

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014757.D
 Acq On : 28 Jan 2020 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:23 AM

Quant Time: Jan 29 01:02:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	671847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	612665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	312031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	246378	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.48	113	205137	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	8.71	98	793398	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	283649	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	277471	47.086	ug/l	100
3) Chloromethane	1.32	50	280102	47.130	ug/l	99
4) Vinyl Chloride	1.40	62	325516	50.656	ug/l	99
5) Bromomethane	1.63	94	184206	42.203	ug/l	99
6) Chloroethane	1.72	64	182371	49.594	ug/l	98
7) Trichlorofluoromethane	1.92	101	360940	48.239	ug/l	99
8) Diethyl Ether	2.18	74	159252	48.762	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212576	48.396	ug/l	99
10) Methyl Iodide	2.50	142	263813	45.772	ug/l	99
11) Tert butyl alcohol	3.03	59	244075	211.910	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212785	48.723	ug/l	99
13) Acrolein	2.28	56	282127	310.660	ug/l	100
14) Allyl chloride	2.72	41	384166	48.940	ug/l	99
15) Acrylonitrile	3.13	53	648786	243.451	ug/l	99
16) Acetone	2.43	43	576668	205.124	ug/l	100
17) Carbon Disulfide	2.56	76	543306	45.518	ug/l	99
18) Methyl Acetate	2.76	43	394420	49.144	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	729047	50.967	ug/l	99
20) Methylene Chloride	2.85	84	241748	46.465	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	227359	47.282	ug/l	98
22) Diisopropyl ether	3.84	45	785573	50.301	ug/l	99
23) Vinyl Acetate	3.80	43	3124309	262.434	ug/l	100
24) 1,1-Dichloroethane	3.69	63	418022	49.286	ug/l	99
25) 2-Butanone	4.65	43	908098	225.421	ug/l	98
26) 2,2-Dichloropropane	4.58	77	337630	49.734	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	265205	49.279	ug/l	99
28) Bromochloromethane	5.01	49	171620	46.047	ug/l	98
29) Tetrahydrofuran	5.11	42	581535	243.222	ug/l	99
30) Chloroform	5.20	83	414011	49.276	ug/l	97
31) Cyclohexane	5.58	56	387126	48.529	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	349346	49.191	ug/l	99
36) 1,1-Dichloropropene	5.79	75	313210	50.172	ug/l	99
37) Ethyl Acetate	4.82	43	346234	48.424	ug/l	99
38) Carbon Tetrachloride	5.78	117	299305	50.201	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	387050	49.490	ug/l	96
40) Benzene	6.14	78	954841	49.502	ug/l	99
41) Methacrylonitrile	5.03	41	197017	48.290	ug/l	98
42) 1,2-Dichloroethane	6.19	62	330893	49.677	ug/l	100
43) Isopropyl Acetate	6.43	43	582532	49.753	ug/l	100
44) Trichloroethene	7.21	130	260737	47.855	ug/l	100
45) 1,2-Dichloropropane	7.51	63	250926	50.496	ug/l	97
46) Dibromomethane	7.65	93	160366	49.828	ug/l	98
47) Bromodichloromethane	7.89	83	320638	50.796	ug/l	98
48) Methyl methacrylate	7.76	41	286144	51.149	ug/l	98
49) 1,4-Dioxane	7.73	88	106052	894.304	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1812904	245.322	ug/l	99
52) Toluene	8.78	92	605213	51.043	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	359427	52.881	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	395670	52.917	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	246539	50.785	ug/l	99
56) Ethyl methacrylate	9.17	69	389248	47.393	ug/l	100
57) 1,3-Dichloropropane	9.37	76	416387	50.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	630081	258.083	ug/l	99
59) 2-Hexanone	9.48	43	1365623	238.144	ug/l	98
60) Dibromochloromethane	9.57	129	261012	51.511	ug/l	100
61) 1,2-Dibromoethane	9.67	107	258257	50.316	ug/l	99
64) Tetrachloroethene	9.33	164	264248	43.572	ug/l	96
65) Chlorobenzene	10.14	112	649089	49.532	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	243232	50.341	ug/l	99
67) Ethyl Benzene	10.25	91	1149190	51.358	ug/l	99
68) m/p-Xylenes	10.36	106	875892	103.325	ug/l	100
69) o-Xylene	10.70	106	424638	51.888	ug/l	100
70) Styrene	10.71	104	734807	53.527	ug/l	99
71) Bromoform	10.85	173	200786	52.256	ug/l	# 100
73) Isopropylbenzene	11.01	105	1125069	51.279	ug/l	100
74) N-amyl acetate	10.89	43	510747	53.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	373275	47.650	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	308570m	42.505	ug/l	
77) Bromobenzene	11.25	156	296357	50.280	ug/l	96
78) n-propylbenzene	11.35	91	1277871	51.312	ug/l	99
79) 2-Chlorotoluene	11.42	91	744440	49.404	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	929350	51.037	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124876	48.952	ug/l	99
82) 4-Chlorotoluene	11.51	91	870411	50.739	ug/l	99
83) tert-Butylbenzene	11.76	119	922949	53.939	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	949231	51.971	ug/l	99
85) sec-Butylbenzene	11.94	105	1090607	52.028	ug/l	100
86) p-Isopropyltoluene	12.06	119	1013663	52.326	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	516373	48.748	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	521318	49.131	ug/l	99
89) n-Butylbenzene	12.39	91	871074	51.628	ug/l	100
90) Hexachloroethane	12.59	117	177295	49.273	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	520942	49.516	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	80131	47.611	ug/l	96

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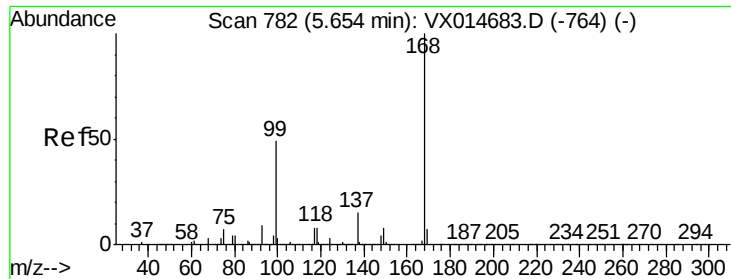
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	359415	52.989	ug/l	98
94) Hexachlorobutadiene	13.78	225	172454	49.399	ug/l	97
95) Naphthalene	13.83	128	1079521	49.366	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	361032	52.640	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 439318

Ion Ratio Lower Upper

168 100

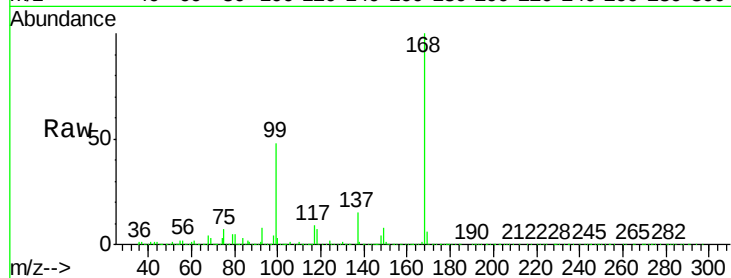
99 48.0 39.8 59.6

Manual Integrations

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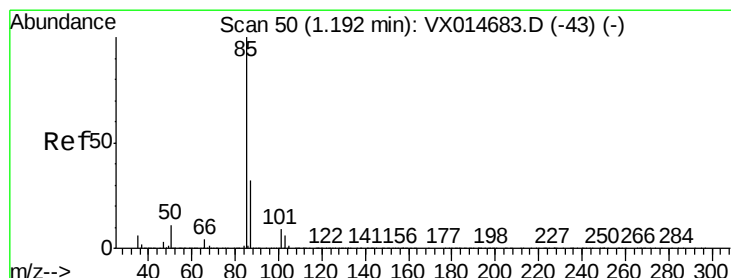
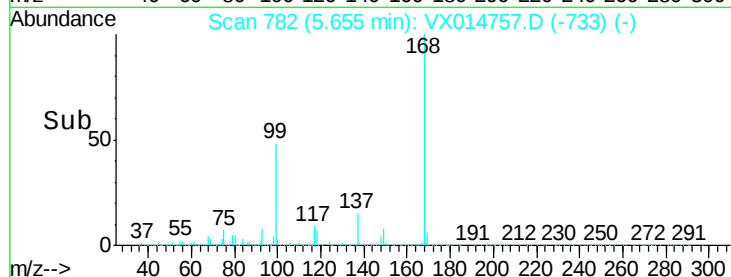
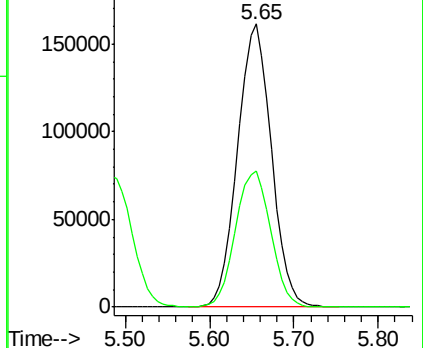
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.086 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014757.D

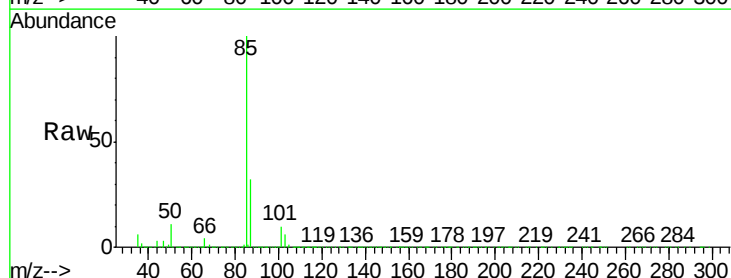
Acq: 28 Jan 2020 17:49

Tgt Ion: 85 Resp: 277471

Ion Ratio Lower Upper

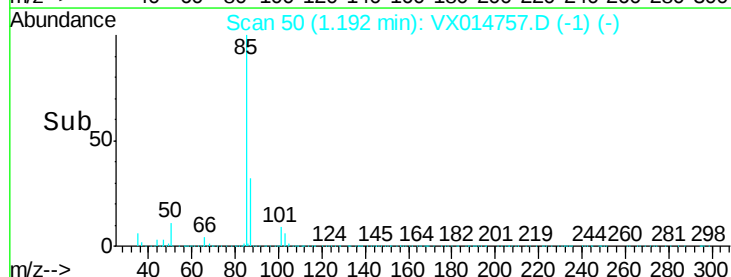
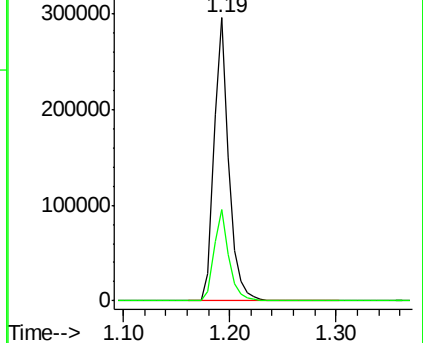
85 100

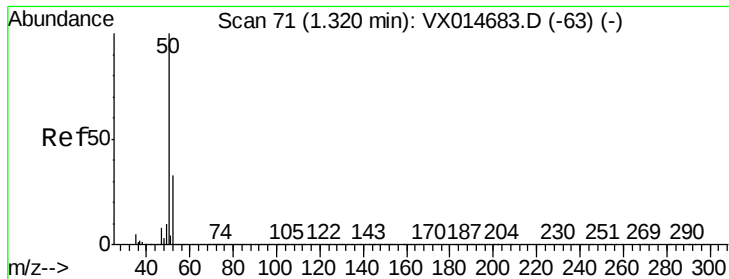
87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.130 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 280102

Ion Ratio Lower Upper

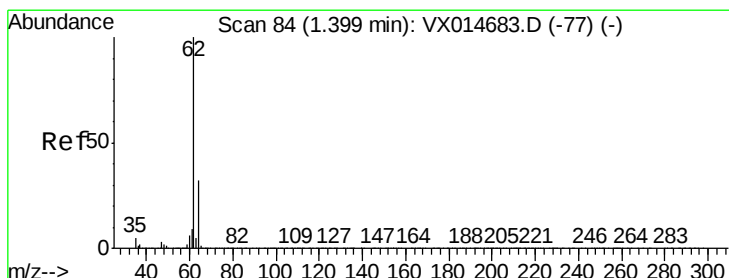
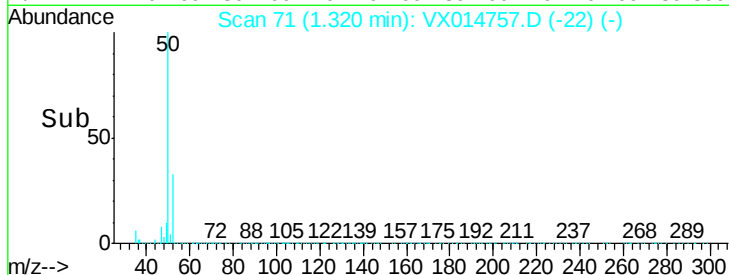
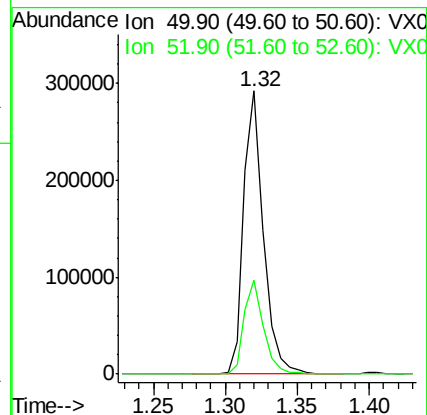
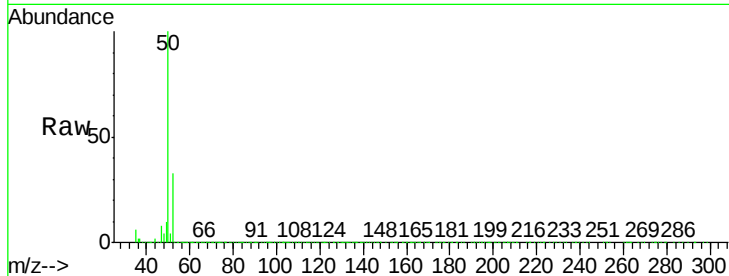
50 100

52 33.2 26.2 39.2

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#4

Vinyl Chloride

Concen: 50.656 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014757.D

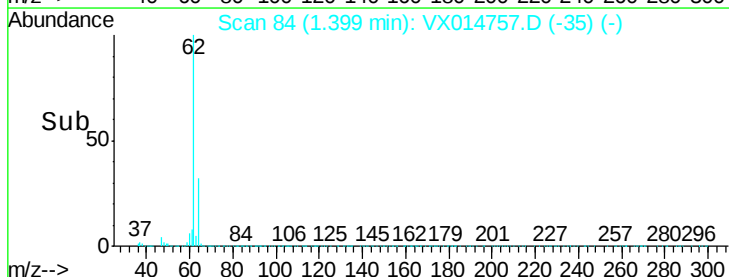
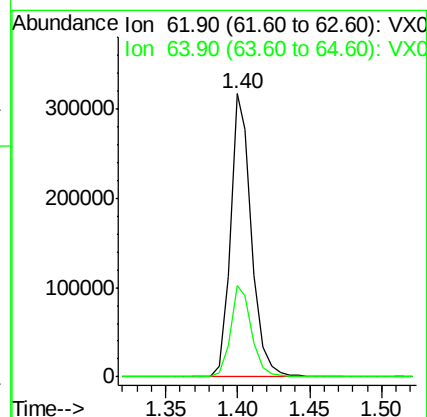
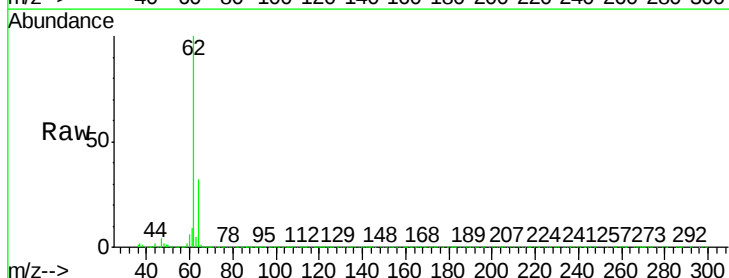
Acq: 28 Jan 2020 17:49

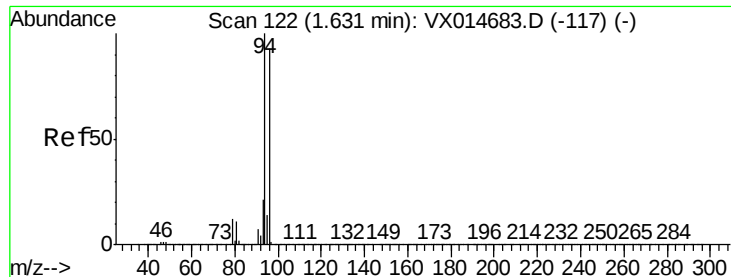
Tgt Ion: 62 Resp: 325516

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 42.203 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 184206

Ion Ratio Lower Upper

94 100

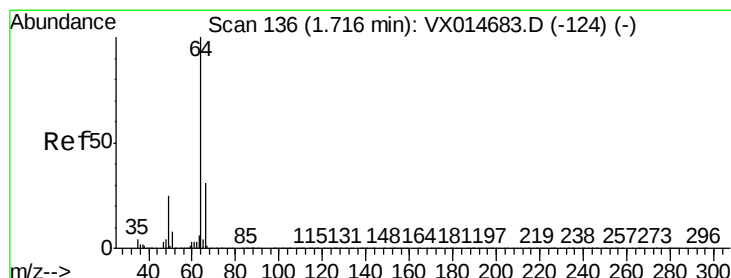
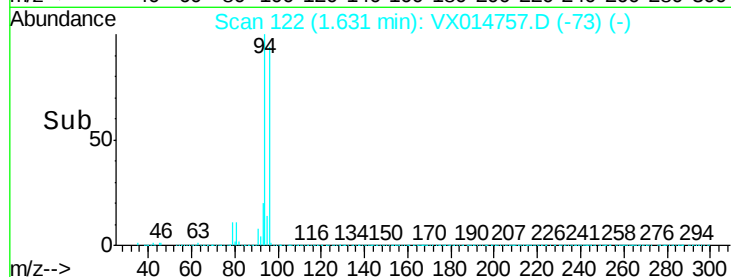
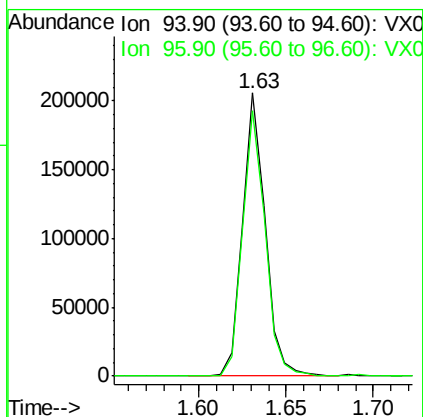
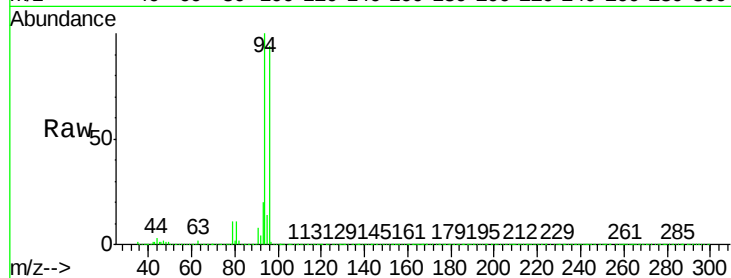
96 94.0 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 49.594 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014757.D

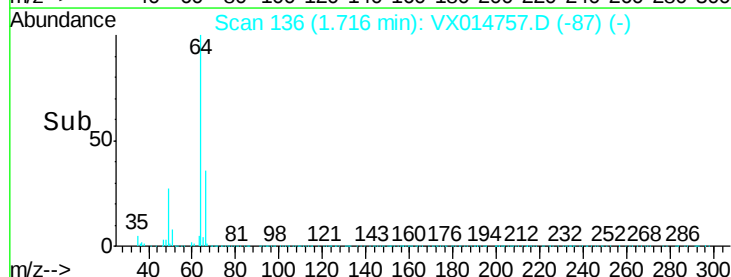
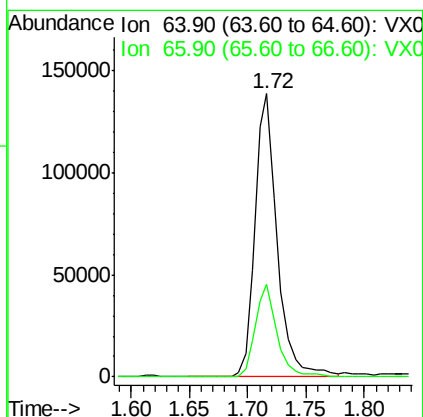
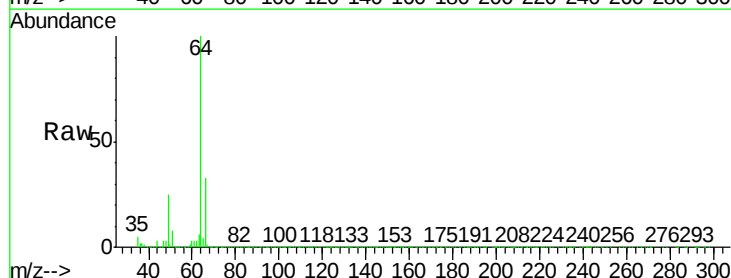
Acq: 28 Jan 2020 17:49

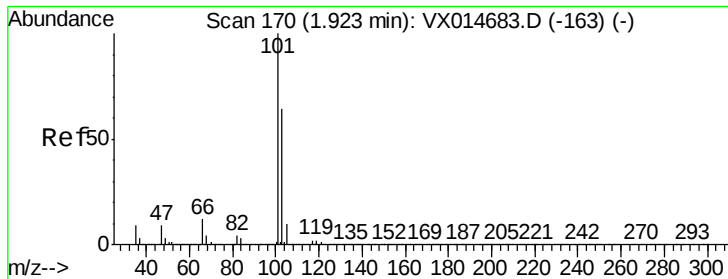
Tgt Ion: 64 Resp: 182371

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8





#7

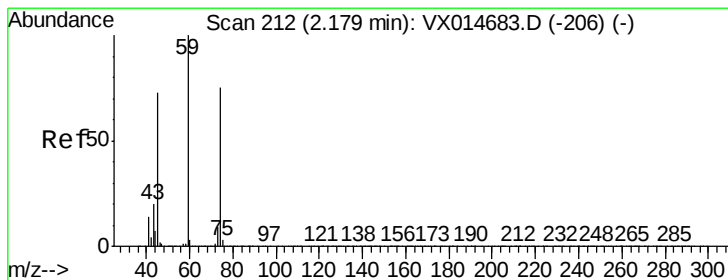
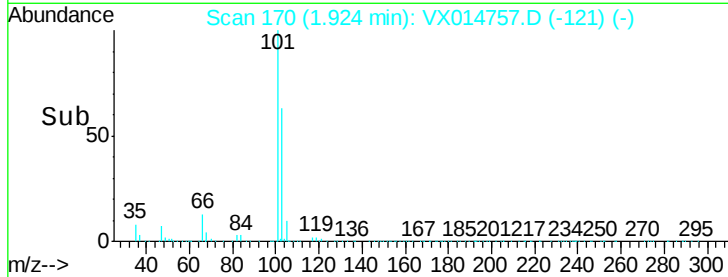
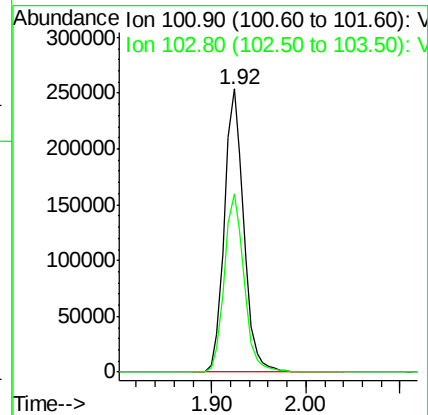
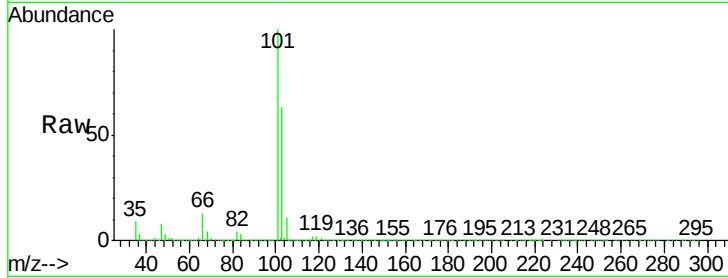
Trichlorofluoromethane
Concen: 48.239 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014757.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		360940		
103	63.1	51.0	76.6		

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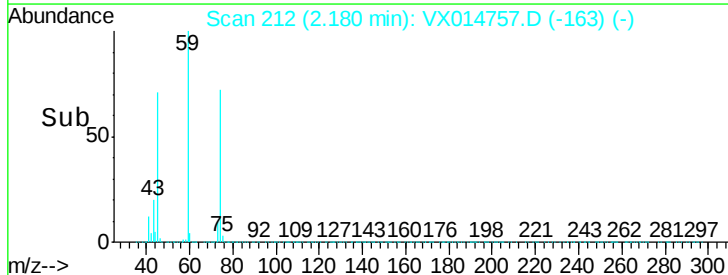
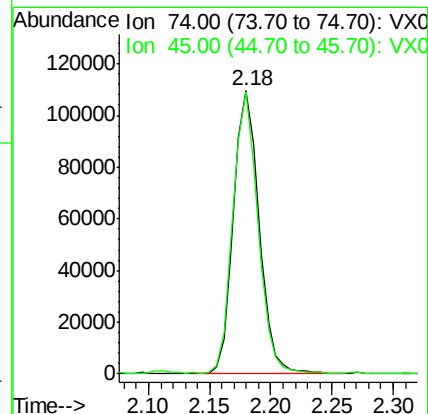
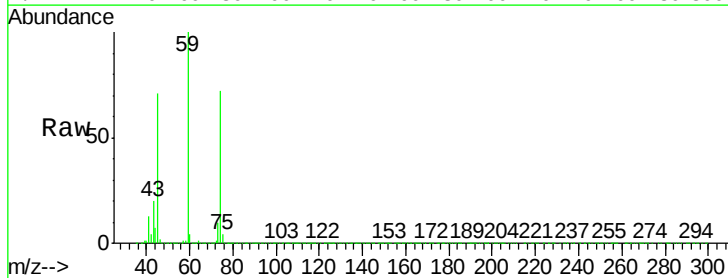
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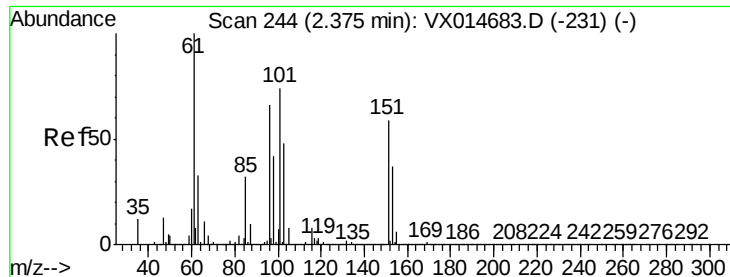


#8

Diethyl Ether
Concen: 48.762 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		159252		
45	96.7	49.4	148.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.396 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

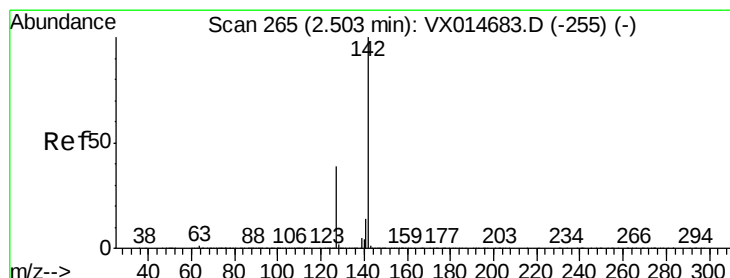
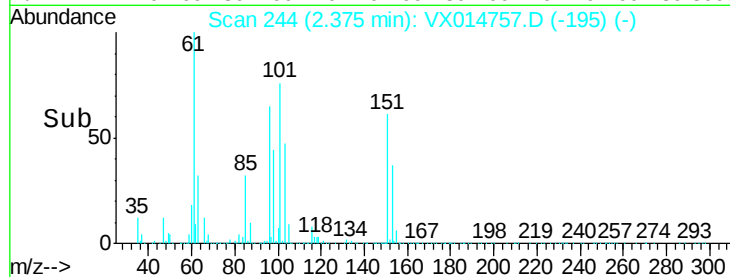
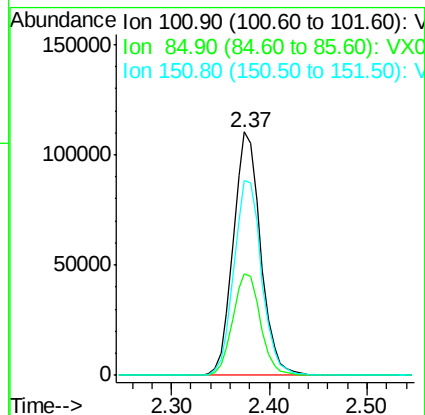
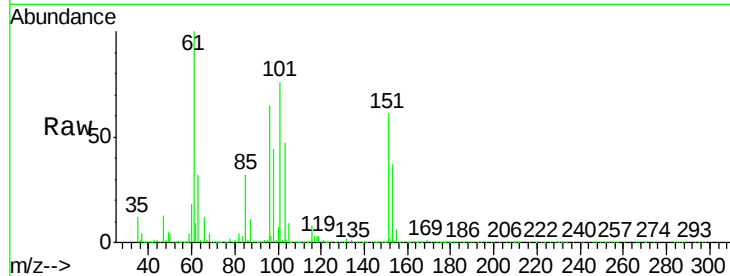
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	212576
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.7	52.1
151	81.7	64.7	97.1

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#10

Methyl Iodide

Concen: 45.772 ug/l

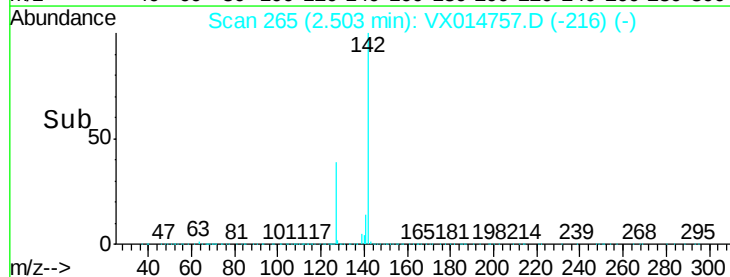
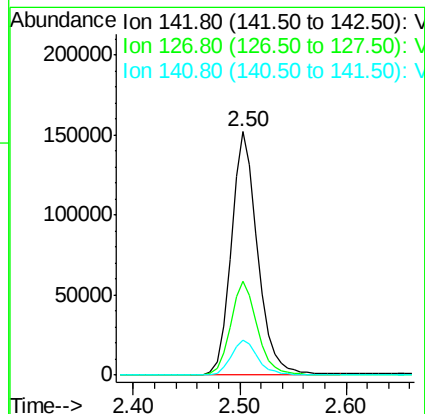
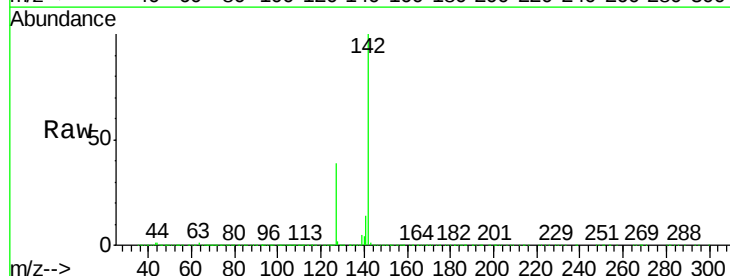
RT: 2.50 min Scan# 265

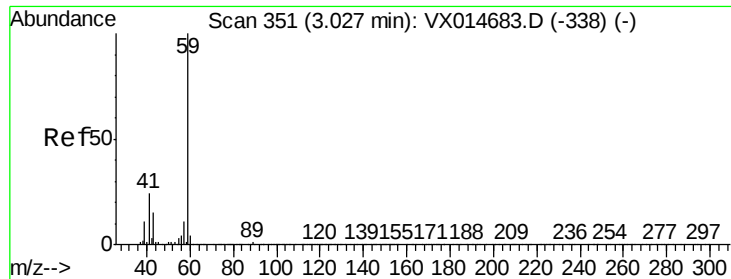
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion:	142	Resp:	263813
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.1	46.7
141	14.7	11.3	16.9





#11

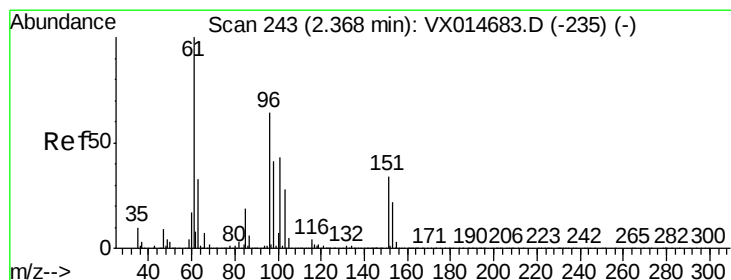
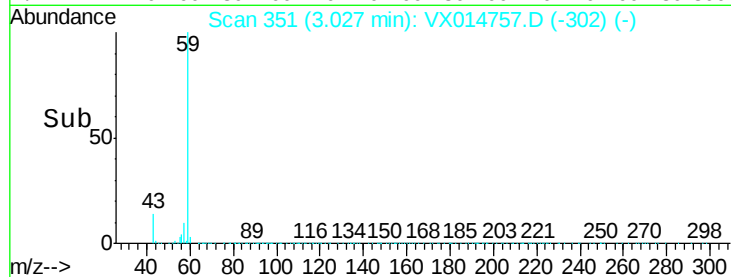
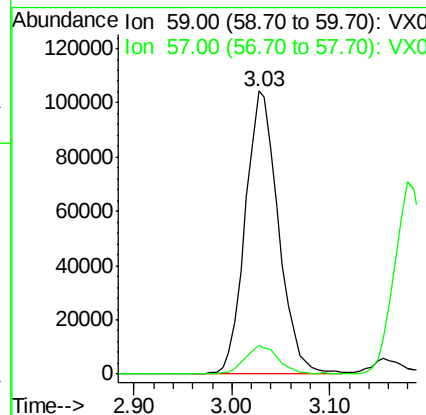
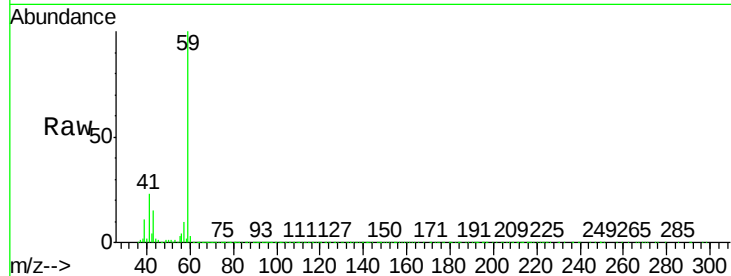
Tert butyl alcohol
Concen: 211.910 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

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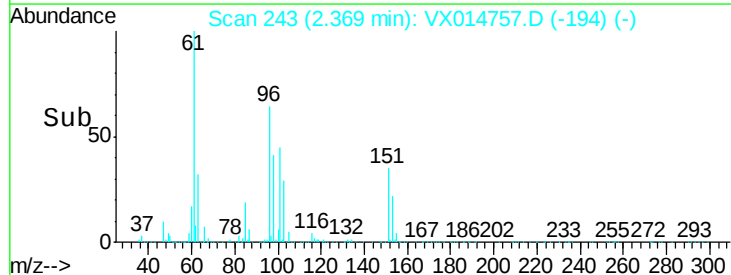
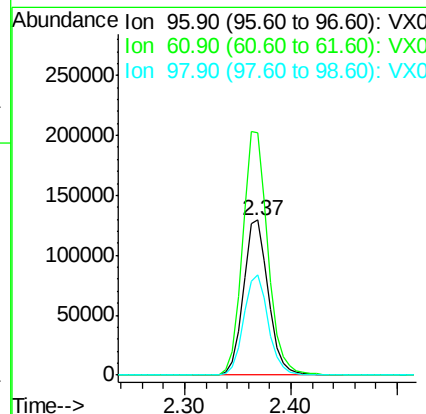
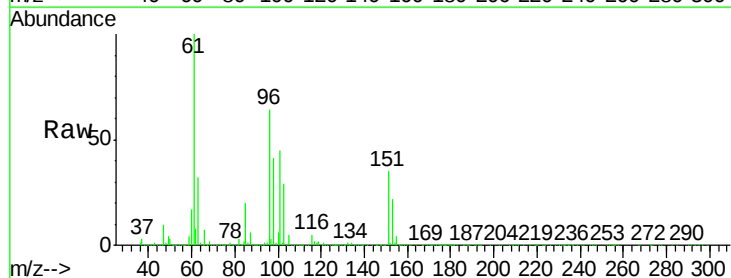
MMDadoda
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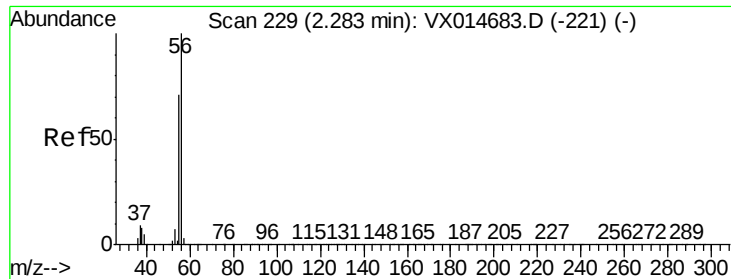


#12

1,1-Dichloroethene
Concen: 48.723 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.4	125.8	188.8
98	64.3	51.5	77.3





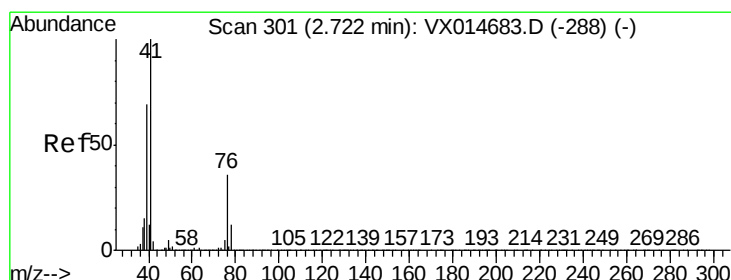
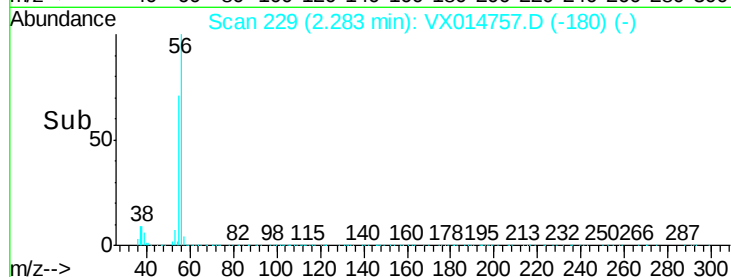
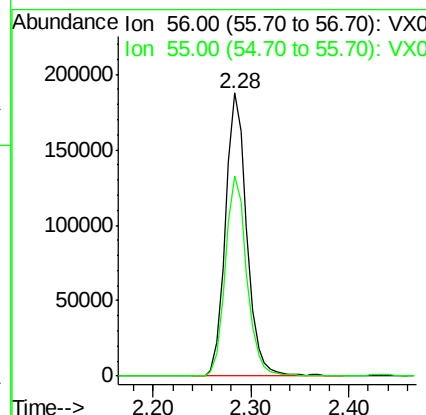
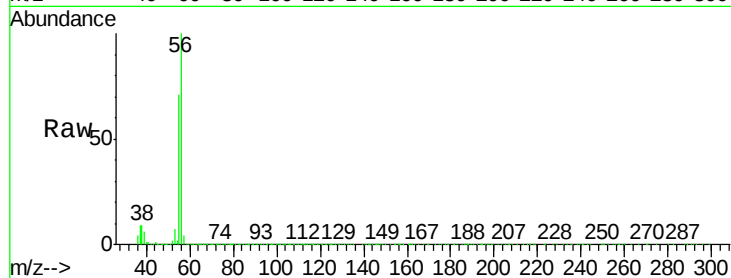
#13
Acrolein
Concen: 310.660 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	71.0	56.6	84.8	

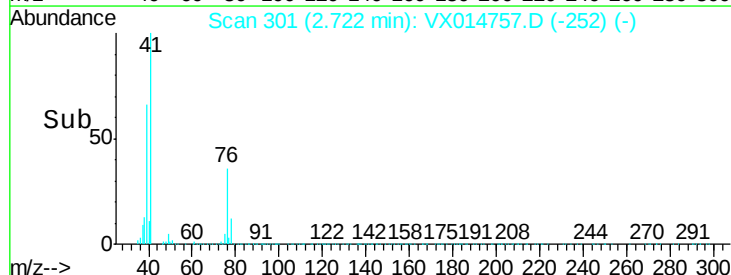
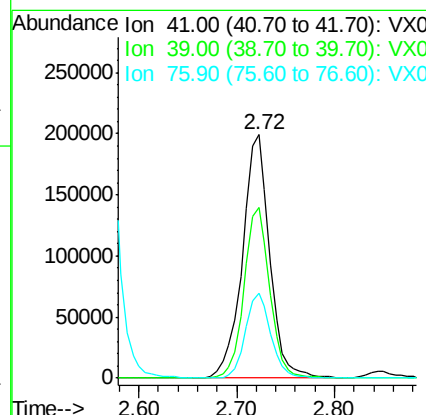
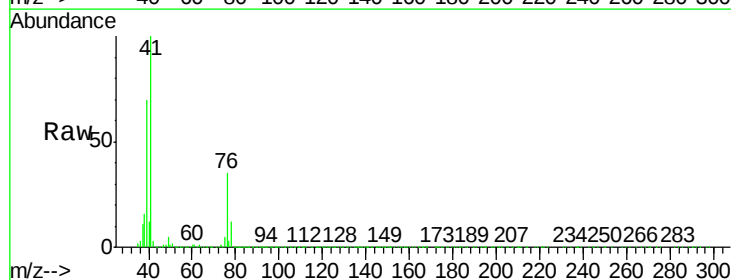
Manual Integrations
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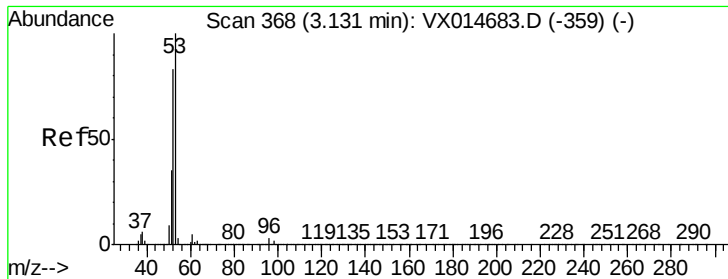
MMDadoda
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#14
Allyl chloride
Concen: 48.940 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	65.9	52.0	78.0	
76	32.4	26.0	39.0	





#15

Acrylonitrile

Concen: 243.451 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

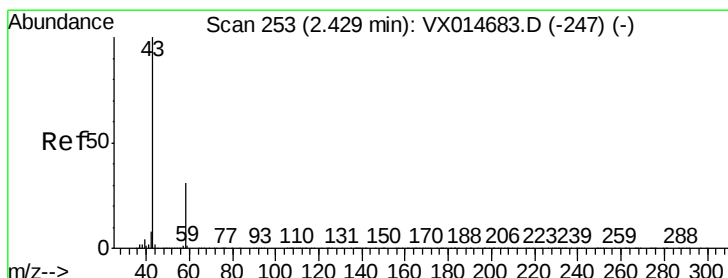
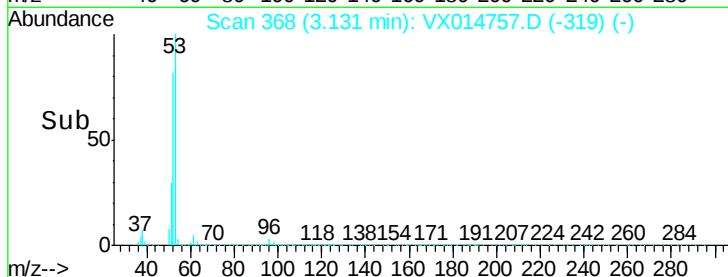
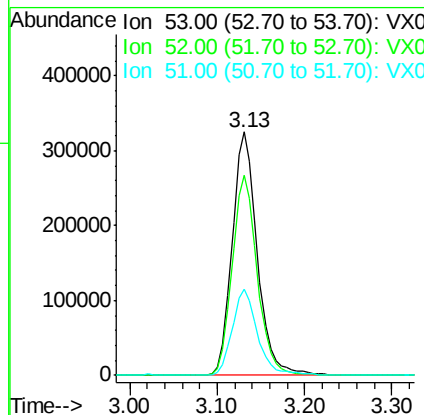
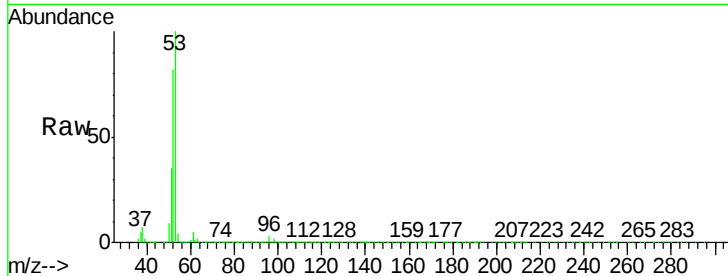
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	648786
Ion Ratio		Lower	Upper
53	100		
52	82.2	66.4	99.6
51	36.0	28.7	43.1

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#16

Acetone

Concen: 205.124 ug/l

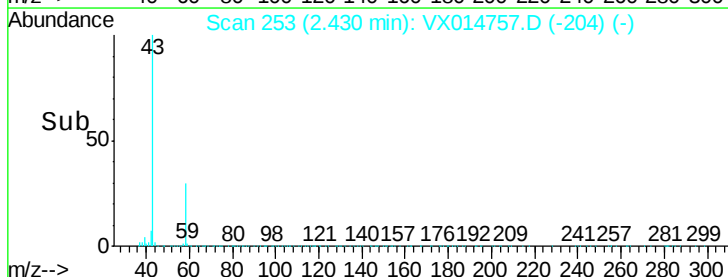
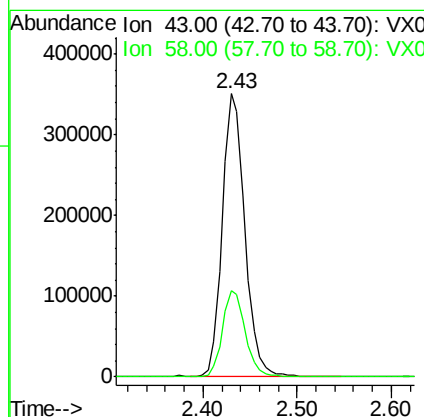
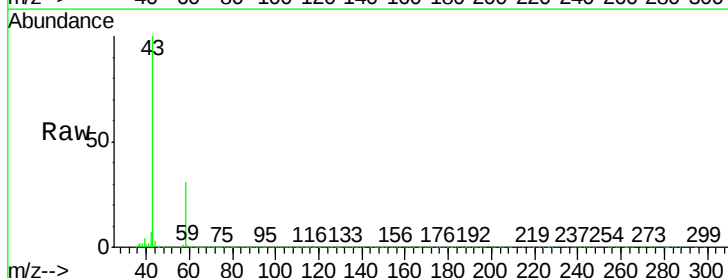
RT: 2.43 min Scan# 253

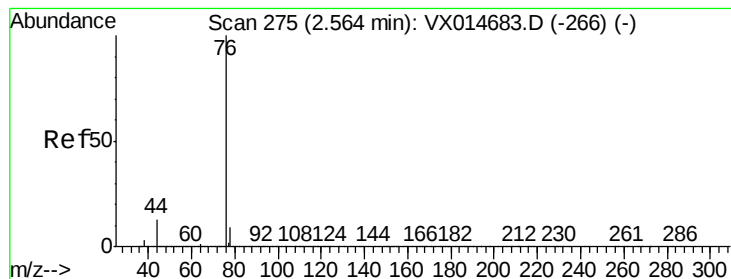
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion:	43	Resp:	576668
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.5	36.7





#17

Carbon Disulfide

Concen: 45.518 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 543306

Ion Ratio Lower Upper

76 100

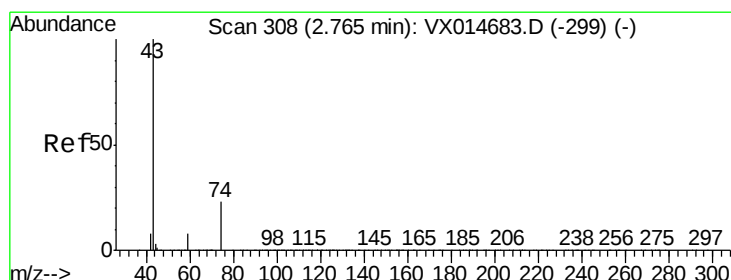
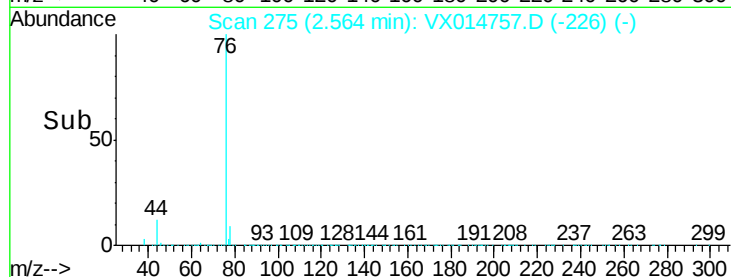
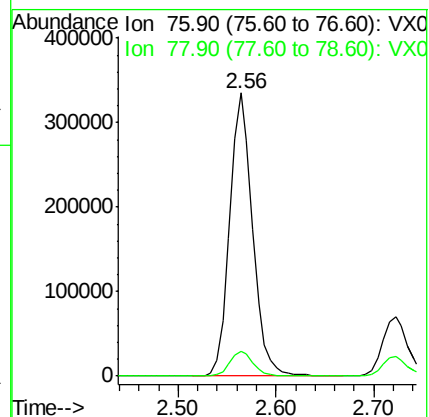
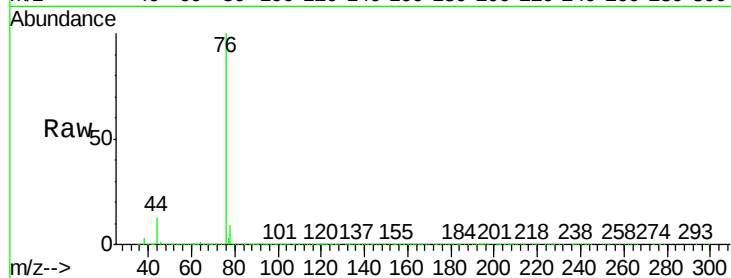
78 8.8 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 49.144 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014757.D

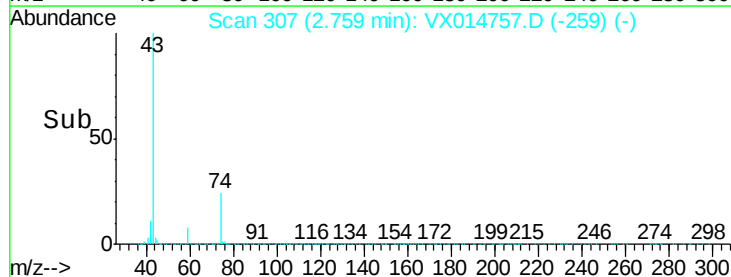
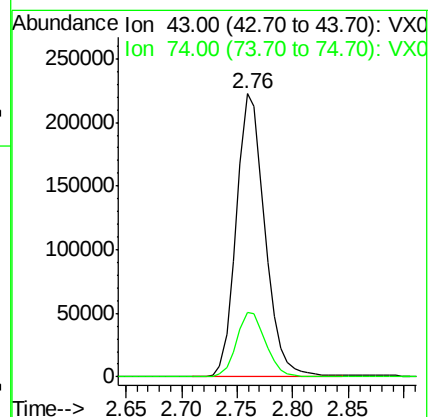
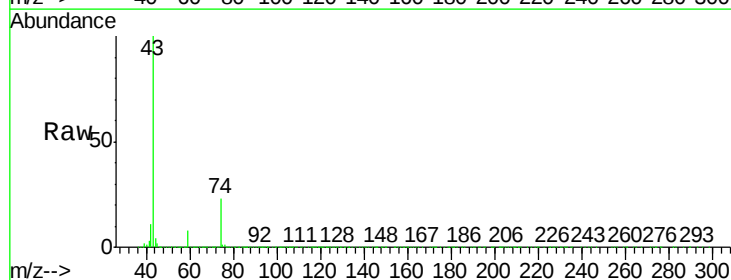
Acq: 28 Jan 2020 17:49

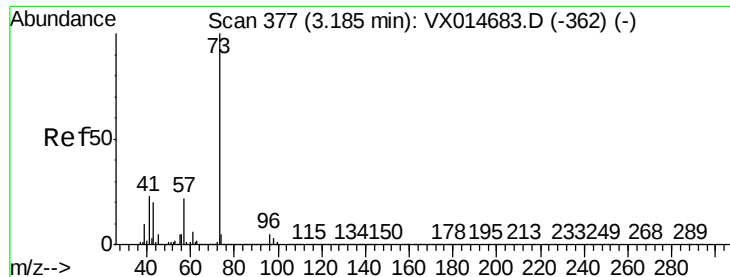
Tgt Ion: 43 Resp: 394420

Ion Ratio Lower Upper

43 100

74 23.5 18.5 27.7





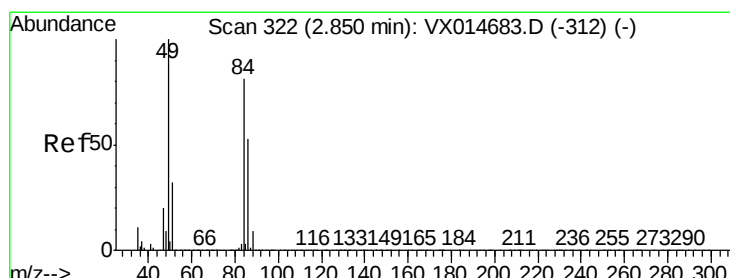
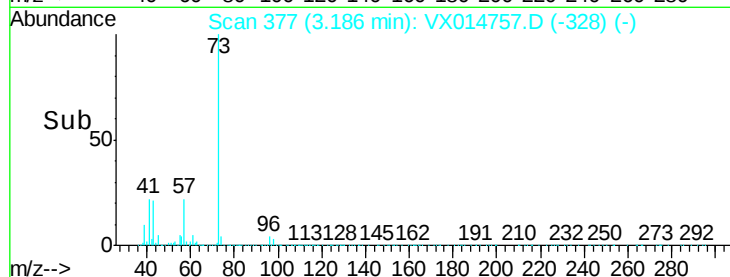
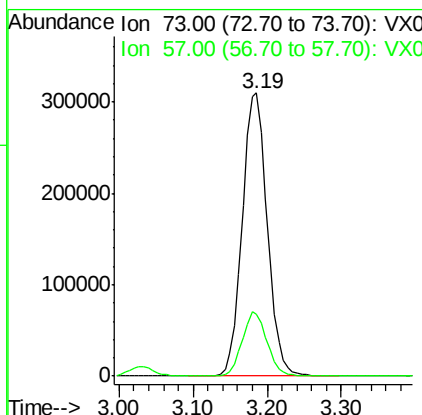
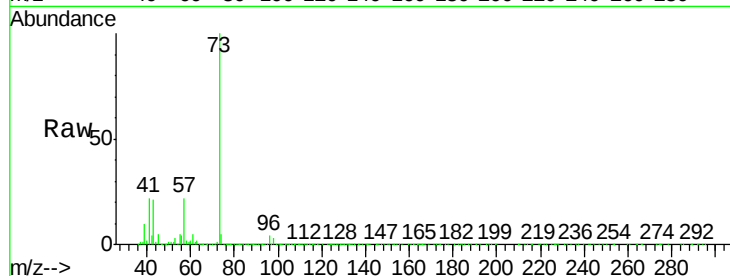
#19
Methvl tert-butvl Ether
Concen: 50.967 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.0	27.0

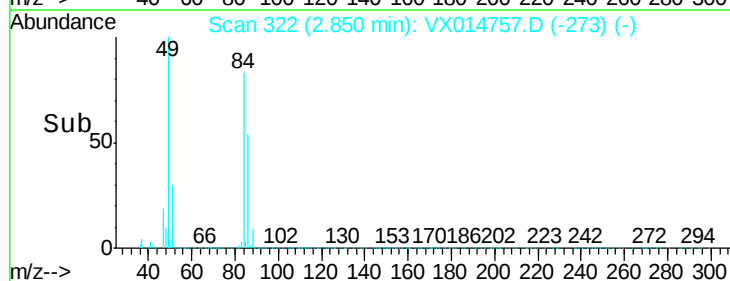
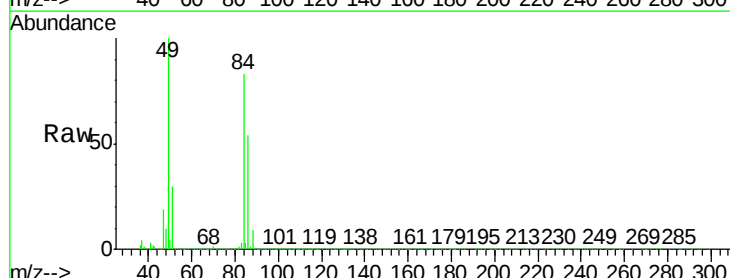
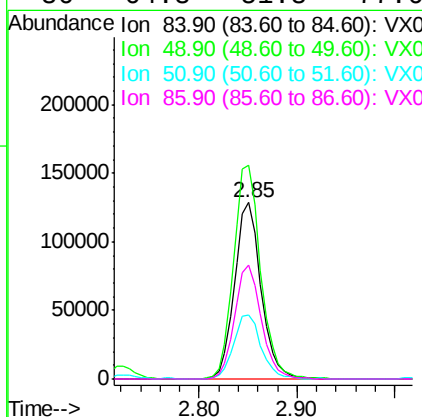
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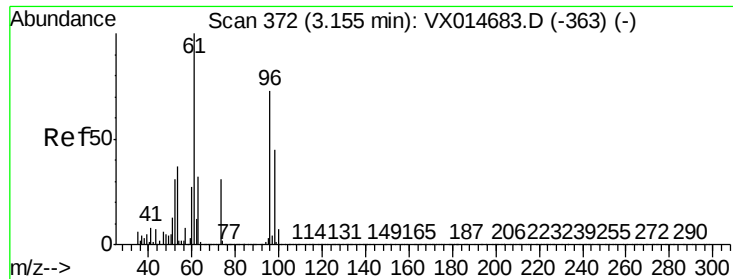
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#20
Methylene Chloride
Concen: 46.465 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	98.2	147.4
51	35.9	31.3	46.9
86	64.8	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 47.282 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

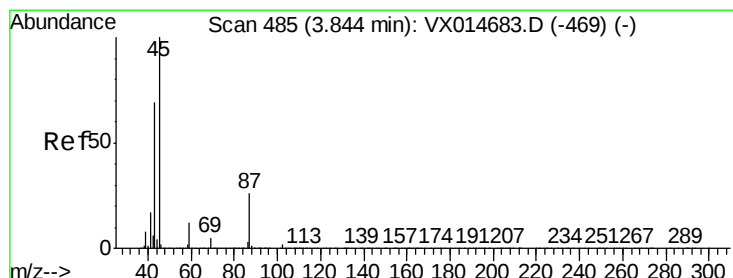
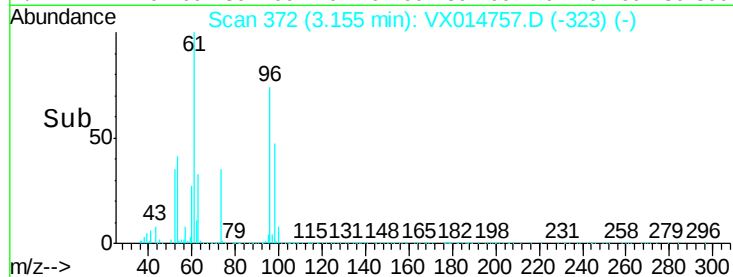
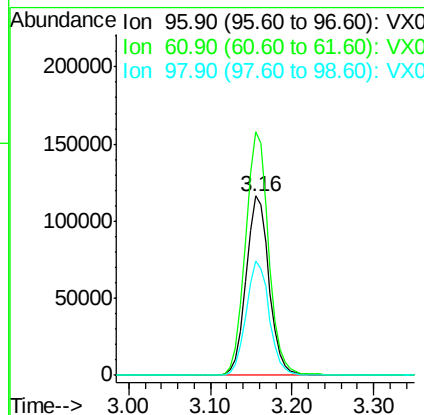
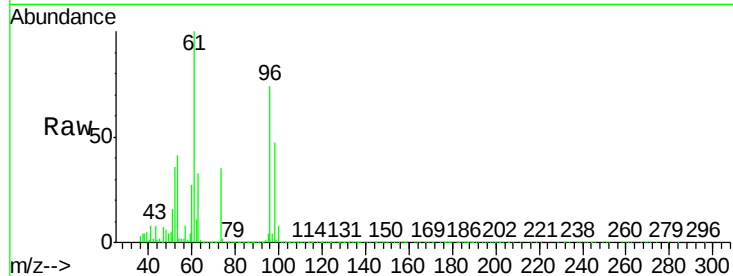
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	227359
Ion Ratio	Lower	Upper	
96	100		
61	135.6	109.8	164.6
98	63.8	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.301 ug/l

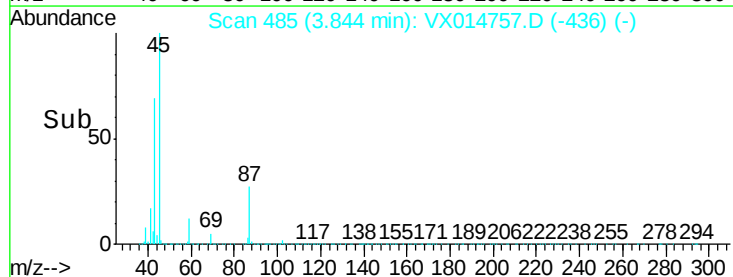
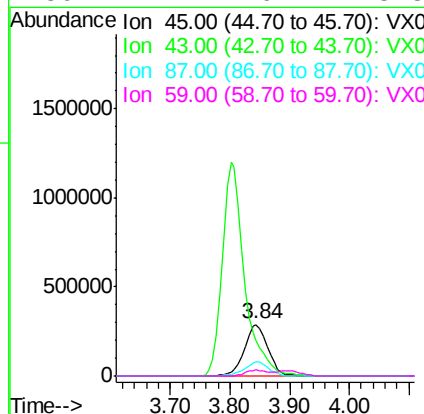
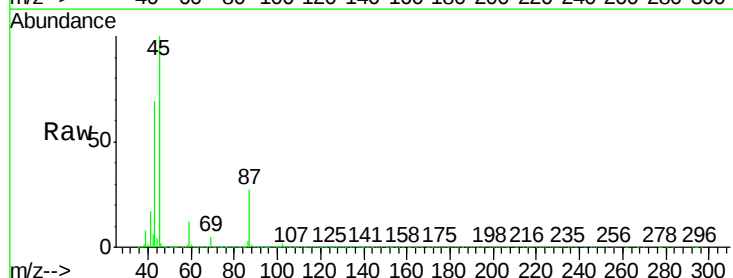
RT: 3.84 min Scan# 485

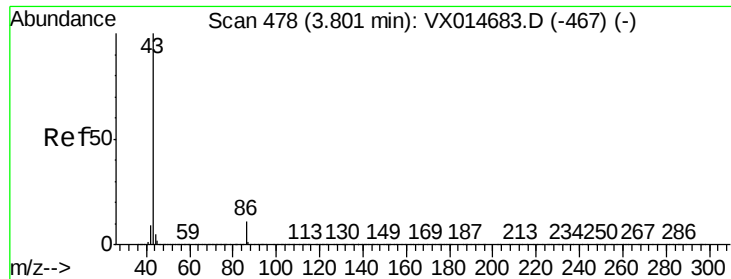
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion:	45	Resp:	785573
Ion Ratio	Lower	Upper	
45	100		
43	68.9	55.1	82.7
87	26.7	20.7	31.1
59	12.4	9.2	13.8





#23

Vinyl Acetate

Concen: 262.434 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 3124309

Ion Ratio Lower Upper

43 100

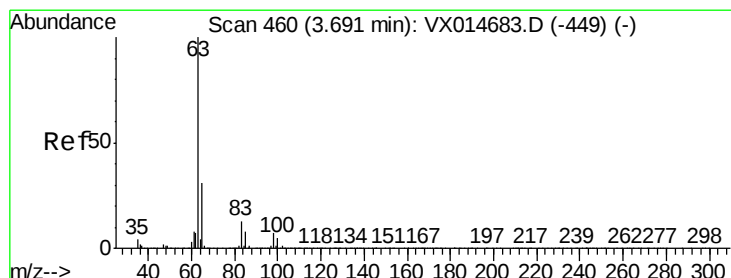
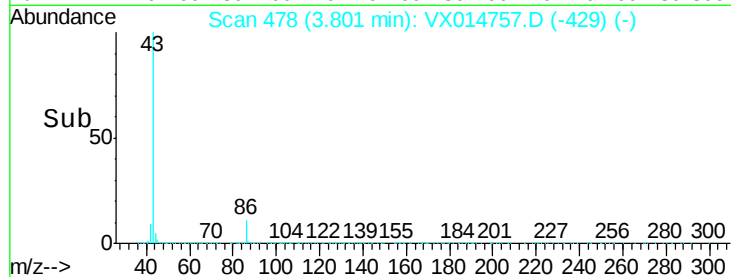
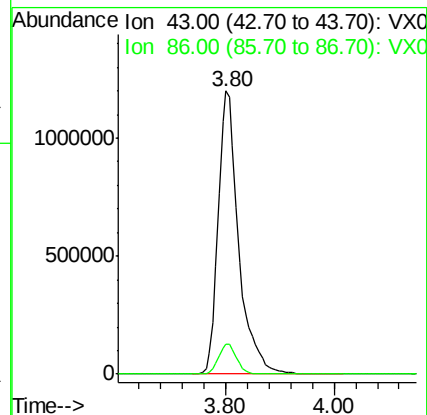
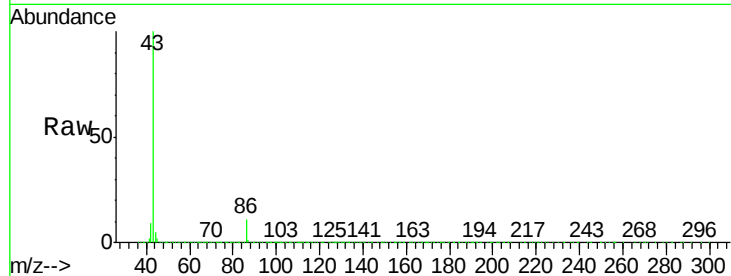
86 10.7 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.286 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

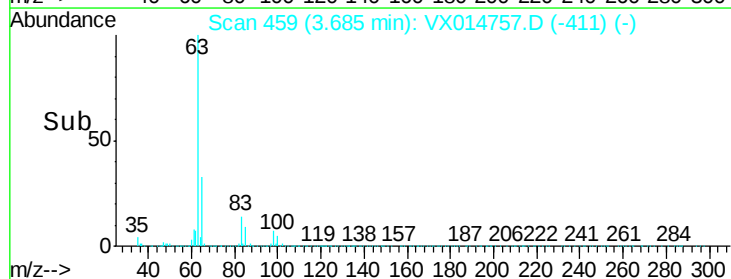
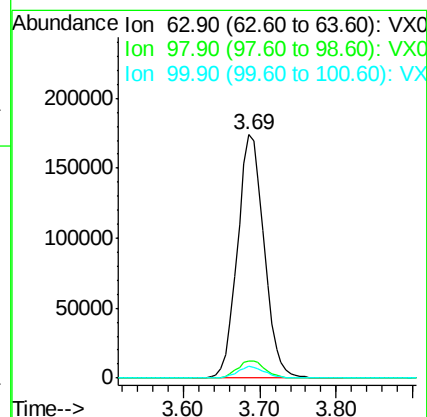
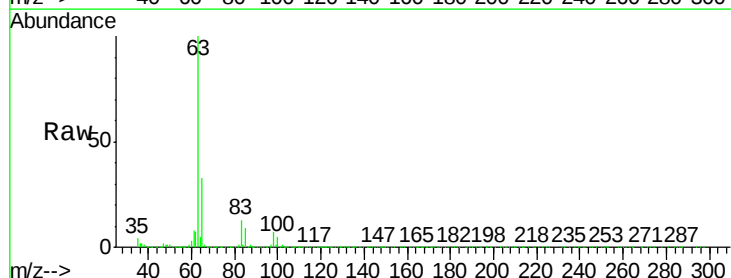
Tgt Ion: 63 Resp: 418022

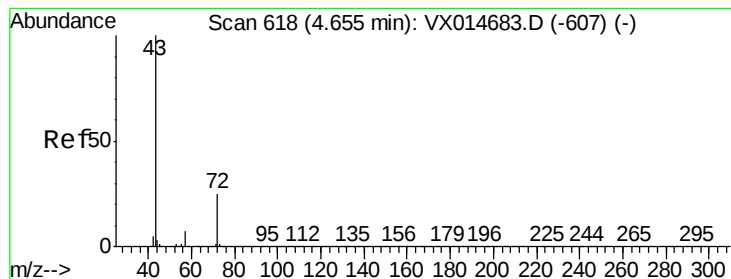
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 225.421 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 908098

Ion Ratio Lower Upper

43 100

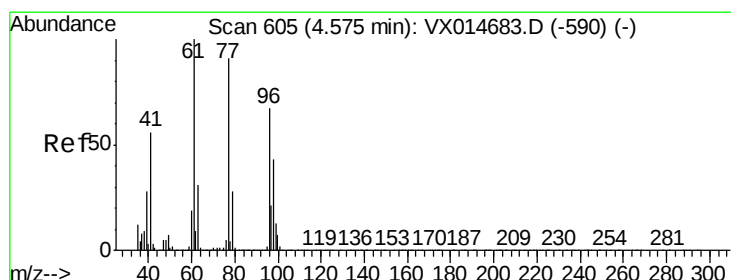
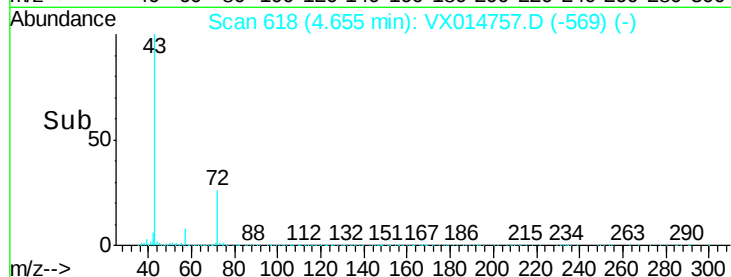
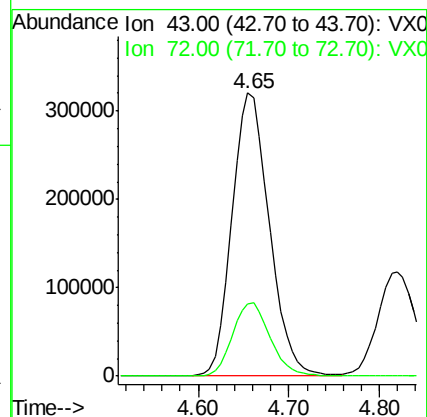
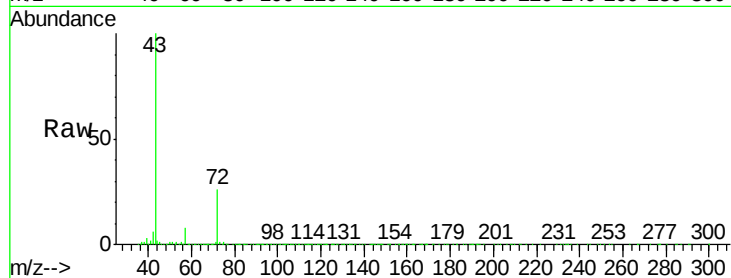
72 25.7 19.9 29.9

Manual Integrations

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1/29/2020 10:55:23 AM



#26

2,2-Dichloropropane

Concen: 49.734 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014757.D

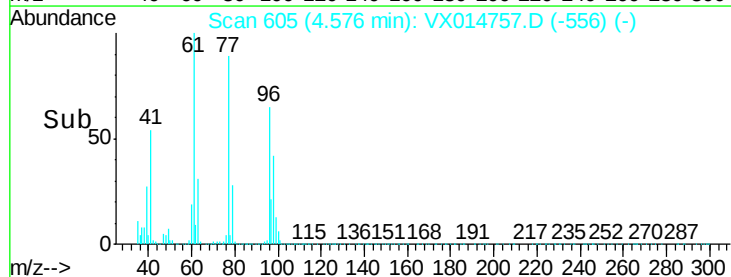
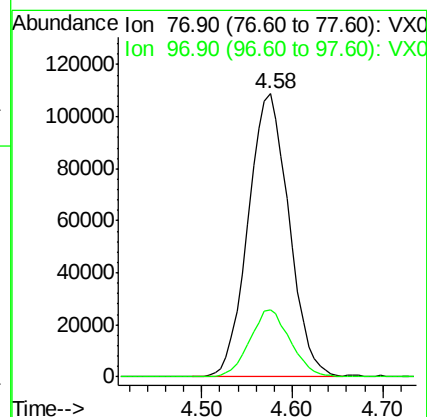
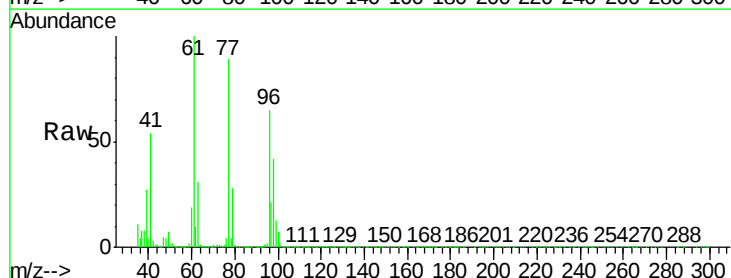
Acq: 28 Jan 2020 17:49

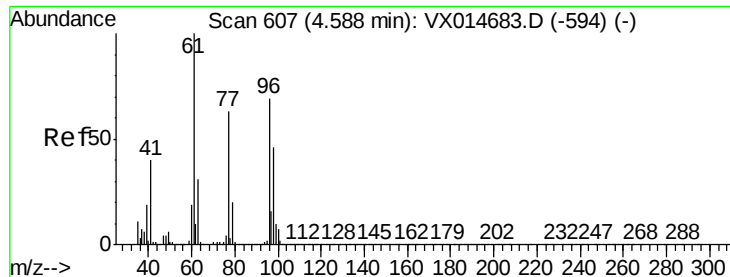
Tgt Ion: 77 Resp: 337630

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3





#27

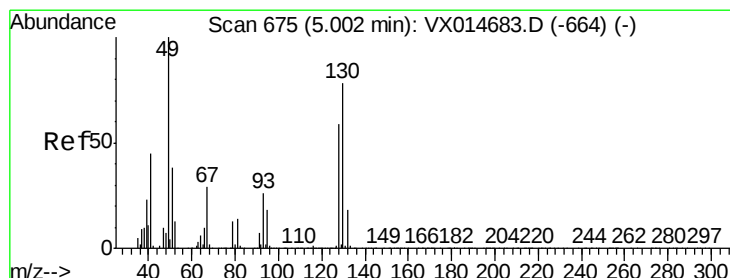
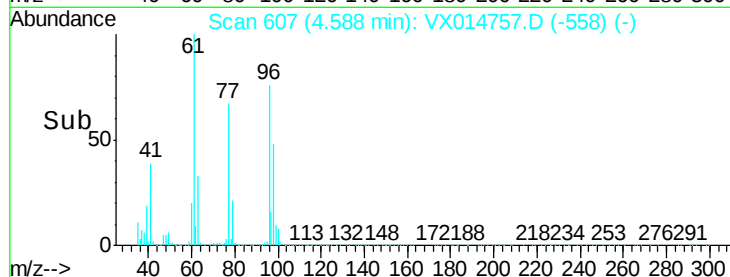
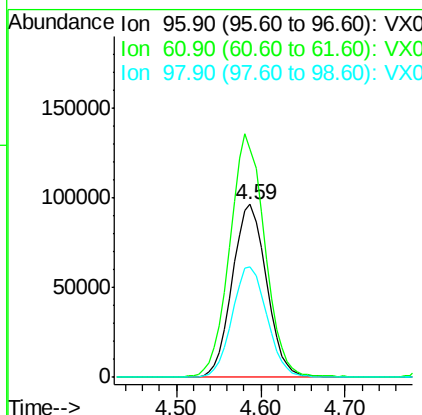
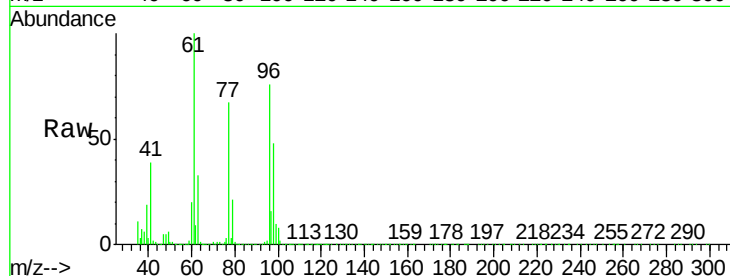
cis-1,2-Dichloroethene
Concen: 49.279 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	265205		
61	144.3	0.0	291.0	
98	65.5	0.0	129.8	

Manual Integrations
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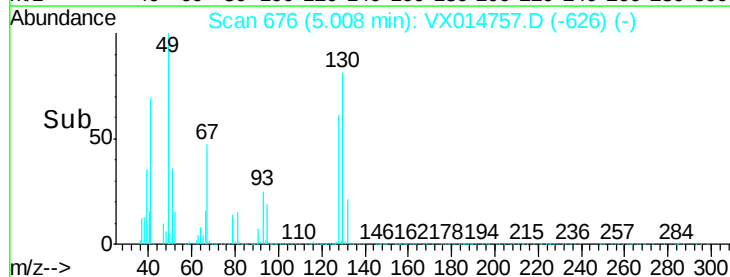
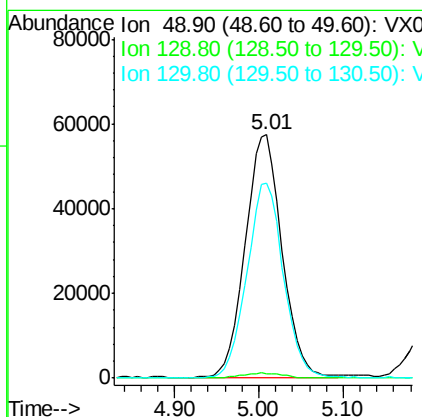
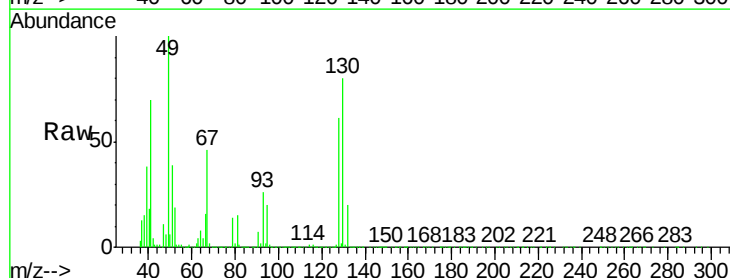
MMDadoda
1/29/2020 10:55:23 AM

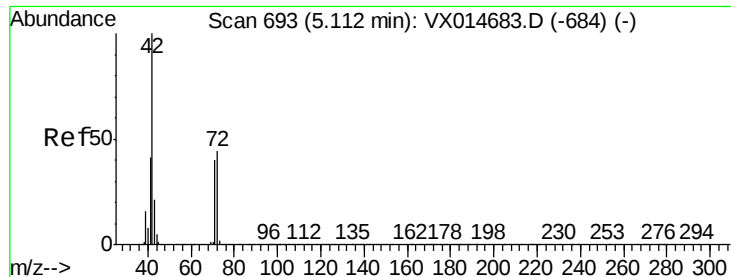


#28

Bromochloromethane
Concen: 46.047 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	171620		
129	2.4	0.0	4.8	
130	80.0	62.4	93.6	





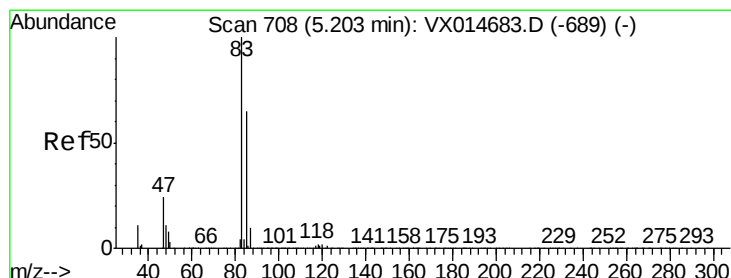
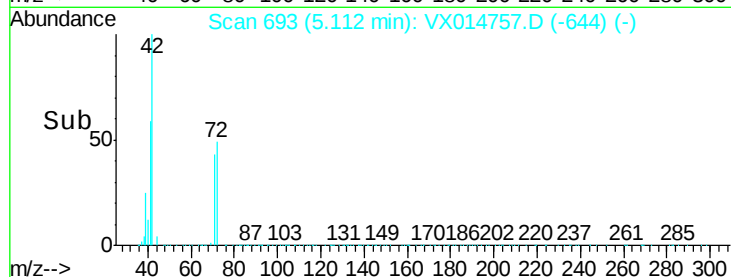
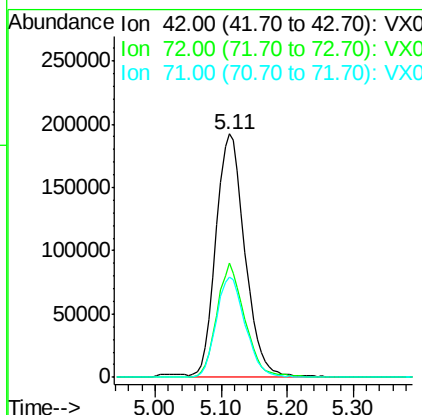
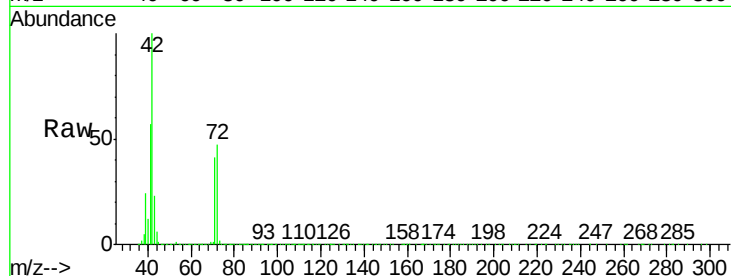
#29
Tetrahydrofuran
Concen: 243.222 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.3	52.9
71	41.3	33.1	49.7

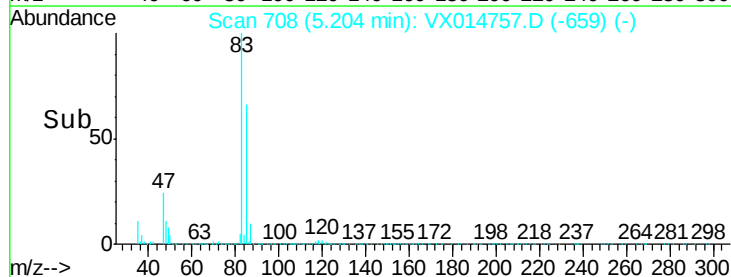
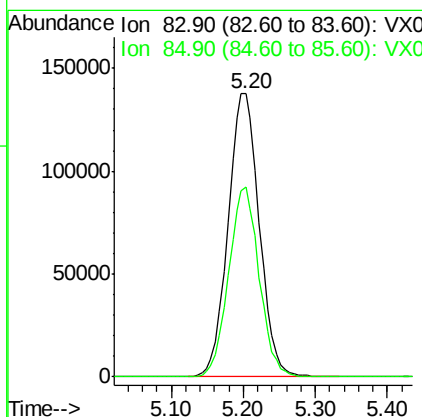
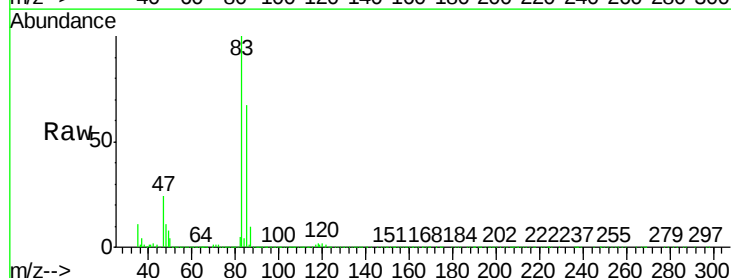
Manual Integrations
APPROVED

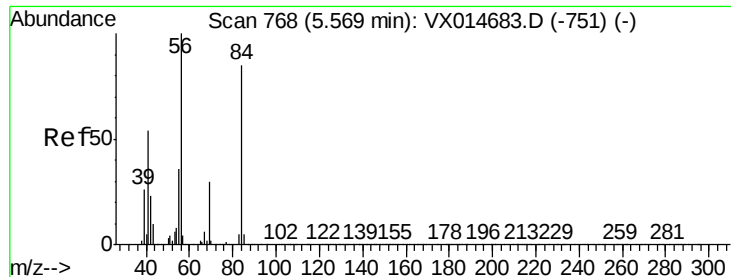
MMDadoda
1/29/2020 10:55:23 AM



#30
Chloroform
Concen: 49.276 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.7	77.5





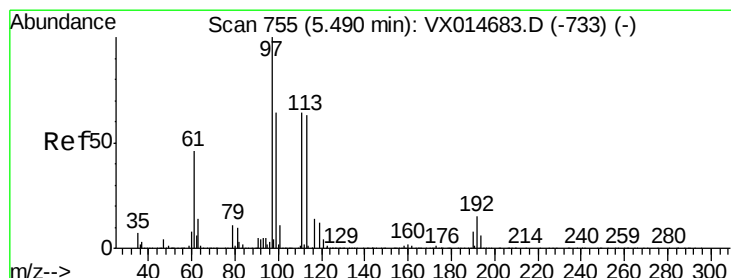
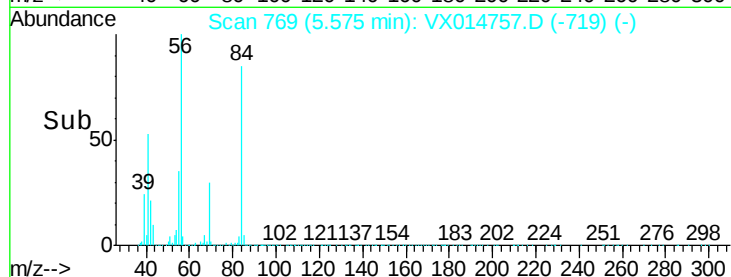
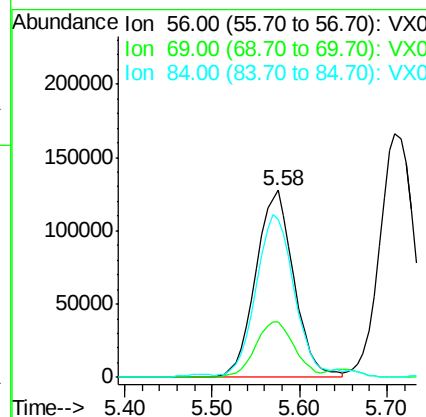
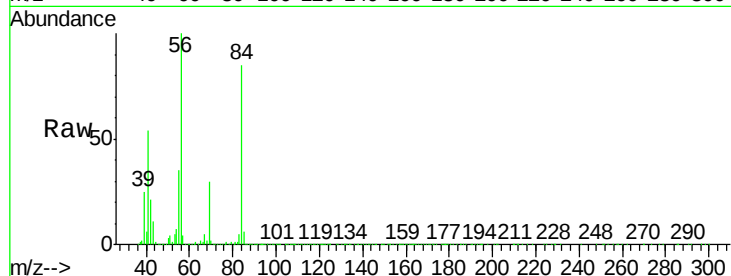
#31
Cyclohexane
Concen: 48.529 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.4	35.2
84	83.1	68.4	102.6

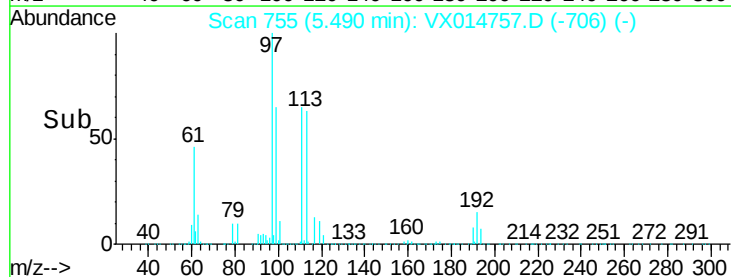
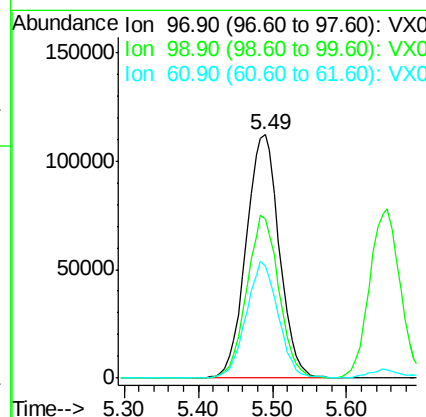
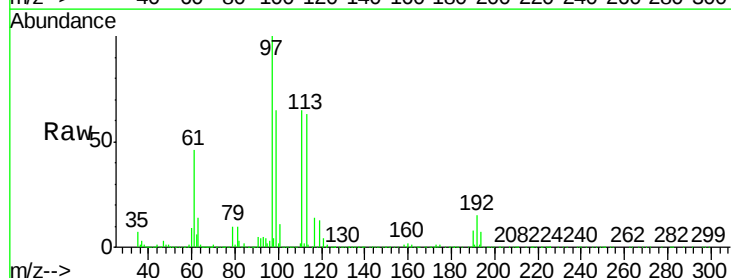
Manual Integrations
APPROVED

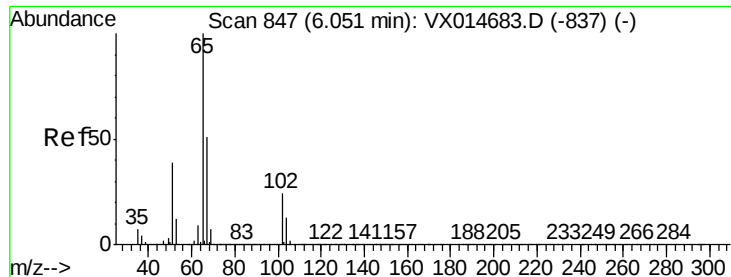
MMDadoda
1/29/2020 10:55:23 AM



#32
1,1,1-Trichloroethane
Concen: 49.191 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.3	78.5
61	46.2	37.2	55.8





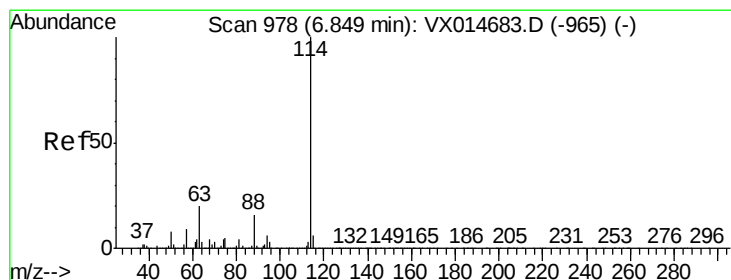
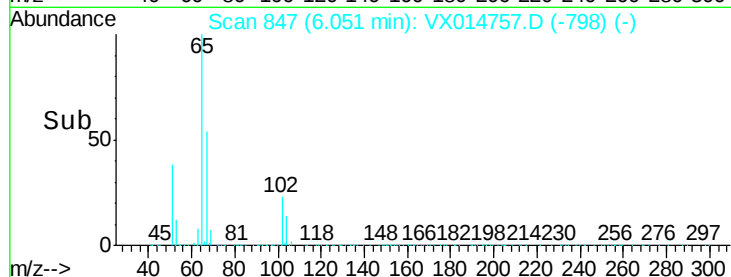
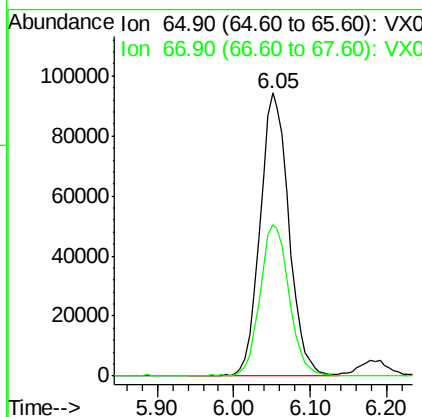
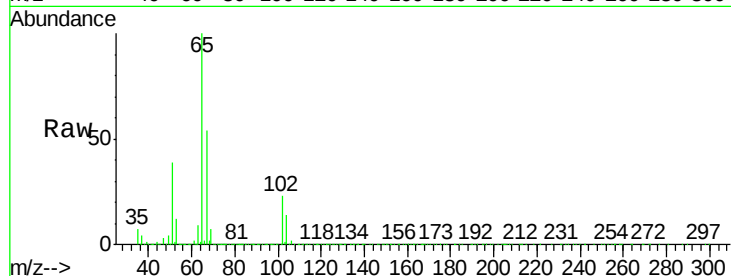
#33
 1,2-Dichloroethane-d4
 Concen: 48.025 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	246378		
67	53.7	0.0	107.4	

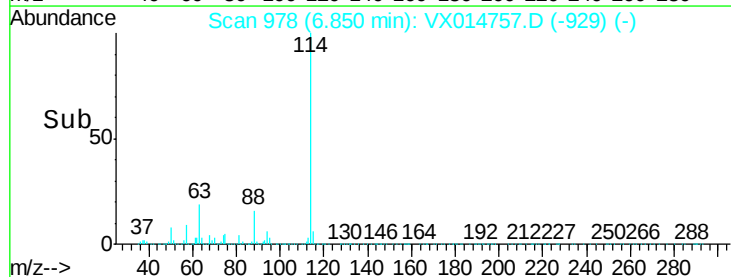
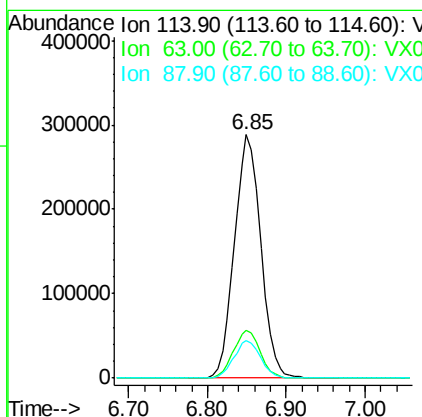
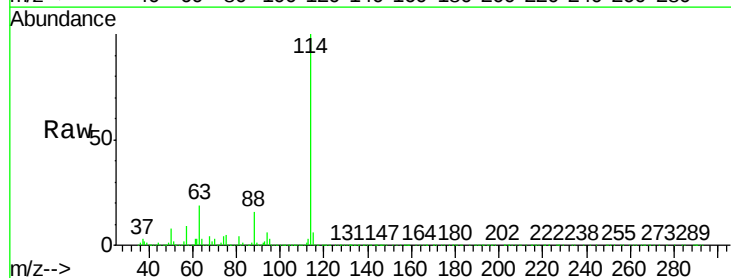
Manual Integrations
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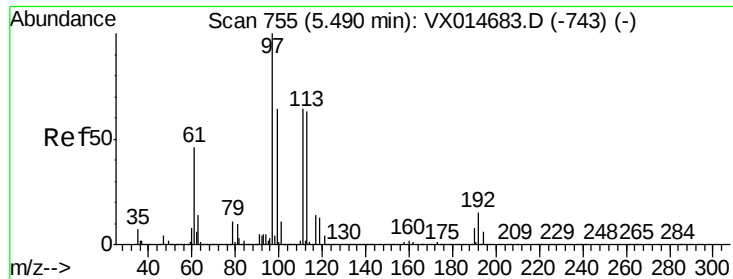
MMDadoda
 1/29/2020 10:55:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	671847		
63	19.4	0.0	40.6	
88	15.5	0.0	31.2	





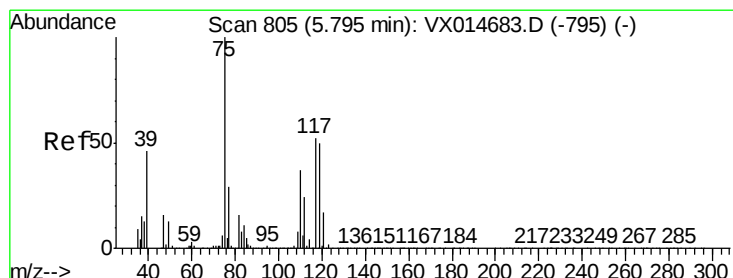
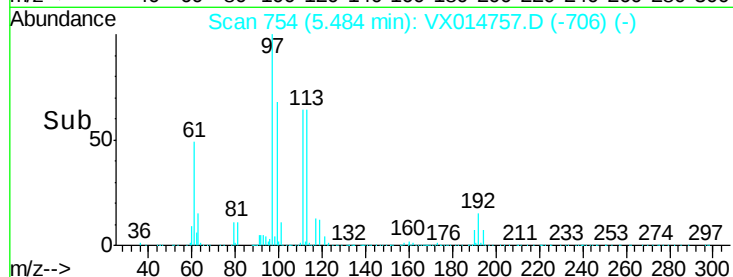
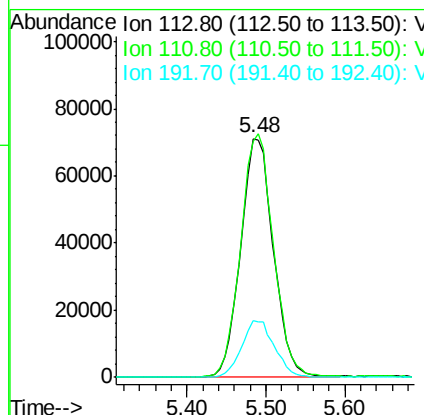
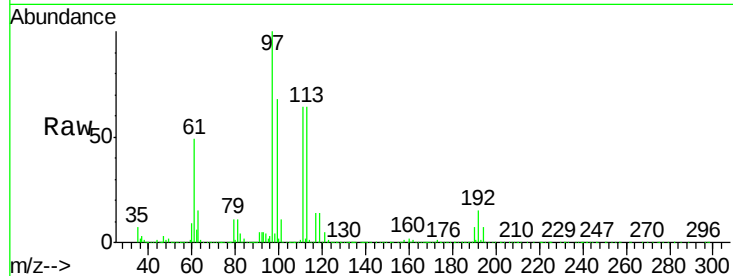
#35
Dibromofluoromethane
Concen: 48.389 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.7	121.1
192	23.7	18.5	27.7

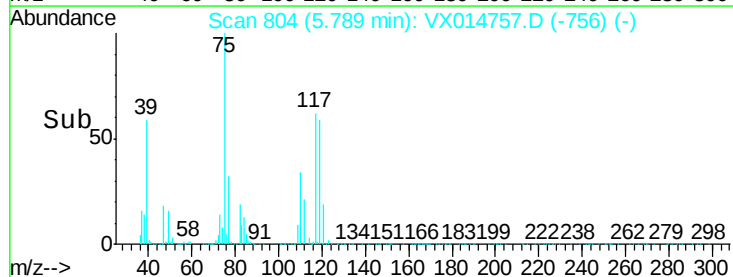
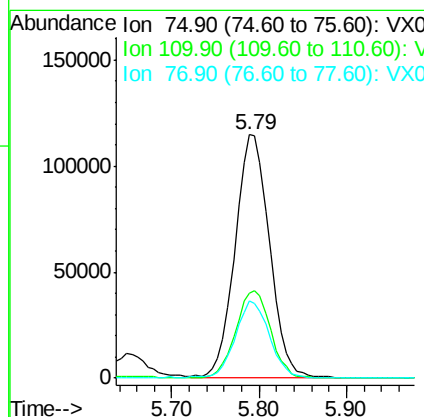
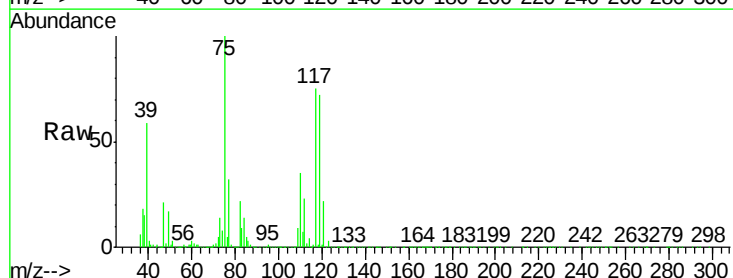
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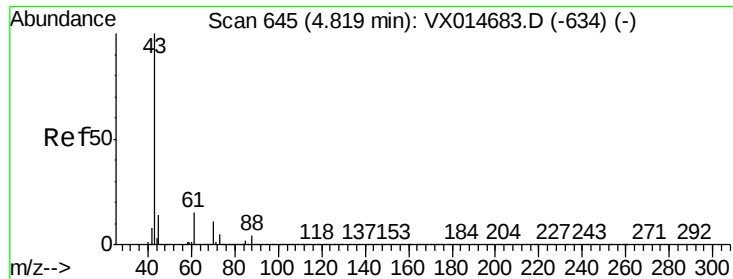
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#36
1,1-Dichloropropene
Concen: 50.172 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.9	53.7
77	31.2	24.1	36.1





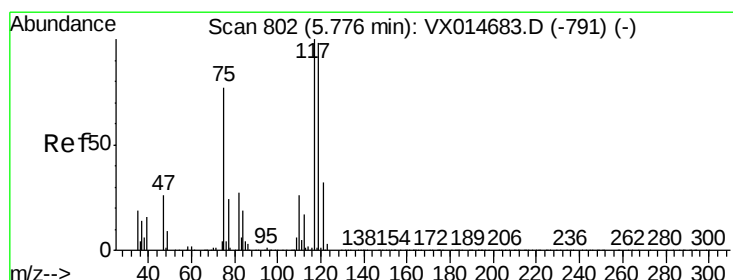
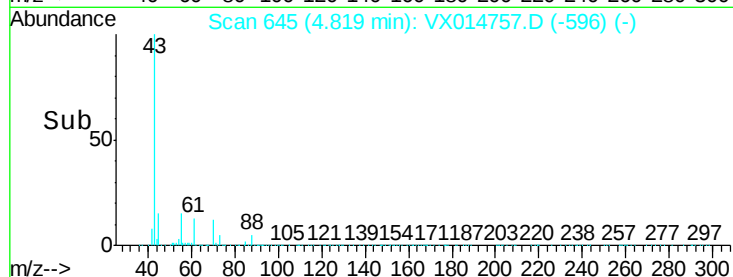
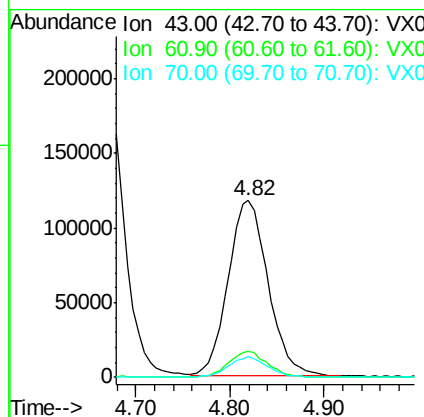
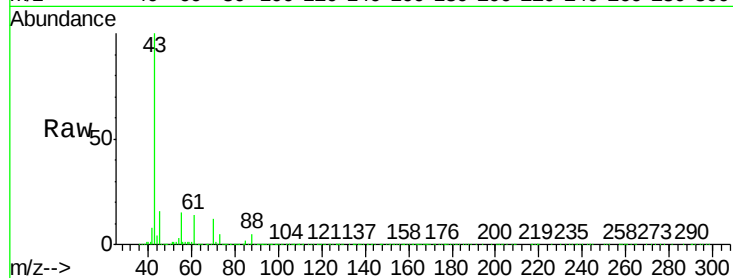
#37
Ethyl Acetate
Concen: 48.424 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	346234
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.0	16.4
70	11.2	8.5	12.7

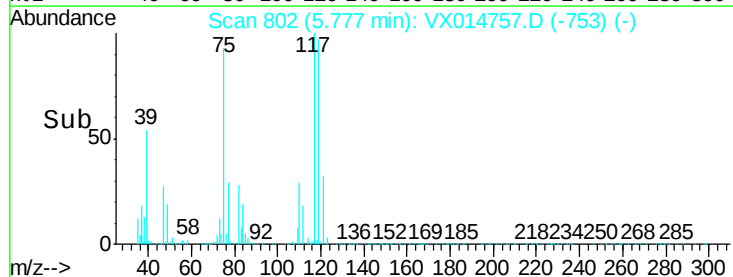
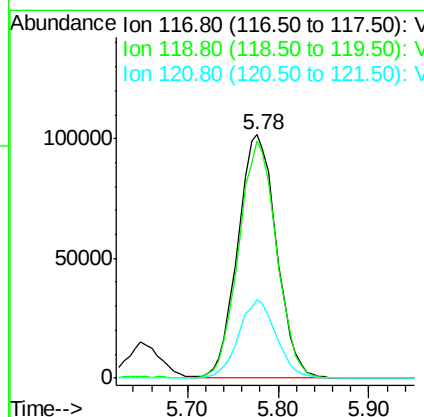
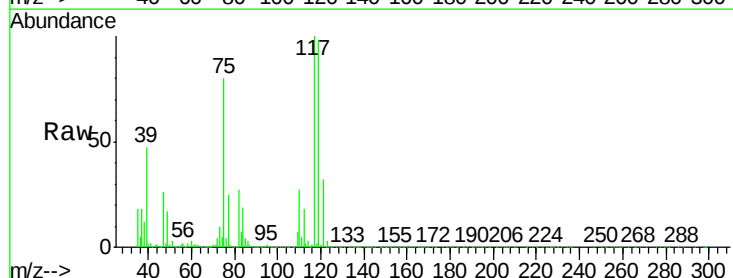
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 50.201 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	117	Resp	299305
Ion Ratio	Lower	Upper	
117	100		
119	97.6	77.9	116.9
121	32.4	25.4	38.2





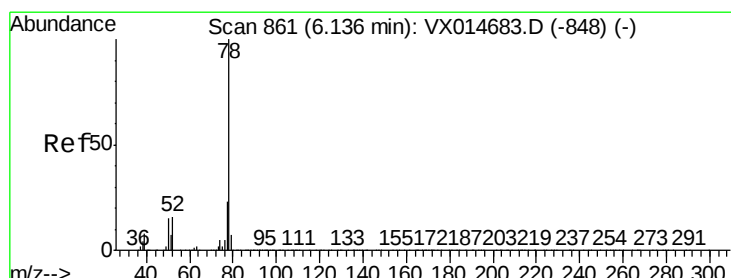
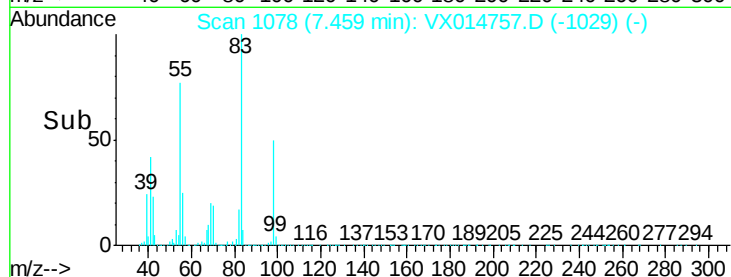
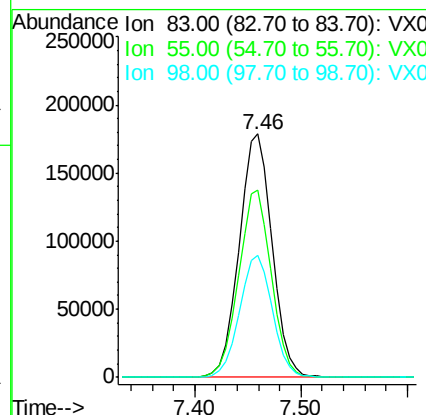
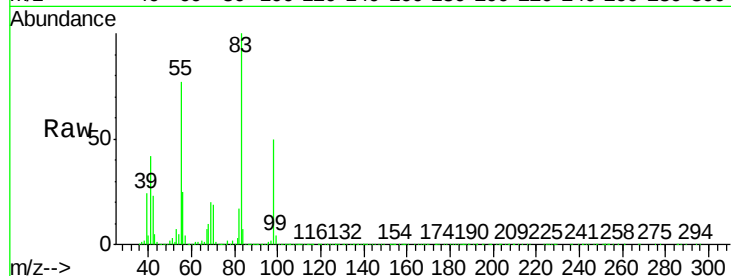
#39
Methvlcvclohexane
Concen: 49.490 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	65.6	98.4
98	50.0	40.2	60.4

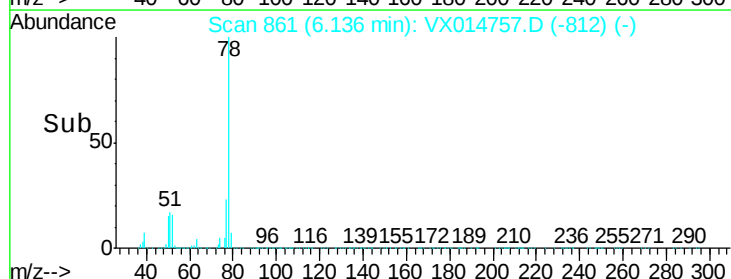
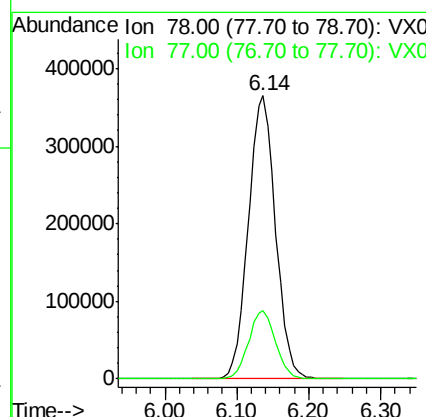
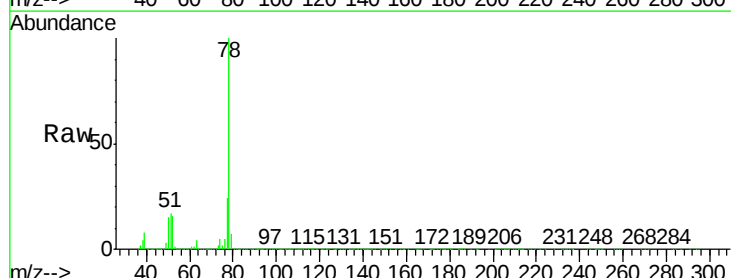
Manual Integrations
APPROVED

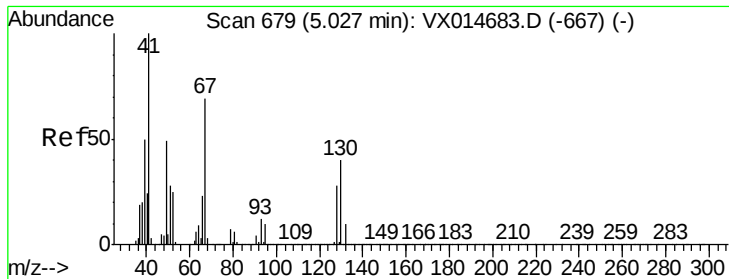
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#40
Benzene
Concen: 49.502 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1





#41

Methacrylonitrile

Concen: 48.290 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014757.D

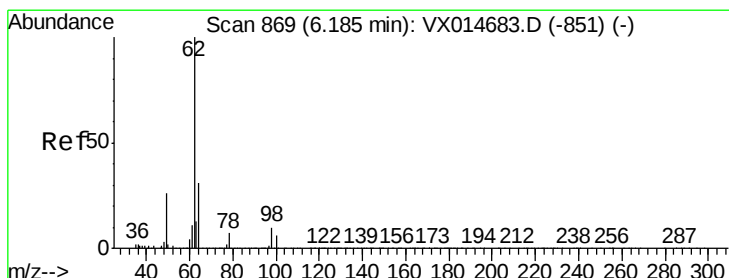
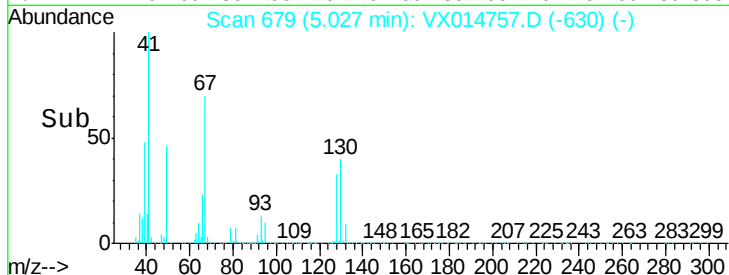
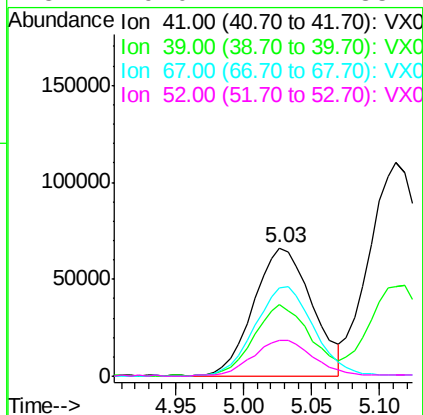
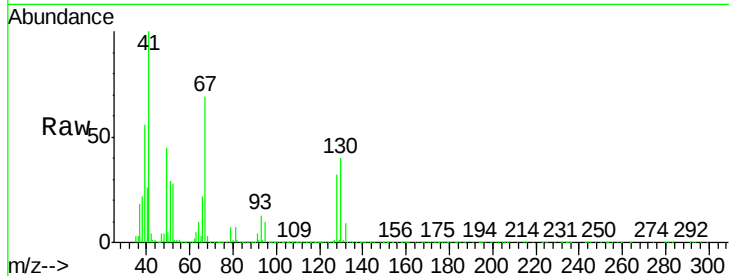
Acq: 28 Jan 2020 17:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		197017		
39	53.9	42.2	63.2		
67	70.9	55.4	83.0		
52	29.0	22.1	33.1		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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1/29/2020 10:55:23 AM



#42

1,2-Dichloroethane

Concen: 49.677 ug/l

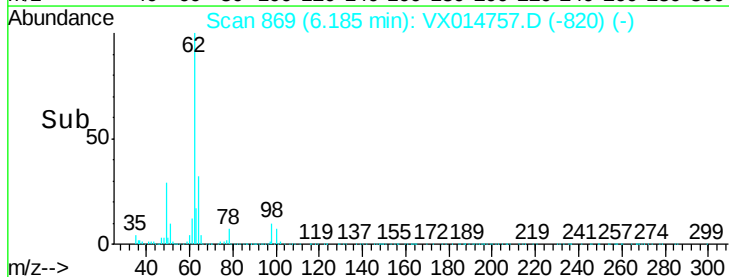
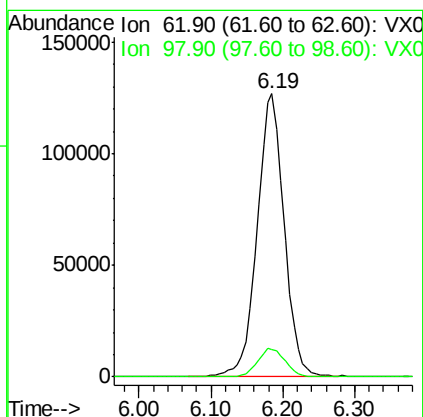
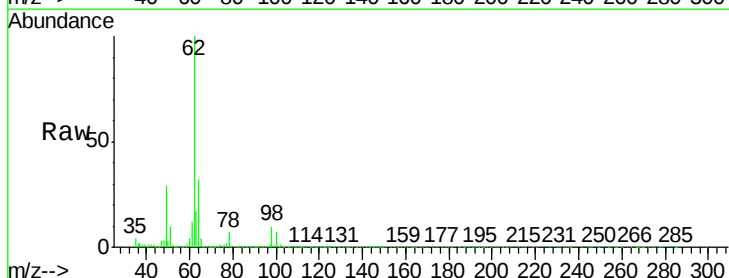
RT: 6.19 min Scan# 869

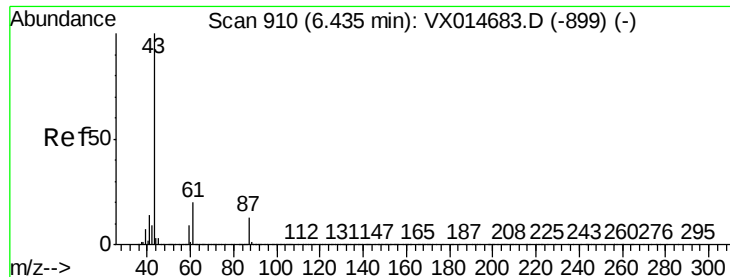
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		330893		
98	10.2	0.0	20.0		





#43

Isopropyl Acetate

Concen: 49.753 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

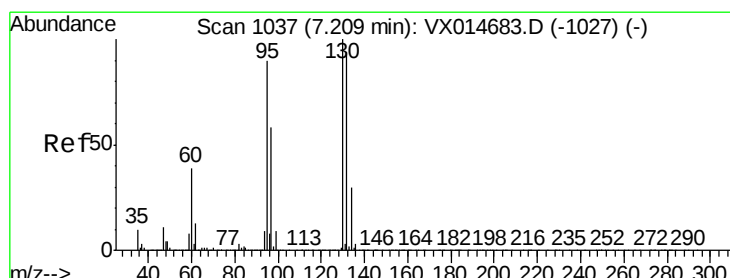
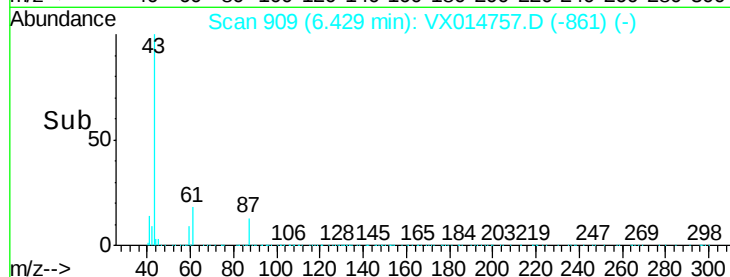
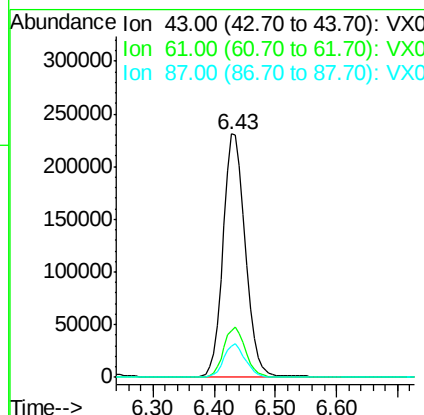
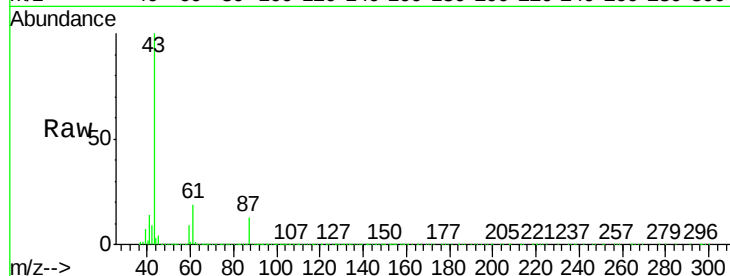
ClientSampleId :

VSTDCCC050EC

Tot Ion	43	Resp	582532
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.2	24.4
87	13.2	10.5	15.7

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#44

Trichloroethene

Concen: 47.855 ug/l

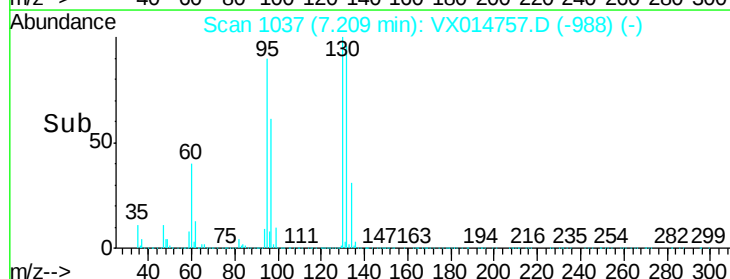
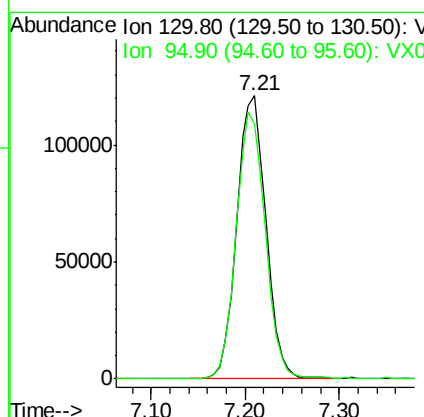
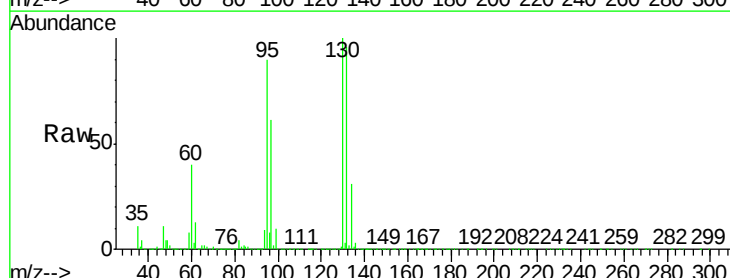
RT: 7.21 min Scan# 1037

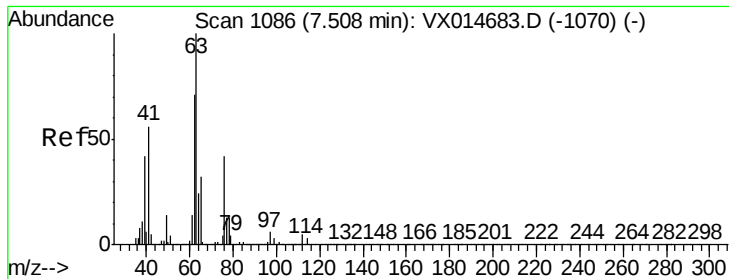
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion	130	Resp	260737
Ion Ratio	Lower	Upper	
130	100		
95	90.2	0.0	179.8





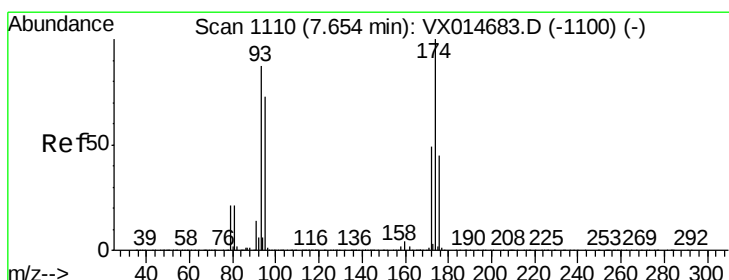
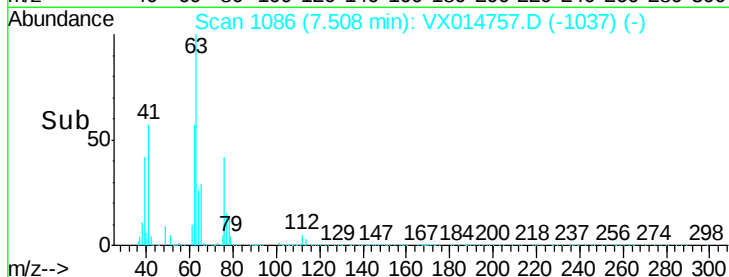
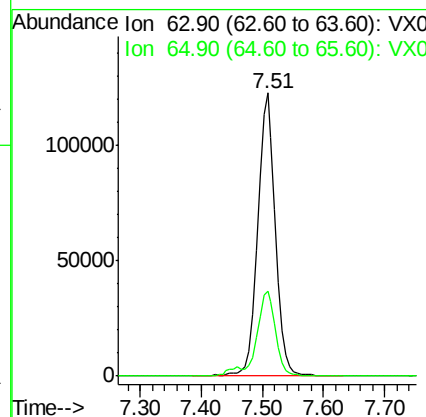
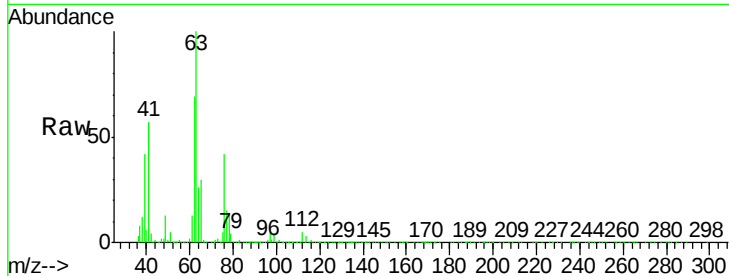
#45
 1,2-Dichloropropane
 Concen: 50.496 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	25.2	37.8

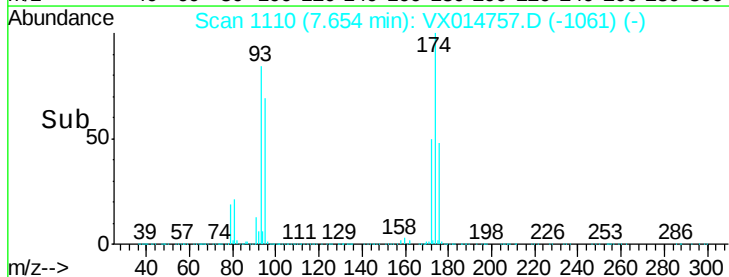
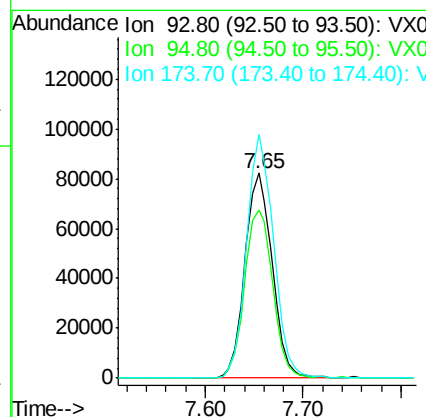
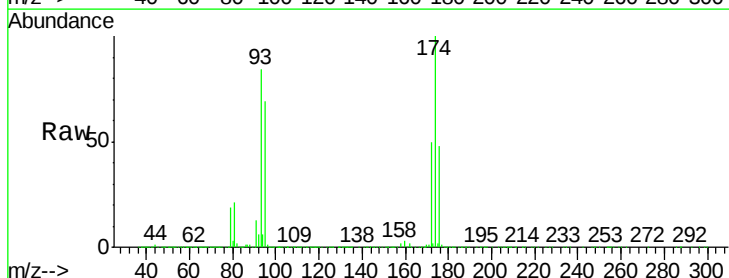
Manual Integrations
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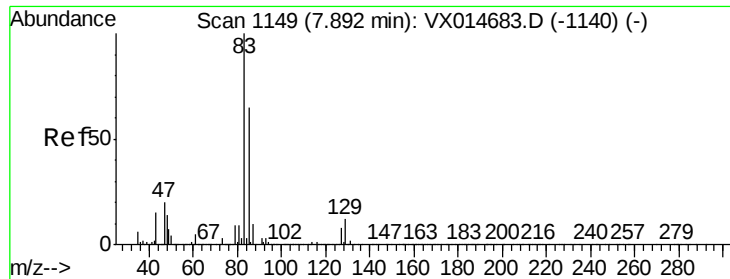
MMDadoda
 1/29/2020 10:55:23 AM



#46
 Dibromomethane
 Concen: 49.828 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.0	100.4
174	116.5	90.2	135.2





#47

Bromodichloromethane

Concen: 50.796 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

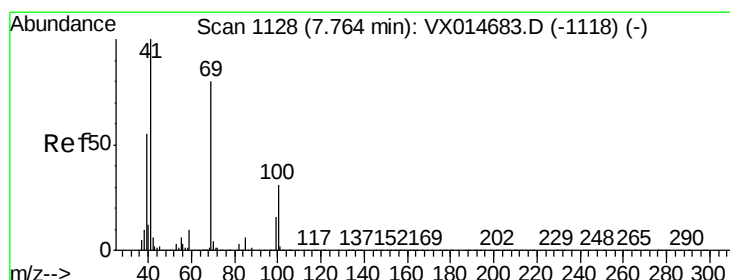
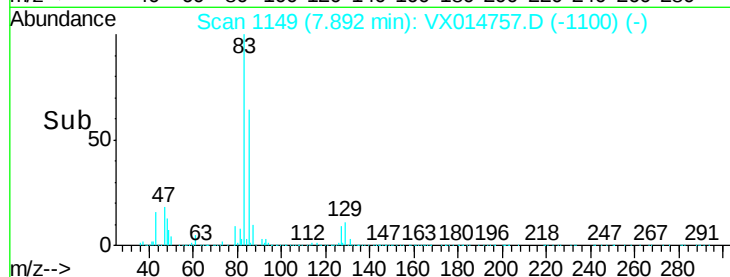
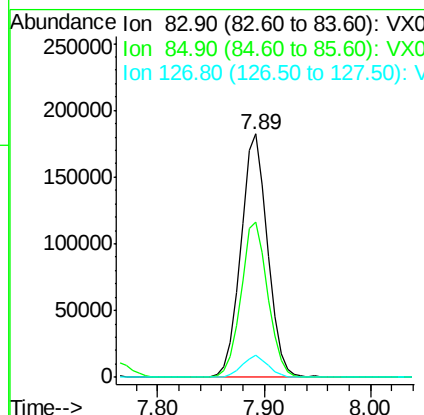
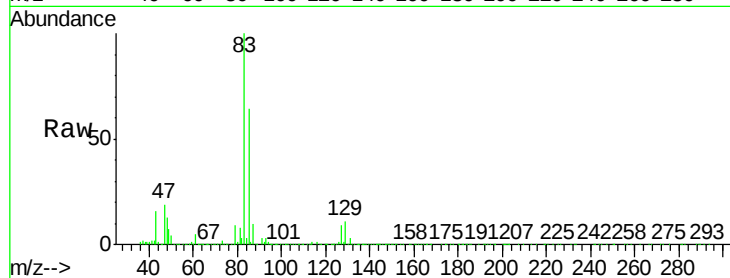
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	320638
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.2	78.2
127	9.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.149 ug/l

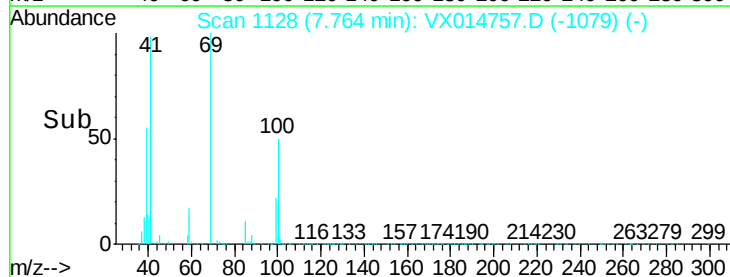
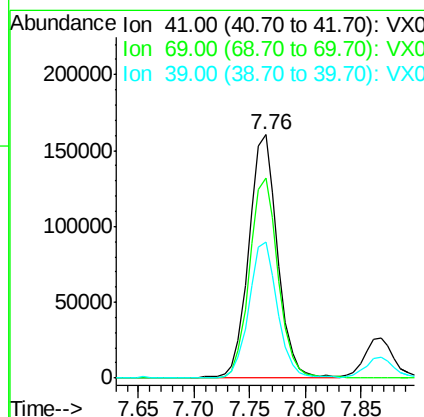
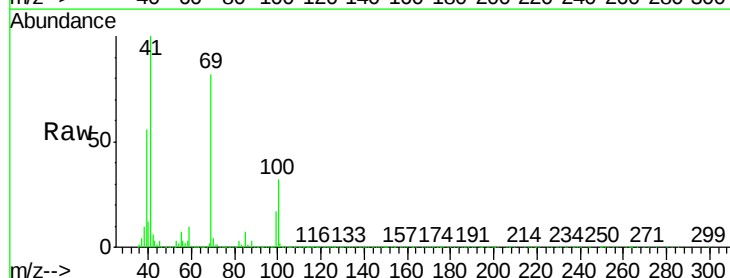
RT: 7.76 min Scan# 1128

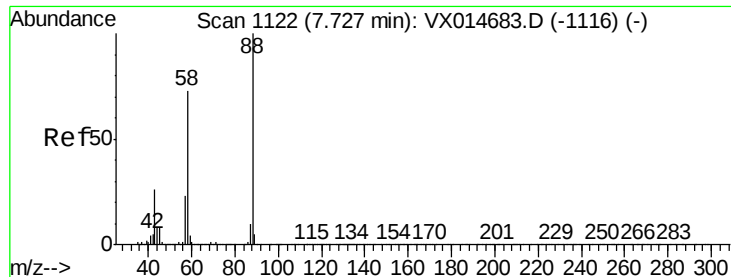
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion:	41	Resp:	286144
Ion Ratio	Lower	Upper	
41	100		
69	82.3	63.5	95.3
39	55.2	43.7	65.5





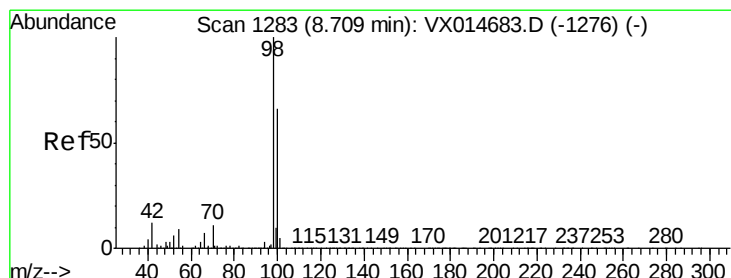
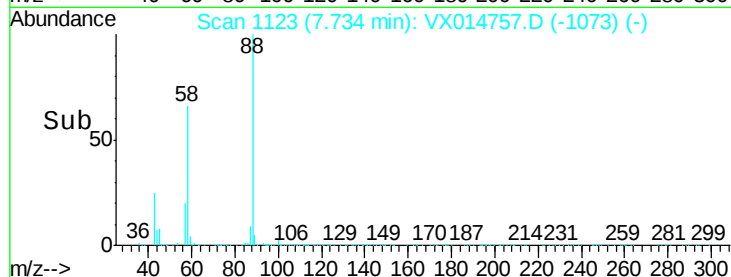
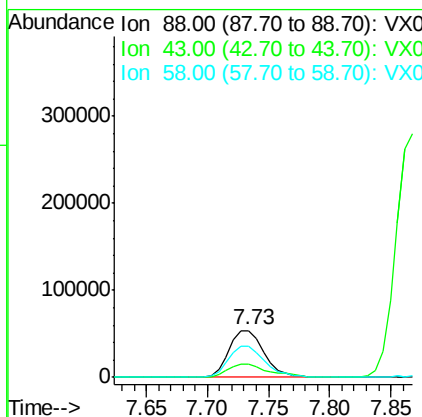
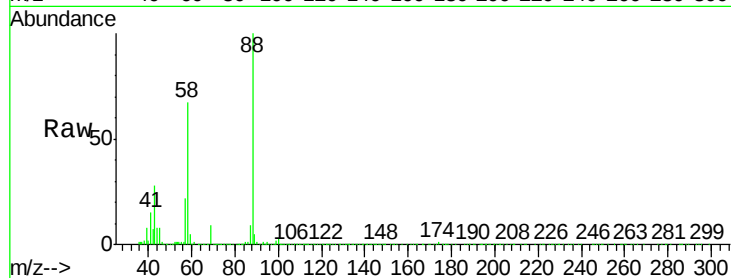
#49
1,4-Dioxane
Concen: 894.304 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.2	39.2
58	70.1	56.6	85.0

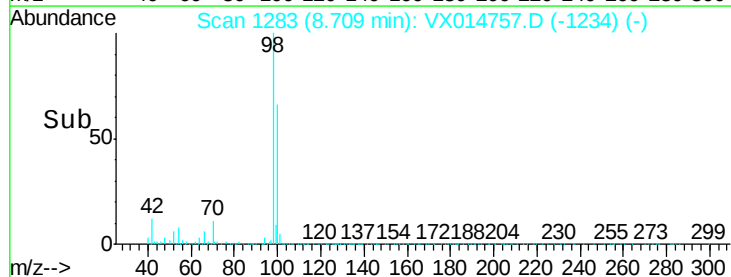
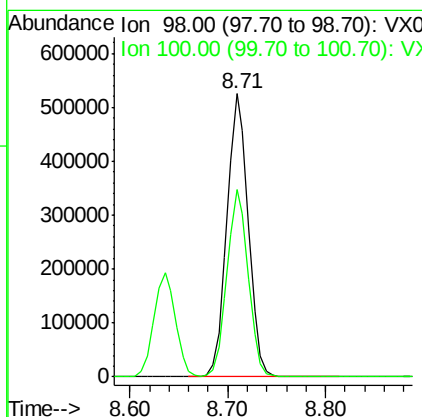
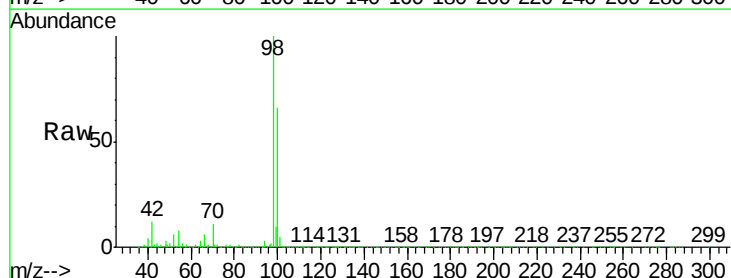
Manual Integrations
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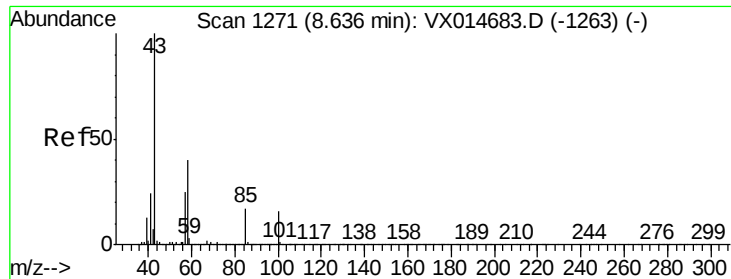
MMDadoda
1/29/2020 10:55:23 AM



#50
Toluene-d8
Concen: 48.682 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 245.322 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1812904

Ion Ratio Lower Upper

43 100

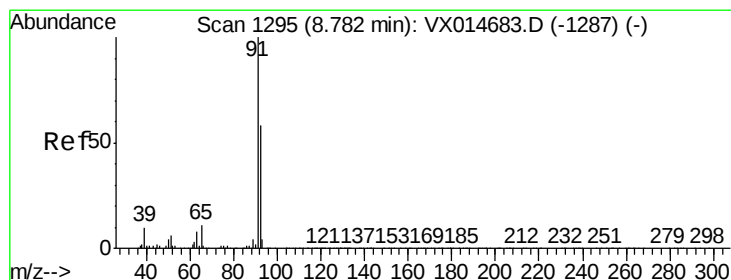
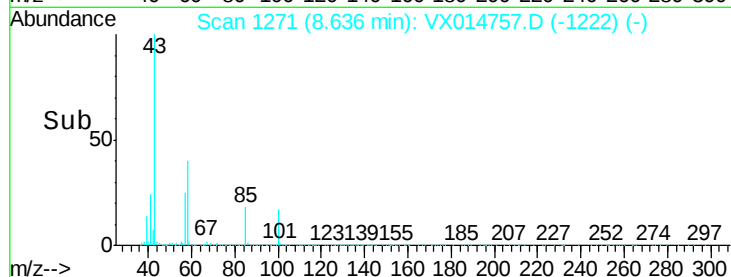
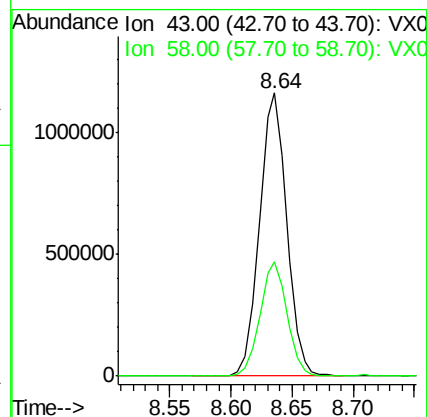
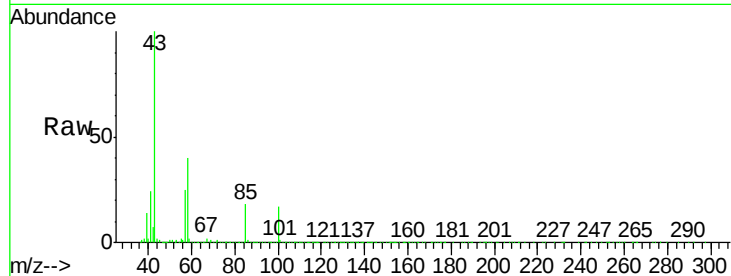
58 39.9 31.6 47.4

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#52

Toluene

Concen: 51.043 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014757.D

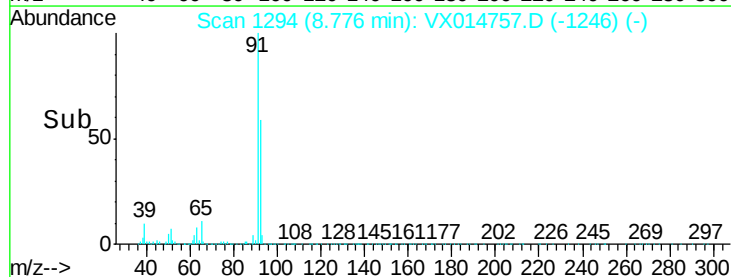
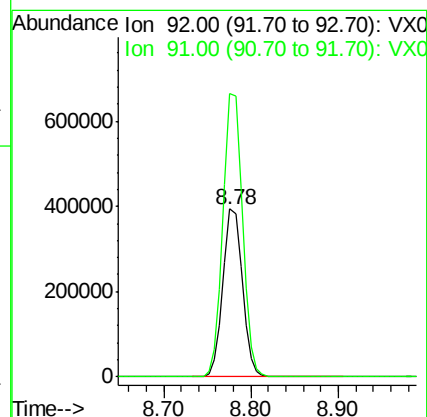
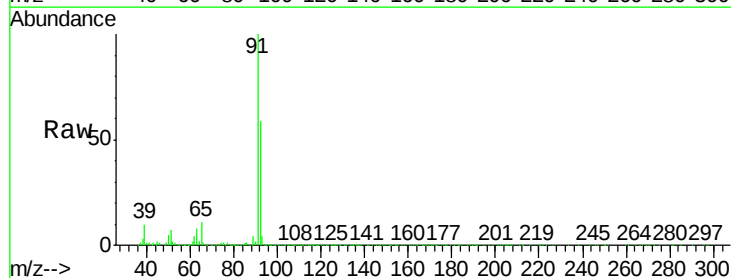
Acq: 28 Jan 2020 17:49

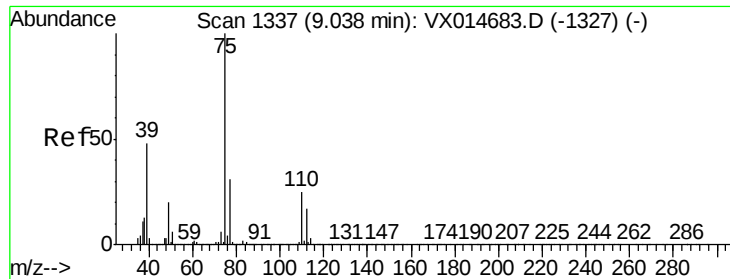
Tgt Ion: 92 Resp: 605213

Ion Ratio Lower Upper

92 100

91 170.3 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 52.881 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 359427

Ion Ratio Lower Upper

75 100

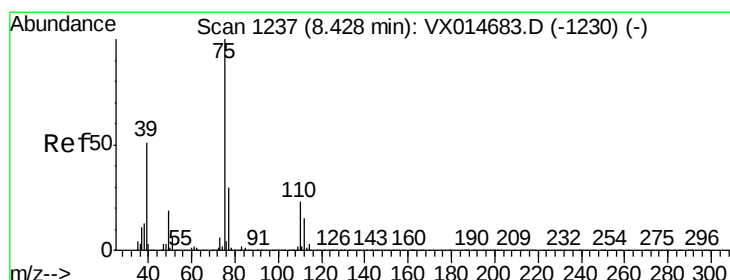
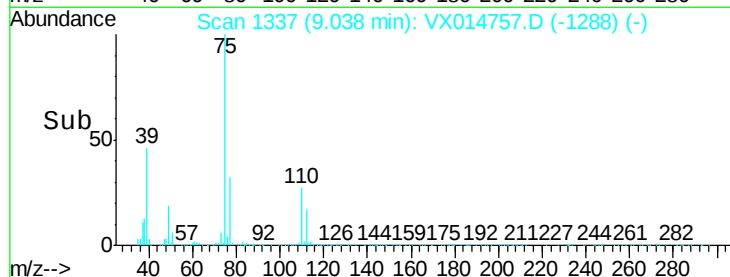
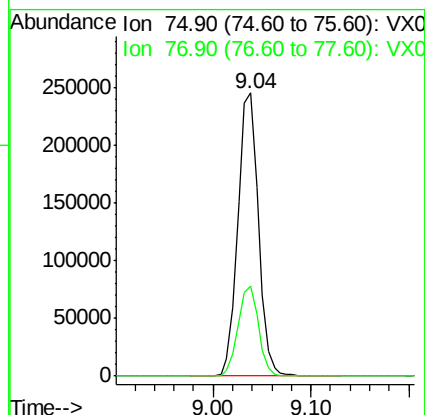
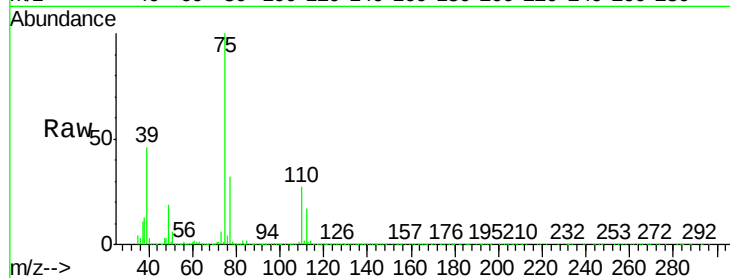
77 31.6 24.9 37.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.917 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

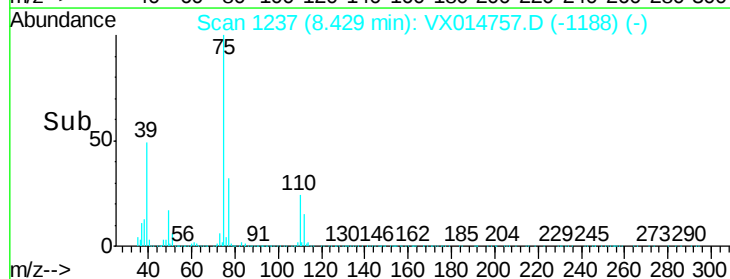
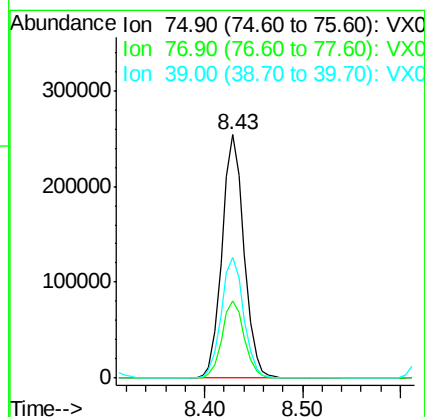
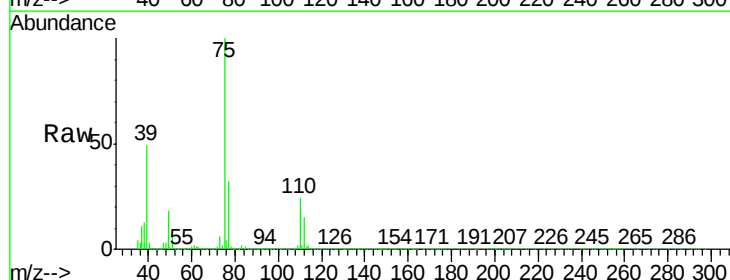
Tgt Ion: 75 Resp: 395670

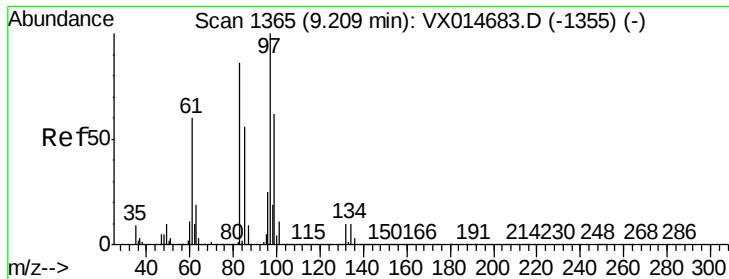
Ion Ratio Lower Upper

75 100

77 31.8 23.9 35.9

39 49.3 40.9 61.3





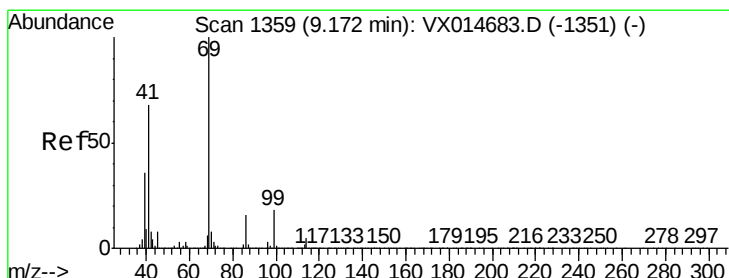
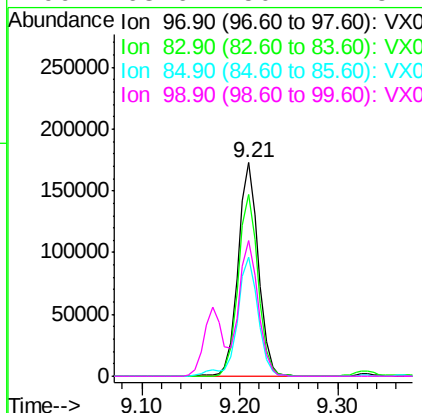
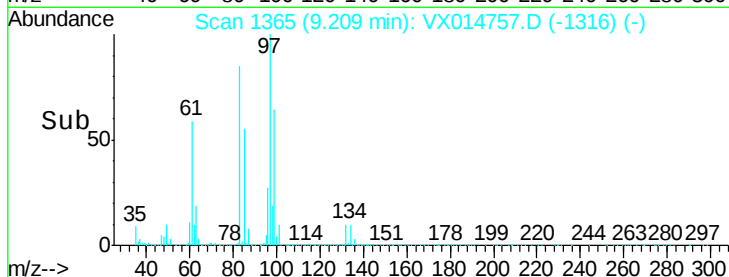
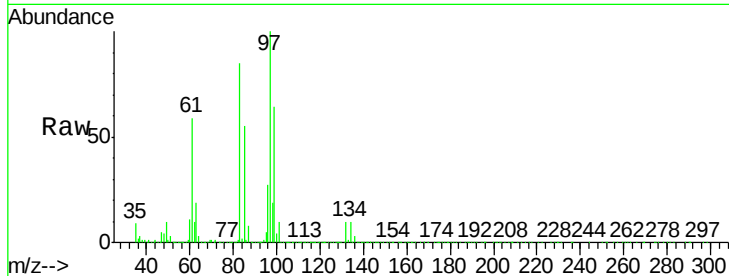
#55
 1,1,2-Trichloroethane
 Concen: 50.785 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		246539		
83	85.2	69.2	103.8		
85	55.5	44.6	67.0		
99	63.6	50.1	75.1		

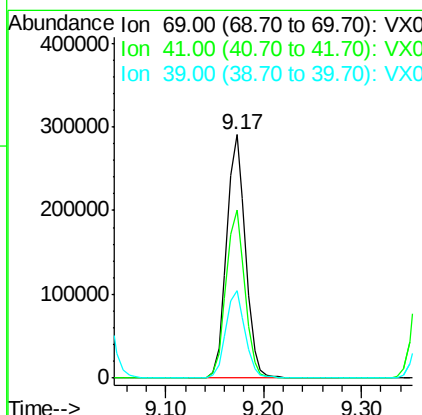
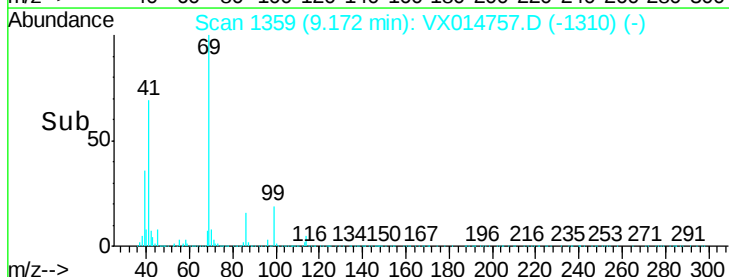
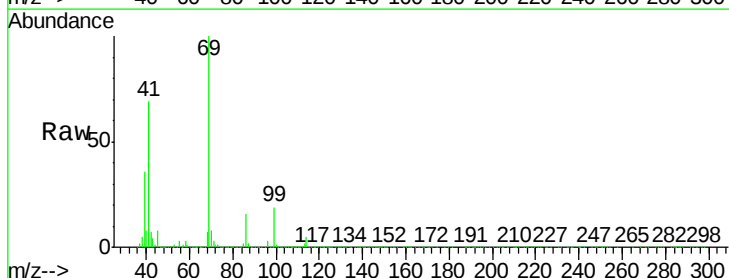
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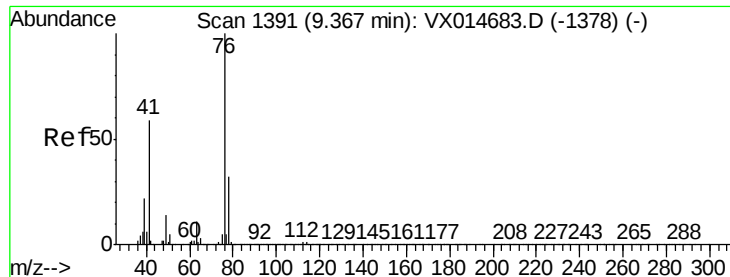
MMDadoda
 1/29/2020 10:55:23 AM



#56
 Ethyl methacrylate
 Concen: 47.393 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		389248		
41	69.1	54.9	82.3		
39	36.5	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 50.175 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 416387

Ion Ratio Lower Upper

76 100

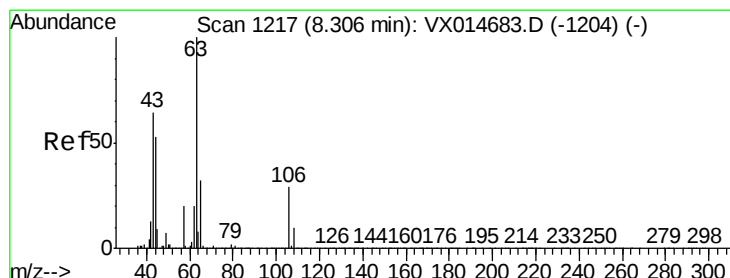
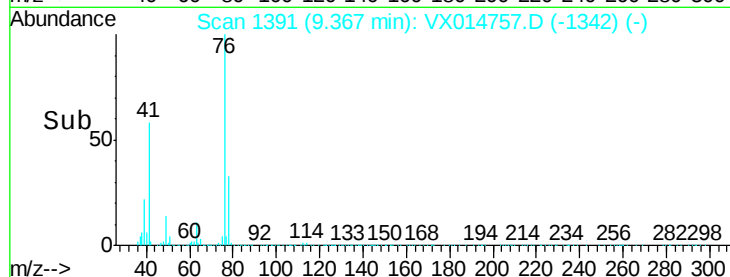
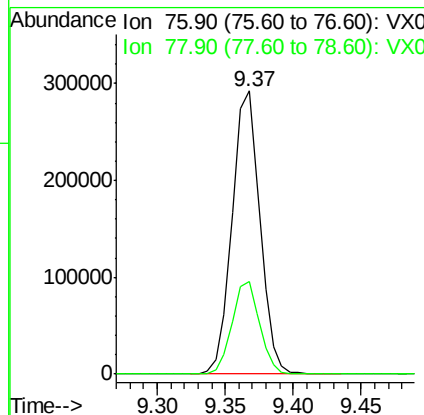
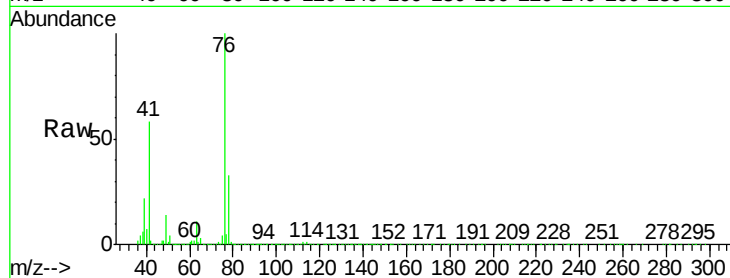
78 32.4 26.0 39.0

Manual Integrations

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MMDadoda

1/29/2020 10:55:23 AM



#58

2-Chloroethyl Vinyl ether

Concen: 258.083 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014757.D

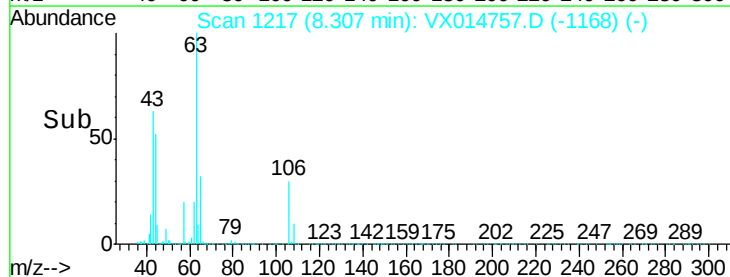
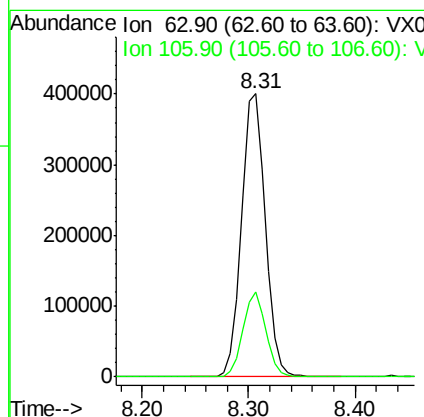
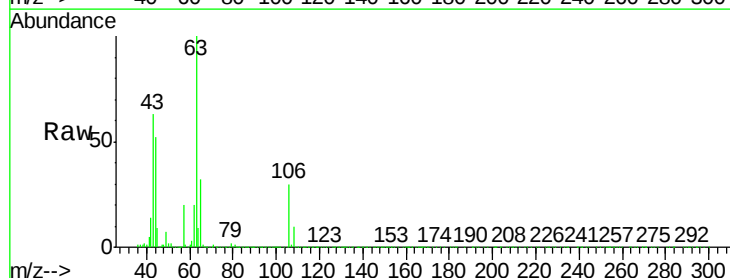
Acq: 28 Jan 2020 17:49

Tgt Ion: 63 Resp: 630081

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1





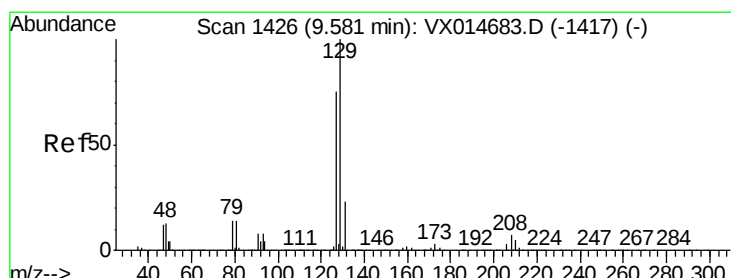
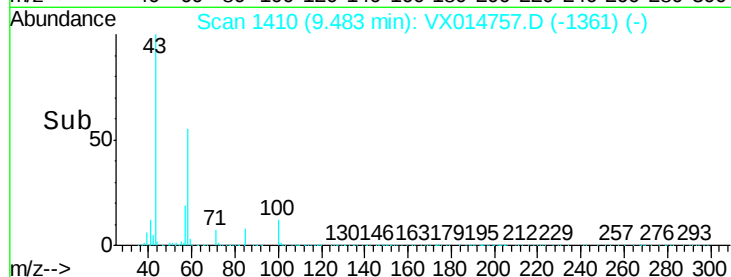
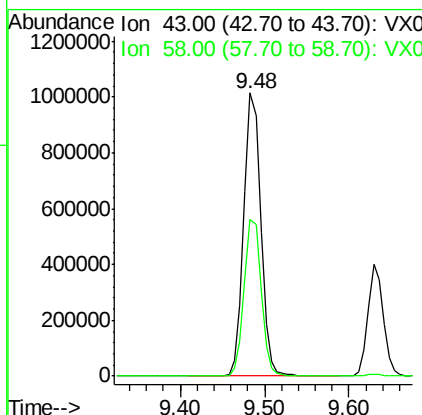
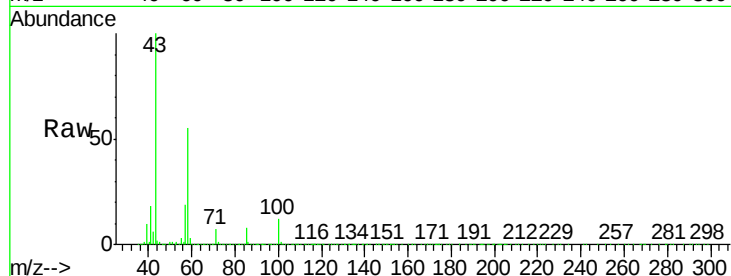
#59
2-Hexanone
Concen: 238.144 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1365623
Ion Ratio Lower Upper
43 100
58 55.7 27.2 81.5

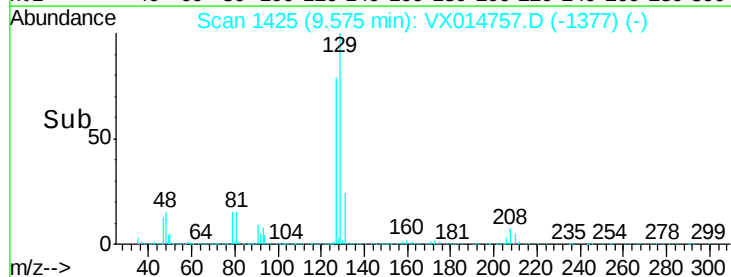
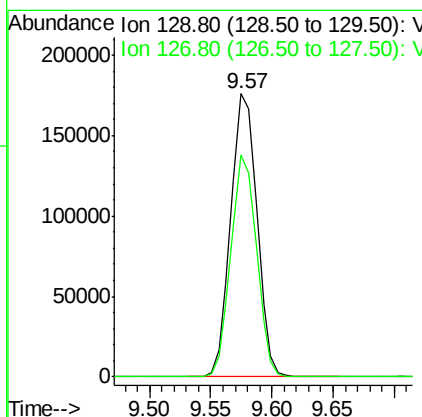
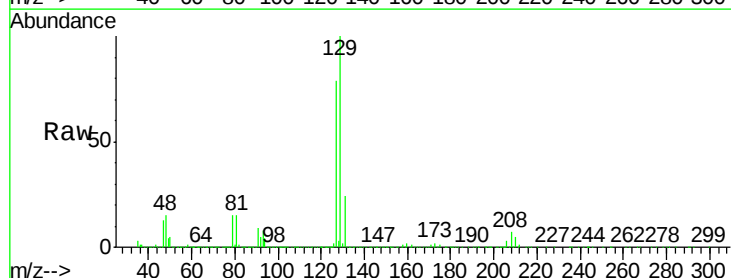
Manual Integrations
APPROVED

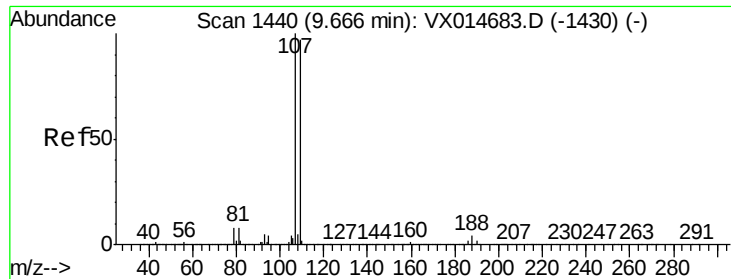
MMDadoda
1/29/2020 10:55:23 AM



#60
Dibromochloromethane
Concen: 51.511 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 129 Resp: 261012
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.316 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 258257

Ion Ratio Lower Upper

107 100

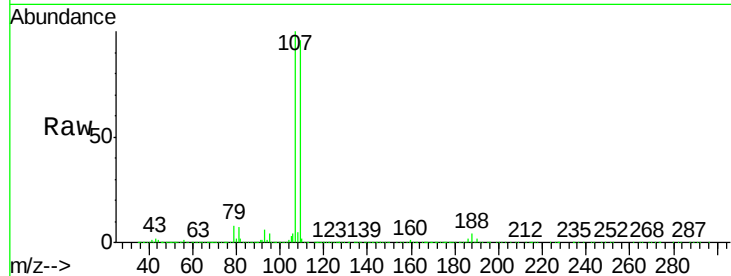
109 94.4 76.2 114.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

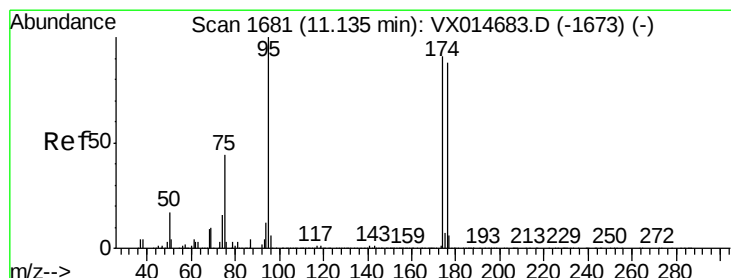
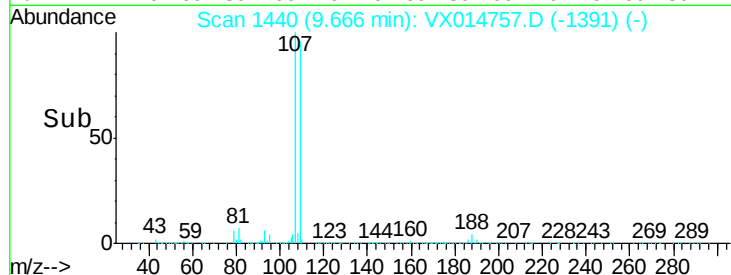
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.858 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

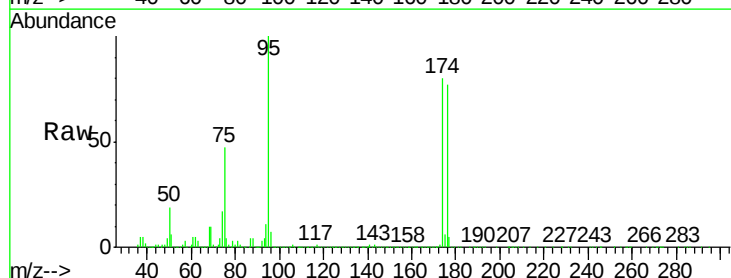
Tgt Ion: 95 Resp: 283649

Ion Ratio Lower Upper

95 100

174 88.4 0.0 176.0

176 86.7 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

300000

250000

200000

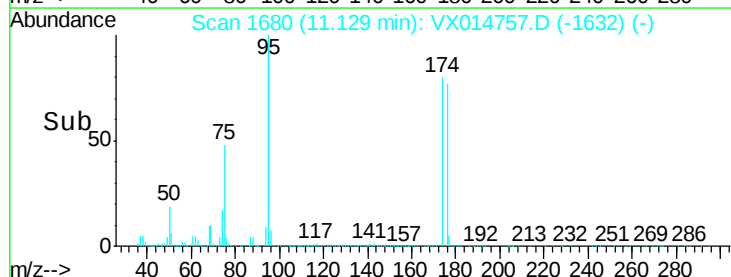
150000

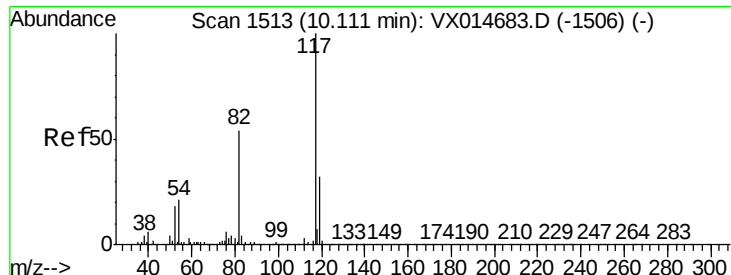
100000

50000

0

Time-->





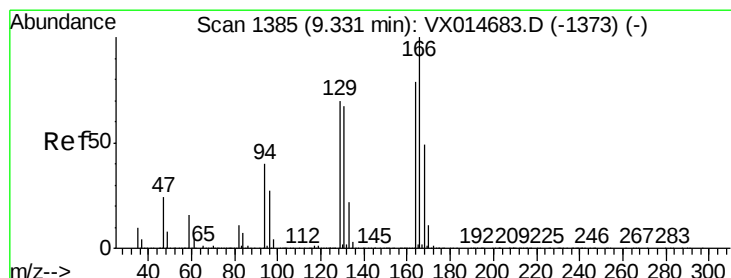
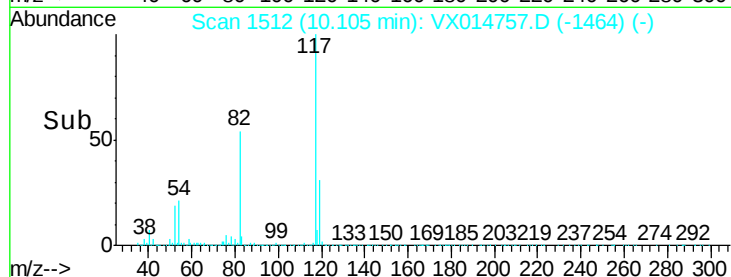
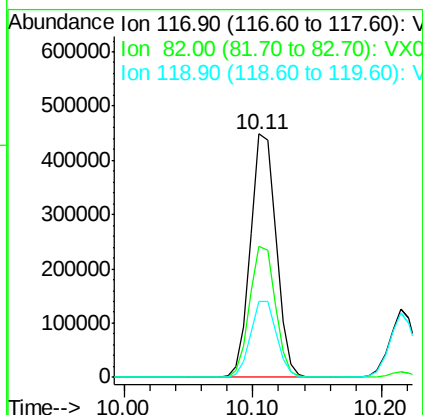
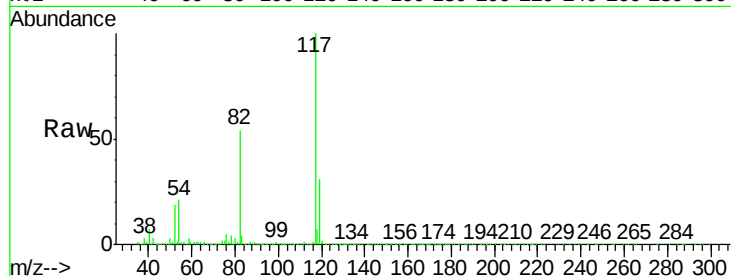
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.2	64.8
119	31.4	25.8	38.6

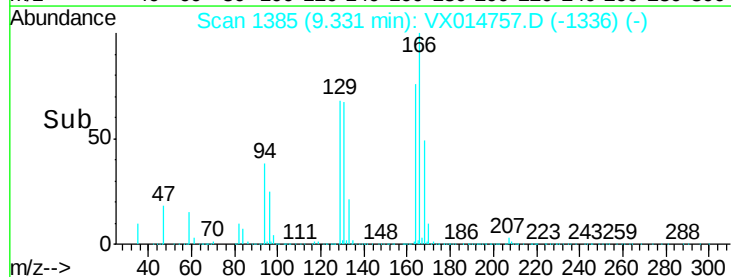
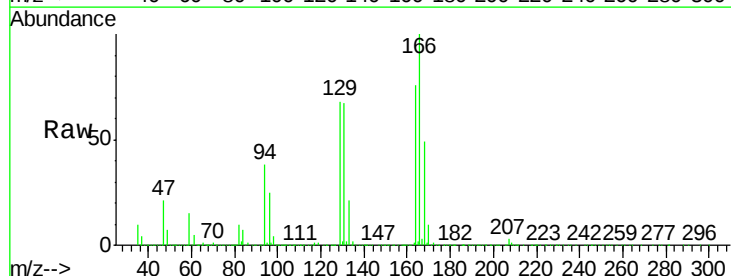
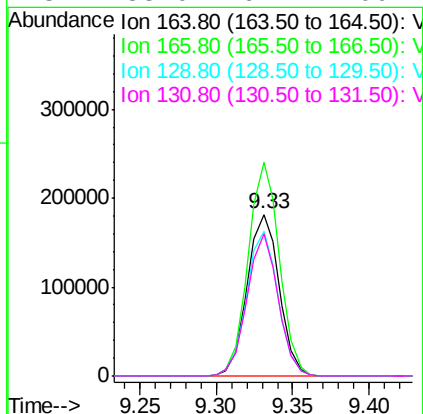
Manual Integrations
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#64
Tetrachloroethene
Concen: 43.572 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	100.9	151.3
129	89.3	71.0	106.6
131	88.0	67.1	100.7





#65

Chlorobenzene

Concen: 49.532 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 649089

Ion Ratio Lower Upper

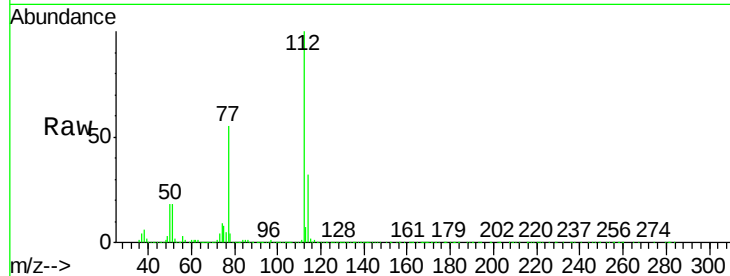
112 100

114 32.3 25.8 38.8

Manual Integrations
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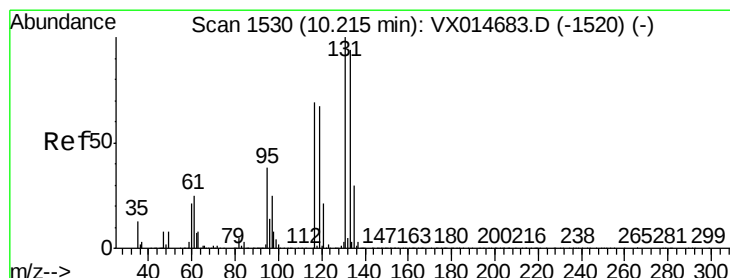
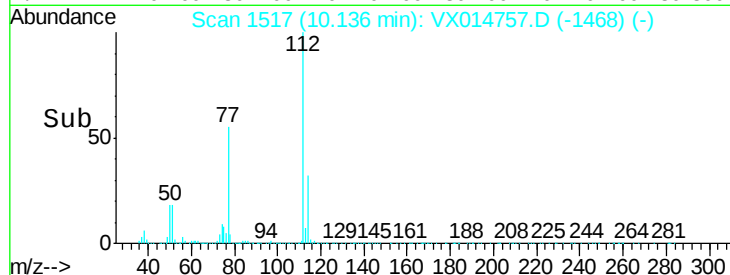
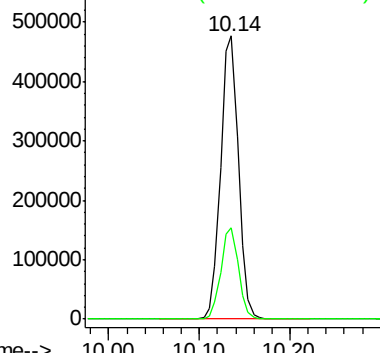
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.341 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

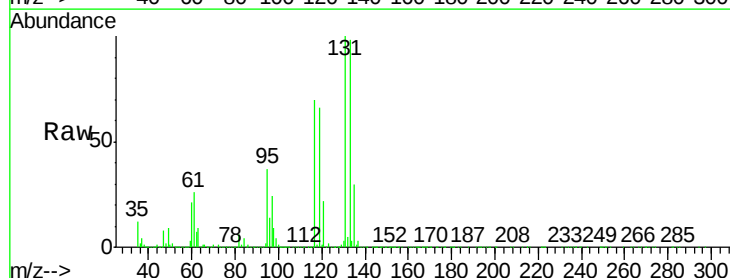
Tgt Ion:131 Resp: 243232

Ion Ratio Lower Upper

131 100

133 96.0 47.4 142.3

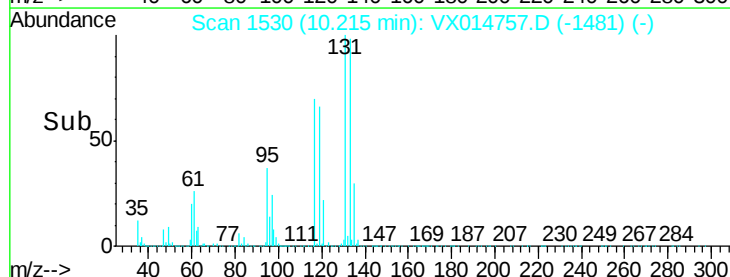
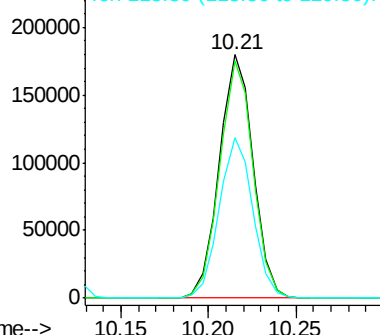
119 65.3 33.3 99.8

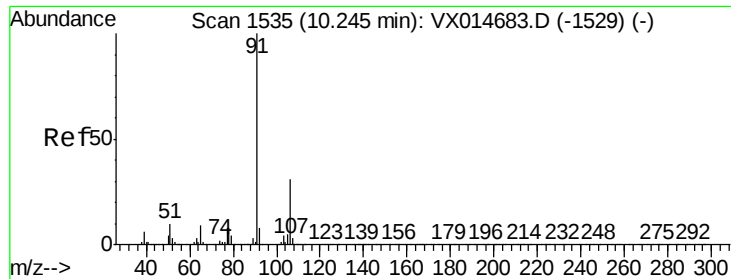


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





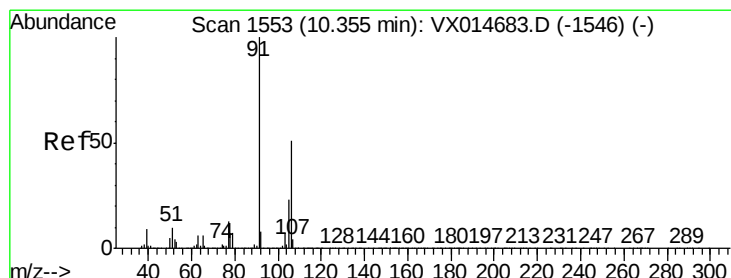
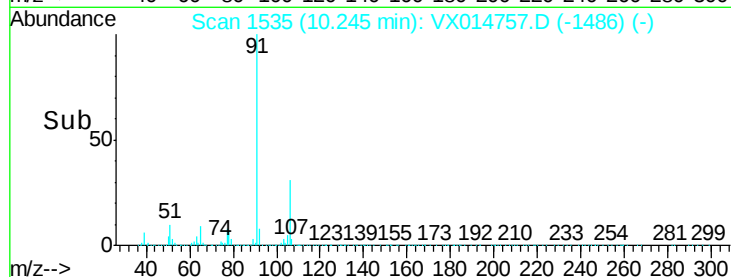
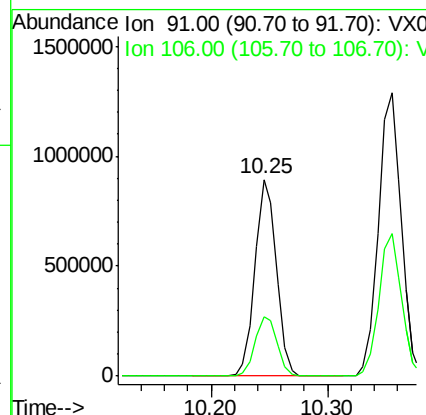
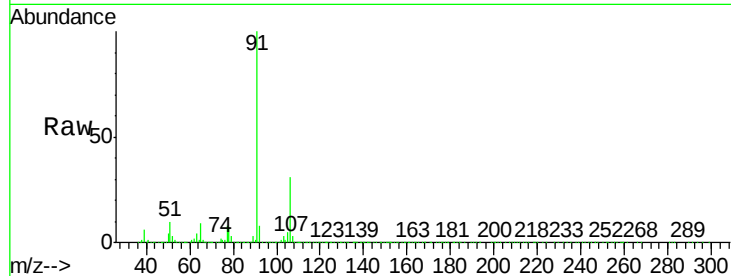
#67
Ethyl Benzene
Concen: 51.358 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1149190
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

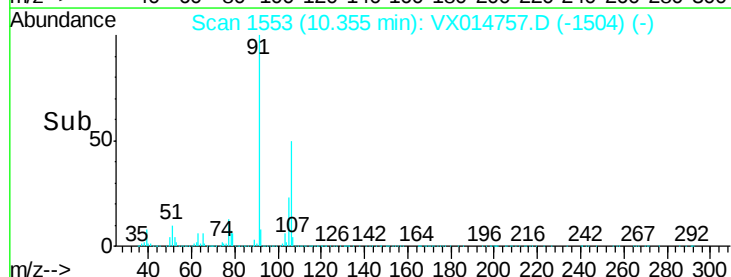
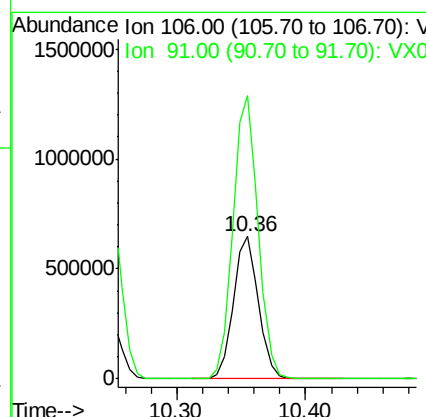
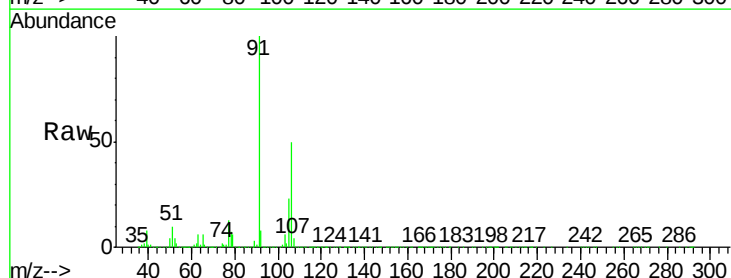
Manual Integrations
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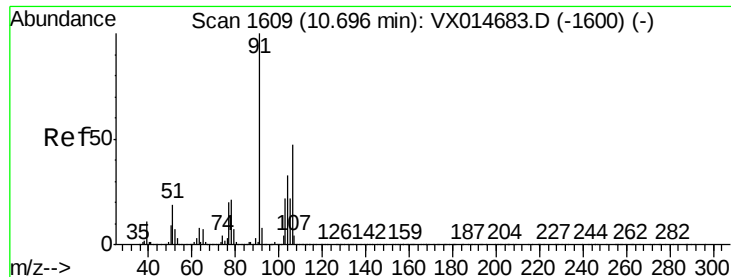
MMDadoda
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#68
m/p-Xylenes
Concen: 103.325 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 106 Resp: 875892
Ion Ratio Lower Upper
106 100
91 199.2 159.4 239.2





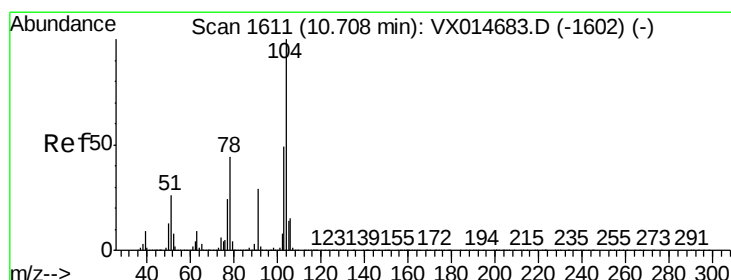
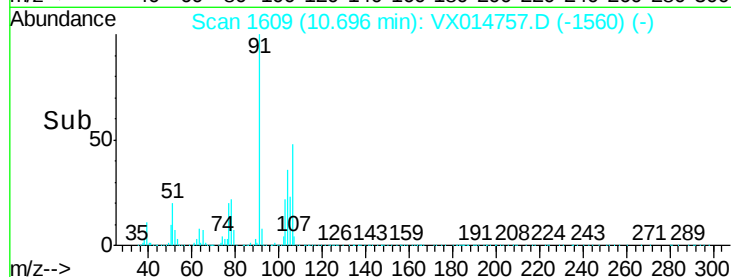
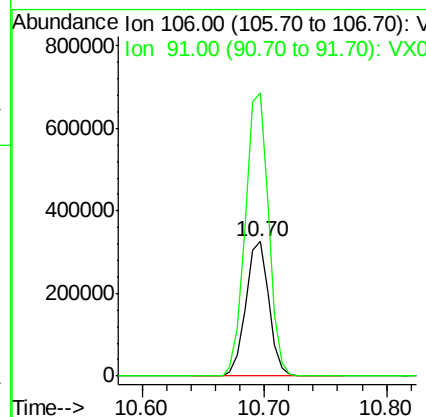
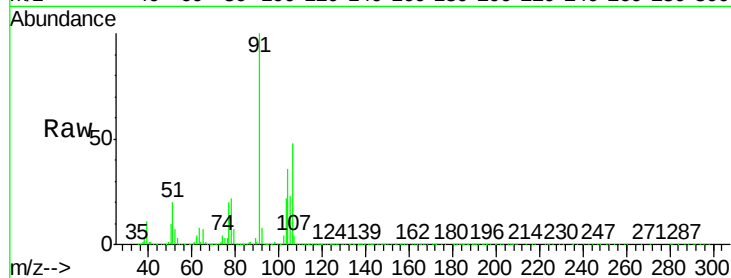
#69
o-Xylene
Concen: 51.888 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	106.2	318.6

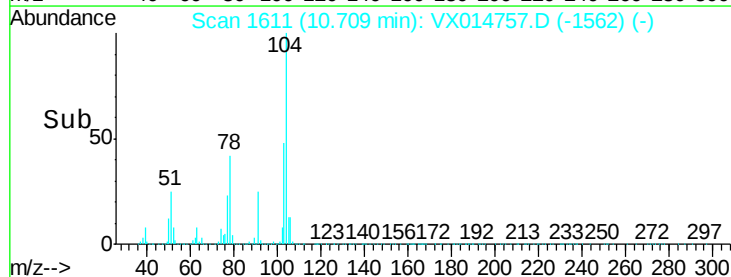
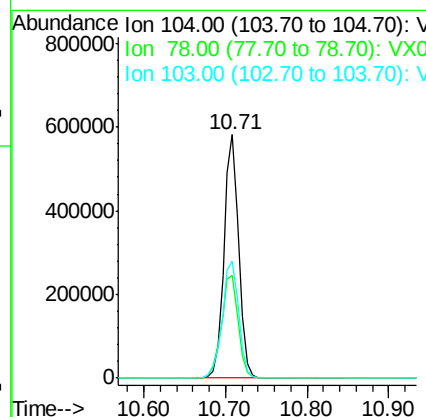
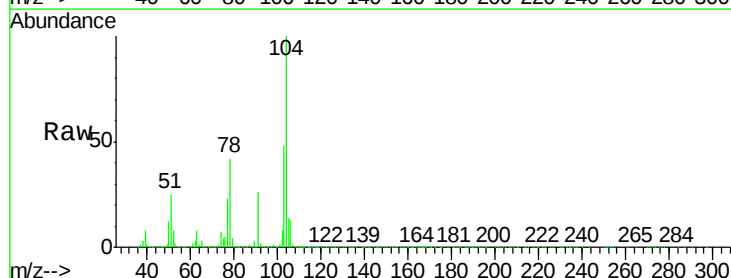
Manual Integrations
APPROVED

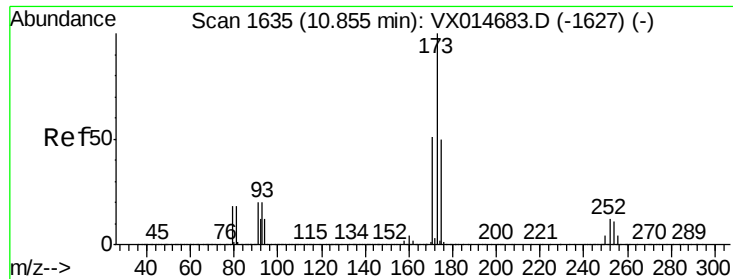
MMDadoda
1/29/2020 10:55:23 AM



#70
Styrene
Concen: 53.527 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.3	58.9
103	53.9	43.5	65.3





#71

Bromoform

Concen: 52.256 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

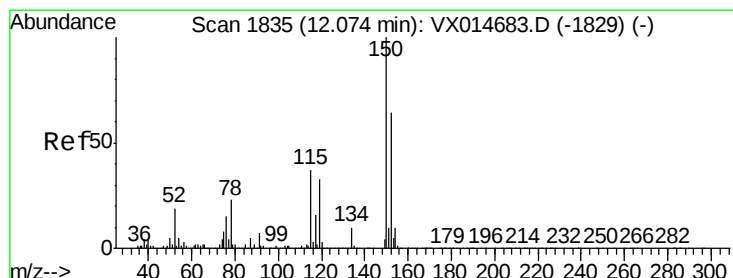
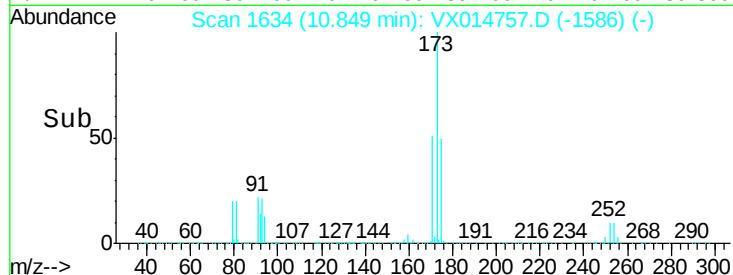
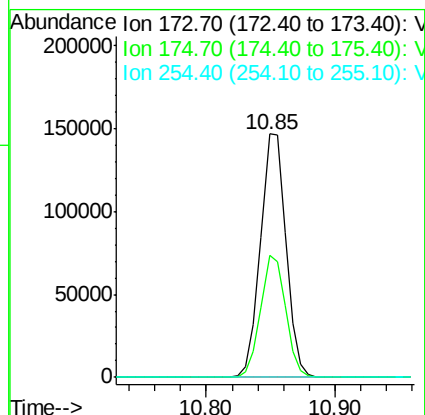
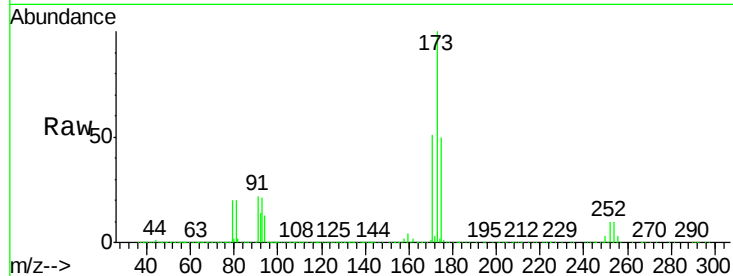
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	200786
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.6	73.6
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

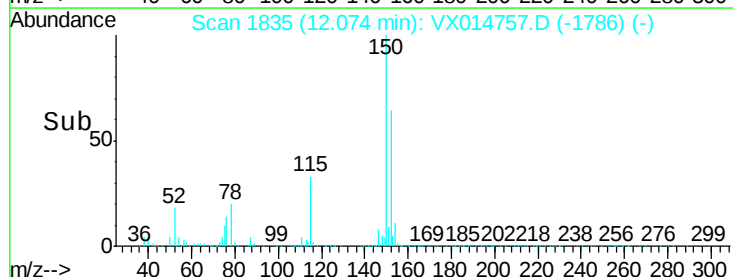
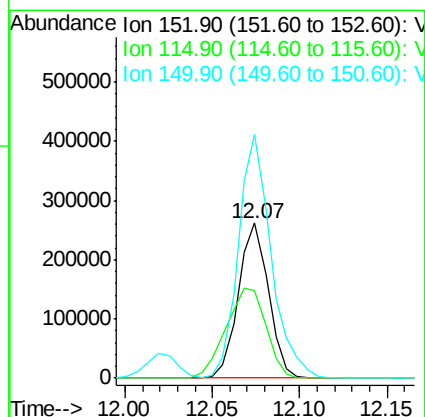
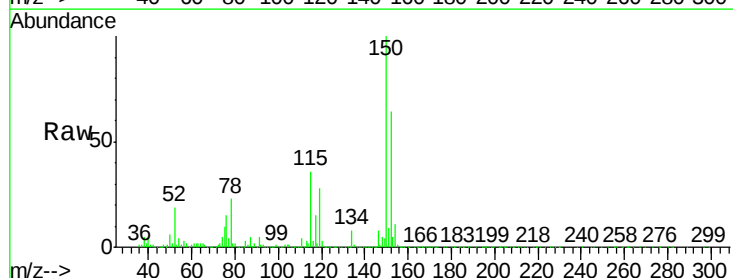
RT: 12.07 min Scan# 1835

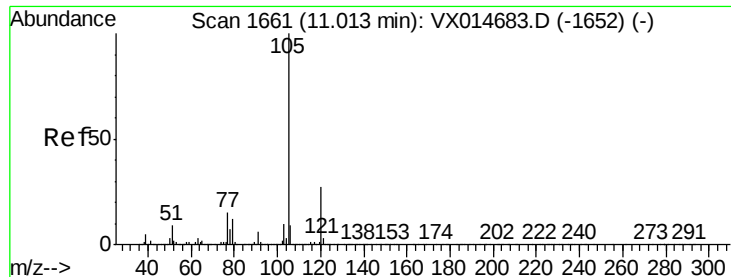
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion:	152	Resp:	312031
Ion Ratio	Lower	Upper	
152	100		
115	77.3	39.4	118.1
150	171.9	0.0	351.2





#73

Isopropylbenzene

Concen: 51.279 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1125069

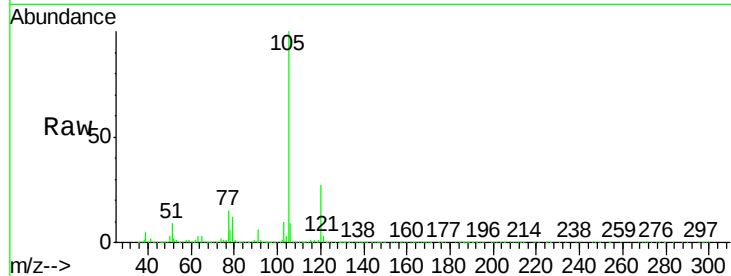
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

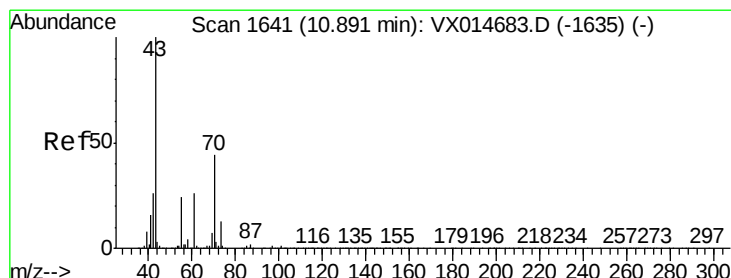
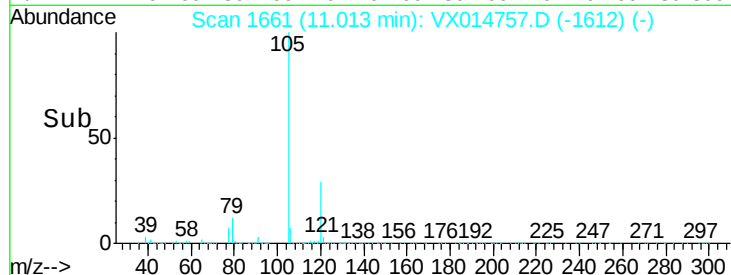
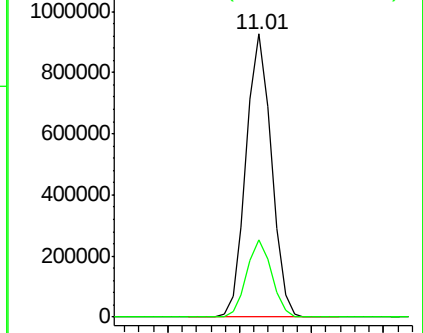
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.123 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion: 43 Resp: 510747

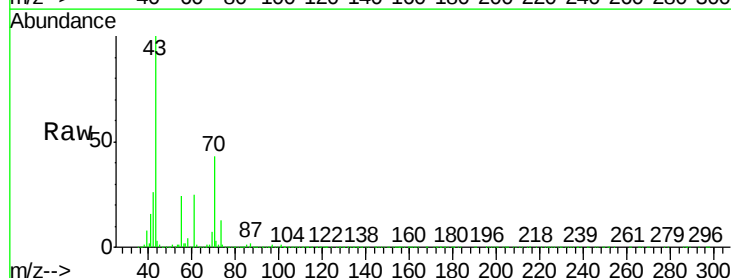
Ion Ratio Lower Upper

43 100

70 43.7 34.6 52.0

55 23.8 19.4 29.2

61 24.6 19.8 29.6

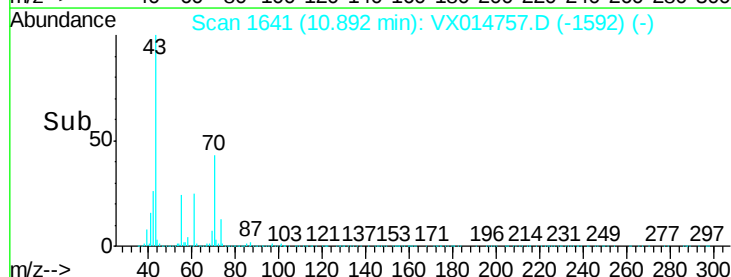
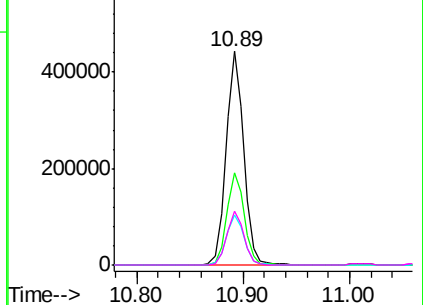


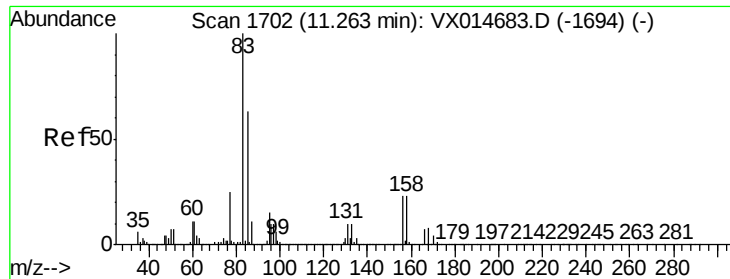
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.650 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

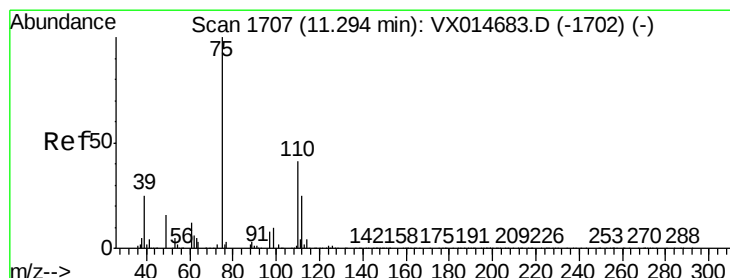
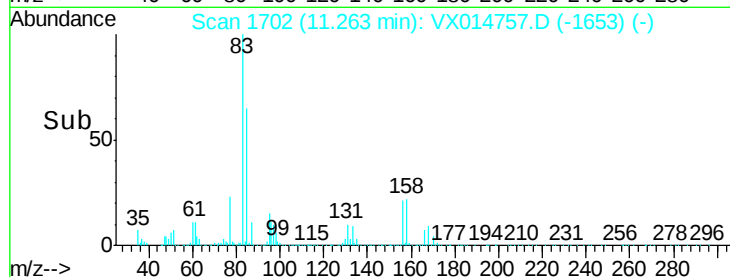
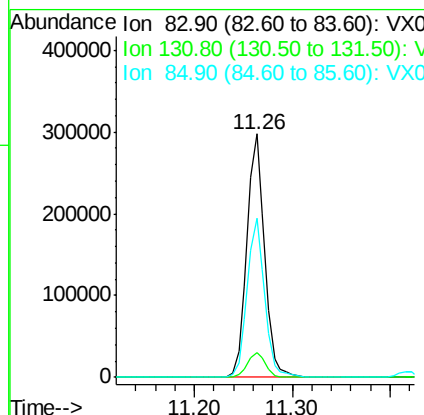
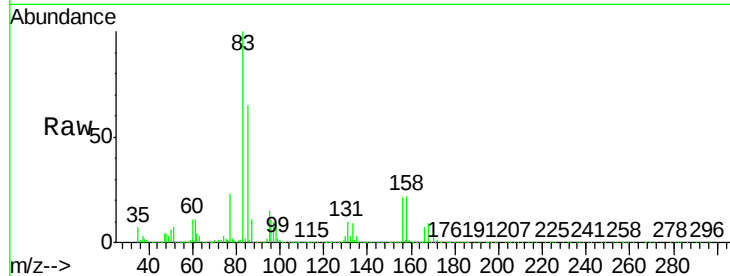
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	373275
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	64.6	31.7	95.1

Manual Integrations
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1/29/2020 10:55:23 AM



#76

1,2,3-Trichloropropane

Concen: 42.505 ug/l m

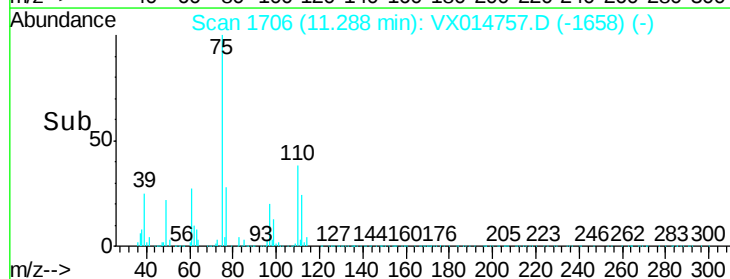
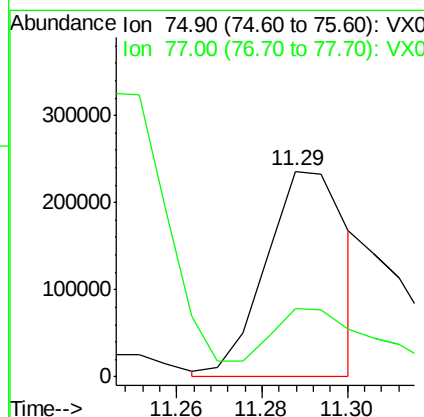
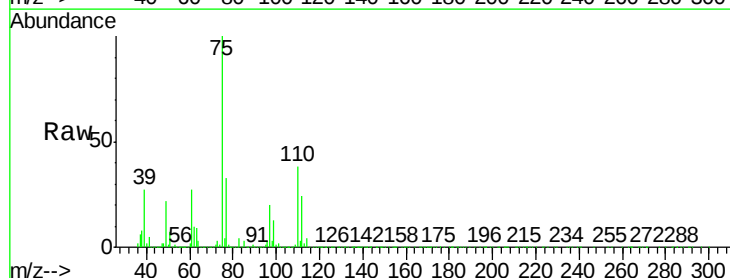
RT: 11.29 min Scan# 1706

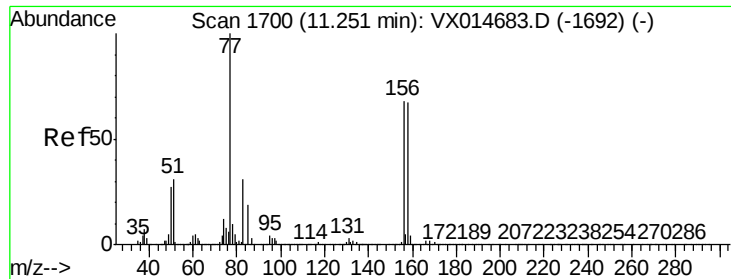
Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion:	75	Resp:	308570
Ion Ratio	Lower	Upper	
75	100		
77	45.7	18.7	56.1





#77

Bromobenzene

Concen: 50.280 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

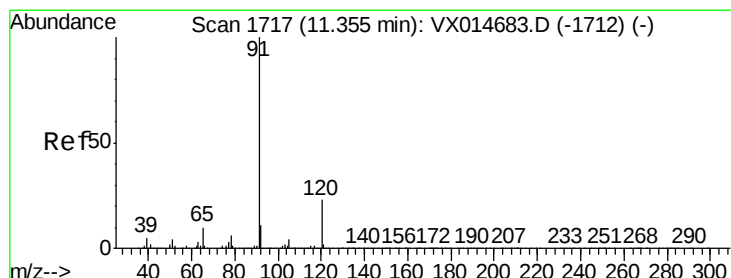
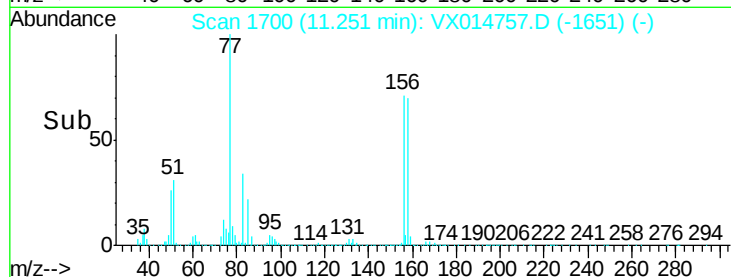
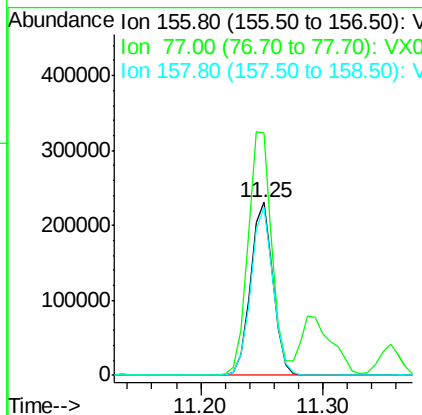
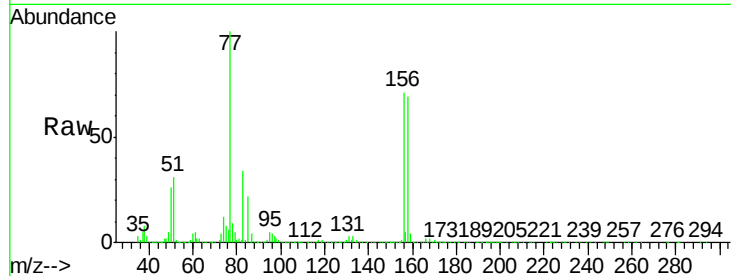
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	296357
Ion Ratio	Lower	Upper	
156	100		
77	147.2	77.5	232.5
158	96.7	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 51.312 ug/l

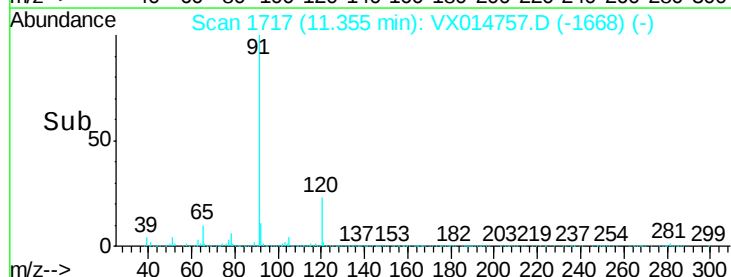
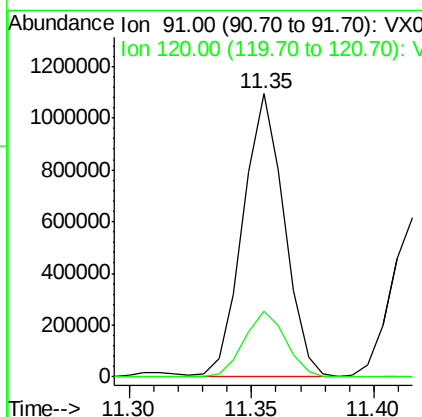
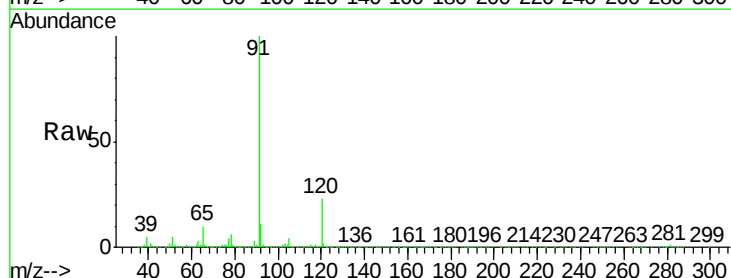
RT: 11.35 min Scan# 1717

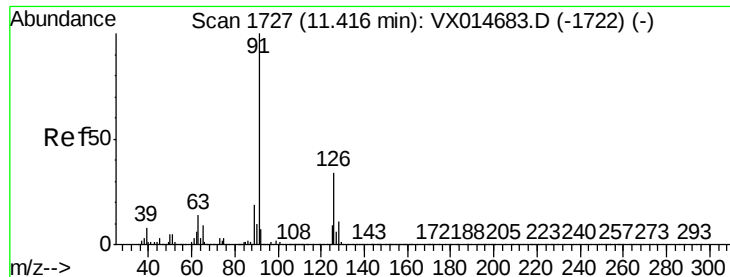
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion:	91	Resp:	1277871
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.404 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 744440

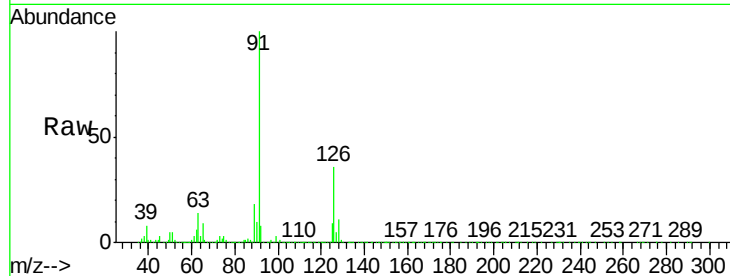
Ion Ratio Lower Upper

91 100

126 35.5 17.3 51.9

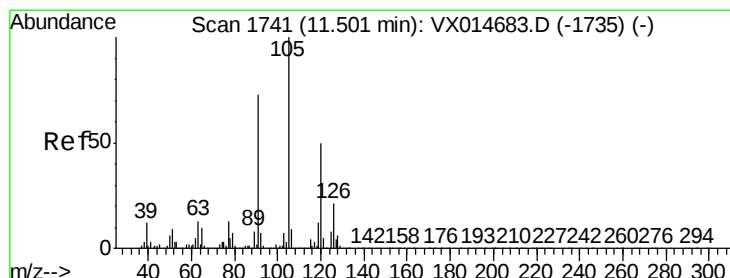
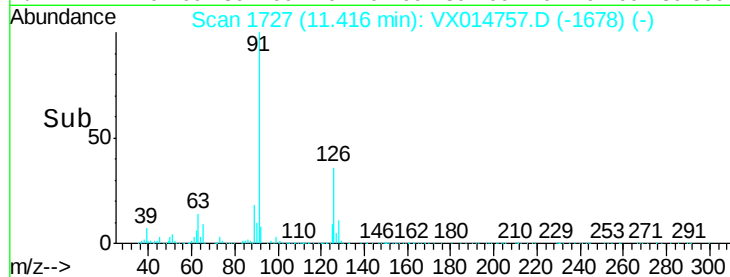
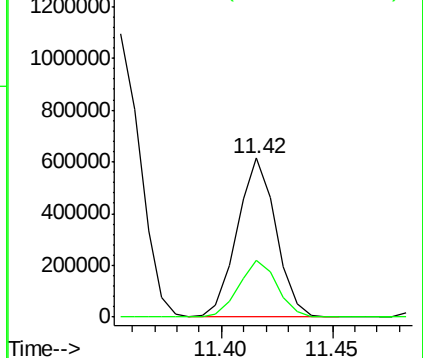
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.037 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014757.D

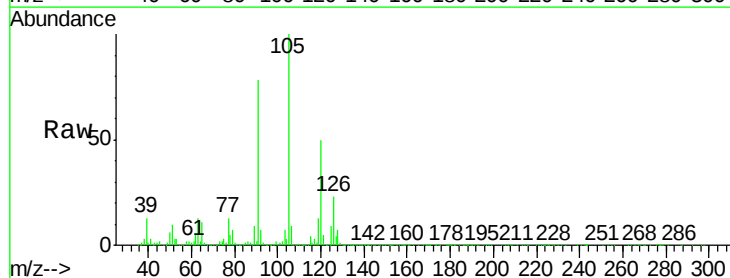
Acq: 28 Jan 2020 17:49

Tgt Ion: 105 Resp: 929350

Ion Ratio Lower Upper

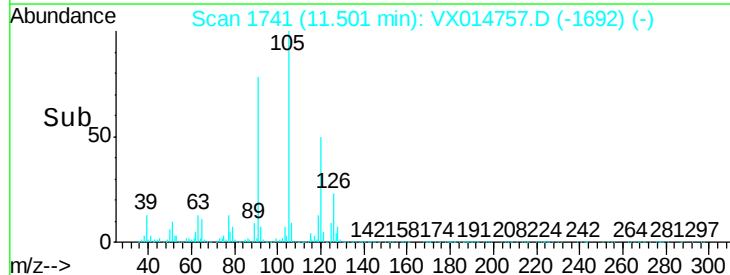
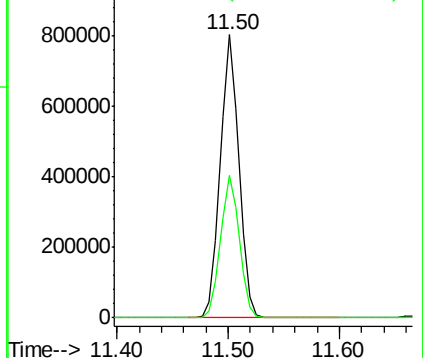
105 100

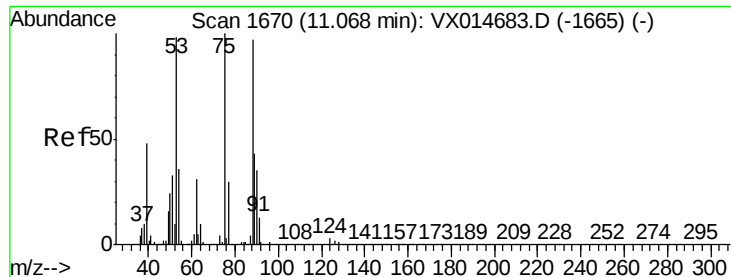
120 50.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





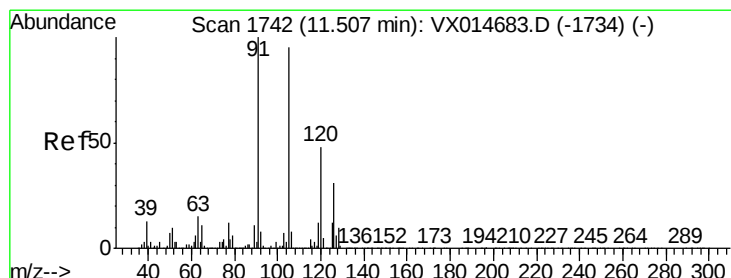
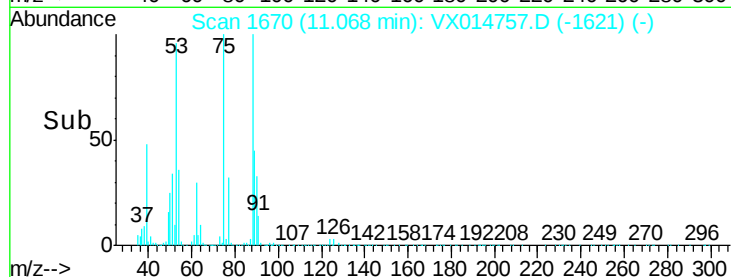
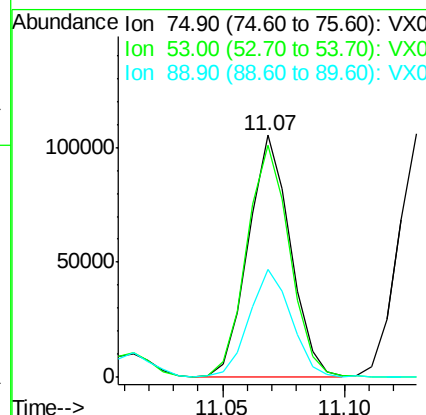
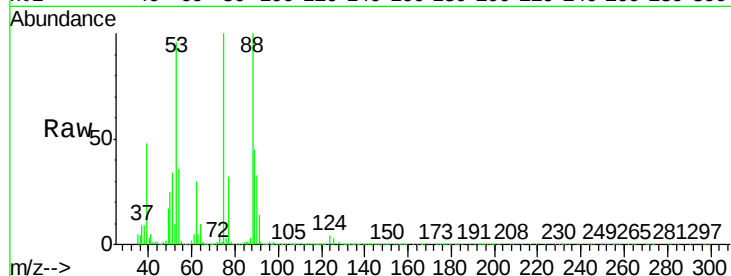
#81
trans-1,4-Dichloro-2-butene
Concen: 48.952 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	78.8	118.2
89	44.9	35.4	53.0

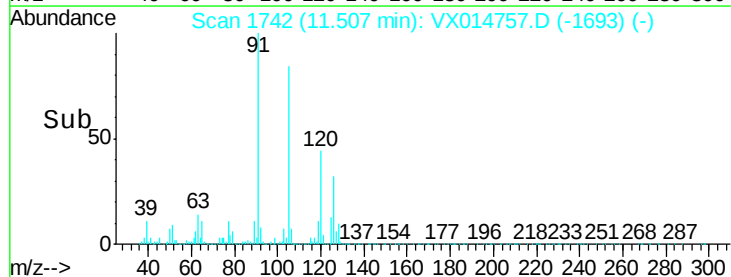
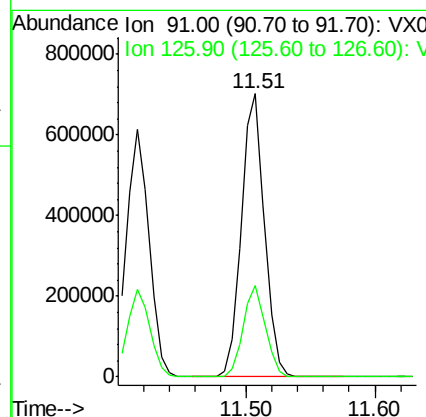
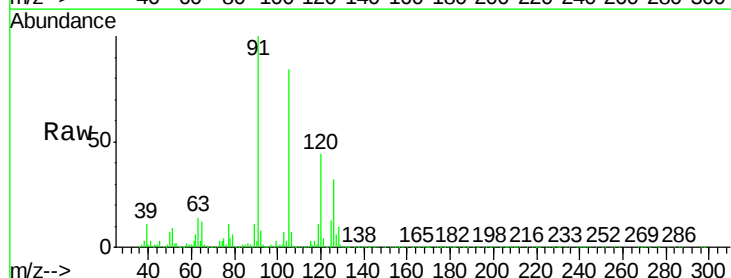
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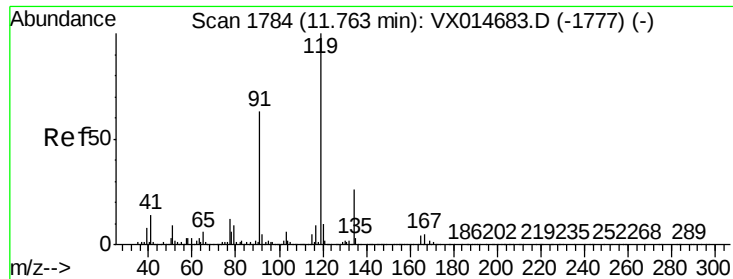
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#82
4-Chlorotoluene
Concen: 50.739 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.4





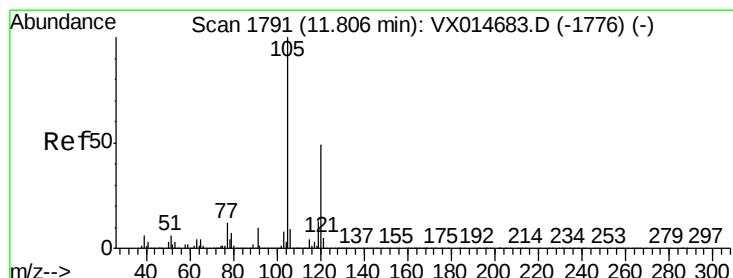
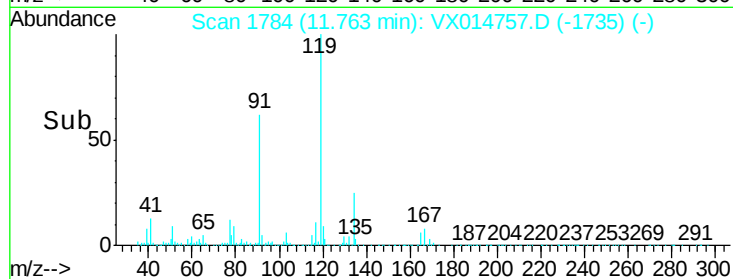
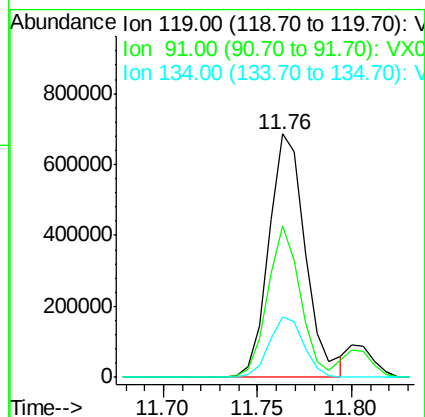
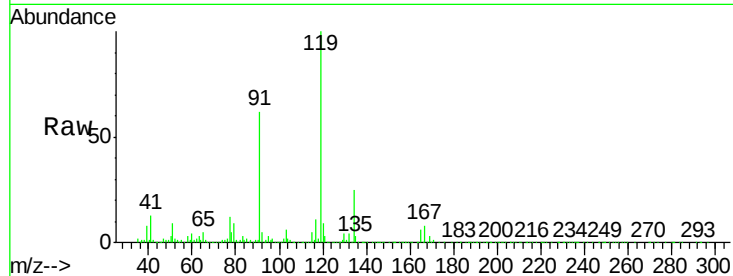
#83
tert-Butylbenzene
Concen: 53.939 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	922949		
91	55.6	30.0	90.0	
134	23.8	12.7	38.0	

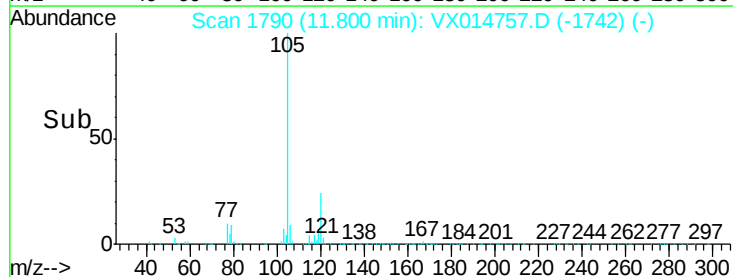
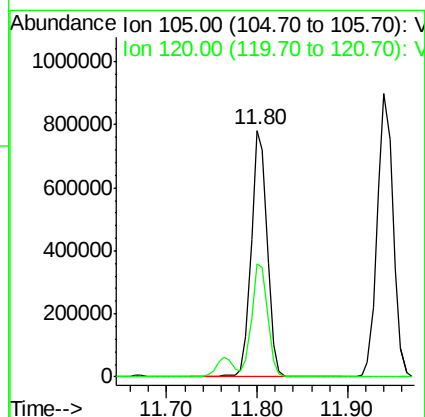
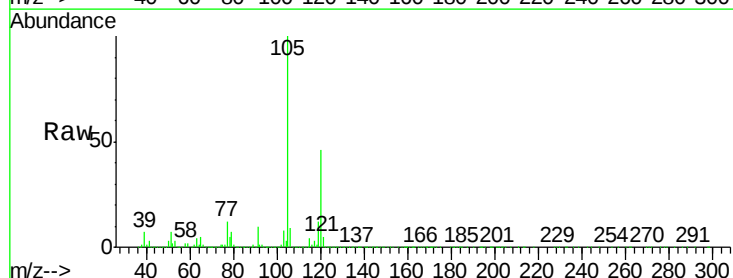
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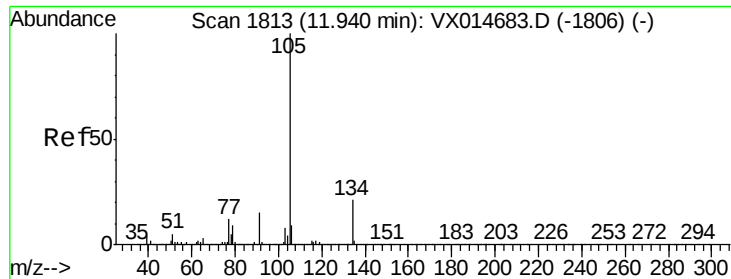
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#84
1,2,4-Trimethylbenzene
Concen: 51.971 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	949231		
120	45.8	23.4	70.0	





#85

sec-Butylbenzene

Concen: 52.028 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1090607

Ion Ratio Lower Upper

105 100

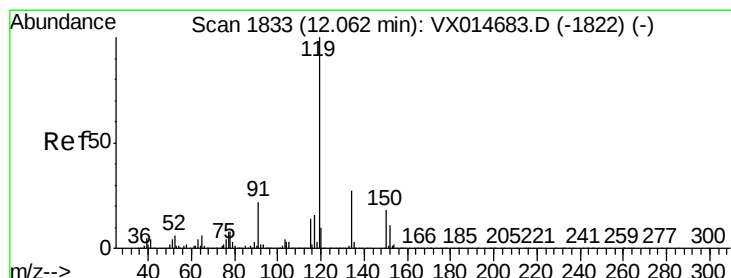
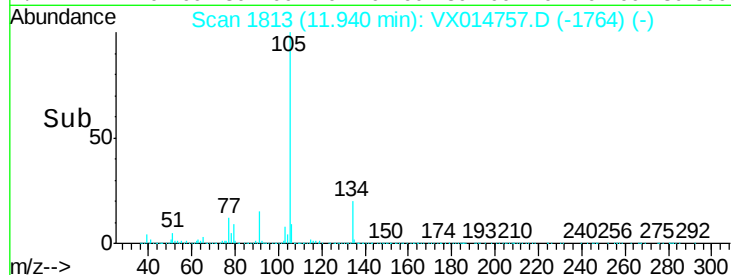
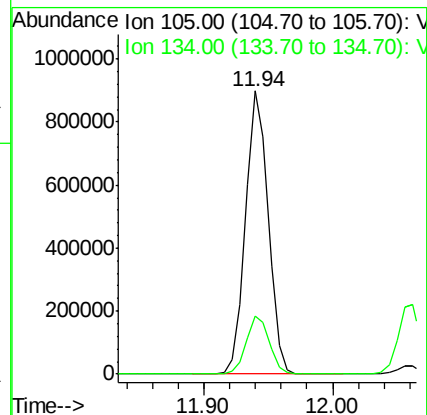
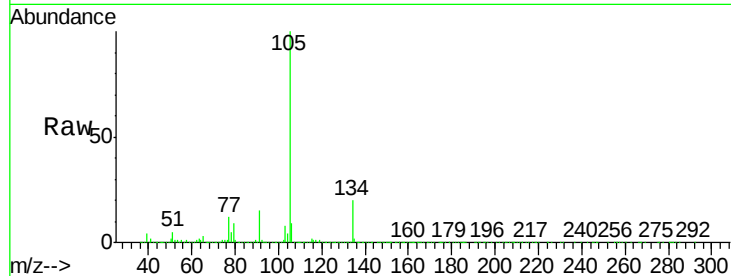
134 20.7 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 52.326 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

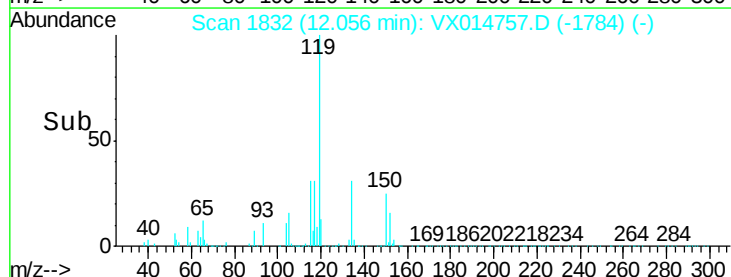
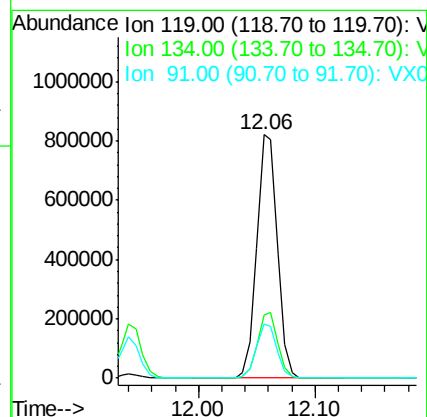
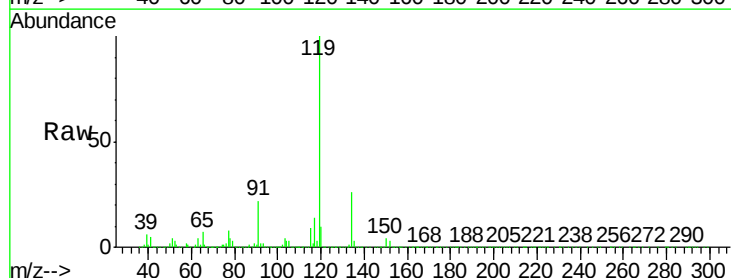
Tgt Ion:119 Resp: 1013663

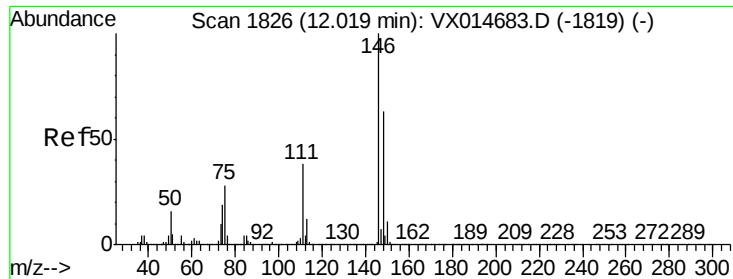
Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 22.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.748 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

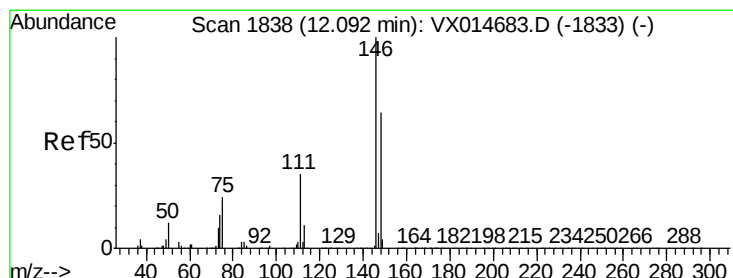
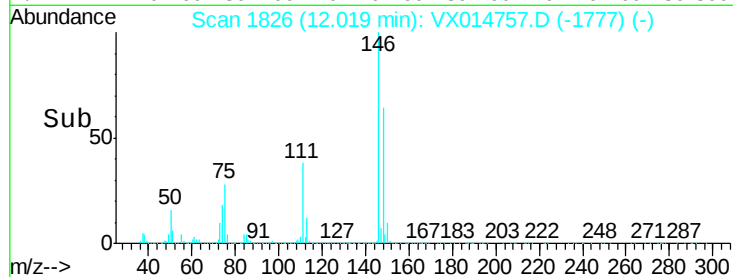
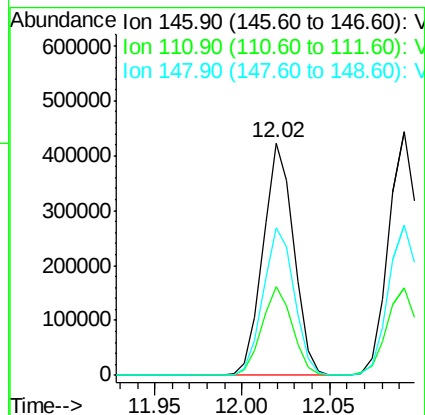
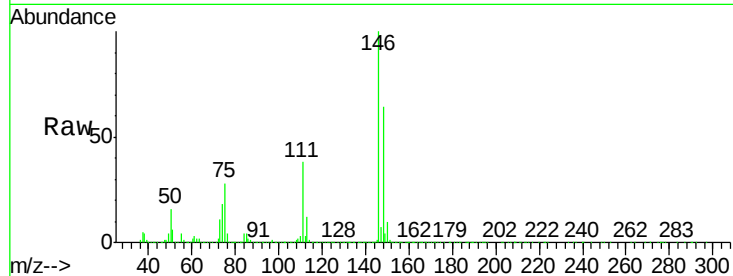
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	516373
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.0	57.0
148	64.3	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 49.131 ug/l

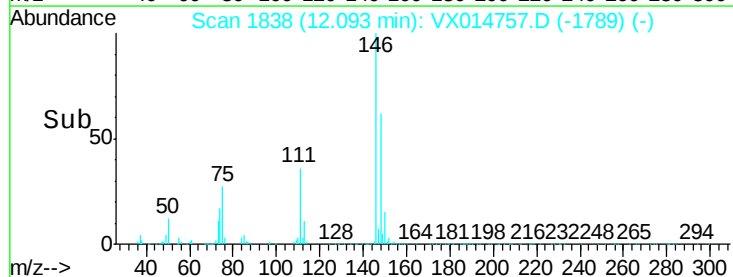
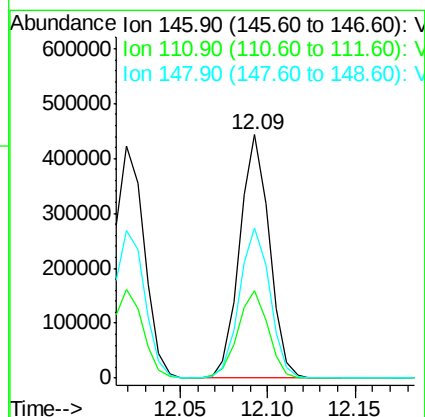
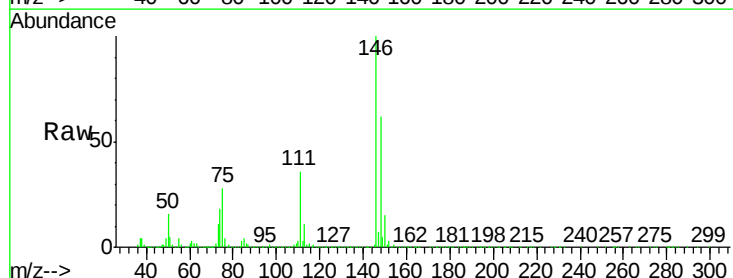
RT: 12.09 min Scan# 1838

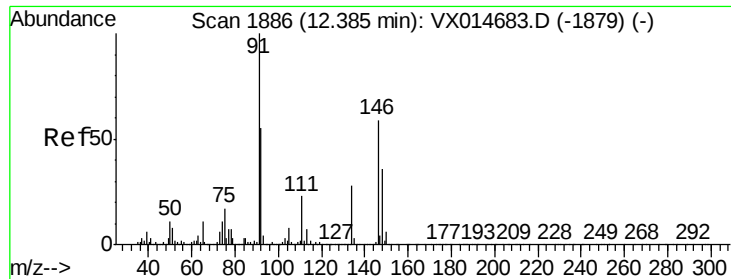
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion:	146	Resp:	521318
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.6	55.8
148	63.5	32.0	96.2





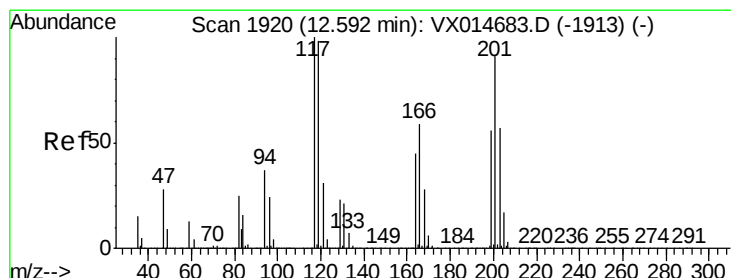
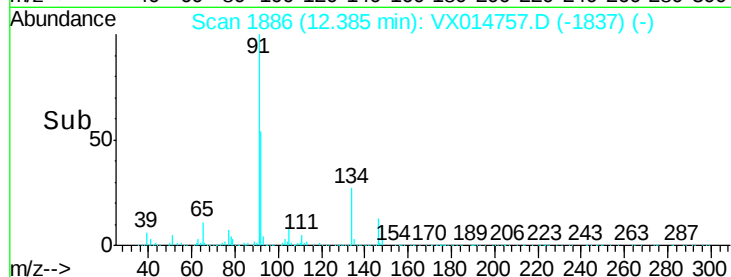
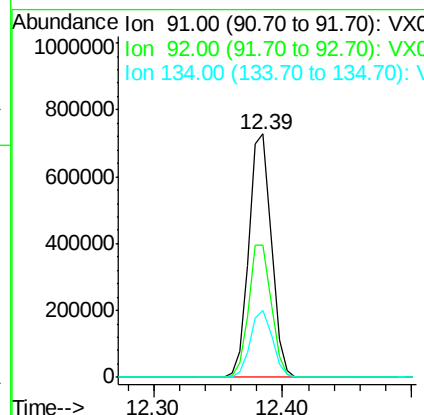
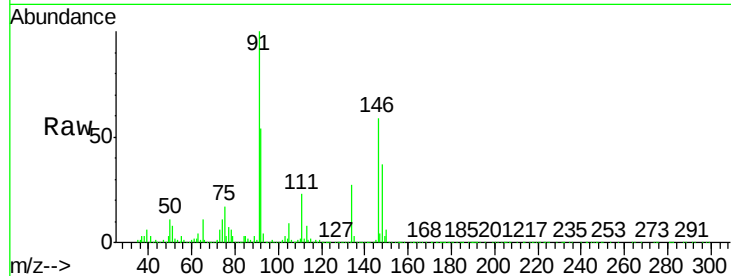
#89
n-Butylbenzene
Concen: 51.628 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	26.9	13.3	39.8

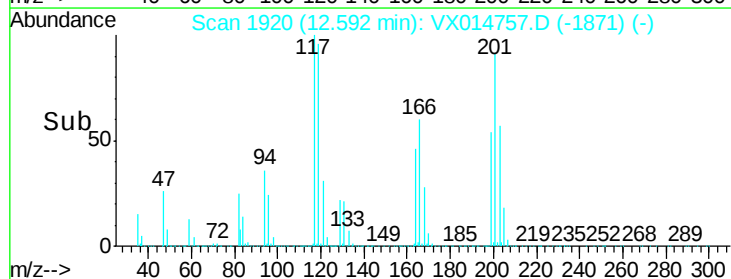
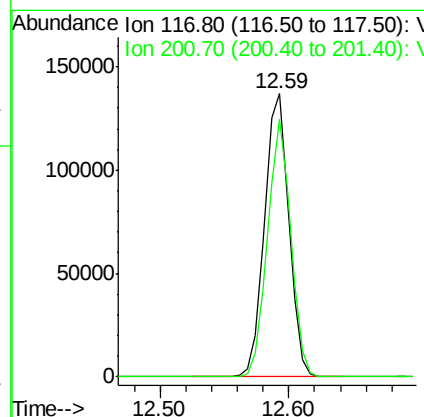
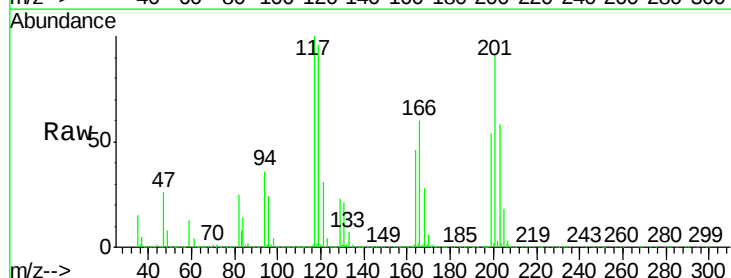
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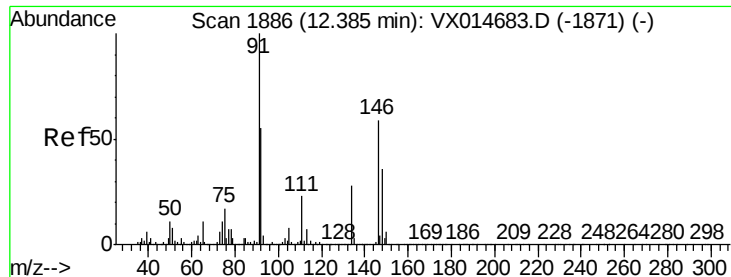
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#90
Hexachloroethane
Concen: 49.273 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.4	133.1





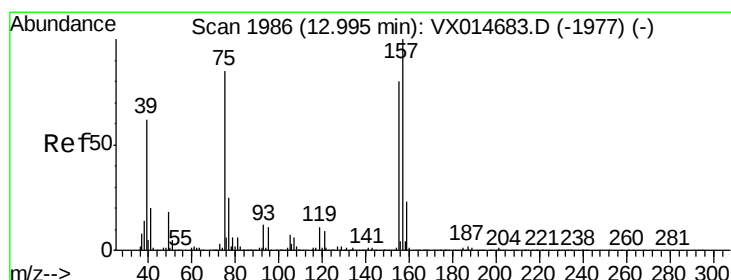
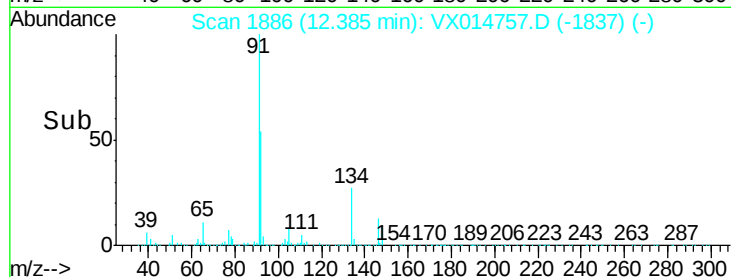
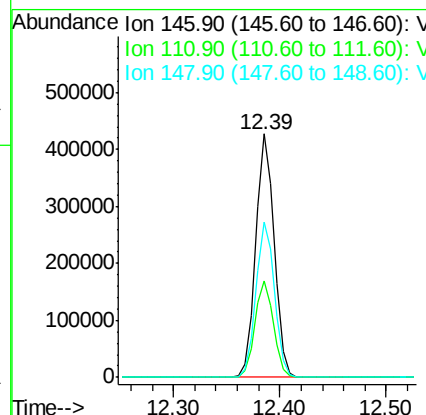
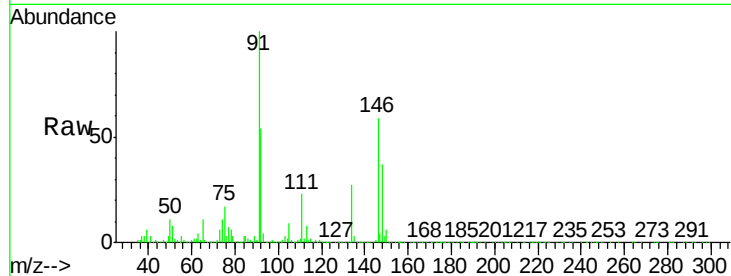
#91
 1,2-Dichlorobenzene
 Concen: 49.516 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	64.2	31.9	95.9

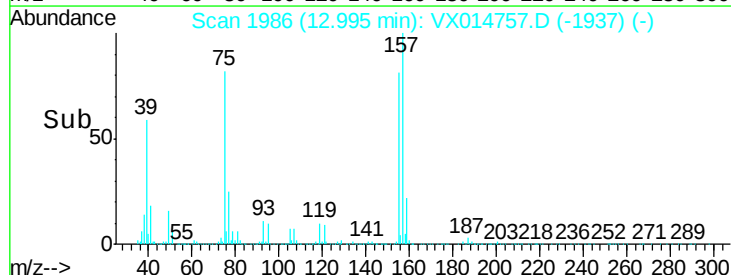
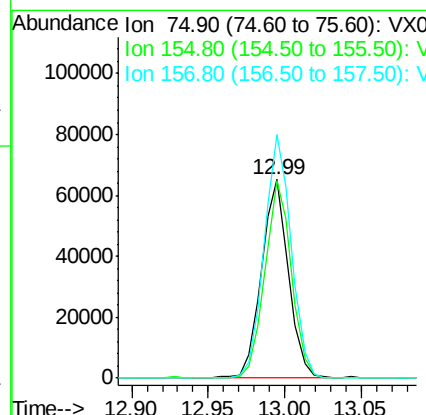
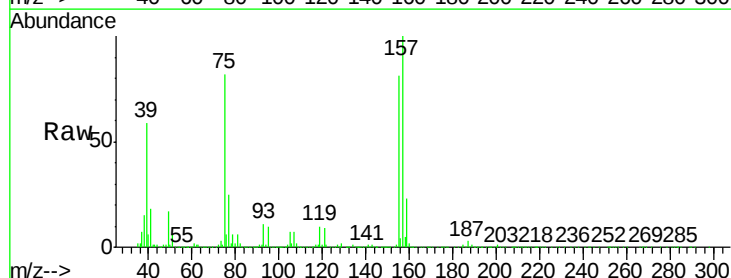
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.611 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	45.6	136.9
157	122.5	60.3	180.9





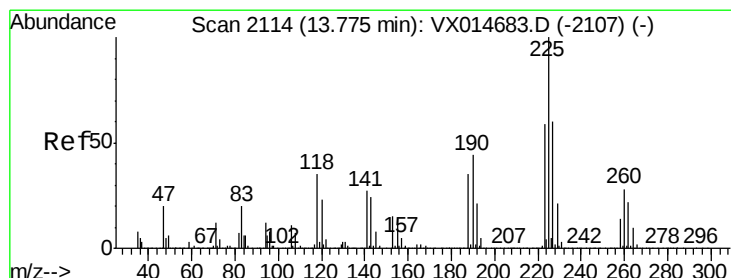
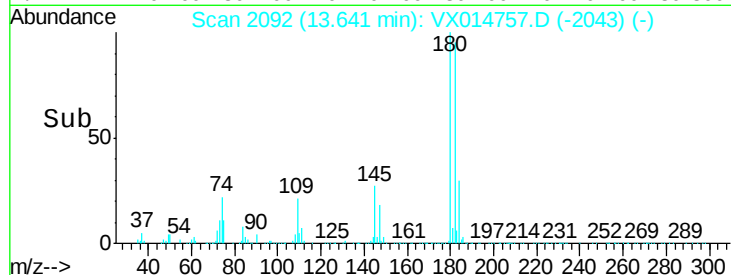
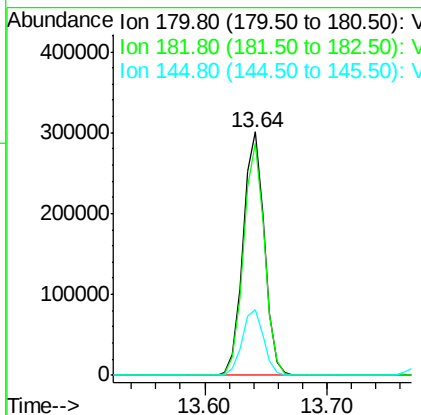
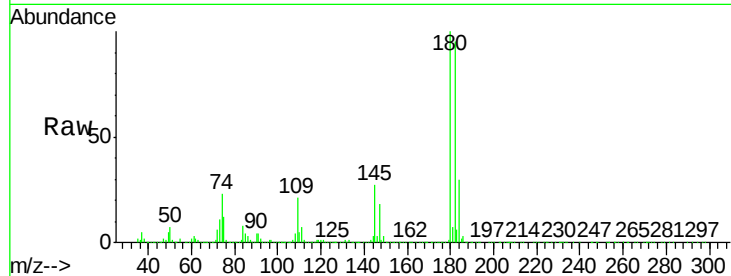
#93
1,2,4-Trichlorobenzene
Concen: 52.989 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	359415		
182	94.7	48.5	145.6	
145	27.6	14.0	41.9	

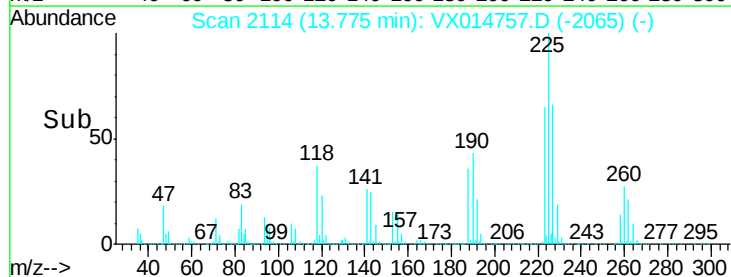
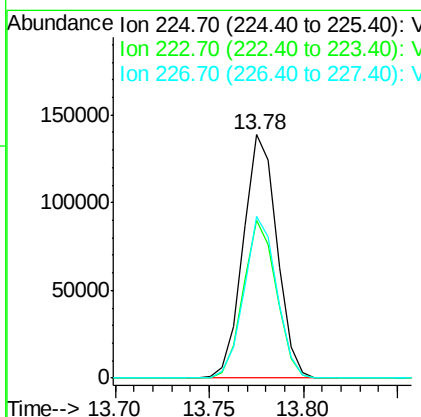
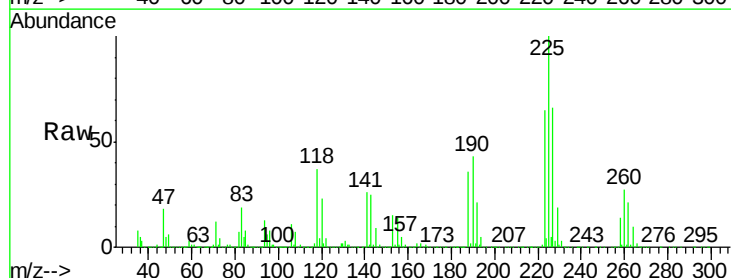
Manual Integrations
APPROVED

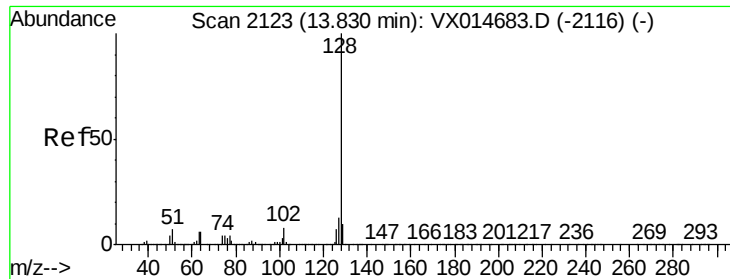
MMDadoda
1/29/2020 10:55:23 AM



#94
Hexachlorobutadiene
Concen: 49.399 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172454		
223	63.5	30.6	91.8	
227	64.3	31.4	94.0	





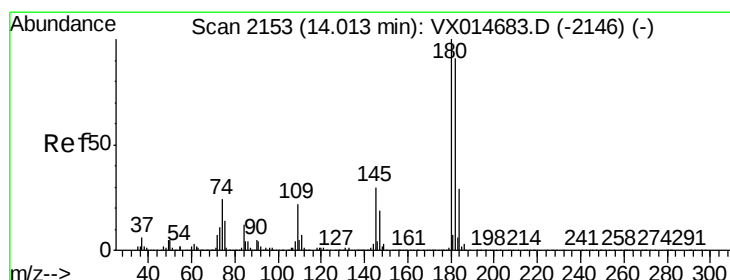
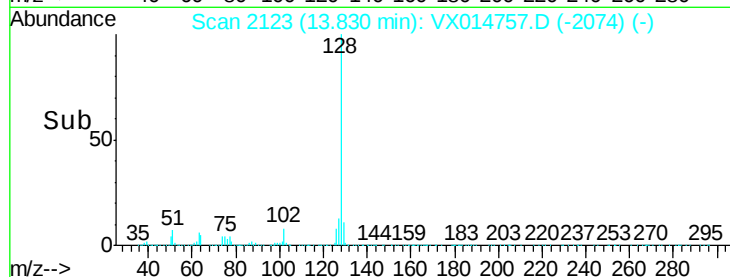
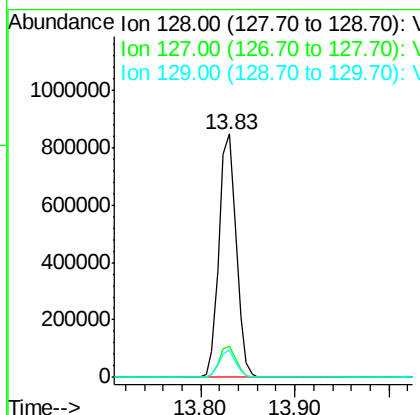
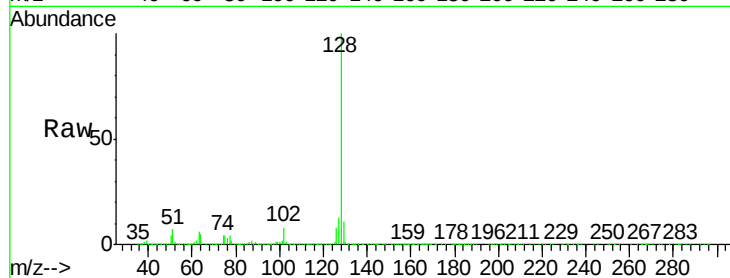
#95
Naphthalene
Concen: 49.366 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.640 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.6	139.7
145	29.7	14.7	44.1

