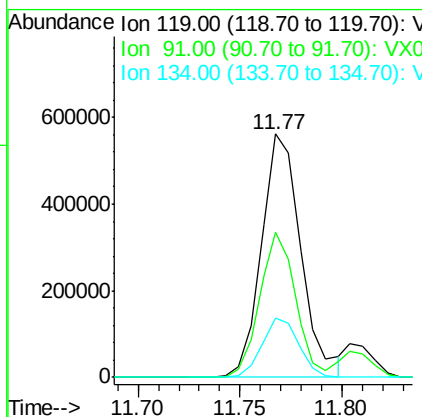
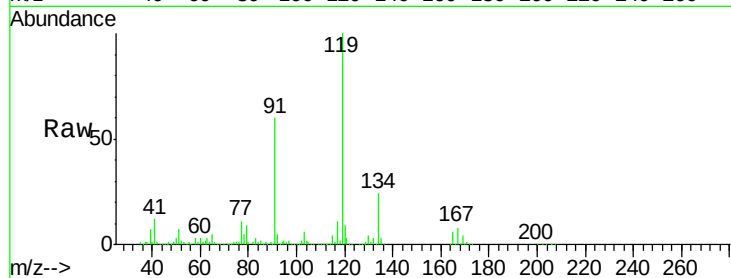
#83
 tert-Butylbenzene
 Concen: 55.824 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	757533		
91	54.0		28.5	85.6
134	22.9		12.0	36.0

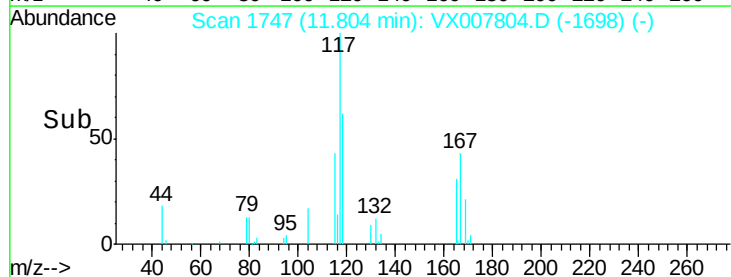
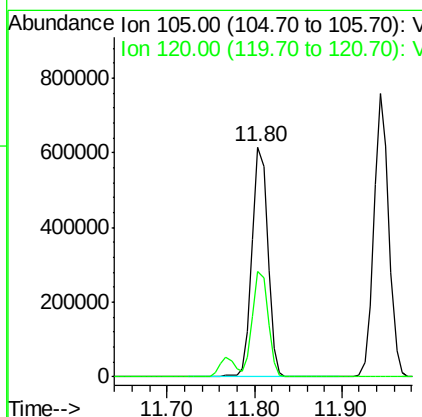
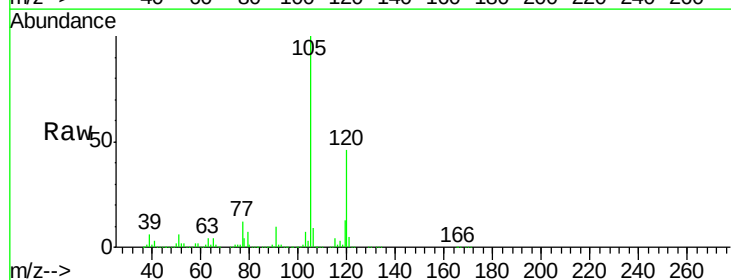
Manual Integrations
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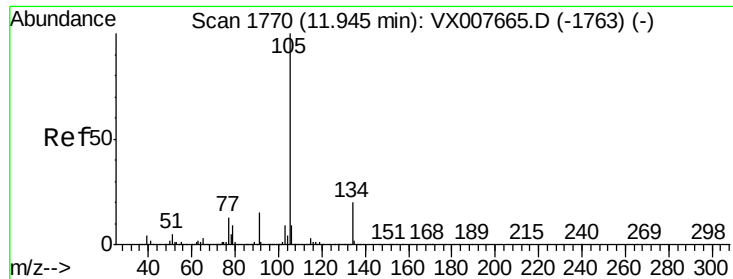
MMDadoda
 3/5/2019 9:34:24 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.807 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	763421		
120	45.4		23.1	69.3





#85

sec-Butylbenzene

Concen: 53.594 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 911345

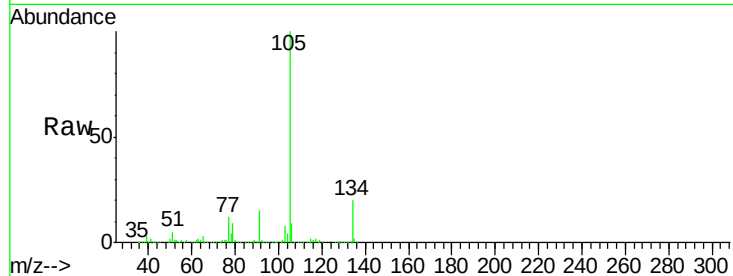
Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8

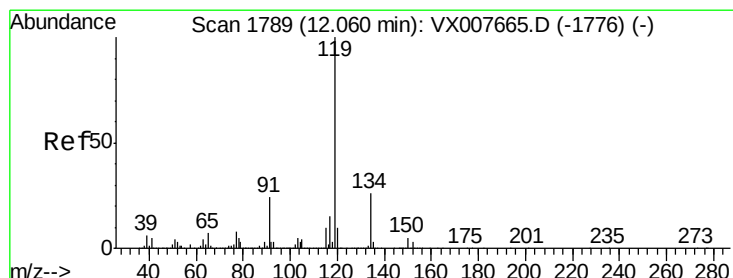
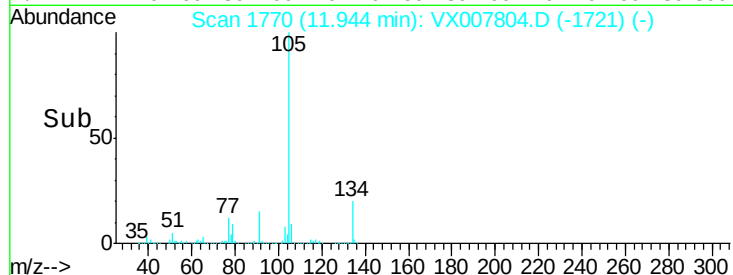
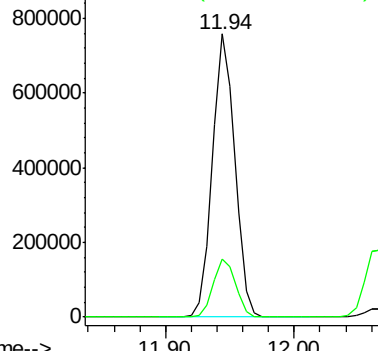
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.362 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

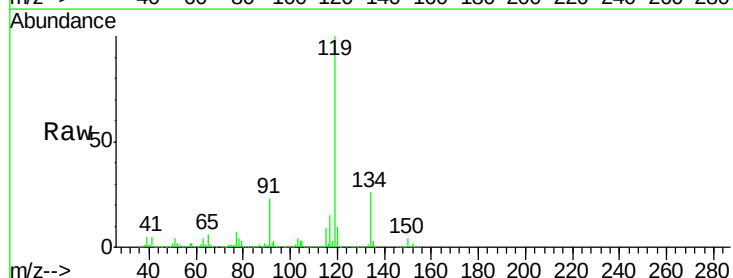
Tgt Ion:119 Resp: 824453

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

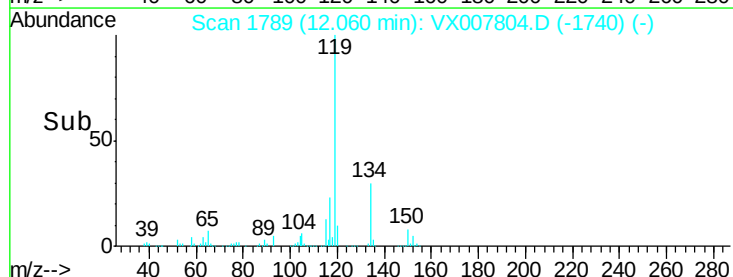
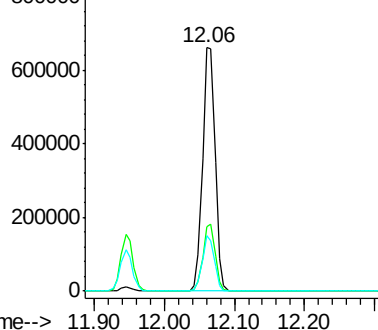
91 21.9 11.2 33.5

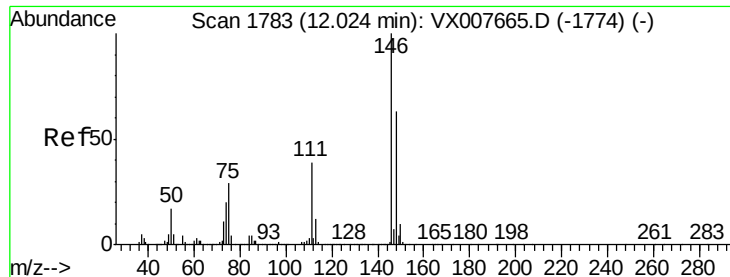


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





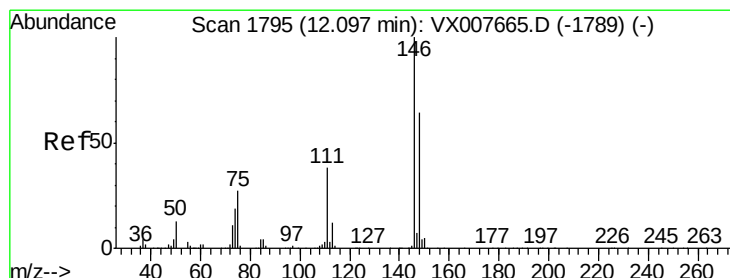
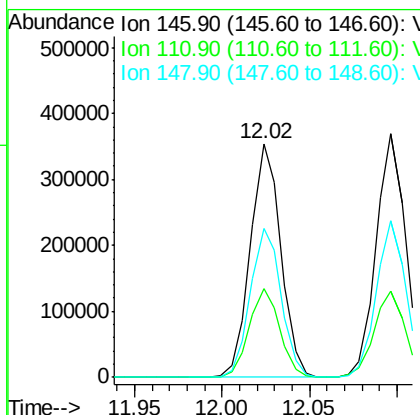
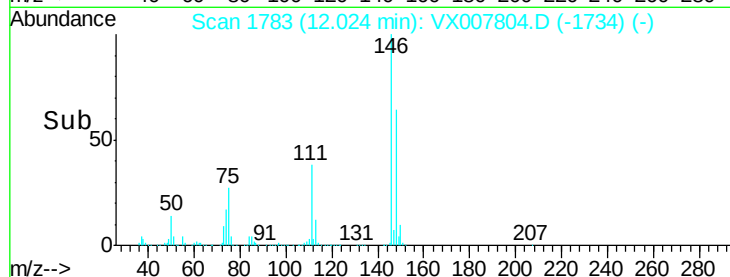
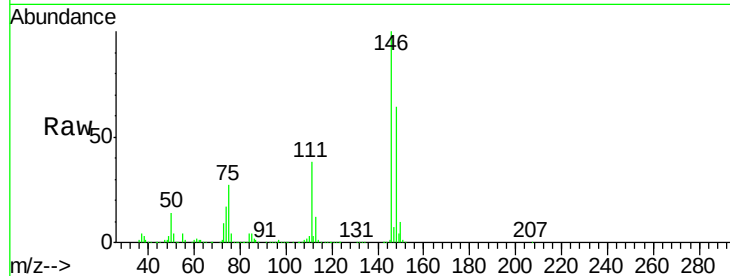
#87
 1,3-Dichlorobenzene
 Concen: 53.773 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	429865		
111	37.7	18.1	54.1	
148	64.4	32.0	96.2	

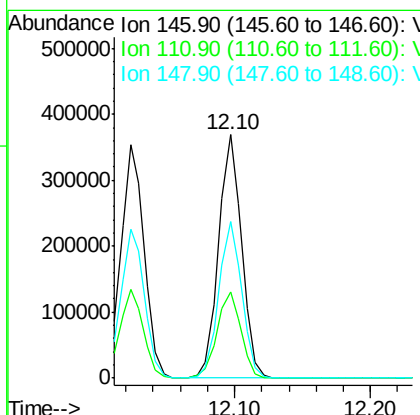
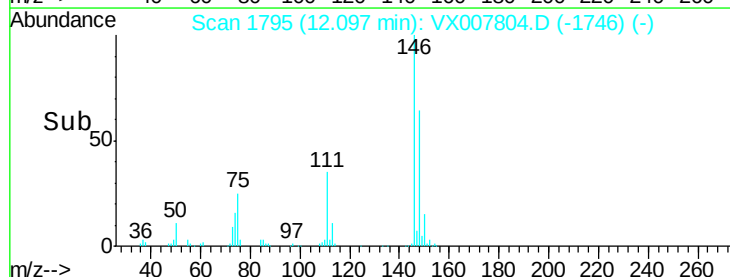
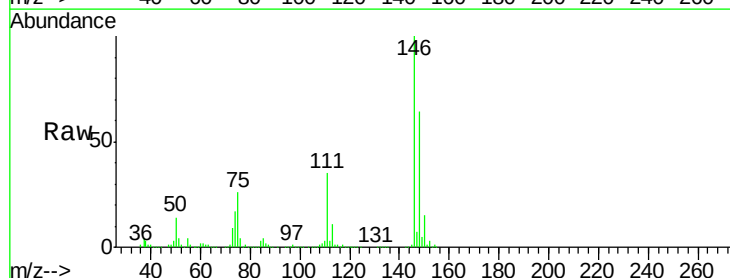
Manual Integrations
 APPROVED

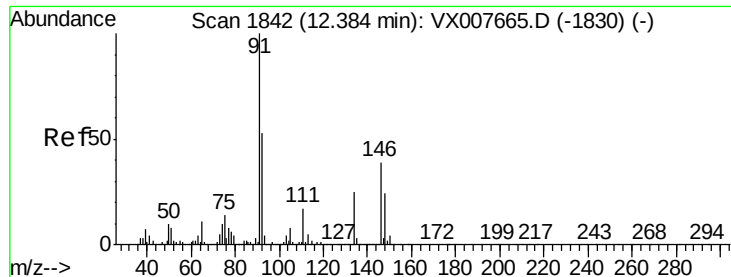
MMDadoda
 3/5/2019 9:34:24 AM



#88
 1,4-Dichlorobenzene
 Concen: 52.828 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	432503		
111	36.7	18.1	54.1	
148	64.2	32.3	96.9	





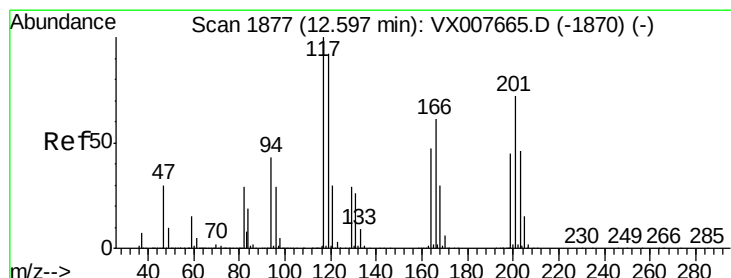
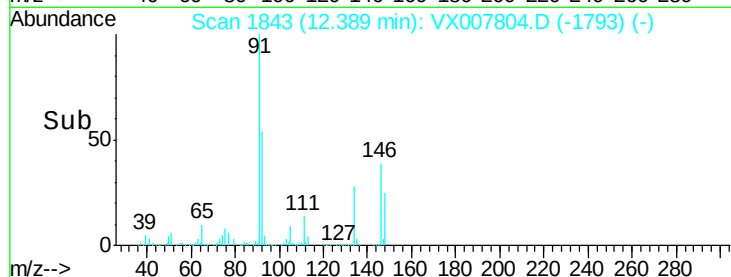
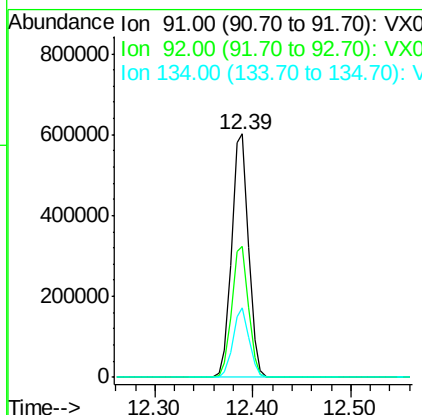
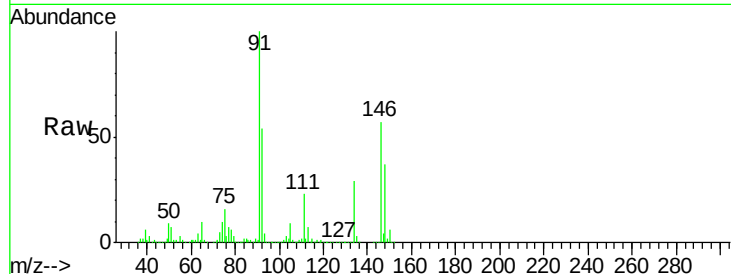
#89
n-Butylbenzene
Concen: 54.292 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.3	78.9
134	27.4	13.9	41.6

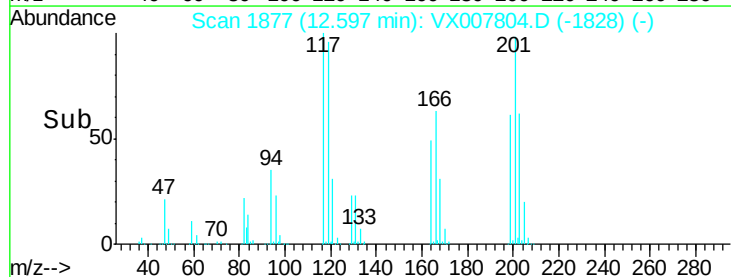
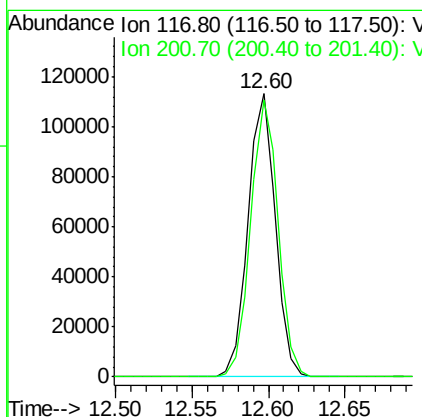
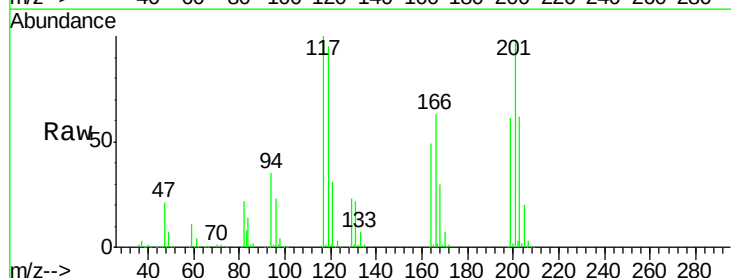
Manual Integrations
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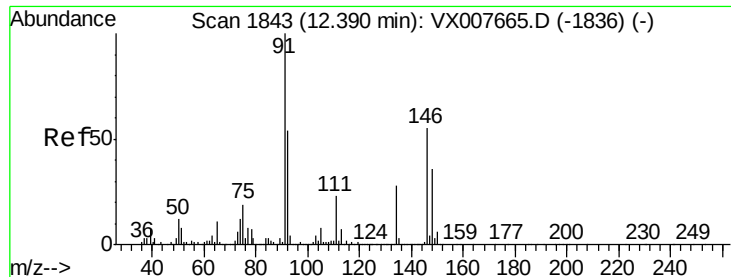
MMDadoda
3/5/2019 9:34:24 AM



#90
Hexachloroethane
Concen: 55.650 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.6	44.9	134.7





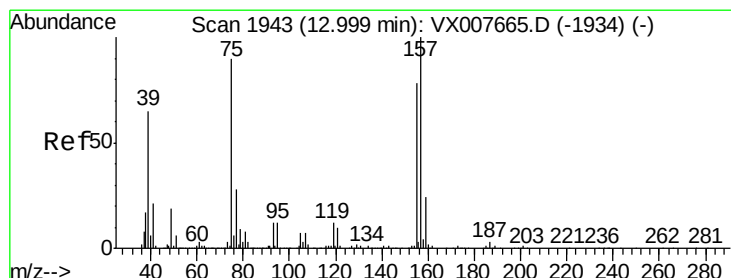
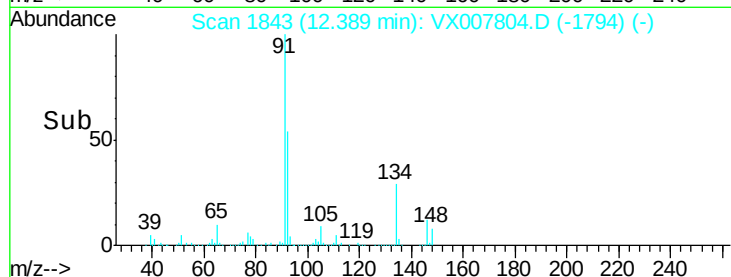
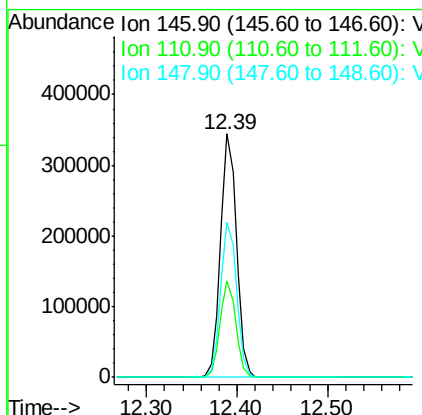
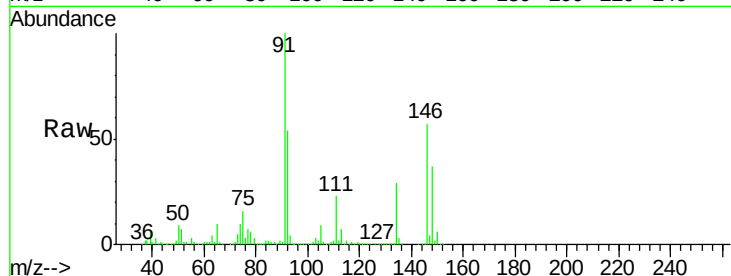
#91
 1,2-Dichlorobenzene
 Concen: 53.185 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.3
148	64.0	32.1	96.3

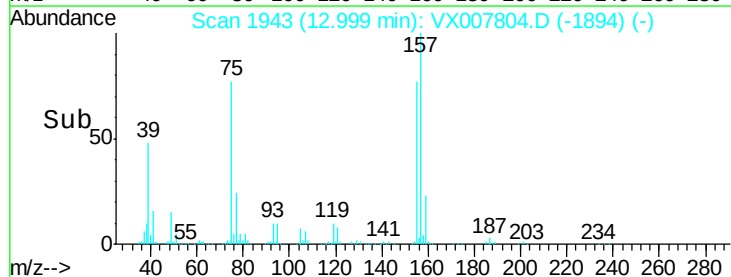
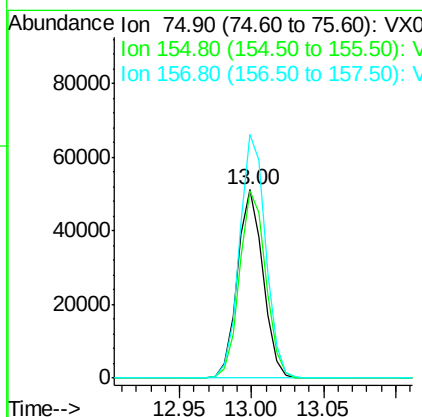
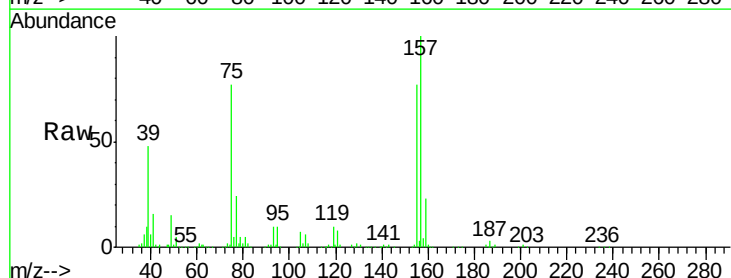
Manual Integrations
 APPROVED

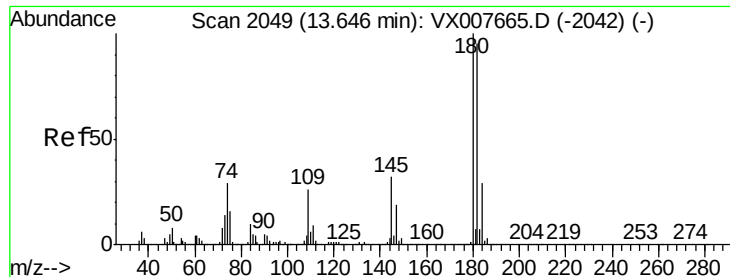
MMDadoda
 3/5/2019 9:34:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.002 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.8	49.6	149.0
157	130.7	65.1	195.3





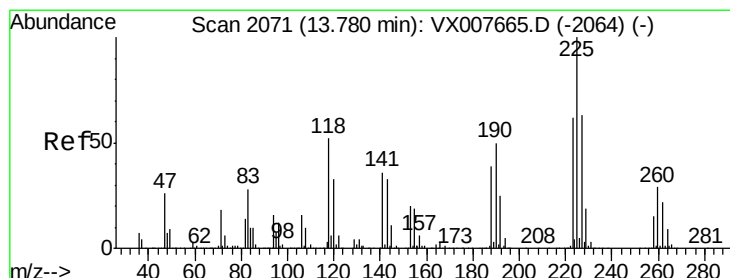
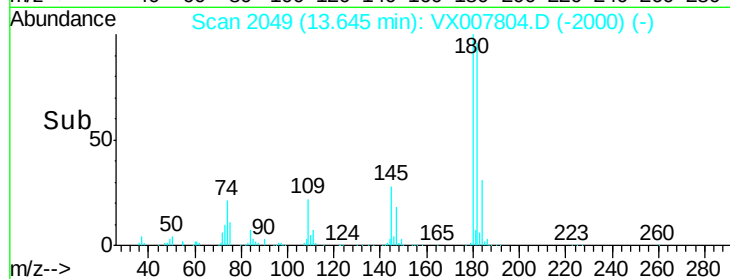
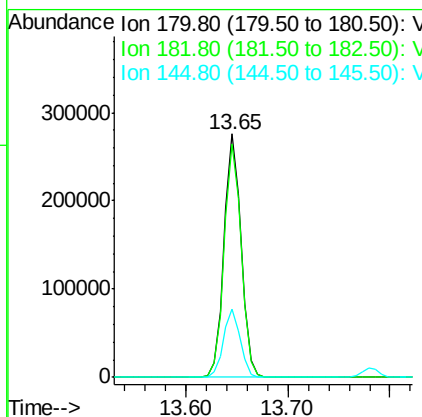
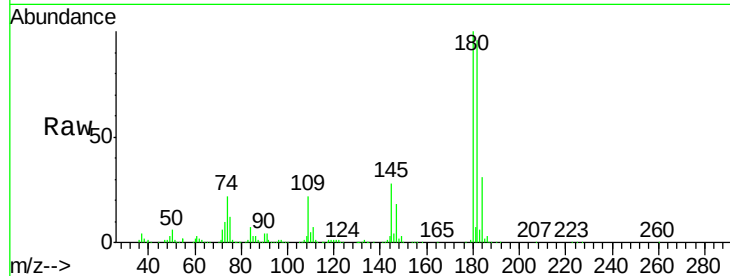
#93
 1,2,4-Trichlorobenzene
 Concen: 65.714 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.8	143.3	
145	27.7	14.1	42.2	

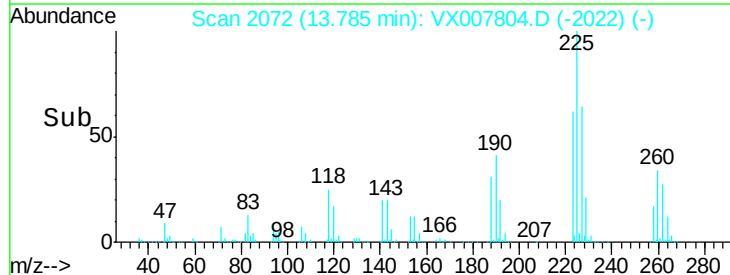
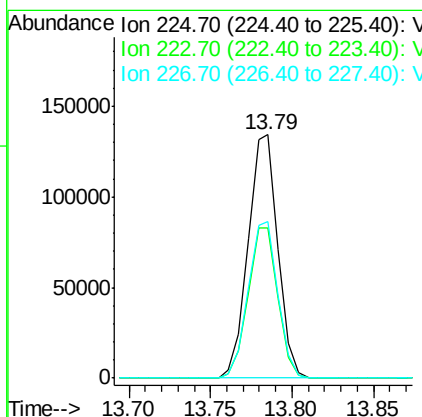
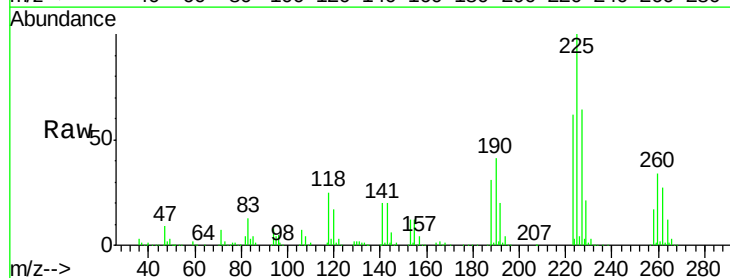
Manual Integrations
 APPROVED

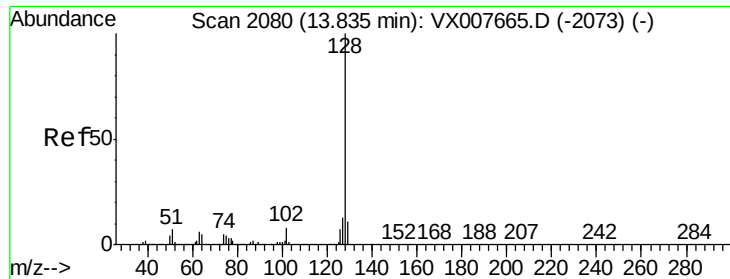
MMDadoda
 3/5/2019 9:34:24 AM



#94
 Hexachlorobutadiene
 Concen: 76.303 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	31.6	94.8	
227	64.2	32.1	96.3	





#95

Naphthalene

Concen: 57.956 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

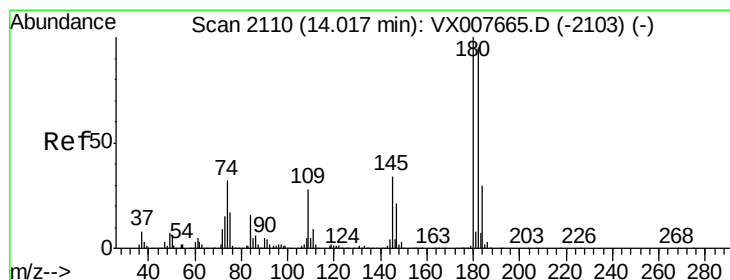
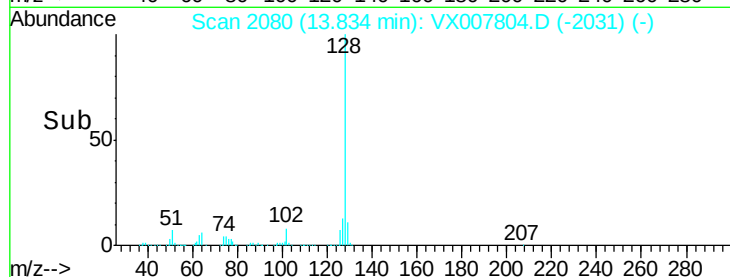
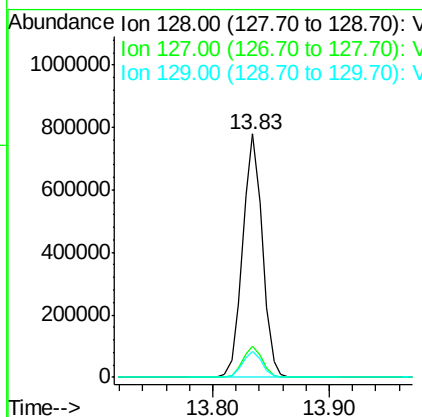
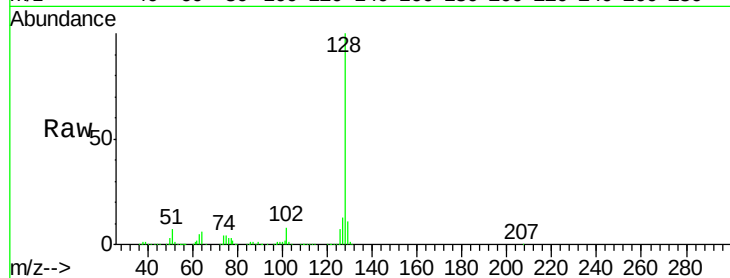
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	916757
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:24 AM



#96

1,2,3-Trichlorobenzene

Concen: 64.694 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion:	180	Resp:	317157
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.5	142.6
145	29.9	14.9	44.5

