

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017741.D
 Acq On : 03 Aug 2020 12:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 06:49:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	503055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	731892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	720019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	387857	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	314079	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
35) Dibromofluoromethane	5.46	113	247440	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
50) Toluene-d8	8.70	98	902185	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.12	95	347235	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	234208	50.186	ug/l	99
3) Chloromethane	1.31	50	282981	45.541	ug/l	99
4) Vinyl Chloride	1.39	62	294322	46.494	ug/l	99
5) Bromomethane	1.62	94	173804	51.152	ug/l	97
6) Chloroethane	1.70	64	182857	52.421	ug/l	98
7) Trichlorofluoromethane	1.91	101	498933	50.109	ug/l	98
8) Diethyl Ether	2.17	74	167822	52.044	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273441	50.044	ug/l	97
10) Methyl Iodide	2.49	142	326943	46.771	ug/l	98
11) Tert butyl alcohol	3.02	59	312187	229.227	ug/l	100
12) 1,1-Dichloroethene	2.36	96	252430	48.581	ug/l	99
13) Acrolein	2.27	56	322321	308.987	ug/l	100
14) Allyl chloride	2.70	41	481179	50.716	ug/l	98
15) Acrylonitrile	3.12	53	730531	248.347	ug/l	100
16) Acetone	2.42	43	636250	223.706	ug/l	100
17) Carbon Disulfide	2.55	76	681154	43.129	ug/l	99
18) Methyl Acetate	2.75	43	360784	53.862	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	901070	50.103	ug/l	100
20) Methylene Chloride	2.83	84	290970	54.434	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	275949	49.574	ug/l	99
22) Diisopropyl ether	3.82	45	883027	50.901	ug/l	99
23) Vinyl Acetate	3.78	43	3919362	253.386	ug/l	99
24) 1,1-Dichloroethane	3.67	63	503008	50.334	ug/l	98
25) 2-Butanone	4.64	43	907049	224.495	ug/l	96
26) 2,2-Dichloropropane	4.55	77	462689	51.723	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	294747	48.751	ug/l	98
28) Bromochloromethane	4.98	49	211070	46.608	ug/l	97
29) Tetrahydrofuran	5.09	42	586069	234.173	ug/l	100
30) Chloroform	5.18	83	505349	49.490	ug/l	96
31) Cyclohexane	5.55	56	375532	47.123	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	480093	49.860	ug/l	99
36) 1,1-Dichloropropene	5.77	75	355168	50.598	ug/l	100
37) Ethyl Acetate	4.79	43	385007	50.128	ug/l	100
38) Carbon Tetrachloride	5.75	117	441419	51.784	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	410706	50.120	ug/l	99
40) Benzene	6.12	78	1023752	50.871	ug/l	99
41) Methacrylonitrile	5.00	41	209043	47.485	ug/l	97
42) 1,2-Dichloroethane	6.16	62	423793	51.474	ug/l	100
43) Isopropyl Acetate	6.41	43	599666	47.321	ug/l	100
44) Trichloroethene	7.18	130	314102	53.407	ug/l	99
45) 1,2-Dichloropropane	7.49	63	279217	50.049	ug/l	100
46) Dibromomethane	7.63	93	194288	49.279	ug/l	97
47) Bromodichloromethane	7.87	83	411670	51.893	ug/l	99
48) Methyl methacrylate	7.74	41	306582	48.807	ug/l	97
49) 1,4-Dioxane	7.71	88	108100	897.605	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1887375	249.618	ug/l	99
52) Toluene	8.76	92	671353	52.018	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	457930	51.566	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	477557	52.722	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	276176	51.368	ug/l	99
56) Ethyl methacrylate	9.16	69	433836	53.560	ug/l	98
57) 1,3-Dichloropropane	9.35	76	453100	51.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1004302	235.339	ug/l	98
59) 2-Hexanone	9.47	43	1435709	252.206	ug/l	99
60) Dibromochloromethane	9.57	129	364812	53.386	ug/l	97
61) 1,2-Dibromoethane	9.65	107	303766	53.069	ug/l	99
64) Tetrachloroethene	9.32	164	319815	49.489	ug/l	94
65) Chlorobenzene	10.12	112	784752	50.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	319936	50.865	ug/l	100
67) Ethyl Benzene	10.23	91	1300814	50.002	ug/l	98
68) m/p-Xylenes	10.34	106	1034091	102.605	ug/l	97
69) o-Xylene	10.68	106	498246	51.402	ug/l	98
70) Styrene	10.70	104	876516	53.148	ug/l	99
71) Bromoform	10.84	173	280335	51.443	ug/l	98
73) Isopropylbenzene	11.00	105	1378440	51.806	ug/l	98
74) N-amyl acetate	10.88	43	563827	47.693	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	375313	45.190	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	497703	62.381	ug/l	81
77) Bromobenzene	11.24	156	356184	47.817	ug/l	99
78) n-propylbenzene	11.34	91	1602923	53.414	ug/l	98
79) 2-Chlorotoluene	11.40	91	909696	48.936	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1163928	51.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	145916	46.084	ug/l	95
82) 4-Chlorotoluene	11.49	91	1098508	50.095	ug/l	100
83) tert-Butylbenzene	11.76	119	1104930	50.830	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1175378	52.018	ug/l	99
85) sec-Butylbenzene	11.93	105	1291902	51.017	ug/l	100
86) p-Isopropyltoluene	12.05	119	1282367	53.177	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	648150	50.670	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	647217	48.848	ug/l	100
89) n-Butylbenzene	12.37	91	1144001	53.239	ug/l	99
90) Hexachloroethane	12.58	117	252395	53.088	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	647800	51.527	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	109744	46.894	ug/l	99

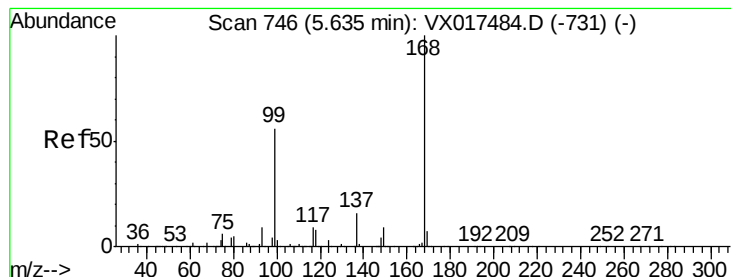
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	487254	56.788	ug/l	98
94) Hexachlorobutadiene	13.77	225	227418	57.580	ug/l	99
95) Naphthalene	13.82	128	1476996	57.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	481622	56.849	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

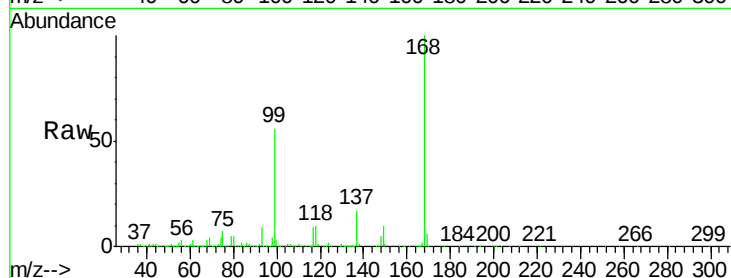
VSTDCCC050

Tot Ion:168 Resp: 503055

Ion Ratio Lower Upper

168 100

99 55.7 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

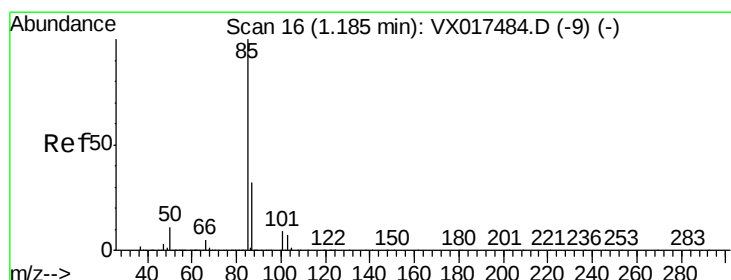
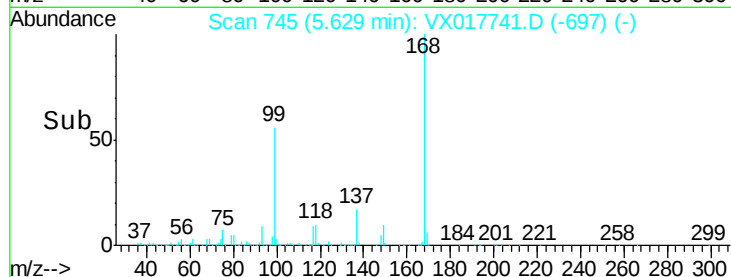
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.186 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017741.D

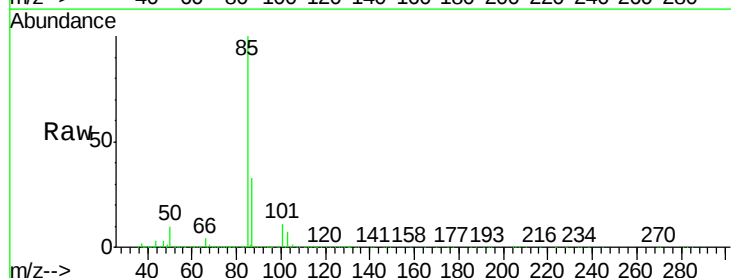
Acq: 03 Aug 2020 12:54

Tgt Ion: 85 Resp: 234208

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

250000

200000

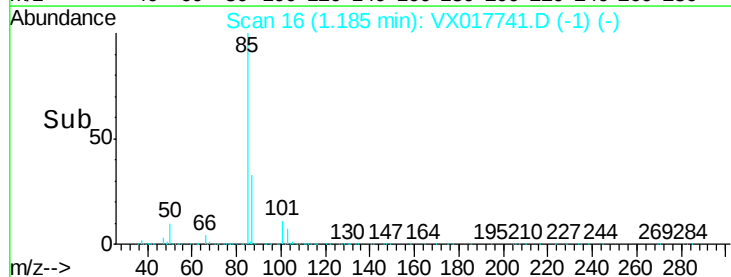
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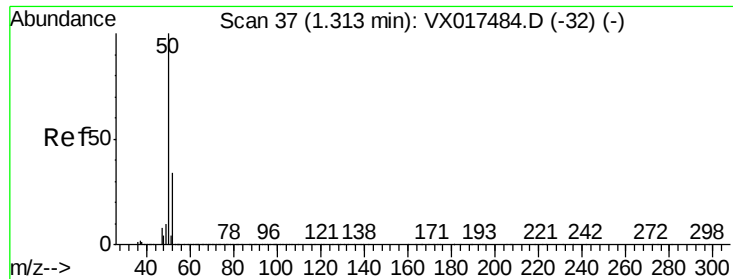
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50000

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Time-->

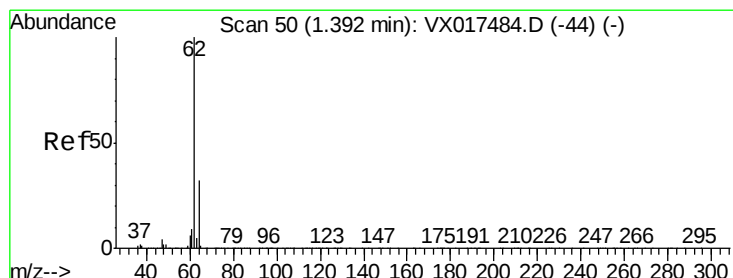
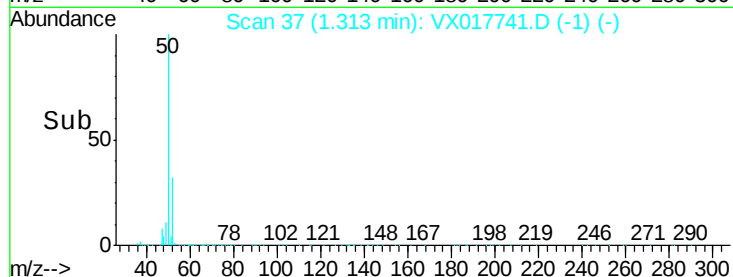
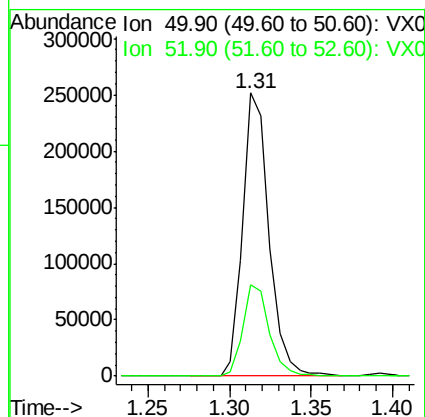
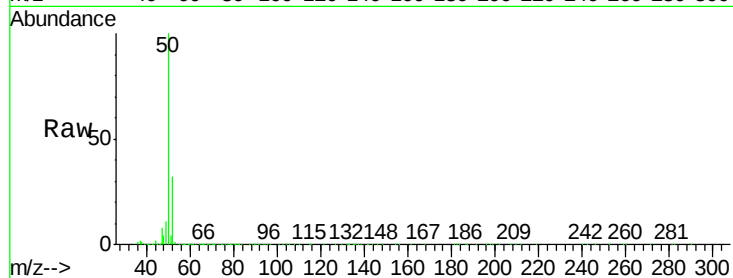




#3
Chloromethane
Concen: 45.541 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

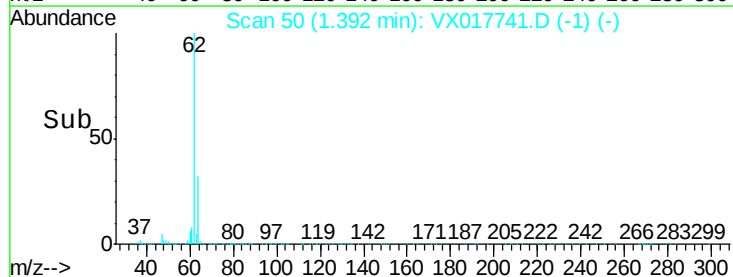
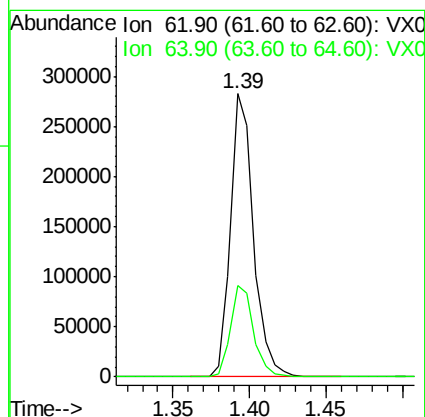
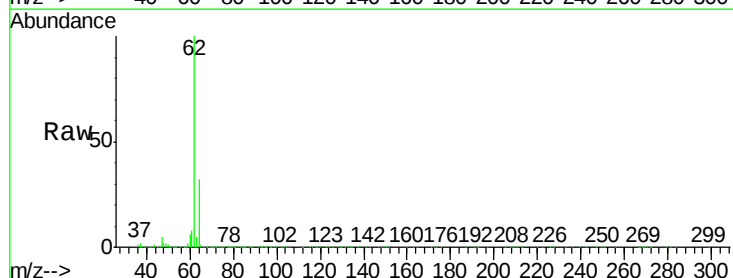
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

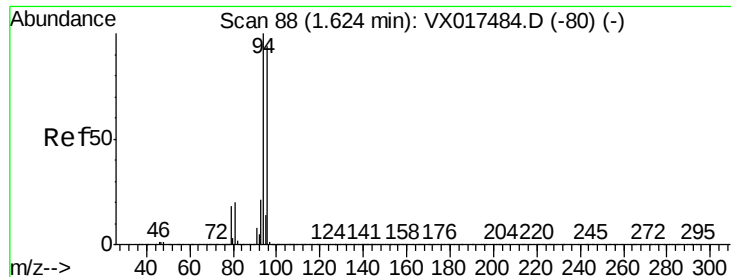
Tot Ion: 50 Resp: 282981
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9



#4
Vinyl Chloride
Concen: 46.494 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion: 62 Resp: 294322
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





#5

Bromomethane

Concen: 51.152 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

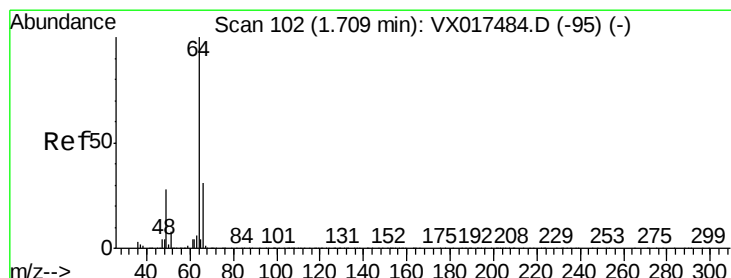
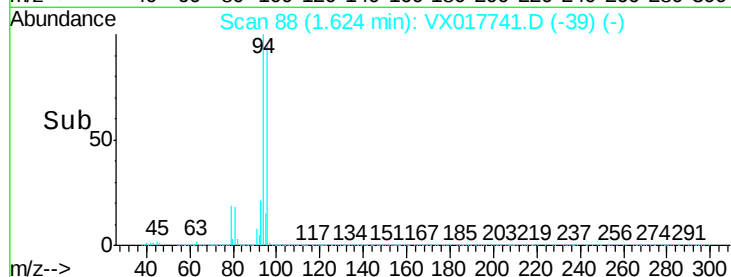
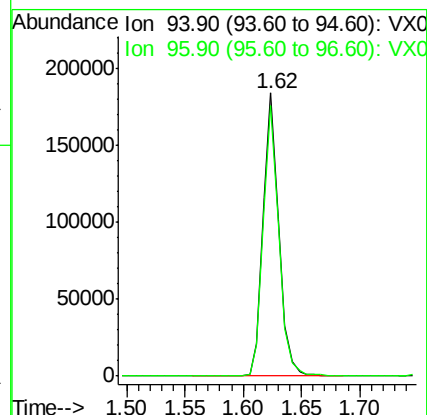
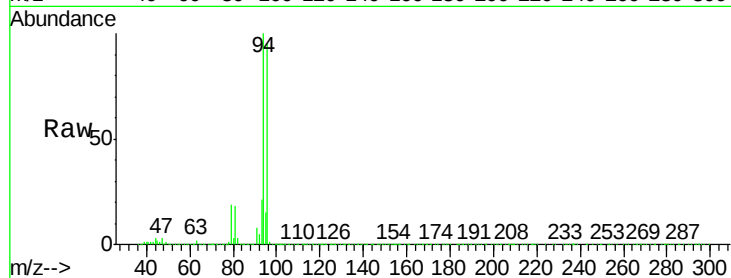
VSTDCCC050

Tot Ion: 94 Resp: 173804

Ion Ratio Lower Upper

94 100

96 95.3 74.1 111.1



#6

Chloroethane

Concen: 52.421 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017741.D

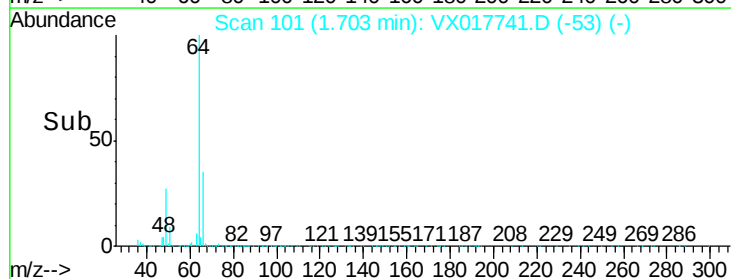
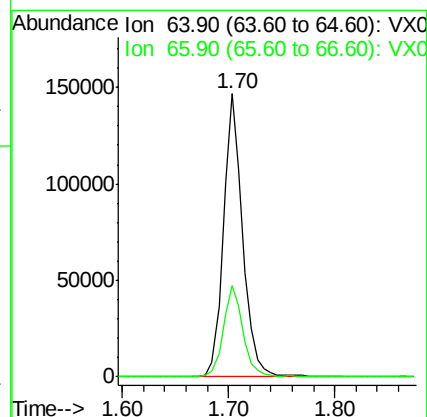
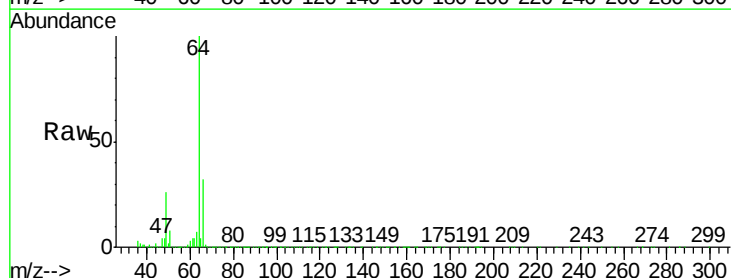
Acq: 03 Aug 2020 12:54

Tgt Ion: 64 Resp: 182857

Ion Ratio Lower Upper

64 100

66 32.1 24.9 37.3



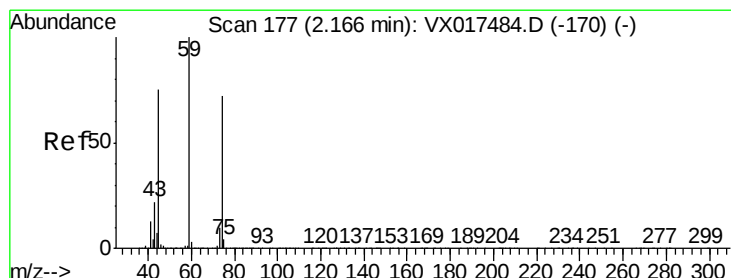
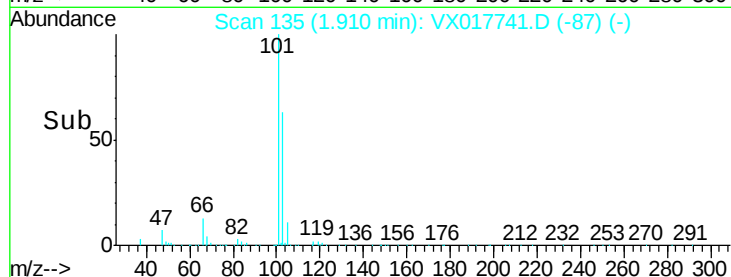
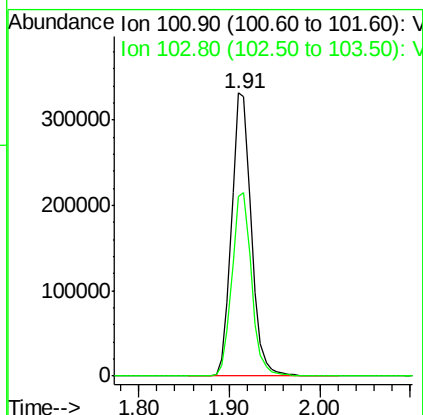
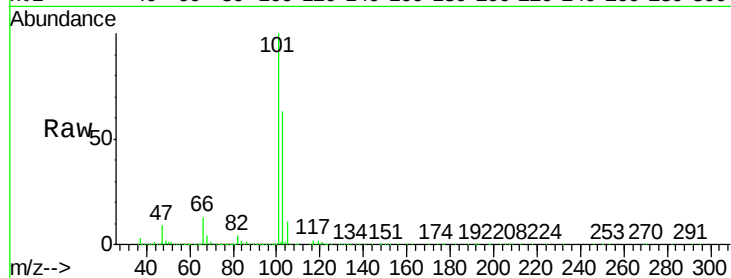


#7

Trichlorofluoromethane
Concen: 50.109 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
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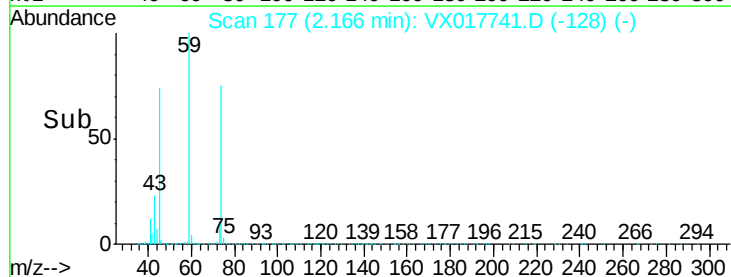
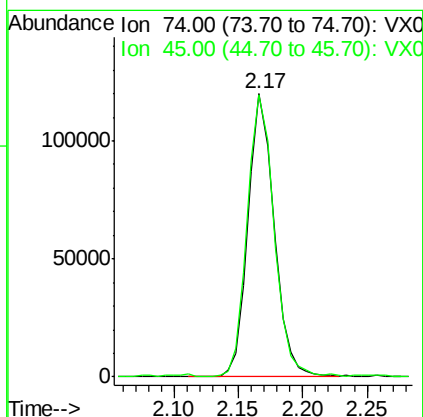
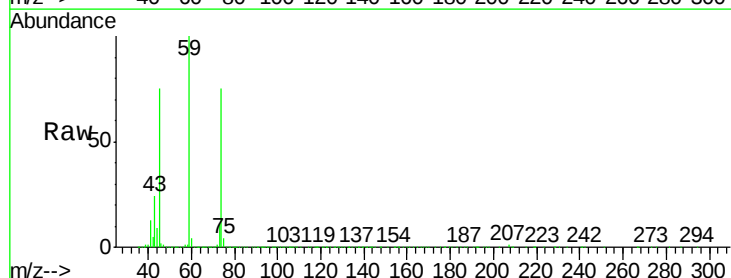
Tot Ion:101 Resp: 498933
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.8

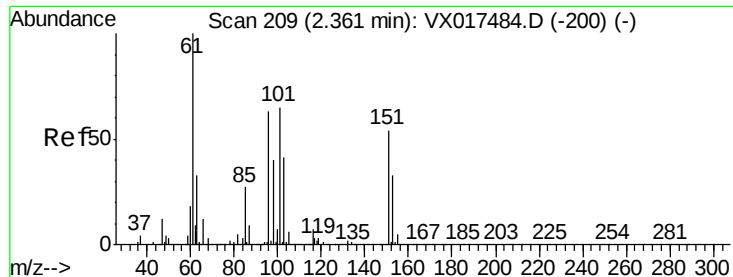


#8

Diethyl Ether
Concen: 52.044 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion: 74 Resp: 167822
Ion Ratio Lower Upper
74 100
45 101.5 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.044 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

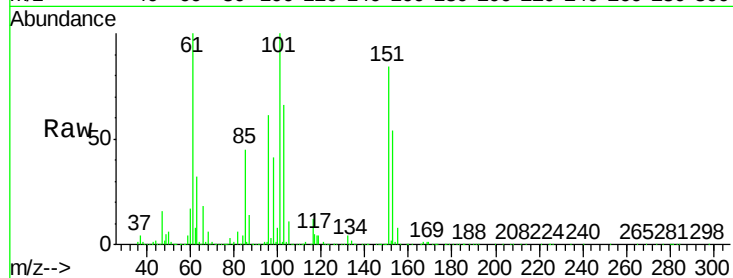
Tot Ion:101 Resp: 273441

Ion Ratio Lower Upper

101 100

85 43.7 34.8 52.2

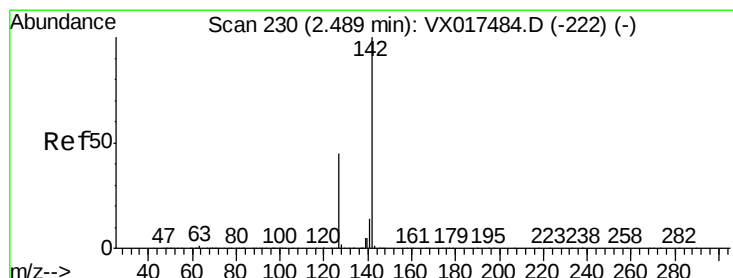
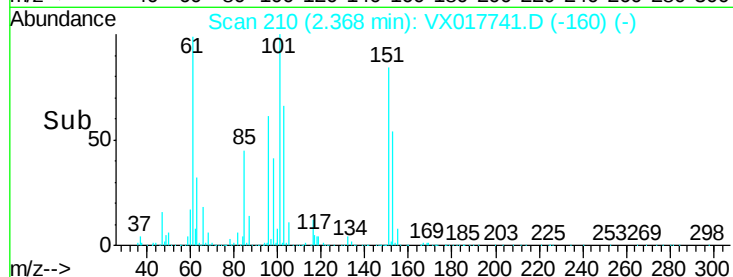
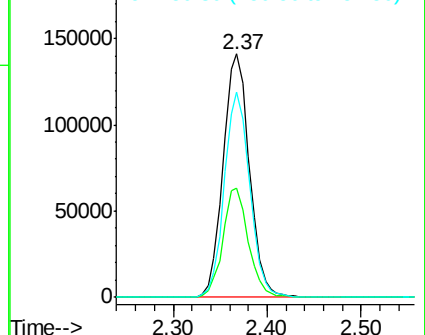
151 81.6 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.771 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

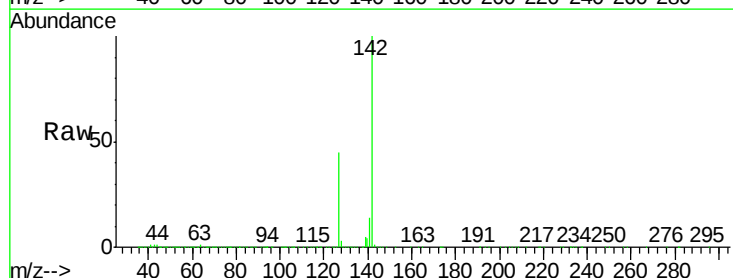
Tgt Ion:142 Resp: 326943

Ion Ratio Lower Upper

142 100

127 46.7 35.9 53.9

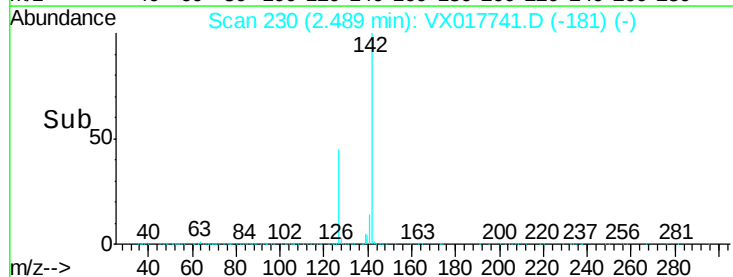
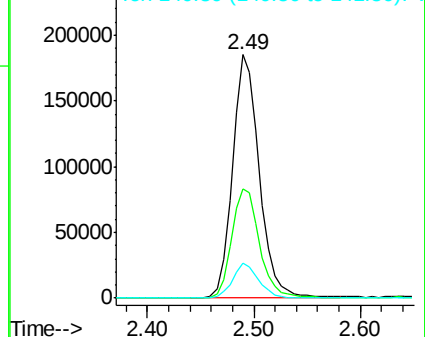
141 14.3 11.4 17.0

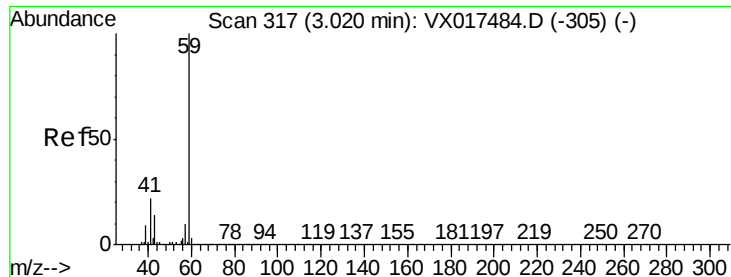


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



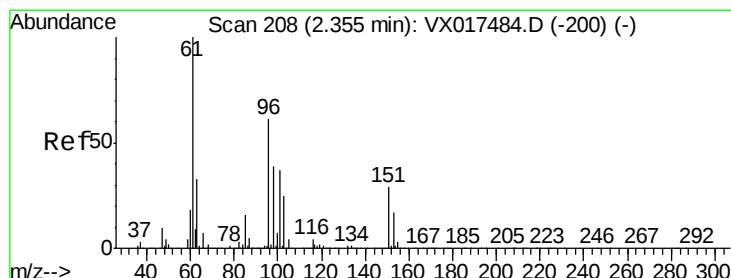
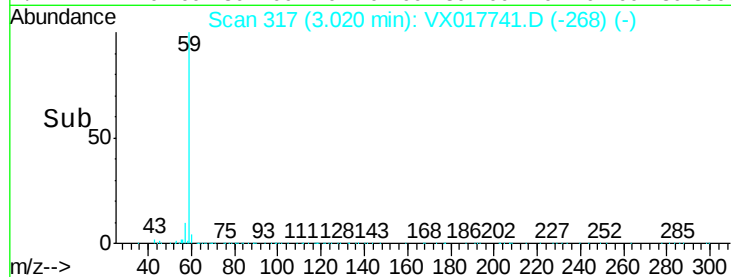
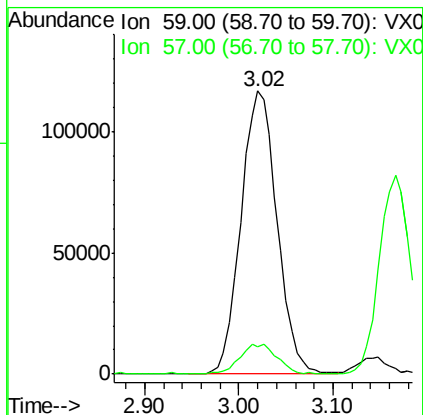
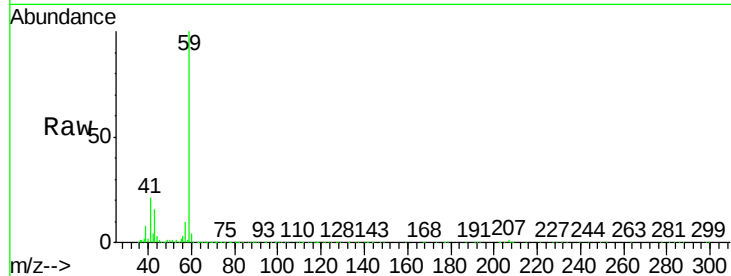


#11

Tert butyl alcohol
 Concen: 229.227 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

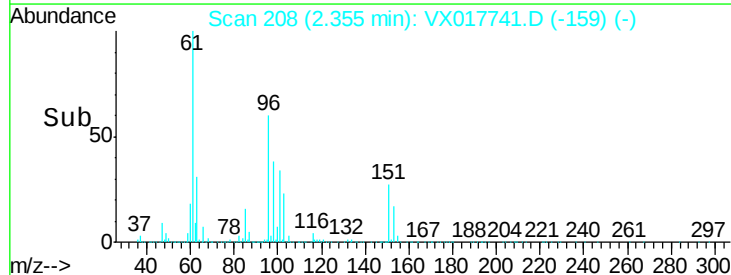
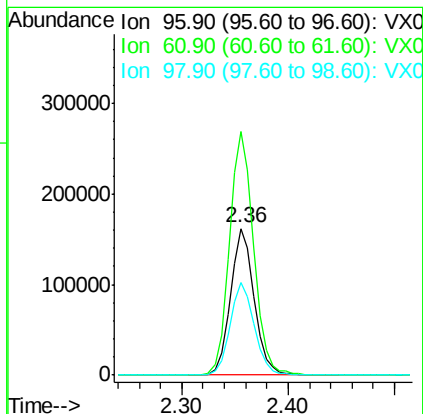
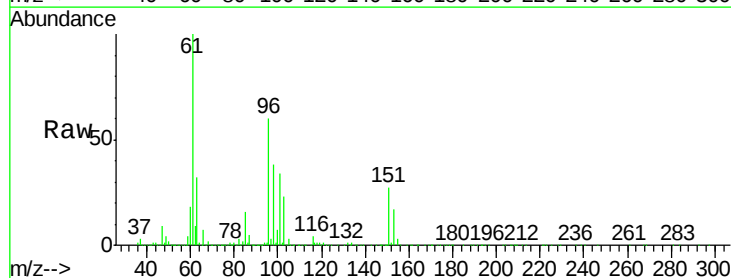
Tot Ion: 59 Resp: 312187
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8

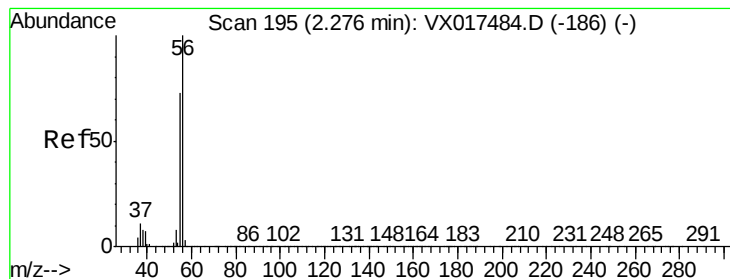


#12

1,1-Dichloroethene
 Concen: 48.581 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion: 96 Resp: 252430
 Ion Ratio Lower Upper
 96 100
 61 166.3 134.0 201.0
 98 63.2 51.0 76.4





#13

Acrolein

Concen: 308.987 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

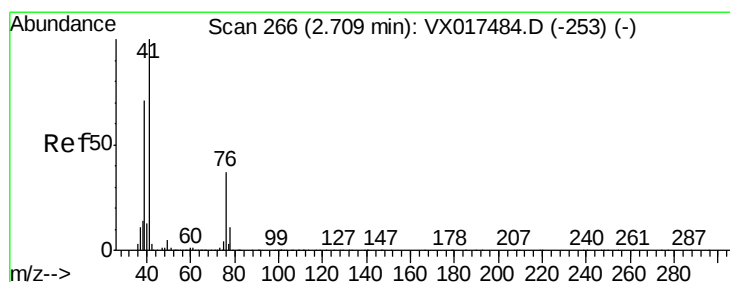
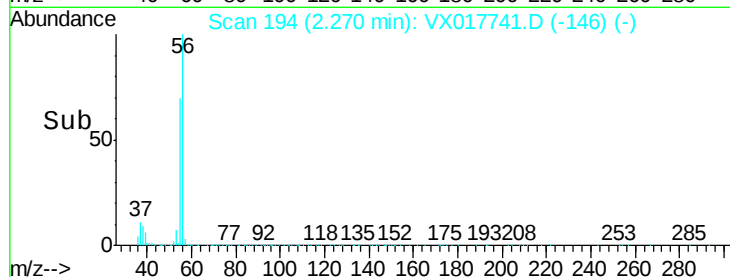
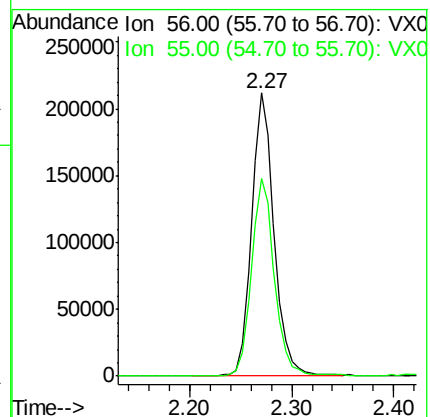
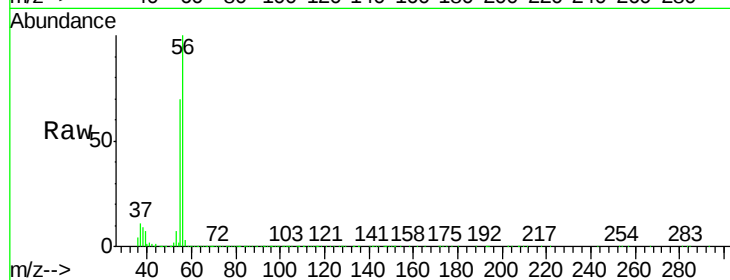
VSTDCCC050

Tot Ion: 56 Resp: 322321

Ion Ratio Lower Upper

56 100

55 71.5 57.4 86.2



#14

Allyl chloride

Concen: 50.716 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

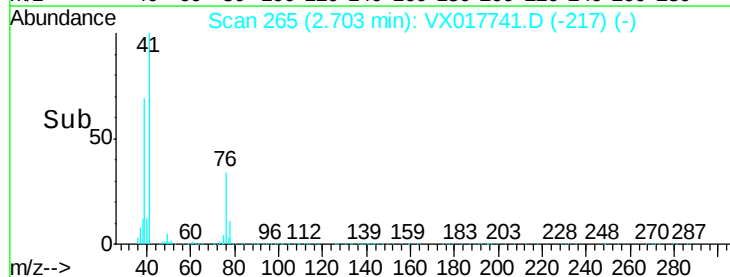
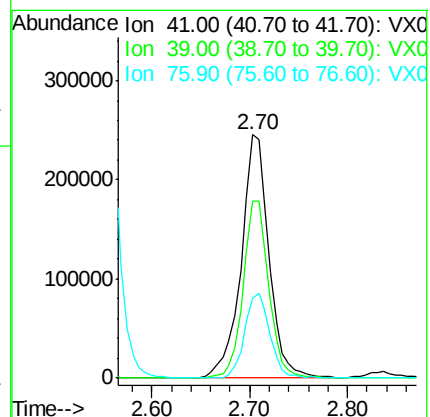
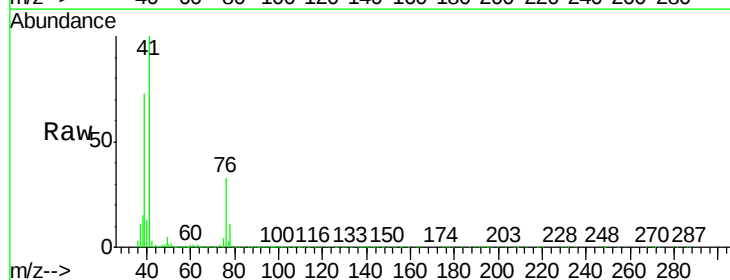
Tgt Ion: 41 Resp: 481179

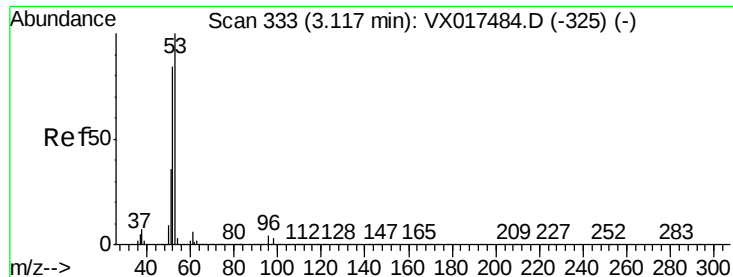
Ion Ratio Lower Upper

41 100

39 67.0 51.9 77.9

76 31.2 25.5 38.3





#15

Acrylonitrile

Concen: 248.347 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

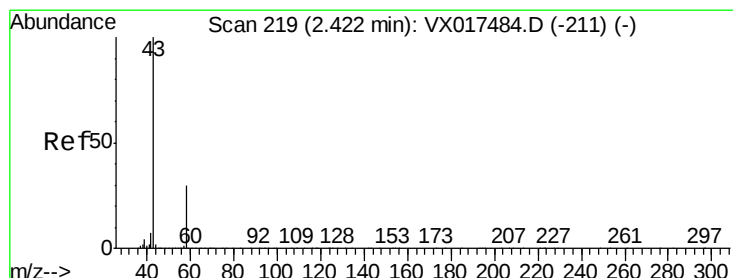
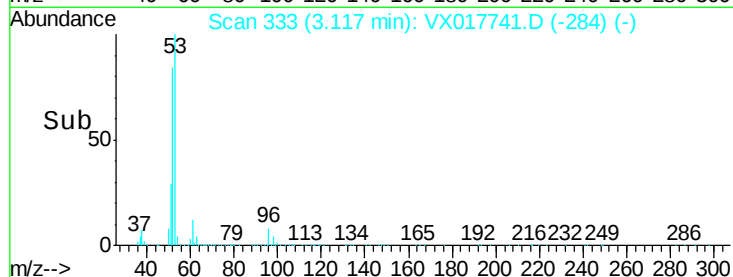
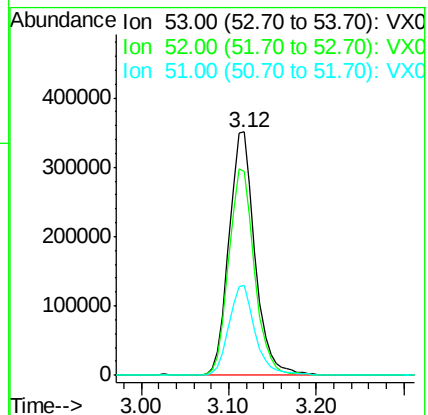
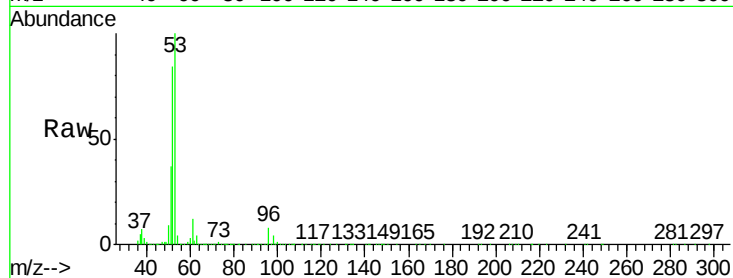
Tot Ion: 53 Resp: 730531

Ion Ratio Lower Upper

53 100

52 83.5 66.6 99.8

51 37.1 29.4 44.2



#16

Acetone

Concen: 223.706 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017741.D

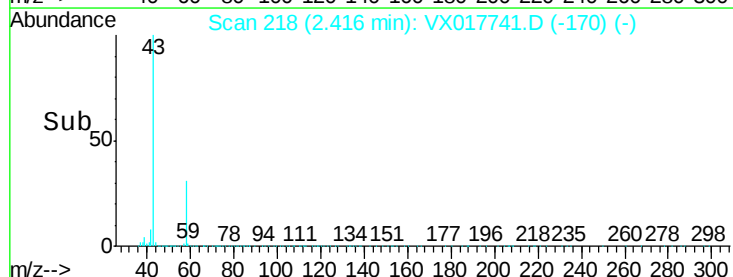
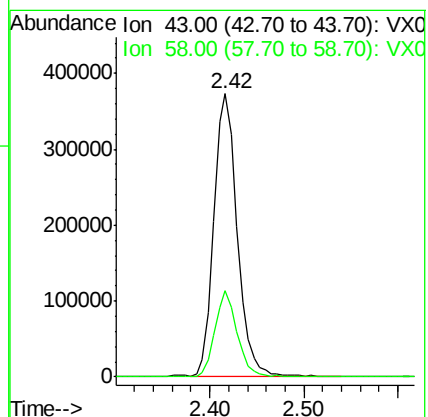
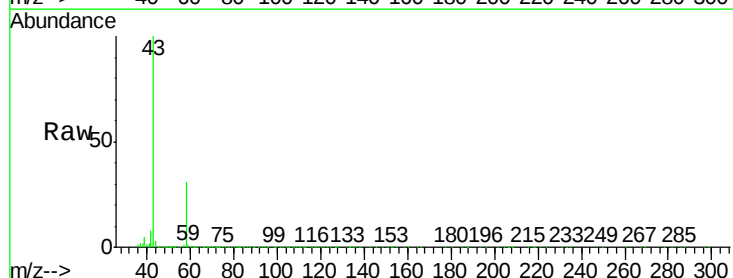
Acq: 03 Aug 2020 12:54

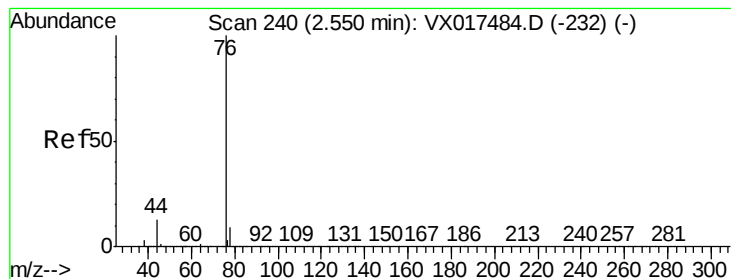
Tgt Ion: 43 Resp: 636250

Ion Ratio Lower Upper

43 100

58 30.6 24.2 36.4





#17

Carbon Disulfide

Concen: 43.129 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

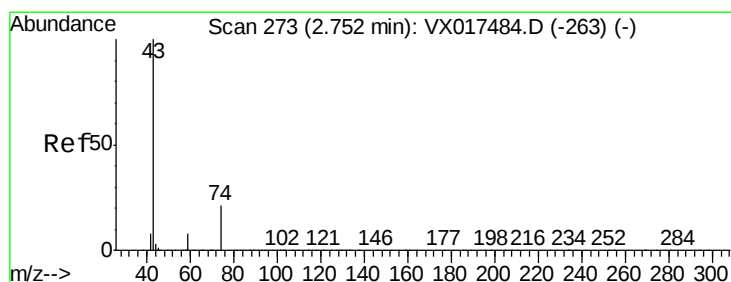
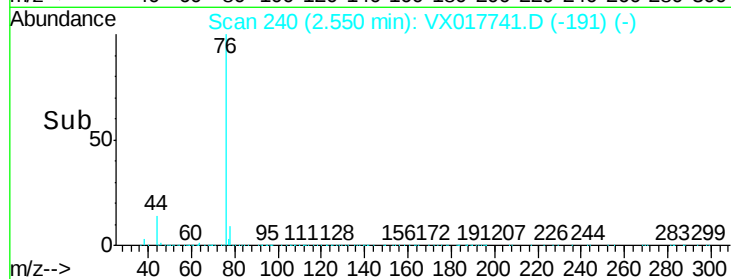
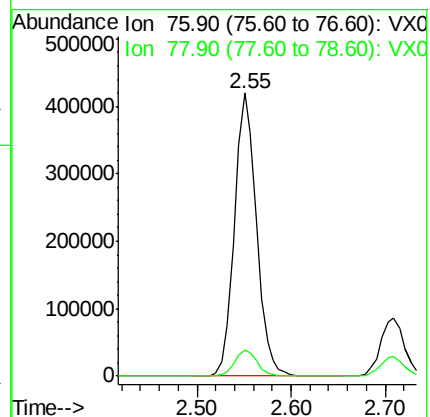
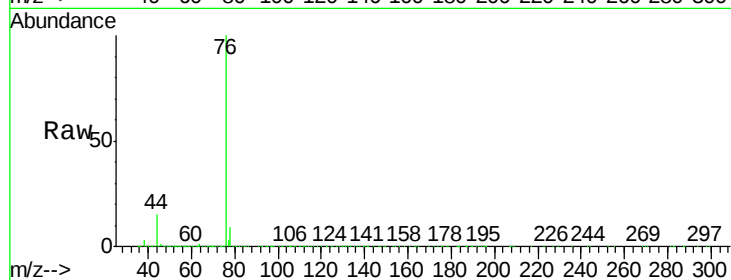
VSTDCCC050

Tot Ion: 76 Resp: 681154

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



#18

Methyl Acetate

Concen: 53.862 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017741.D

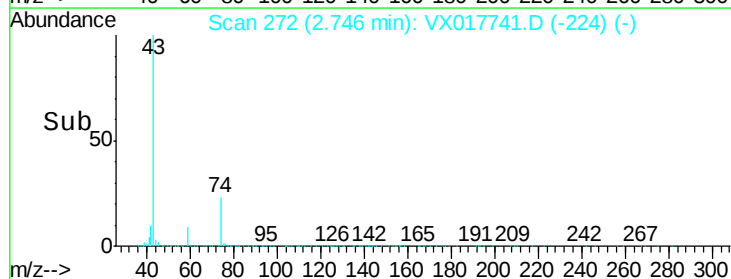
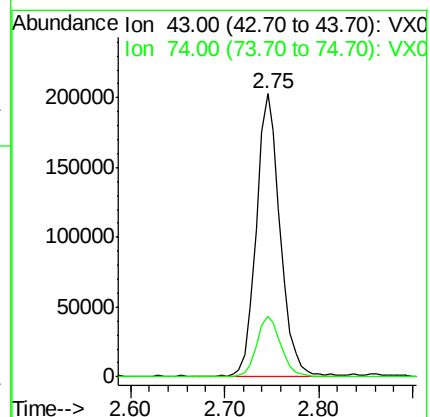
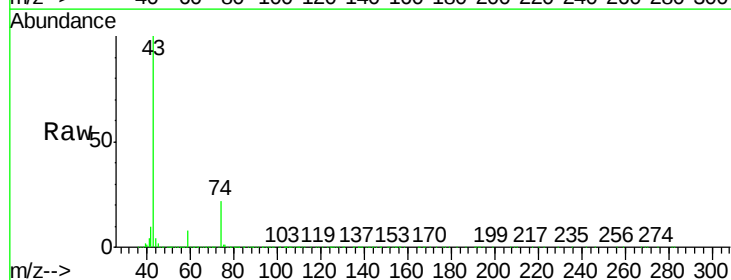
Acq: 03 Aug 2020 12:54

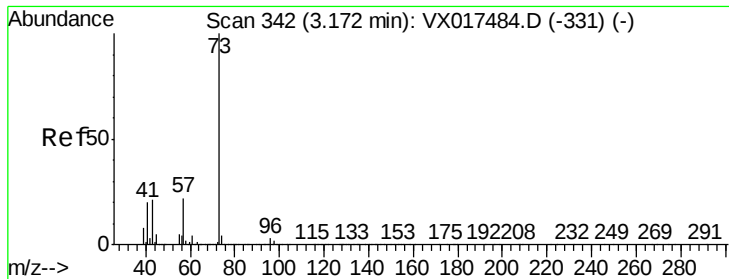
Tgt Ion: 43 Resp: 360784

Ion Ratio Lower Upper

43 100

74 21.8 17.5 26.3



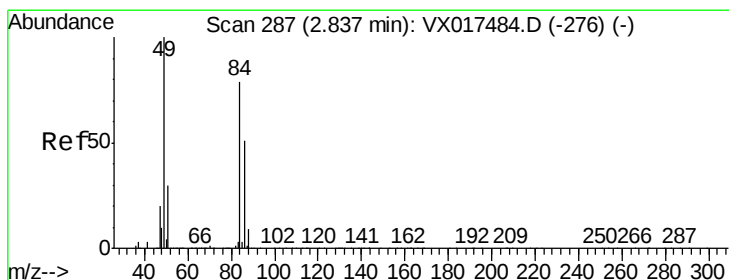
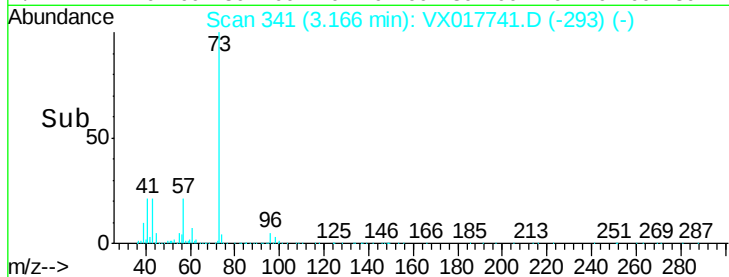
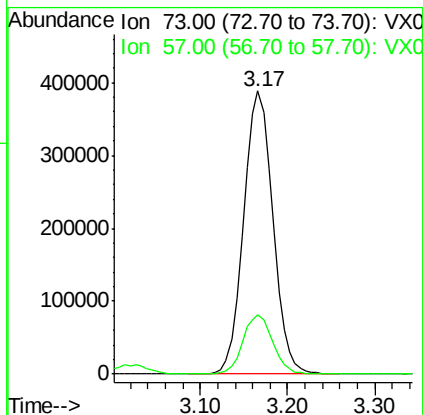
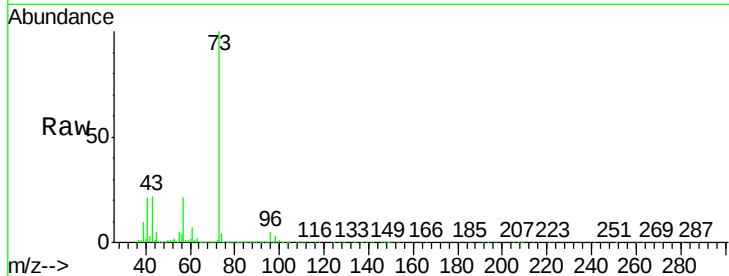


#19

Methyl tert-butyl Ether
 Concen: 50.103 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

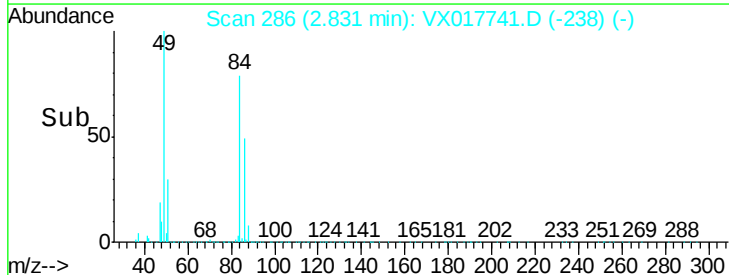
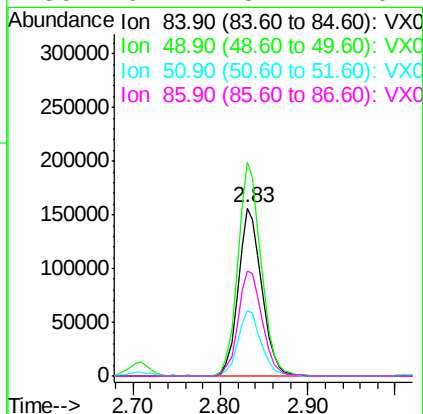
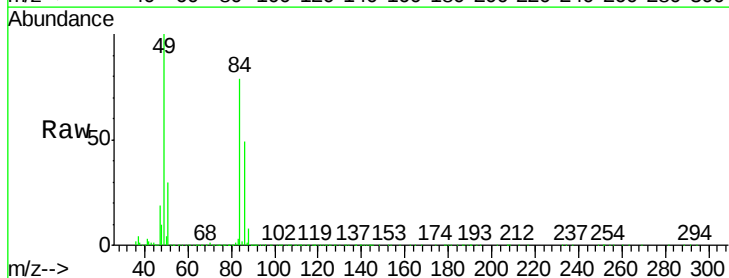
Tot Ion: 73 Resp: 901070
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.0 25.4

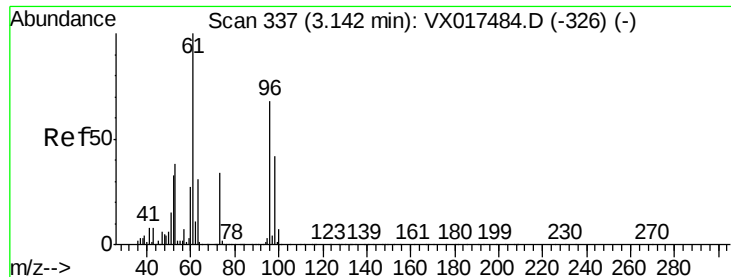


#20

Methylene Chloride
 Concen: 54.434 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion: 84 Resp: 290970
 Ion Ratio Lower Upper
 84 100
 49 126.8 100.3 150.5
 51 38.4 30.5 45.7
 86 62.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.574 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

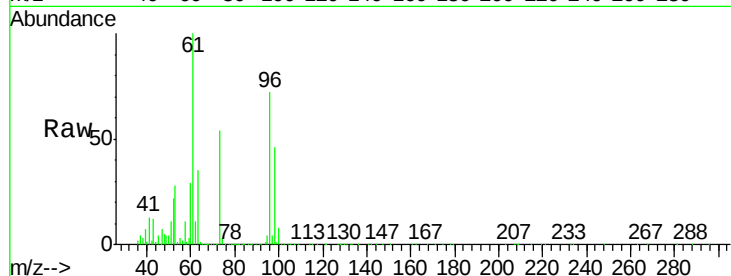
Tot Ion: 96 Resp: 275949

Ion Ratio Lower Upper

96 100

61 139.3 113.0 169.4

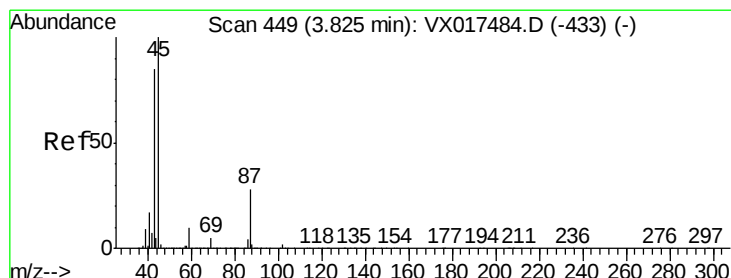
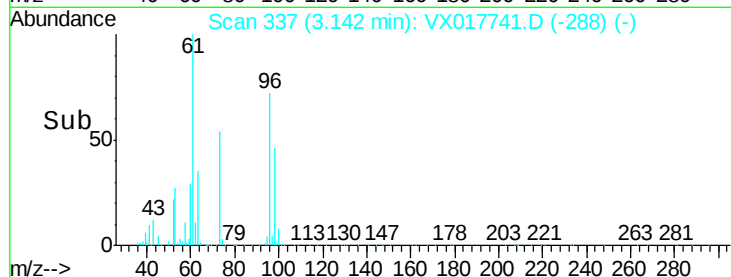
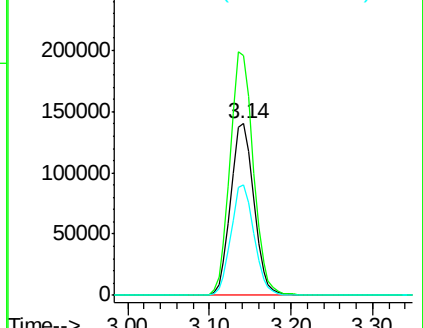
98 64.3 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.901 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion: 45 Resp: 883027

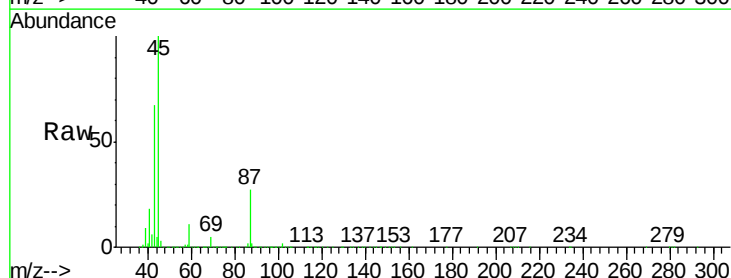
Ion Ratio Lower Upper

45 100

43 66.0 52.0 78.0

87 27.1 22.2 33.4

59 11.0 8.9 13.3

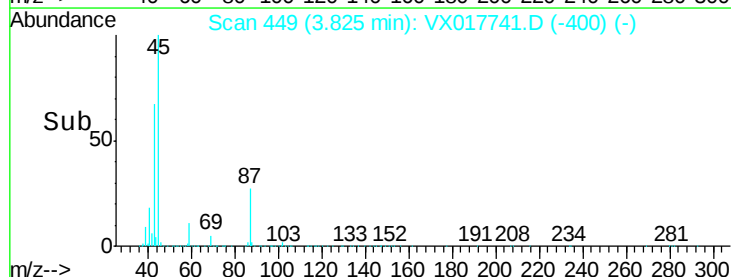
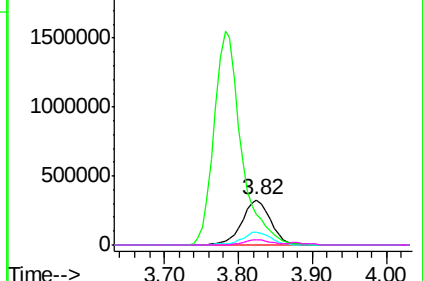


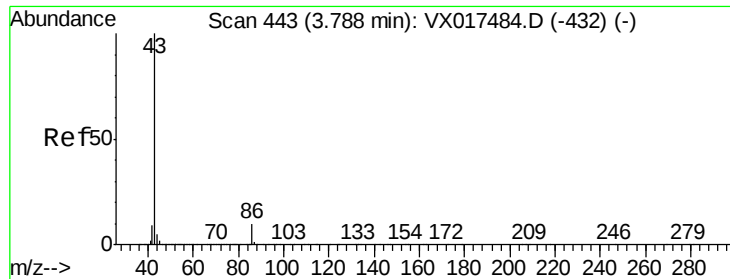
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 253.386 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

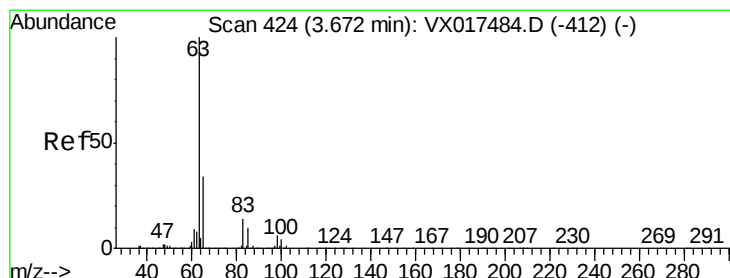
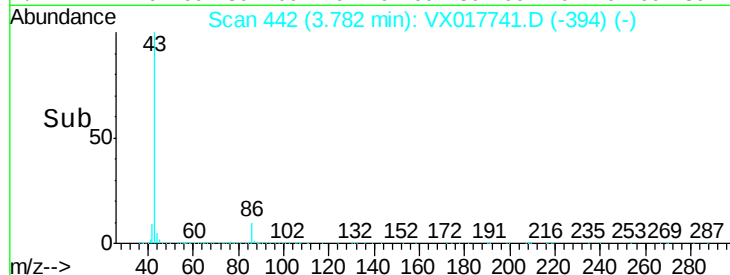
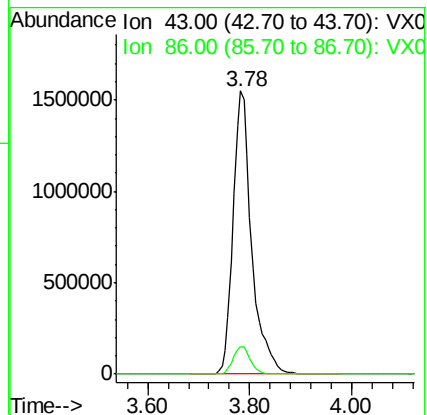
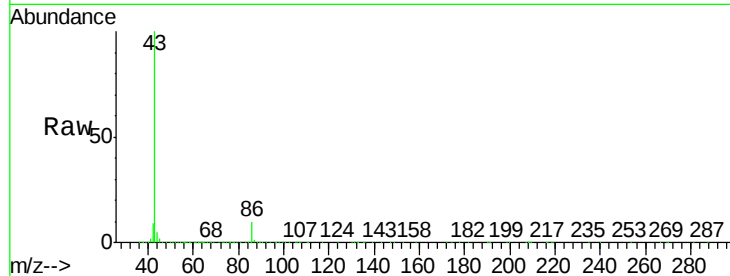
VSTDCCC050

Tot Ion: 43 Resp: 3919362

Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.4



#24

1,1-Dichloroethane

Concen: 50.334 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

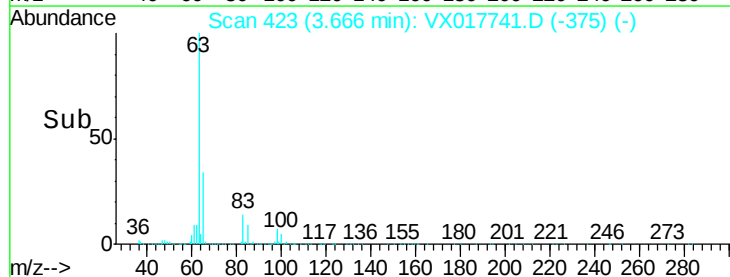
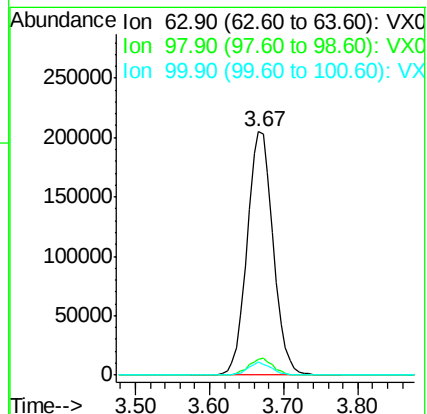
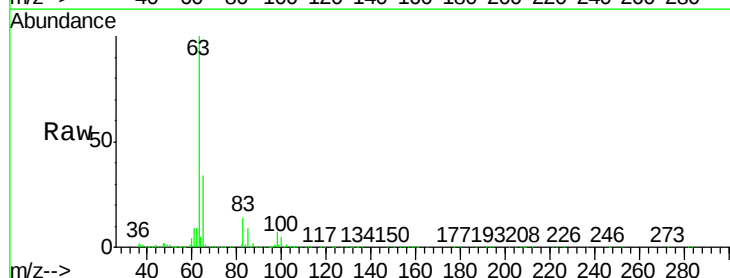
Tgt Ion: 63 Resp: 503008

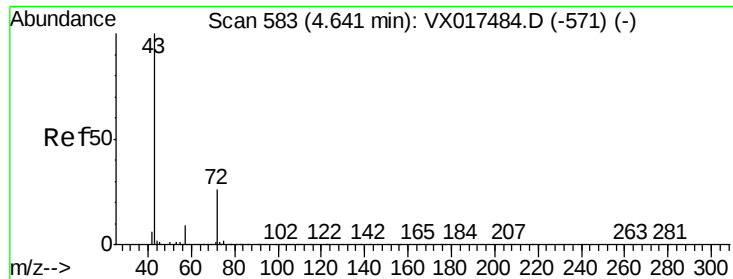
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 5.5 1.9 5.7

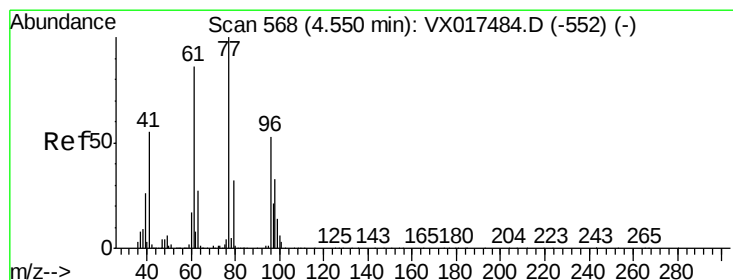
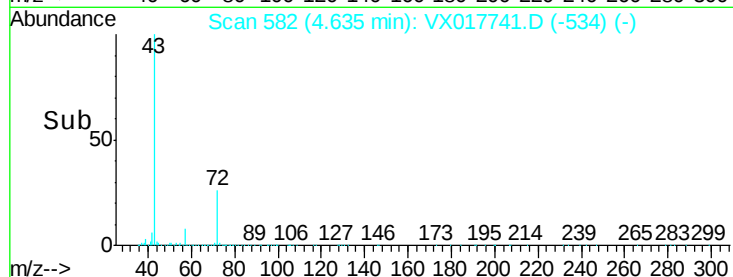
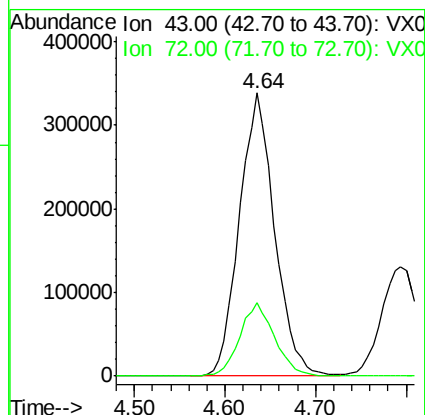
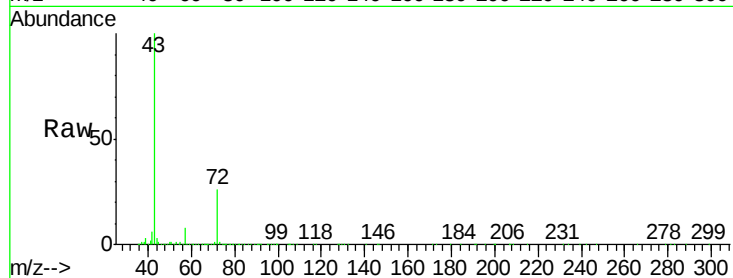




#25
2-Butanone
Concen: 224.495 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

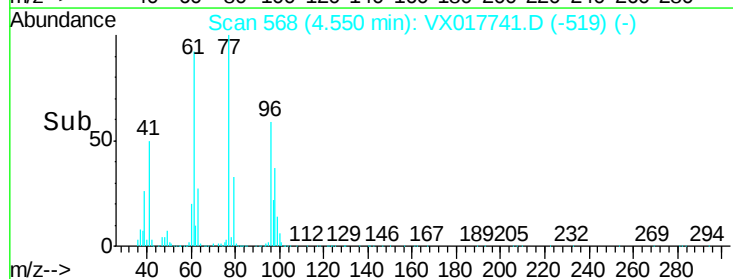
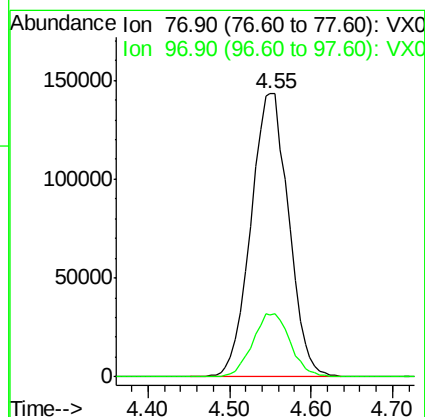
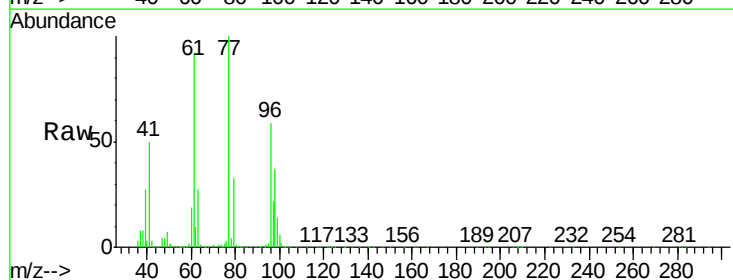
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

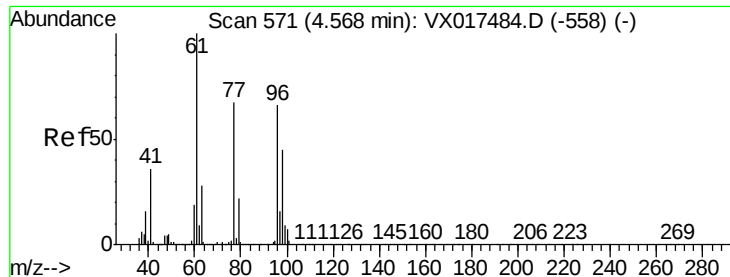
Tot Ion: 43 Resp: 907049
Ion Ratio Lower Upper
43 100
72 25.7 19.0 28.4



#26
2,2-Dichloropropane
Concen: 51.723 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion: 77 Resp: 462689
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9



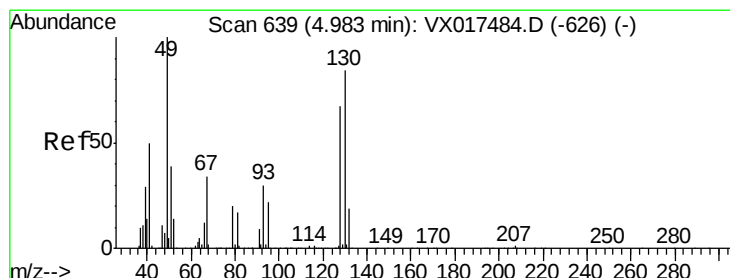
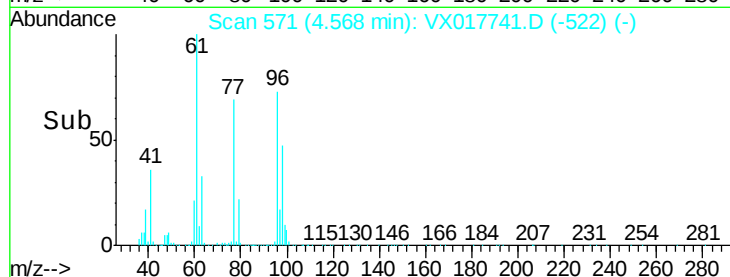
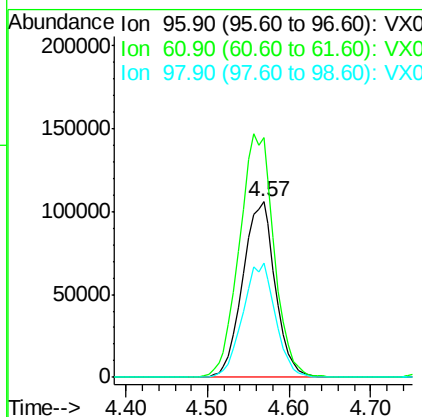
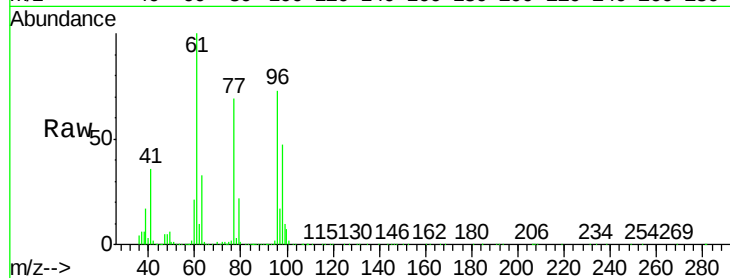


#27

cis-1,2-Dichloroethene
Concen: 48.751 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

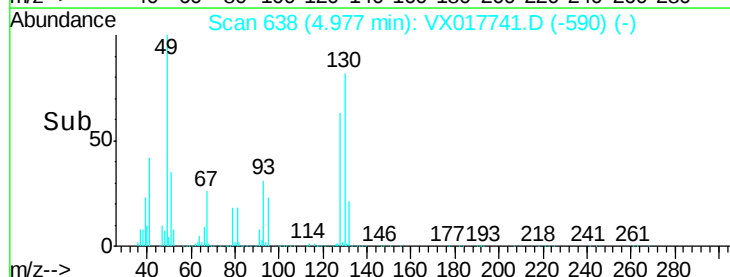
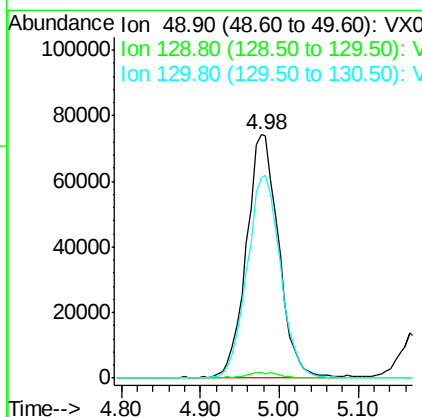
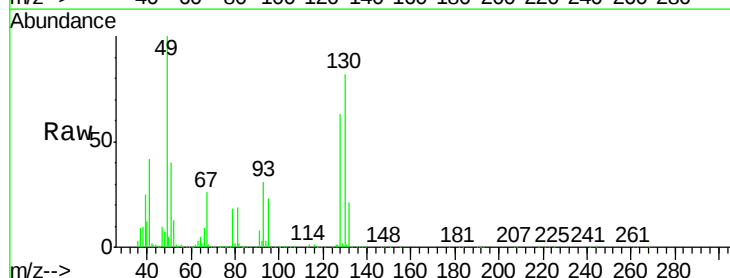
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	301.2
98	65.4	0.0	130.0

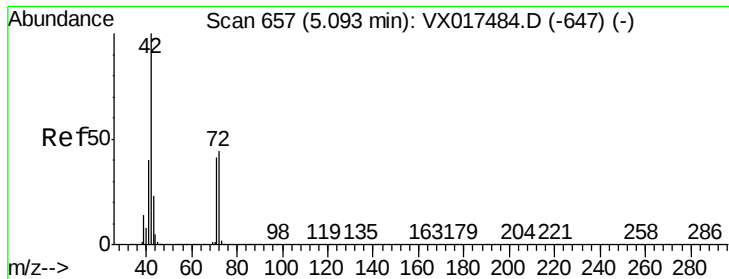


#28

Bromochloromethane
Concen: 46.608 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	86.1	66.7	100.1

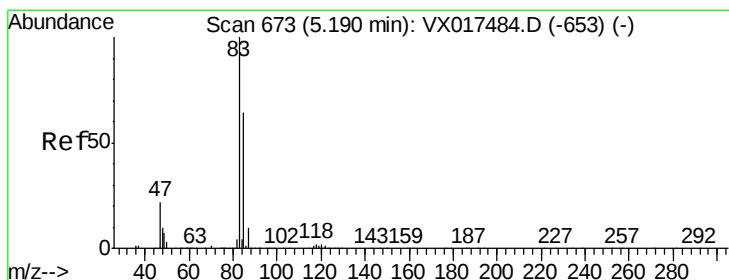
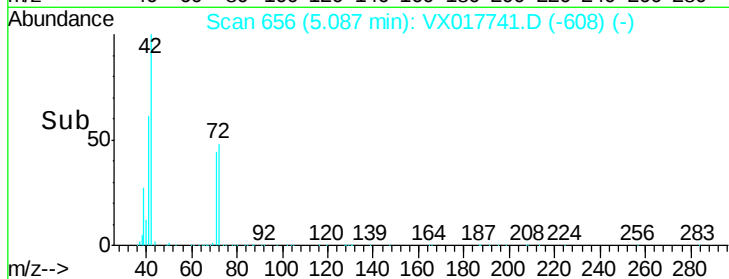
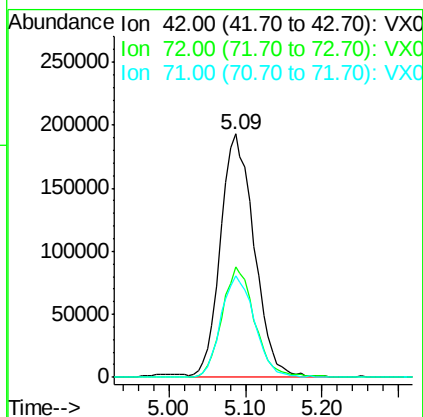
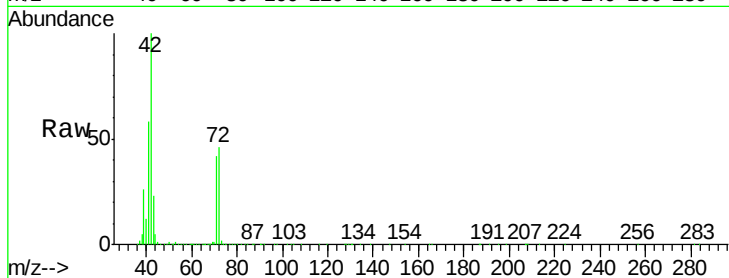




#29
Tetrahydrofuran
Concen: 234.173 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

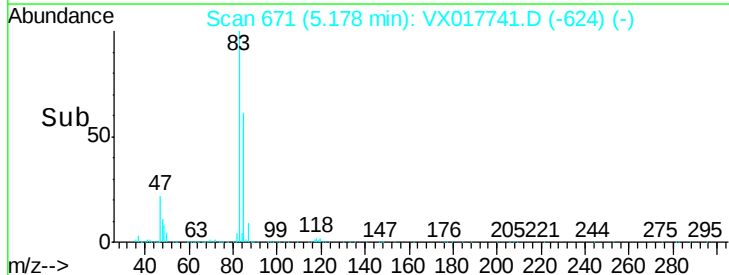
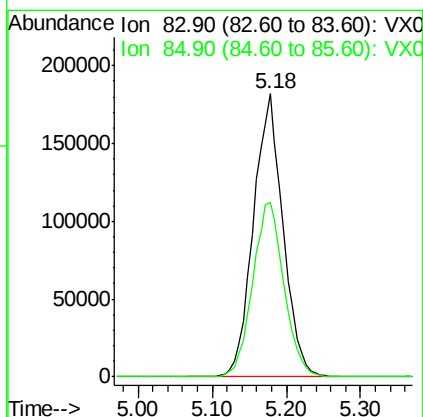
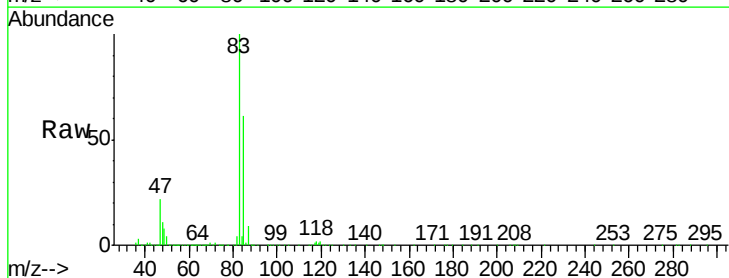
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

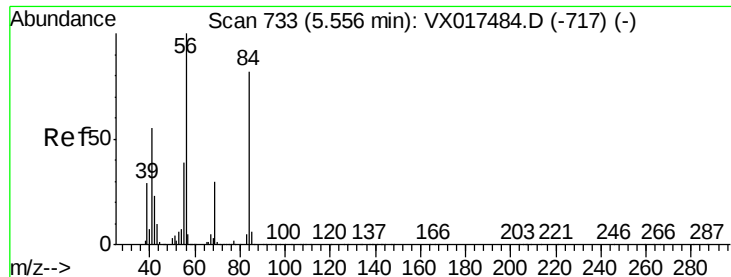
Tot Ion: 42 Resp: 586069
Ion Ratio Lower Upper
42 100
72 44.6 35.5 53.3
71 41.6 33.0 49.4



#30
Chloroform
Concen: 49.490 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion: 83 Resp: 505349
Ion Ratio Lower Upper
83 100
85 61.5 51.4 77.2





#31

Cyclohexane

Concen: 47.123 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

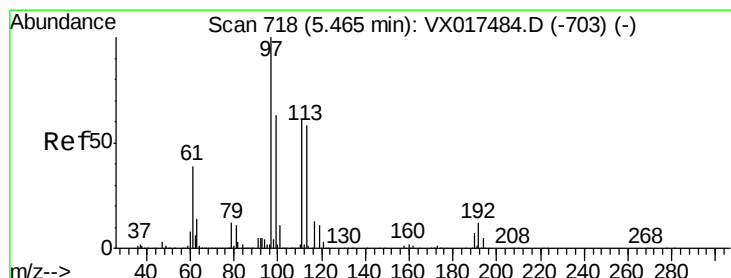
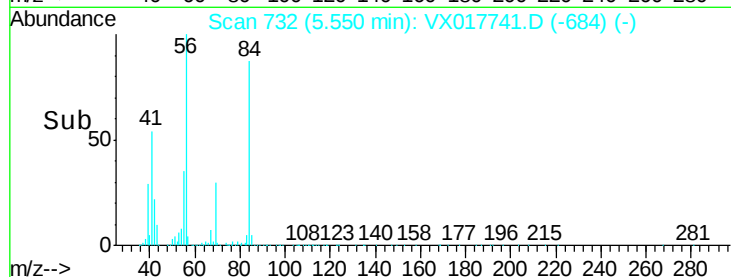
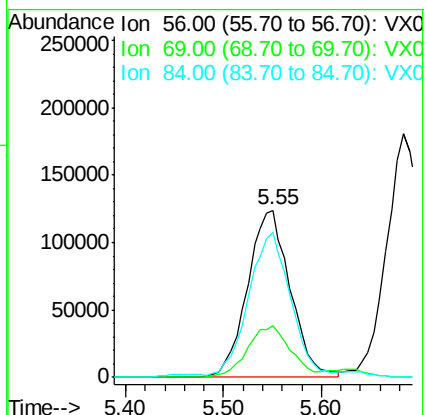
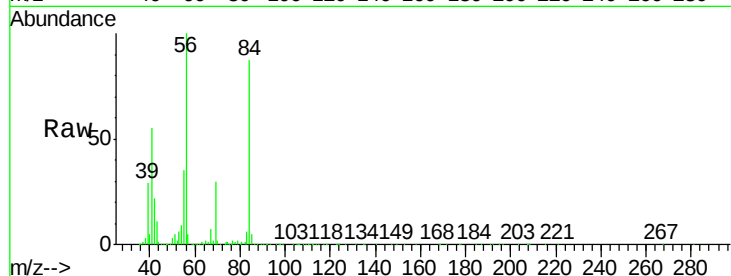
Tot Ion: 56 Resp: 375532

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 85.1 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 49.860 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

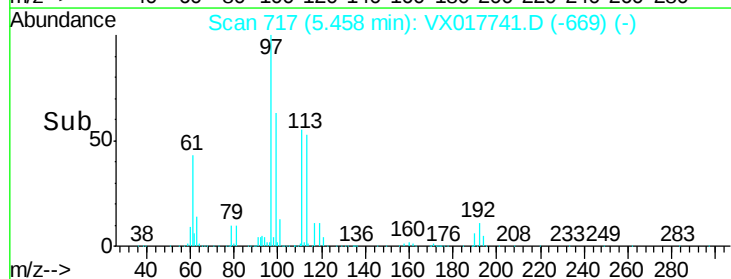
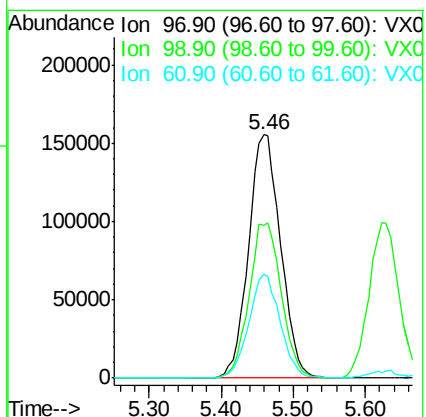
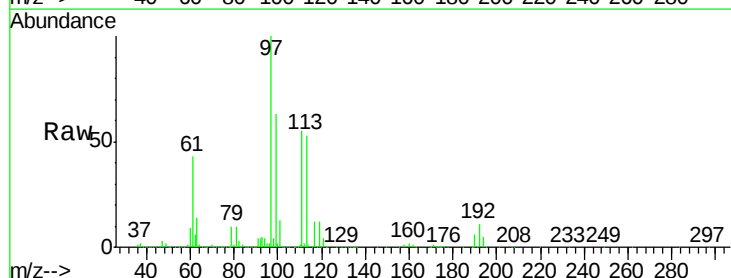
Tgt Ion: 97 Resp: 480093

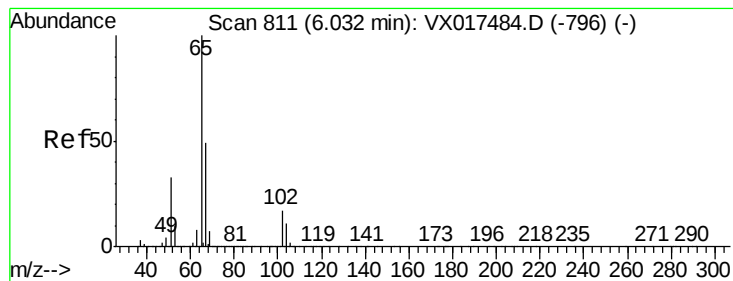
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 41.3 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 48.604 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

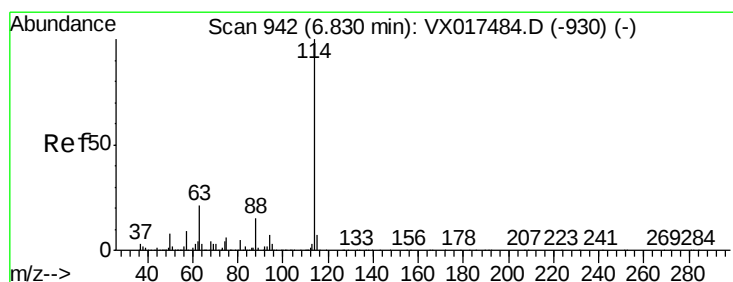
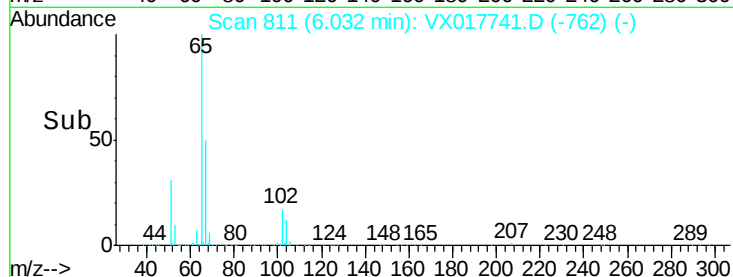
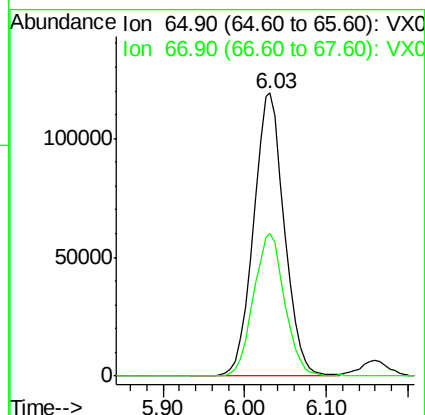
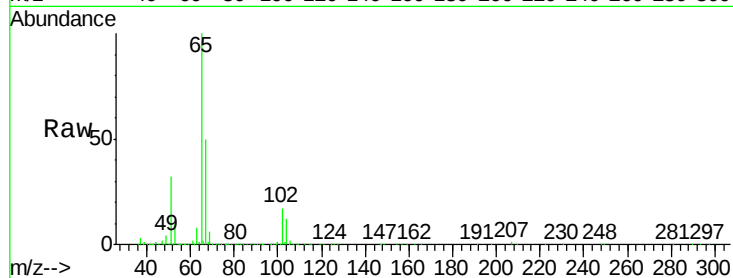
VSTDCCC050

Tot Ion: 65 Resp: 314079

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

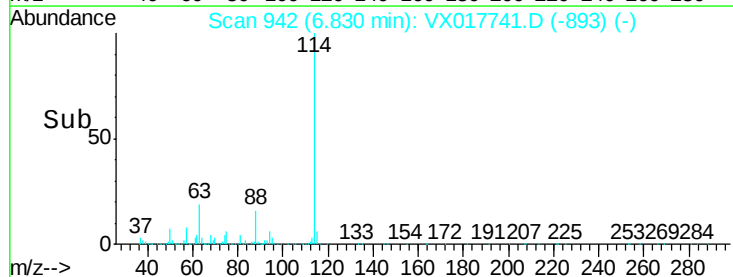
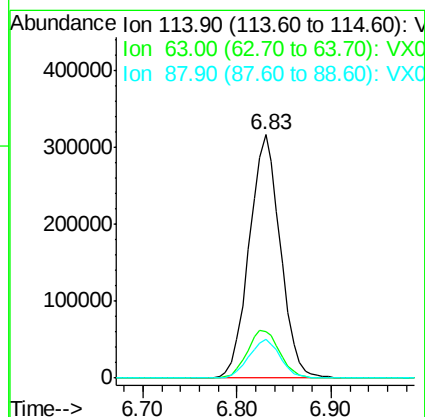
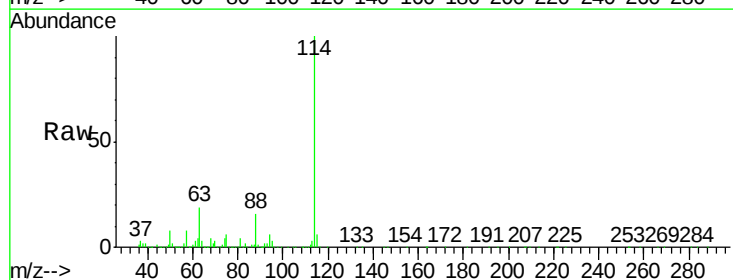
Tgt Ion: 114 Resp: 731892

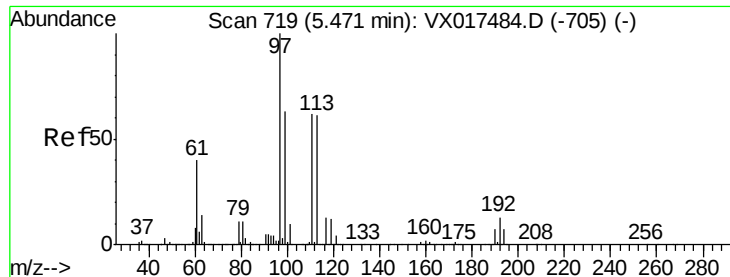
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.550 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

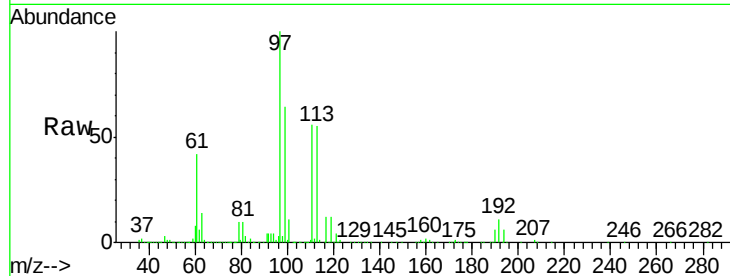
Tot Ion:113 Resp: 247440

Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

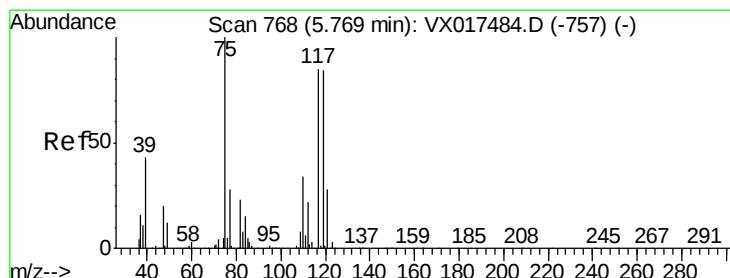
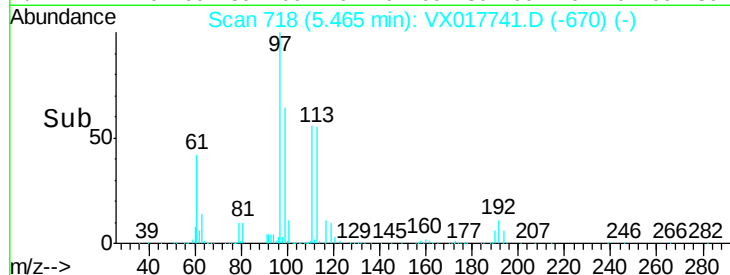
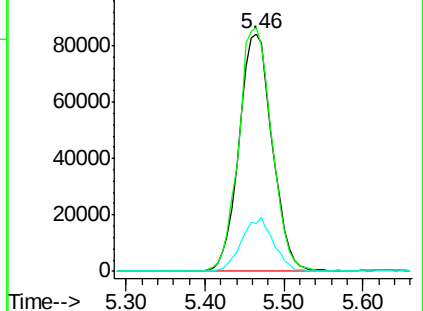
192 21.8 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.598 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

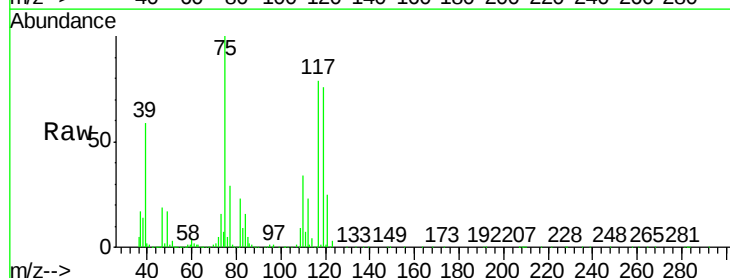
Tgt Ion: 75 Resp: 355168

Ion Ratio Lower Upper

75 100

110 35.8 18.1 54.3

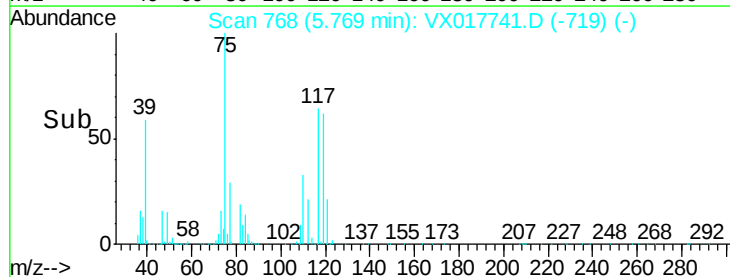
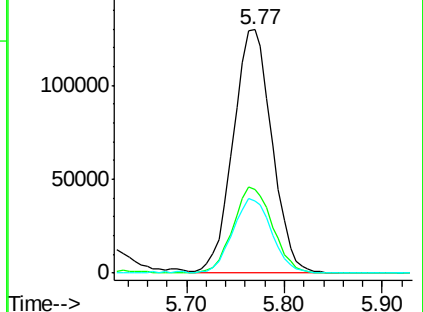
77 30.6 24.6 37.0

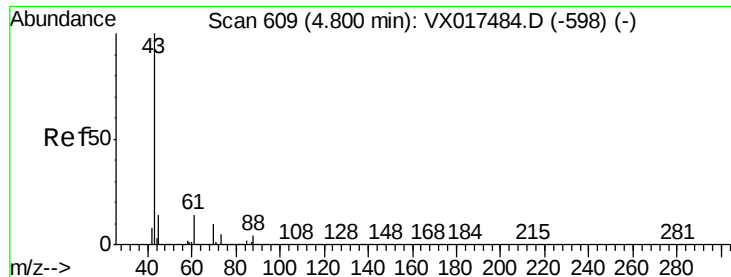


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

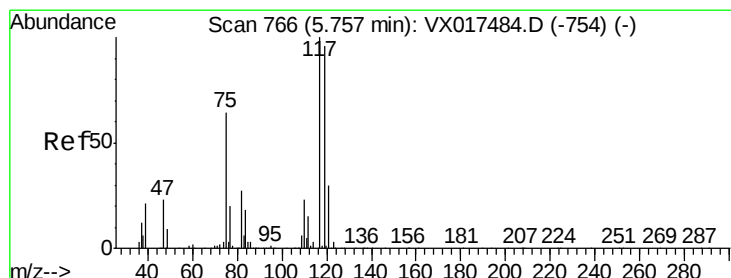
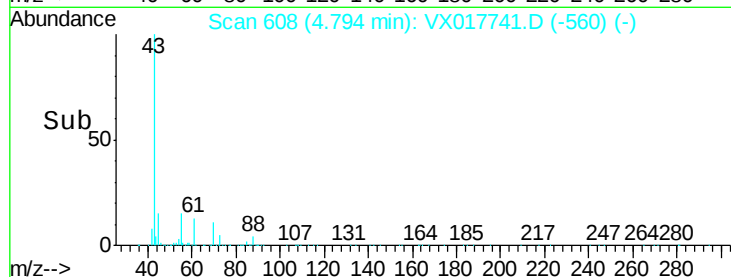
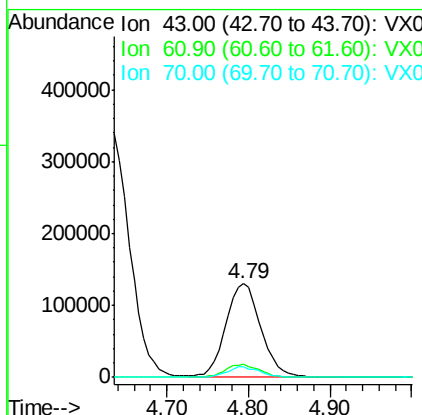
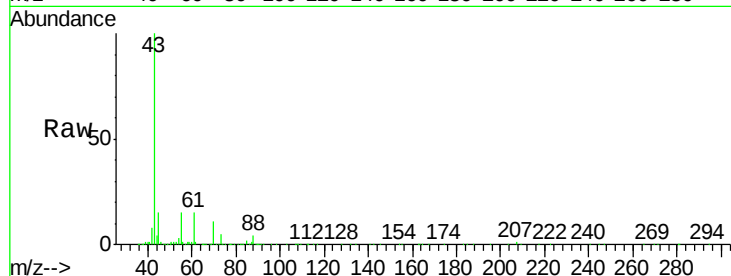




#37
Ethyl Acetate
Concen: 50.128 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

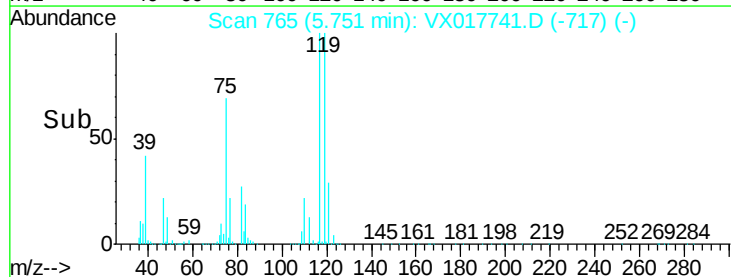
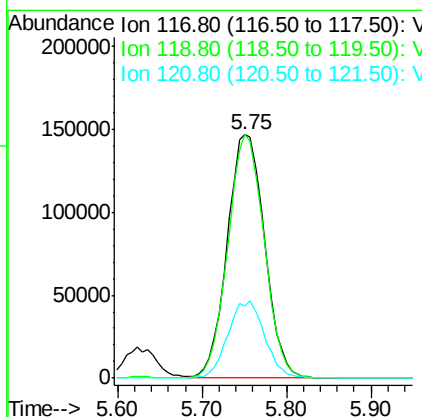
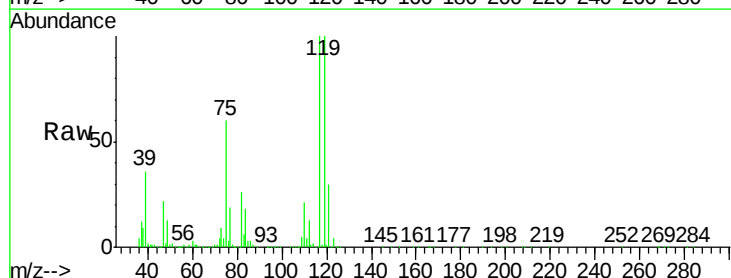
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

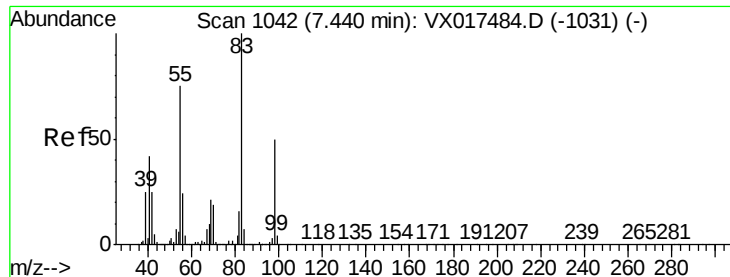
Tot Ion:	43	Resp:	385007
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.7	8.5	12.7



#38
Carbon Tetrachloride
Concen: 51.784 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion:	117	Resp:	441419
Ion	Ratio	Lower	Upper
117	100		
119	99.9	75.4	113.0
121	29.7	24.3	36.5

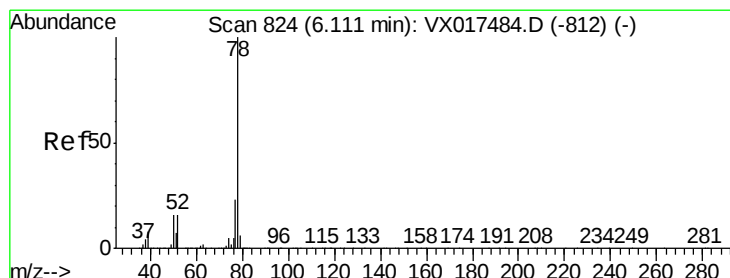
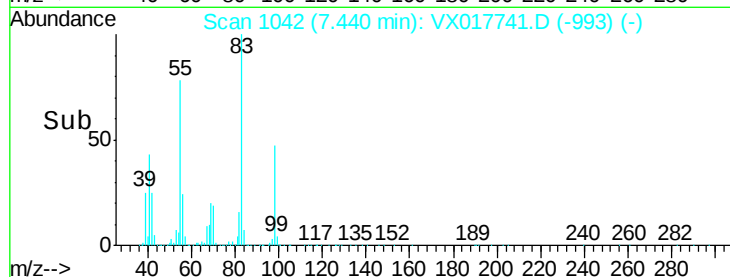
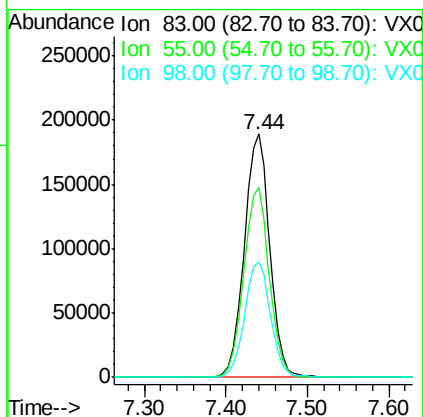
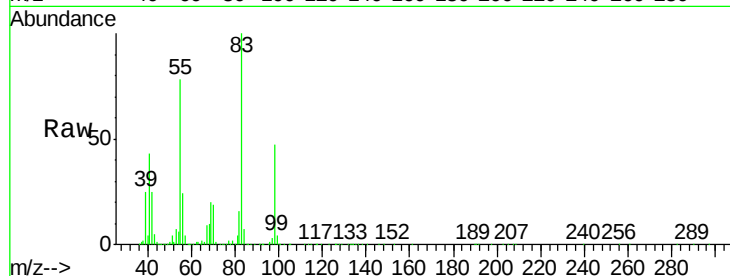




#39
Methvlcvclohexane
Concen: 50.120 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

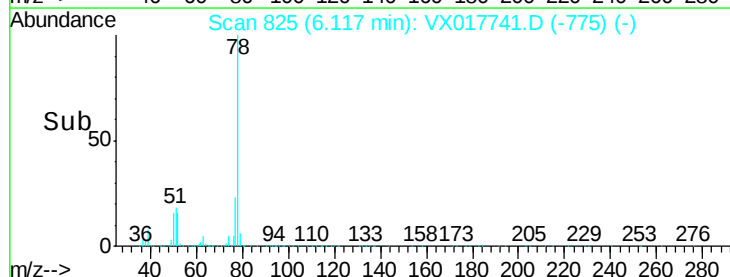
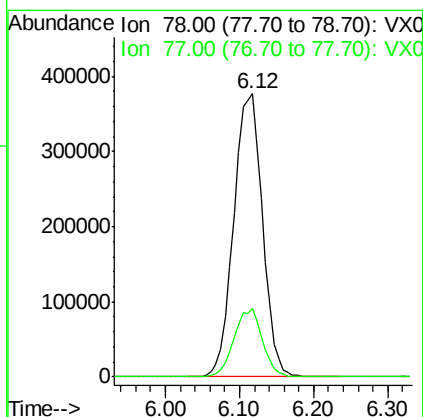
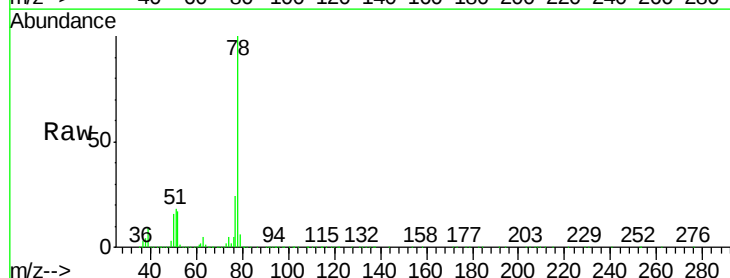
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

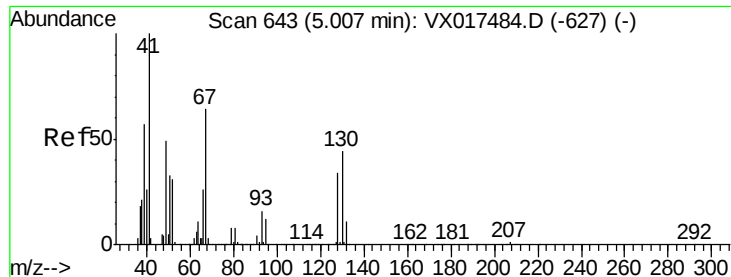
Tot Ion: 83 Resp: 410706
Ion Ratio Lower Upper
83 100
55 77.9 61.8 92.8
98 47.4 36.9 55.3



#40
Benzene
Concen: 50.871 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion: 78 Resp: 1023752
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.2





#41

Methacrylonitrile

Concen: 47.485 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 209043

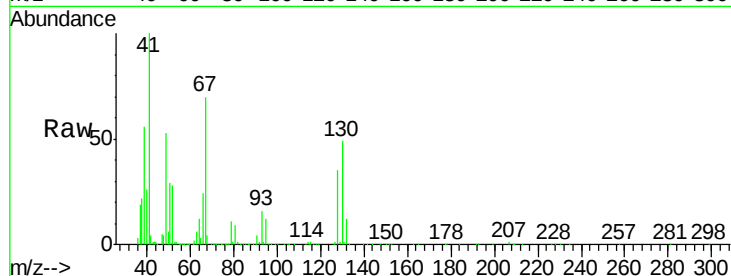
Ion Ratio Lower Upper

41 100

39 56.3 43.9 65.9

67 70.5 54.0 81.0

52 29.2 23.0 34.6

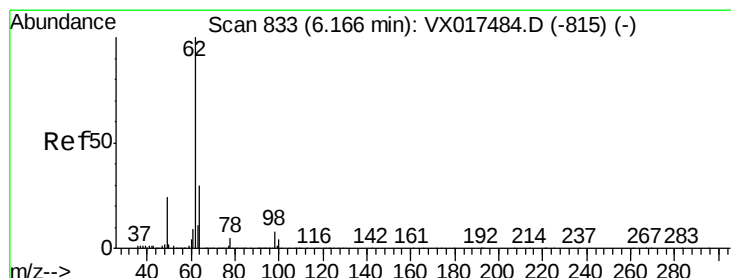
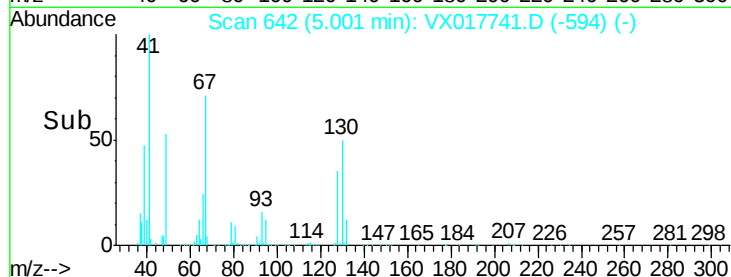
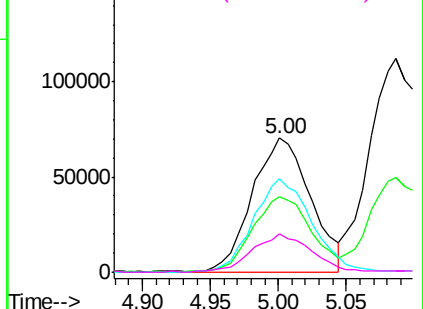


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.474 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017741.D

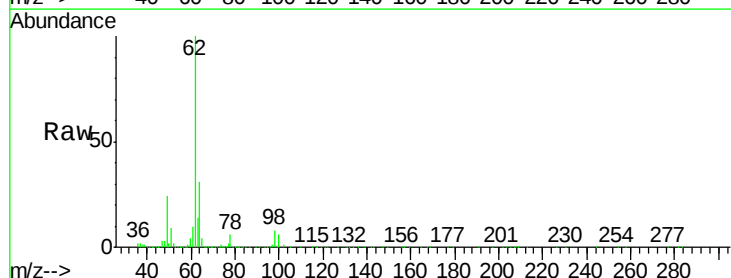
Acq: 03 Aug 2020 12:54

Tgt Ion: 62 Resp: 423793

Ion Ratio Lower Upper

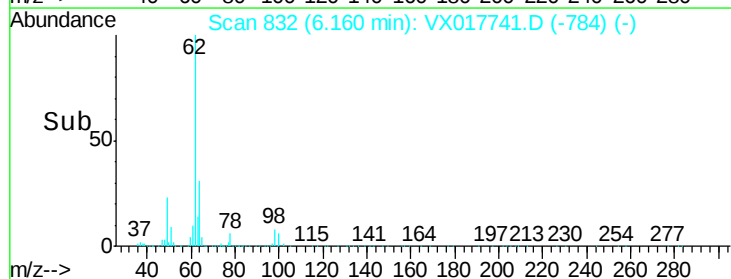
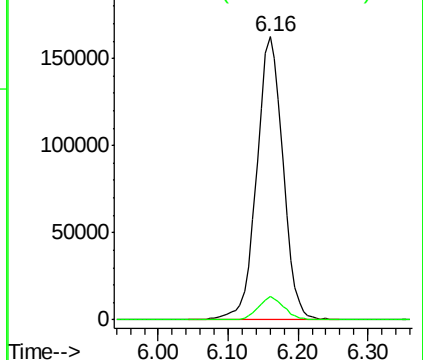
62 100

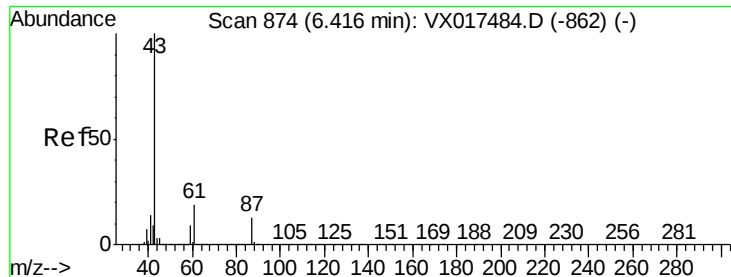
98 8.1 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



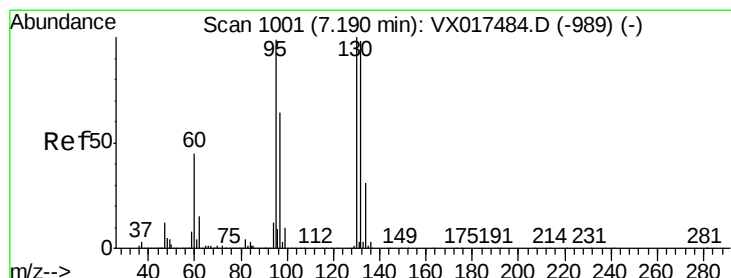
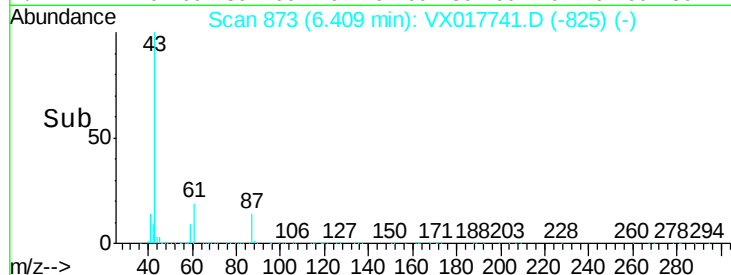
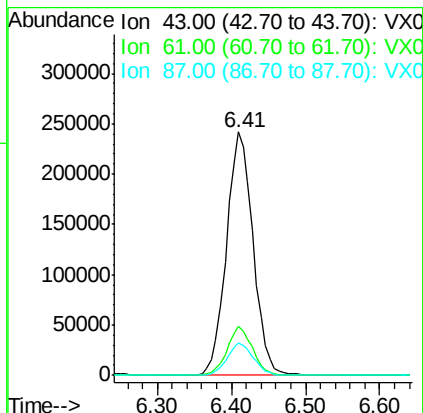
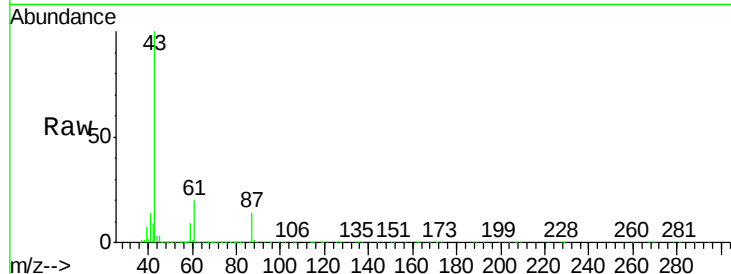


#43

Isopropyl Acetate
 Concen: 47.321 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

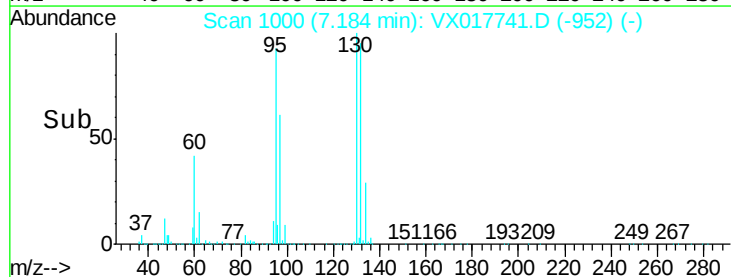
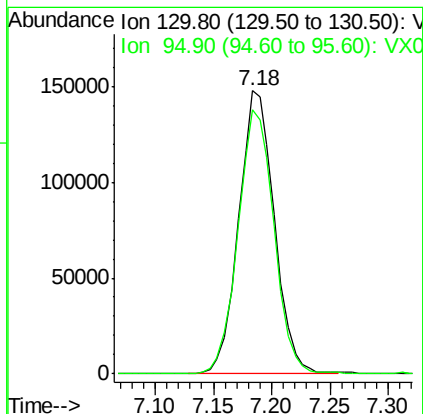
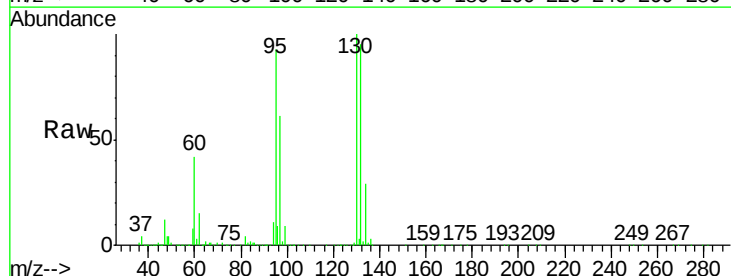
Tot Ion	43	Resp	599666
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.5	23.3
87	13.2	10.5	15.7

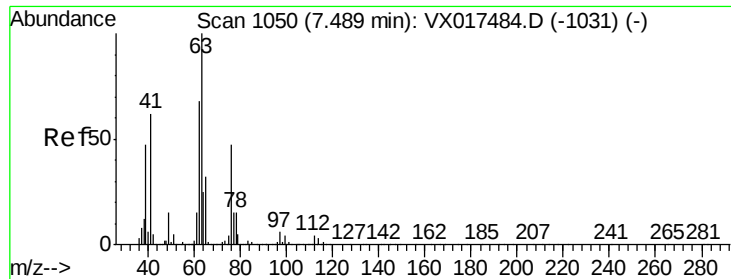


#44

Trichloroethene
 Concen: 53.407 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion	130	Resp	314102
Ion Ratio	Lower	Upper	
130	100		
95	93.1	0.0	189.0





#45

1,2-Dichloropropane

Concen: 50.049 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

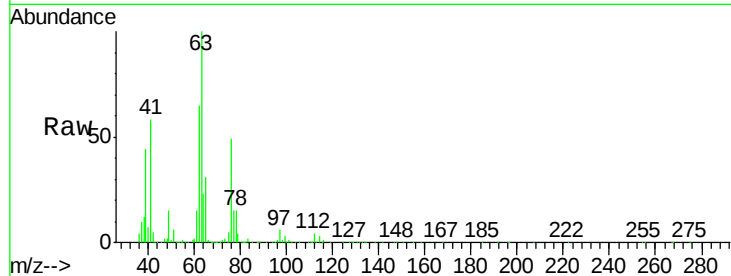
VSTDCCC050

Tot Ion: 63 Resp: 279217

Ion Ratio Lower Upper

63 100

65 30.5 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

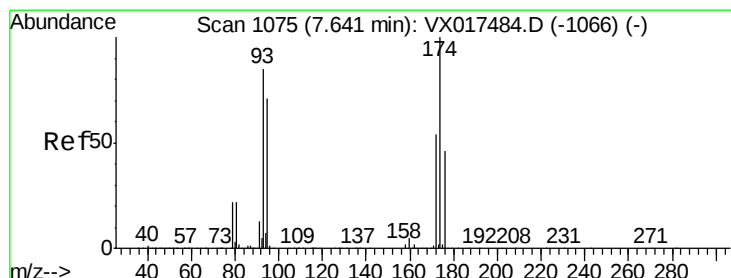
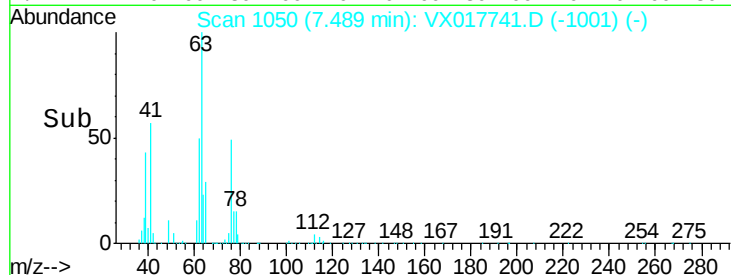
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.279 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

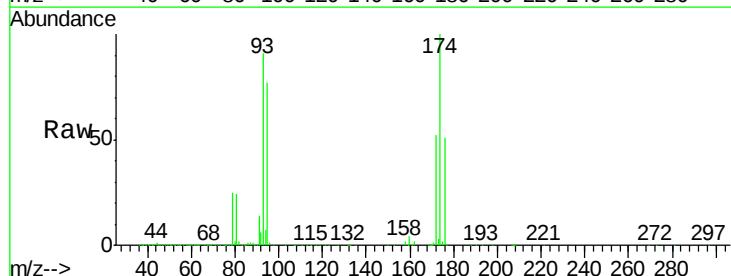
Tgt Ion: 93 Resp: 194288

Ion Ratio Lower Upper

93 100

95 84.5 66.6 99.8

174 112.3 87.0 130.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

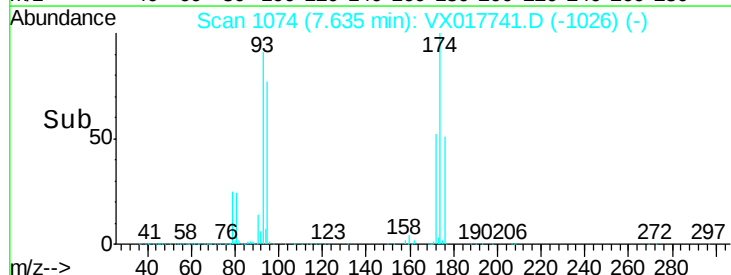
150000

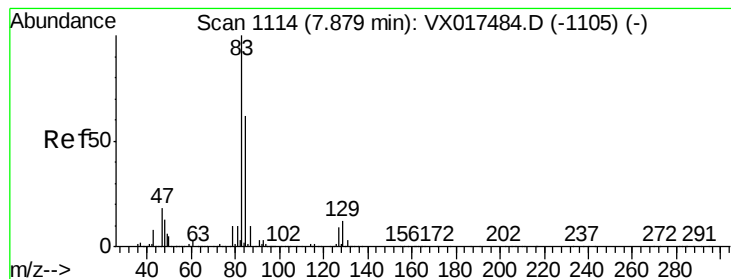
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 51.893 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

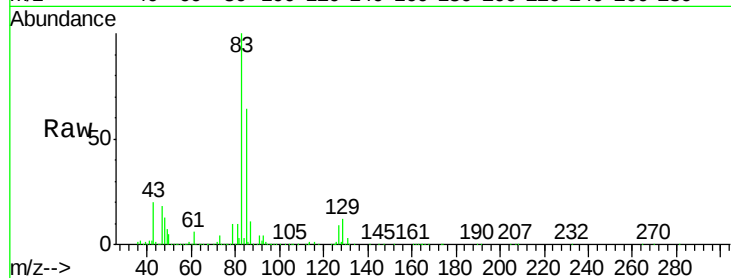
Tot Ion: 83 Resp: 411670

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.8

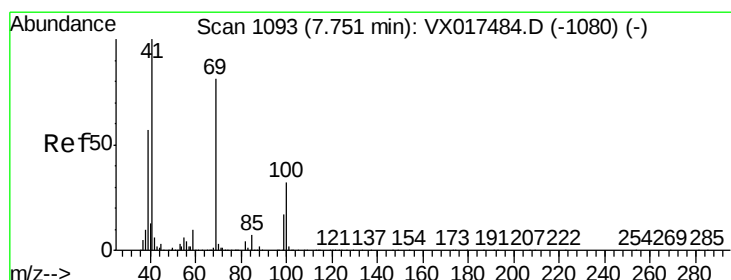
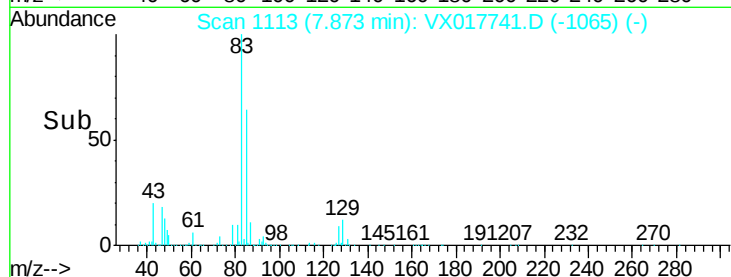
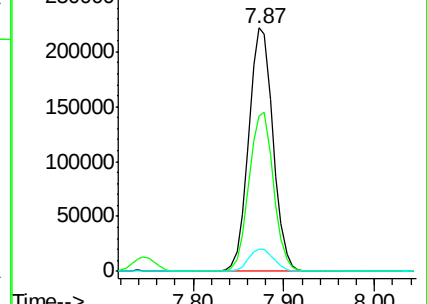
127 9.0 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.807 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

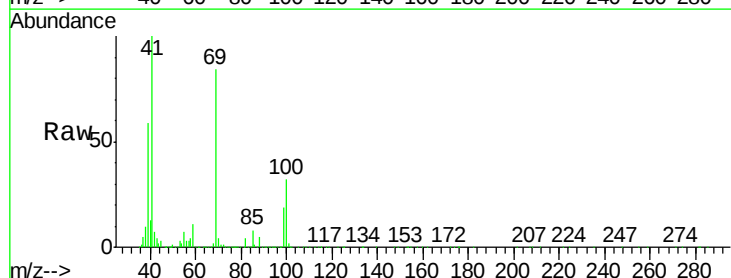
Tgt Ion: 41 Resp: 306582

Ion Ratio Lower Upper

41 100

69 81.7 63.1 94.7

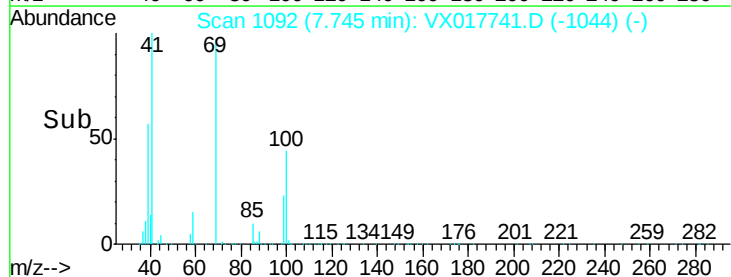
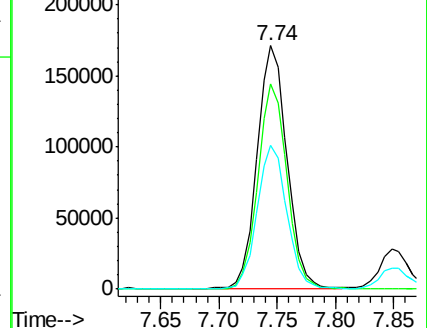
39 58.3 45.1 67.7

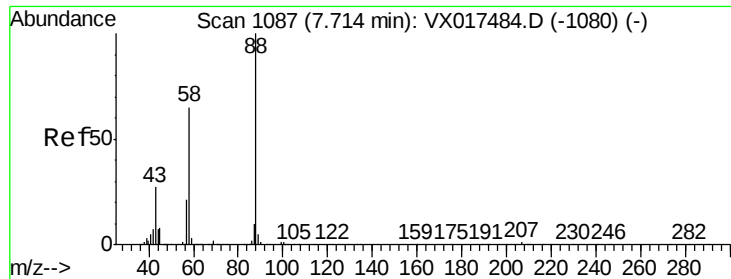


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

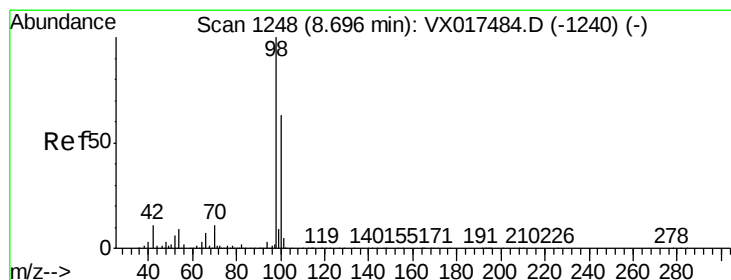
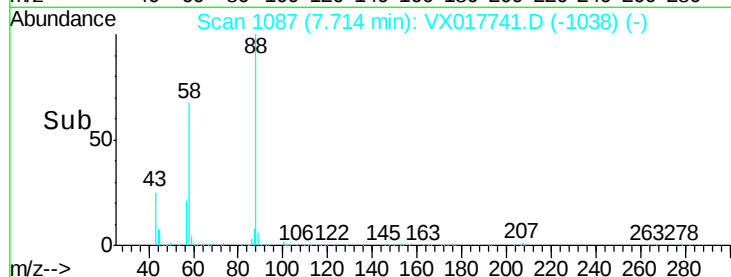
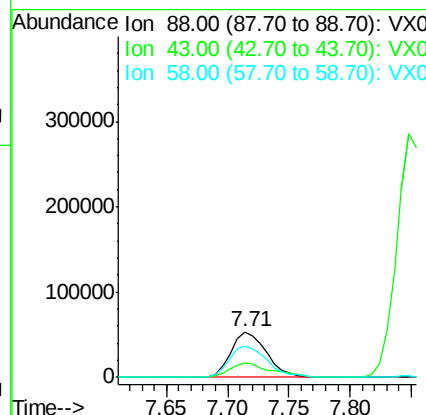
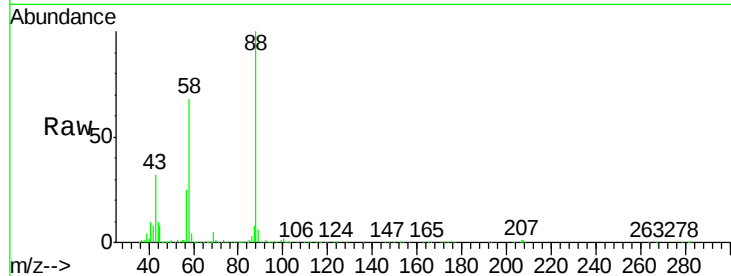




#49
1,4-Dioxane
Concen: 897.605 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

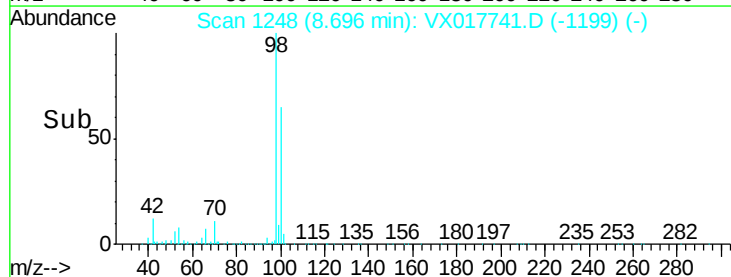
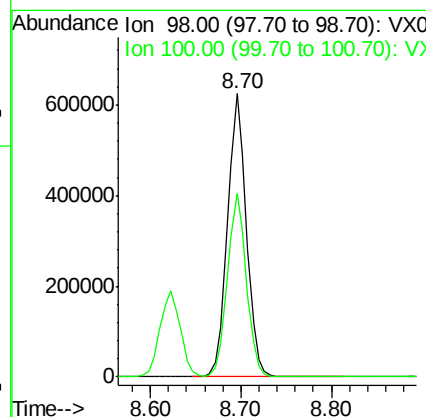
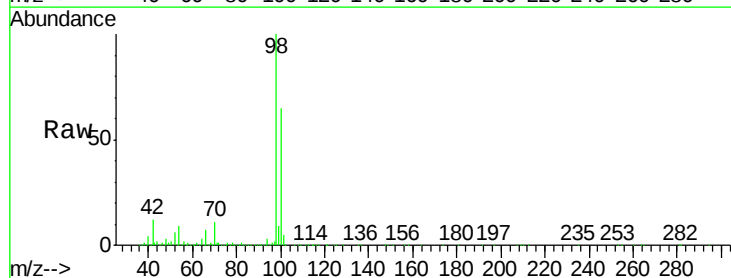
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	108100
Ion	Ratio	Lower	Upper
88	100		
43	36.0	27.8	41.6
58	72.1	58.3	87.5



#50
Toluene-d8
Concen: 51.091 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	98	Resp	902185
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 249.618 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

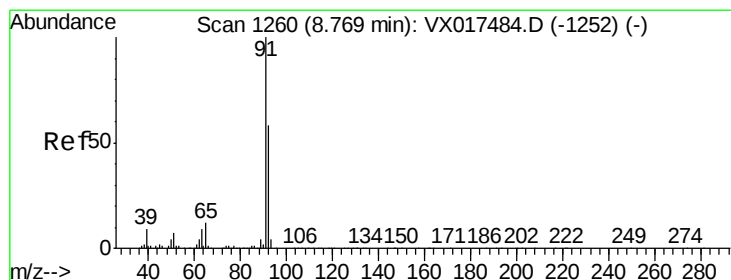
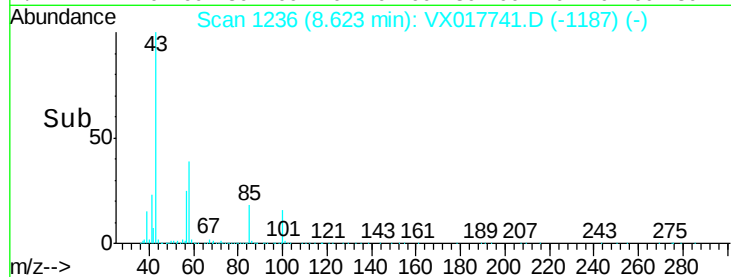
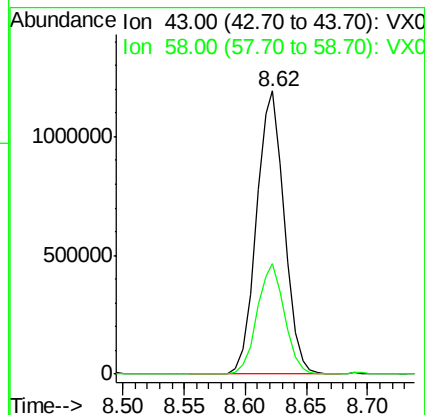
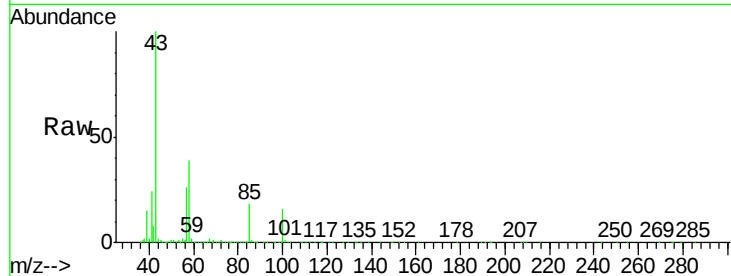
VSTDCCC050

Tot Ion: 43 Resp: 1887375

Ion Ratio Lower Upper

43 100

58 38.4 31.0 46.4



#52

Toluene

Concen: 52.018 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017741.D

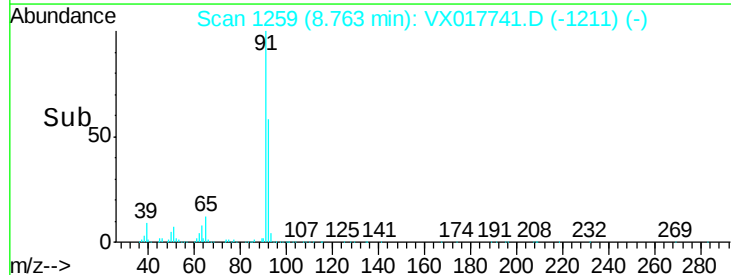
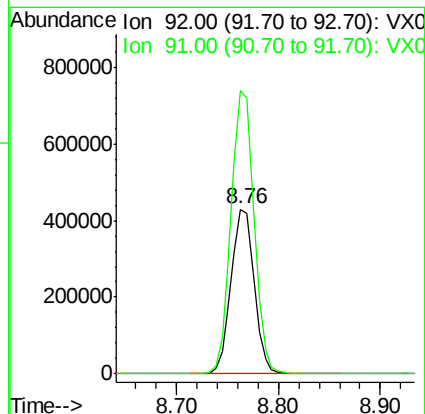
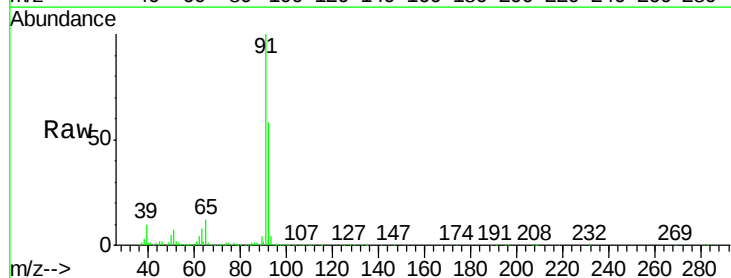
Acq: 03 Aug 2020 12:54

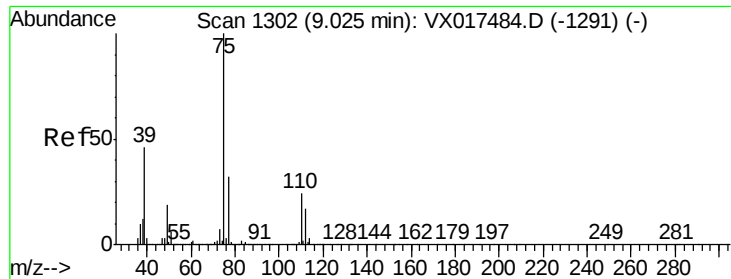
Tgt Ion: 92 Resp: 671353

Ion Ratio Lower Upper

92 100

91 171.0 137.6 206.4

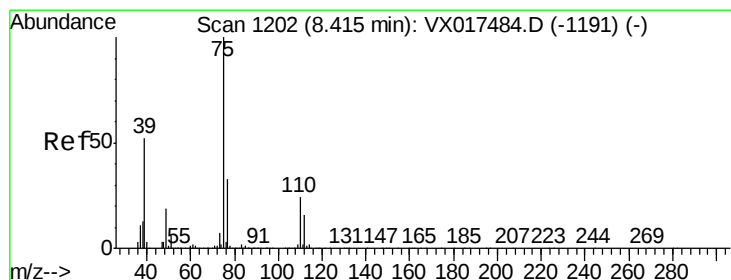
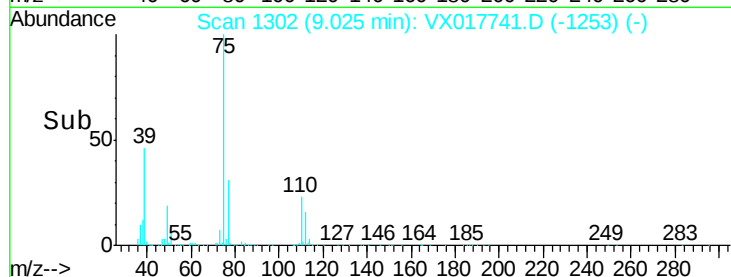
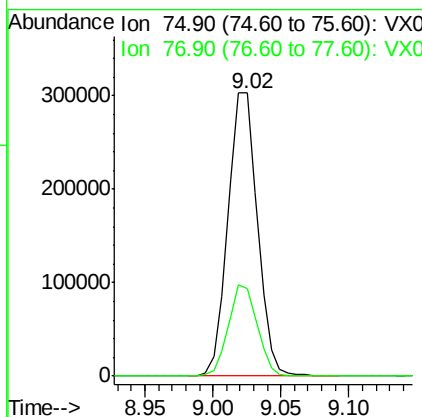
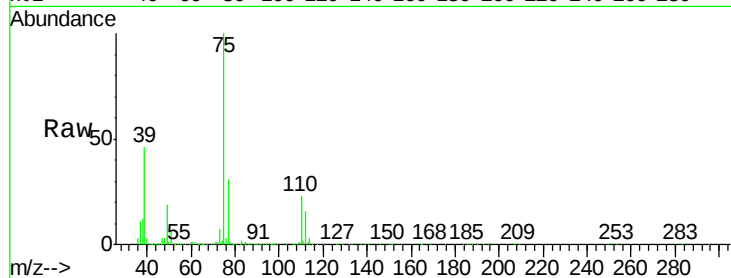




#53
 t-1,3-Dichloropropene
 Concen: 51.566 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

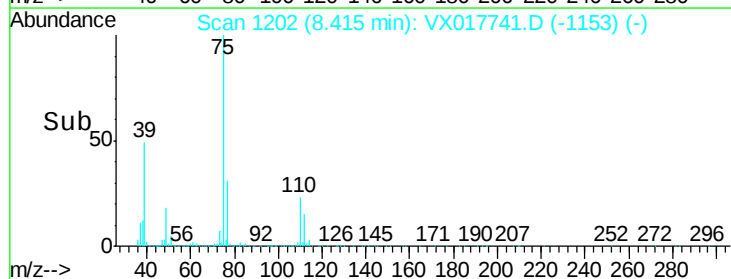
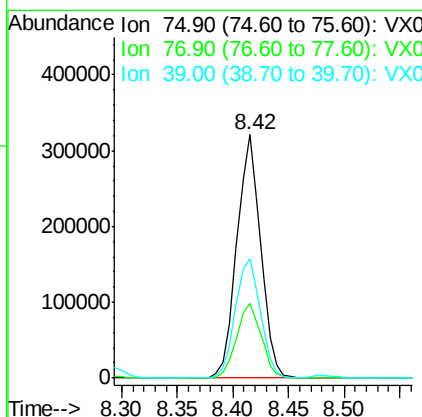
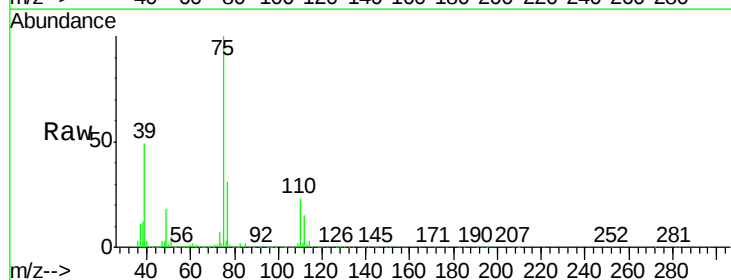
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 457930
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.722 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion: 75 Resp: 477557
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.5 38.3
 39 49.0 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 51.368 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 276176

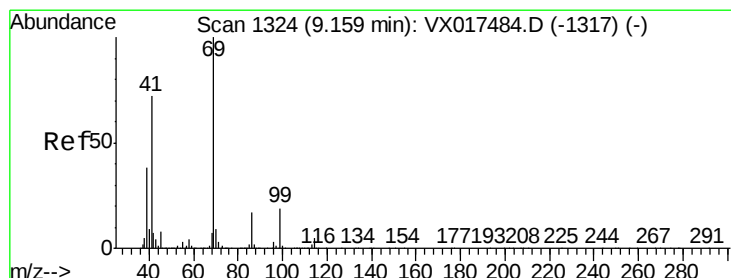
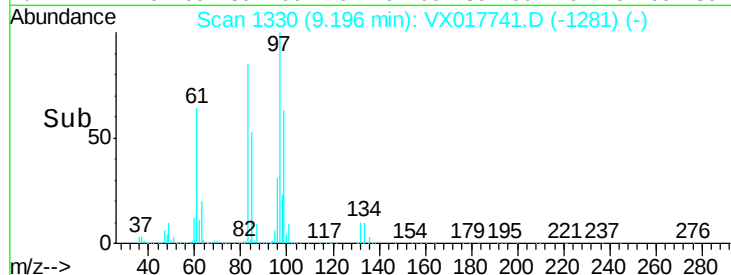
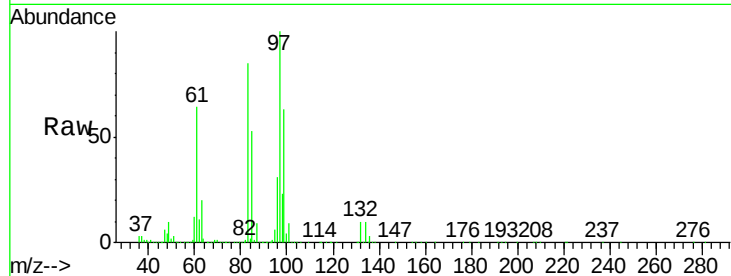
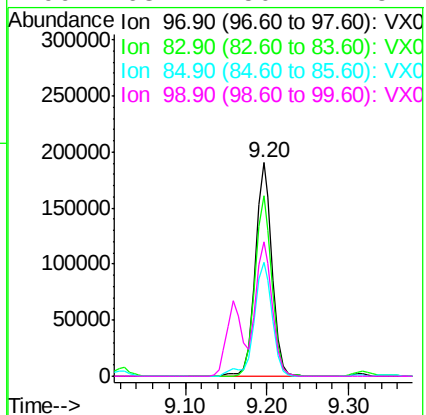
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.6	101.4
85	53.0	44.6	67.0
99	63.1	50.2	75.4

97 100

83 84.5 67.6 101.4

85 53.0 44.6 67.0

99 63.1 50.2 75.4



#56

Ethyl methacrylate

Concen: 53.560 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

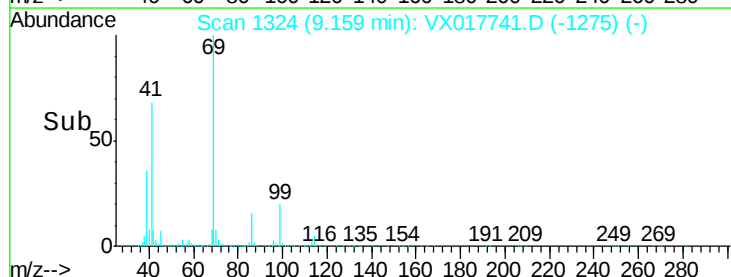
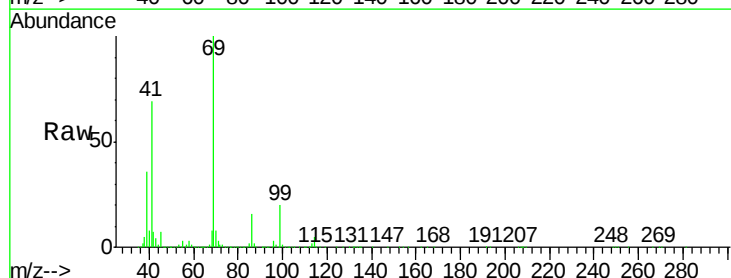
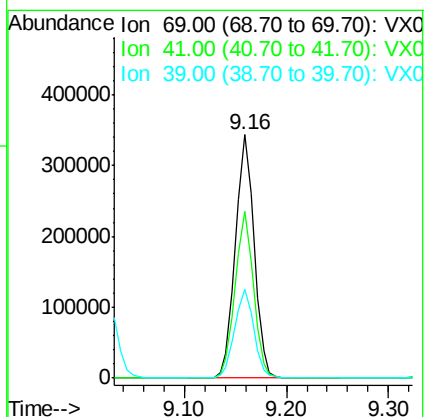
Tgt Ion: 69 Resp: 433836

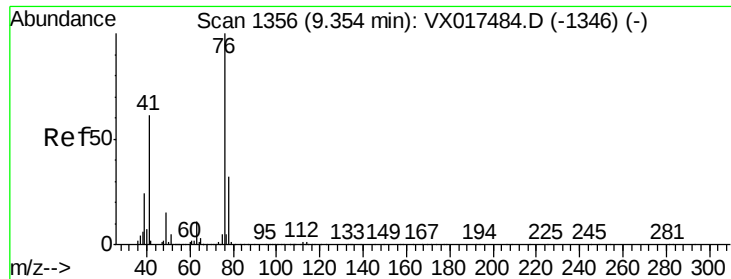
Ion	Ratio	Lower	Upper
69	100		
41	67.1	55.0	82.6
39	37.1	30.0	45.0

69 100

41 67.1 55.0 82.6

39 37.1 30.0 45.0





#57

1,3-Dichloropropane

Concen: 51.181 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

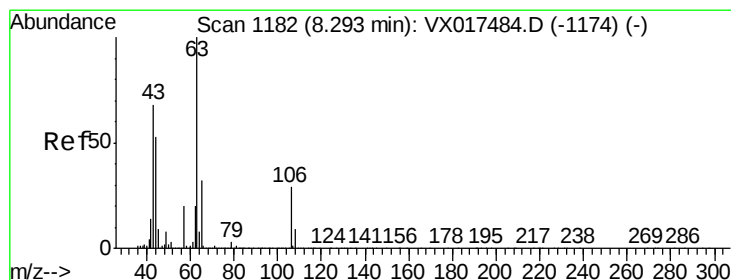
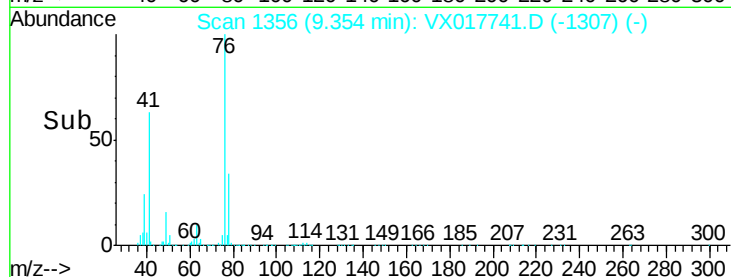
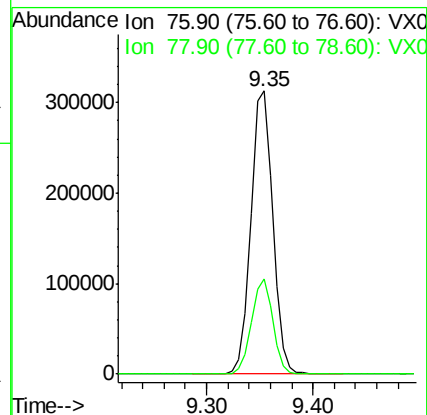
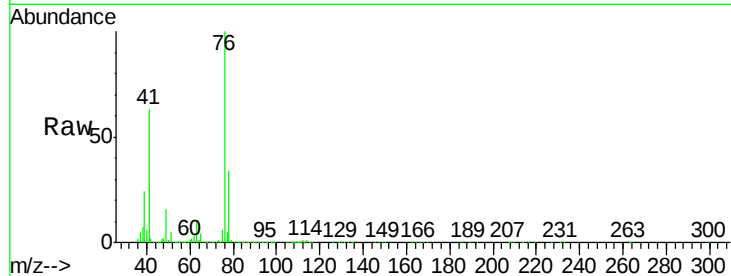
VSTDCCC050

Tot Ion: 76 Resp: 453100

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 235.339 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017741.D

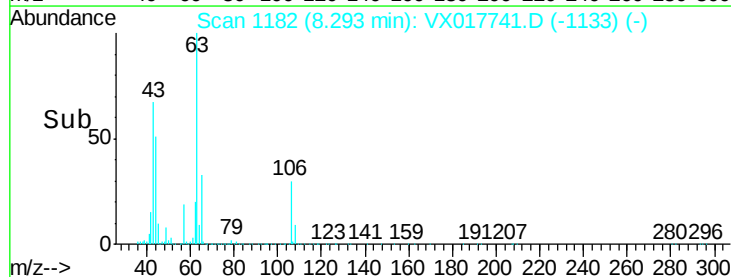
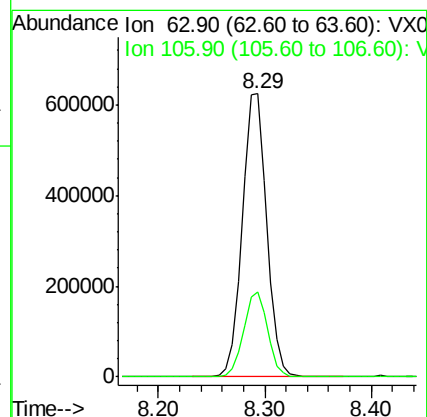
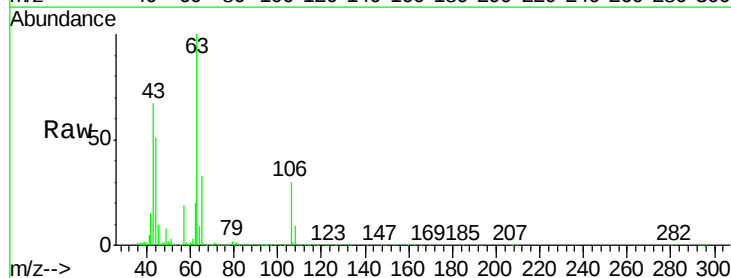
Acq: 03 Aug 2020 12:54

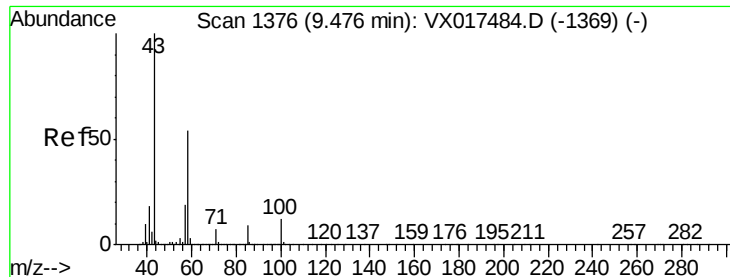
Tgt Ion: 63 Resp: 1004302

Ion Ratio Lower Upper

63 100

106 29.5 22.6 34.0

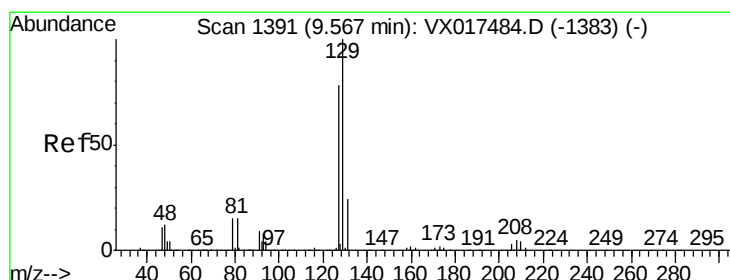
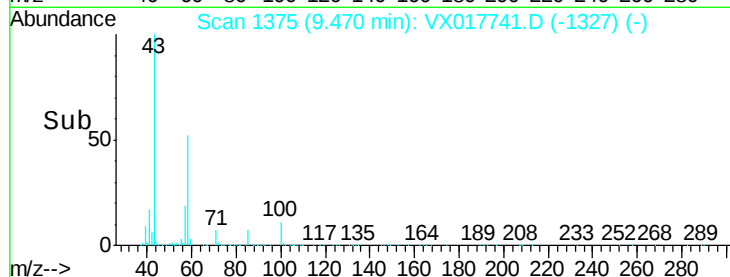
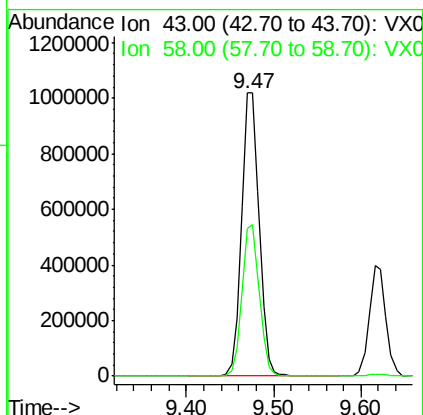
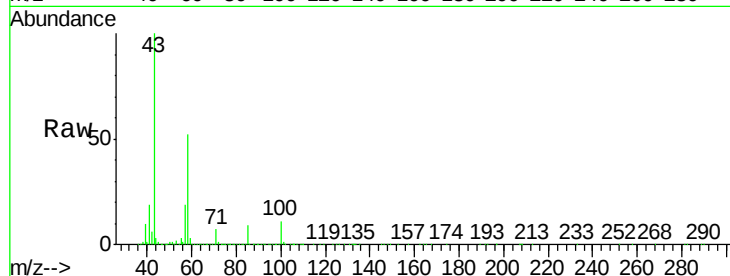




#59
2-Hexanone
Concen: 252.206 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

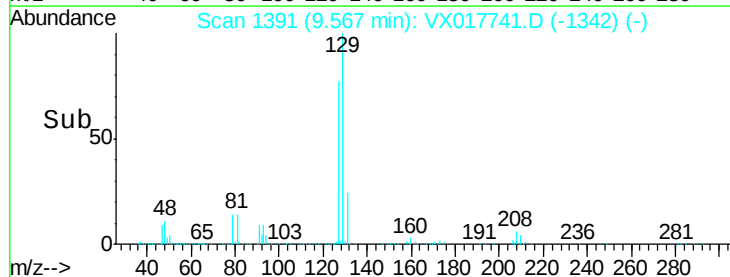
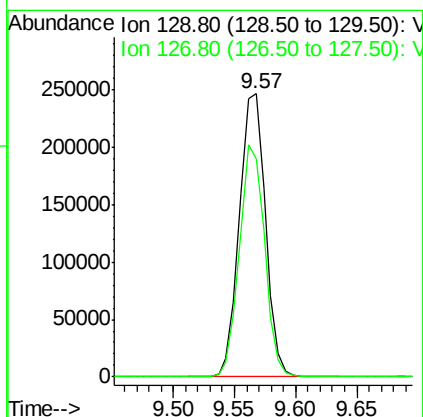
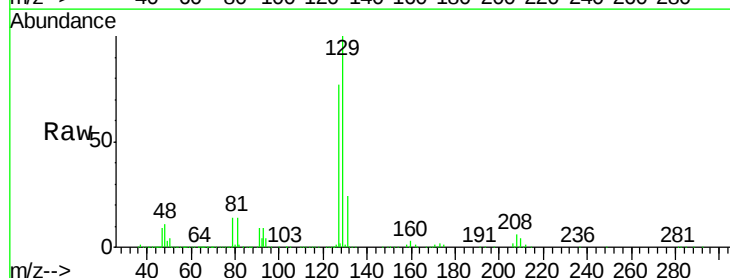
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

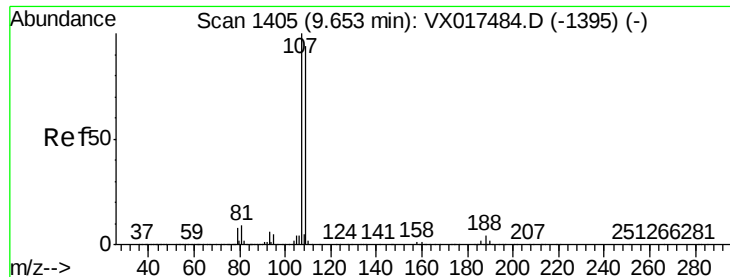
Tot Ion: 43 Resp: 1435709
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.8



#60
Dibromochloromethane
Concen: 53.386 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion: 129 Resp: 364812
Ion Ratio Lower Upper
129 100
127 79.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.069 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

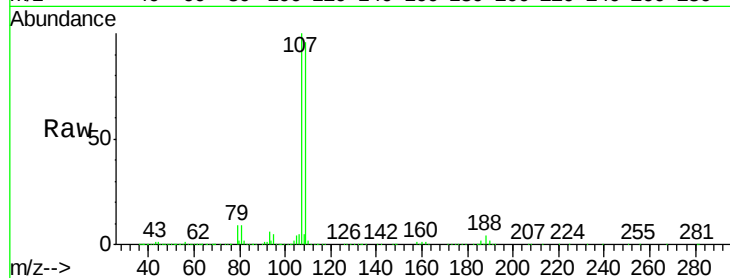
VSTDCCC050

Tot Ion:107 Resp: 303766

Ion Ratio Lower Upper

107 100

109 94.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

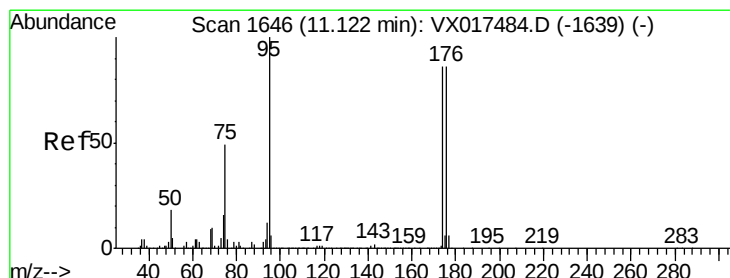
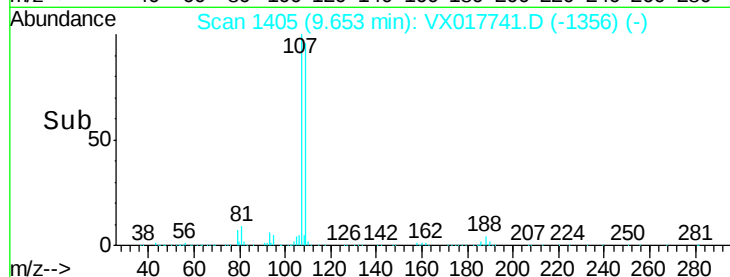
100000

50000

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 49.135 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

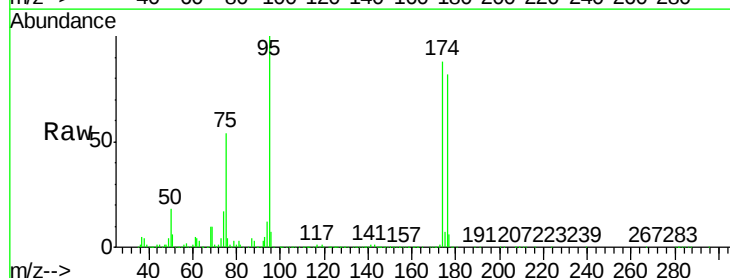
Tgt Ion: 95 Resp: 347235

Ion Ratio Lower Upper

95 100

174 87.1 0.0 169.0

176 80.8 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

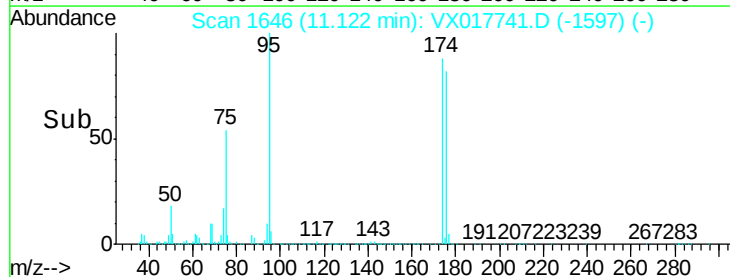
200000

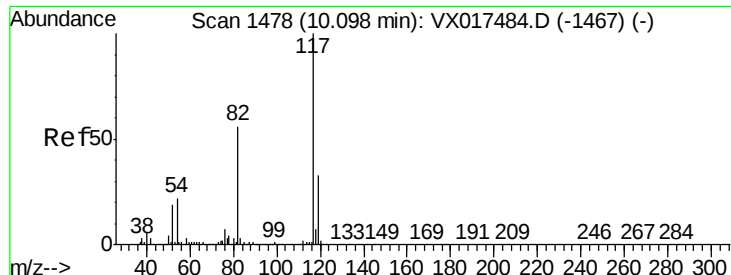
100000

0

11.05 11.10 11.15 11.20

Time-->

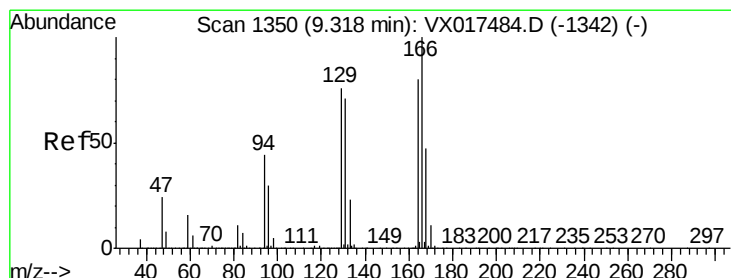
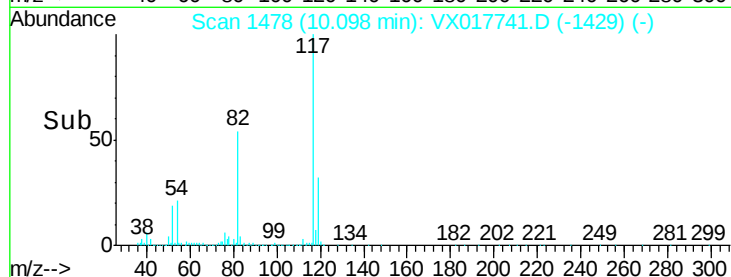
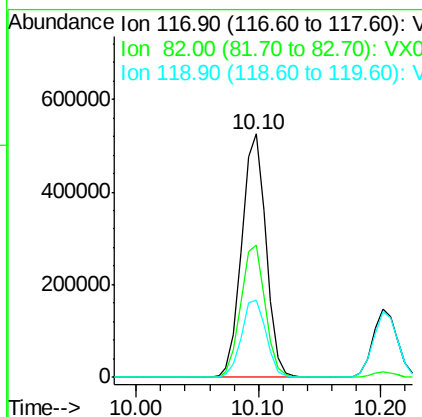
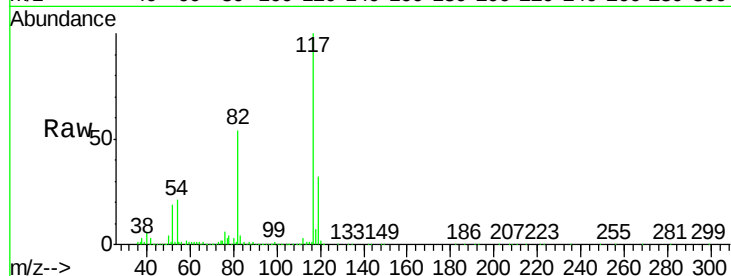




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

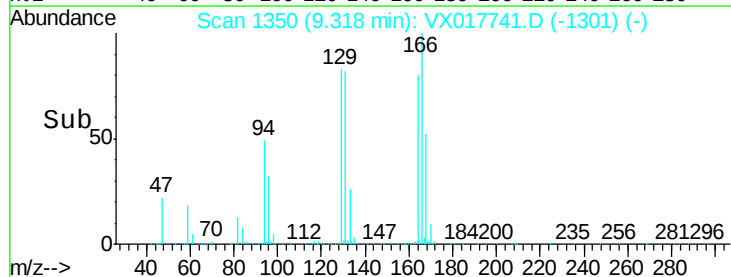
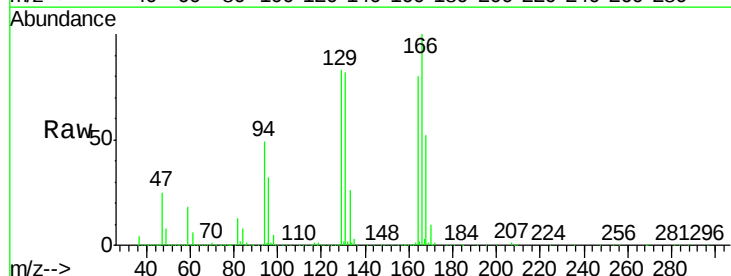
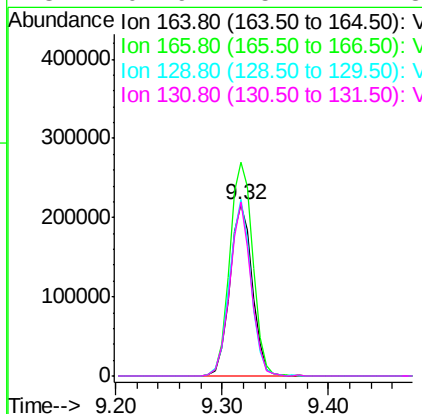
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.0	66.0
119	31.7	25.4	38.0



#64
Tetrachloroethene
Concen: 49.489 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	100.6	150.8
129	102.8	75.0	112.6
131	101.9	75.2	112.8

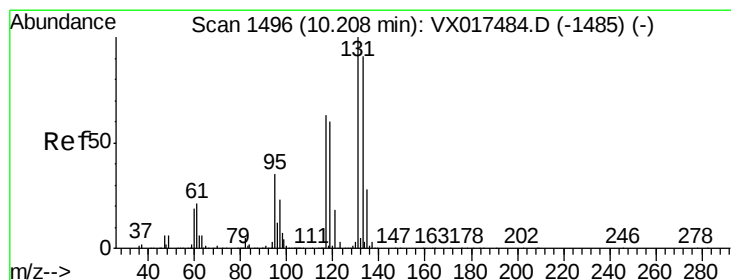
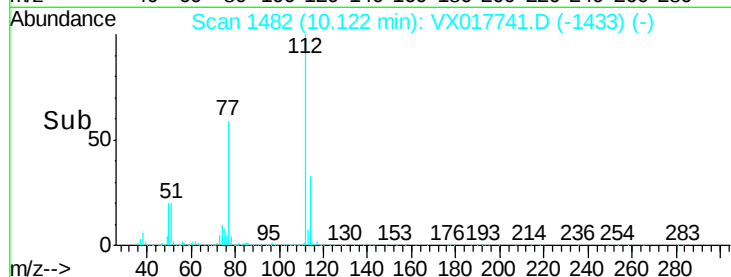
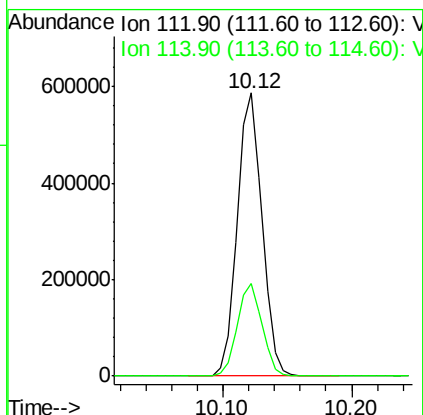
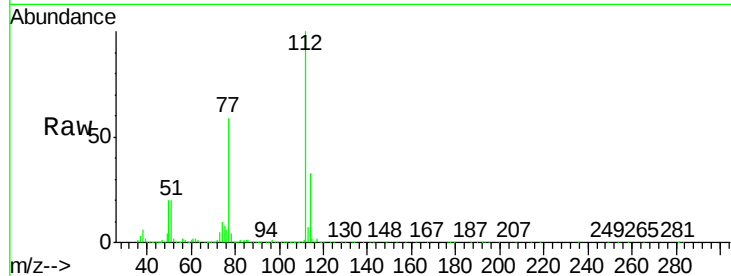




#65
Chlorobenzene
Concen: 50.353 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

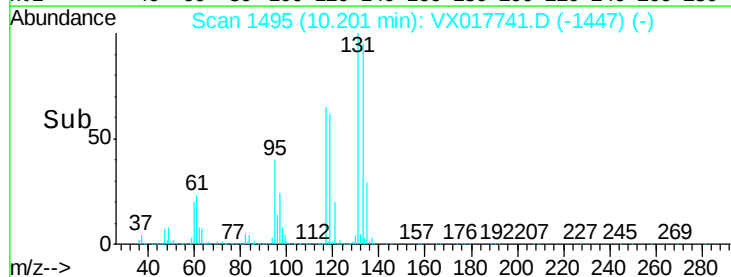
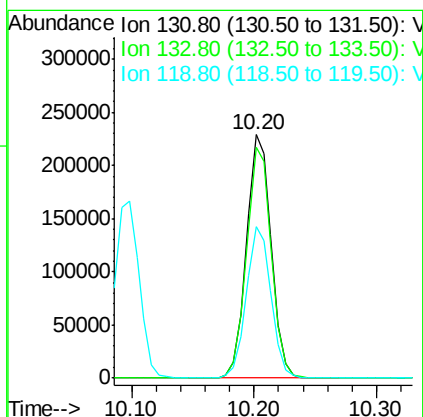
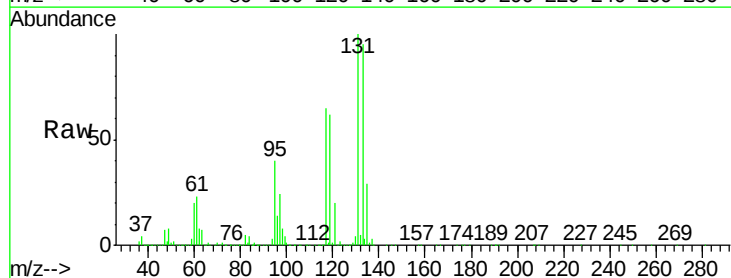
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

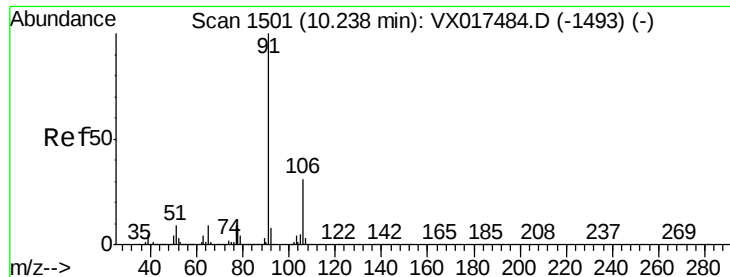
Tot Ion:112 Resp: 784752
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.865 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion:131 Resp: 319936
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 62.4 31.1 93.3





#67

Ethyl Benzene

Concen: 50.002 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

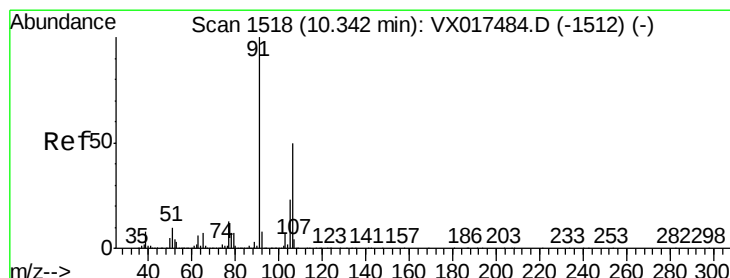
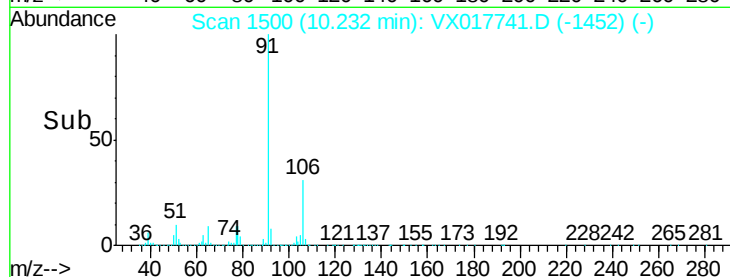
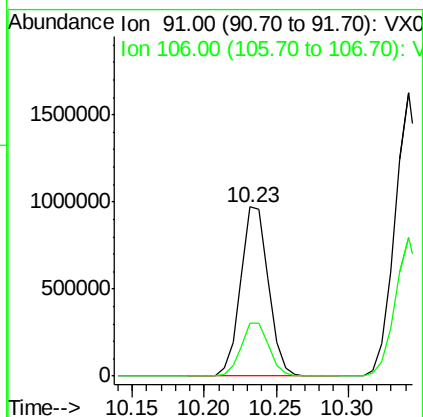
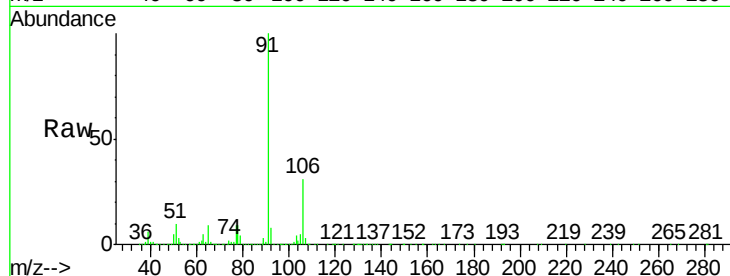
VSTDCCC050

Tot Ion: 91 Resp: 1300814

Ion Ratio Lower Upper

91 100

106 31.3 25.8 38.6



#68

m/p-Xylenes

Concen: 102.605 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017741.D

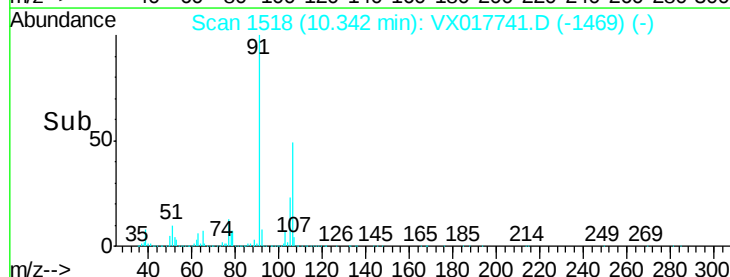
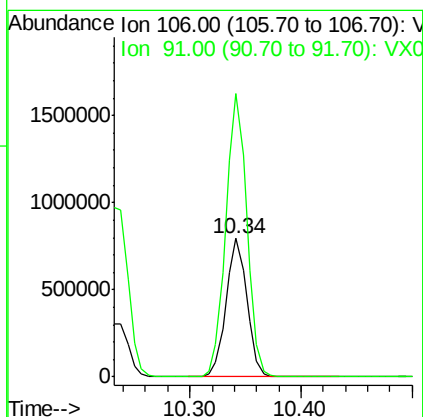
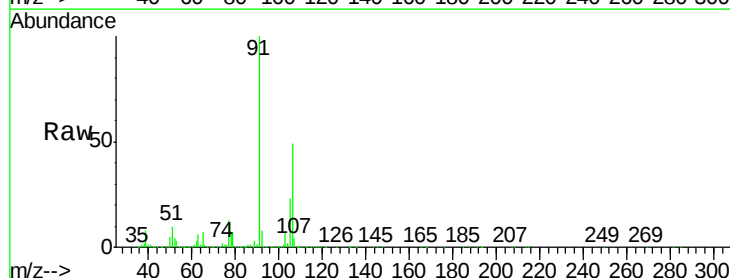
Acq: 03 Aug 2020 12:54

Tgt Ion: 106 Resp: 1034091

Ion Ratio Lower Upper

106 100

91 205.6 160.9 241.3

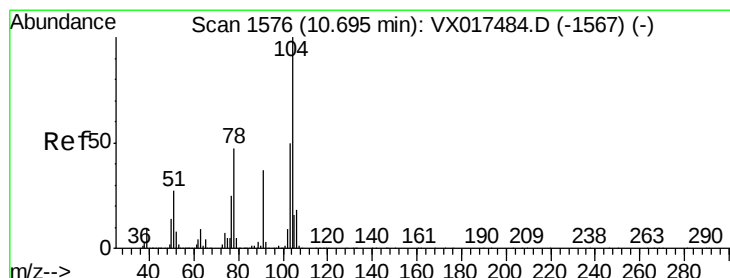
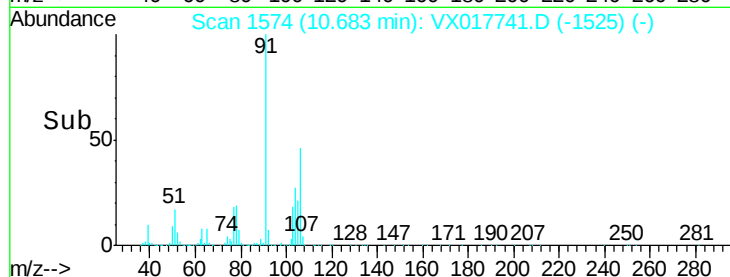
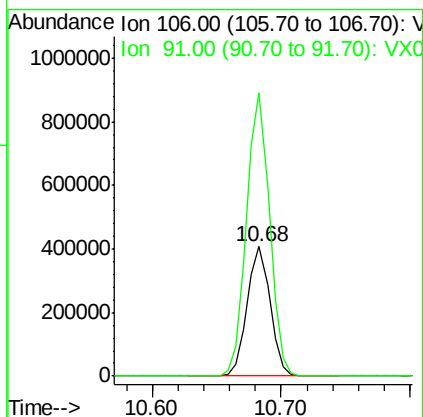
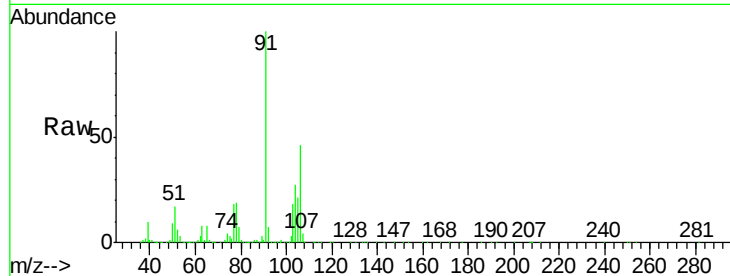




#69
o-Xylene
Concen: 51.402 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

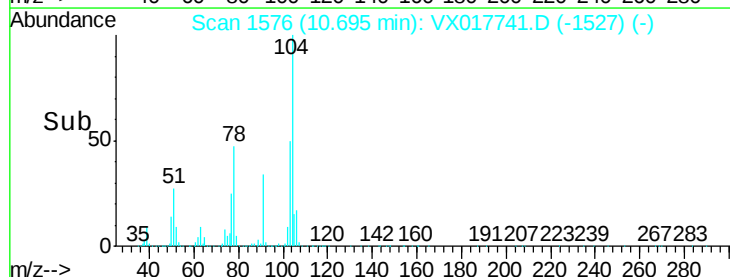
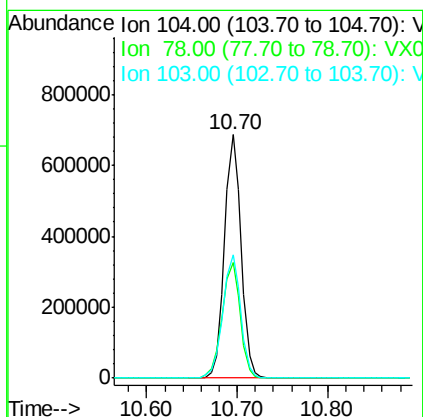
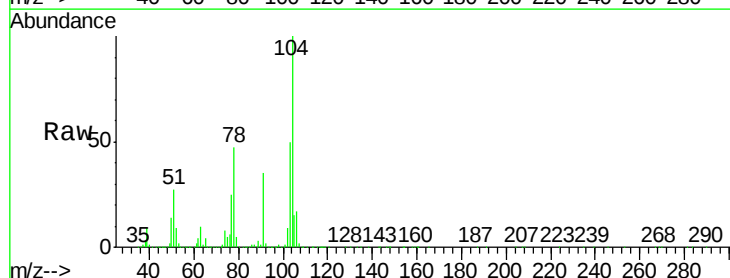
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 498246
Ion Ratio Lower Upper
106 100
91 219.5 108.2 324.6



#70
Styrene
Concen: 53.148 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion:104 Resp: 876516
Ion Ratio Lower Upper
104 100
78 51.8 42.5 63.7
103 54.7 44.3 66.5





#71

Bromoform

Concen: 51.443 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

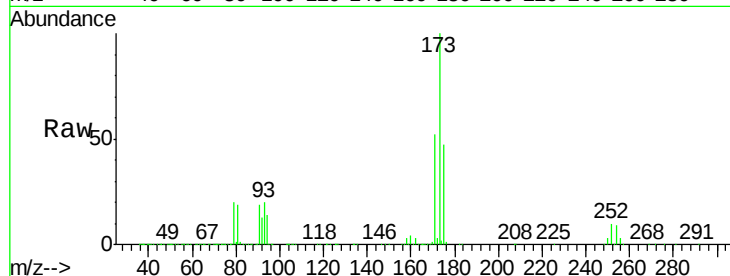
Tot Ion:173 Resp: 280335

Ion Ratio Lower Upper

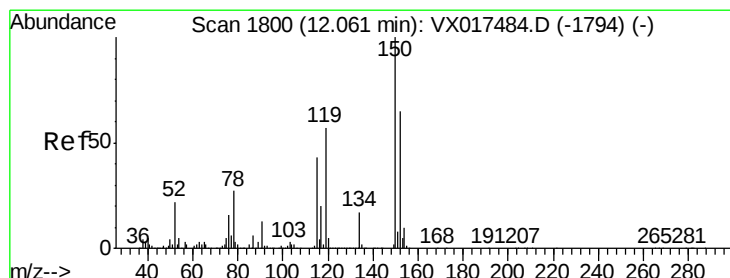
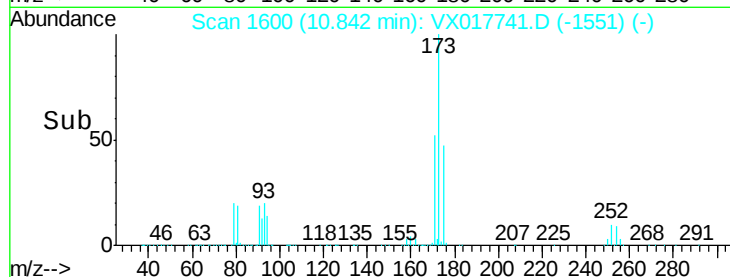
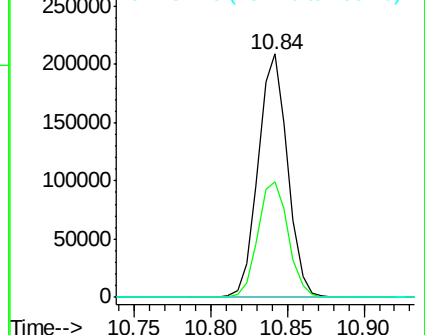
173 100

175 49.0 23.8 71.5

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

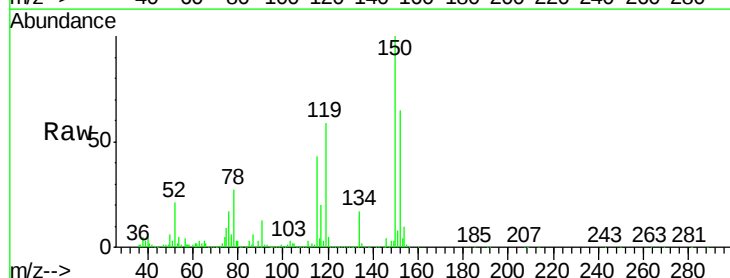
Tgt Ion:152 Resp: 387857

Ion Ratio Lower Upper

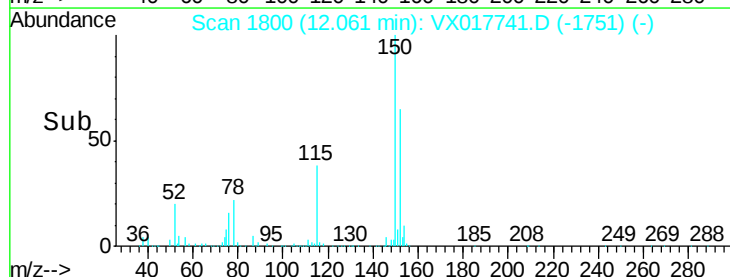
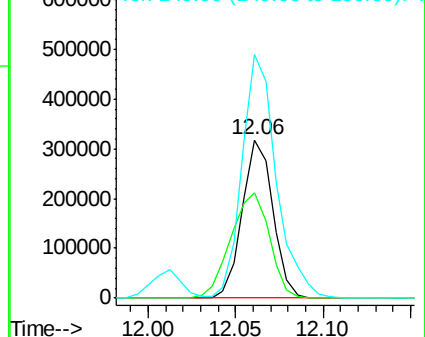
152 100

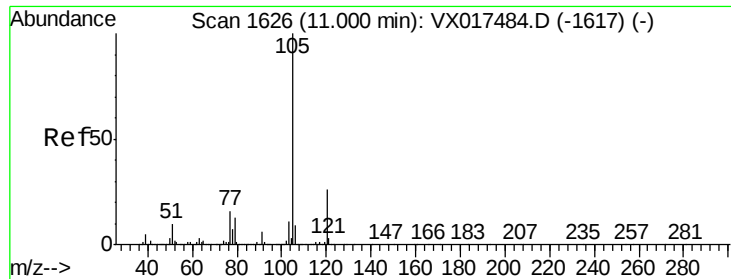
115 83.6 65.5 196.6

150 171.8 0.0 412.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.806 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

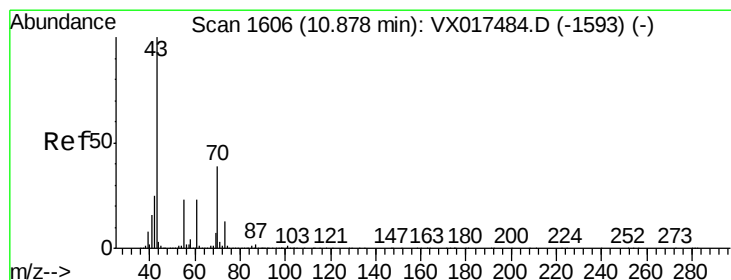
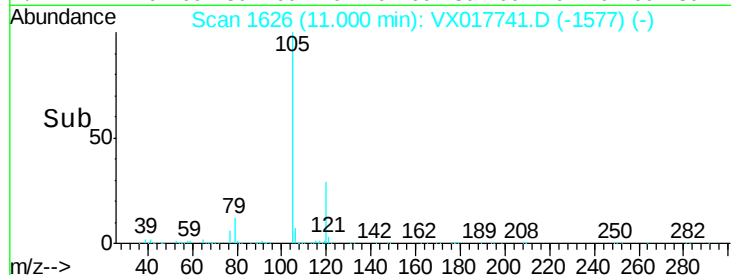
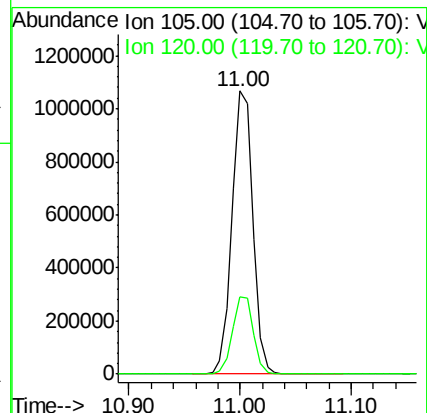
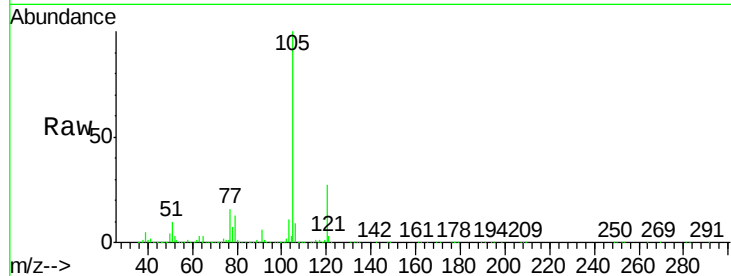
VSTDCCC050

Tot Ion:105 Resp: 1378440

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8



#74

N-ethyl acetate

Concen: 47.693 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion: 43 Resp: 563827

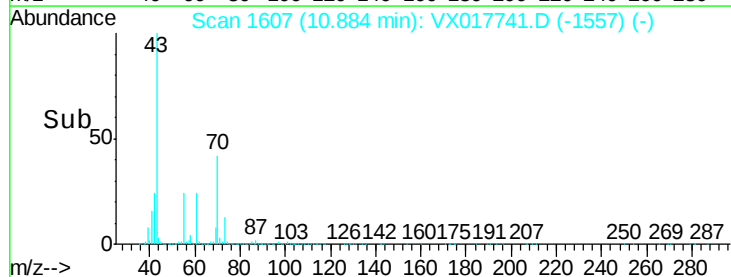
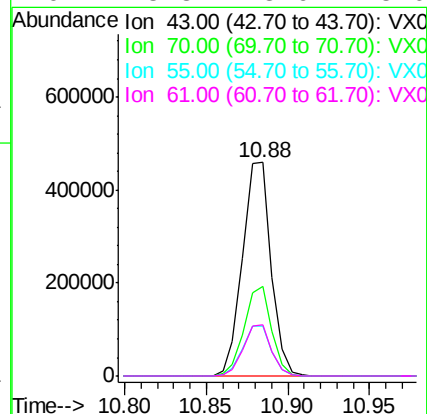
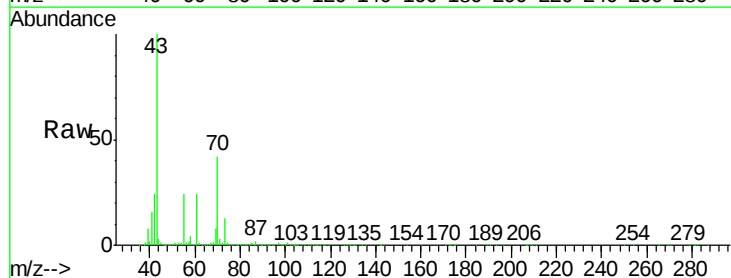
Ion Ratio Lower Upper

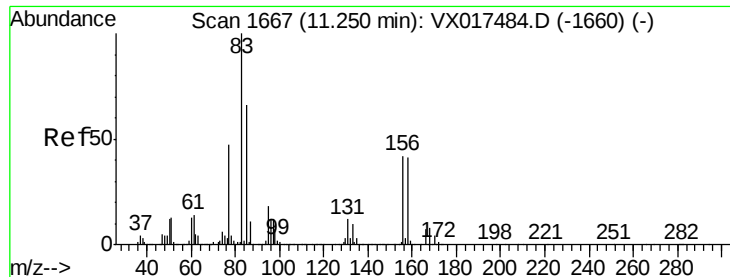
43 100

70 39.9 32.3 48.5

55 23.7 18.4 27.6

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.190 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

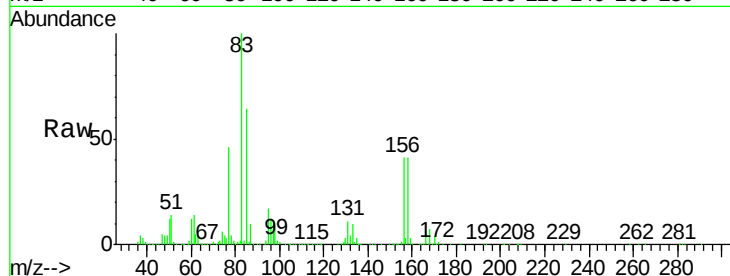
Tot Ion: 83 Resp: 375313

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.5

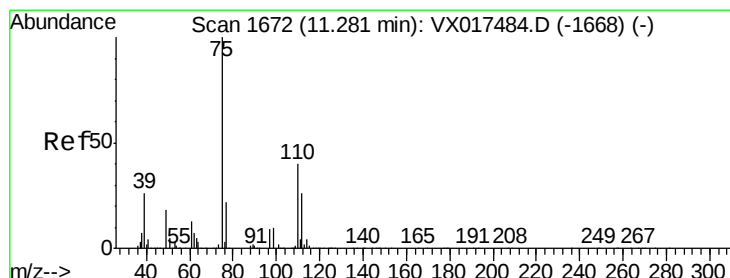
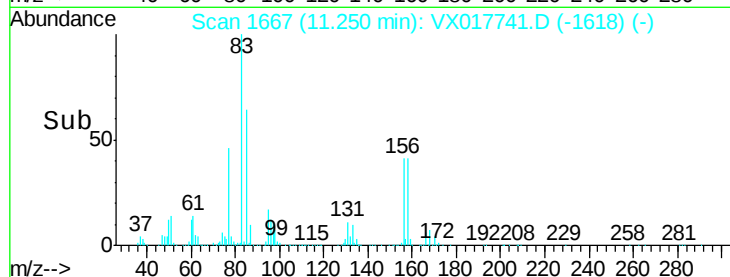
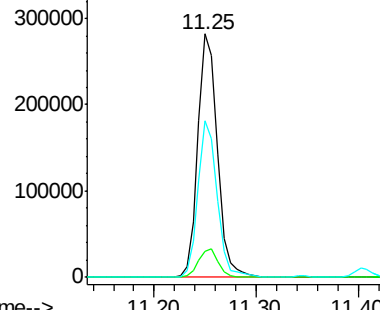
85 63.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.381 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017741.D

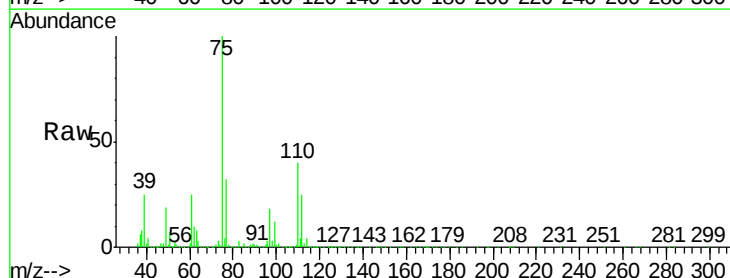
Acq: 03 Aug 2020 12:54

Tgt Ion: 75 Resp: 497703

Ion Ratio Lower Upper

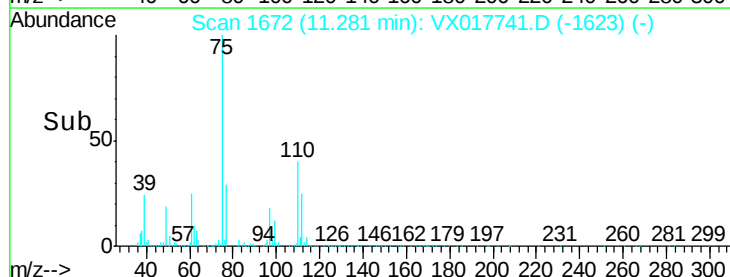
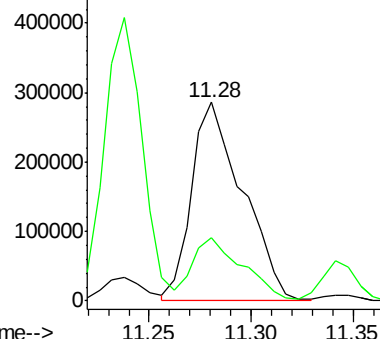
75 100

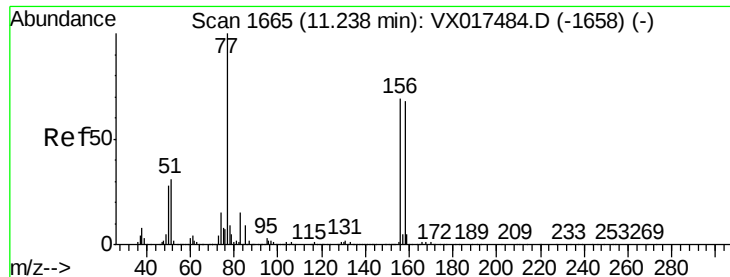
77 31.2 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.817 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

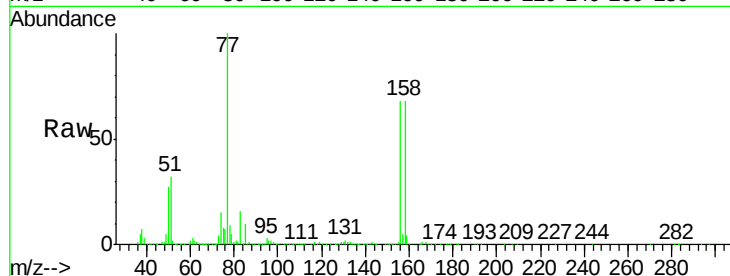
Tot Ion:156 Resp: 356184

Ion Ratio Lower Upper

156 100

77 148.1 75.0 225.0

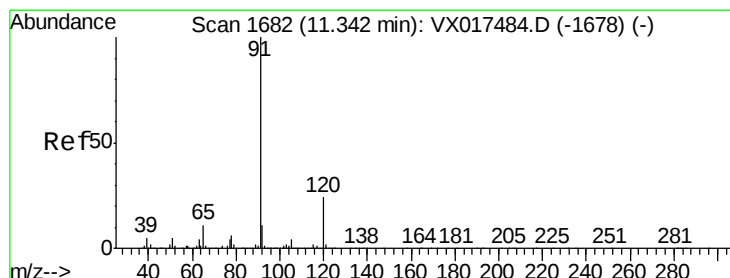
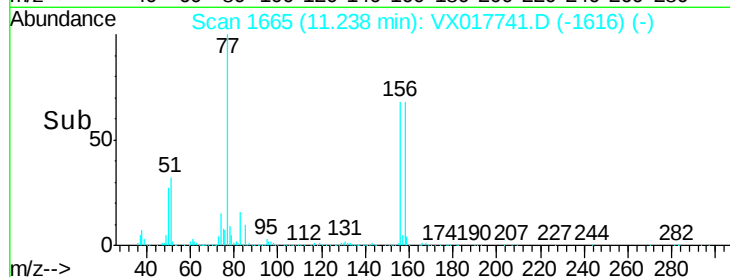
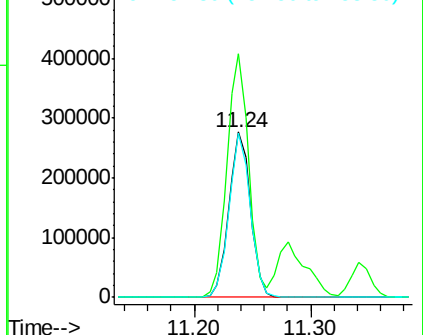
158 97.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.414 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017741.D

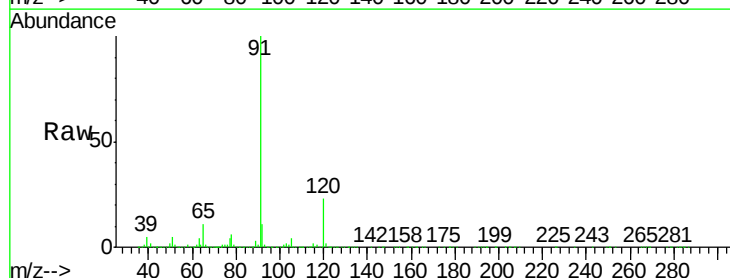
Acq: 03 Aug 2020 12:54

Tgt Ion: 91 Resp: 1602923

Ion Ratio Lower Upper

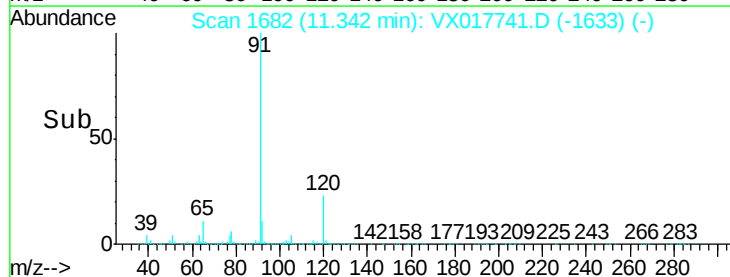
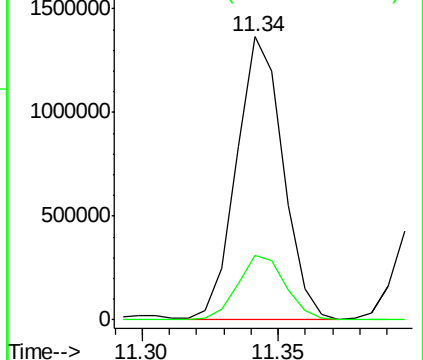
91 100

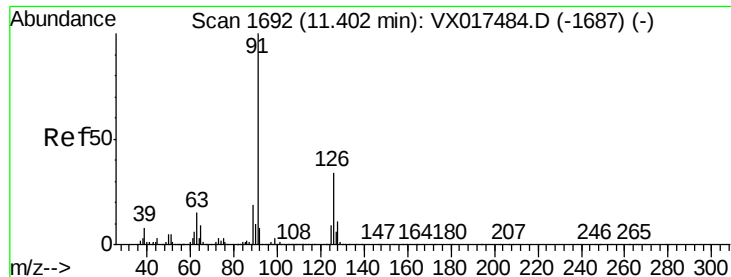
120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

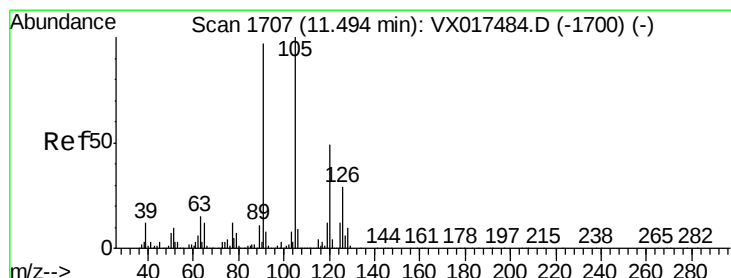
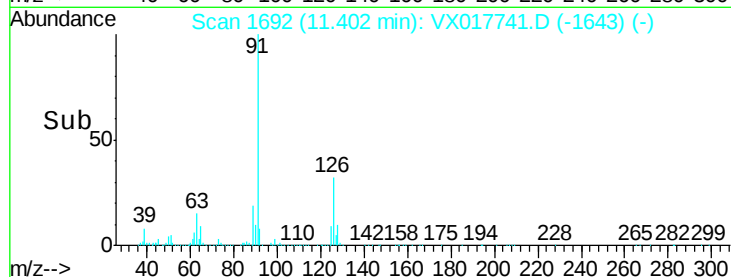
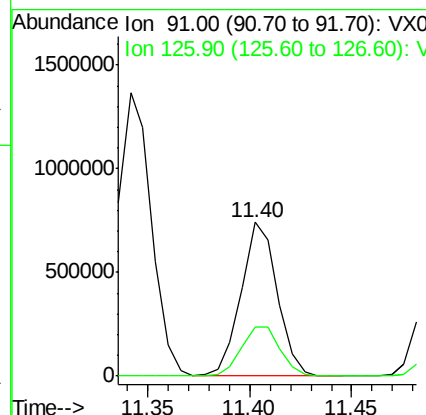
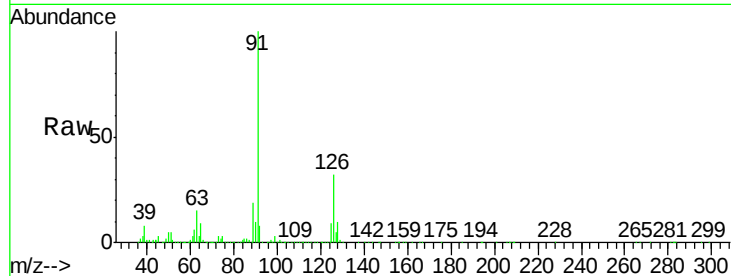




#79
 2-Chlorotoluene
 Concen: 48.936 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

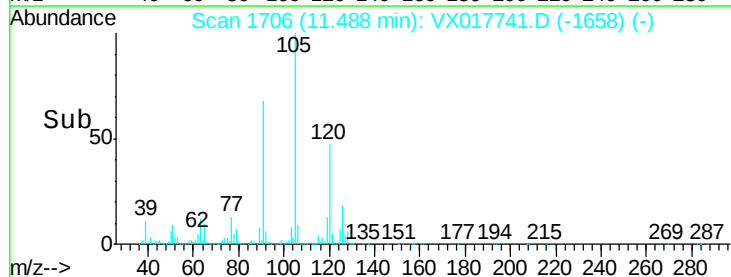
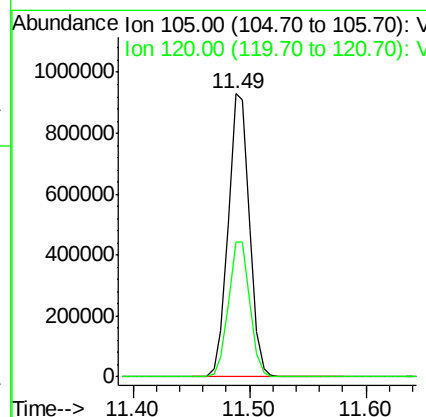
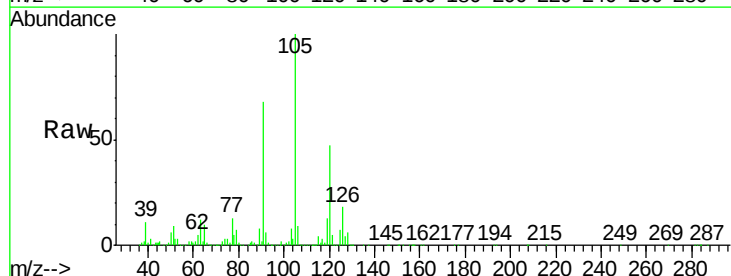
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 909696
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.234 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion: 105 Resp: 1163928
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.084 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

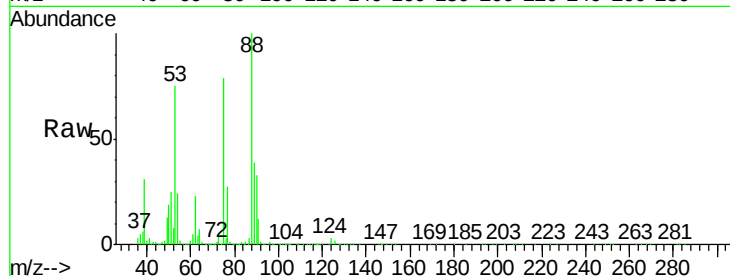
Tot Ion: 75 Resp: 145916

Ion Ratio Lower Upper

75 100

53 99.2 75.9 113.9

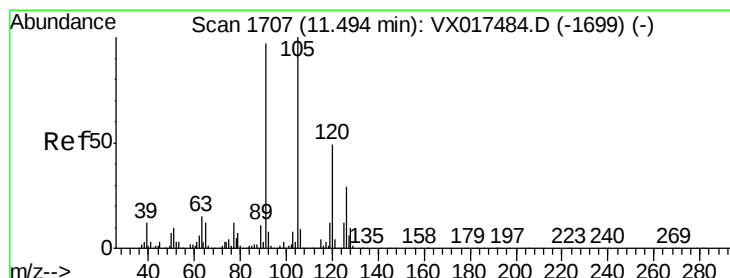
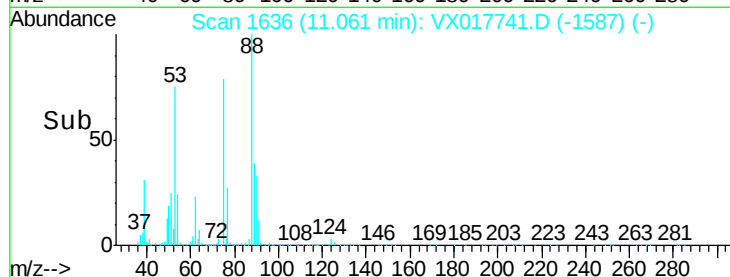
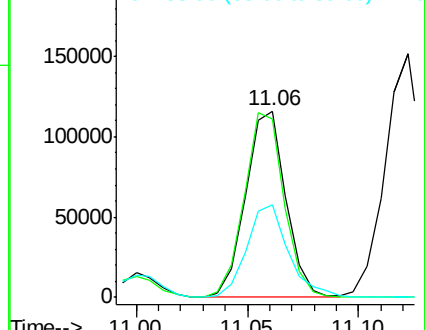
89 51.6 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.095 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017741.D

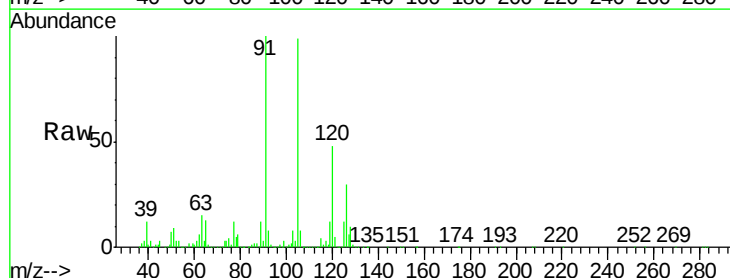
Acq: 03 Aug 2020 12:54

Tgt Ion: 91 Resp: 1098508

Ion Ratio Lower Upper

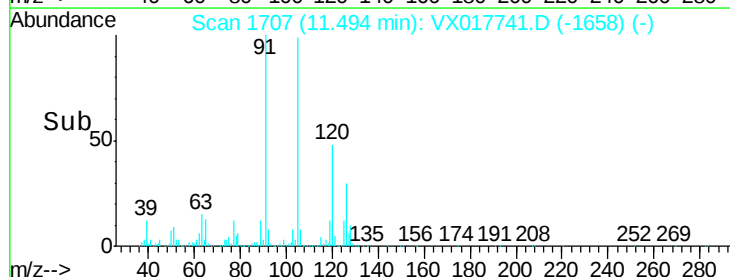
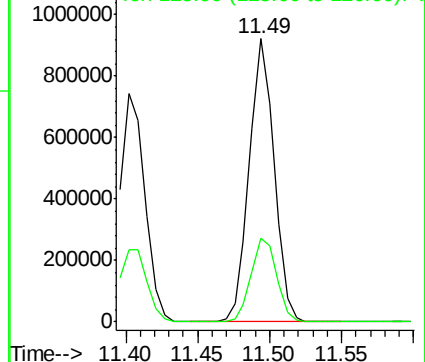
91 100

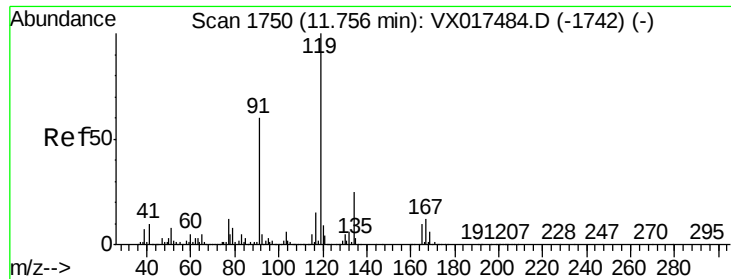
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



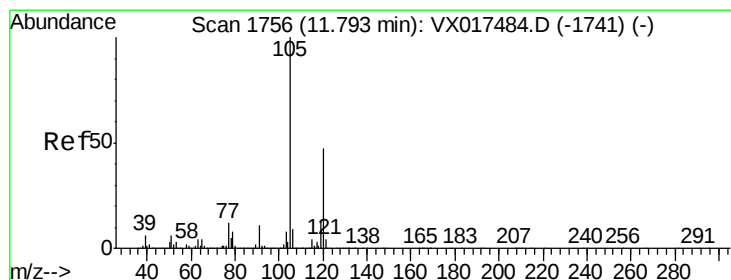
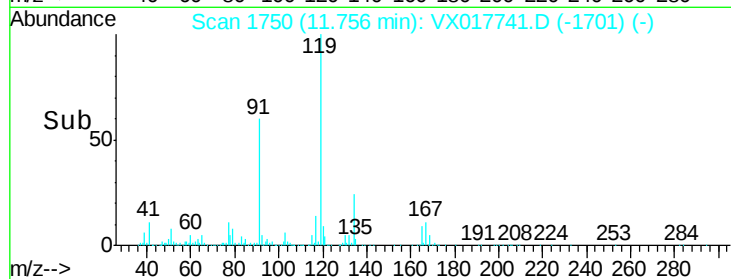
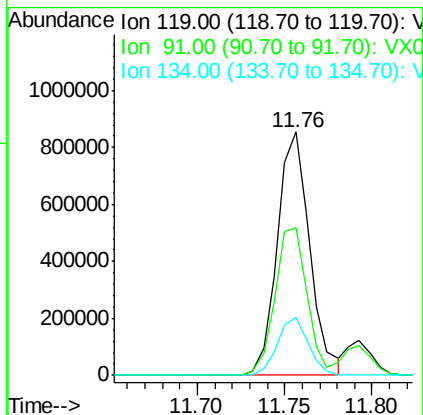
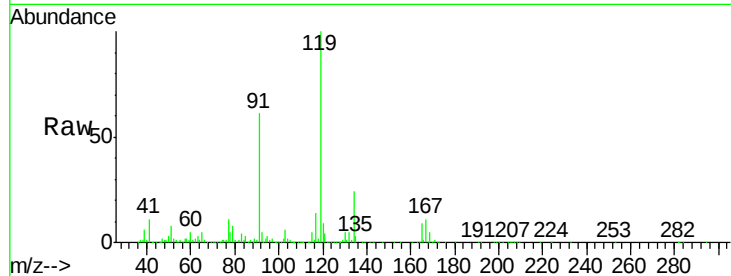


#83
 tert-Butylbenzene
 Concen: 50.830 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1104930

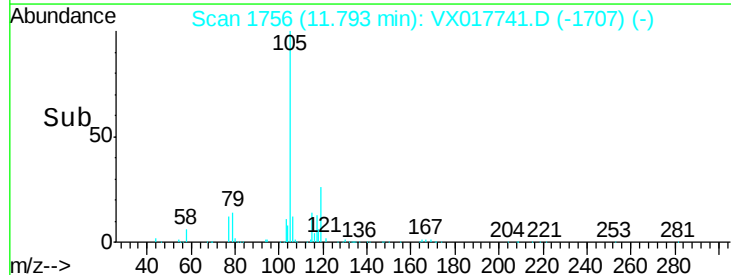
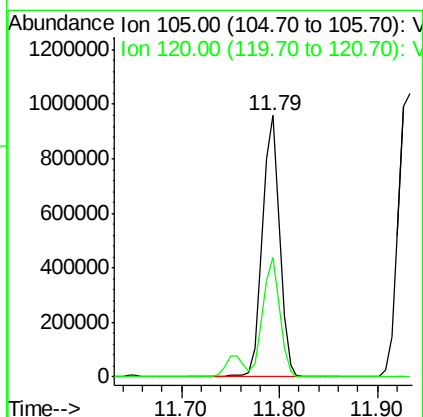
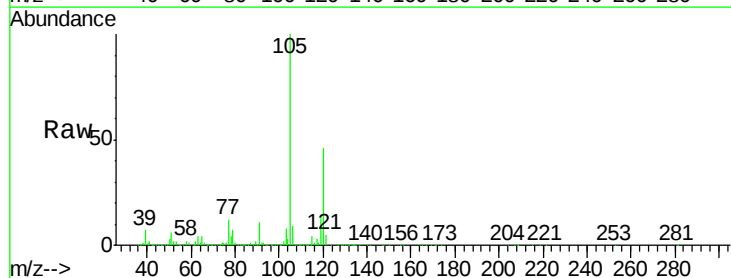
Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.3	88.0
134	22.6	11.2	33.6

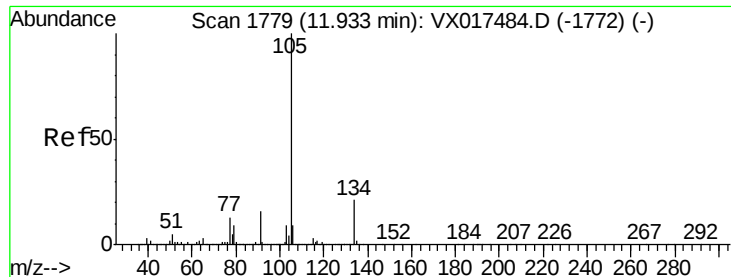


#84
 1,2,4-Trimethylbenzene
 Concen: 52.018 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion:105 Resp: 1175378

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.7	68.0





#85

sec-Butylbenzene

Concen: 51.017 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

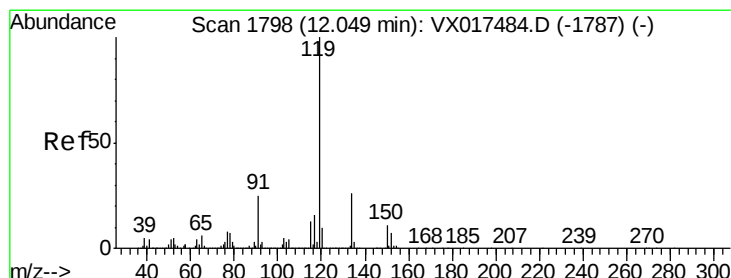
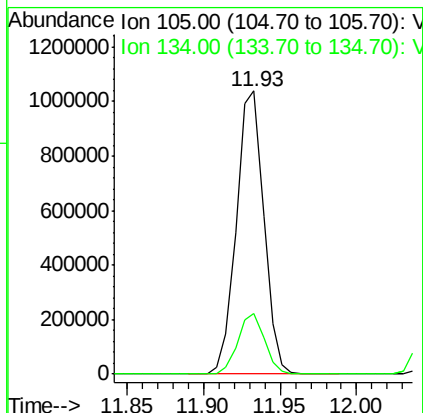
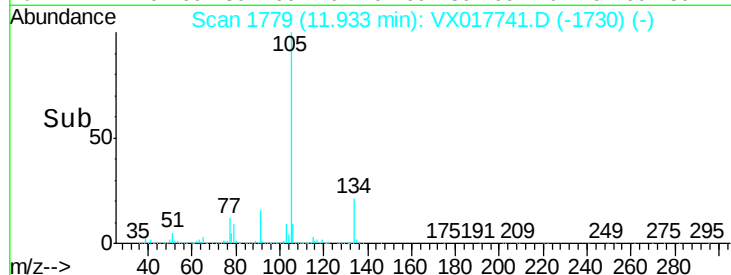
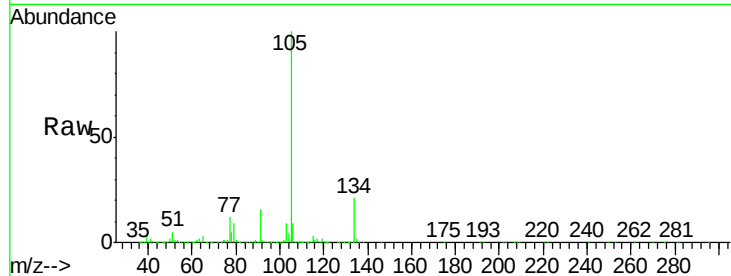
VSTDCCC050

Tot Ion:105 Resp: 1291902

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 53.177 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

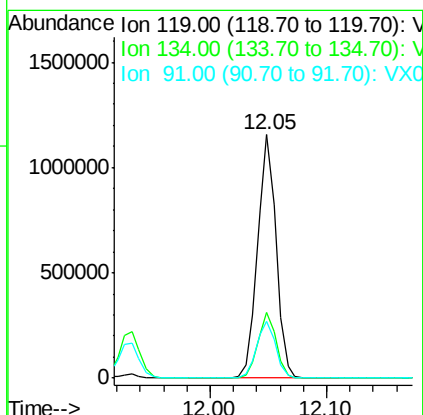
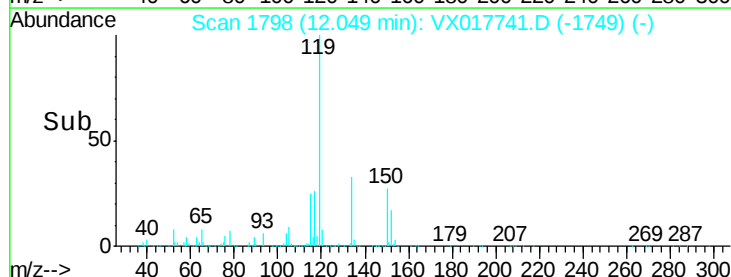
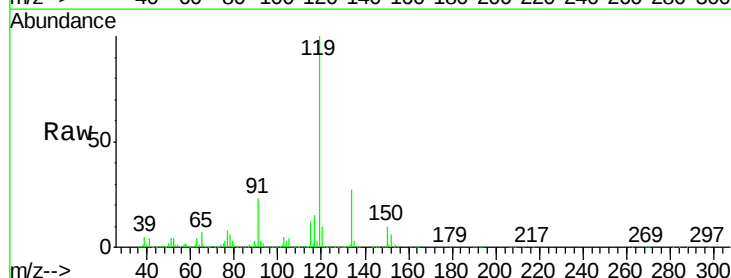
Tgt Ion:119 Resp: 1282367

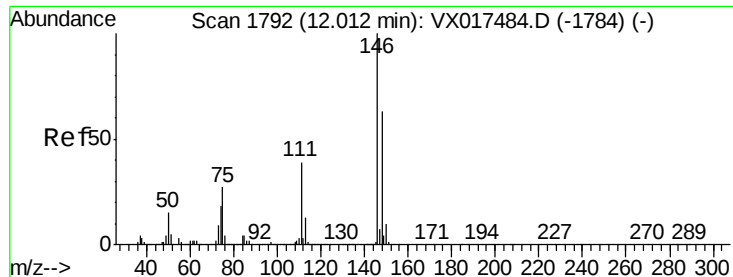
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.1 12.1 36.3

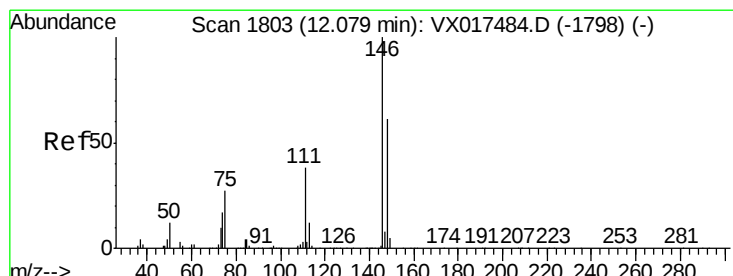
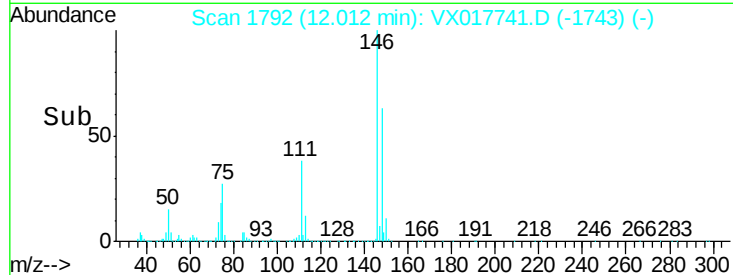
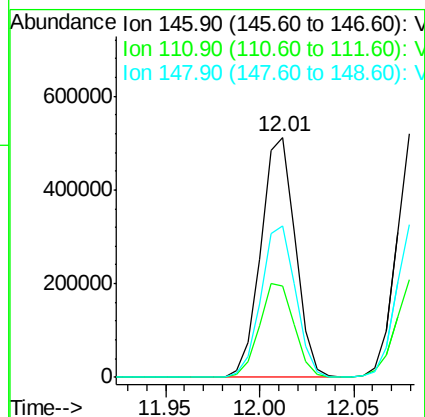
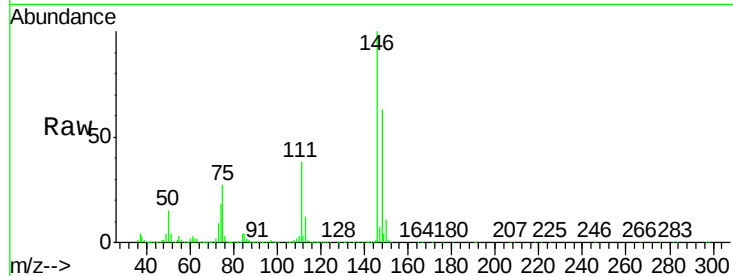




#87
 1,3-Dichlorobenzene
 Concen: 50.670 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

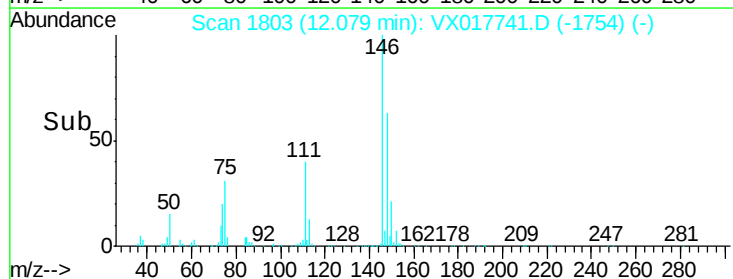
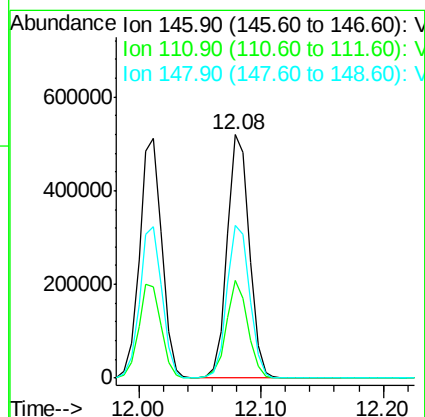
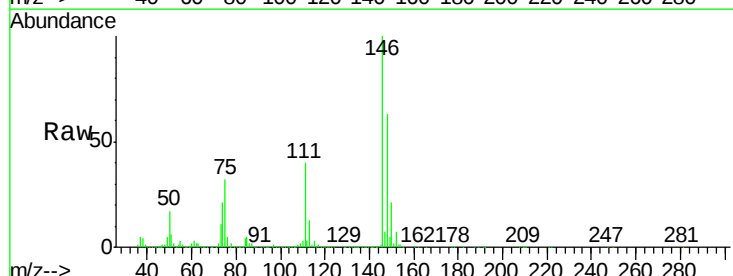
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

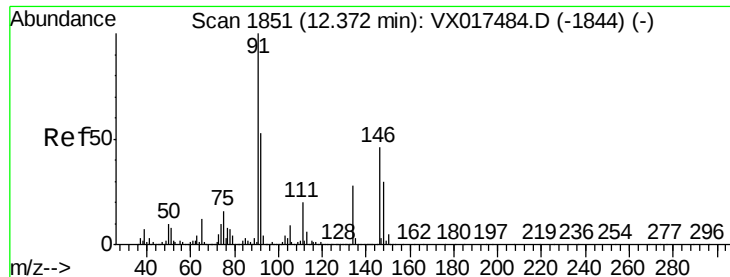
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.4	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.848 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.2	32.2	96.6

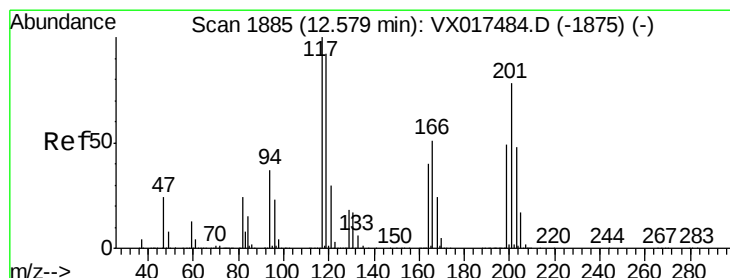
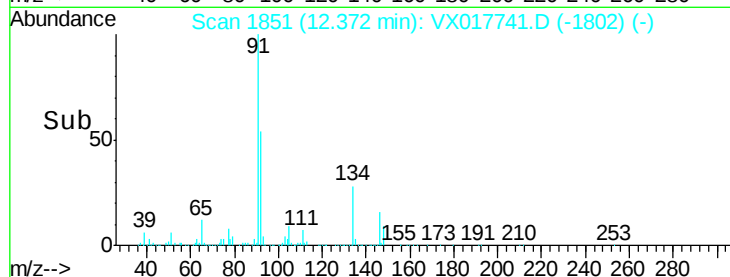
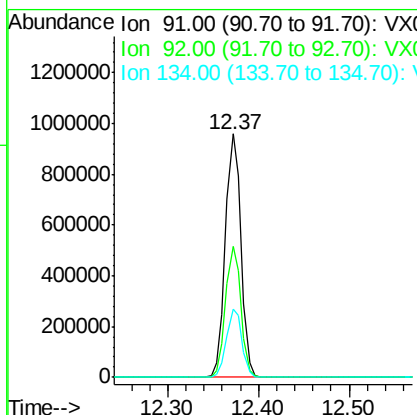
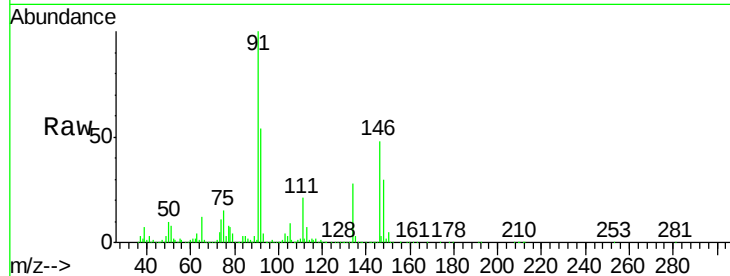




#89
n-Butylbenzene
Concen: 53.239 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

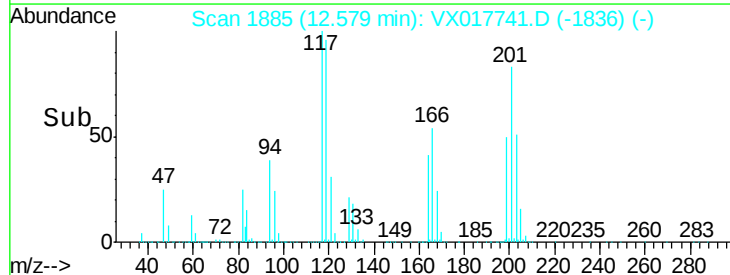
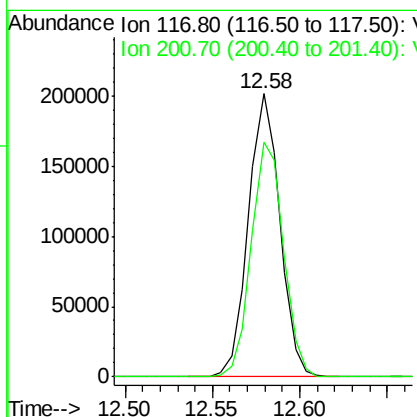
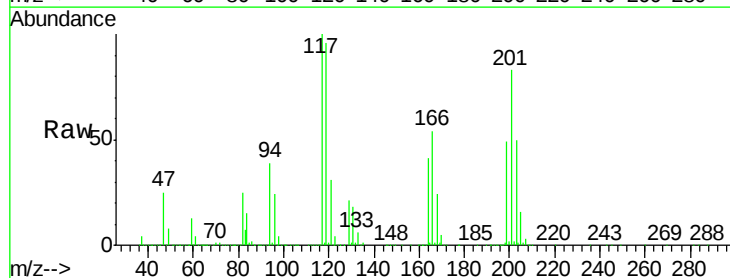
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

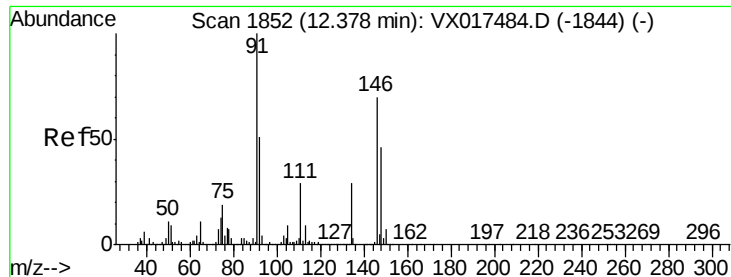
Tot Ion: 91 Resp: 1144001
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 27.6 13.6 40.7



#90
Hexachloroethane
Concen: 53.088 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion: 117 Resp: 252395
Ion Ratio Lower Upper
117 100
201 84.7 42.2 126.6

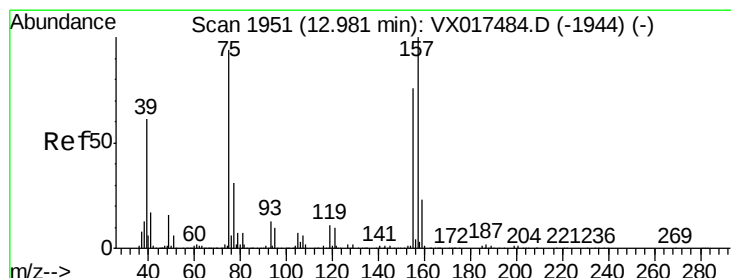
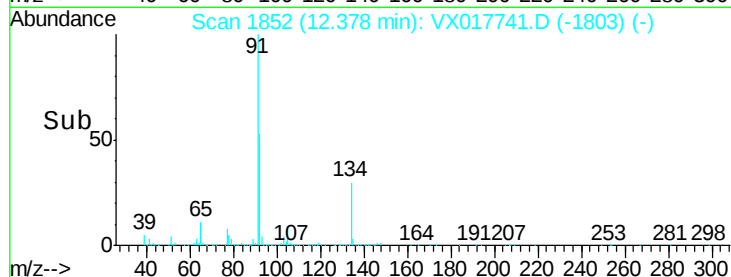
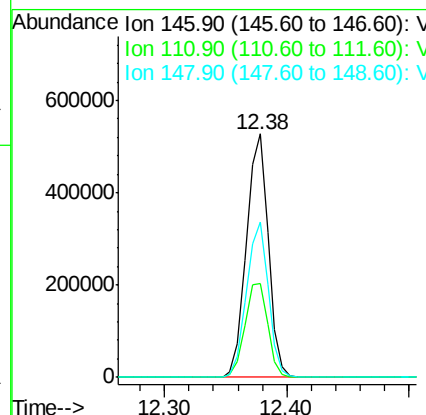
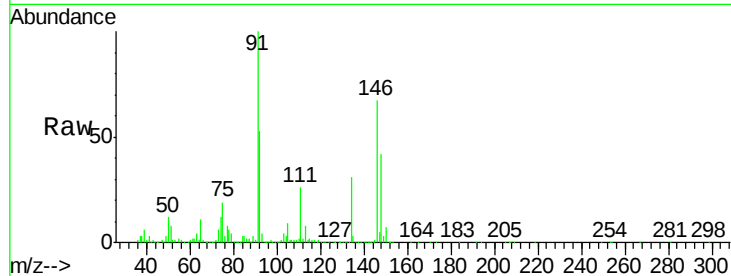




#91
 1,2-Dichlorobenzene
 Concen: 51.527 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

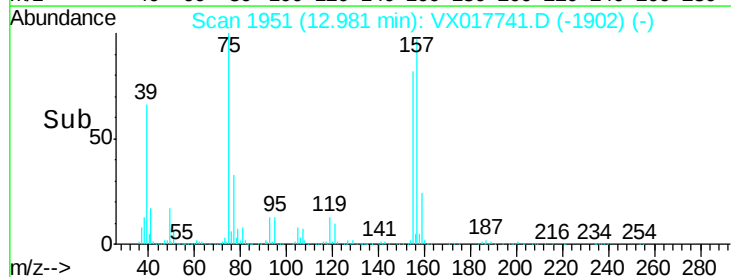
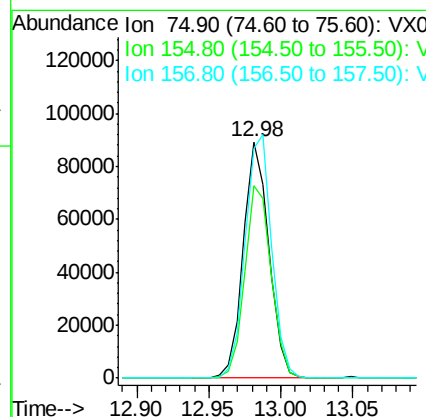
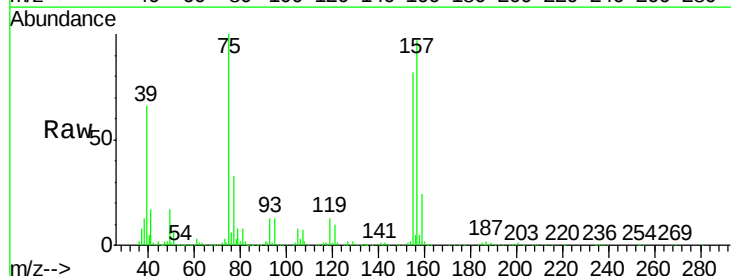
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

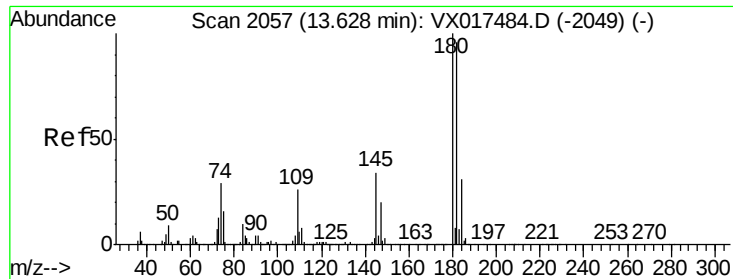
Tot Ion:146 Resp: 647800
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.9 62.8
 148 63.9 32.8 98.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.894 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion: 75 Resp: 109744
 Ion Ratio Lower Upper
 75 100
 155 83.8 42.3 126.8
 157 106.7 54.3 162.9

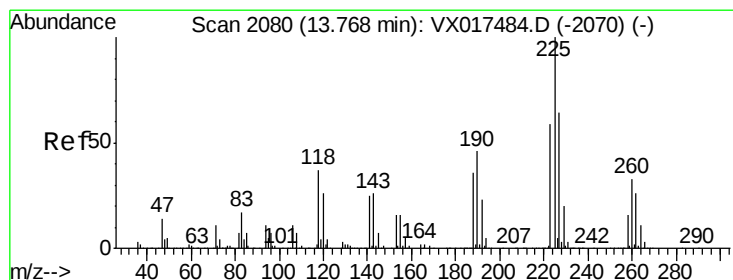
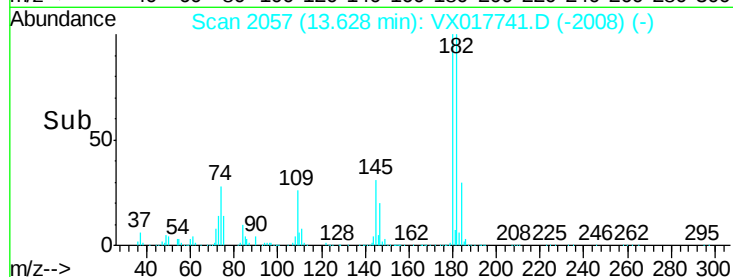
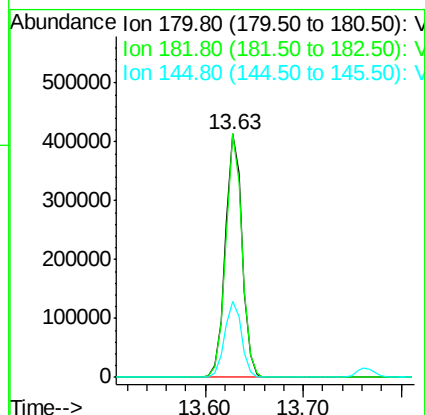
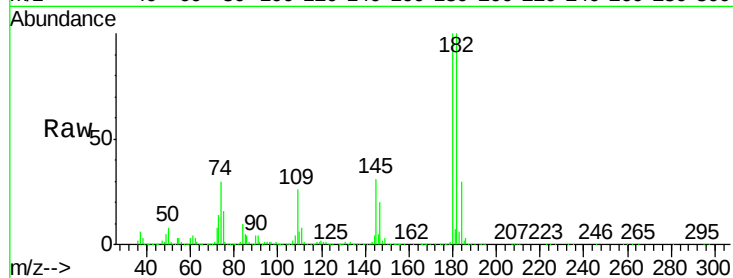




#93
 1,2,4-Trichlorobenzene
 Concen: 56.788 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

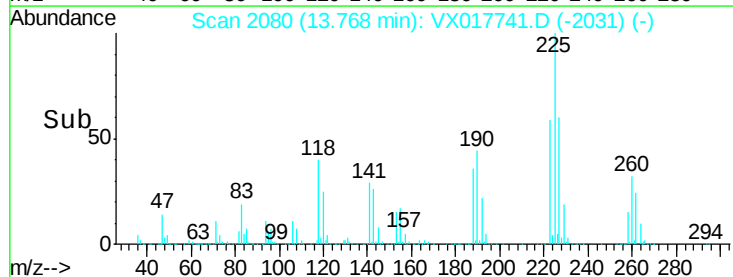
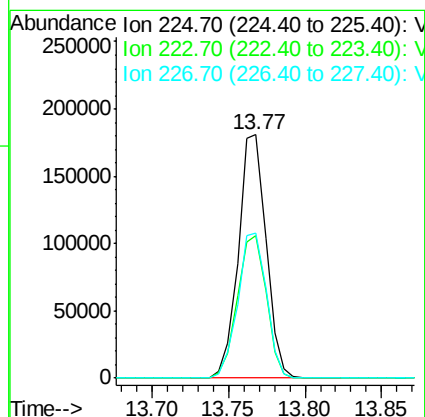
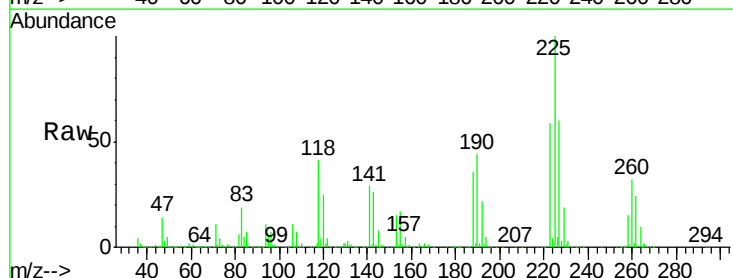
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

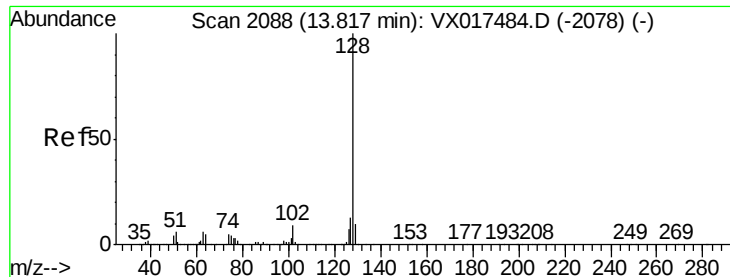
Tot Ion:180 Resp: 487254
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.5 142.6
 145 31.6 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 57.580 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion:225 Resp: 227418
 Ion Ratio Lower Upper
 225 100
 223 60.9 30.3 90.9
 227 61.5 31.1 93.2





#95

Naphthalene

Concen: 57.665 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

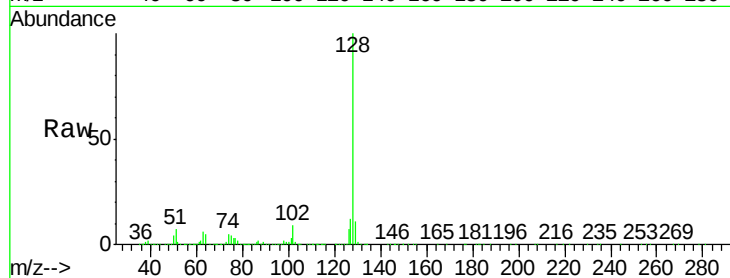
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1476996

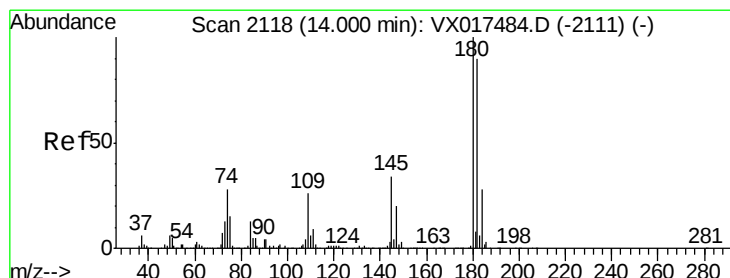
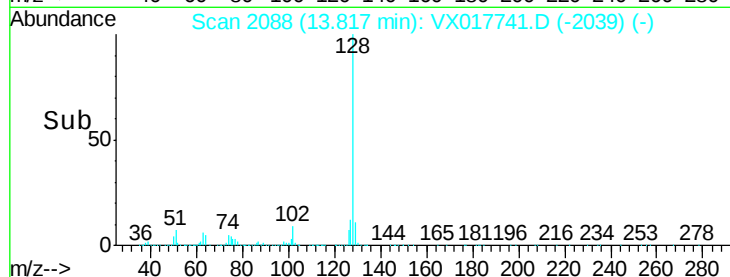
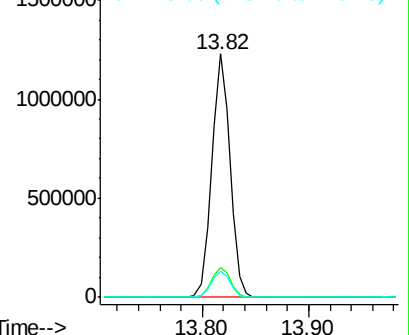
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.849 ug/l

RT: 14.00 min Scan# 2118

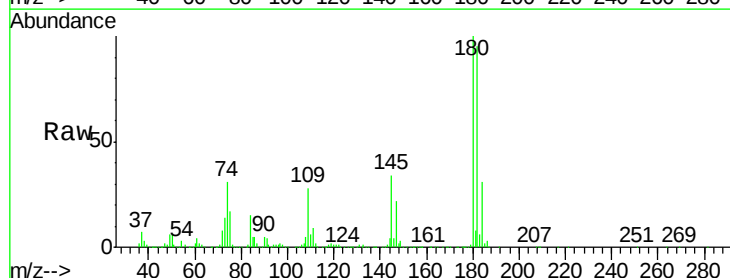
Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion:180 Resp: 481622

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	32.7	16.3	48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

