

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015755.D
 Acq On : 17 Apr 2020 21:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:03:20 AM

Quant Time: Apr 20 06:50:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	176550	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	988043	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	913617	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	392010	28.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.70%
60) 4-Bromofluorobenzene	11.12	95	460367	29.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.13%
63) Toluene-d8	8.70	98	1146144	29.53	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	127421	15.113	ug/l 99
3) Chloromethane	1.31	50	161721	15.542	ug/l 99
4) Vinyl Chloride	1.39	62	179897	17.972	ug/l 95
5) Bromomethane	1.63	94	38172	7.163	ug/l 98
6) Chloroethane	1.72	64	129465	20.731	ug/l 100
7) Trichlorofluoromethane	1.92	101	252989	17.685	ug/l 98
8) Diethyl Ether	2.17	74	109437	19.884	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	169304	17.889	ug/l 98
10) 1,1-Dichloroethene	2.36	96	177431	18.457	ug/l 97
11) Methyl Iodide	2.50	142	53974	4.225	ug/l 97
12) Methyl Acetate	2.75	43	265035	18.841	ug/l 92
13) Acrolein	2.27	56	125773	68.731	ug/l 96
14) Acrylonitrile	3.12	53	574632	95.418	ug/l 98
15) Acetone	2.42	58	142821	93.266	ug/l 87
16) Carbon Disulfide	2.55	76	2144900	76.324	ug/l 99
17) Allyl chloride	2.71	41	360041	16.589	ug/l 99
18) Methylene Chloride	2.84	84	201608	18.679	ug/l 97
19) trans-1,2-Dichloroethene	3.15	96	195424	18.792	ug/l 93
20) Diisopropyl ether	3.83	45	719663	18.487	ug/l 87
21) 1,1-Dichloroethane	3.67	63	364745	18.356	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	228354	19.061	ug/l 94
23) tert-Butyl Alcohol	3.01	59	237909	80.315	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	658886	18.460	ug/l 97
25) Chloroform	5.18	83	365377	18.602	ug/l 100
26) Cyclohexane	5.56	56	326292	17.186	ug/l # 99
29) 1,1-Dichloropropene	5.78	75	275778	18.578	ug/l 99
30) 2-Butanone	4.64	43	817553	91.873	ug/l 99
31) 2,2-Dichloropropane	4.55	77	272262	15.241	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	317781	17.546	ug/l # 81
33) Carbon Tetrachloride	5.76	117	281229	17.039	ug/l 95
34) Benzene	6.12	78	802284	18.752	ug/l 100
35) Methacrylonitrile	5.01	41	188557	18.686	ug/l 97
36) 1,2-Dichloroethane	6.17	62	304928	18.445	ug/l 97
37) Trichloroethene	7.20	130	236435	19.627	ug/l 96
38) Methylcyclohexane	7.45	83	314869	17.303	ug/l 98
39) 1,2-Dichloropropane	7.50	63	213947	18.618	ug/l 97
40) Dibromomethane	7.64	93	141179	18.457	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015755.D
 Acq On : 17 Apr 2020 21:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:03:20 AM

Quant Time: Apr 20 06:50:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	284667	17.125	ug/l	97
42) Vinyl Acetate	3.79	43	3181263	94.351	ug/l	100
43) Ethyl Acetate	4.80	43	330470	17.073	ug/l	99
44) Isopropyl Acetate	6.42	43	551639	17.708	ug/l	98
45) 1,4-Dioxane	7.72	88	94859	330.547	ug/l #	91
46) Methyl methacrylate	7.75	41	271776	17.483	ug/l	95
47) n-amyl Acetate	10.88	43	470612	17.521	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	319178	16.632	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	342419	17.287	ug/l	95
50) 1,1,2-Trichloroethane	9.20	97	206731	18.833	ug/l	98
51) Ethyl methacrylate	9.16	69	343446	18.192	ug/l	98
52) 1,3-Dichloropropane	9.36	76	355946	18.774	ug/l	97
53) Dibromochloromethane	9.57	129	238137	17.599	ug/l	96
54) 1,2-Dibromoethane	9.65	107	220467	18.718	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	788632	88.447	ug/l	100
56) Bromoform	10.84	173	176914	15.901	ug/l #	96
58) 4-Methyl-2-Pentanone	8.62	43	1634964	93.504	ug/l	98
59) 2-Hexanone	9.47	43	1220977	91.787	ug/l	97
61) Tetrachloroethene	9.32	164	220759	18.799	ug/l	97
62) Toluene	8.77	91	878303	18.980	ug/l	99
64) Chlorobenzene	10.12	112	557542	18.739	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	213518	17.562	ug/l	96
66) Ethyl Benzene	10.24	91	999811	18.912	ug/l	100
67) m/p-Xylenes	10.34	106	744226	37.195	ug/l	99
68) o-Xylene	10.68	106	369617	18.899	ug/l	94
69) Styrene	10.70	104	642812	18.865	ug/l	97
70) Isopropylbenzene	11.01	105	971429	18.736	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	318672	18.964	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	271841m	17.289	ug/l	
73) Bromobenzene	11.24	156	263690	18.946	ug/l	96
74) n-propylbenzene	11.34	91	1117951	18.799	ug/l	99
75) 2-Chlorotoluene	11.40	91	671340	18.561	ug/l	97
76) 1,3,5-Trimethylbenzene	11.49	105	827099	18.576	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	63992	9.444	ug/l	91
78) 4-Chlorotoluene	11.49	91	794151	18.979	ug/l	99
79) tert-butylbenzene	11.76	119	799537	17.967	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	834820	18.509	ug/l	98
81) sec-Butylbenzene	11.93	105	924372	18.108	ug/l	99
82) p-Isopropyltoluene	12.05	119	886382	18.423	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	475562	19.003	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	483133	19.345	ug/l	98
85) n-Butylbenzene	12.37	91	774110	18.051	ug/l	99
86) Hexachloroethane	12.58	117	111298	11.969	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	467787	19.160	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	70520	15.932	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	359146	18.260	ug/l	99
90) Hexachlorobutadiene	13.77	225	156328	15.088	ug/l	98
91) Naphthalene	13.82	128	1120586	19.675	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	360670	18.459	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
Data File : VX015755.D
Acq On : 17 Apr 2020 21:41
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

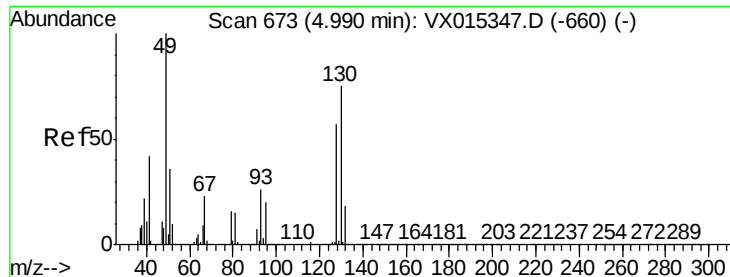
Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM

Quant Time: Apr 20 06:50:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

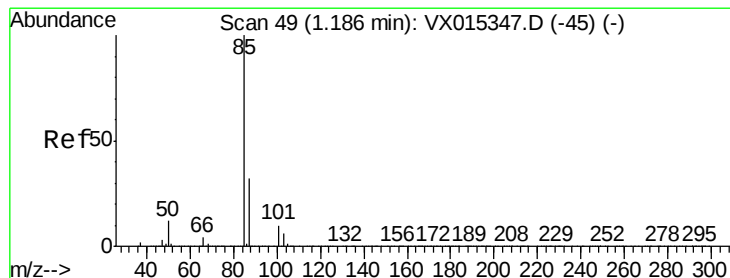
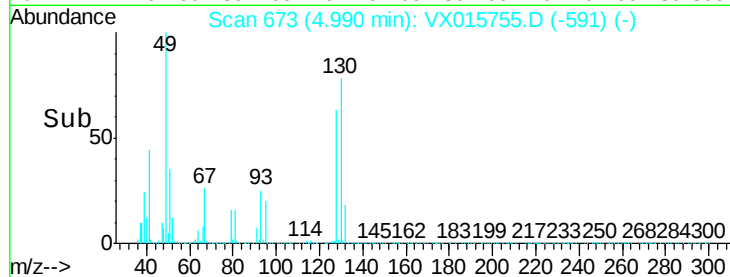
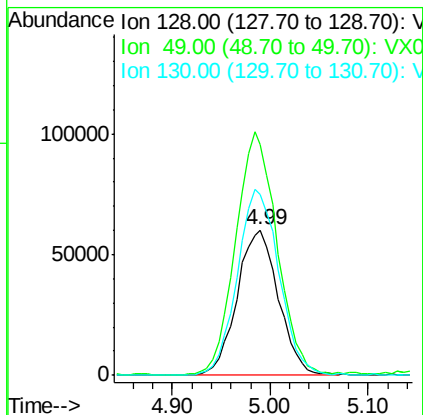
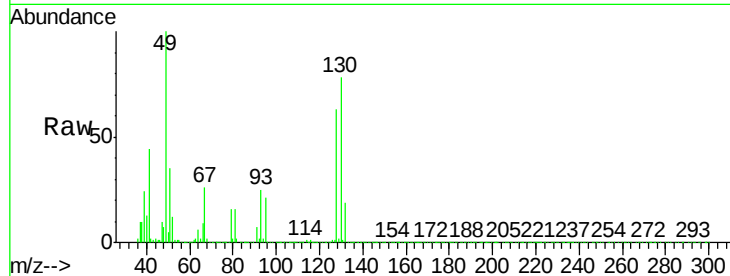
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.99 min Scan# 673
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	176550		
49	168.6	0.0	428.0	
130	128.9	0.0	324.5	

Manual Integrations
APPROVED

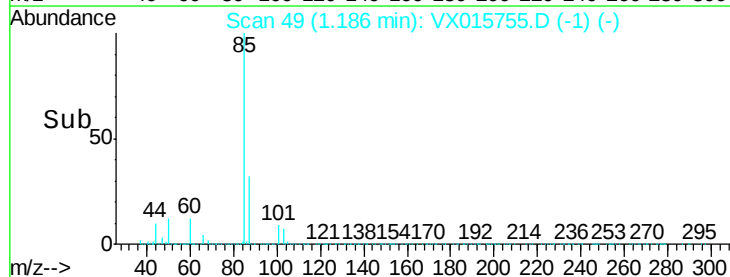
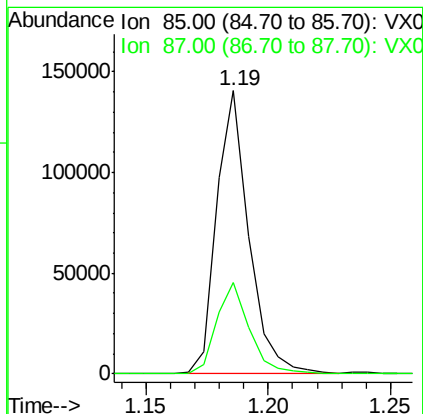
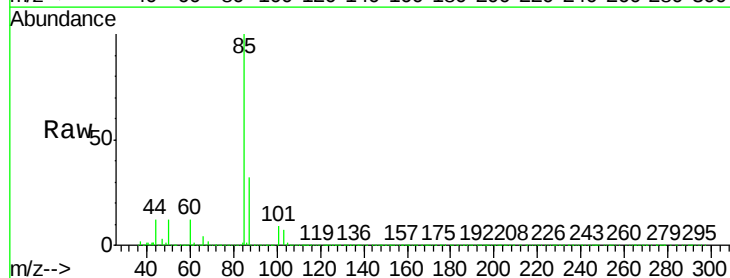
MMDadoda
4/20/2020 10:03:20 AM

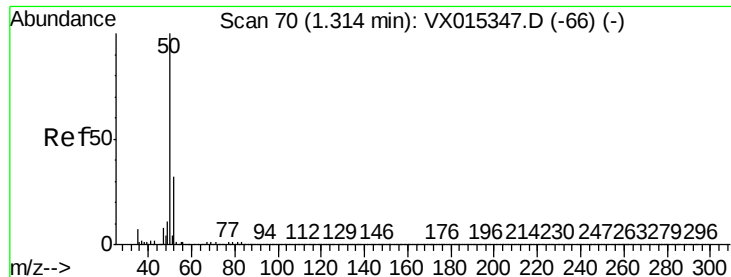


#2

Dichlorodifluoromethane
Concen: 15.113 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	127421		
87	32.1	16.3	48.9	





#3

Chloromethane

Concen: 15.542 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 161721

Ion Ratio Lower Upper

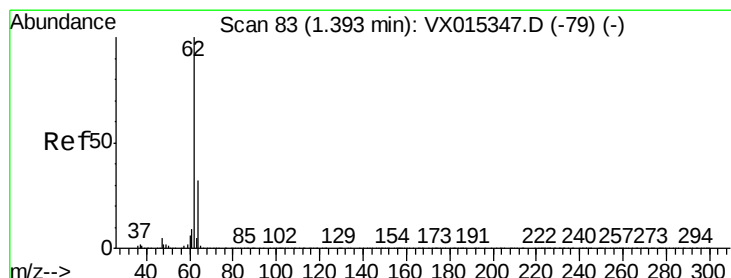
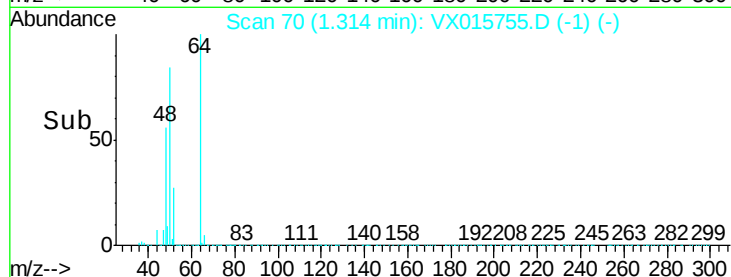
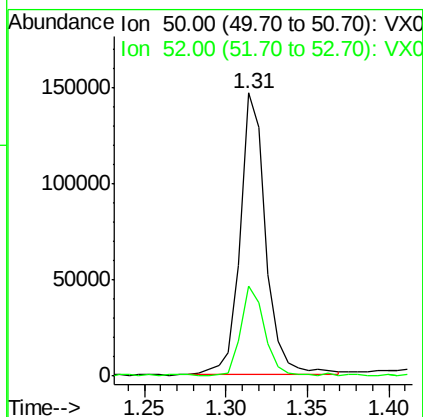
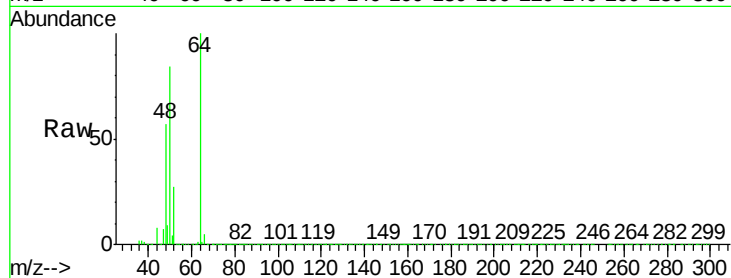
50 100

52 31.6 25.5 38.3

Manual Integrations
APPROVED

MMDadoda

4/20/2020 10:03:20 AM



#4

Vinyl Chloride

Concen: 17.972 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015755.D

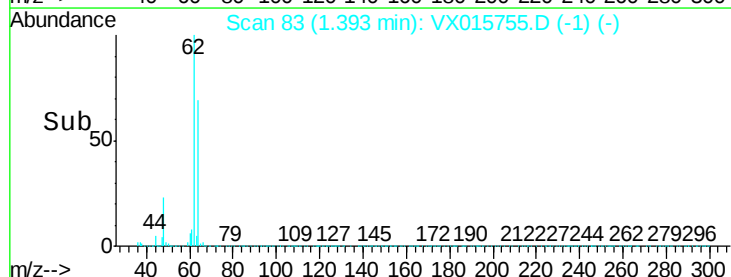
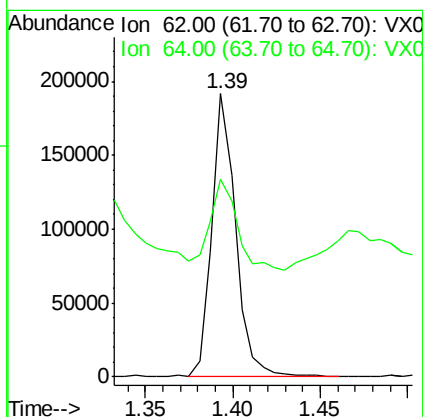
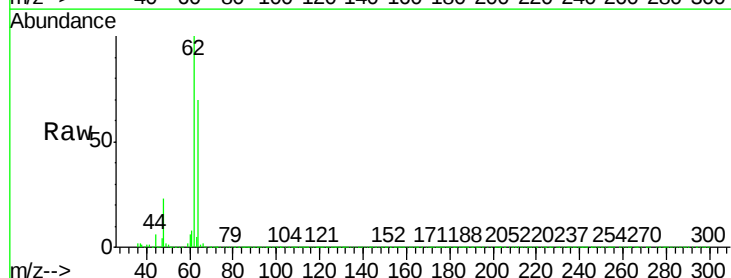
Acq: 17 Apr 2020 21:41

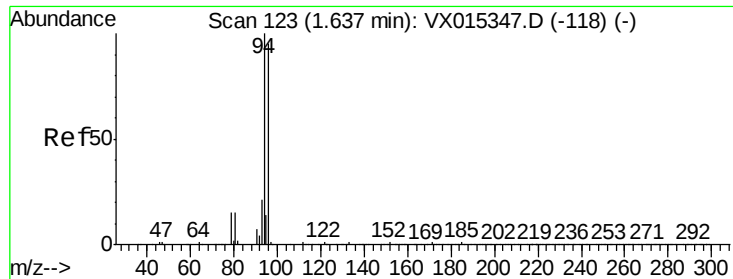
Tgt Ion: 62 Resp: 179897

Ion Ratio Lower Upper

62 100

64 28.7 25.4 38.0





#5

Bromomethane

Concen: 7.163 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 38172

Ion Ratio Lower Upper

94 100

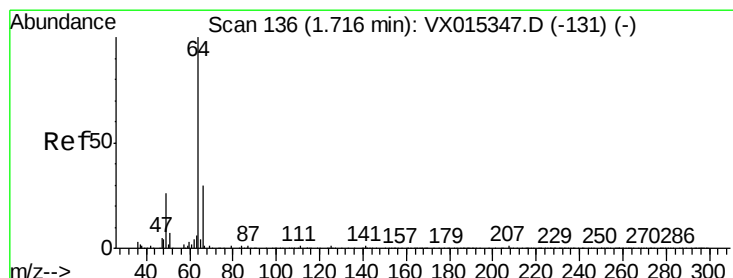
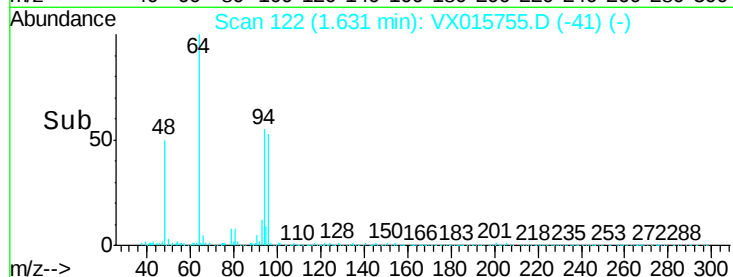
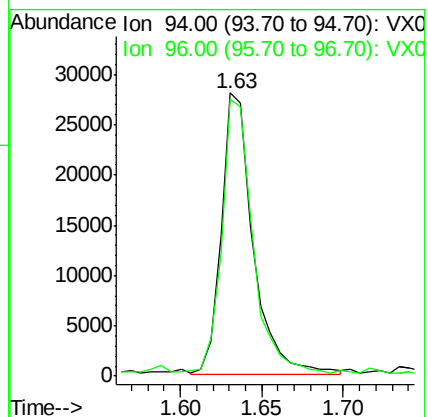
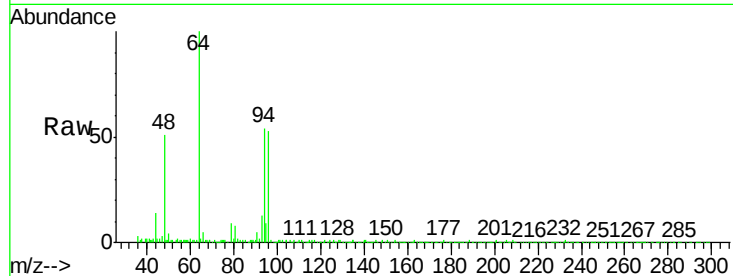
96 97.0 76.1 114.1

Manual Integrations

APPROVED

MMDadoda

4/20/2020 10:03:20 AM



#6

Chloroethane

Concen: 20.731 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX015755.D

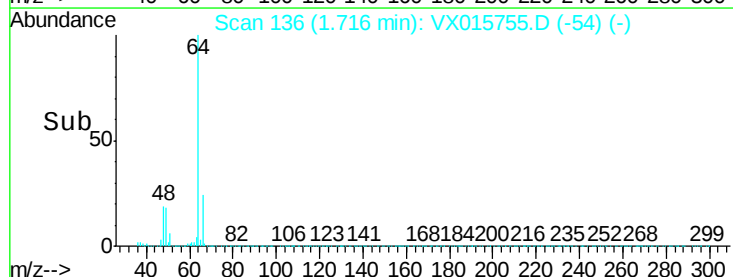
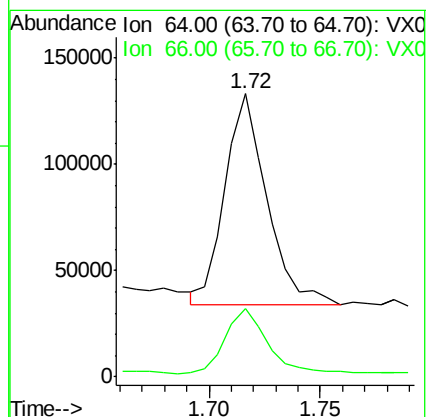
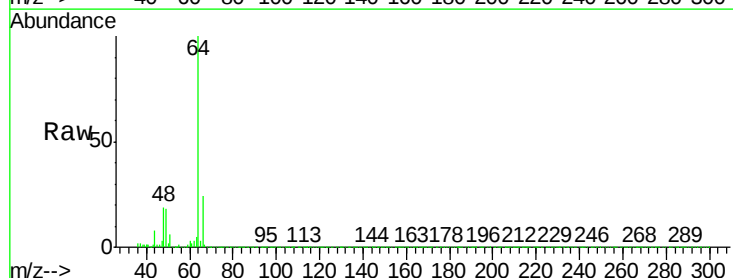
Acq: 17 Apr 2020 21:41

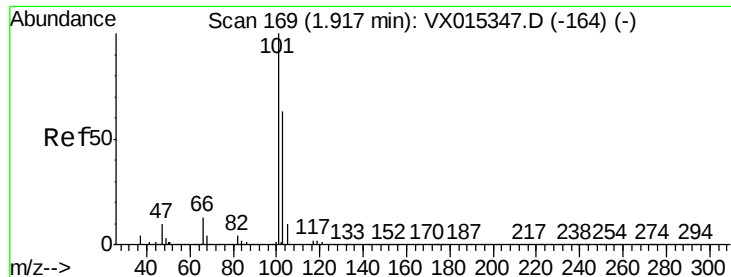
Tgt Ion: 64 Resp: 129465

Ion Ratio Lower Upper

64 100

66 30.2 24.3 36.5





#7

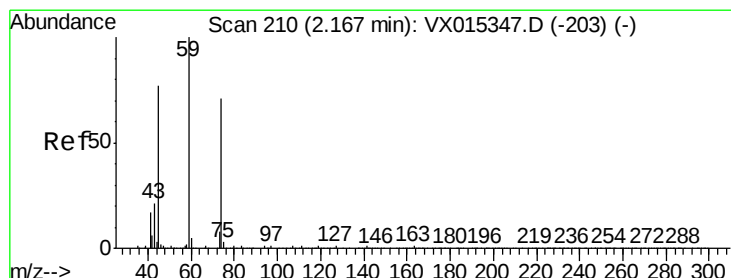
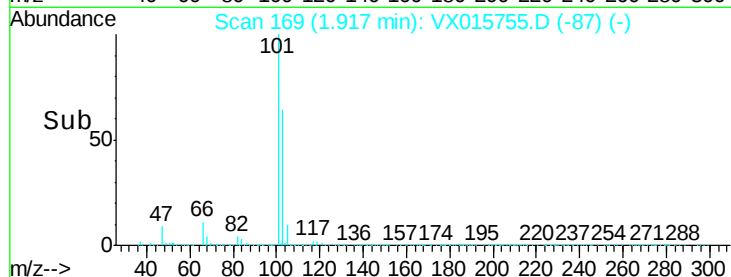
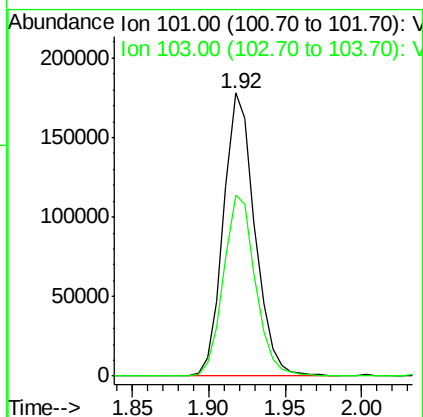
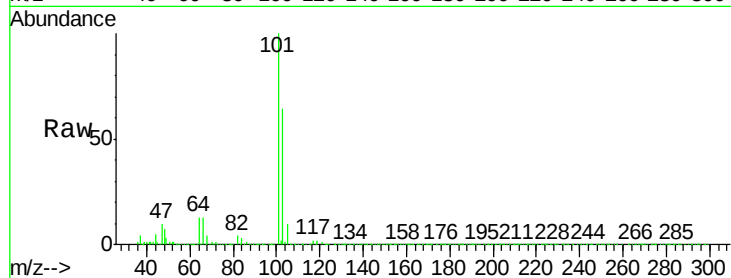
Trichlorofluoromethane
Concen: 17.685 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	49.9	74.9

Manual Integrations
APPROVED

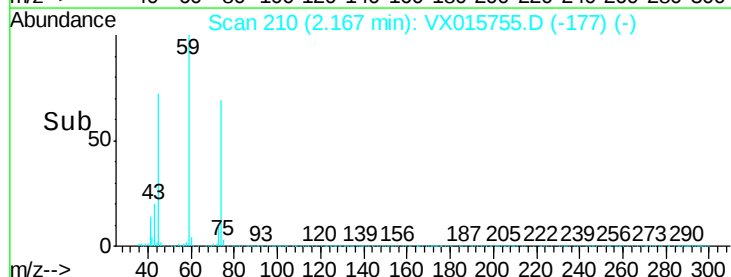
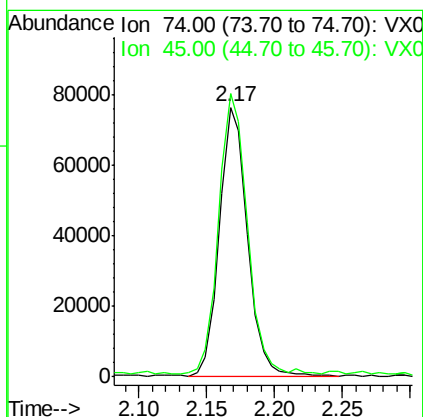
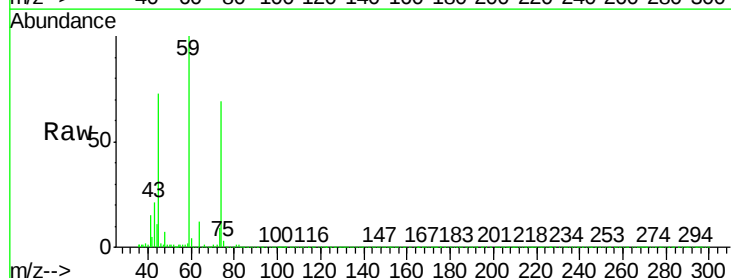
MMDadoda
4/20/2020 10:03:20 AM

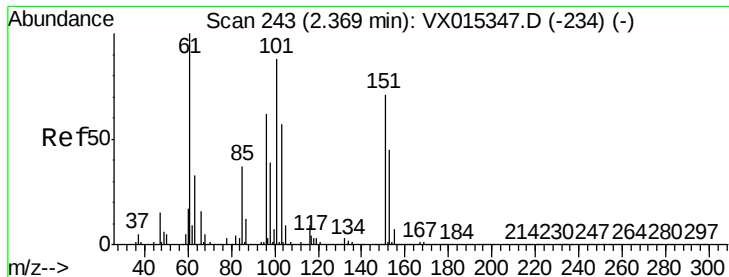


#8

Diethyl Ether
Concen: 19.884 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.889 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

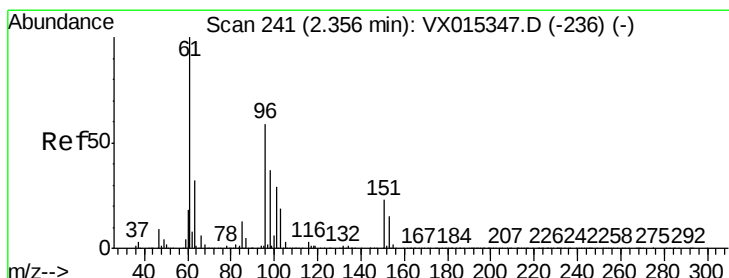
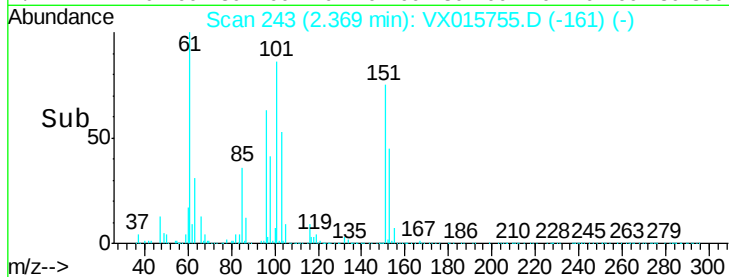
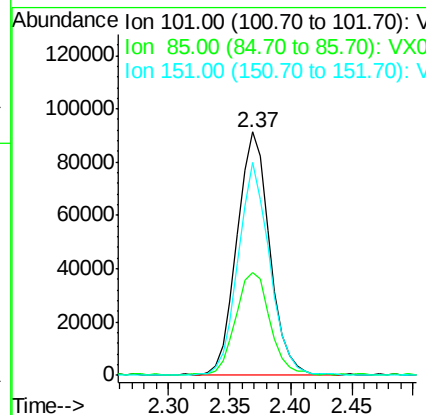
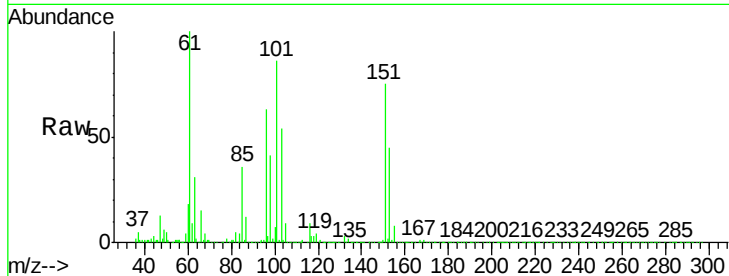
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	169304
Ion Ratio	Lower	Upper	
101	100		
85	43.3	0.0	85.8
151	84.5	0.0	164.6

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#10

1,1-Dichloroethene

Concen: 18.457 ug/l

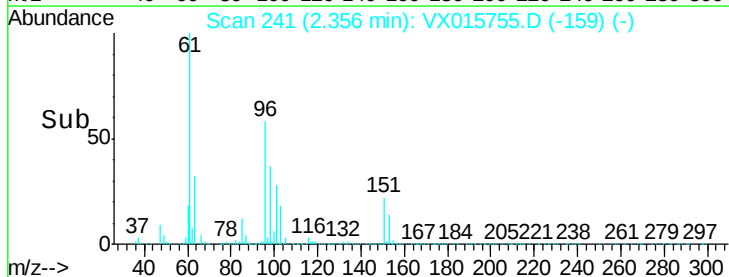
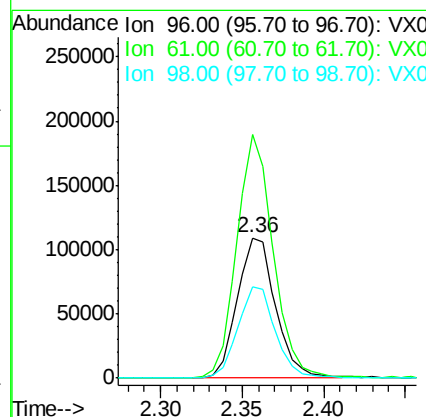
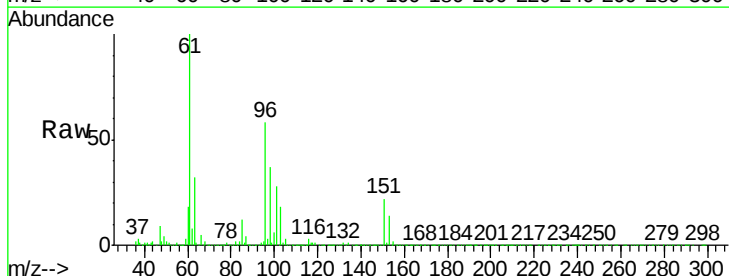
RT: 2.36 min Scan# 241

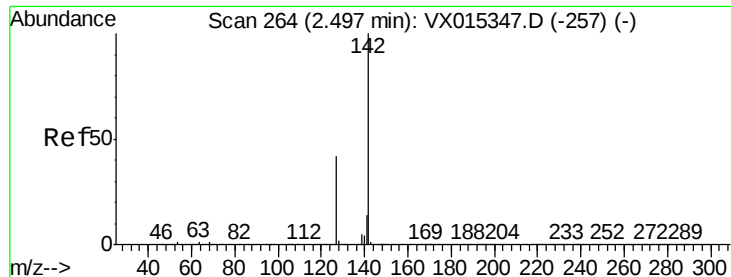
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion:	96	Resp:	177431
Ion Ratio	Lower	Upper	
96	100		
61	173.5	135.5	203.3
98	64.8	50.2	75.2





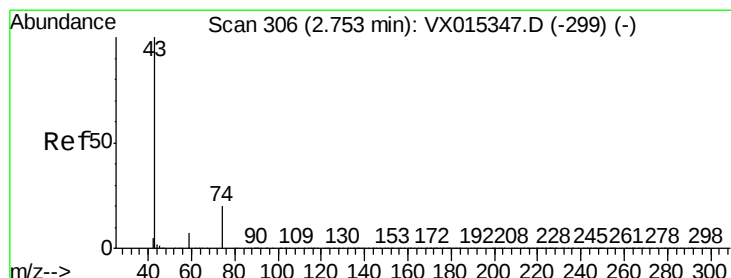
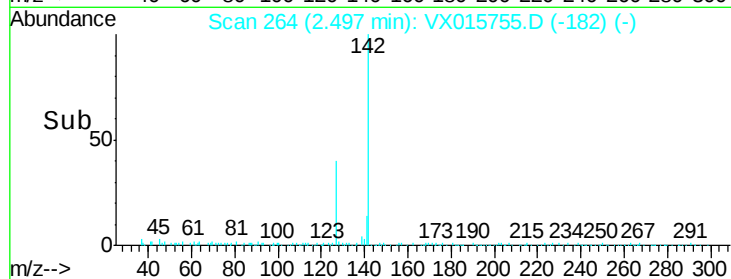
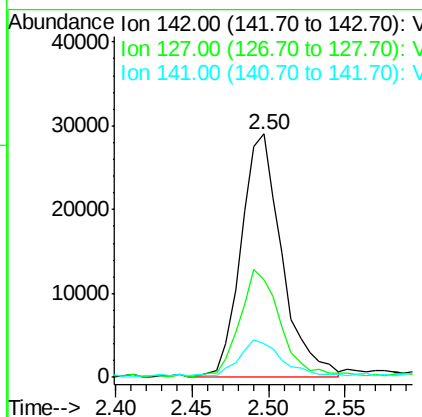
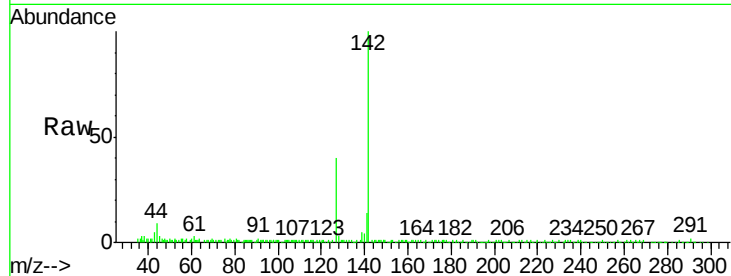
#11
Methvl Iodide
Concen: 4.225 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	142	Resp:	53974
Ion Ratio	Lower	Upper	
142	100		
127	39.8	21.0	63.0
141	13.4	6.9	20.7

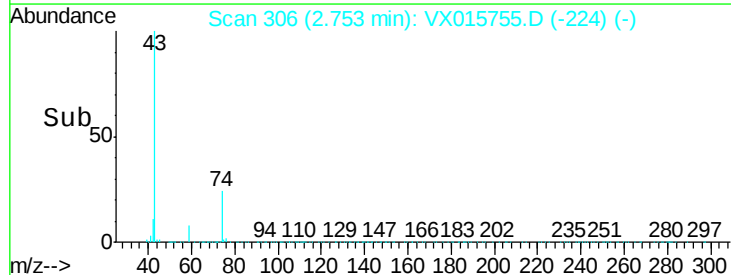
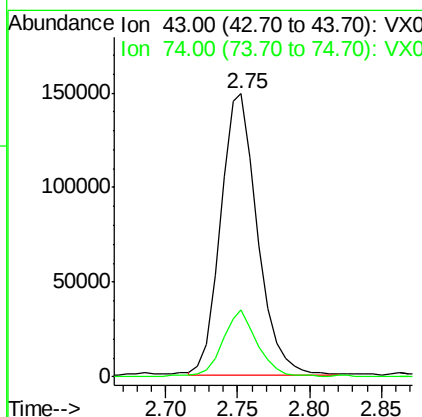
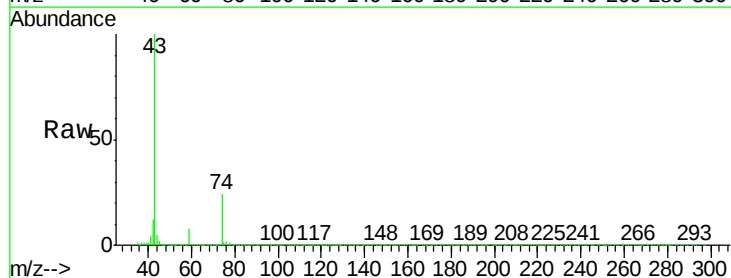
Manual Integrations
APPROVED

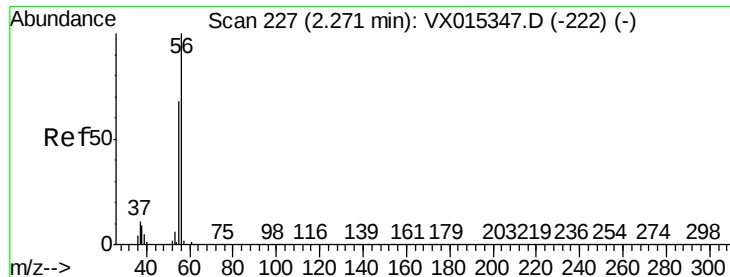
MMDadoda
4/20/2020 10:03:20 AM



#12
Methyl Acetate
Concen: 18.841 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion:	43	Resp:	265035
Ion Ratio	Lower	Upper	
43	100		
74	23.5	15.8	23.6





#13

Acrolein

Concen: 68.731 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 125773

Ion Ratio Lower Upper

56 100

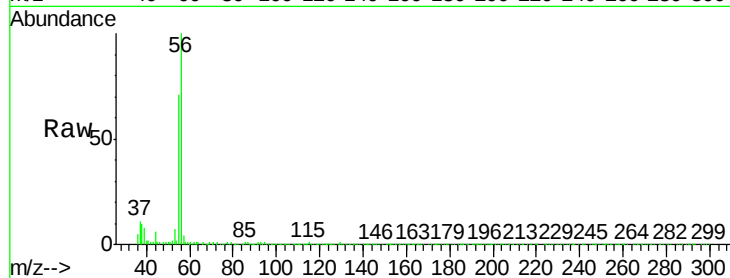
55 70.3 53.5 80.3

Manual Integrations

APPROVED

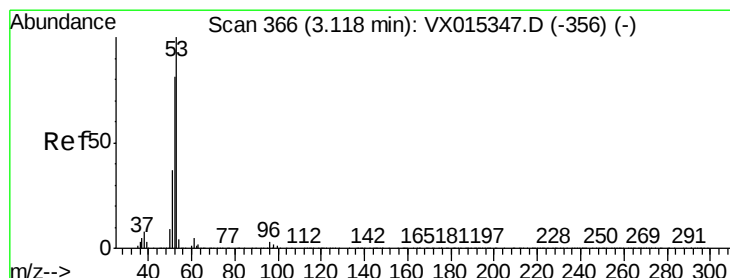
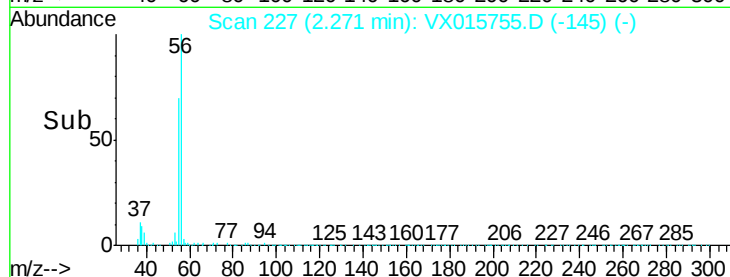
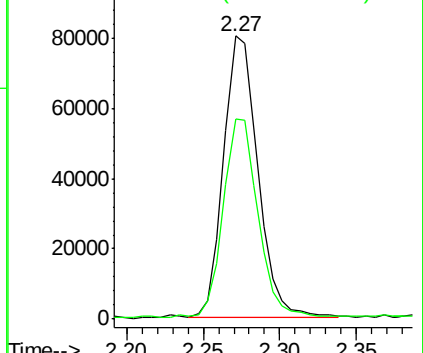
MMDadoda

4/20/2020 10:03:20 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 95.418 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

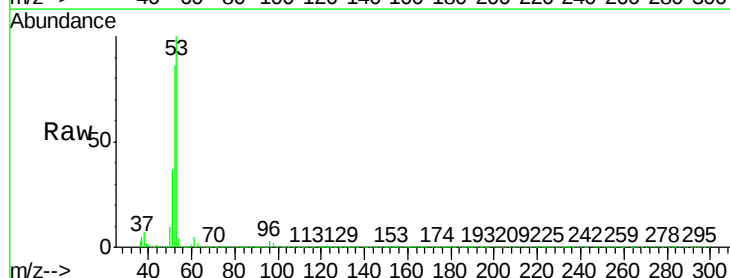
Tgt Ion: 53 Resp: 574632

Ion Ratio Lower Upper

53 100

52 83.5 41.0 123.2

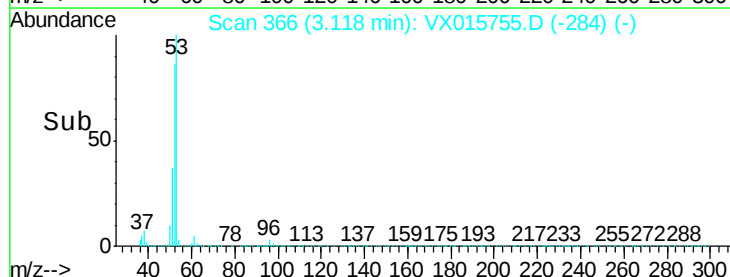
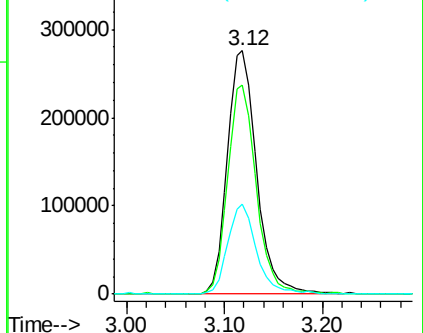
51 35.4 18.4 55.4

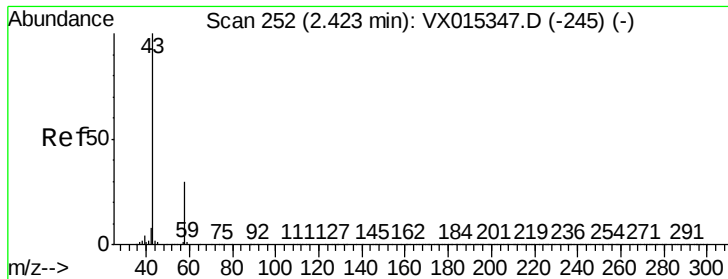


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 93.266 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tot Ion: 58 Resp: 142821

Ion Ratio Lower Upper

58 100

43 361.3 267.8 401.8

Instrument :

MSVOA_X

ClientSampleId :

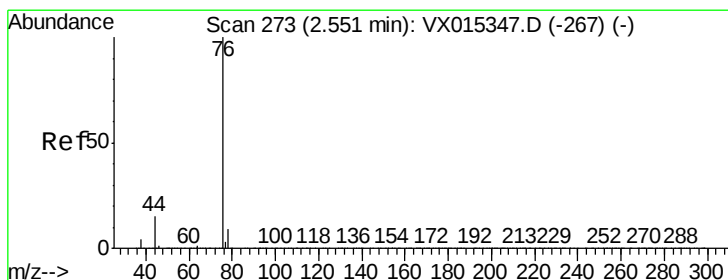
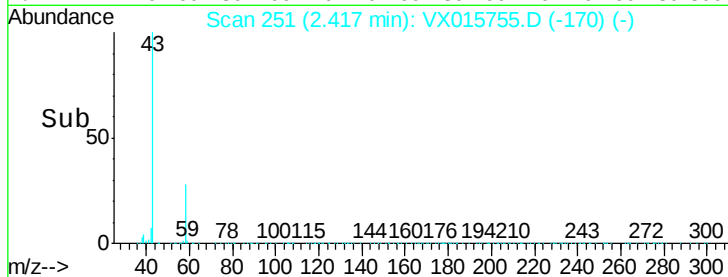
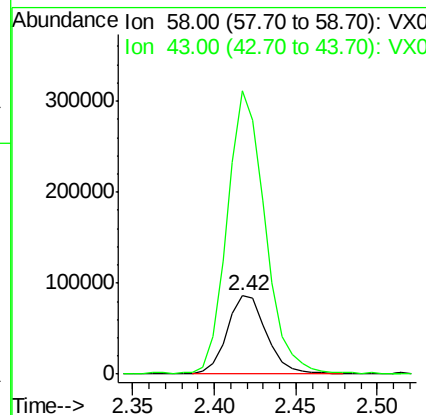
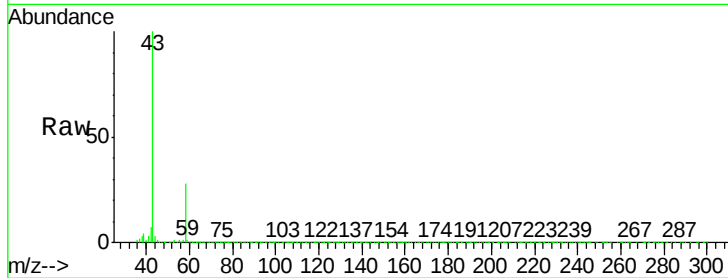
VSTDCCC020EC

Manual Integrations

APPROVED

MMDadoda

4/20/2020 10:03:20 AM



#16

Carbon Disulfide

Concen: 76.324 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015755.D

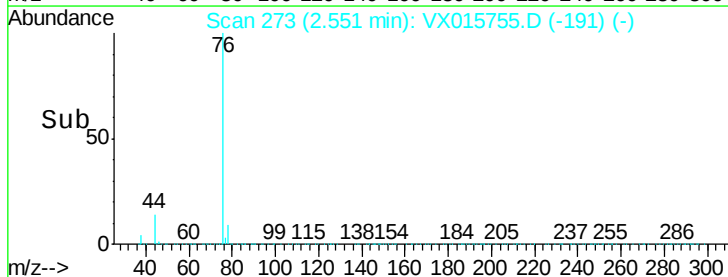
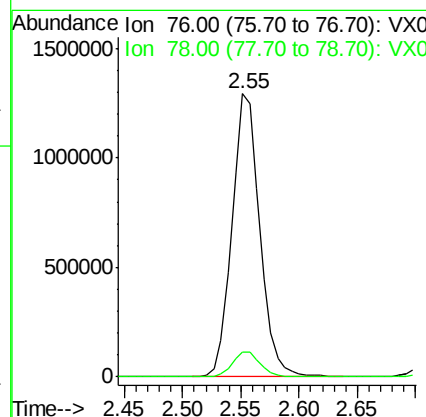
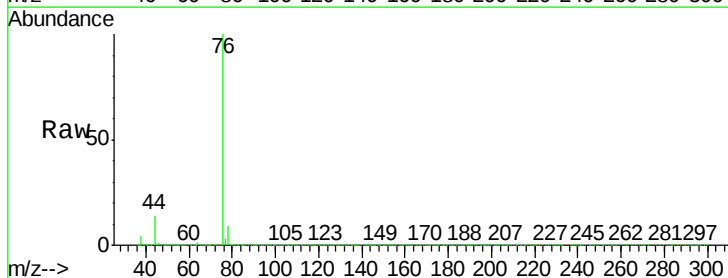
Acq: 17 Apr 2020 21:41

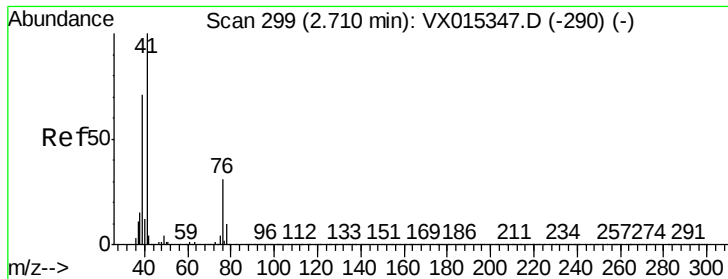
Tgt Ion: 76 Resp: 2144900

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2





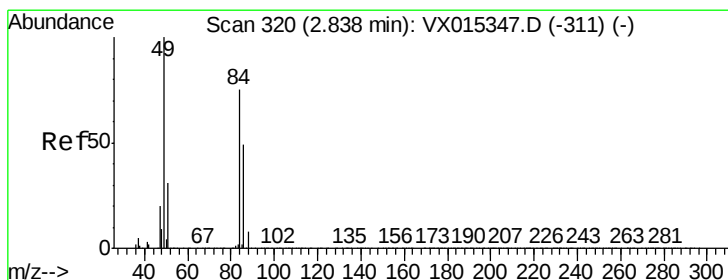
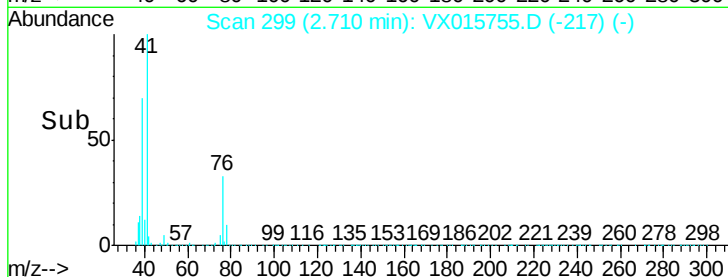
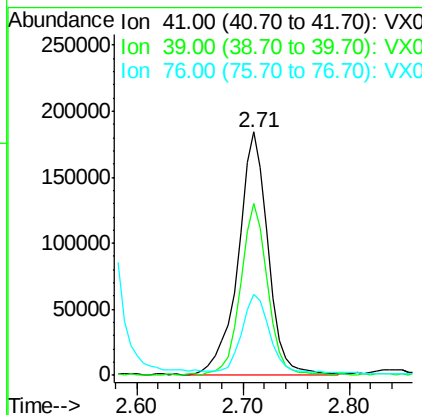
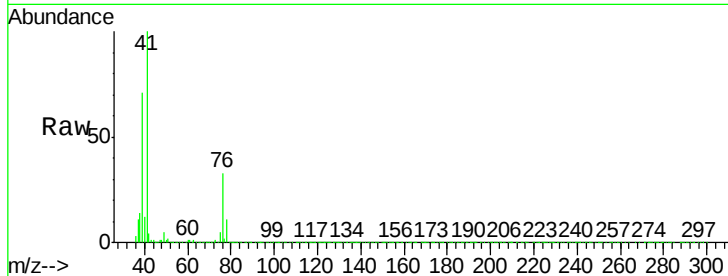
#17
Allvl chloride
Concen: 16.589 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.4	35.6	106.8
76	32.1	15.4	46.4

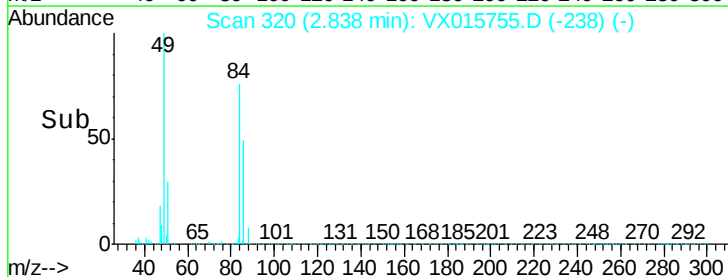
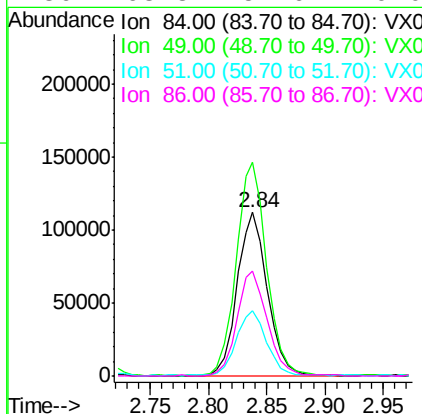
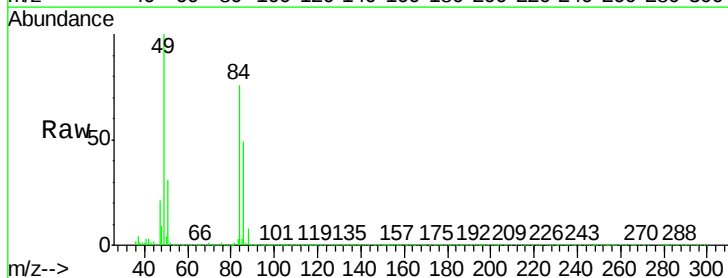
Manual Integrations
APPROVED

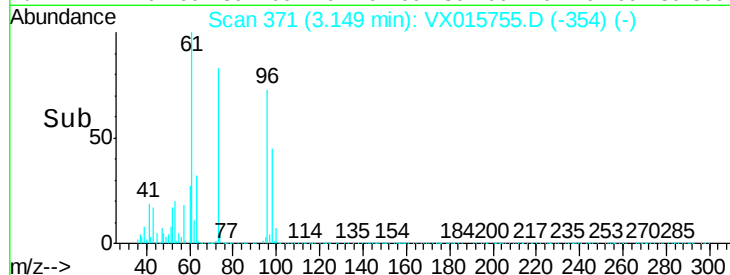
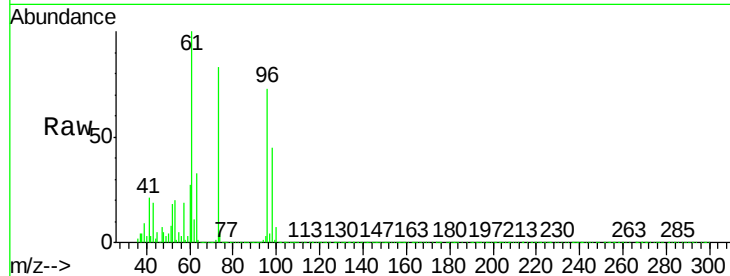
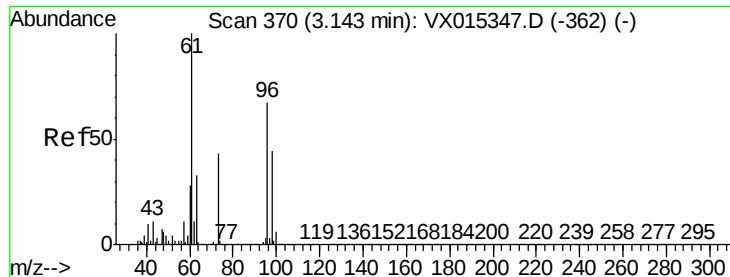
MMDadoda
4/20/2020 10:03:20 AM



#18
Methylene Chloride
Concen: 18.679 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.4	107.0	160.4
51	39.6	33.4	50.0
86	63.8	52.6	79.0





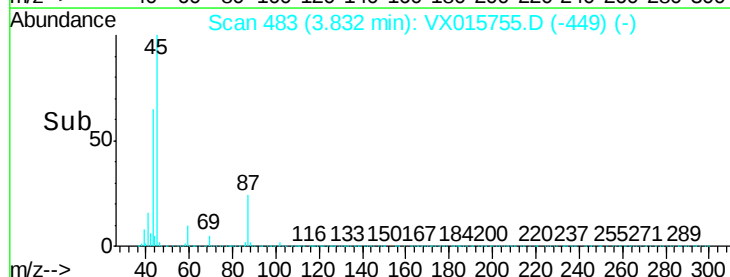
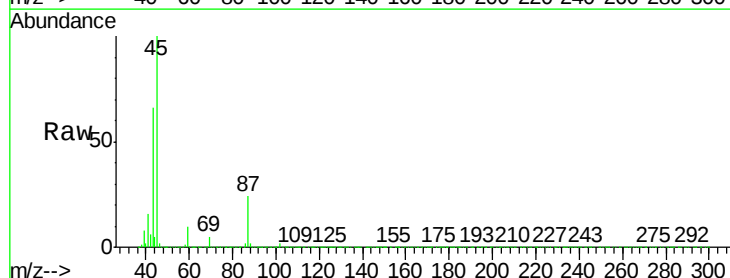
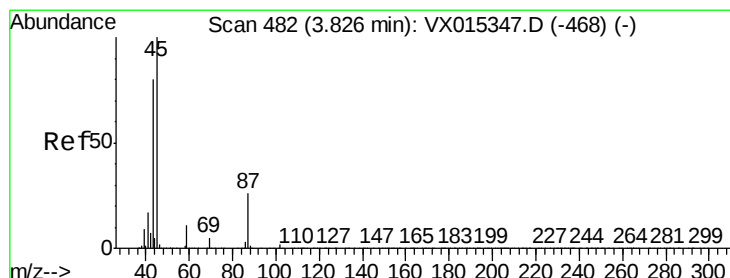
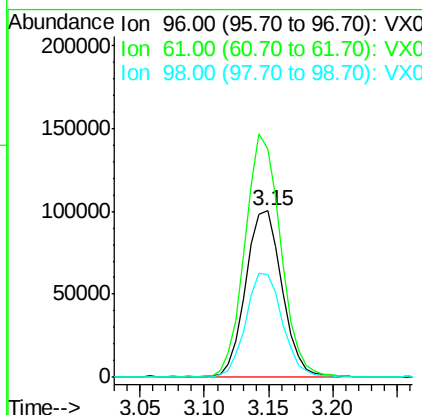
#19
trans-1,2-Dichloroethene
Concen: 18.792 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.01 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	118.2	177.2
98	61.5	51.9	77.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

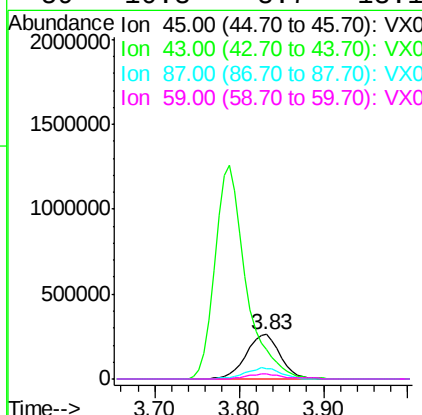
Manual Integrations
APPROVED

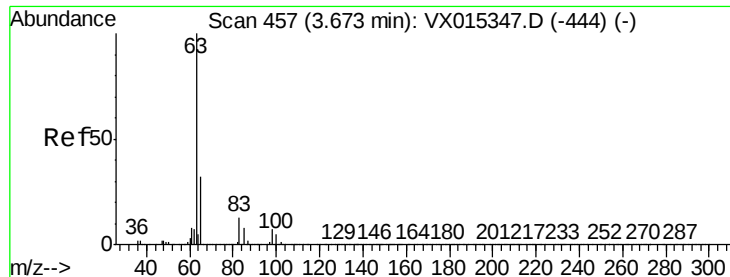
MMDadoda
4/20/2020 10:03:20 AM



#20
Diisopropyl ether
Concen: 18.487 ug/l
RT: 3.83 min Scan# 483
Delta R.T. 0.01 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.4	64.4	96.6
87	24.0	20.4	30.6
59	10.3	8.7	13.1





#21

1,1-Dichloroethane

Concen: 18.356 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

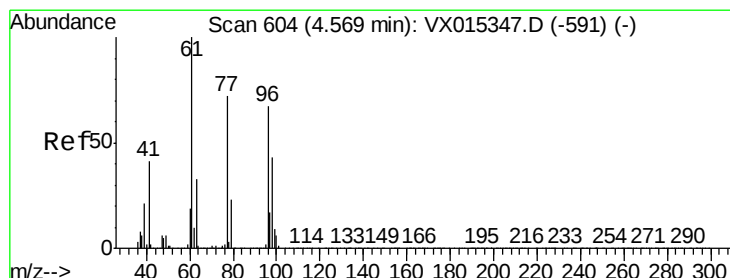
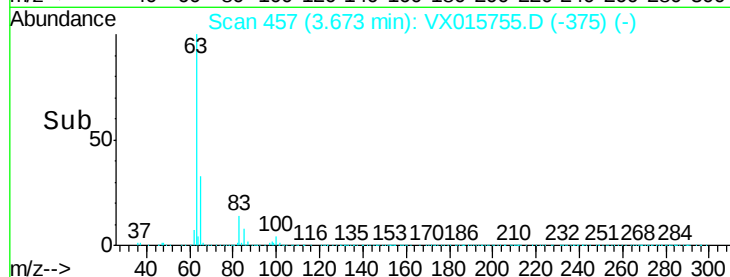
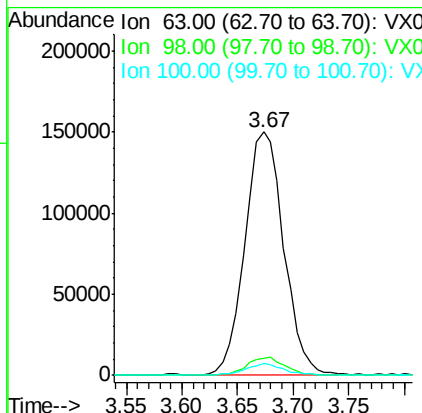
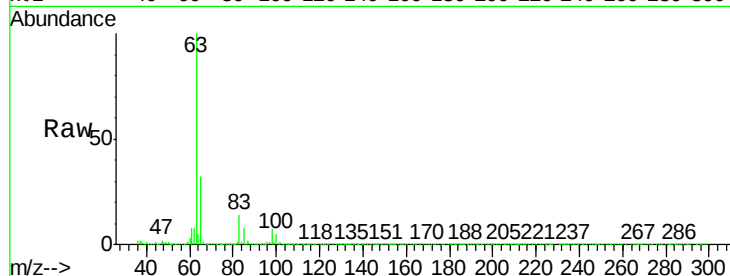
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	364745		
98	6.8	3.3	9.9	
100	4.6	2.3	6.8	

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#22

cis-1,2-Dichloroethene

Concen: 19.061 ug/l

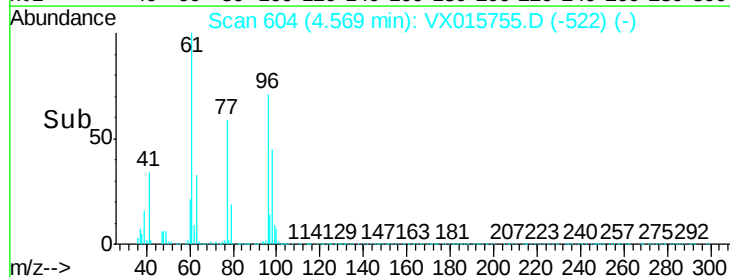
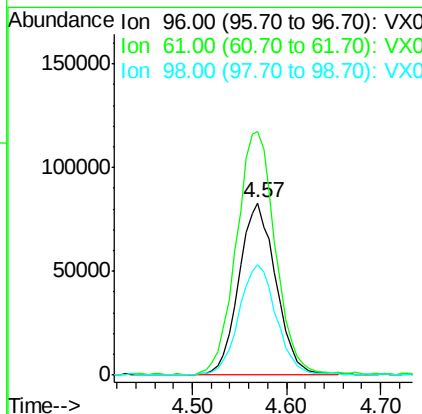
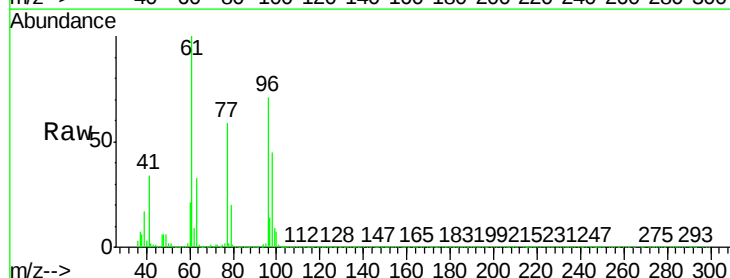
RT: 4.57 min Scan# 604

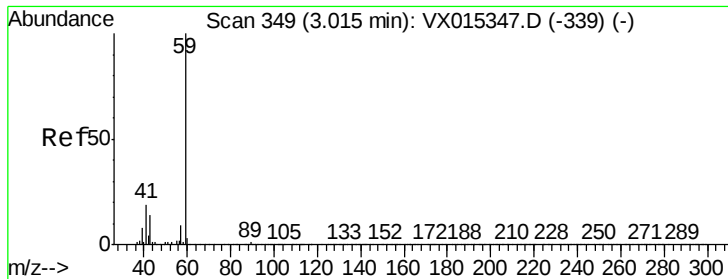
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	228354		
61	148.2	127.2	190.8	
98	64.5	51.8	77.6	





#23

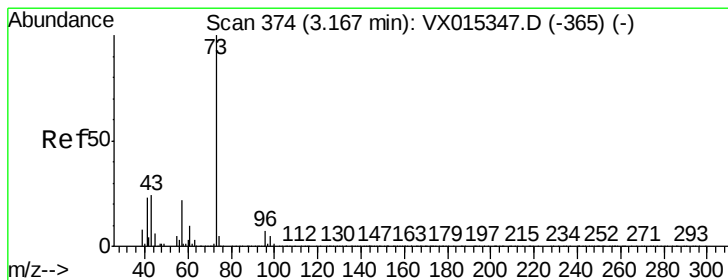
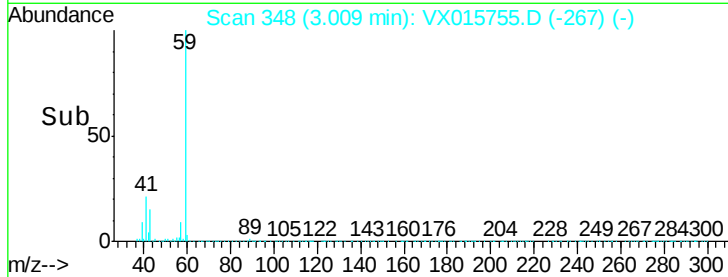
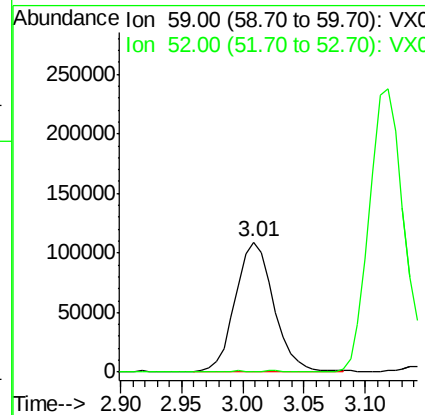
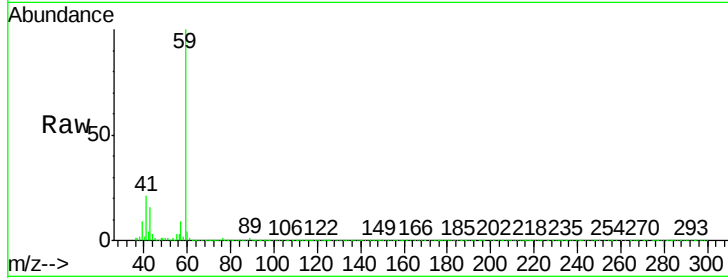
tert-Butyl Alcohol
 Concen: 80.315 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

Manual Integrations
 APPROVED

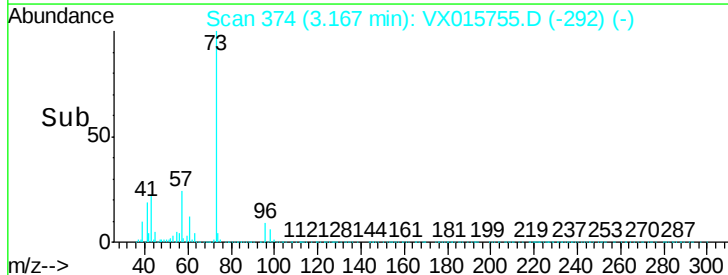
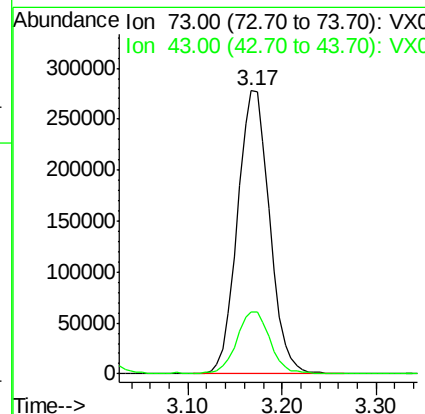
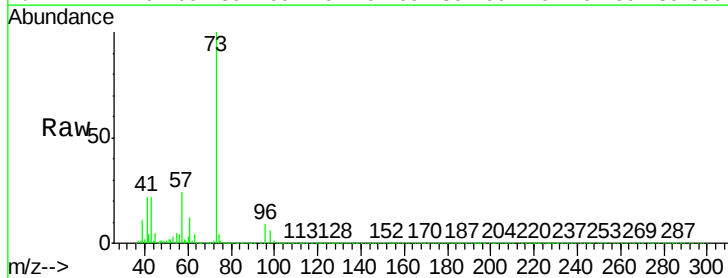
MMDadoda
 4/20/2020 10:03:20 AM

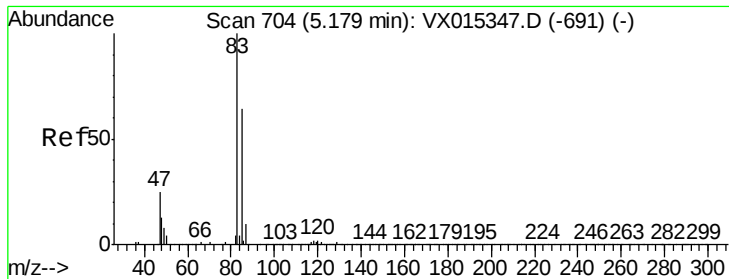


#24

Methyl tert-Butyl Ether
 Concen: 18.460 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.3	19.2	28.8





#25

Chloroform

Concen: 18.602 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 365377

Ion Ratio Lower Upper

83 100

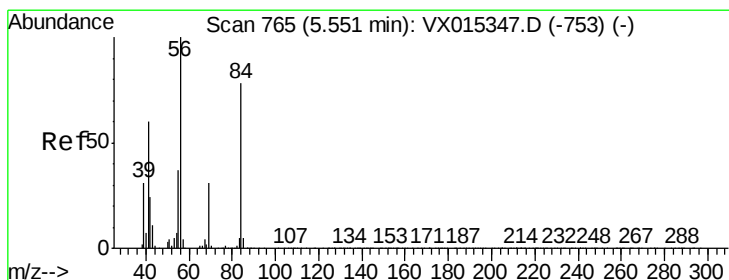
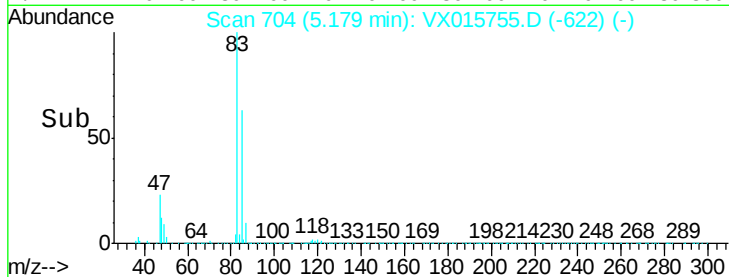
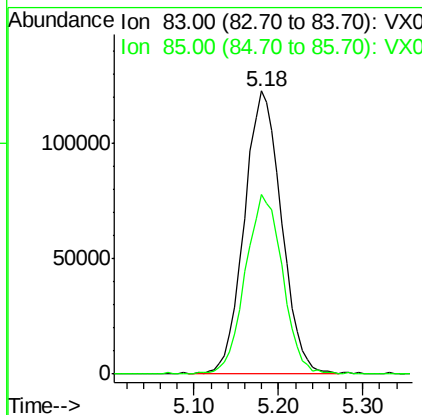
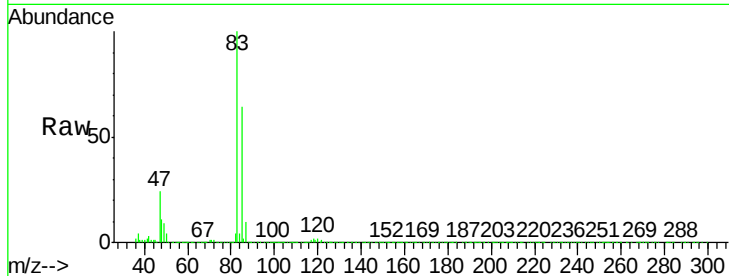
85 63.4 50.5 75.7

Manual Integrations

APPROVED

MMDadoda

4/20/2020 10:03:20 AM



#26

Cyclohexane

Concen: 17.186 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

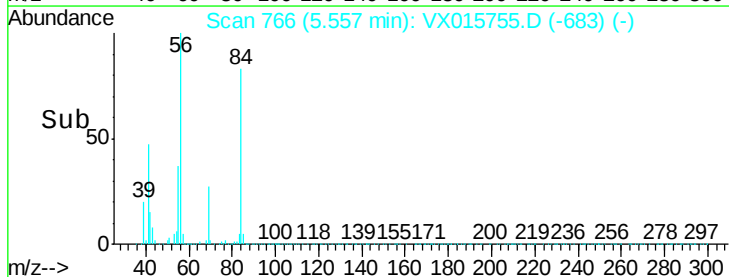
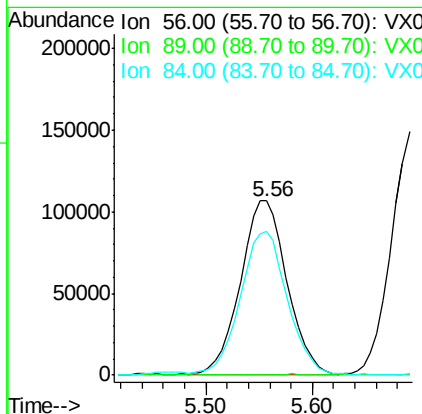
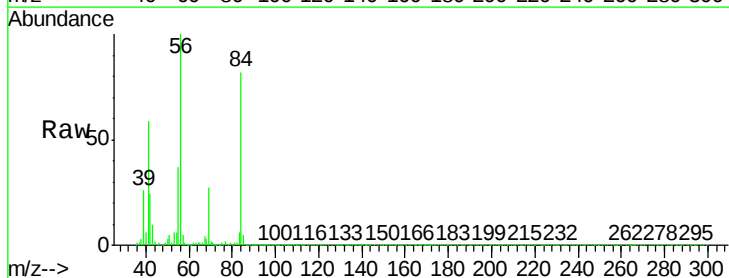
Tgt Ion: 56 Resp: 326292

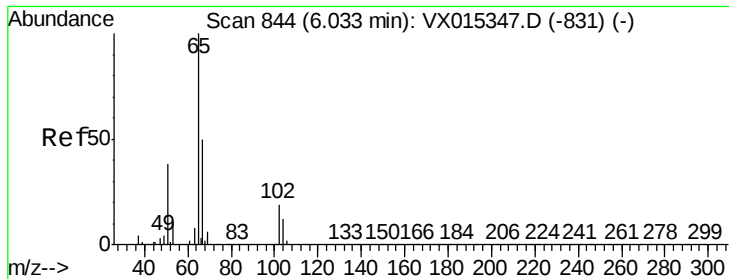
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 83.5 66.1 99.1





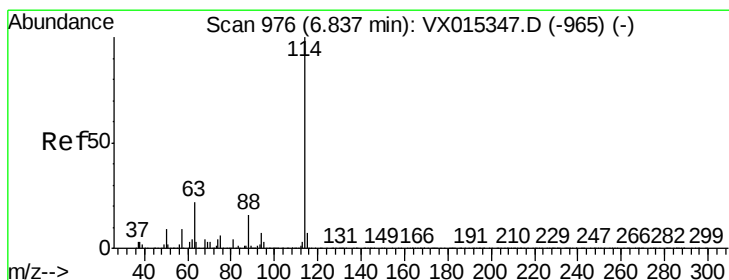
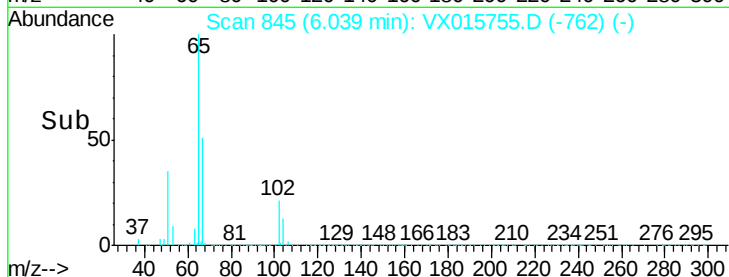
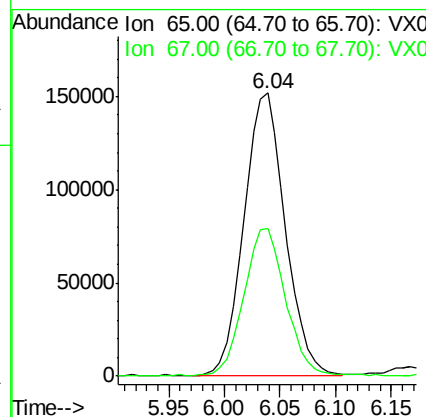
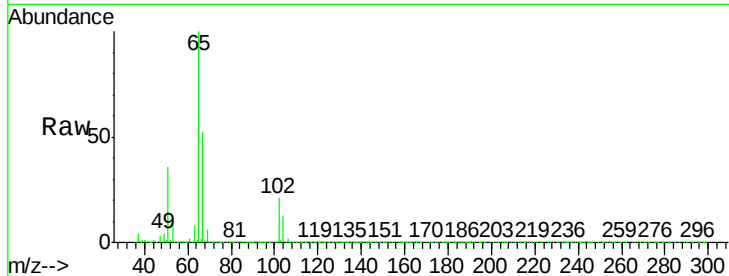
#27
 1,2-Dichloroethane-d4
 Concen: 28.415 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	40.9	61.3

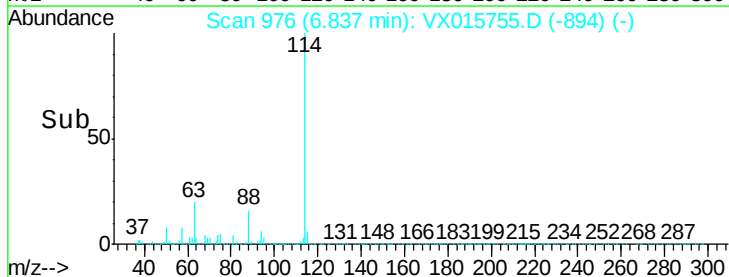
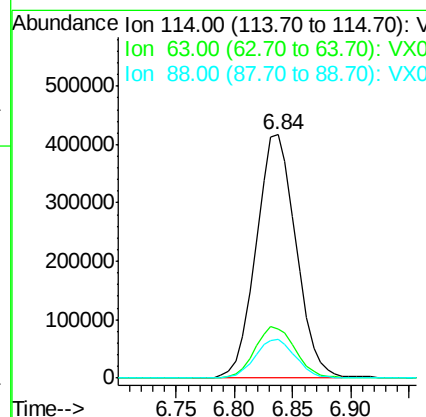
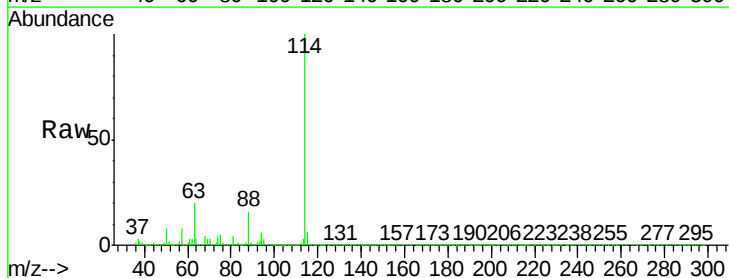
Manual Integrations
 APPROVED

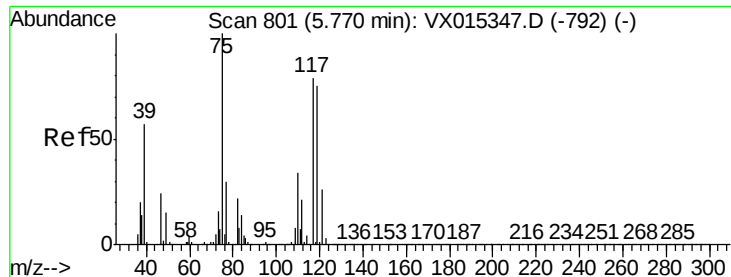
MMDadoda
 4/20/2020 10:03:20 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	17.4	26.2
88	16.1	12.9	19.3





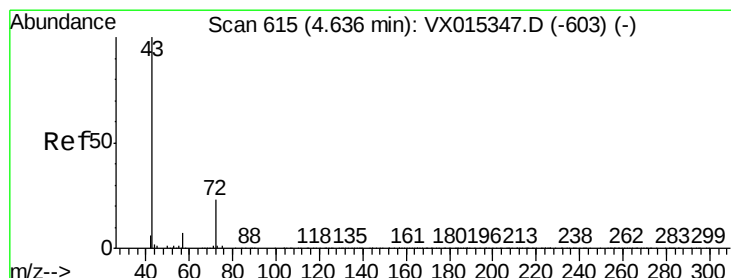
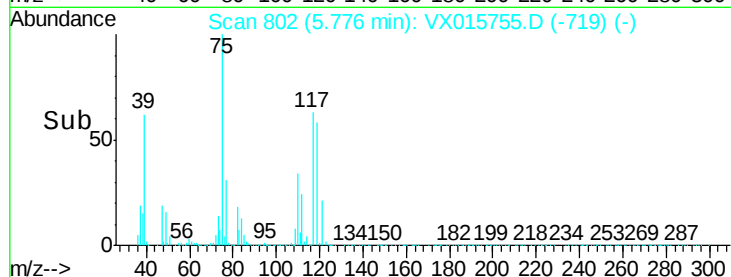
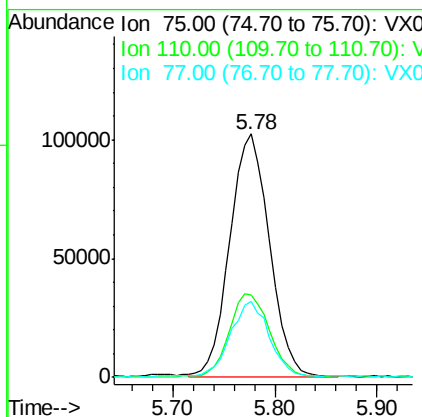
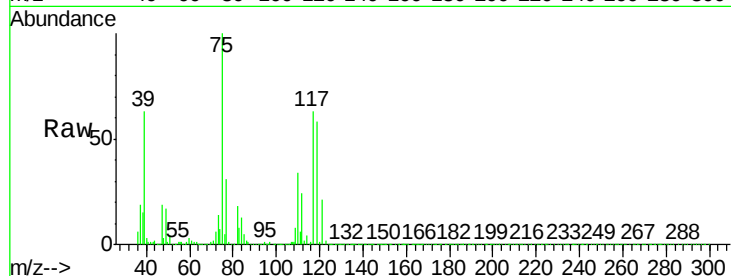
#29
 1,1-Dichloropropene
 Concen: 18.578 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	75	Resp:	275778
Ion Ratio	Lower	Upper	
75	100		
110	34.7	0.0	71.2
77	30.8	0.0	62.2

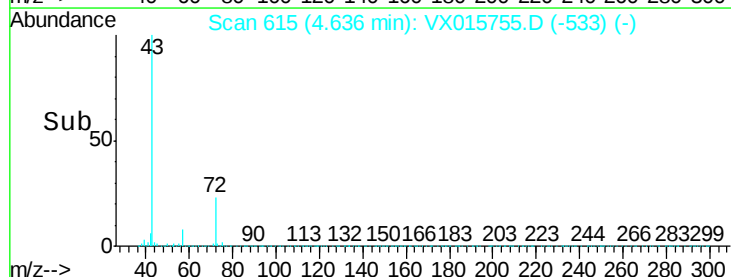
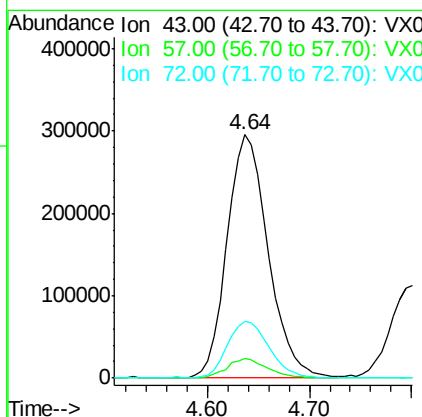
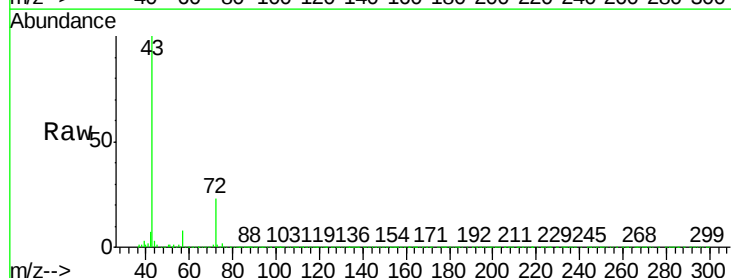
Manual Integrations
 APPROVED

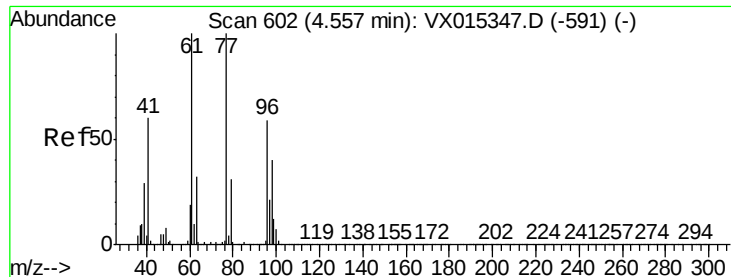
MMDadoda
 4/20/2020 10:03:20 AM



#30
 2-Butanone
 Concen: 91.873 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Tgt Ion:	43	Resp:	817553
Ion Ratio	Lower	Upper	
43	100		
57	7.7	5.9	8.9
72	23.0	18.6	27.8





#31

2,2-Dichloropropane

Concen: 15.241 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 272262

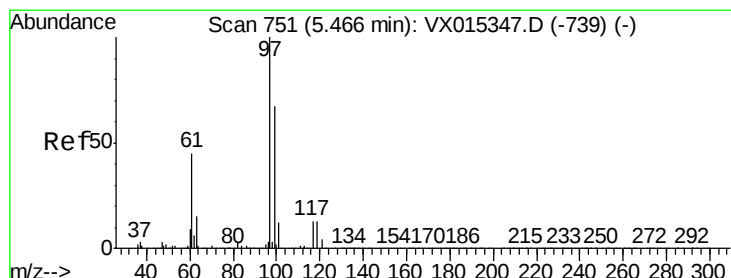
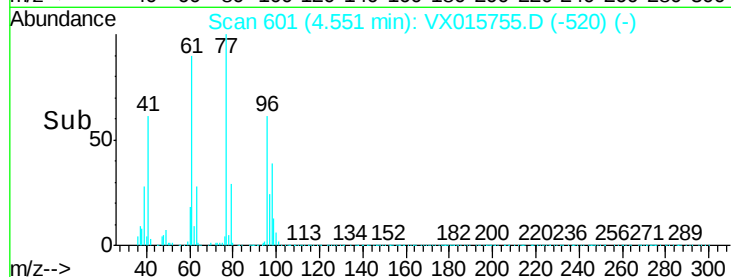
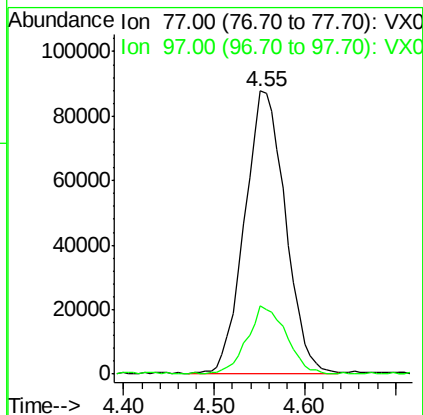
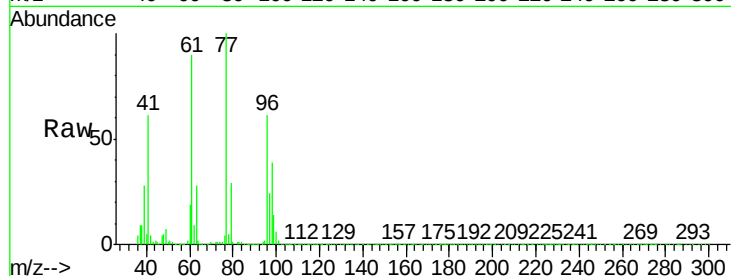
Ion Ratio Lower Upper

77 100

97 22.7 17.8 26.8

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#32

1,1,1-Trichloroethane

Concen: 17.546 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

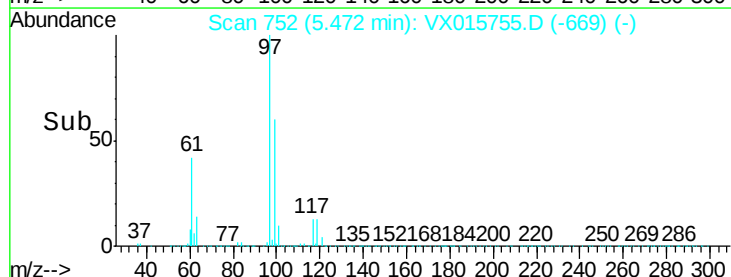
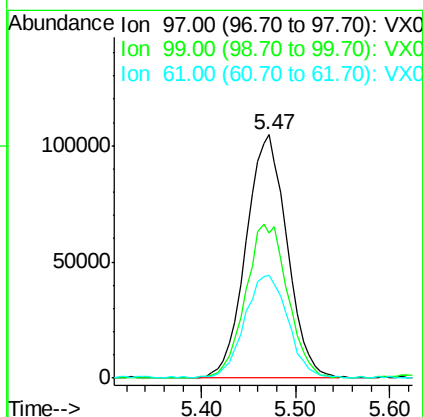
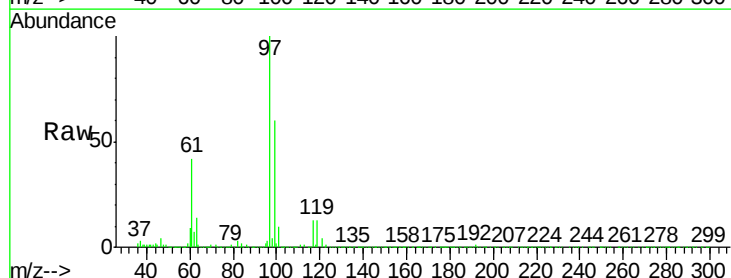
Tgt Ion: 97 Resp: 317781

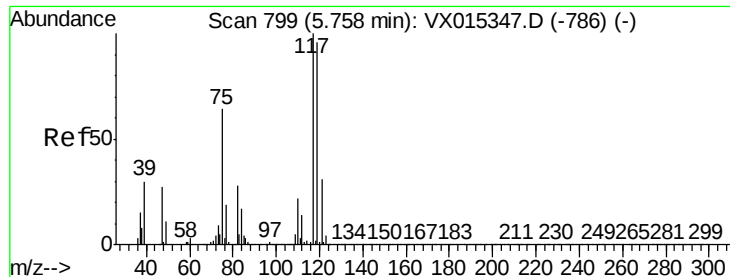
Ion Ratio Lower Upper

97 100

99 38.9 51.0 76.4#

61 44.5 35.8 53.8





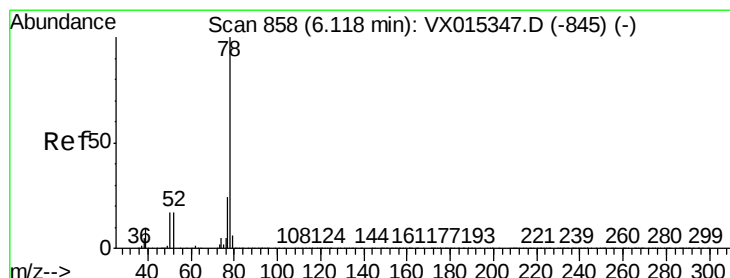
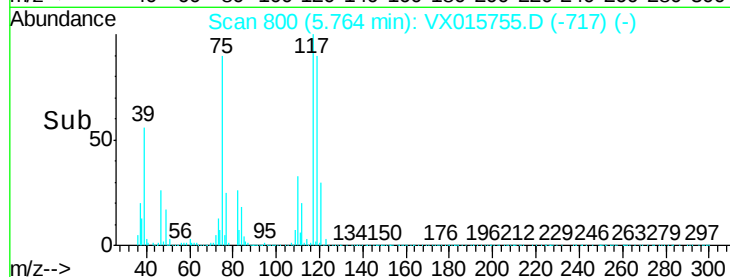
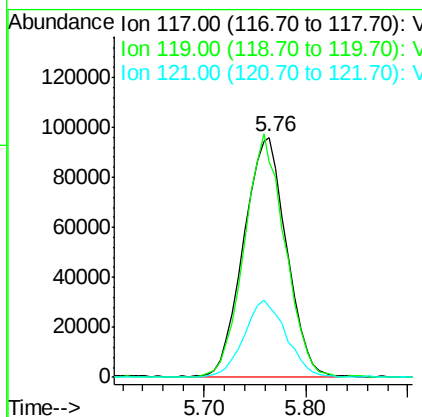
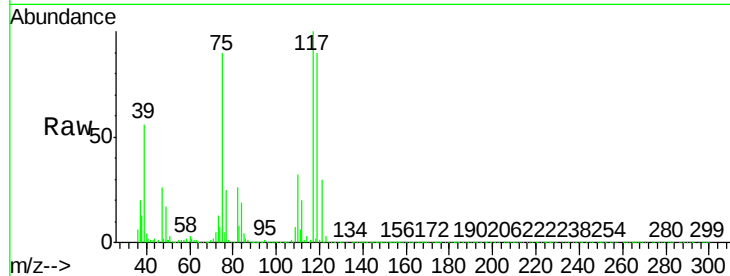
#33
Carbon Tetrachloride
Concen: 17.039 ug/l
RT: 5.76 min Scan# 800
Delta R.T. 0.01 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.8	76.6	114.8
121	29.5	25.0	37.4

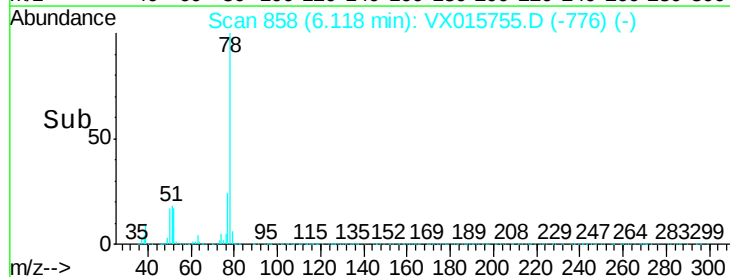
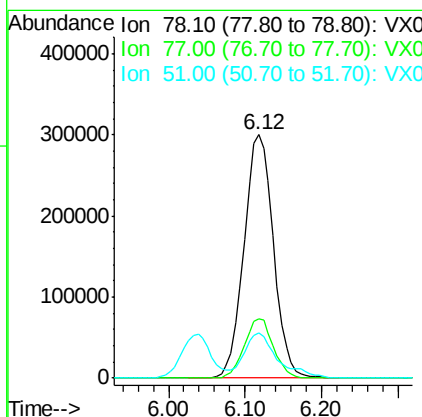
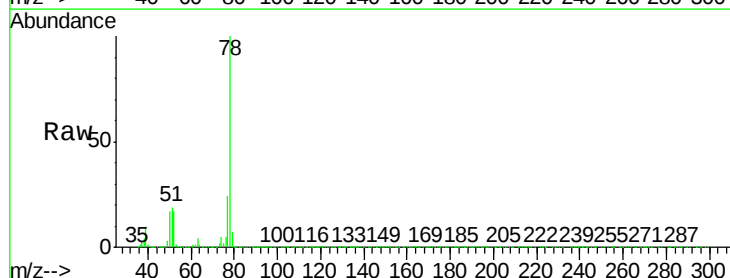
Manual Integrations
APPROVED

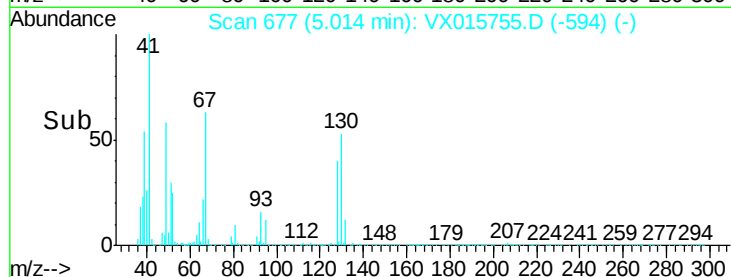
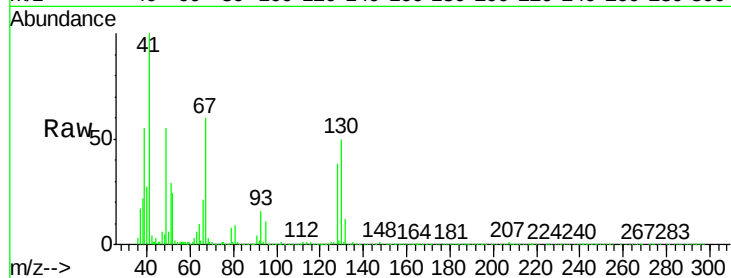
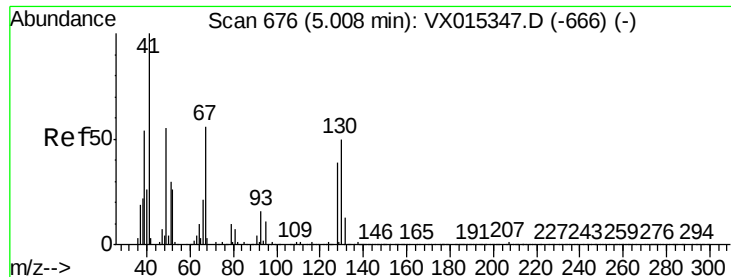
MMDadoda
4/20/2020 10:03:20 AM



#34
Benzene
Concen: 18.752 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2
51	18.4	14.6	21.8





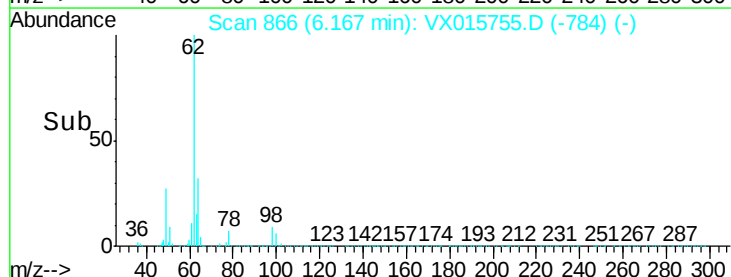
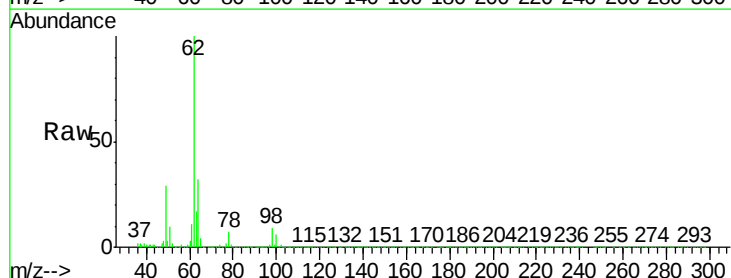
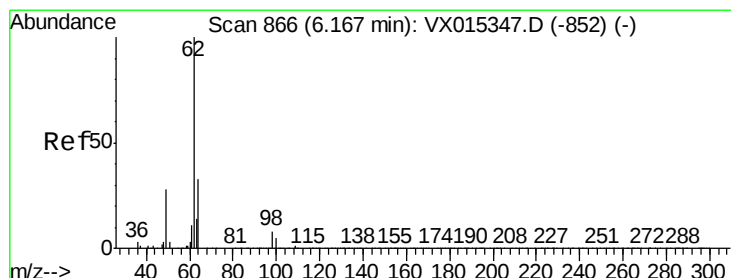
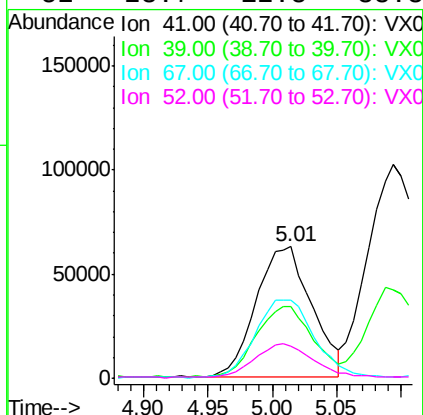
#35
Methacrylonitrile
Concen: 18.686 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		188557		
39	54.2	27.0	81.0		
67	59.7	28.2	84.6		
52	23.7	12.8	38.3		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

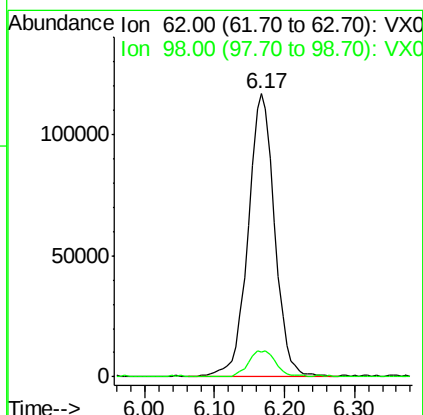
Manual Integrations
APPROVED

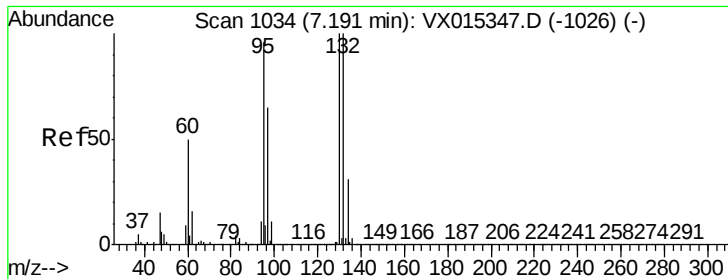
MMDadoda
4/20/2020 10:03:20 AM



#36
1,2-Dichloroethane
Concen: 18.445 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		304928		
98	9.5	6.9	10.3		





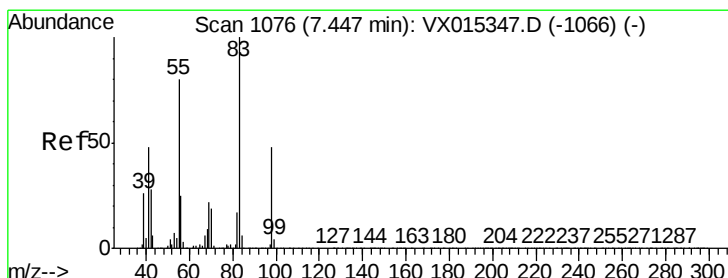
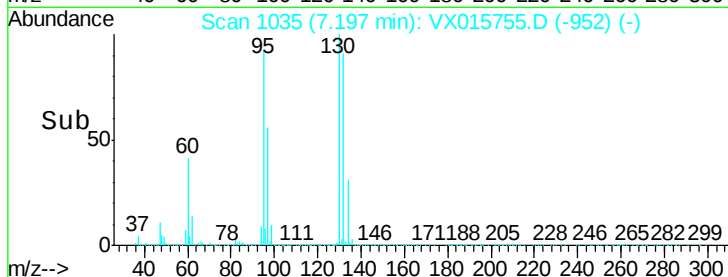
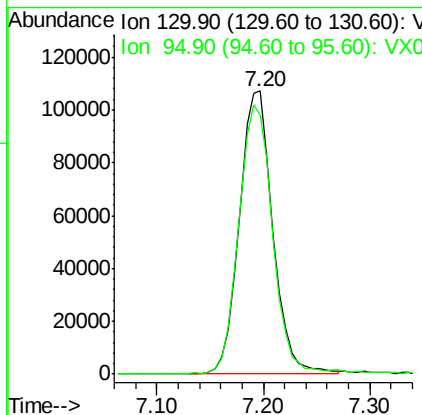
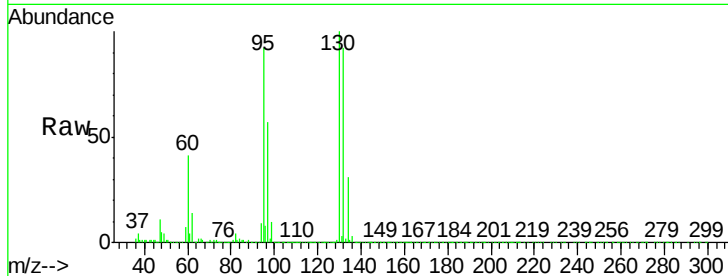
#37
 Trichloroethene
 Concen: 19.627 ug/l
 RT: 7.20 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
130	100	236435		
95	91.4	76.4	114.6	

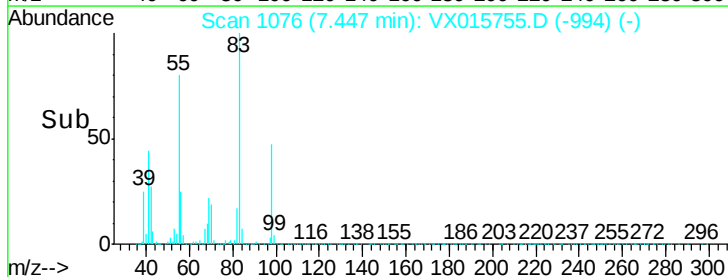
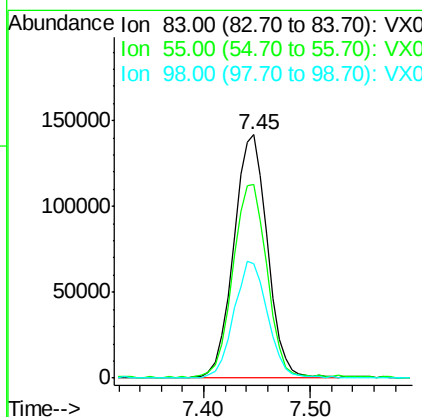
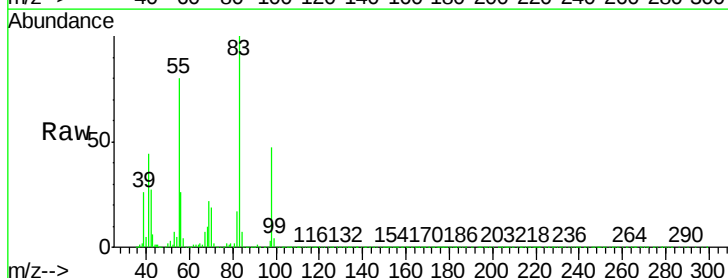
Manual Integrations
 APPROVED

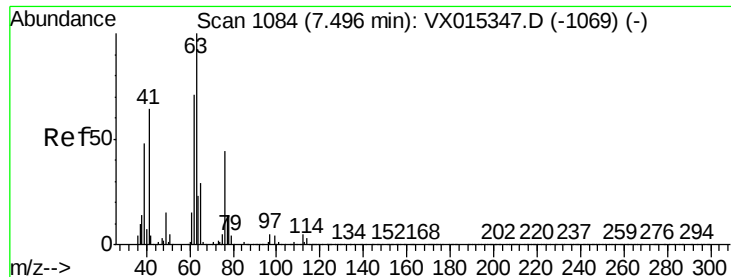
MMDadoda
 4/20/2020 10:03:20 AM



#38
 Methylcyclohexane
 Concen: 17.303 ug/l
 RT: 7.45 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	314869		
55	80.5	41.3	124.1	
98	48.0	24.0	72.0	





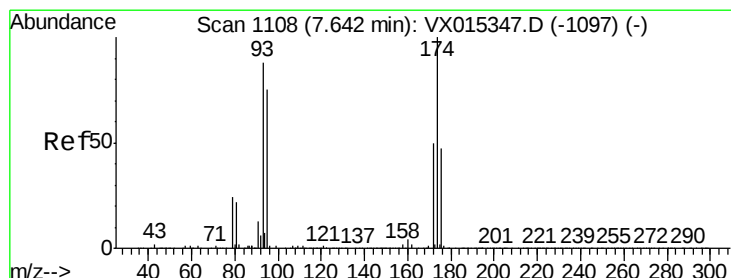
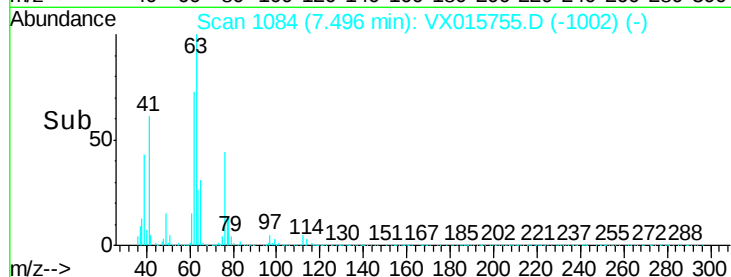
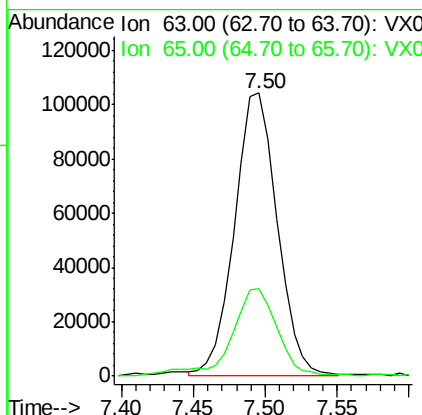
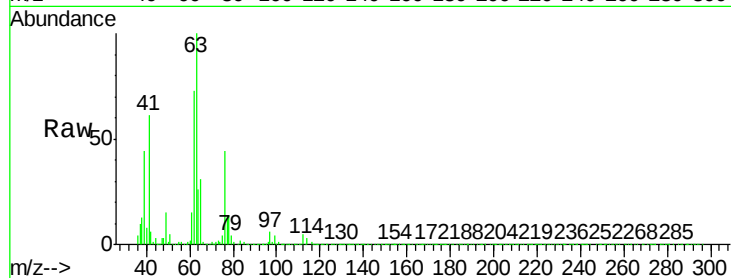
#39
 1,2-Dichloropropane
 Concen: 18.618 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.0	34.4

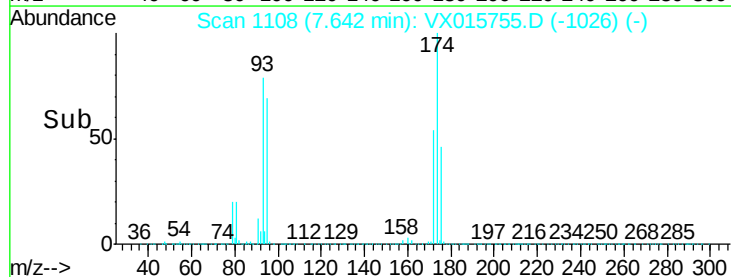
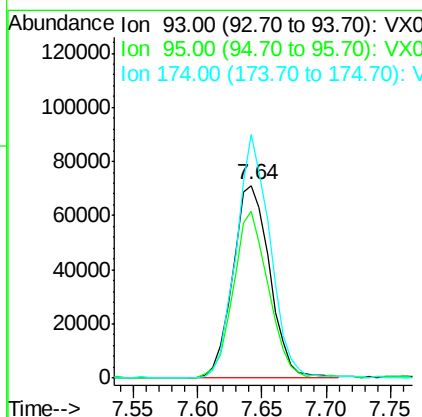
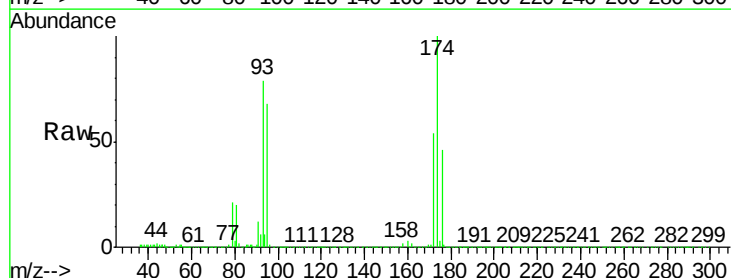
Manual Integrations
 APPROVED

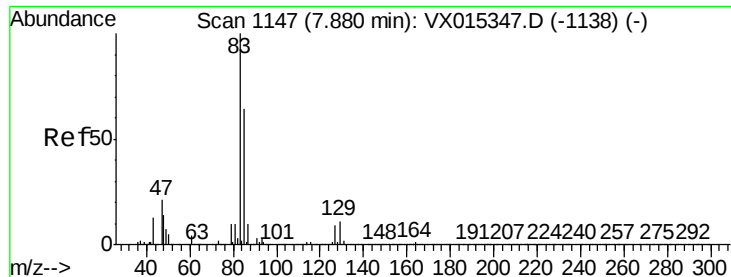
MMDadoda
 4/20/2020 10:03:20 AM



#40
 Dibromomethane
 Concen: 18.457 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	0.0	166.4
174	114.9	0.0	225.4





#41

Bromodichloromethane

Concen: 17.125 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

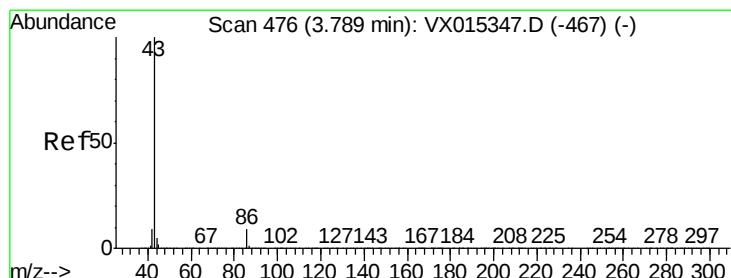
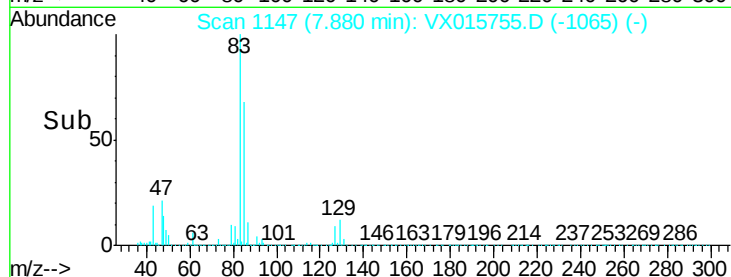
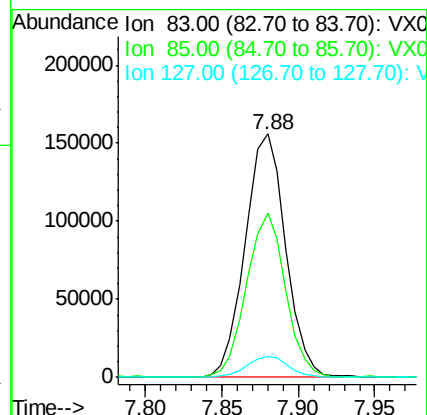
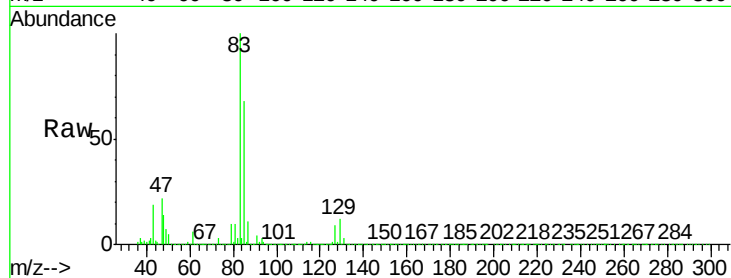
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	284667
Ion Ratio	Lower	Upper	
83	100		
85	67.5	51.6	77.4
127	8.6	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#42

Vinyl Acetate

Concen: 94.351 ug/l

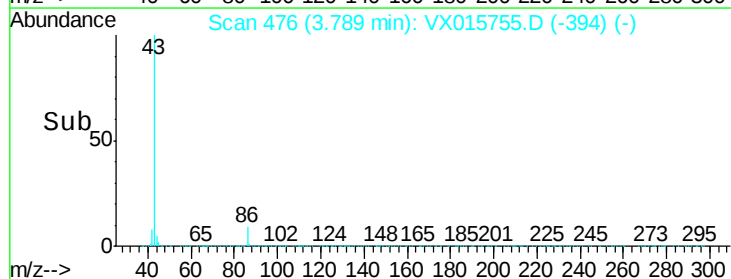
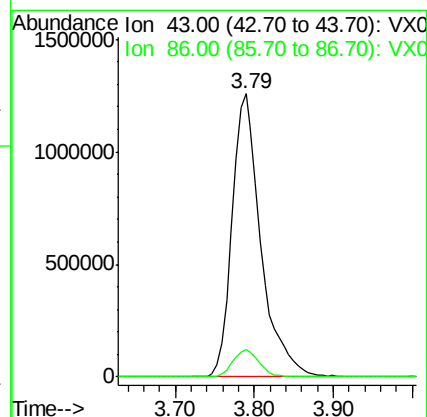
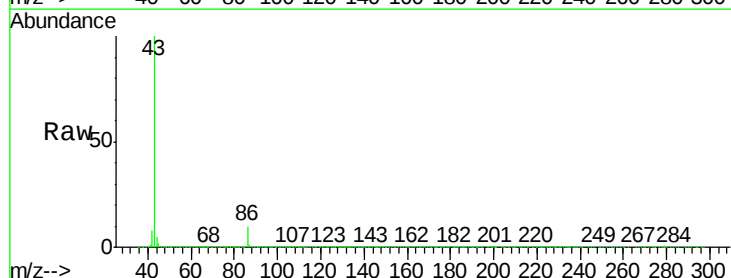
RT: 3.79 min Scan# 476

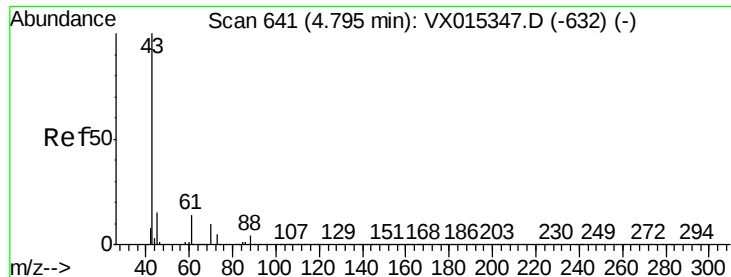
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion:	43	Resp:	3181263
Ion Ratio	Lower	Upper	
43	100		
86	8.7	6.9	10.3





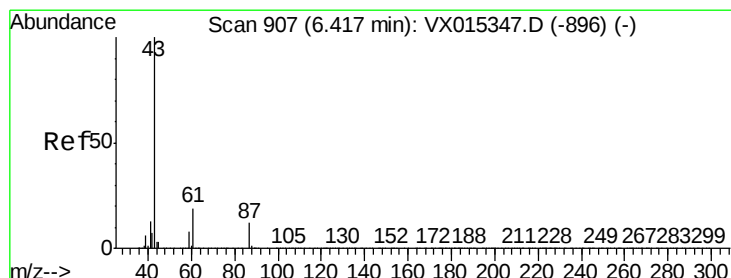
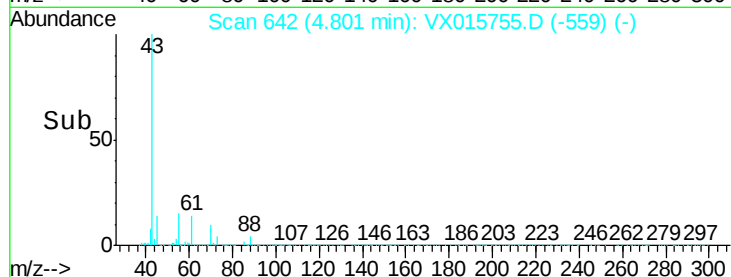
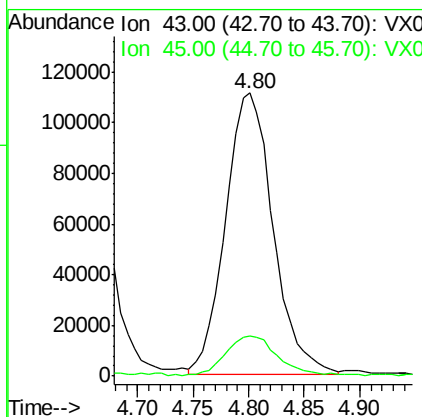
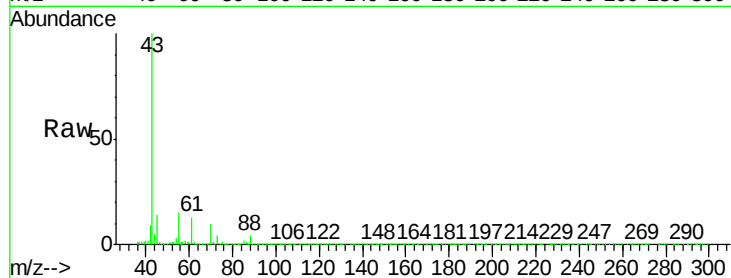
#43
Ethyl Acetate
Concen: 17.073 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.0	12.2	18.4

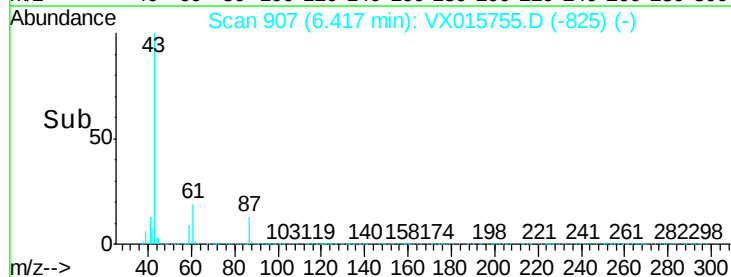
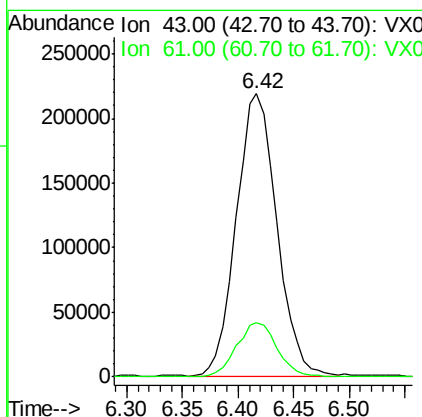
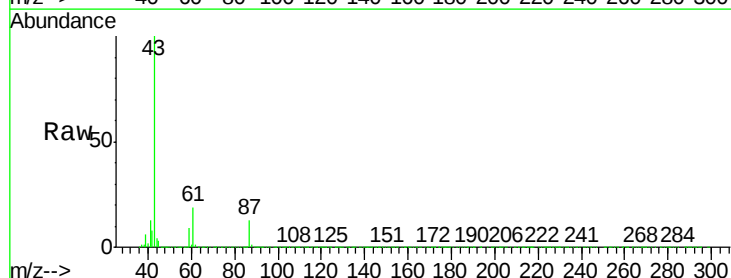
Manual Integrations
APPROVED

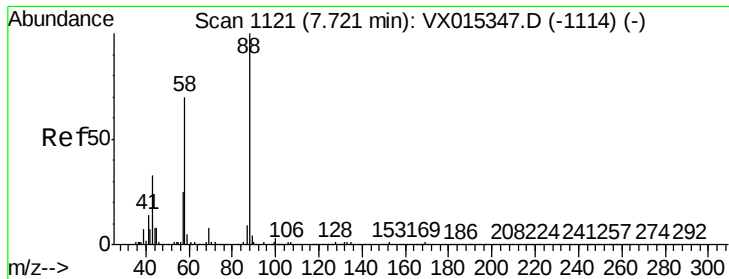
MMDadoda
4/20/2020 10:03:20 AM



#44
Isopropyl Acetate
Concen: 17.708 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.6	22.0





#45

1,4-Dioxane

Concen: 330.547 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

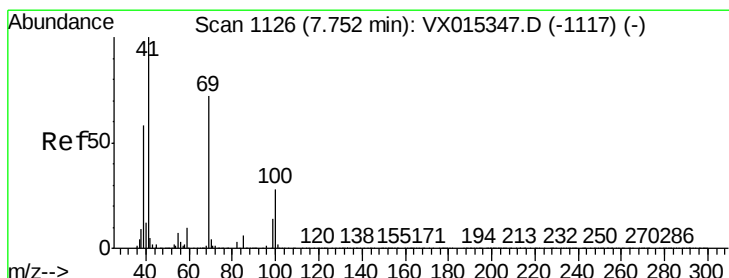
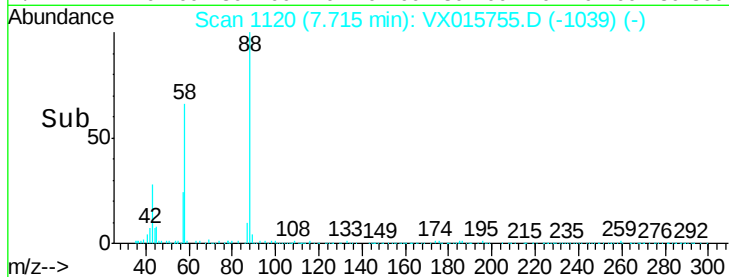
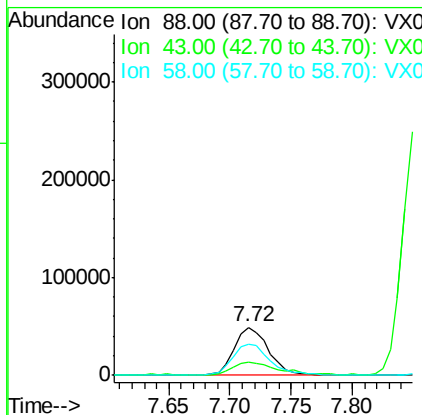
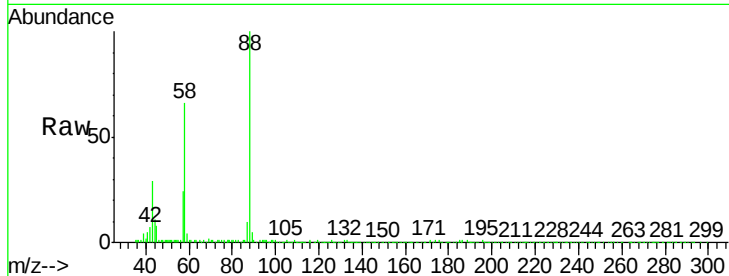
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	94859
Ion Ratio	Lower	Upper	
88	100		
43	30.2	32.1	48.1#
58	70.2	59.4	89.0

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#46

Methyl methacrylate

Concen: 17.483 ug/l

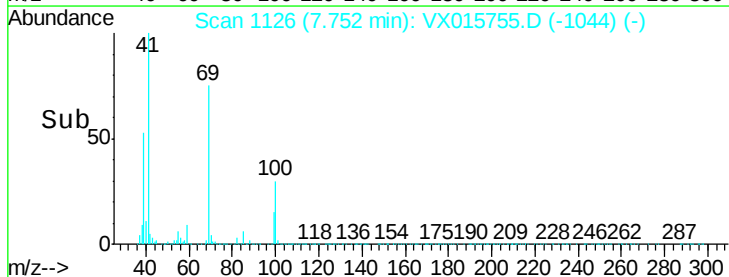
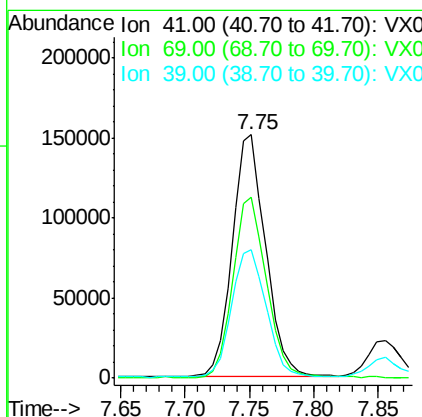
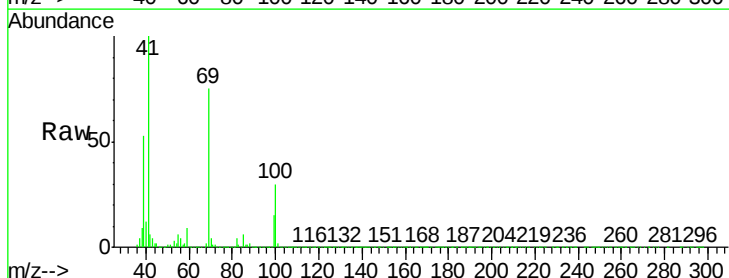
RT: 7.75 min Scan# 1126

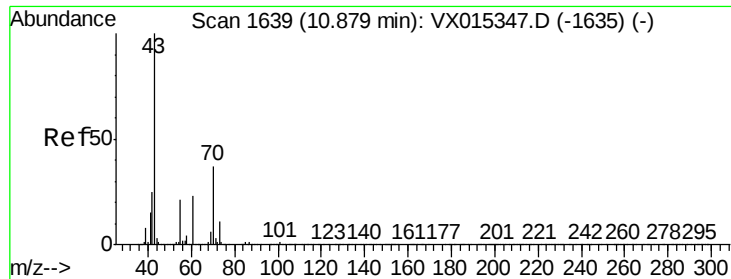
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion:	41	Resp:	271776
Ion Ratio	Lower	Upper	
41	100		
69	74.8	35.8	107.4
39	52.3	28.9	86.8





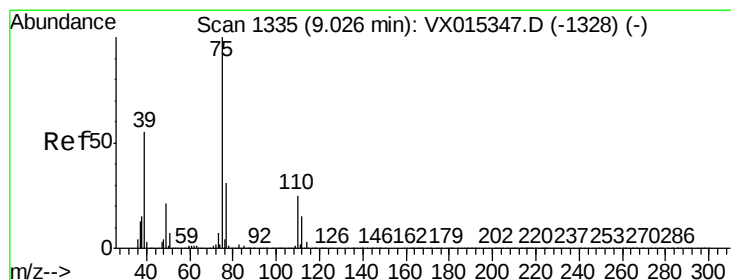
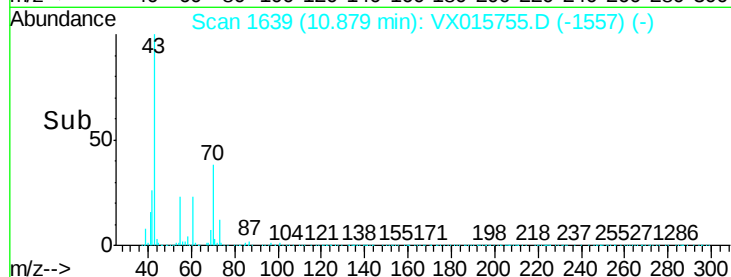
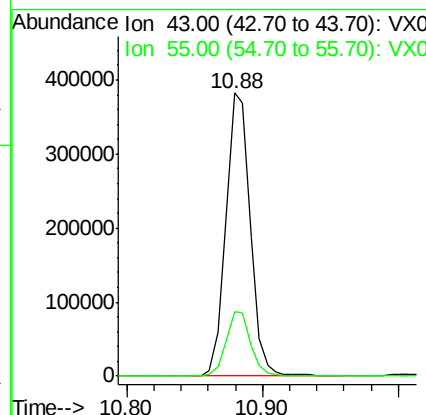
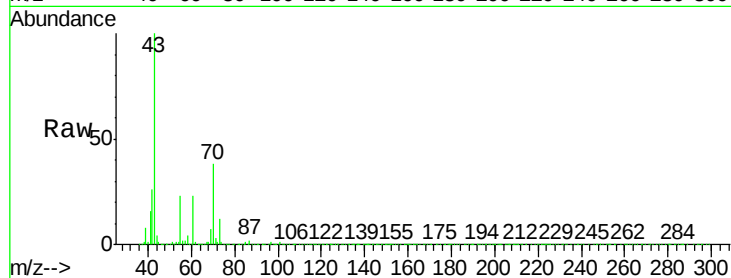
#47
n-amvl Acetate
Concen: 17.521 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
55	22.4	17.0	25.6

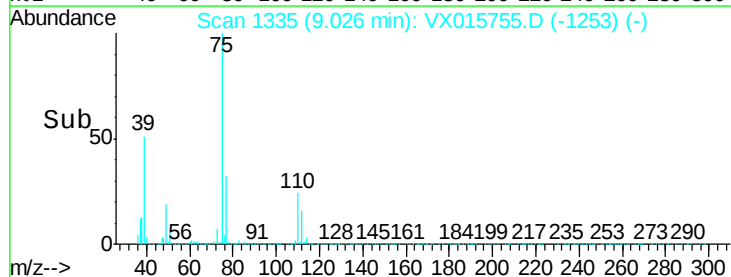
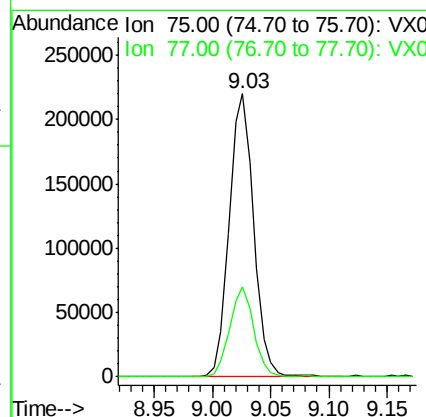
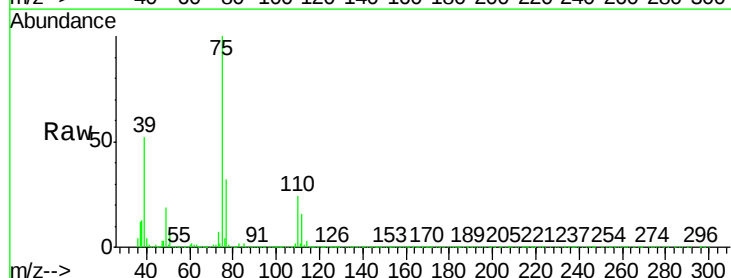
Manual Integrations
APPROVED

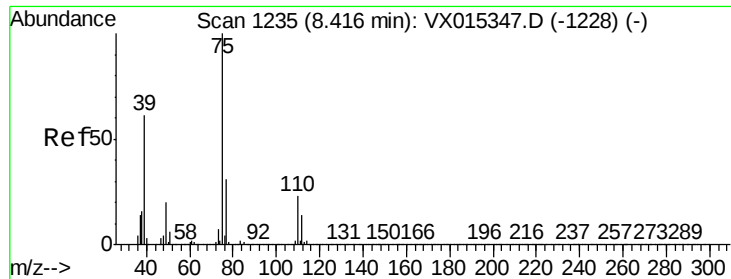
MMDadoda
4/20/2020 10:03:20 AM



#48
t-1,3-Dichloropropene
Concen: 16.632 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	37.0





#49

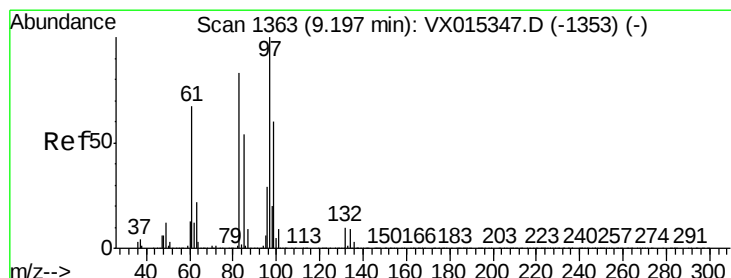
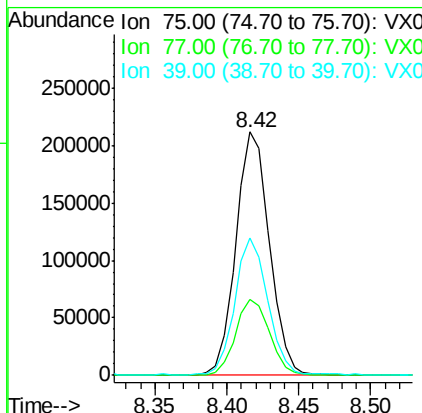
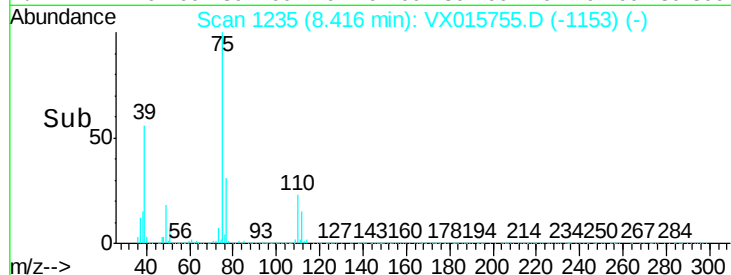
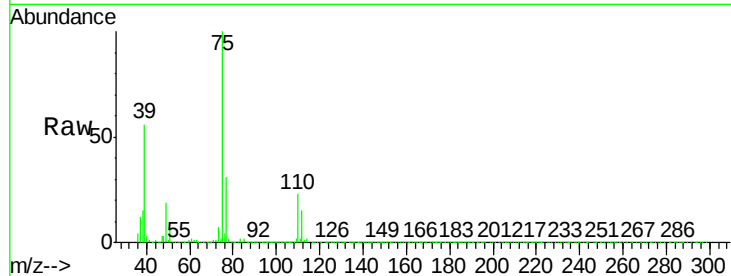
cis-1,3-Dichloropropene
Concen: 17.287 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	36.8
39	56.2	48.9	73.3

Manual Integrations
APPROVED

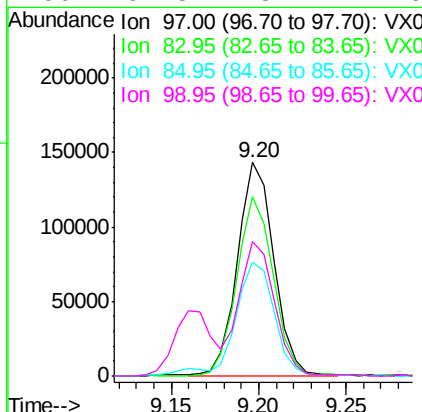
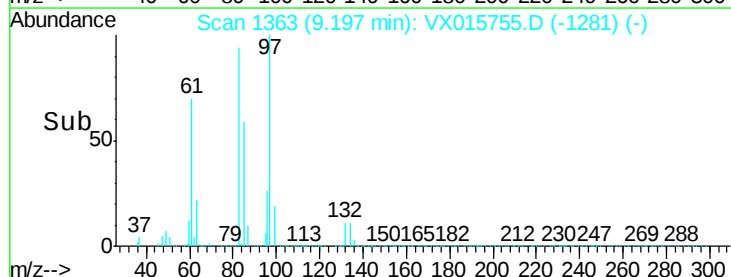
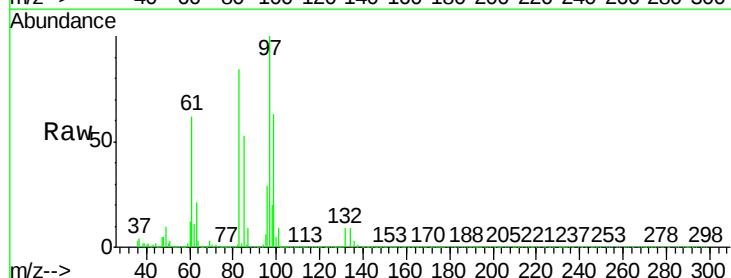
MMDadoda
4/20/2020 10:03:20 AM

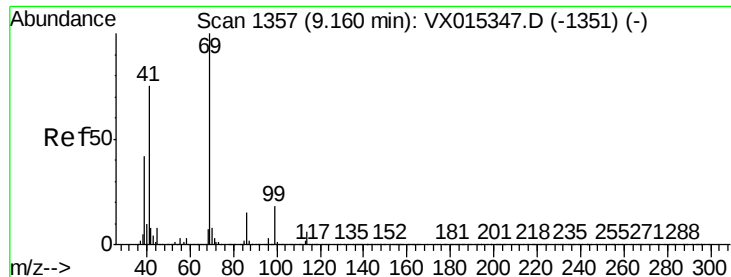


#50

1,1,2-Trichloroethane
Concen: 18.833 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.8	100.2
85	52.8	43.3	64.9
99	62.8	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.192 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

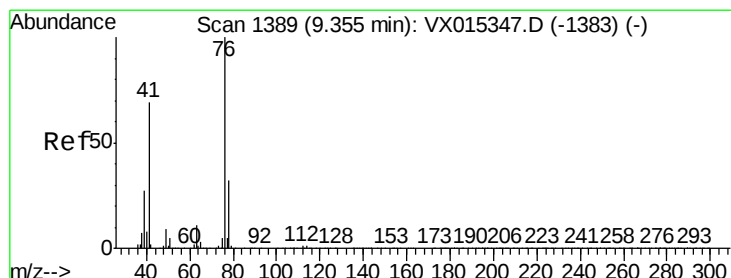
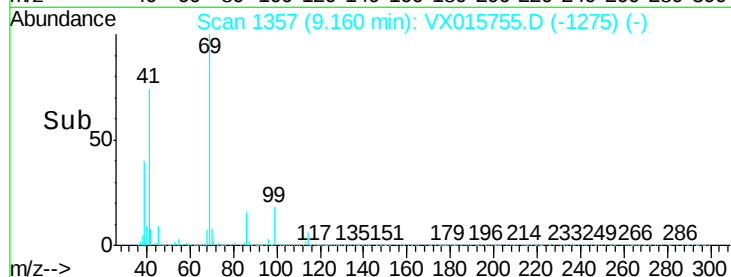
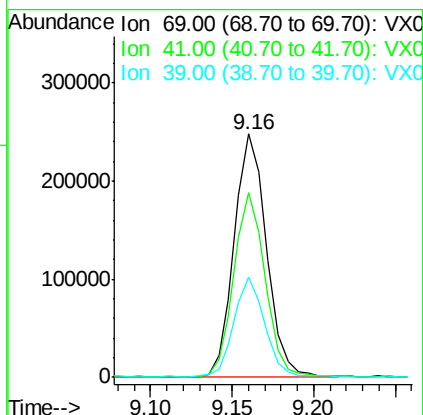
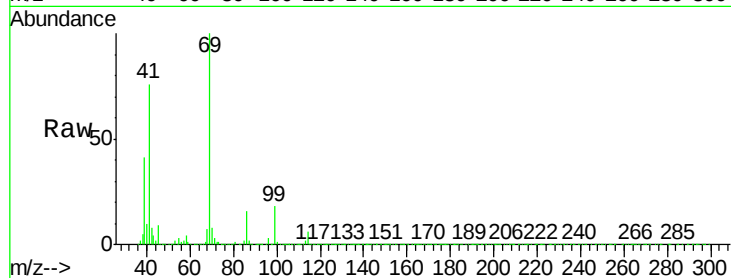
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	343446
Ion Ratio	Lower	Upper	
69	100		
41	75.9	37.4	112.2
39	40.7	21.1	63.1

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#52

1,3-Dichloropropane

Concen: 18.774 ug/l

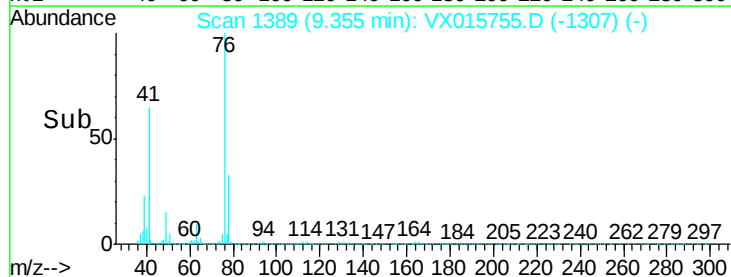
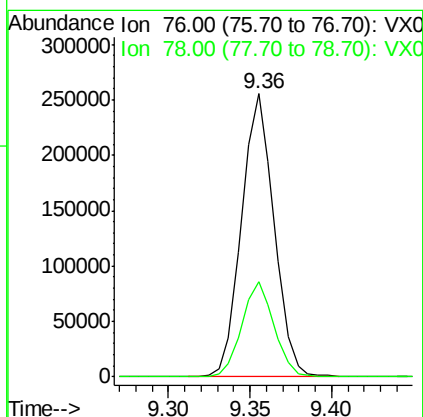
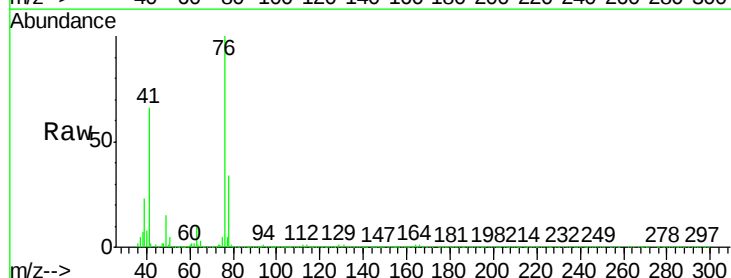
RT: 9.36 min Scan# 1389

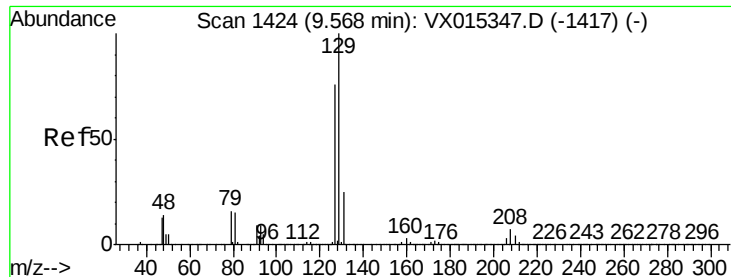
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion:	76	Resp:	355946
Ion Ratio	Lower	Upper	
76	100		
78	33.2	0.0	63.2





#53

Dibromochloromethane

Concen: 17.599 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. -0.00 min

Lab File: VX015755.D

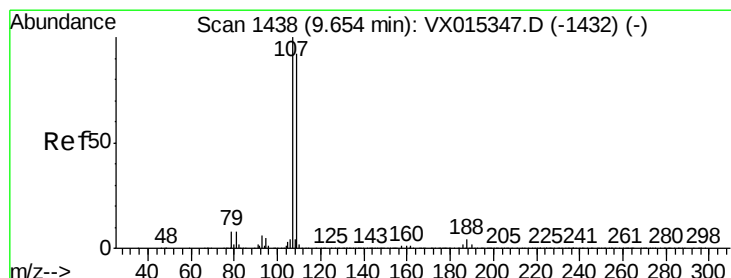
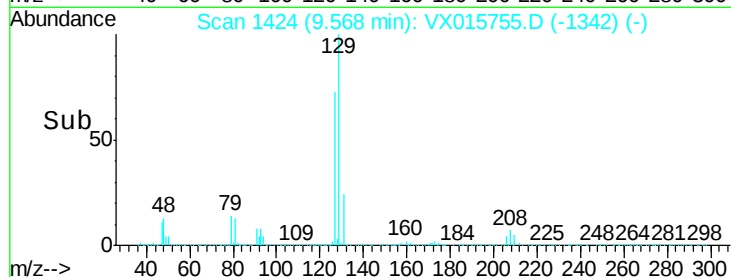
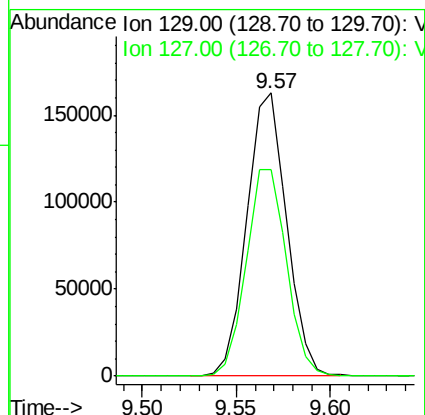
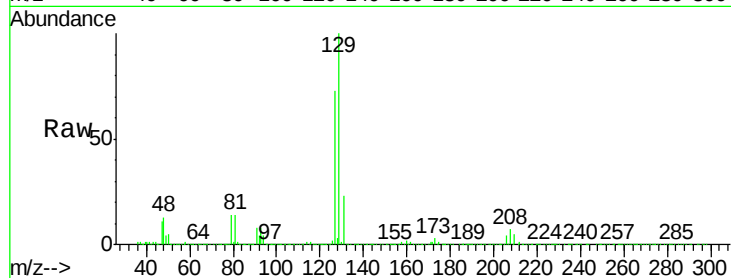
Acq: 17 Apr 2020 21:41

Tot Ion	Ratio	Lower	Upper
129	100		
127	74.0	38.6	115.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#54

1,2-Dibromoethane

Concen: 18.718 ug/l

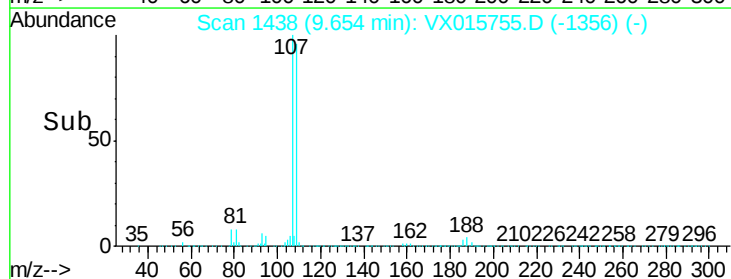
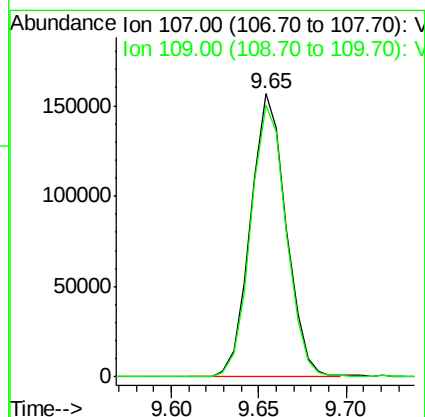
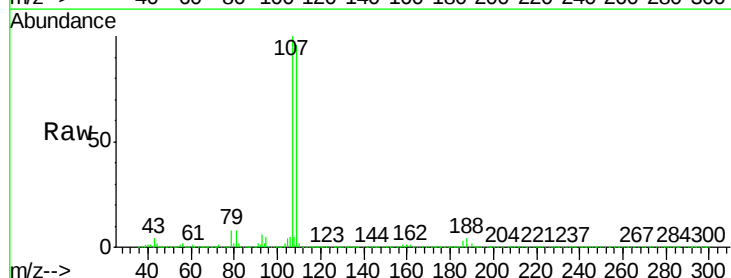
RT: 9.65 min Scan# 1438

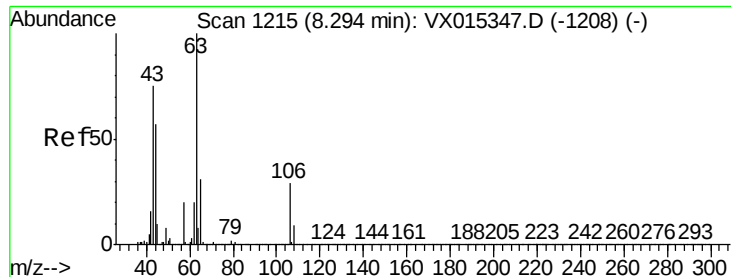
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.0	112.6





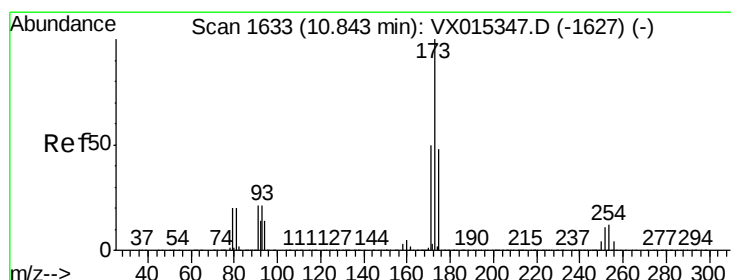
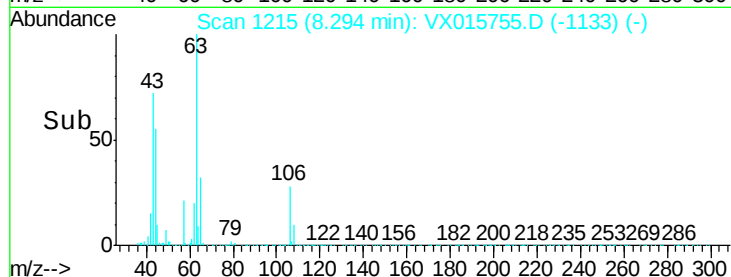
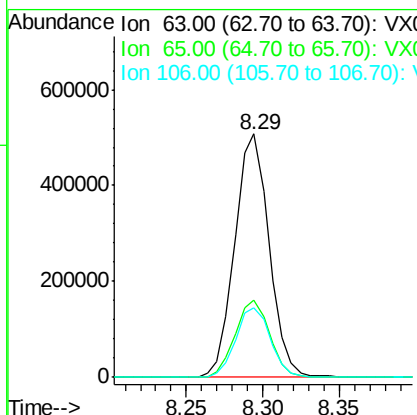
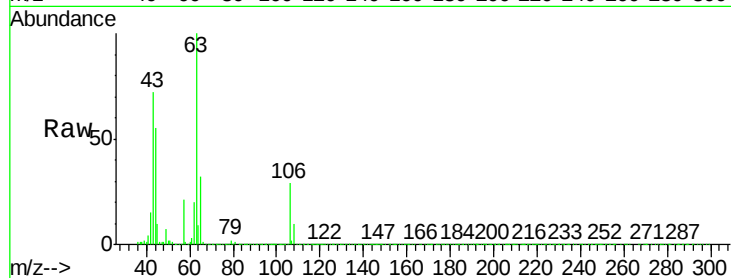
#55
2-Chloroethyl vinyl ether
Concen: 88.447 ug/l
RT: 8.29 min Scan# 1215
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.5	38.3
106	28.9	23.1	34.7

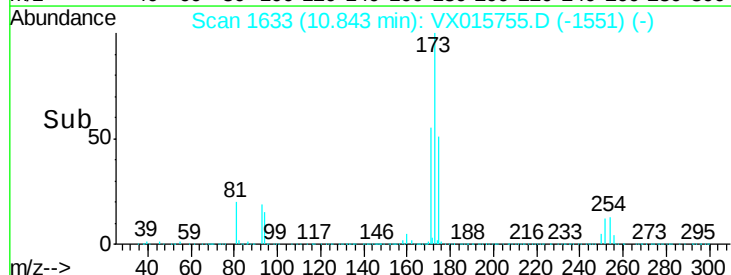
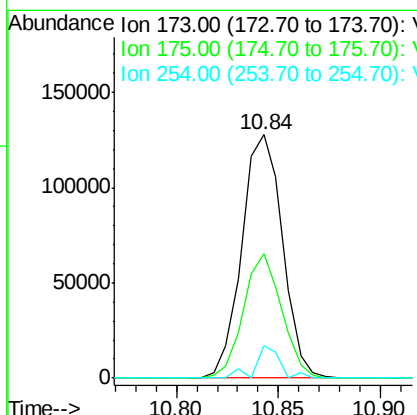
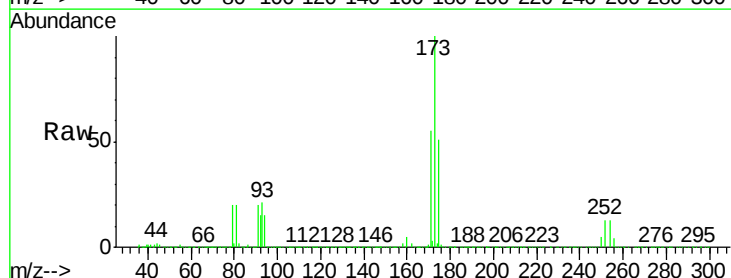
Manual Integrations
APPROVED

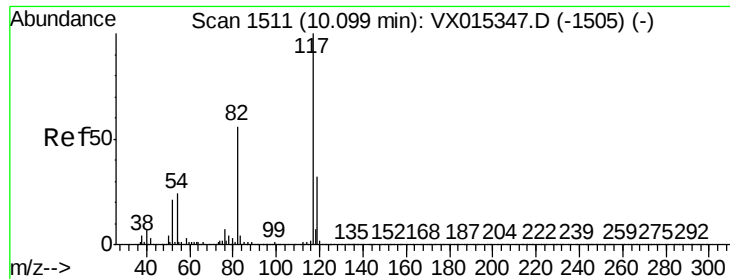
MMDadoda
4/20/2020 10:03:20 AM



#56
Bromoform
Concen: 15.901 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.0	58.4
254	6.3	9.4	14.2#





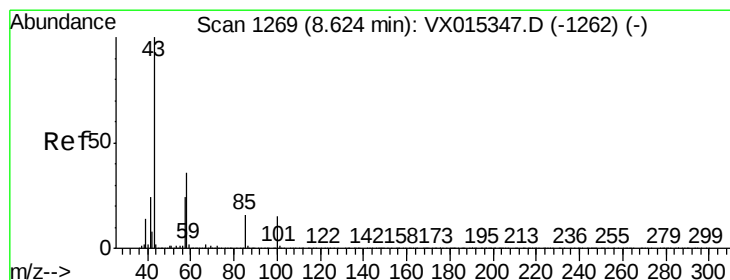
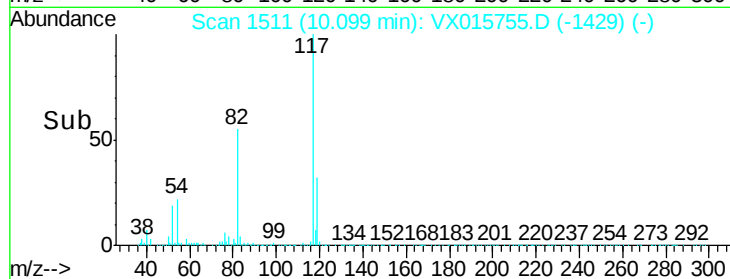
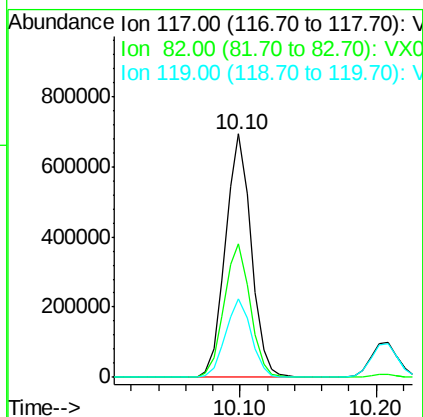
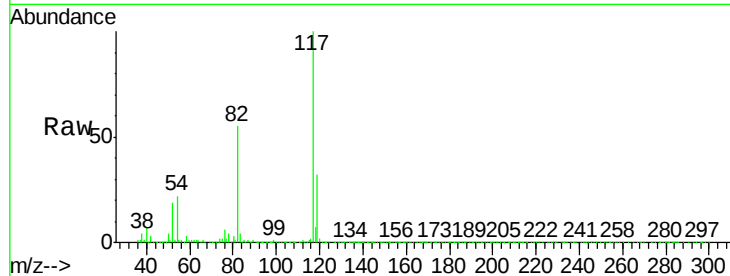
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.3	45.0	67.6
119	32.1	25.5	38.3

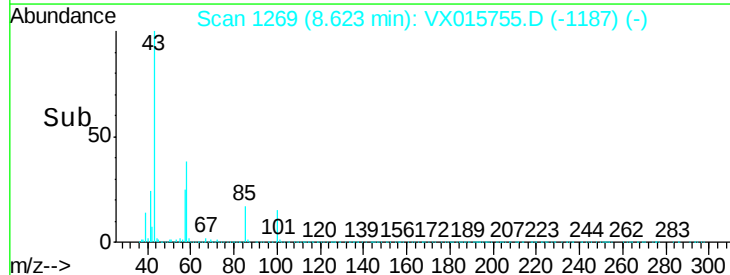
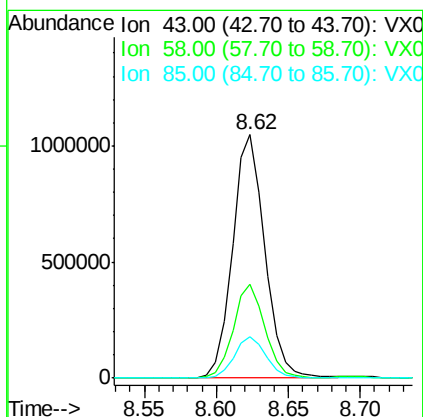
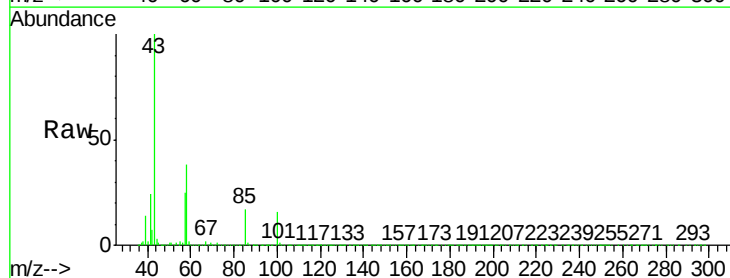
Manual Integrations
APPROVED

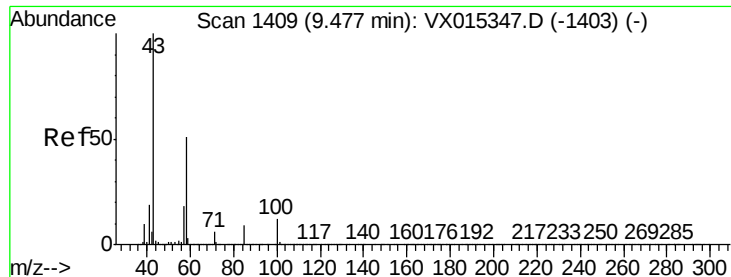
MMDadoda
4/20/2020 10:03:20 AM



#58
4-Methyl-2-Pentanone
Concen: 93.504 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	37.8	29.4	44.0
85	16.8	13.0	19.4





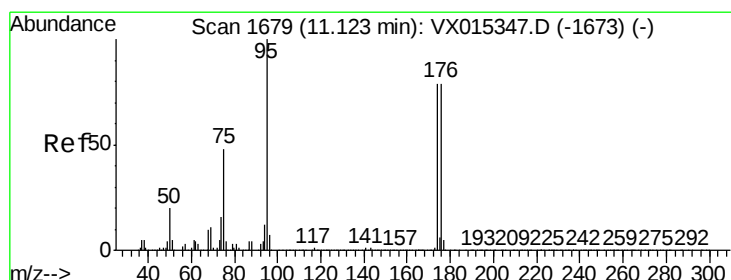
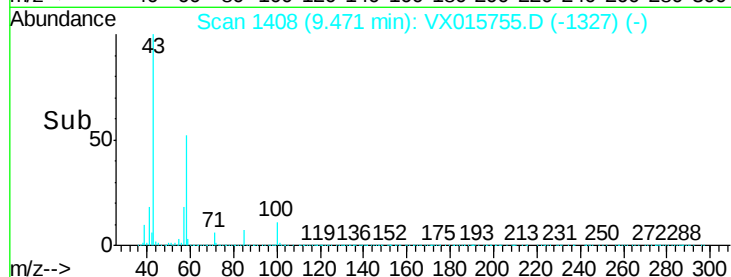
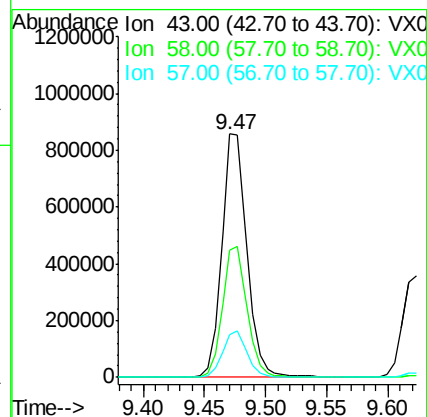
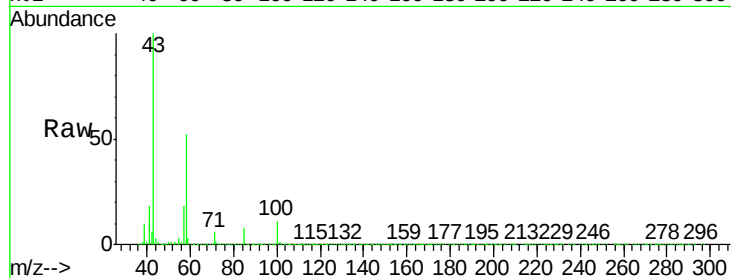
#59
2-Hexanone
Concen: 91.787 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 1220977
Ion Ratio Lower Upper
43 100
58 52.9 40.2 60.4
57 18.6 14.6 22.0

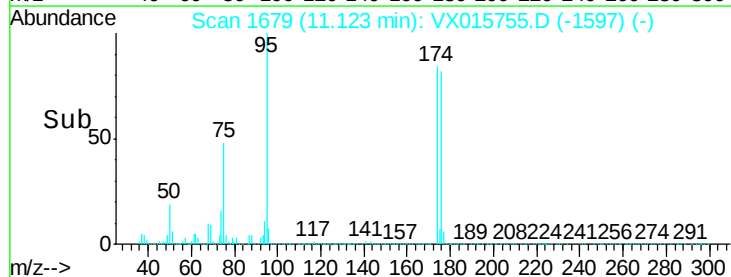
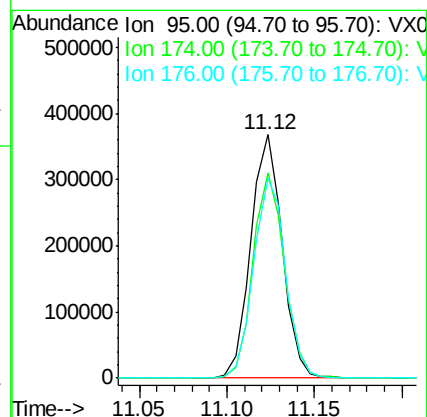
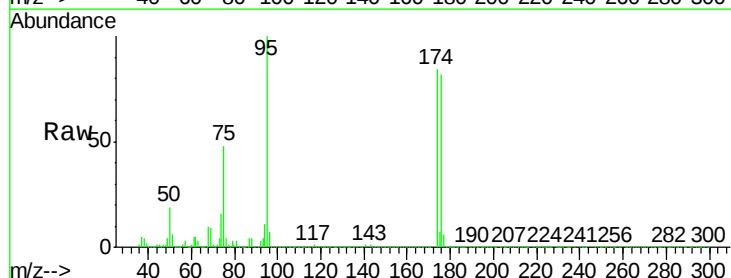
Manual Integrations
APPROVED

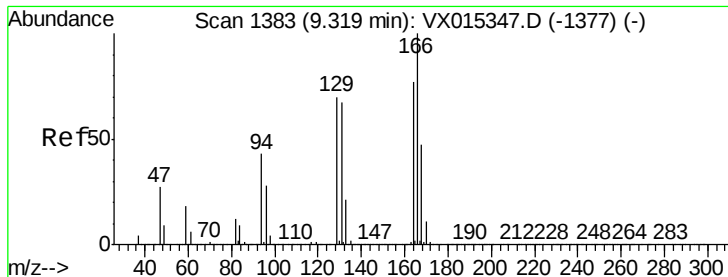
MMDadoda
4/20/2020 10:03:20 AM



#60
4-Bromofluorobenzene
Concen: 29.444 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion: 95 Resp: 460367
Ion Ratio Lower Upper
95 100
174 84.6 66.4 99.6
176 83.5 64.1 96.1





#61

Tetrachloroethene

Concen: 18.799 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 220759

Ion Ratio Lower Upper

164 100

166 123.6 103.6 155.4

129 88.0 72.6 108.8

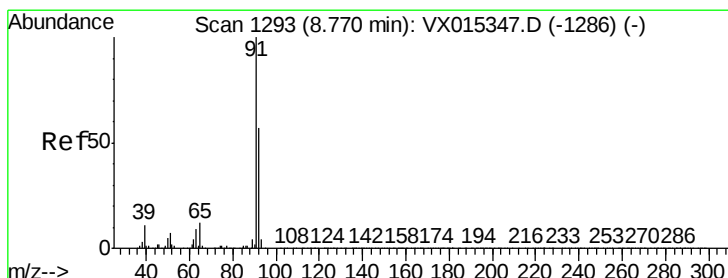
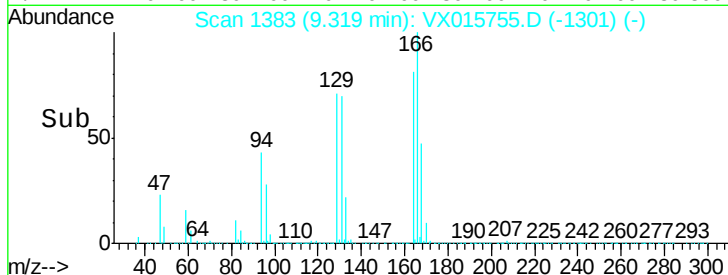
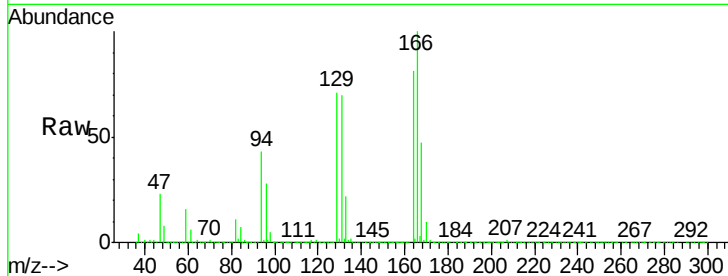
131 86.6 69.8 104.6

Manual Integrations

APPROVED

MMDadoda

4/20/2020 10:03:20 AM



#62

Toluene

Concen: 18.980 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015755.D

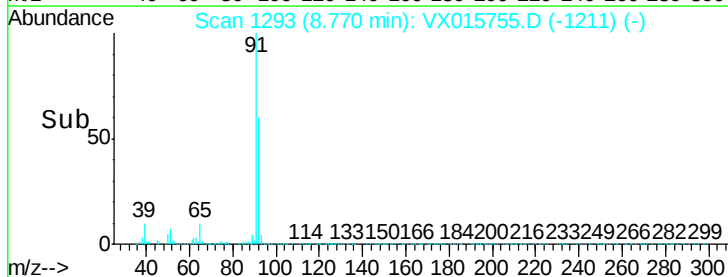
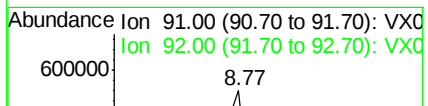
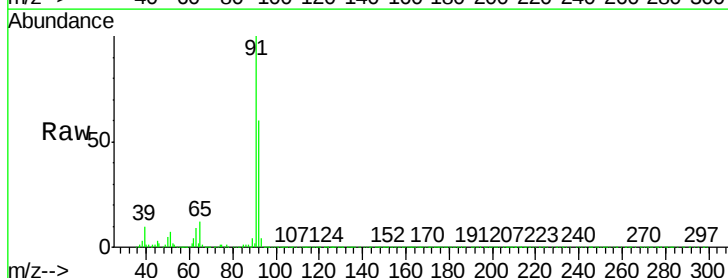
Acq: 17 Apr 2020 21:41

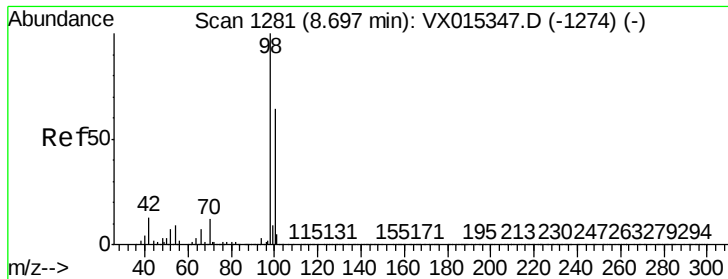
Tgt Ion: 91 Resp: 878303

Ion Ratio Lower Upper

91 100

92 58.8 46.7 70.1





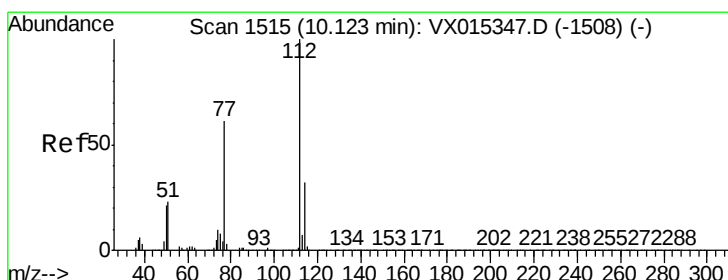
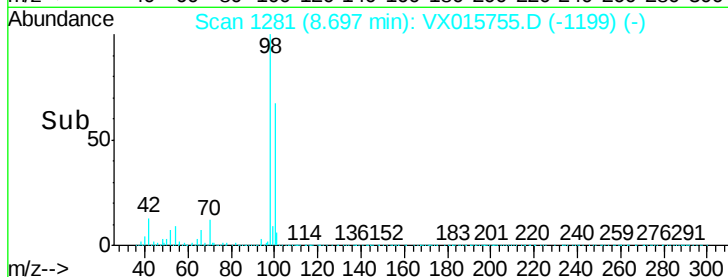
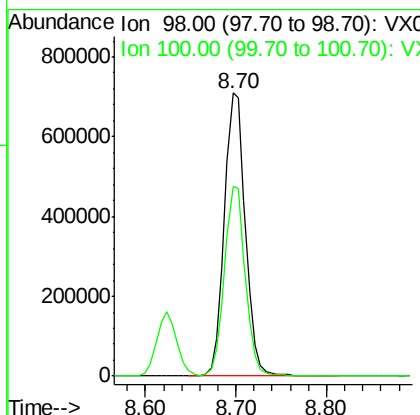
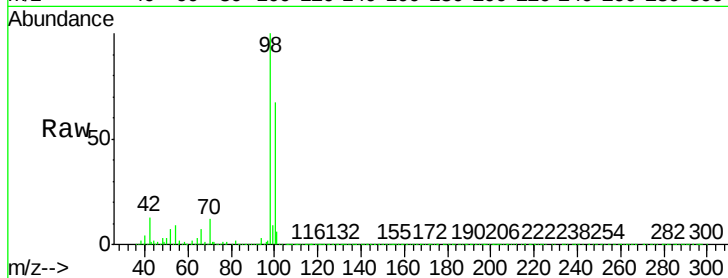
#63
Toluene-d8
Concen: 29.528 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 1146144
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2

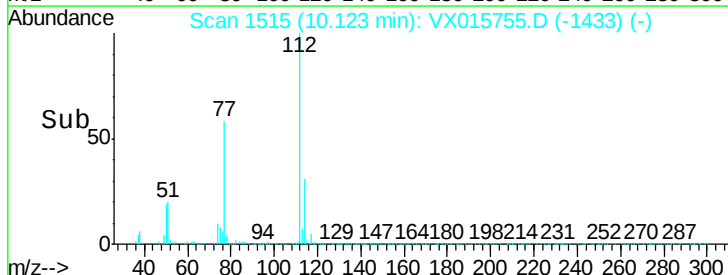
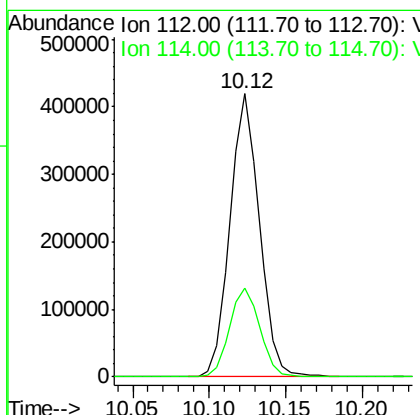
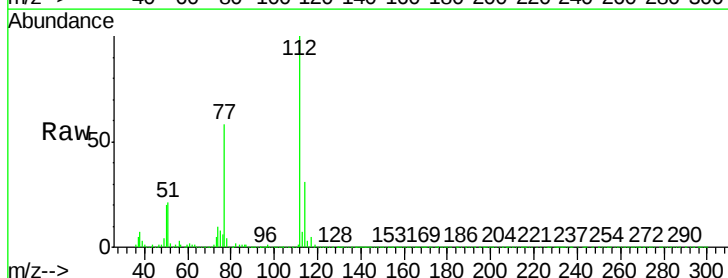
Manual Integrations
APPROVED

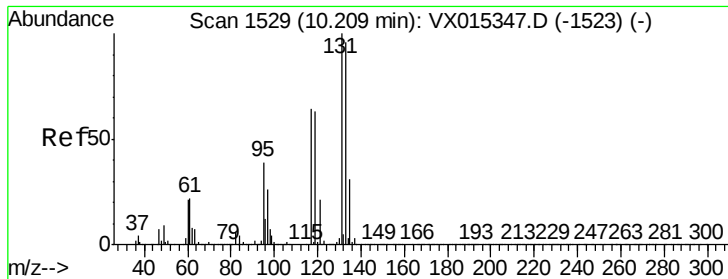
MMDadoda
4/20/2020 10:03:20 AM



#64
Chlorobenzene
Concen: 18.739 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion: 112 Resp: 557542
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 17.562 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

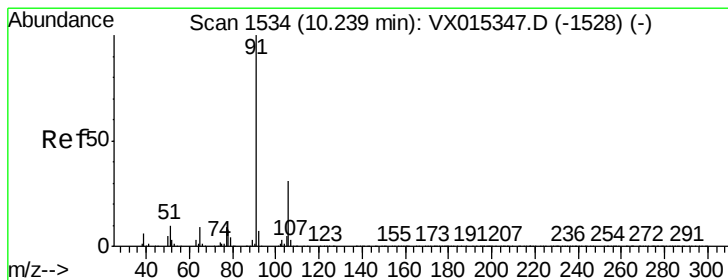
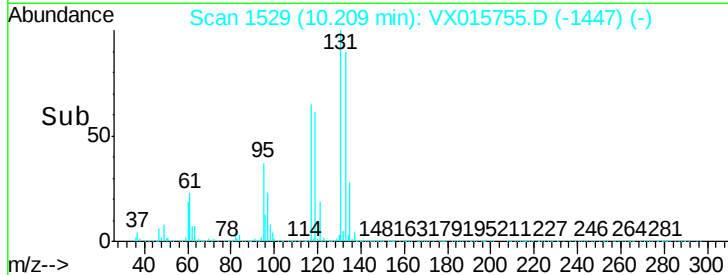
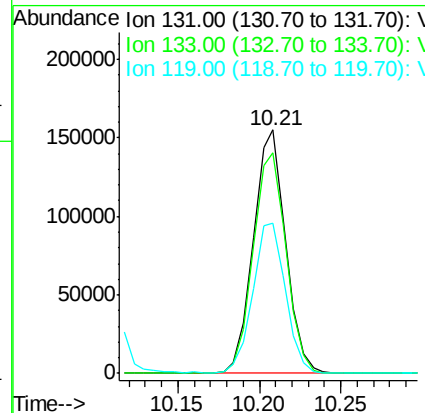
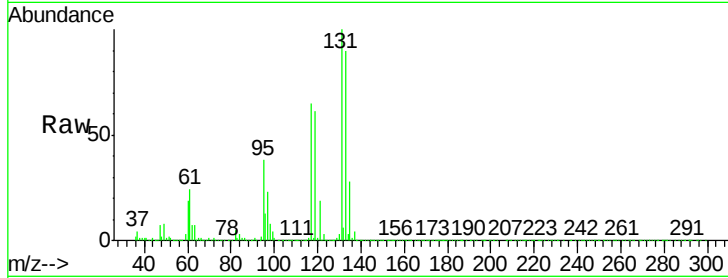
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	213518
Ion Ratio	Lower	Upper	
131	100		
133	92.6	0.0	193.6
119	62.2	0.0	128.0

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#66

Ethyl Benzene

Concen: 18.912 ug/l

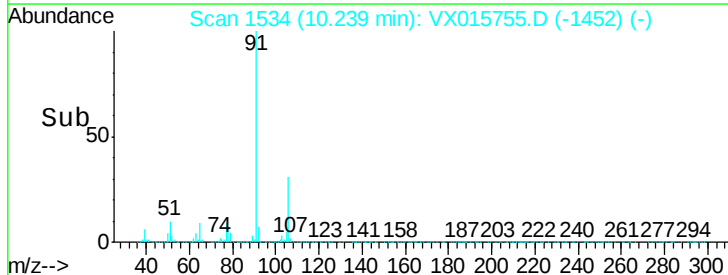
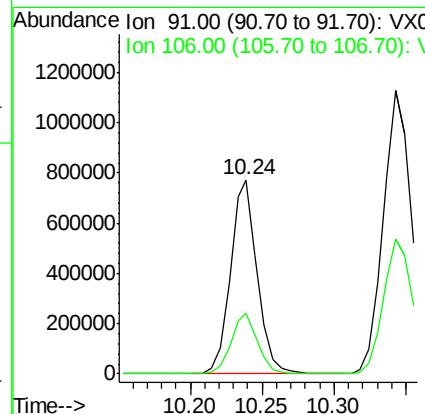
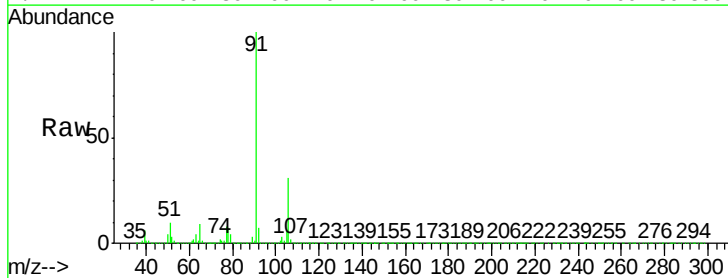
RT: 10.24 min Scan# 1534

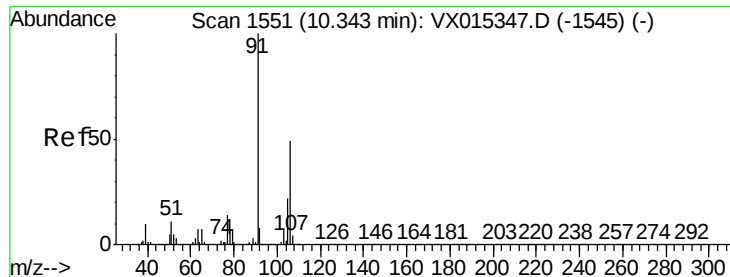
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion:	91	Resp:	999811
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.0	37.6





#67

m/p-Xylenes

Concen: 37.195 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 744226

Ion Ratio Lower Upper

106 100

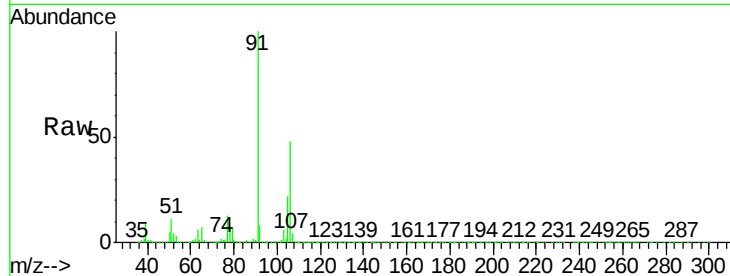
91 204.5 165.0 247.4

Manual Integrations

APPROVED

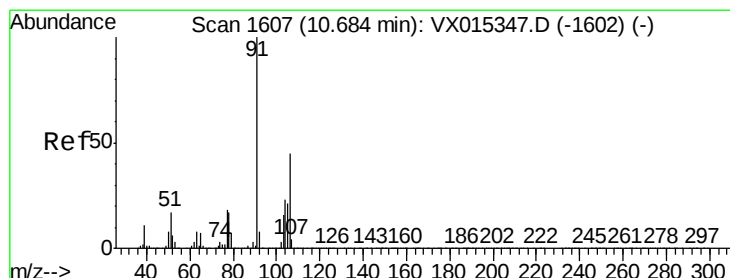
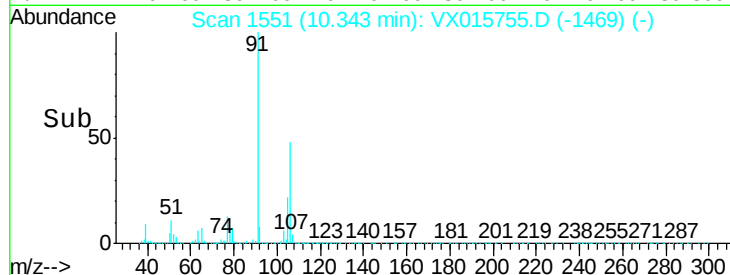
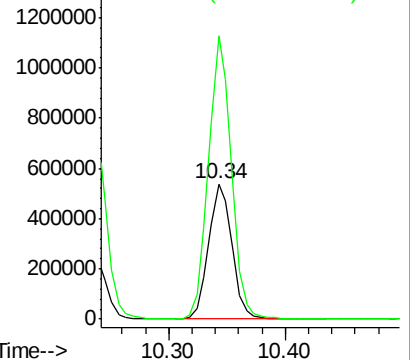
MMDadoda

4/20/2020 10:03:20 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.899 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015755.D

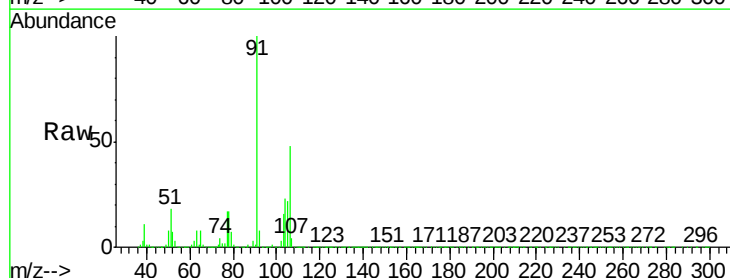
Acq: 17 Apr 2020 21:41

Tgt Ion:106 Resp: 369617

Ion Ratio Lower Upper

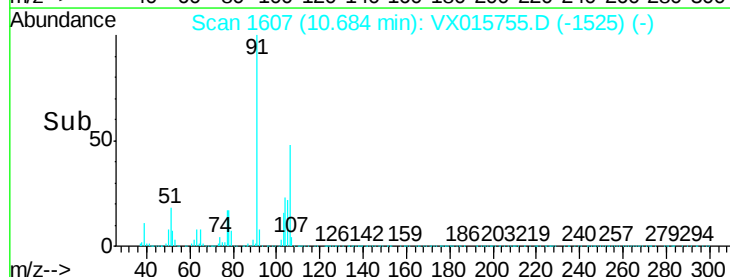
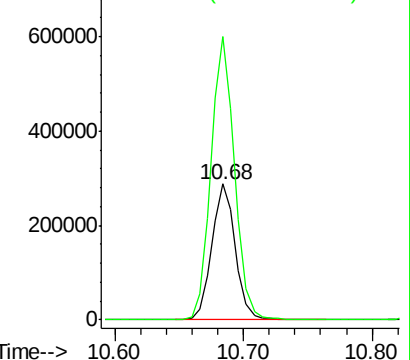
106 100

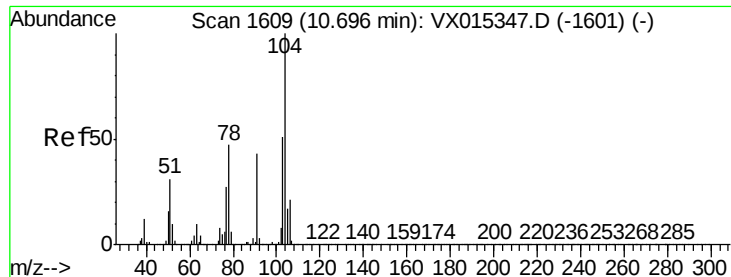
91 208.6 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





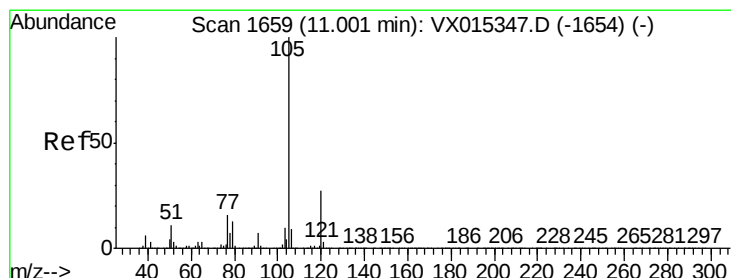
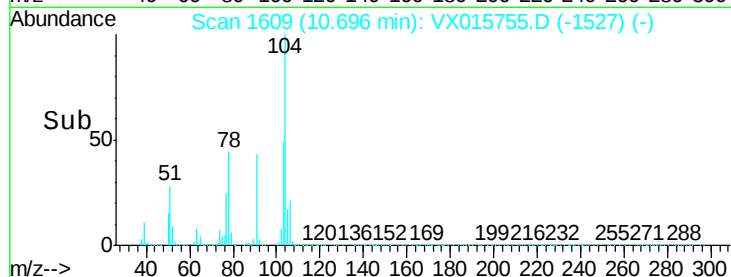
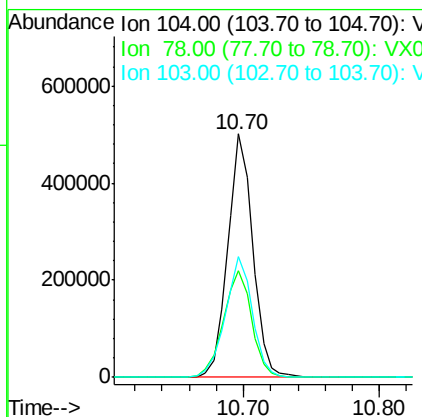
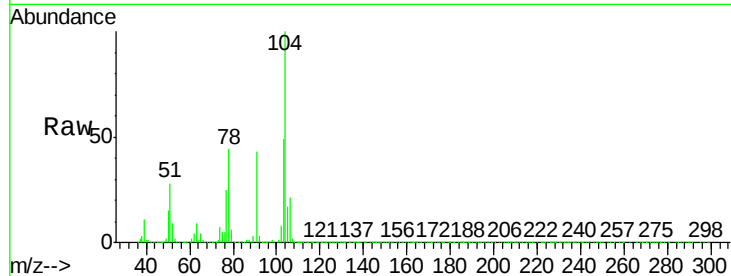
#69
Stvrene
Concen: 18.865 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	104	Resp:	642812
Ion Ratio	Lower	Upper	
104	100		
78	49.3	41.5	62.3
103	52.8	43.4	65.2

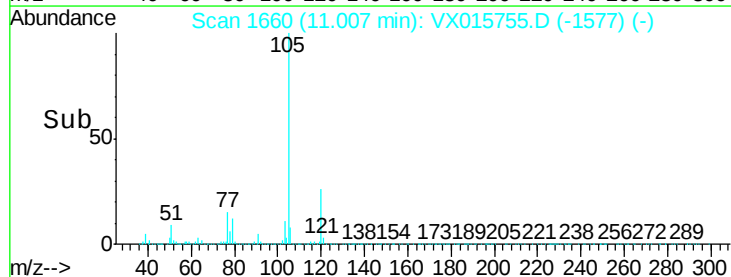
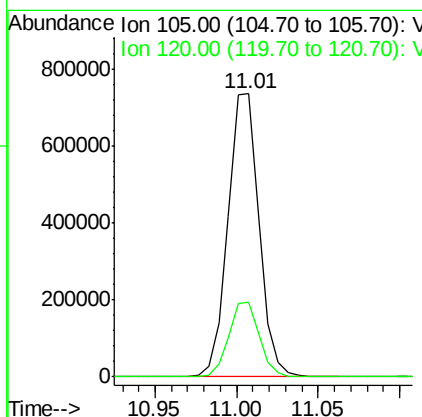
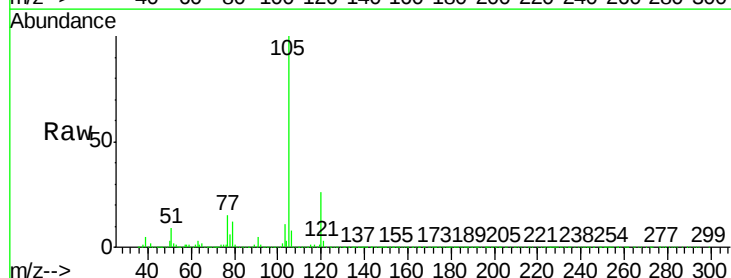
Manual Integrations
APPROVED

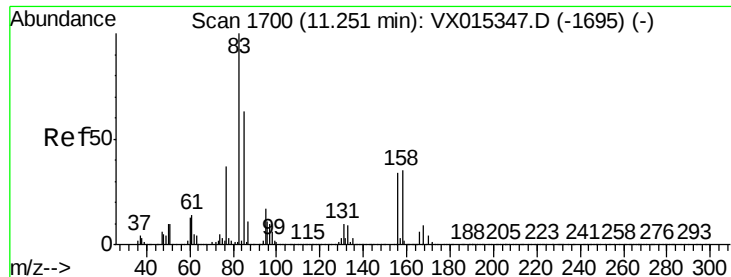
MMDadoda
4/20/2020 10:03:20 AM



#70
Isopropylbenzene
Concen: 18.736 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion:	105	Resp:	971429
Ion Ratio	Lower	Upper	
105	100		
120	26.1	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.964 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

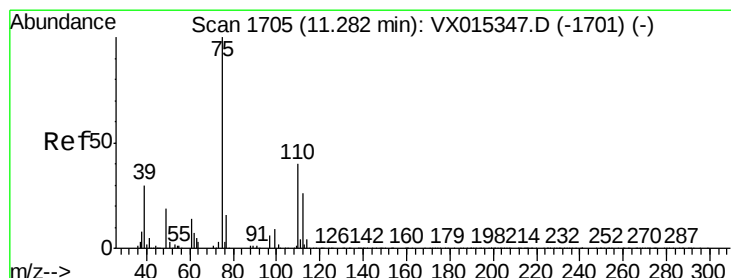
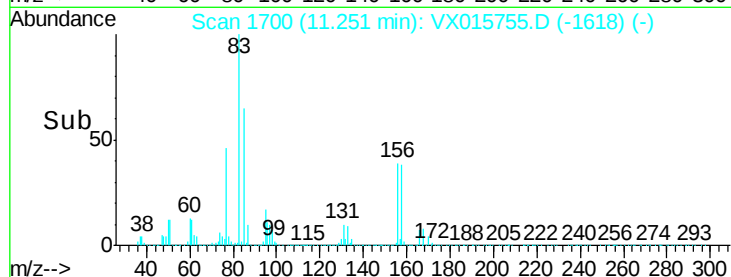
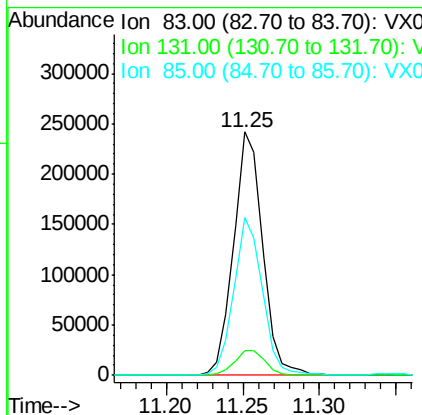
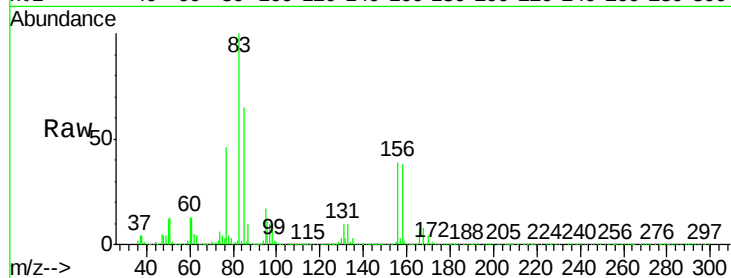
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	318672
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	15.9
85	63.4	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#72

1,2,3-Trichloropropane

Concen: 17.289 ug/l m

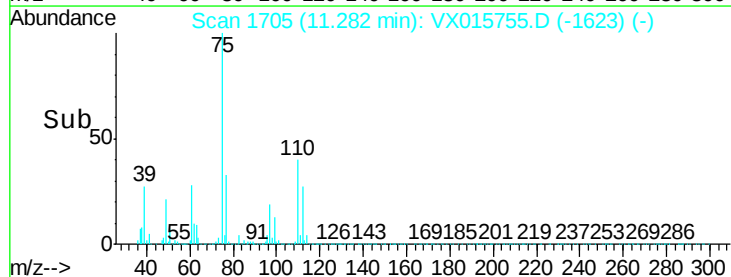
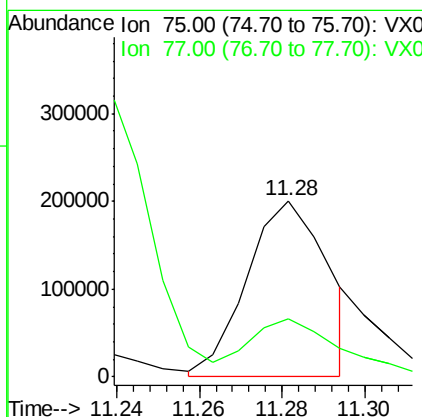
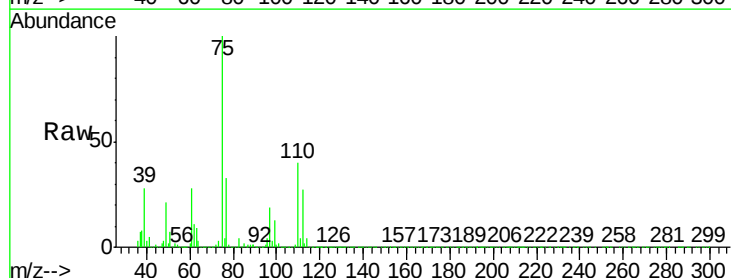
RT: 11.28 min Scan# 1705

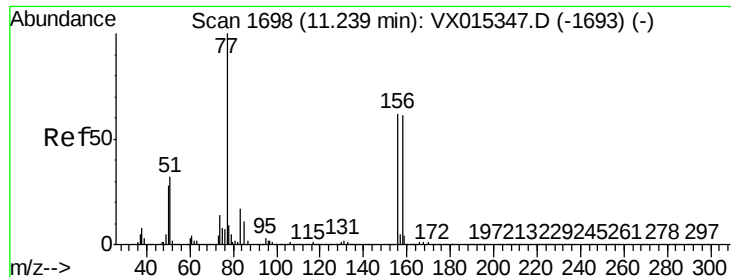
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion:	75	Resp:	271841
Ion Ratio	Lower	Upper	
75	100		
77	35.7	0.0	80.0





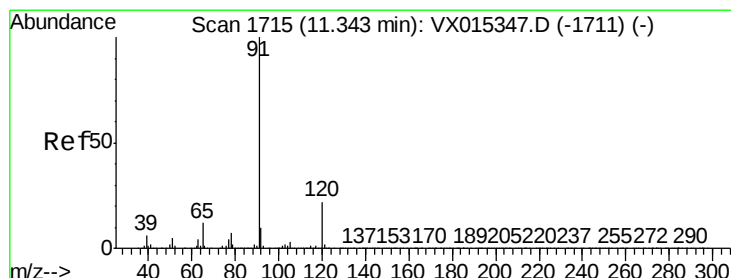
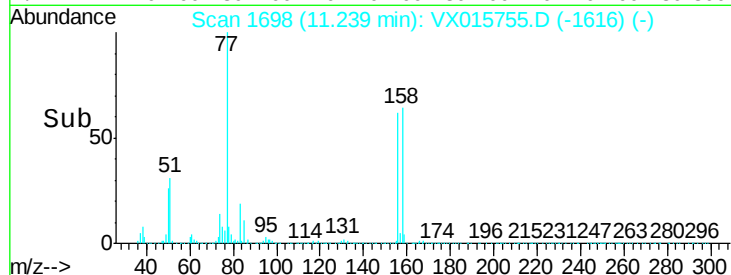
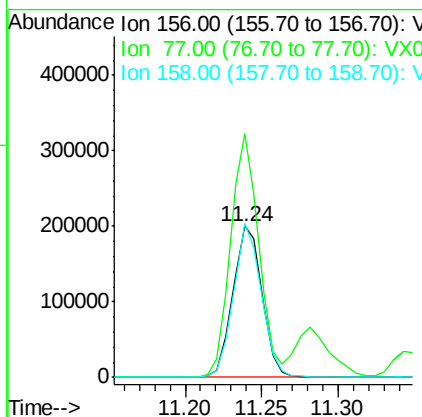
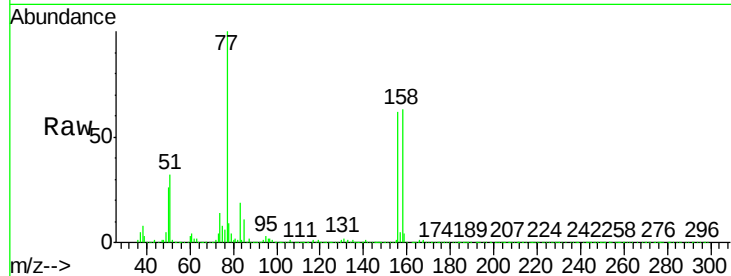
#73
Bromobenzene
Concen: 18.946 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	155.2	0.0	324.4
158	97.3	0.0	200.0

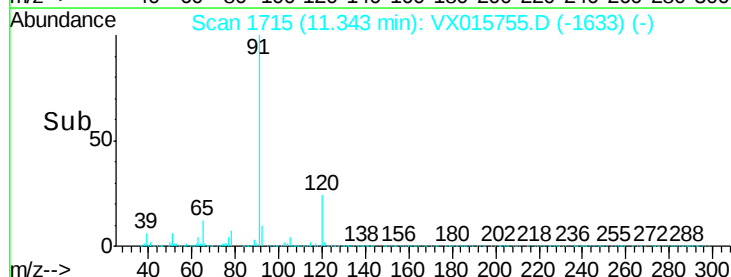
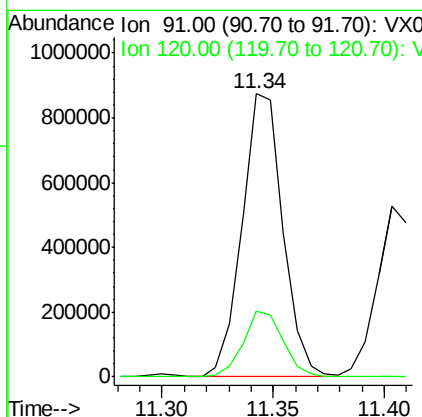
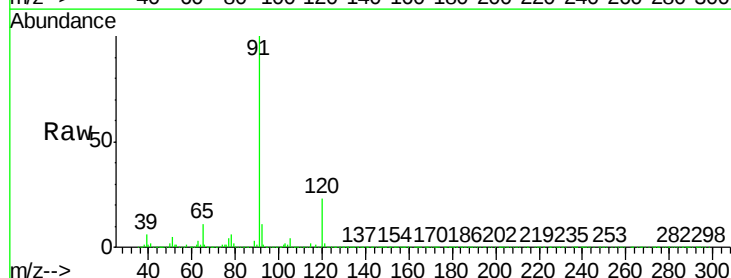
Manual Integrations
APPROVED

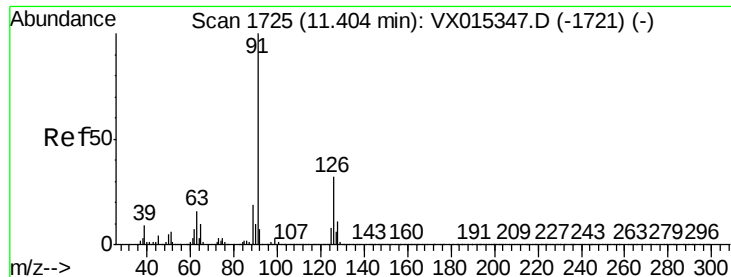
MMDadoda
4/20/2020 10:03:20 AM



#74
n-propylbenzene
Concen: 18.799 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	46.2





#75

2-Chlorotoluene

Concen: 18.561 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 671340

Ion Ratio Lower Upper

91 100

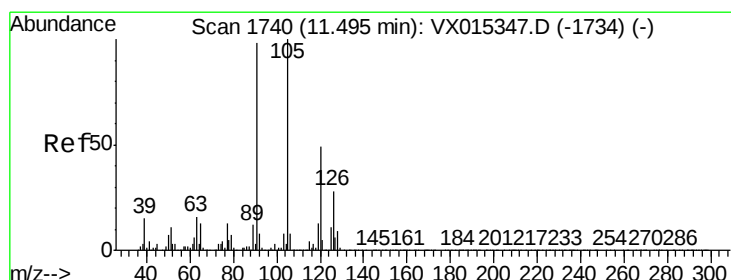
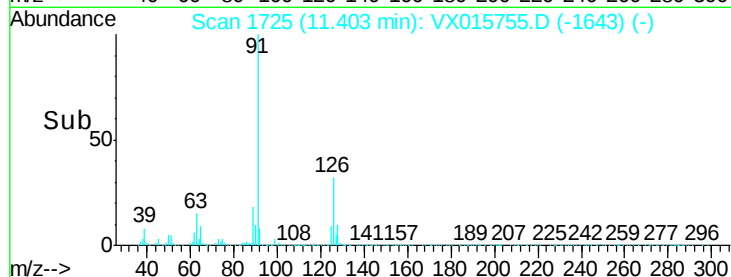
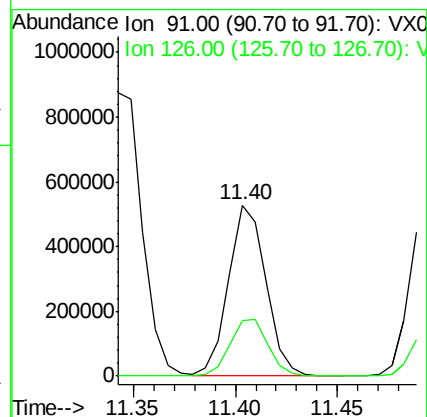
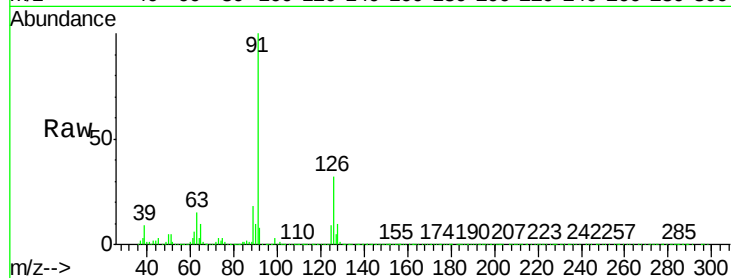
126 34.0 0.0 65.2

Manual Integrations

APPROVED

MMDadoda

4/20/2020 10:03:20 AM



#76

1,3,5-Trimethylbenzene

Concen: 18.576 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015755.D

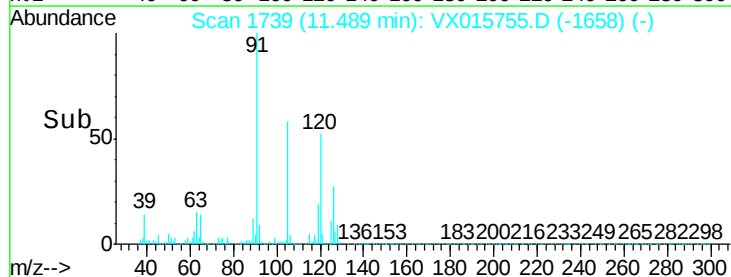
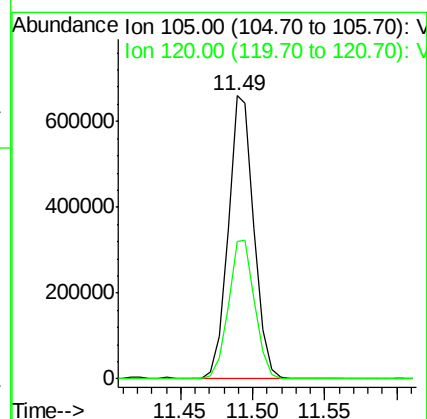
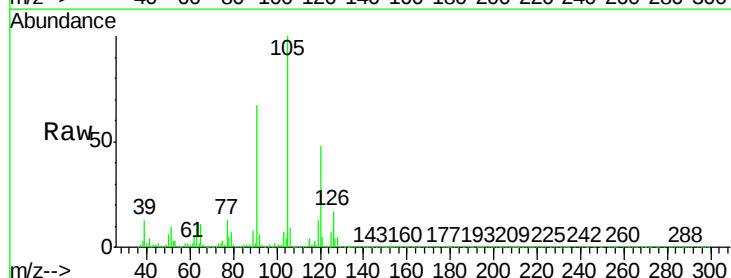
Acq: 17 Apr 2020 21:41

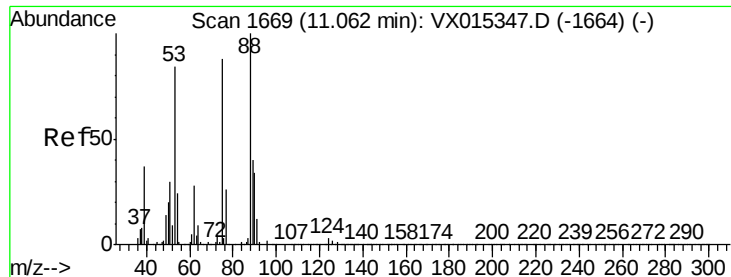
Tgt Ion: 105 Resp: 827099

Ion Ratio Lower Upper

105 100

120 50.2 0.0 98.0





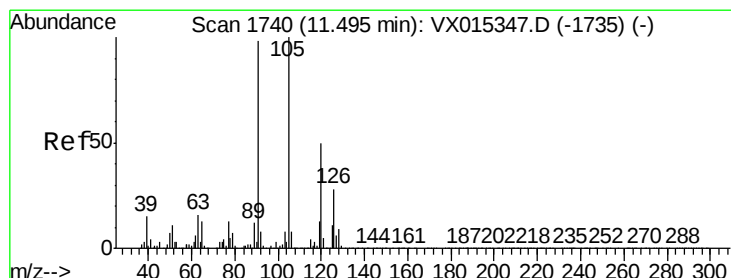
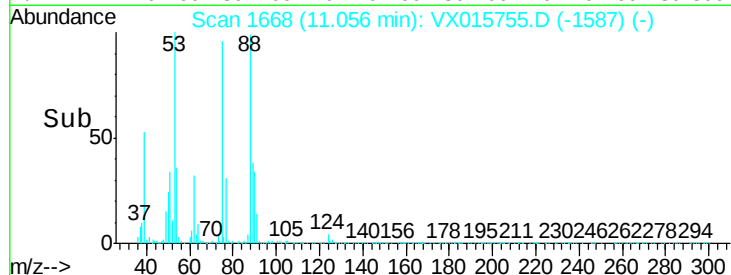
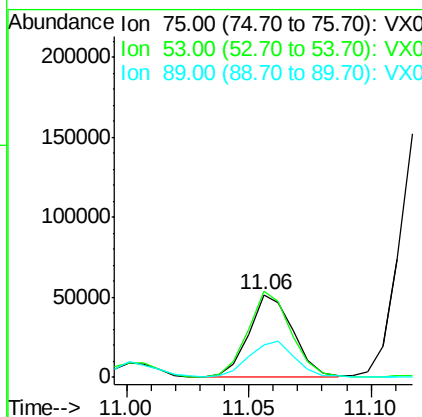
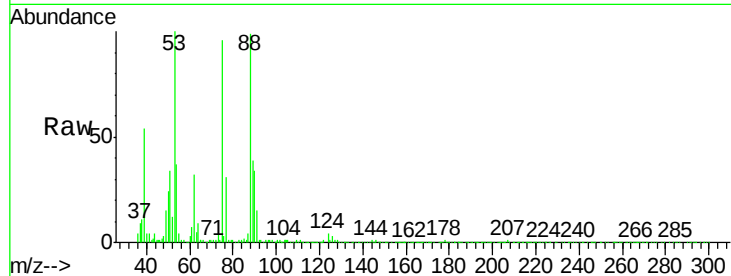
#77
t-1,4-Dichloro-2-butene
Concen: 9.444 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	47.5	142.6
89	39.1	22.8	68.3

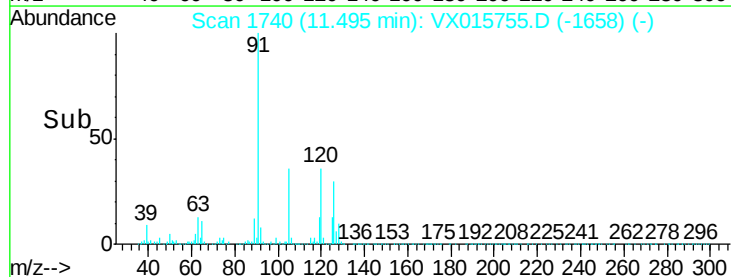
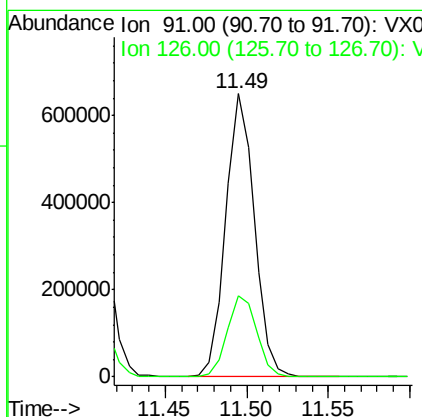
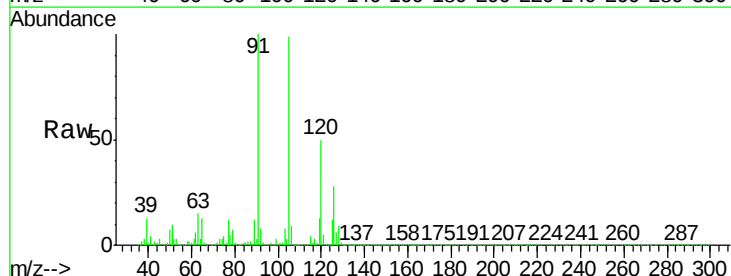
Manual Integrations
APPROVED

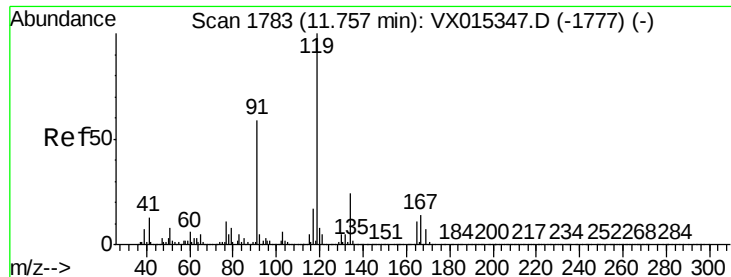
MMDadoda
4/20/2020 10:03:20 AM



#78
4-Chlorotoluene
Concen: 18.979 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	0.0	57.8





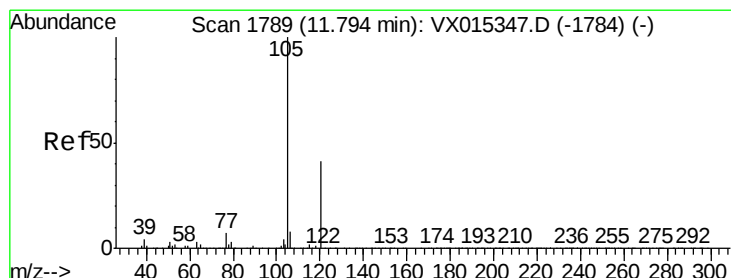
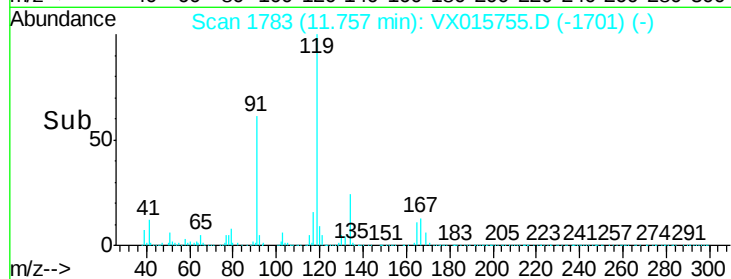
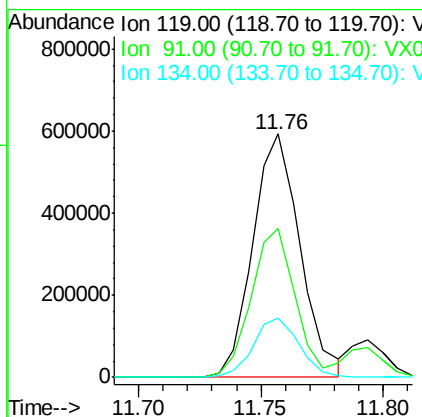
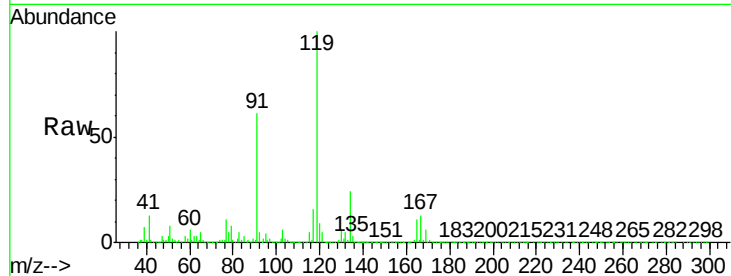
#79
tert-butylbenzene
Concen: 17.967 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	799537		
91	56.7	0.0	115.8	
134	23.6	0.0	47.0	

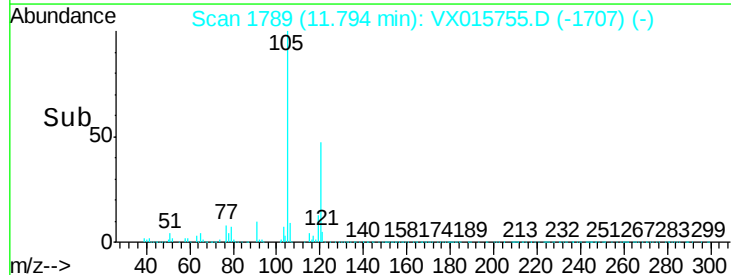
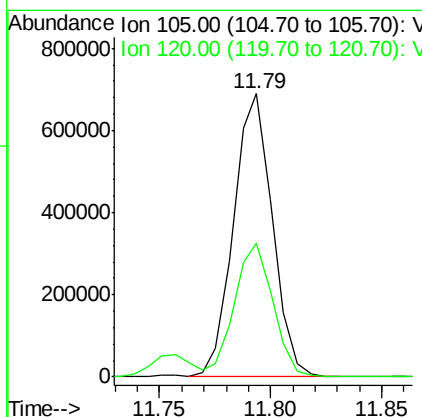
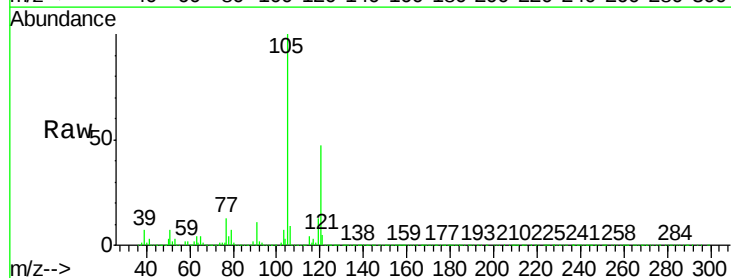
Manual Integrations
APPROVED

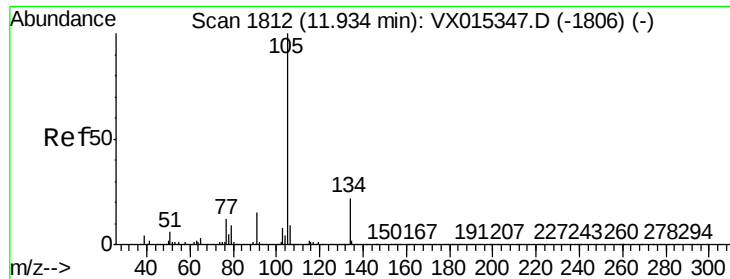
MMDadoda
4/20/2020 10:03:20 AM



#80
1,2,4-Trimethylbenzene
Concen: 18.509 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	834820		
120	47.0	0.0	91.0	





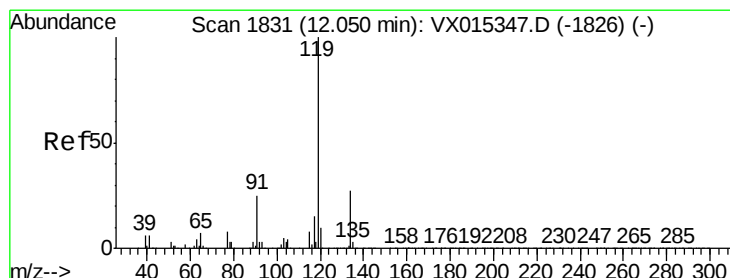
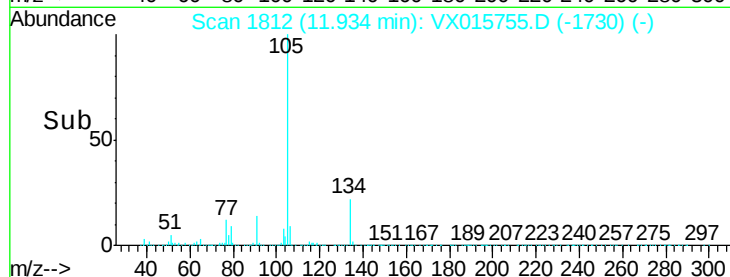
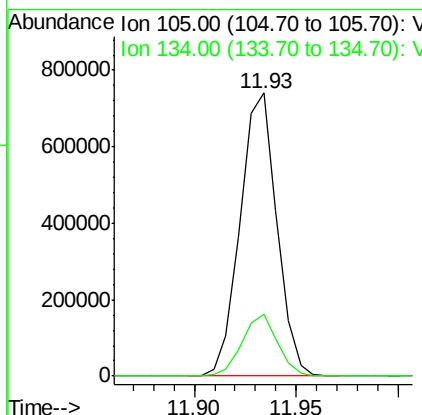
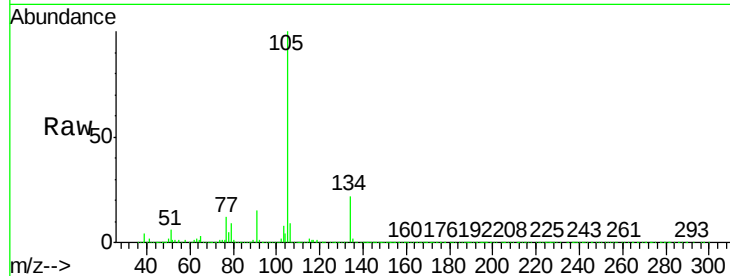
#81
 sec-Butylbenzene
 Concen: 18.108 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	924372		
134	21.3	0.0	41.6	

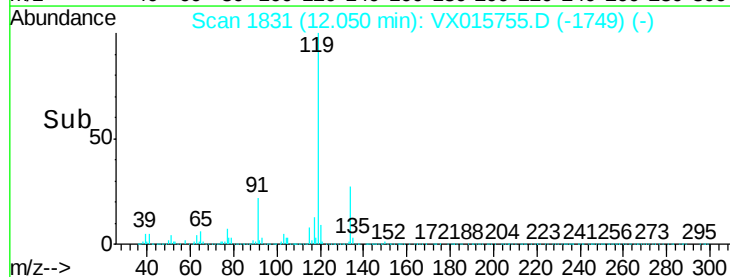
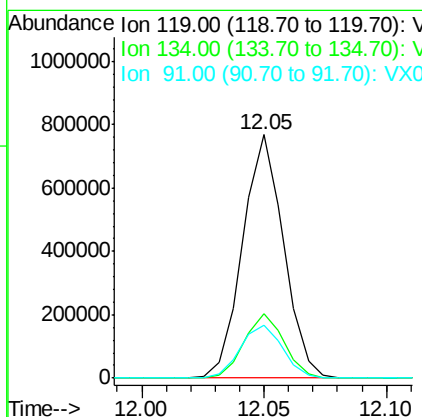
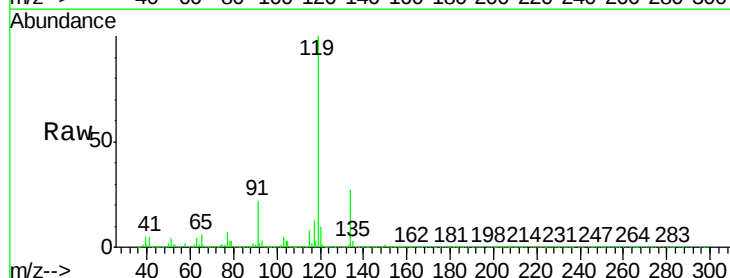
Manual Integrations
 APPROVED

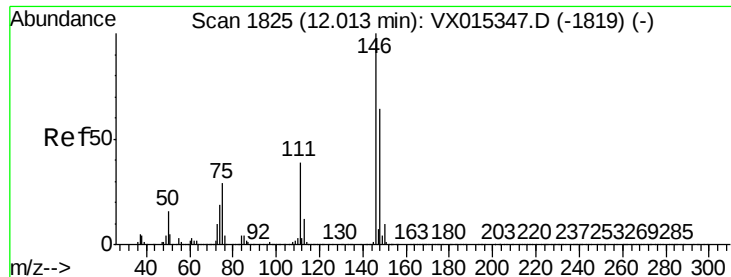
MMDadoda
 4/20/2020 10:03:20 AM



#82
 p-Isopropyltoluene
 Concen: 18.423 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	886382		
134	26.0	0.0	53.2	
91	22.3	0.0	48.2	





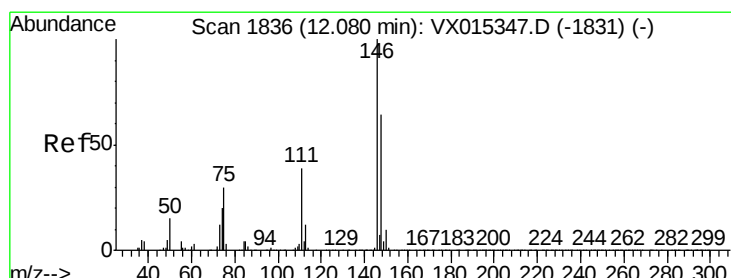
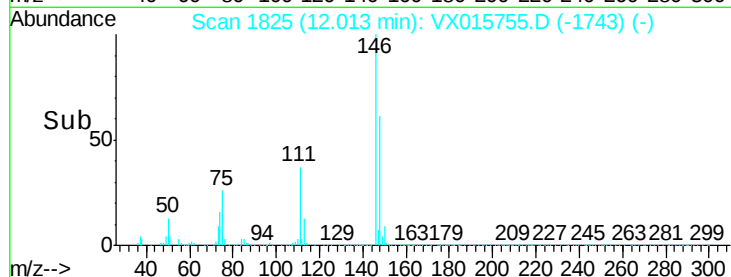
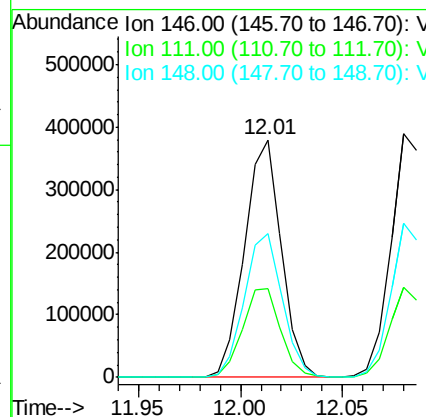
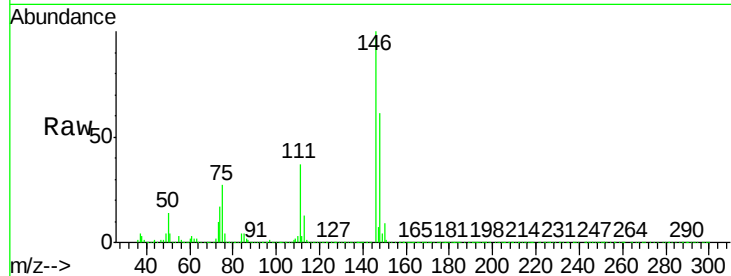
#83
 1,3-Dichlorobenzene
 Concen: 19.003 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.1	60.2
148	62.0	31.4	94.2

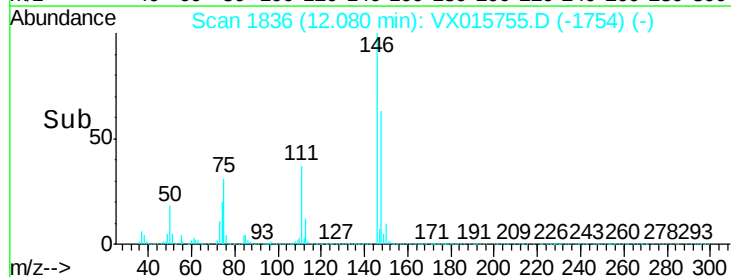
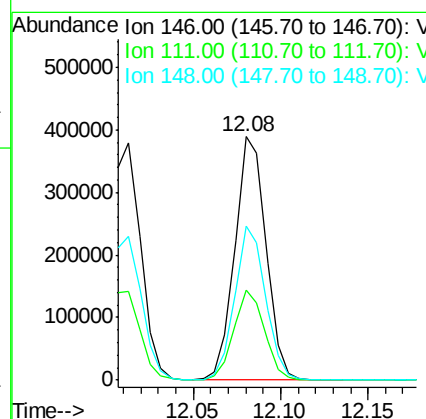
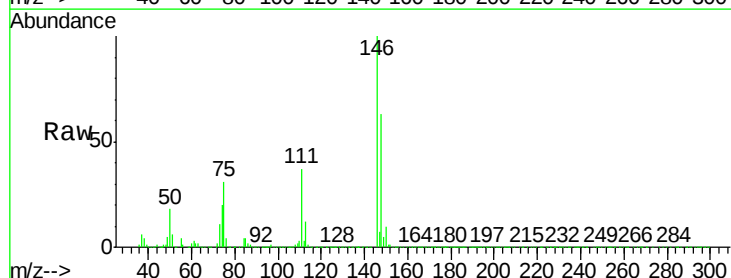
Manual Integrations
 APPROVED

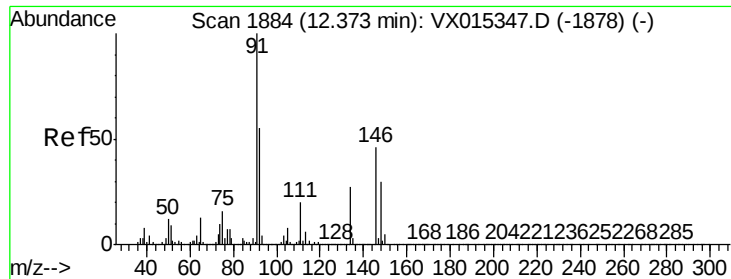
MMDadoda
 4/20/2020 10:03:20 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.345 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.9	56.9
148	62.1	31.4	94.3





#85

n-Butylbenzene

Concen: 18.051 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Instrument :

MSVOA_X

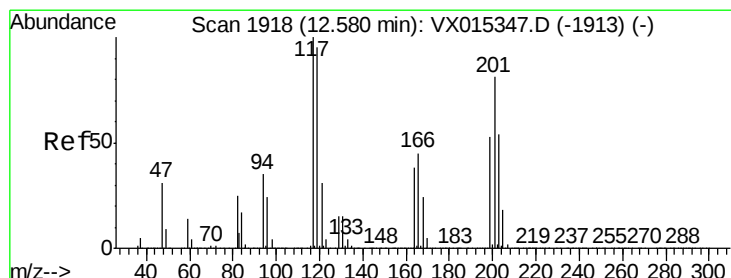
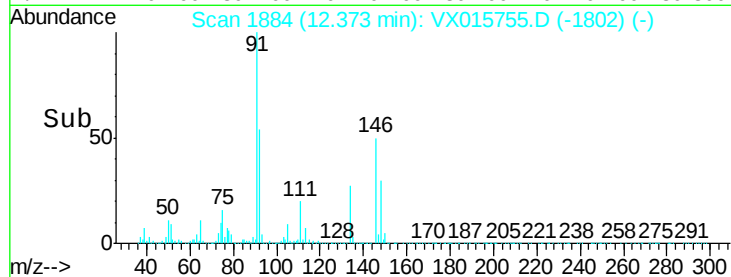
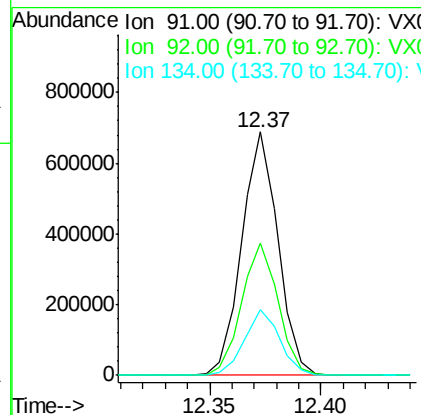
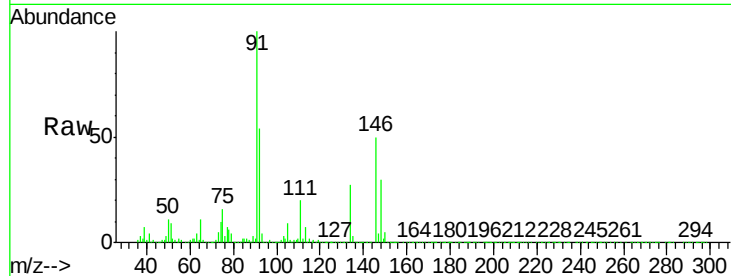
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	774110
Ion Ratio	Lower	Upper	
91	100		
92	55.0	0.0	109.0
134	26.7	0.0	54.0

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#86

Hexachloroethane

Concen: 11.969 ug/l

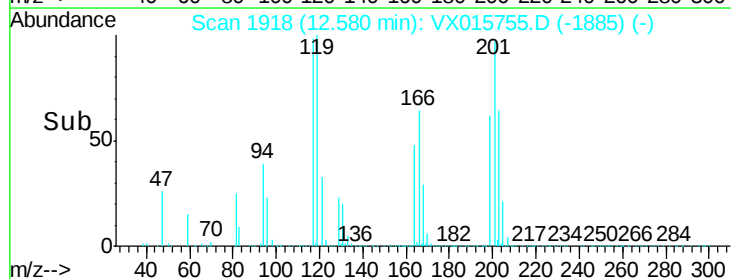
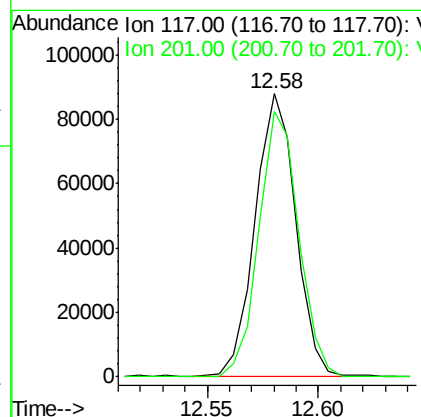
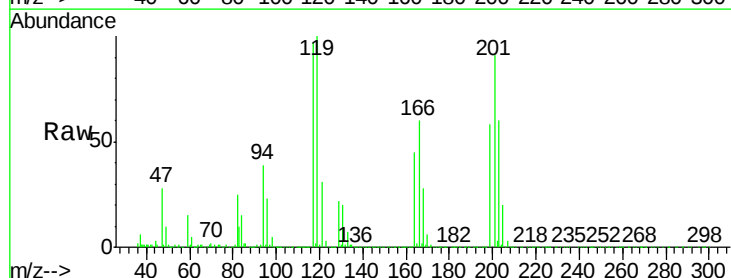
RT: 12.58 min Scan# 1918

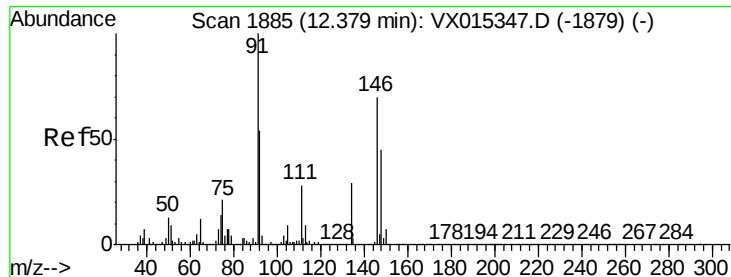
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion:	117	Resp:	111298
Ion Ratio	Lower	Upper	
117	100		
201	92.1	44.9	134.5





#87

1,2-Dichlorobenzene

Concen: 19.160 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

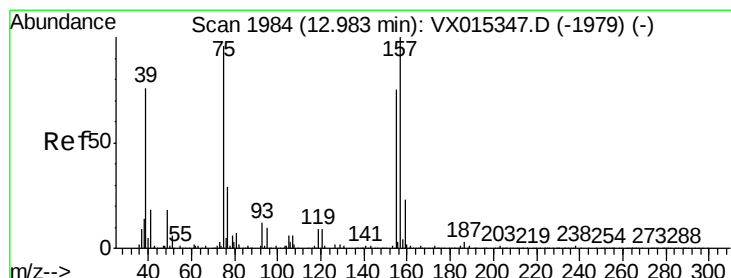
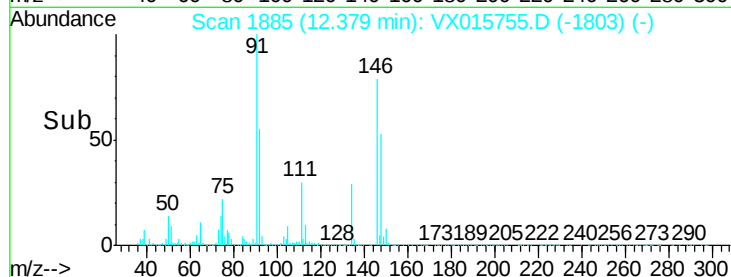
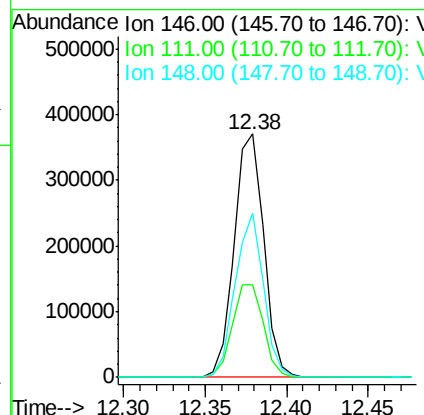
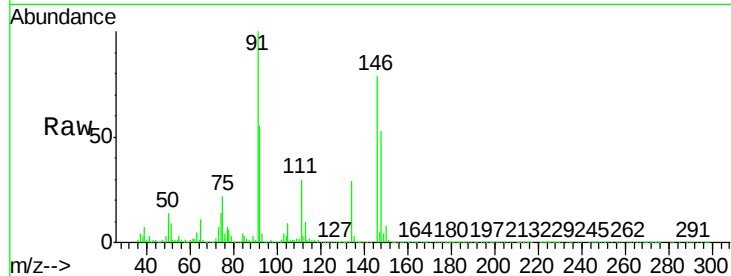
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	467787		
111	39.7	20.4	61.2	
148	64.4	31.9	95.9	

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#88

1,2-Dibromo-3-Chloropropane

Concen: 15.932 ug/l

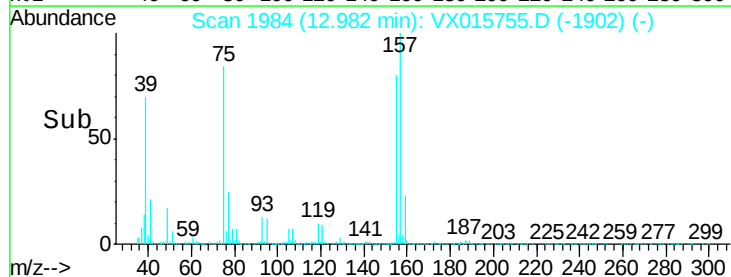
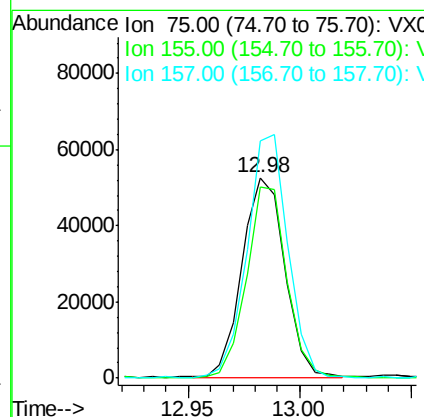
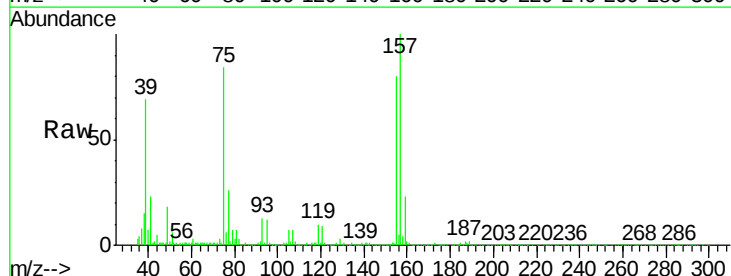
RT: 12.98 min Scan# 1984

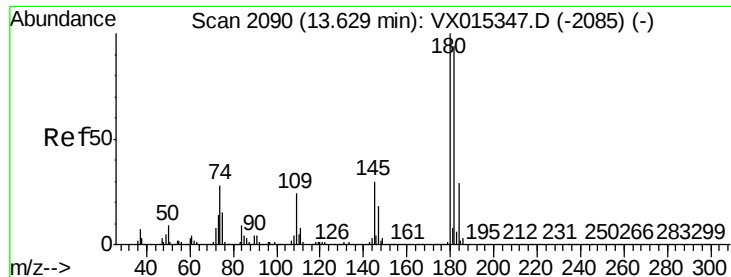
Delta R.T. -0.00 min

Lab File: VX015755.D

Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70520		
155	91.2	67.7	101.5	
157	117.2	88.5	132.7	





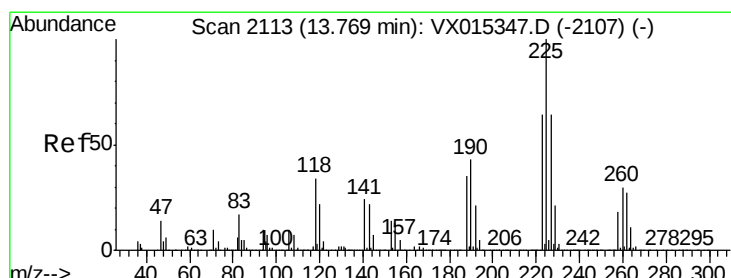
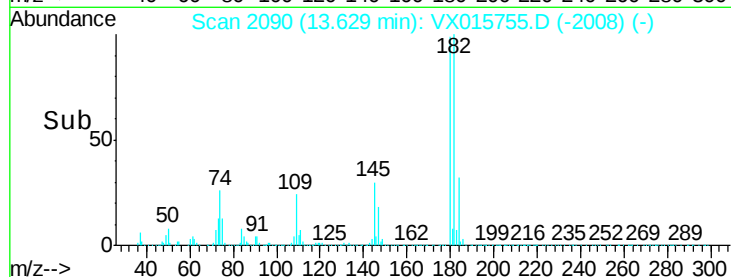
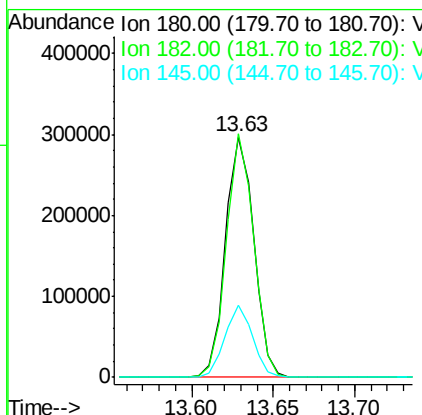
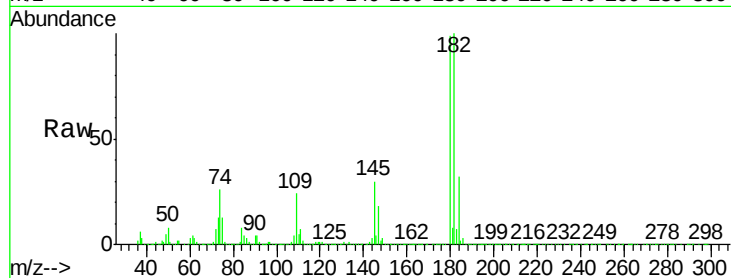
#89
 1,2,4-Trichlorobenzene
 Concen: 18.260 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	359146		
182	96.9	76.9	115.3	
145	29.4	24.3	36.5	

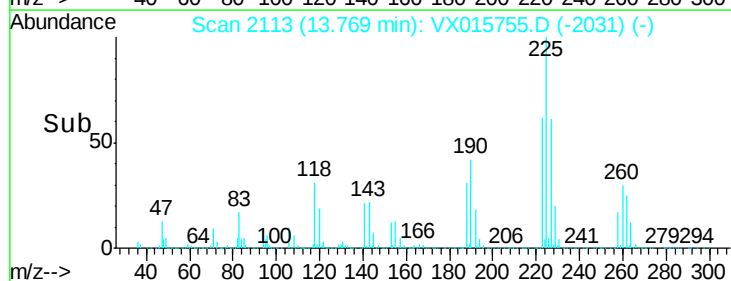
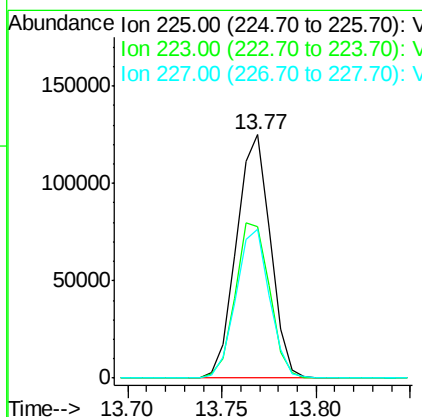
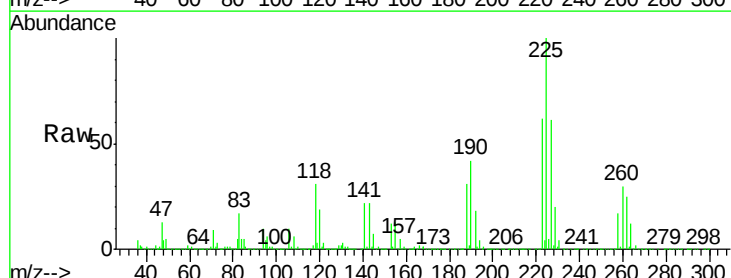
Manual Integrations
 APPROVED

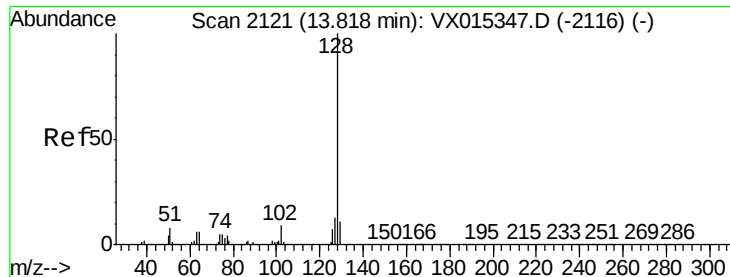
MMDadoda
 4/20/2020 10:03:20 AM



#90
 Hexachlorobutadiene
 Concen: 15.088 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015755.D
 Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156328		
223	64.3	0.0	127.0	
227	60.6	0.0	126.8	





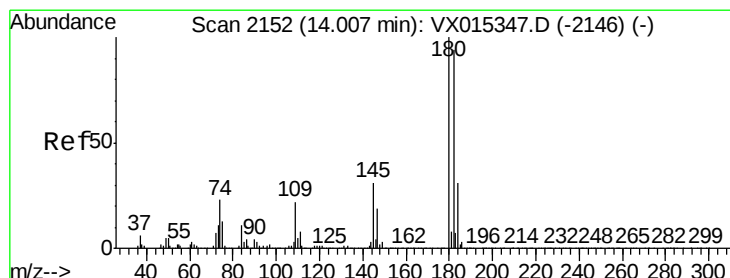
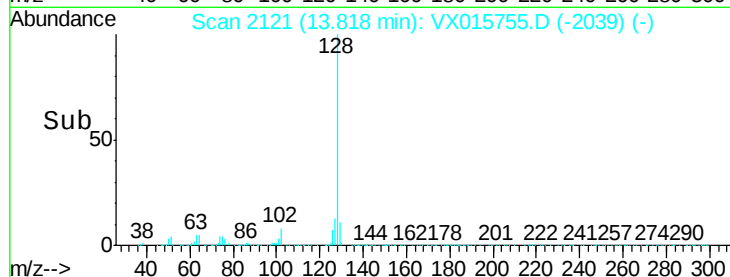
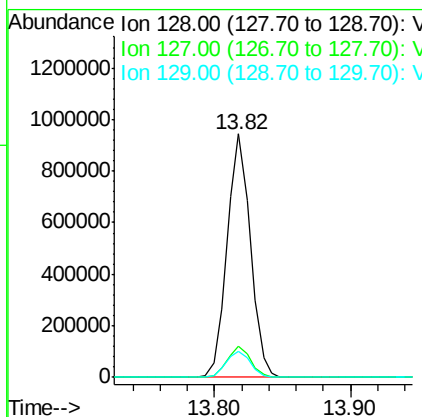
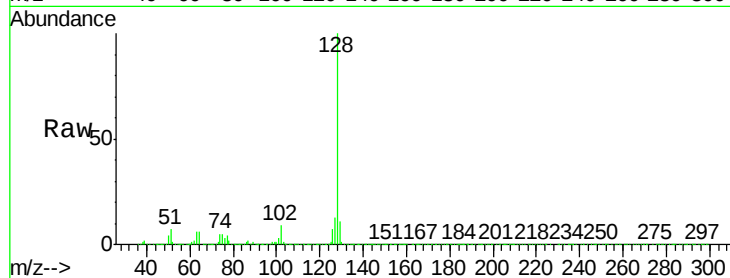
#91
Naphthalene
Concen: 19.675 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:20 AM



#92
1,2,3-Trichlorobenzene
Concen: 18.459 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015755.D
Acq: 17 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	191.0
145	30.8	0.0	62.2

