

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017739.D
 Acq On : 01 Aug 2020 06:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 07:11:43 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	499174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	768913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	762491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	412609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	362651	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
35) Dibromofluoromethane	5.47	113	288491	56.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.20%	
50) Toluene-d8	8.70	98	1031900	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
62) 4-Bromofluorobenzene	11.12	95	417096	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	233594	50.449	ug/l	99
3) Chloromethane	1.31	50	267794	43.449	ug/l	99
4) Vinyl Chloride	1.39	62	275086	43.793	ug/l	99
5) Bromomethane	1.62	94	167953	49.729	ug/l	98
6) Chloroethane	1.70	64	167399	48.302	ug/l	94
7) Trichlorofluoromethane	1.91	101	463273	46.890	ug/l	98
8) Diethyl Ether	2.17	74	157901	49.275	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	240530	44.363	ug/l	97
10) Methyl Iodide	2.49	142	272670	39.310	ug/l	96
11) Tert butyl alcohol	3.03	59	338092	250.178	ug/l	100
12) 1,1-Dichloroethene	2.35	96	234422	45.466	ug/l	98
13) Acrolein	2.28	56	264953	256.679	ug/l	99
14) Allyl chloride	2.70	41	435606	46.269	ug/l	99
15) Acrylonitrile	3.12	53	756256	259.091	ug/l	99
16) Acetone	2.42	43	703542	249.289	ug/l	97
17) Carbon Disulfide	2.55	76	647781	41.335	ug/l	100
18) Methyl Acetate	2.75	43	358960	54.006	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	880641	49.348	ug/l	100
20) Methylene Chloride	2.84	84	285313	53.775	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	265247	48.022	ug/l	97
22) Diisopropyl ether	3.83	45	896526	52.081	ug/l	98
23) Vinyl Acetate	3.79	43	3937764	256.555	ug/l	99
24) 1,1-Dichloroethane	3.67	63	498948	50.316	ug/l	100
25) 2-Butanone	4.64	43	1081749	269.815	ug/l	97
26) 2,2-Dichloropropane	4.55	77	307267	34.616	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	303518	50.592	ug/l	96
28) Bromochloromethane	4.98	49	224951	50.059	ug/l	100
29) Tetrahydrofuran	5.09	42	696069	280.287	ug/l	98
30) Chloroform	5.18	83	530133	52.321	ug/l	98
31) Cyclohexane	5.55	56	396000	50.077	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	491876	51.481	ug/l	100
36) 1,1-Dichloropropene	5.77	75	373329	50.624	ug/l	99
37) Ethyl Acetate	4.80	43	413299	51.221	ug/l	99
38) Carbon Tetrachloride	5.76	117	454571	50.759	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	395262	45.913	ug/l	99
40) Benzene	6.12	78	1086149	51.373	ug/l	99
41) Methacrylonitrile	5.00	41	225235	48.699	ug/l	95
42) 1,2-Dichloroethane	6.16	62	446902	51.668	ug/l	99
43) Isopropyl Acetate	6.42	43	676105	50.785	ug/l	99
44) Trichloroethene	7.19	130	321588	52.048	ug/l	89
45) 1,2-Dichloropropane	7.49	63	298944	51.005	ug/l	99
46) Dibromomethane	7.64	93	208509	50.339	ug/l	100
47) Bromodichloromethane	7.88	83	443613	53.227	ug/l	100
48) Methyl methacrylate	7.75	41	348718	52.842	ug/l	99
49) 1,4-Dioxane	7.71	88	141442	1117.913	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2209050	278.095	ug/l	99
52) Toluene	8.77	92	707022	52.144	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	459487	49.250	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	485384	51.006	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	309266	54.753	ug/l	99
56) Ethyl methacrylate	9.16	69	462753	54.379	ug/l	99
57) 1,3-Dichloropropane	9.35	76	499285	53.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1180196	263.241	ug/l	100
59) 2-Hexanone	9.48	43	1666746	278.694	ug/l	99
60) Dibromochloromethane	9.57	129	383270	53.386	ug/l	100
61) 1,2-Dibromoethane	9.65	107	335249	55.749	ug/l	100
64) Tetrachloroethene	9.32	164	330381	48.276	ug/l	97
65) Chlorobenzene	10.12	112	818011	49.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	332361	49.897	ug/l	100
67) Ethyl Benzene	10.24	91	1394879	50.631	ug/l	98
68) m/p-Xylenes	10.34	106	1074954	100.719	ug/l	98
69) o-Xylene	10.68	106	519557	50.615	ug/l	100
70) Styrene	10.69	104	915836	52.439	ug/l	99
71) Bromoform	10.84	173	288700	50.027	ug/l #	99
73) Isopropylbenzene	11.00	105	1418791	50.124	ug/l	99
74) N-amyl acetate	10.88	43	610325	48.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	426988	48.328	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	527669	62.170	ug/l	82
77) Bromobenzene	11.24	156	370985	46.816	ug/l	98
78) n-propylbenzene	11.34	91	1608179	50.375	ug/l	99
79) 2-Chlorotoluene	11.40	91	976092	49.358	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1184451	49.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	142722	42.371	ug/l	98
82) 4-Chlorotoluene	11.49	91	1146508	49.148	ug/l	99
83) tert-Butylbenzene	11.76	119	1158076	50.079	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1221459	50.814	ug/l	99
85) sec-Butylbenzene	11.93	105	1351989	50.187	ug/l	99
86) p-Isopropyltoluene	12.05	119	1264119	49.276	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	664926	48.863	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	668162	47.404	ug/l	99
89) n-Butylbenzene	12.37	91	1092308	47.784	ug/l	98
90) Hexachloroethane	12.58	117	243216	48.088	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	637174	47.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	111903	45.055	ug/l	99

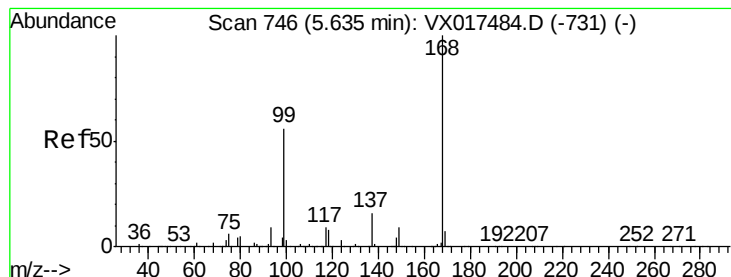
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	449974	49.297	ug/l	100
94) Hexachlorobutadiene	13.77	225	185346	44.113	ug/l	96
95) Naphthalene	13.82	128	1451012	53.252	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	452062	50.159	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: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

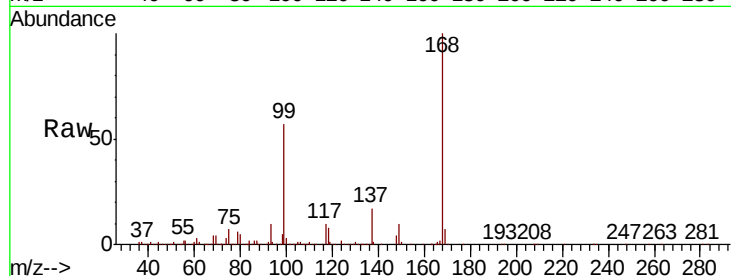
VSTDCCC050EC

Tot Ion:168 Resp: 499174

Ion Ratio Lower Upper

168 100

99 57.0 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

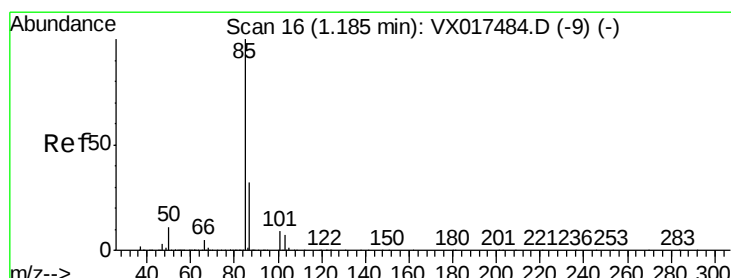
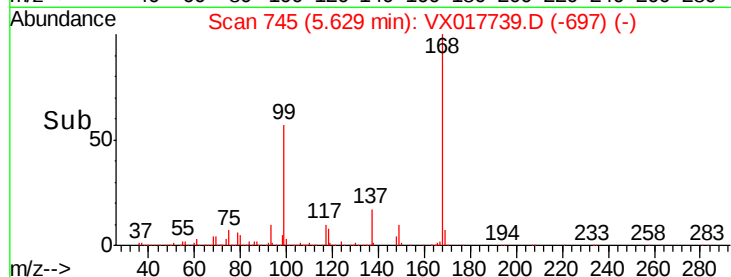
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.449 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017739.D

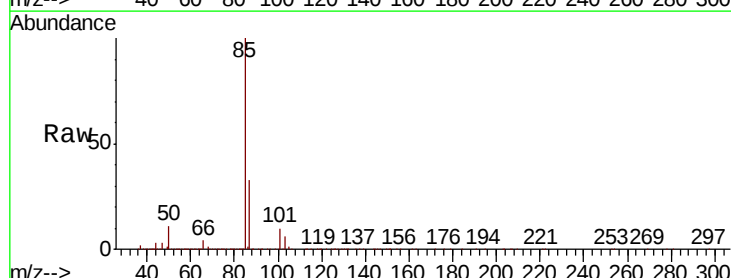
Acq: 01 Aug 2020 06:41

Tgt Ion: 85 Resp: 233594

Ion Ratio Lower Upper

85 100

87 32.9 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

300000

250000

200000

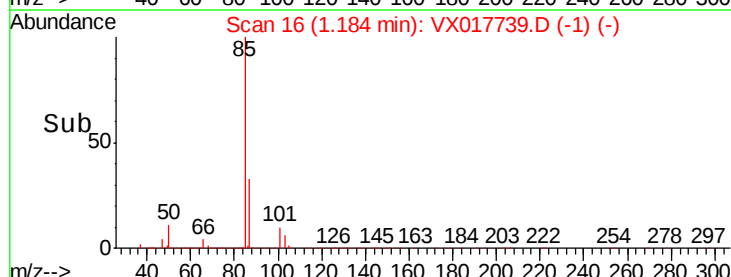
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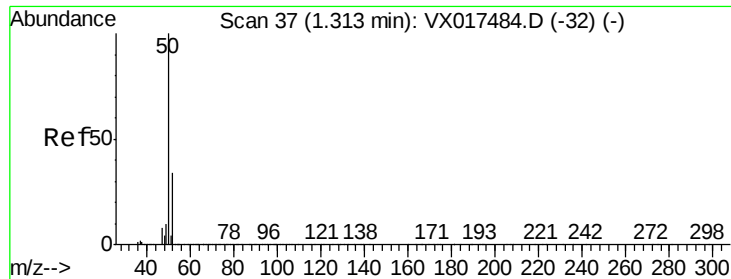
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Time-->

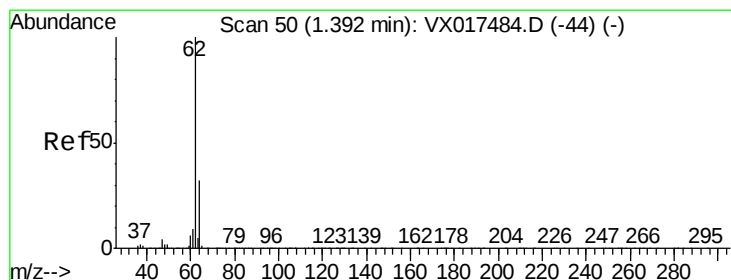
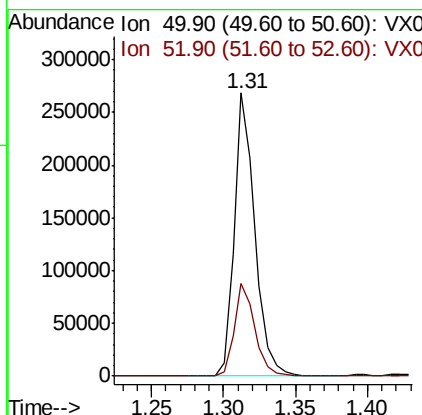
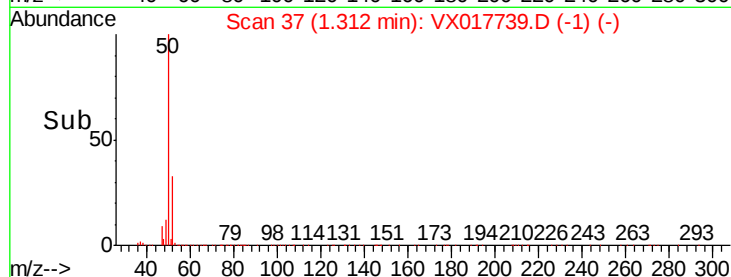
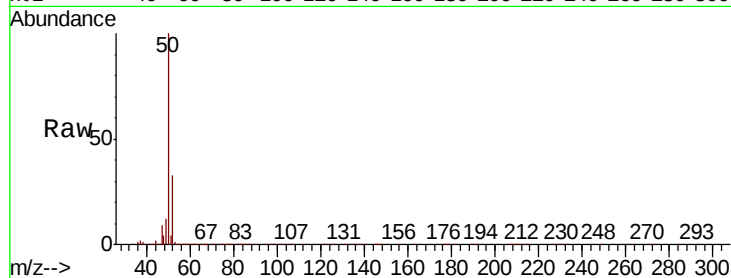




#3
Chloromethane
Concen: 43.449 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

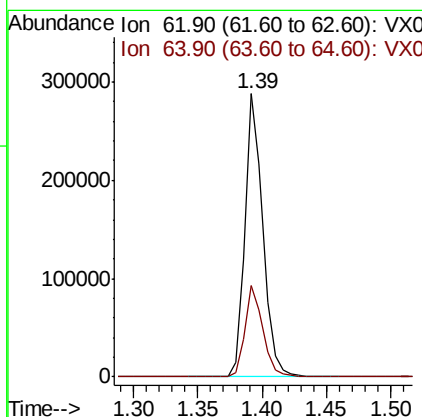
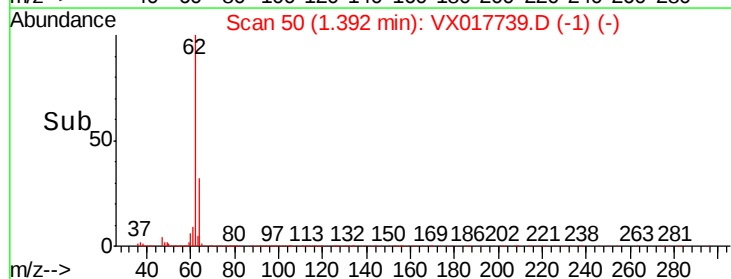
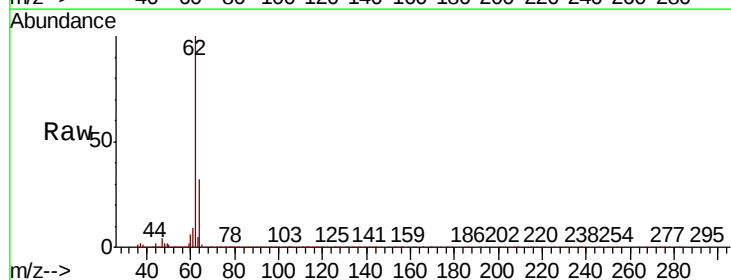
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

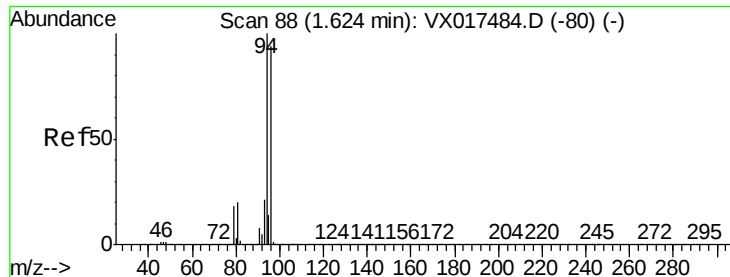
Tot Ion: 50 Resp: 267794
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 43.793 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 62 Resp: 275086
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5

Bromomethane

Concen: 49.729 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

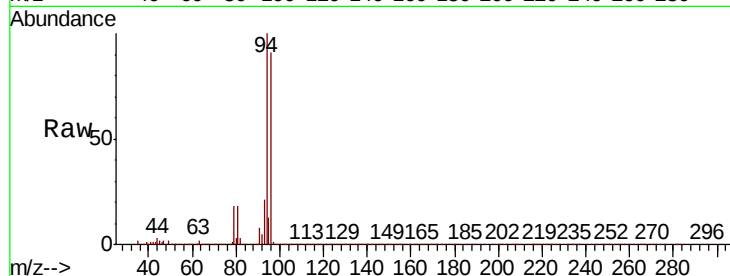
VSTDCCC050EC

Tot Ion: 94 Resp: 167953

Ion Ratio Lower Upper

94 100

96 91.1 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

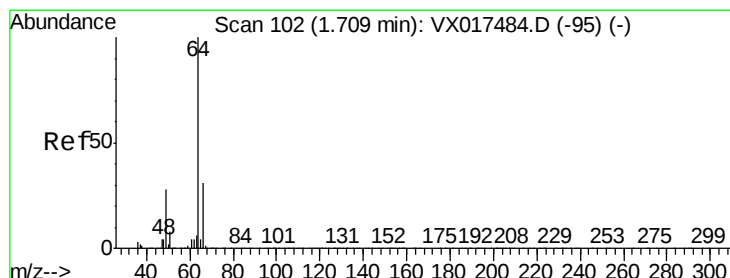
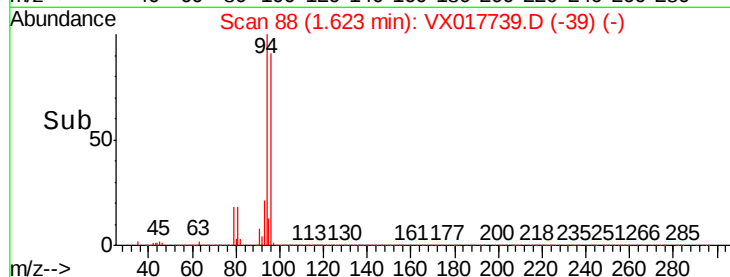
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 48.302 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017739.D

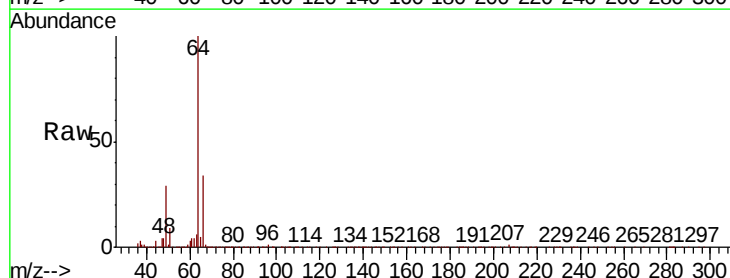
Acq: 01 Aug 2020 06:41

Tgt Ion: 64 Resp: 167399

Ion Ratio Lower Upper

64 100

66 34.2 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

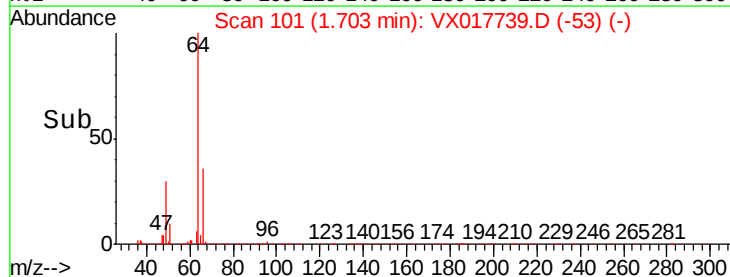
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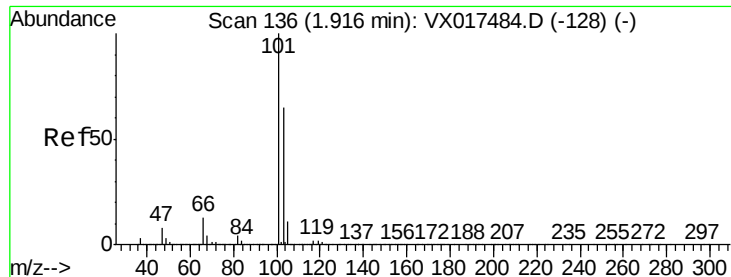
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Time-->



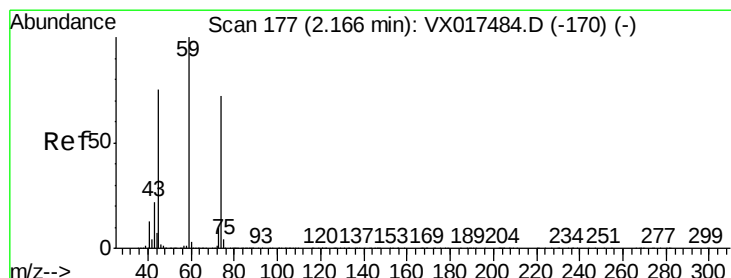
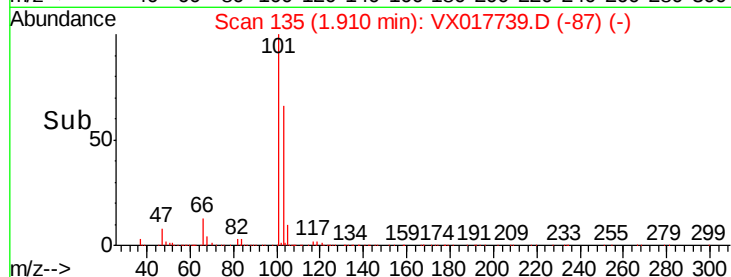
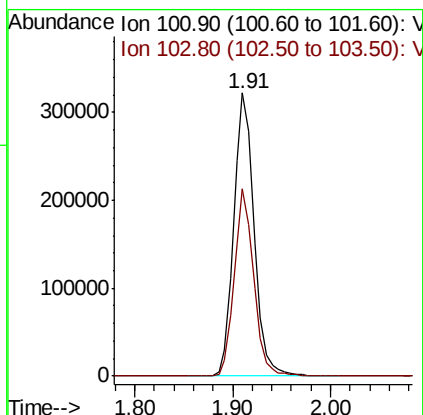
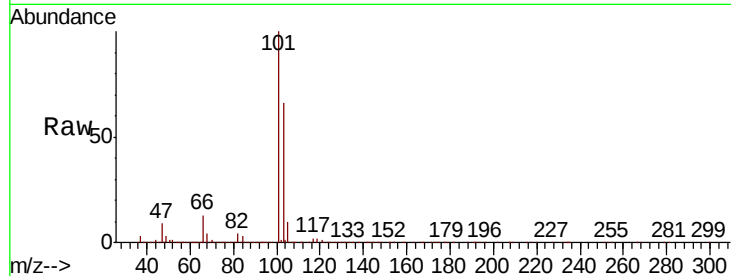


#7

Trichlorofluoromethane
Concen: 46.890 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

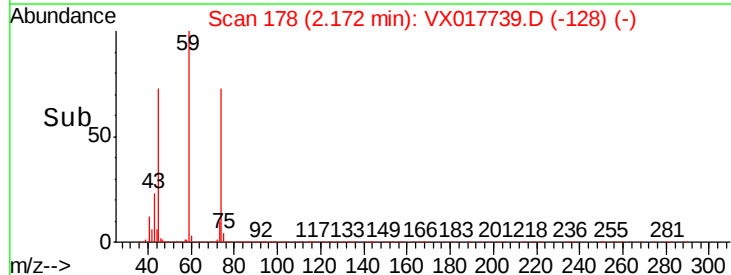
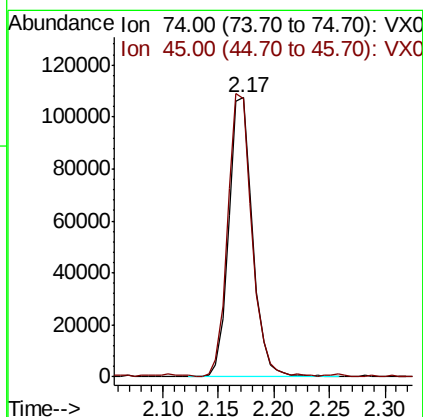
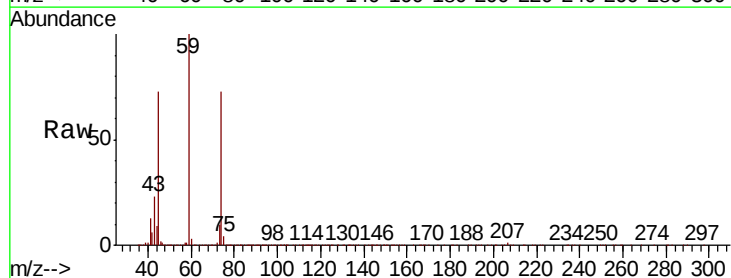
Tot Ion:101 Resp: 463273
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.8

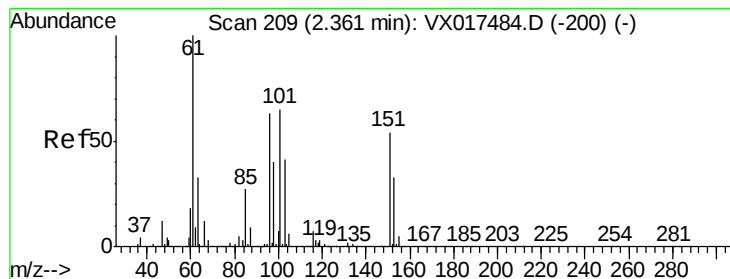


#8

Diethyl Ether
Concen: 49.275 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 74 Resp: 157901
Ion Ratio Lower Upper
74 100
45 102.7 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.363 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

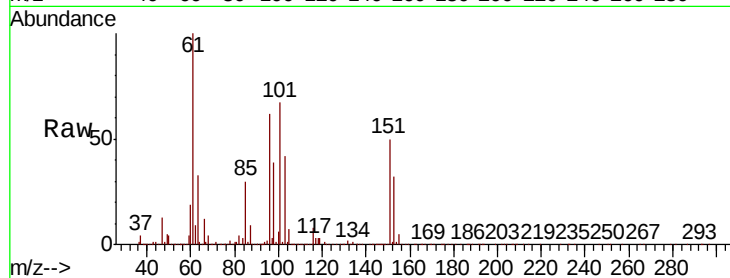
Tot Ion:101 Resp: 240530

Ion Ratio Lower Upper

101 100

85 44.7 34.8 52.2

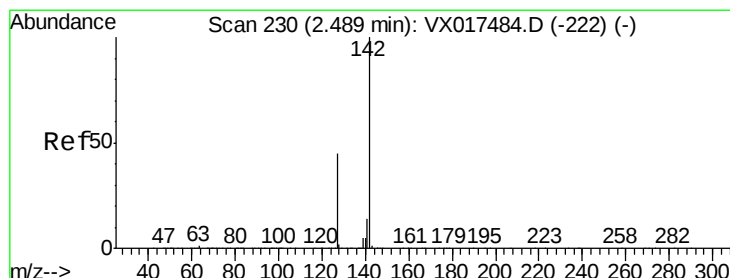
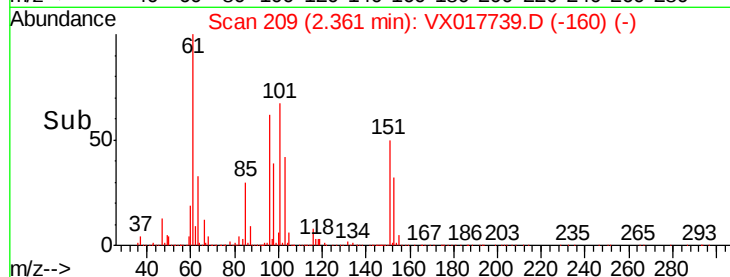
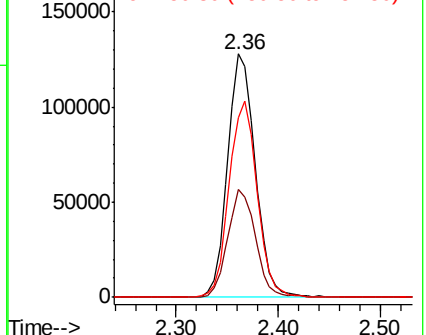
151 81.4 68.0 102.0



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: 39.310 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

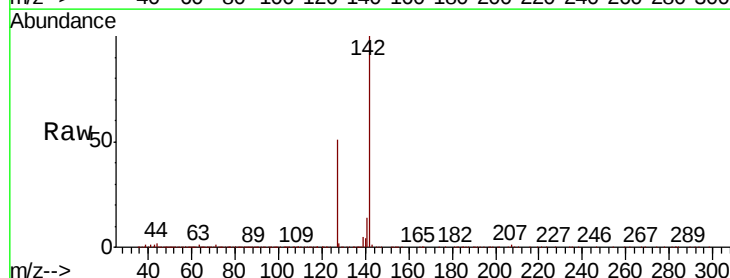
Tgt Ion:142 Resp: 272670

Ion Ratio Lower Upper

142 100

127 48.6 35.9 53.9

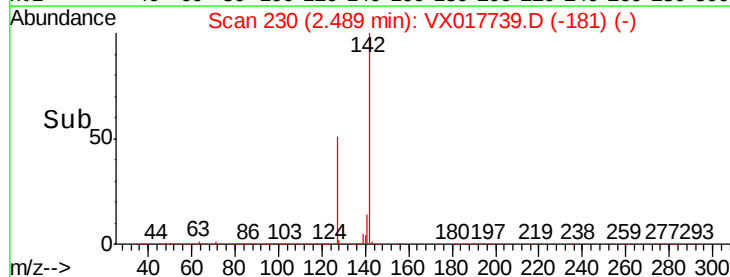
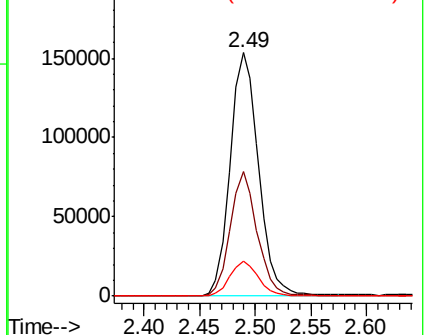
141 14.5 11.4 17.0

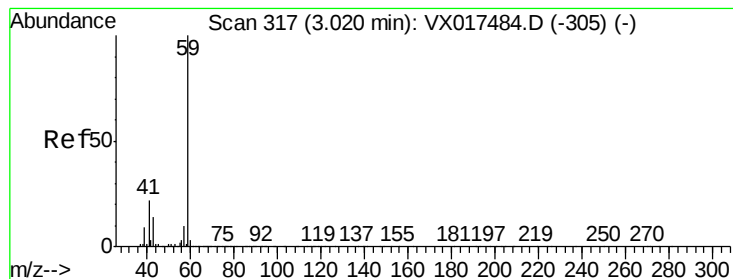


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



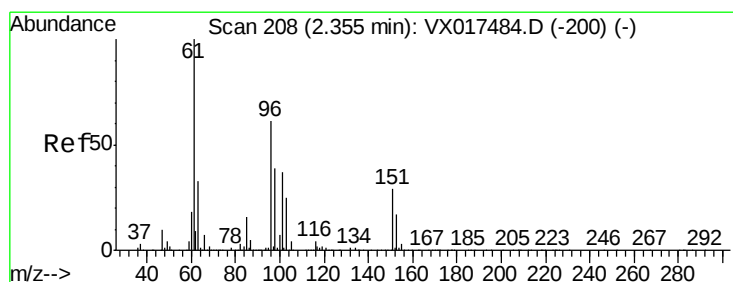
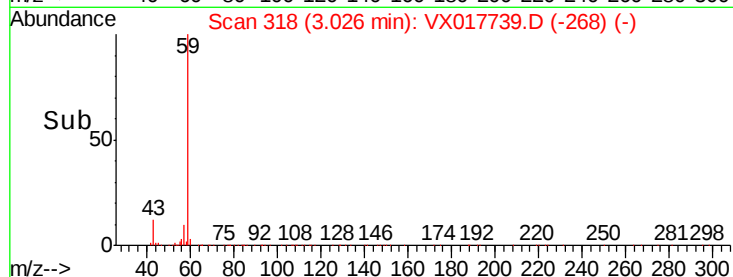
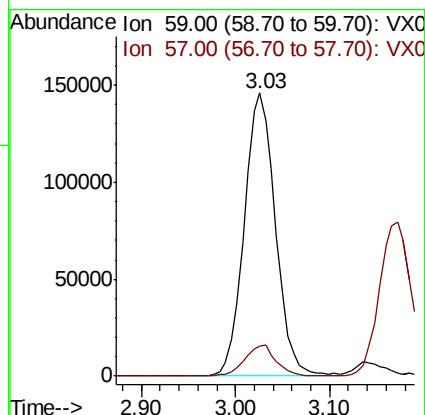
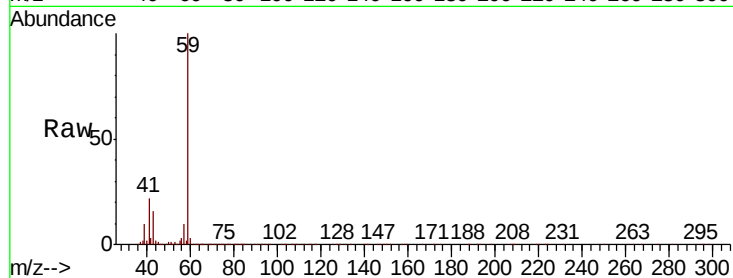


#11

Tert butyl alcohol
Concen: 250.178 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

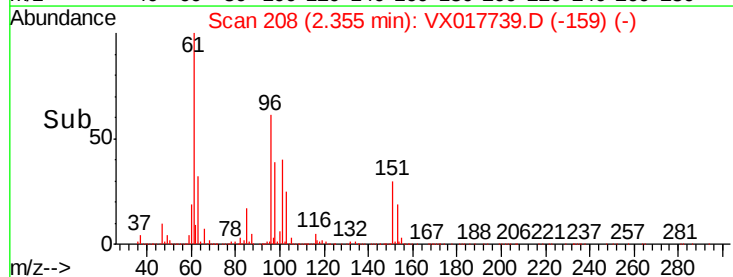
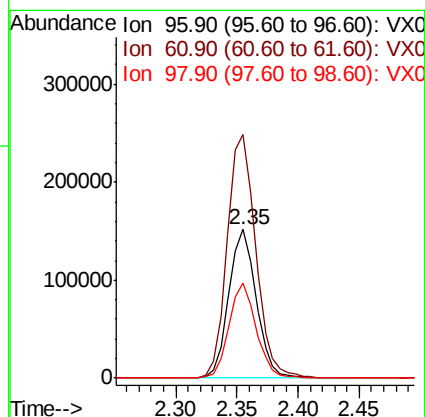
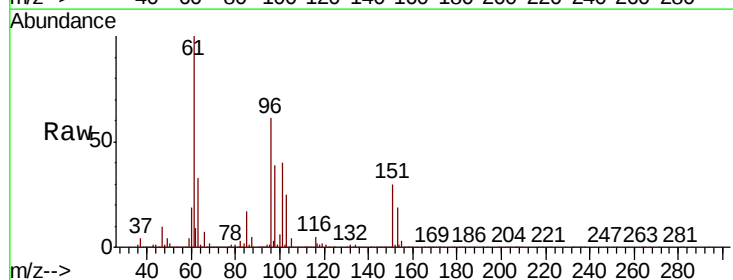
Tot Ion: 59 Resp: 338092
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

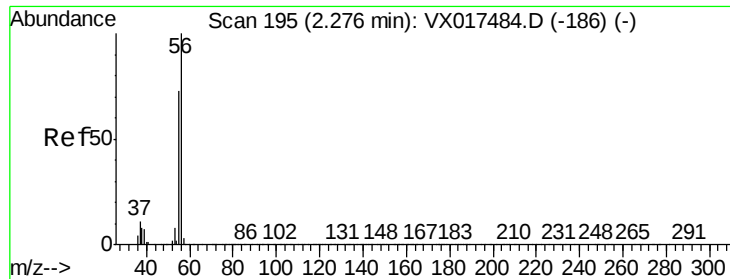


#12

1,1-Dichloroethene
Concen: 45.466 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 96 Resp: 234422
Ion Ratio Lower Upper
96 100
61 163.9 134.0 201.0
98 64.1 51.0 76.4





#13

Acrolein

Concen: 256.679 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

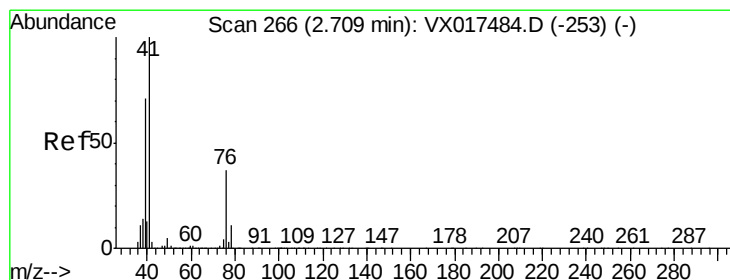
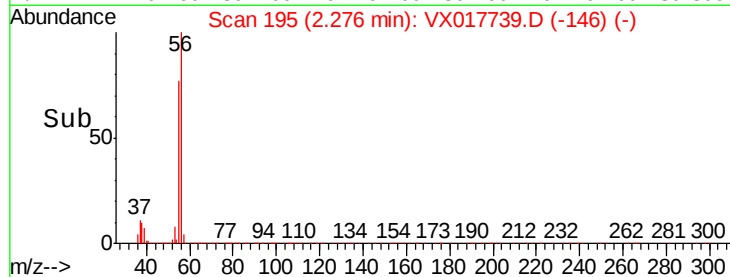
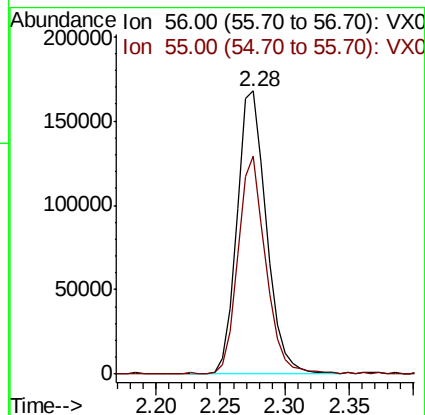
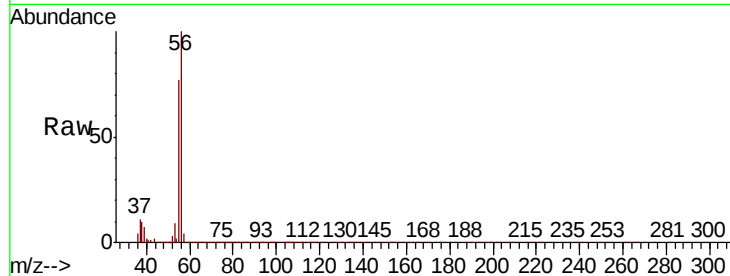
VSTDCCC050EC

Tot Ion: 56 Resp: 264953

Ion Ratio Lower Upper

56 100

55 72.8 57.4 86.2



#14

Allyl chloride

Concen: 46.269 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

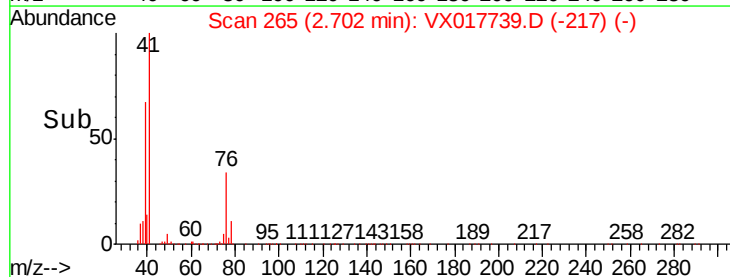
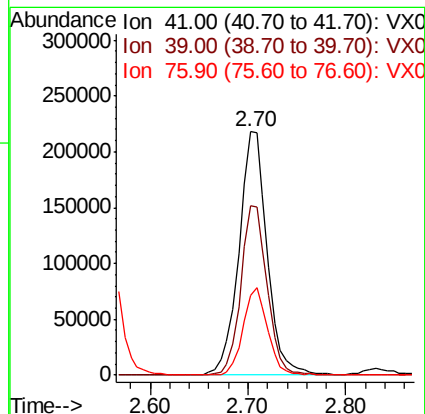
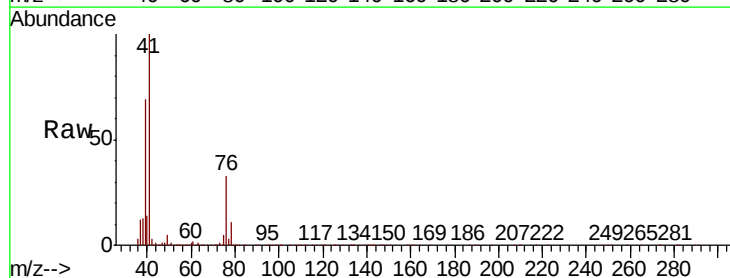
Tgt Ion: 41 Resp: 435606

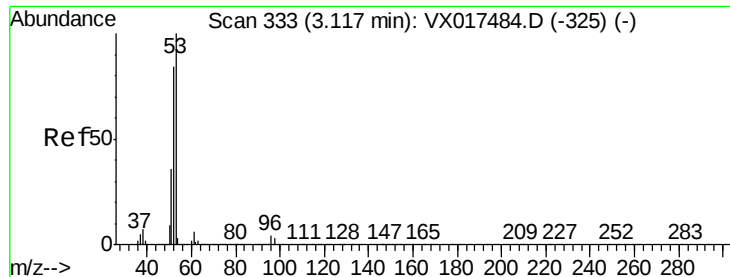
Ion Ratio Lower Upper

41 100

39 64.6 51.9 77.9

76 30.9 25.5 38.3





#15

Acrylonitrile

Concen: 259.091 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

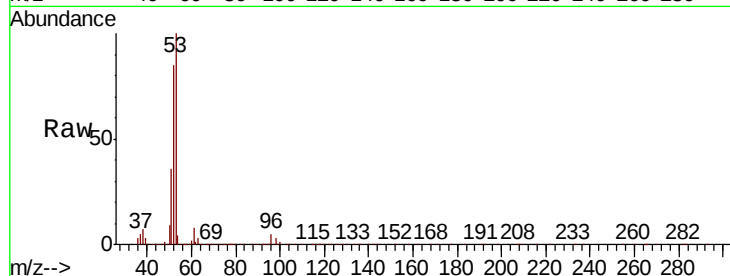
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 756256

Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	99.8
51	36.8	29.4	44.2

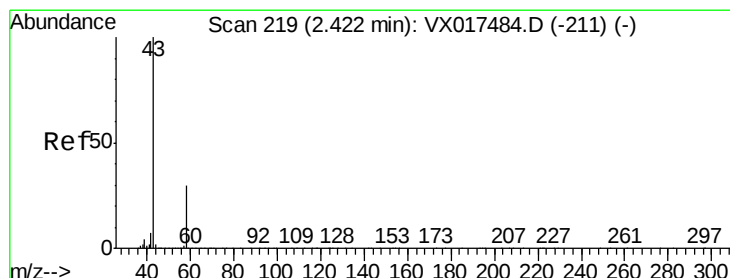
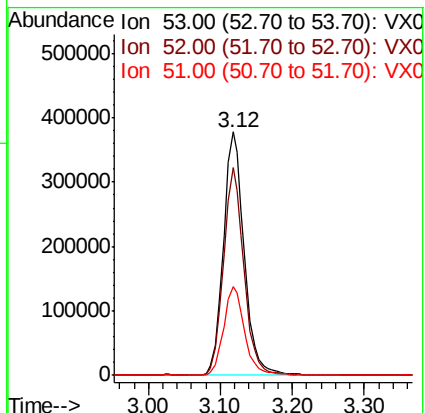
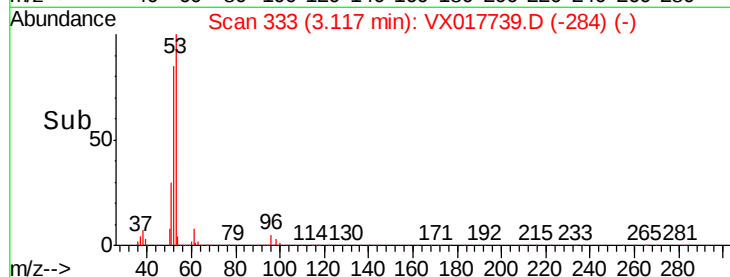


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 249.289 ug/l

RT: 2.42 min Scan# 219

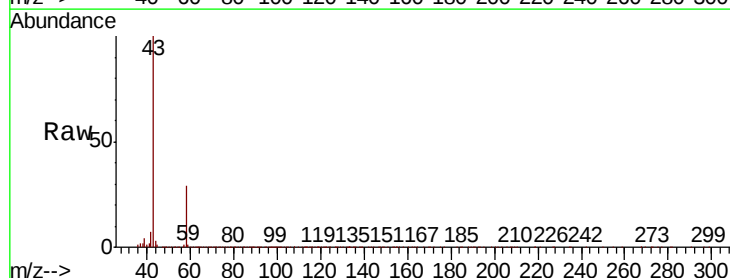
Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion: 43 Resp: 703542

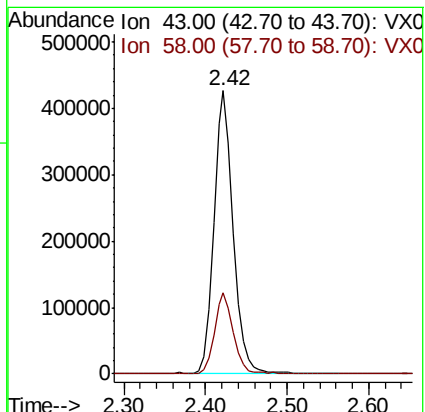
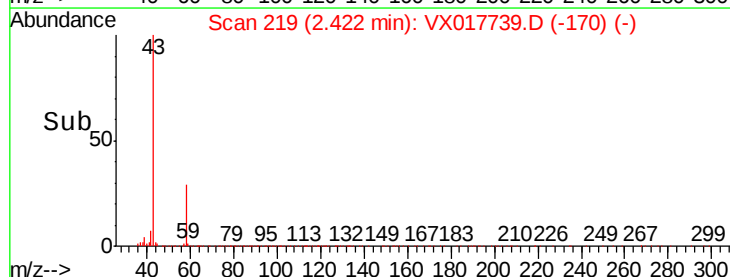
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.2	36.4

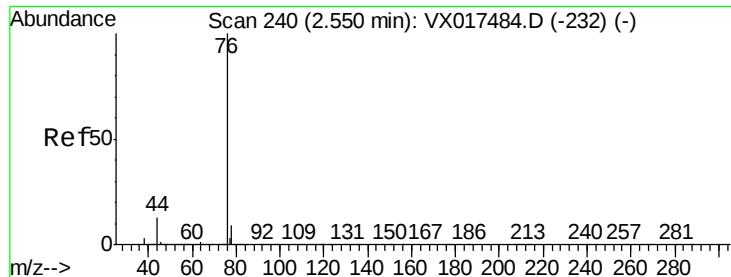


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.335 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

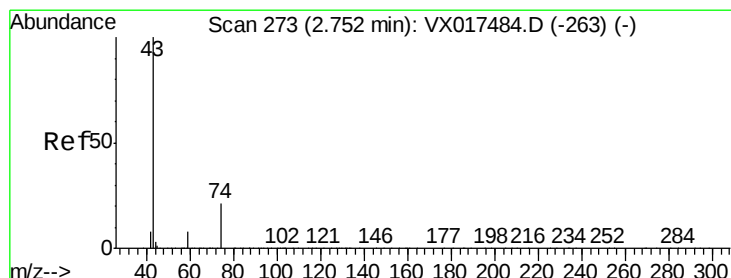
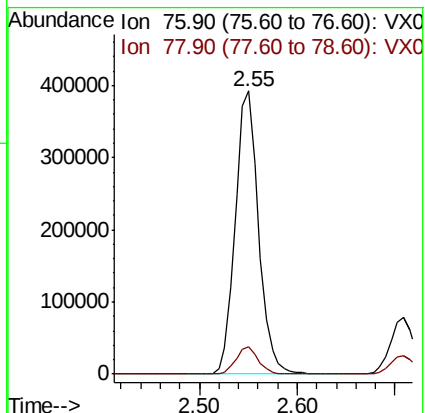
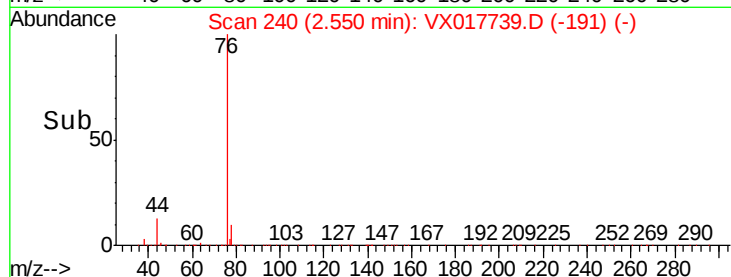
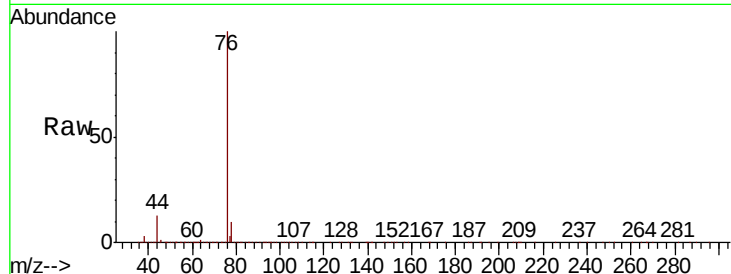
VSTDCCC050EC

Tot Ion: 76 Resp: 647781

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3



#18

Methyl Acetate

Concen: 54.006 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017739.D

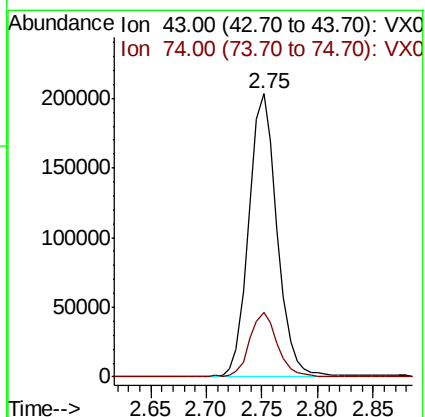
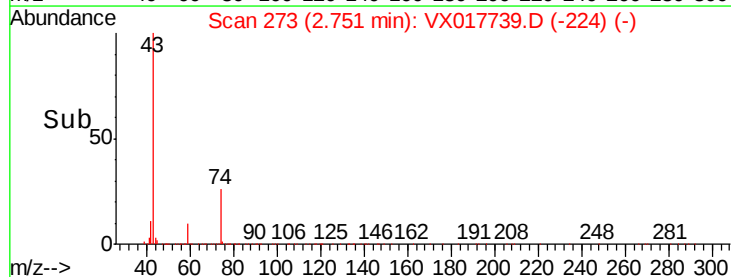
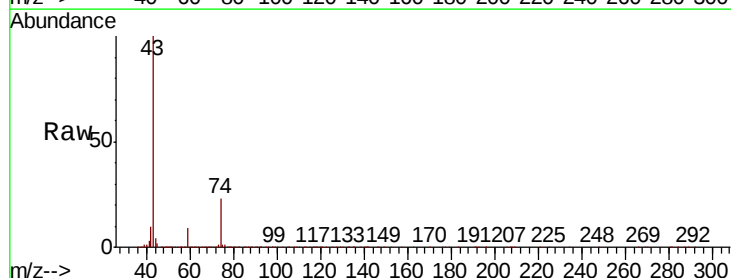
Acq: 01 Aug 2020 06:41

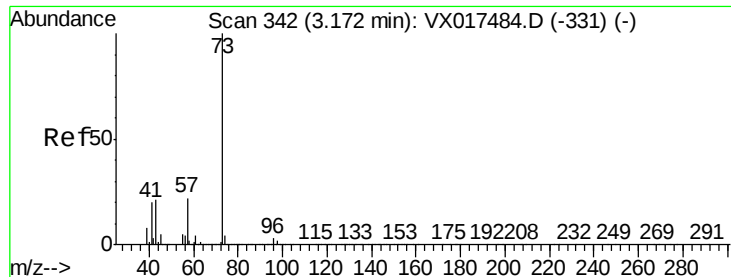
Tgt Ion: 43 Resp: 358960

Ion Ratio Lower Upper

43 100

74 22.8 17.5 26.3



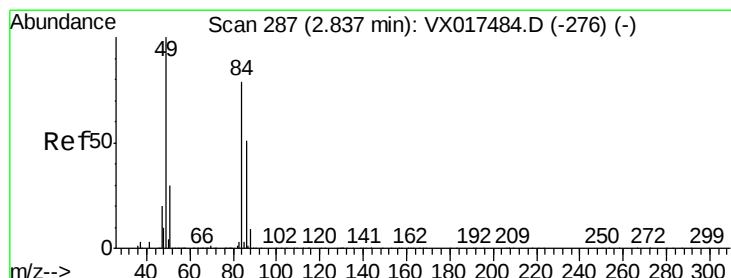
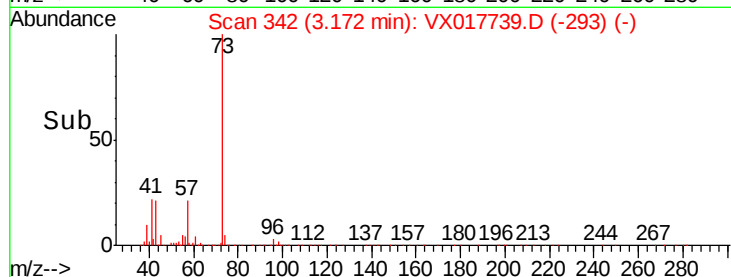
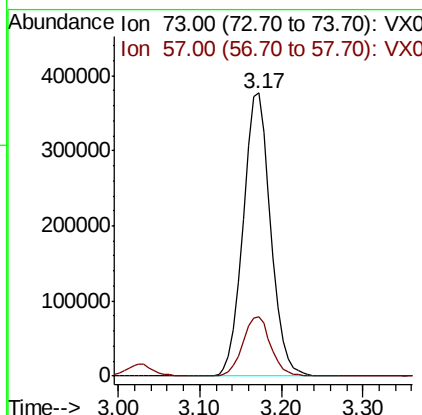
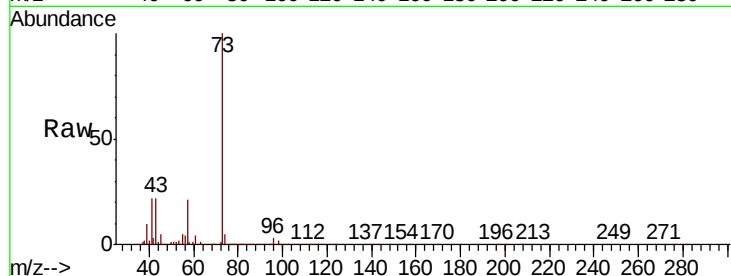


#19

Methyl tert-butyl Ether
 Concen: 49.348 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

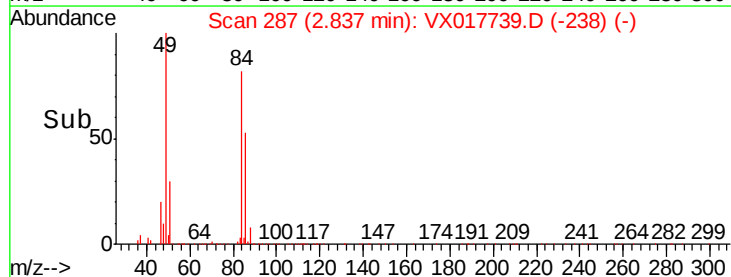
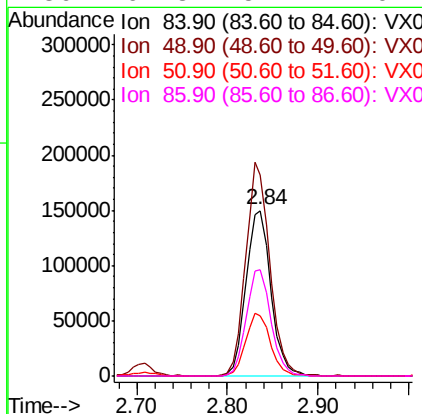
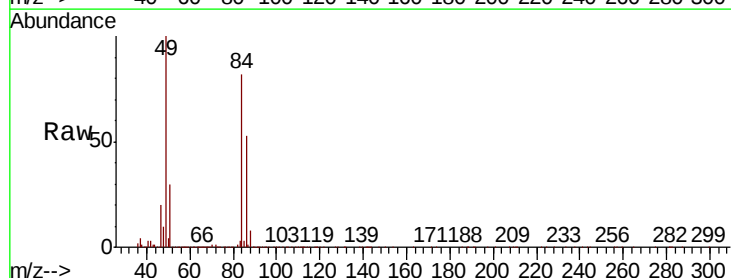
Tot Ion: 73 Resp: 880641
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.0 25.4

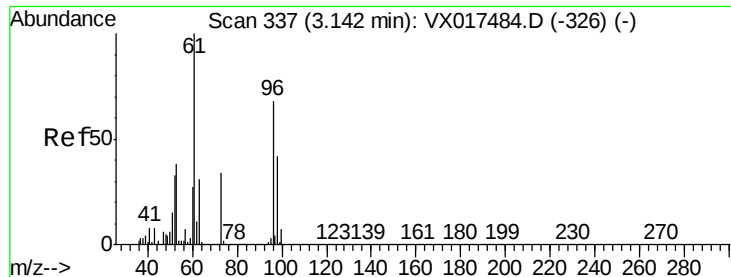


#20

Methylene Chloride
 Concen: 53.775 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Tgt Ion: 84 Resp: 285313
 Ion Ratio Lower Upper
 84 100
 49 121.6 100.3 150.5
 51 36.2 30.5 45.7
 86 64.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.022 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

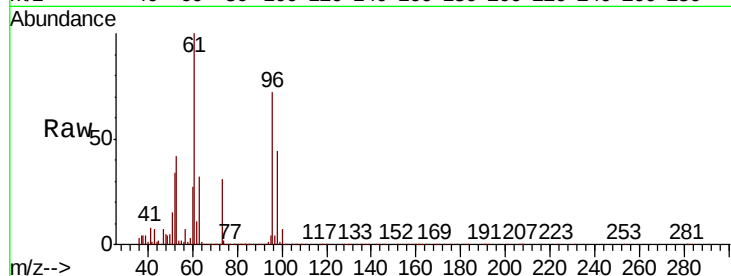
Tot Ion: 96 Resp: 265247

Ion Ratio Lower Upper

96 100

61 139.3 113.0 169.4

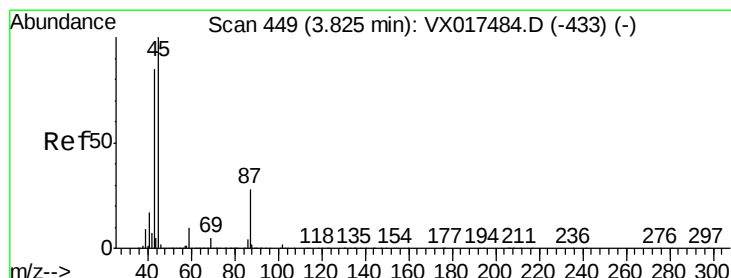
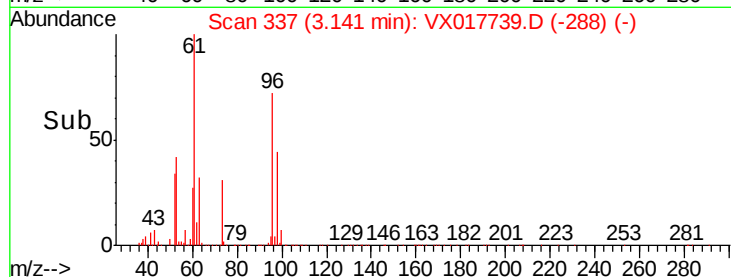
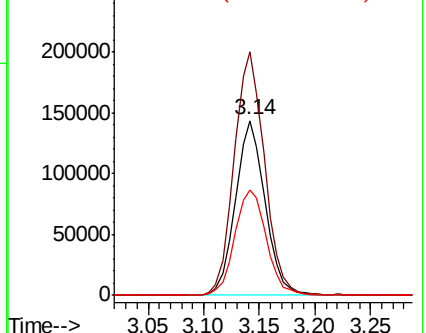
98 60.7 51.8 77.8



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: 52.081 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion: 45 Resp: 896526

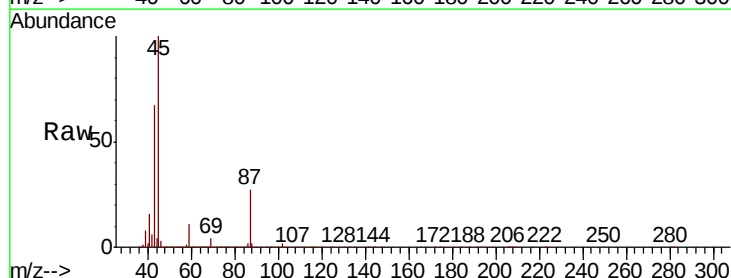
Ion Ratio Lower Upper

45 100

43 66.7 52.0 78.0

87 27.3 22.2 33.4

59 11.3 8.9 13.3

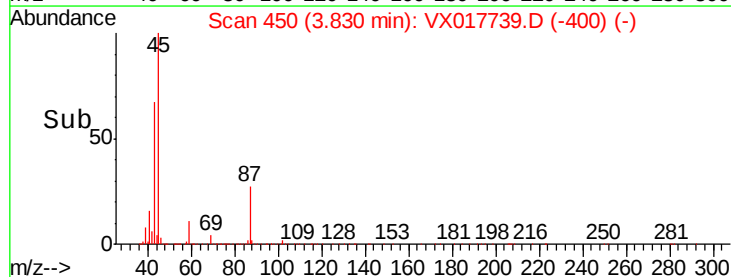
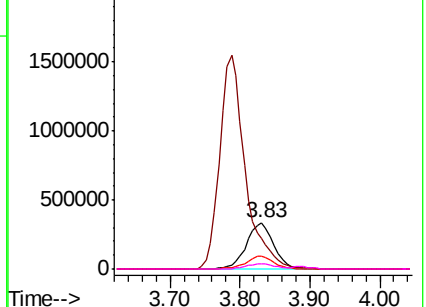


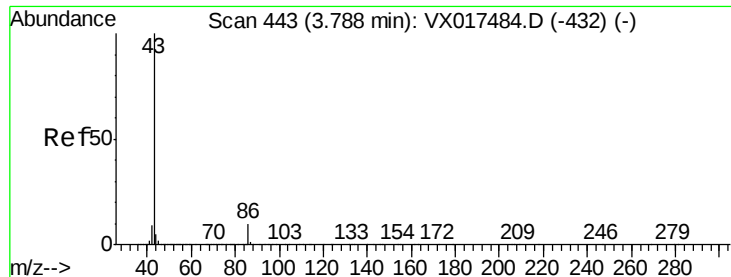
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 256.555 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

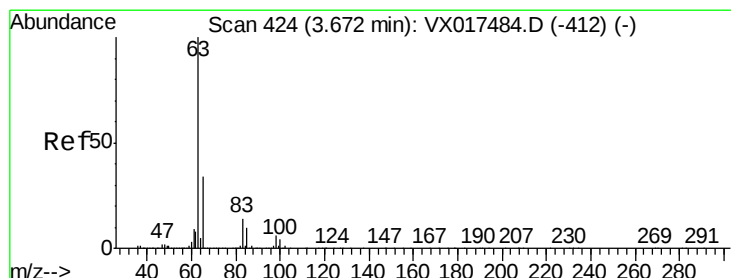
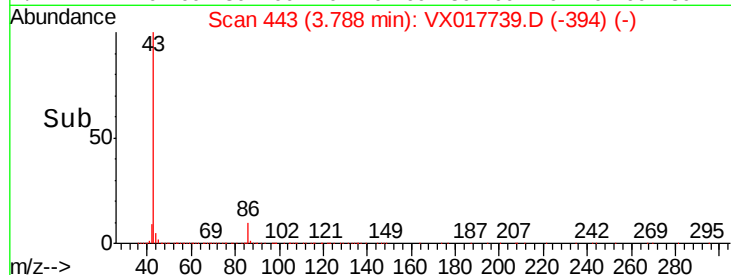
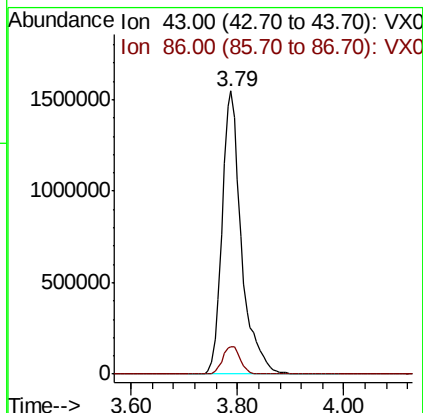
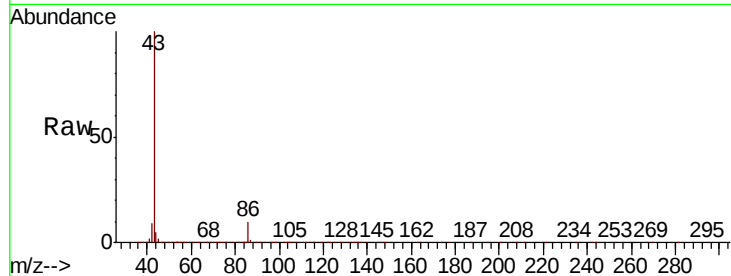
VSTDCCC050EC

Tot Ion: 43 Resp: 3937764

Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.4



#24

1,1-Dichloroethane

Concen: 50.316 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

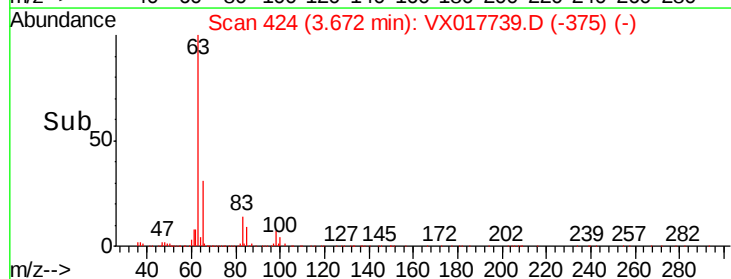
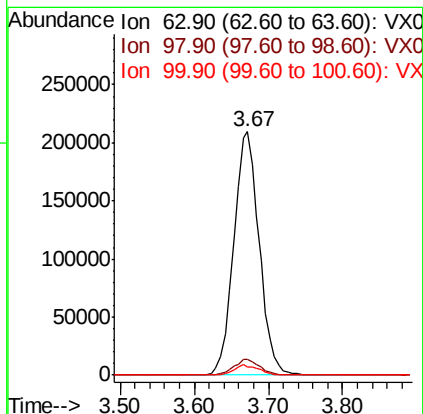
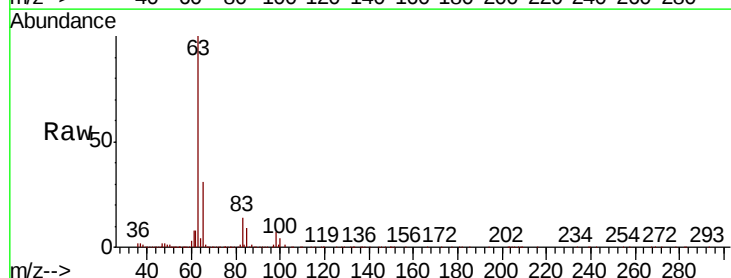
Tgt Ion: 63 Resp: 498948

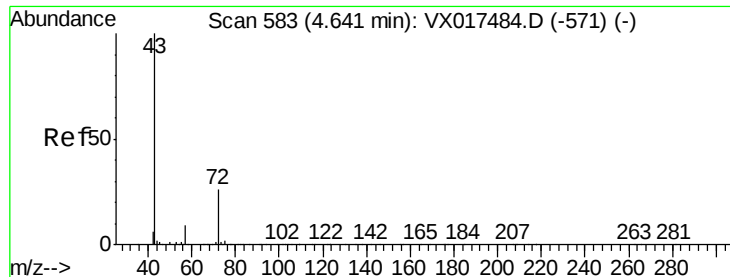
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 3.5 1.9 5.7

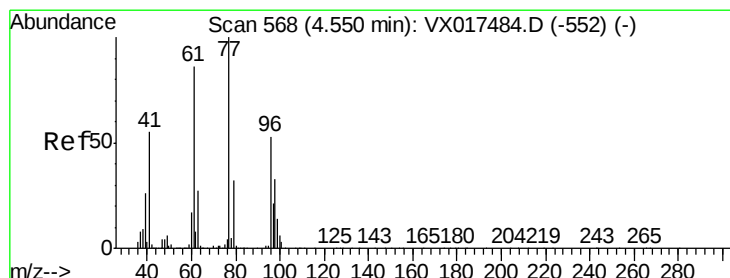
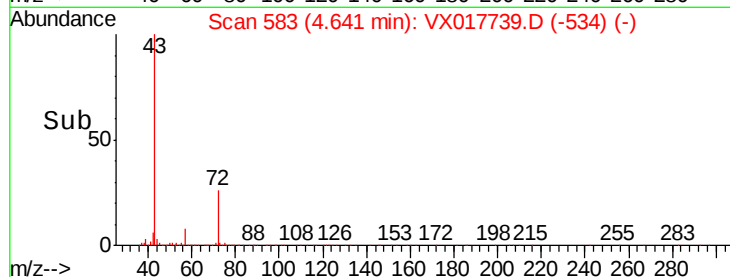
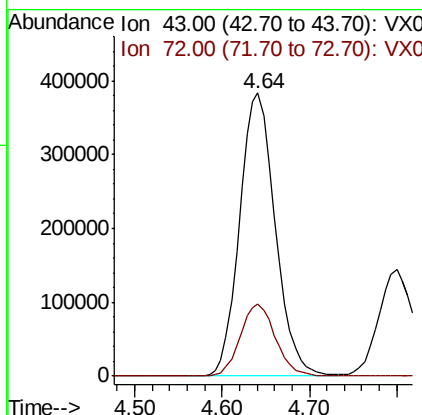
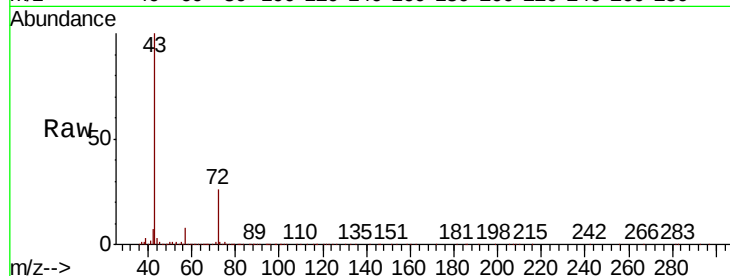




#25
2-Butanone
Concen: 269.815 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

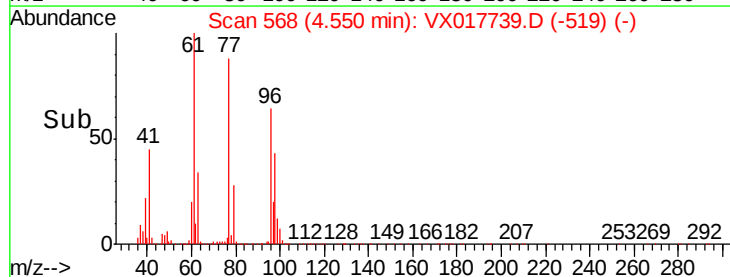
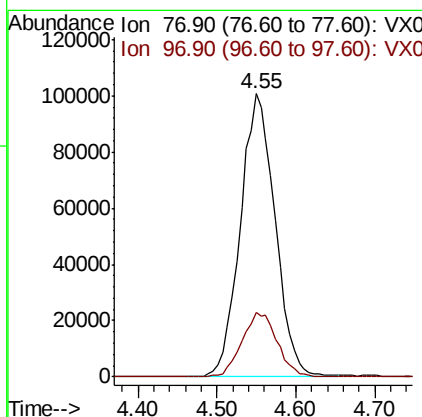
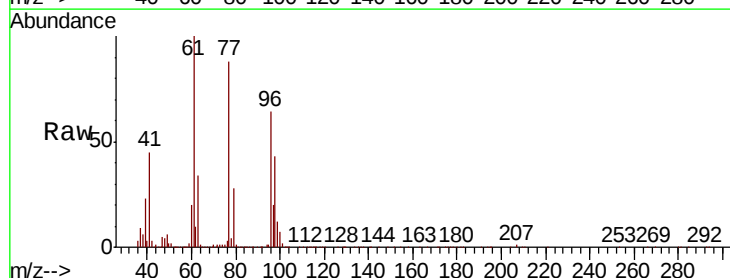
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

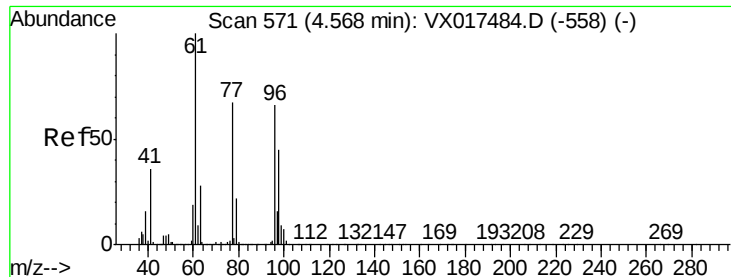
Tot Ion: 43 Resp: 1081749
Ion Ratio Lower Upper
43 100
72 25.4 19.0 28.4



#26
2,2-Dichloropropane
Concen: 34.616 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 77 Resp: 307267
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9



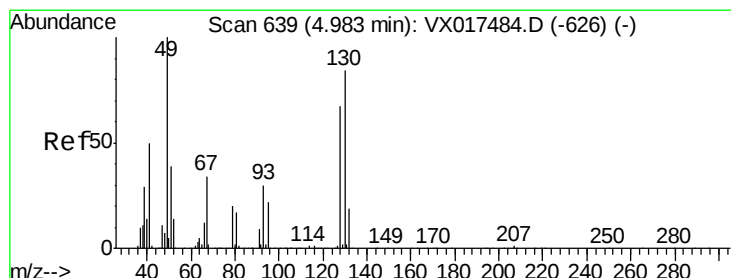
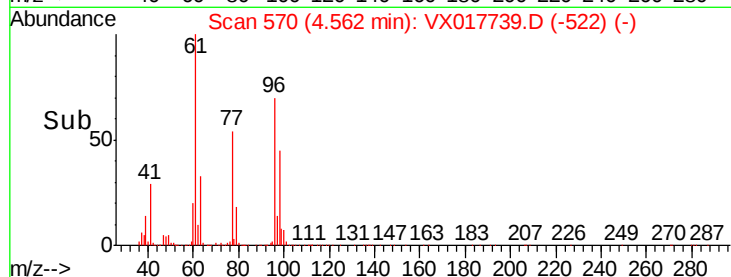
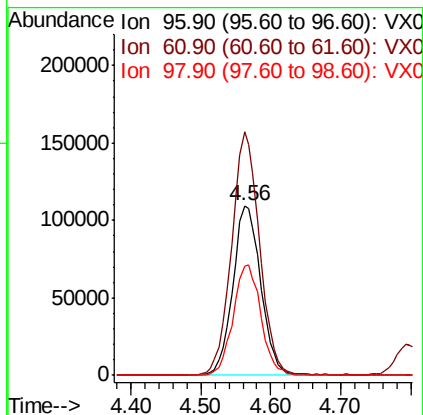
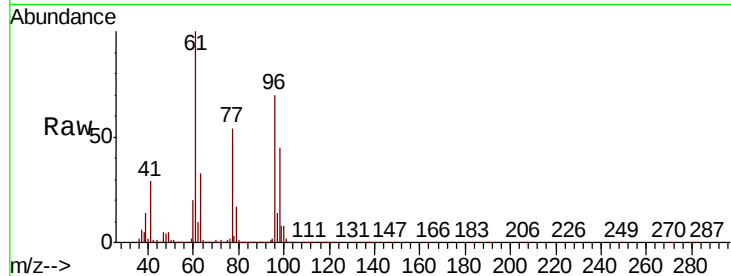


#27

cis-1,2-Dichloroethene
Concen: 50.592 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

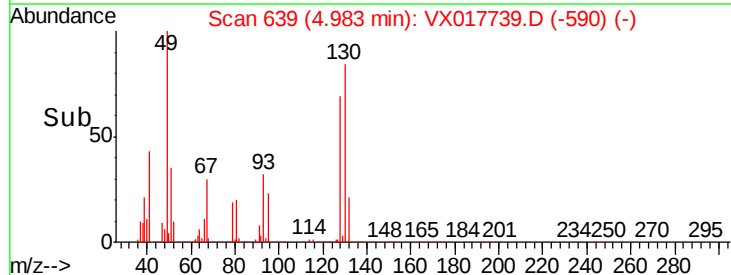
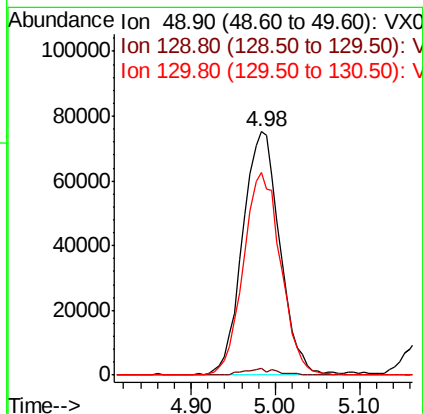
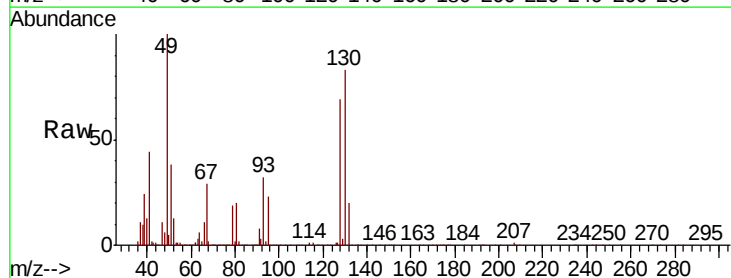
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	301.2
98	64.8	0.0	130.0

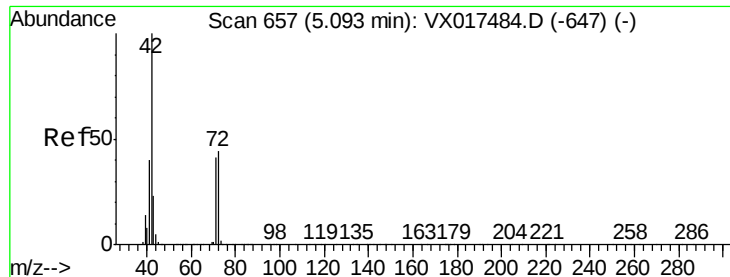


#28

Bromochloromethane
Concen: 50.059 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	83.8	66.7	100.1





#29

Tetrahydrofuran

Concen: 280.287 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

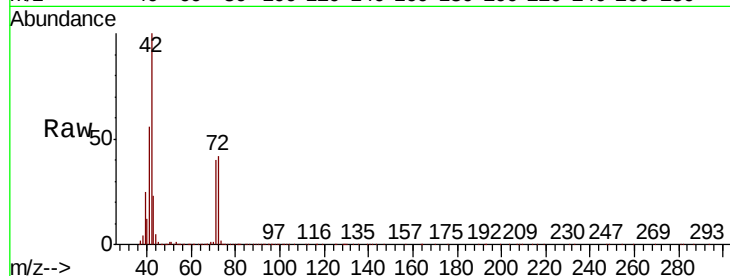
Tot Ion: 42 Resp: 696069

Ion Ratio Lower Upper

42 100

72 43.2 35.5 53.3

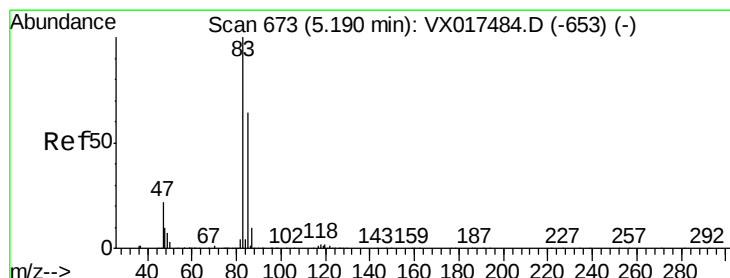
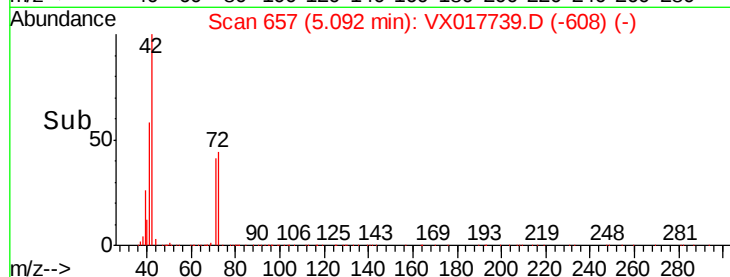
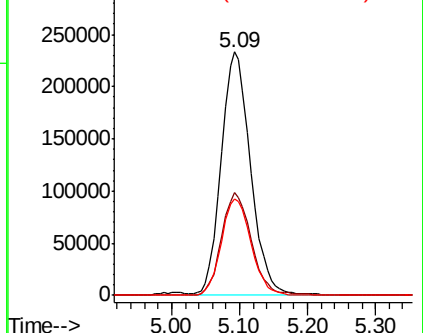
71 40.3 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.321 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017739.D

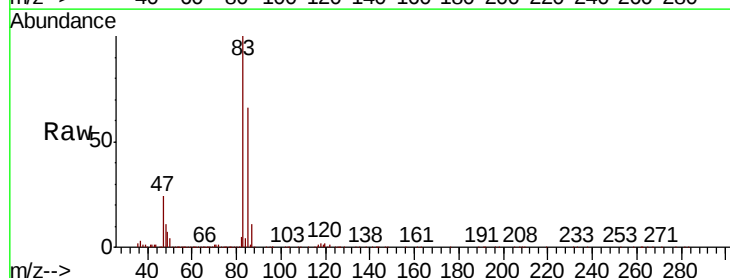
Acq: 01 Aug 2020 06:41

Tgt Ion: 83 Resp: 530133

Ion Ratio Lower Upper

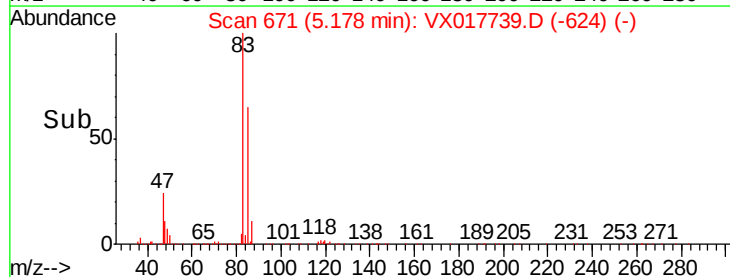
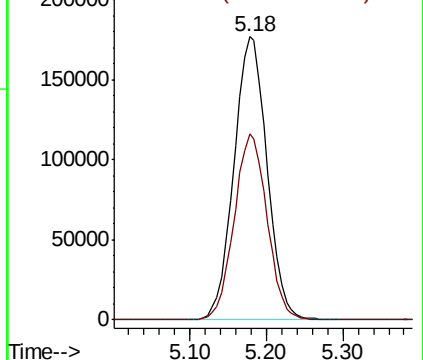
83 100

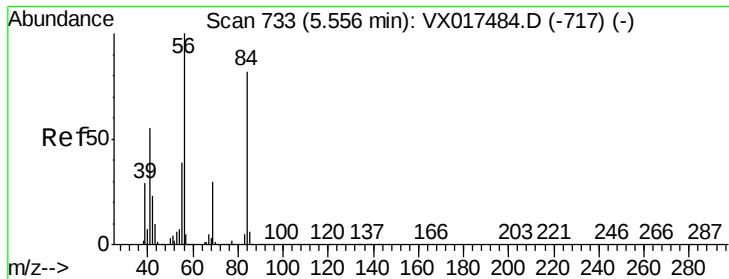
85 65.8 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.077 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

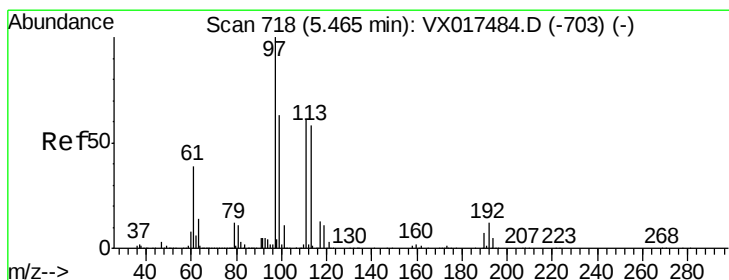
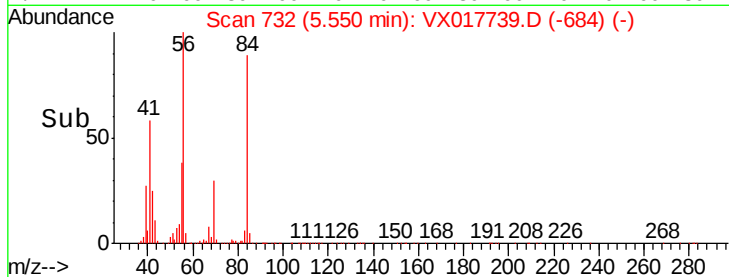
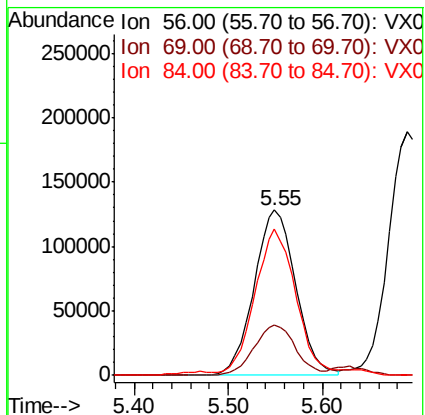
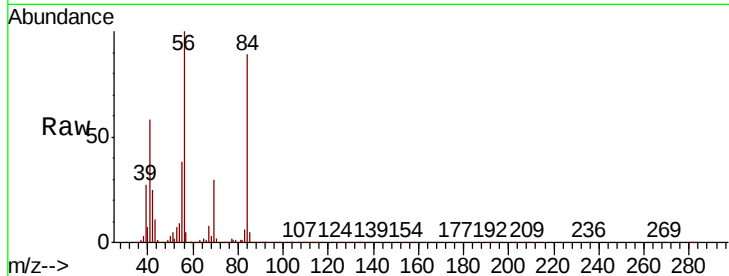
Tot Ion: 56 Resp: 396000

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 86.9 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 51.481 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

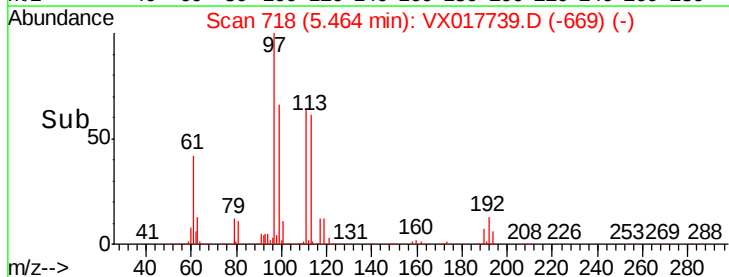
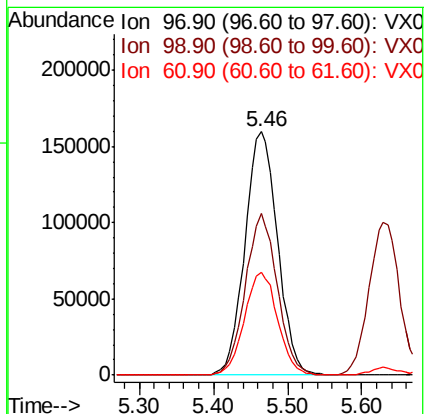
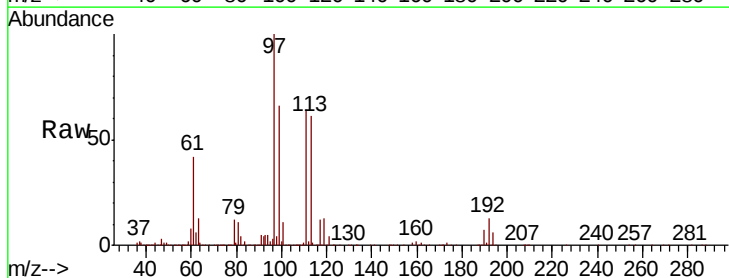
Tgt Ion: 97 Resp: 491876

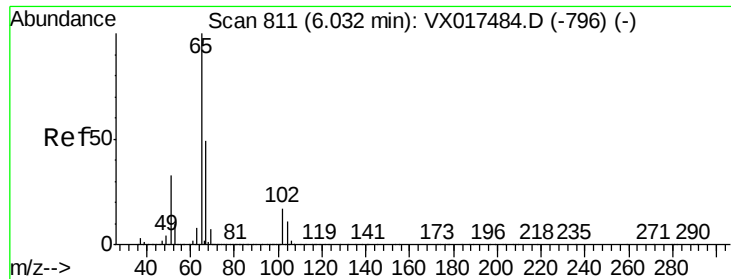
Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 42.9 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 56.557 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

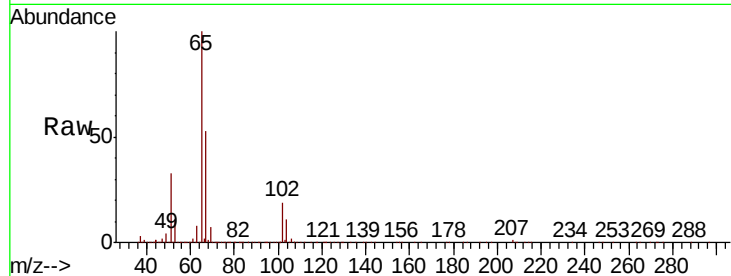
VSTDCCC050EC

Tot Ion: 65 Resp: 362651

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

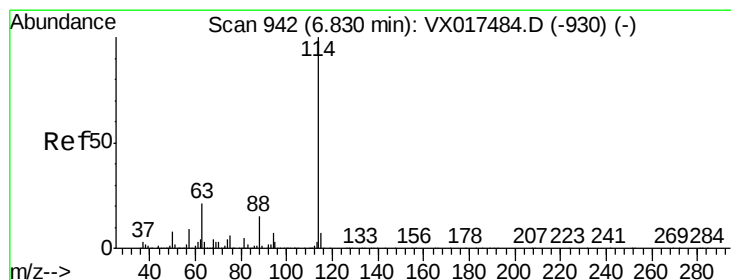
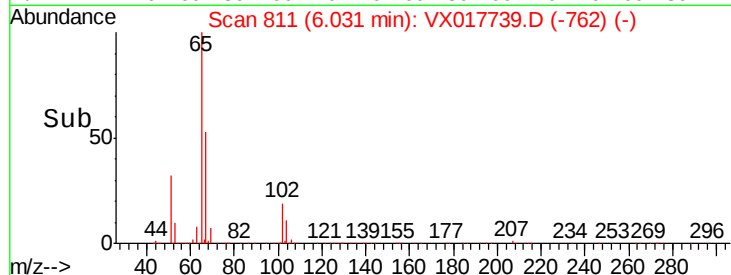
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

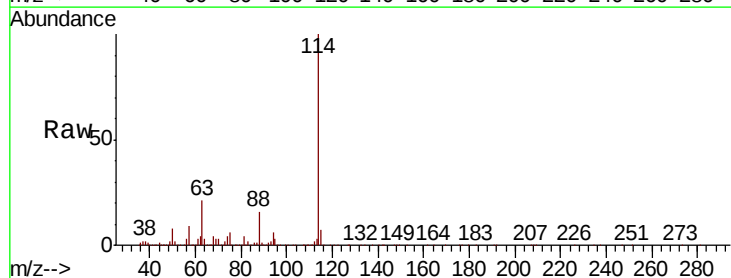
Tgt Ion: 114 Resp: 768913

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.6

88 16.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

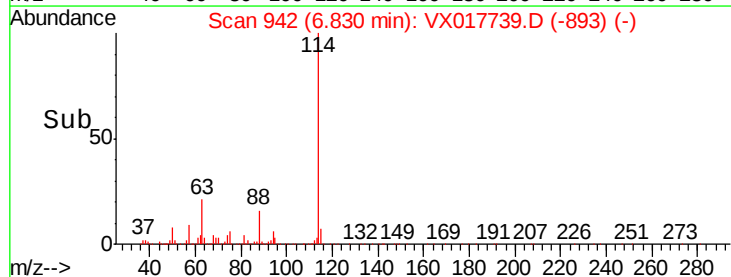
300000

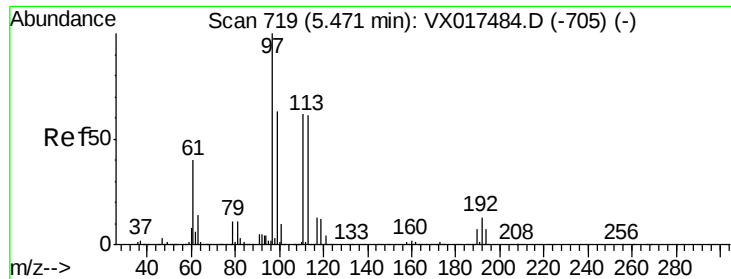
200000

100000

0

Time-->

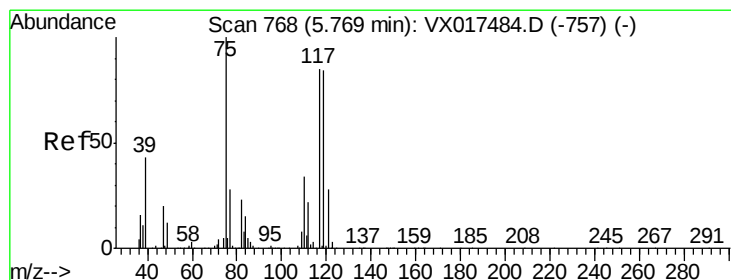
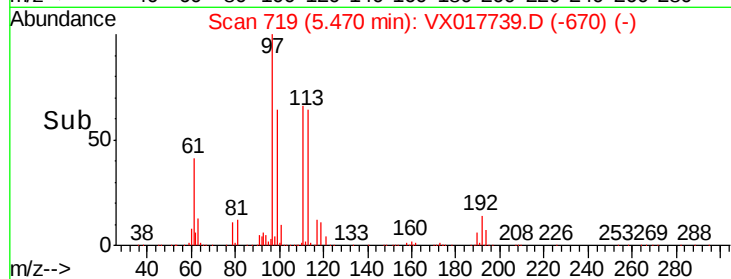
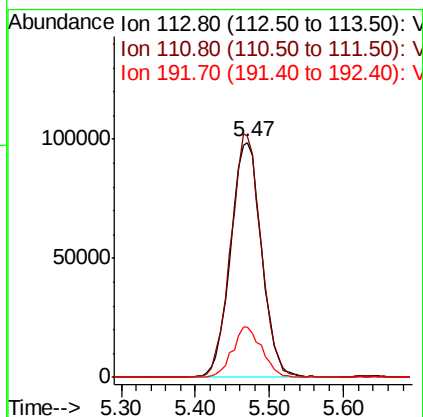
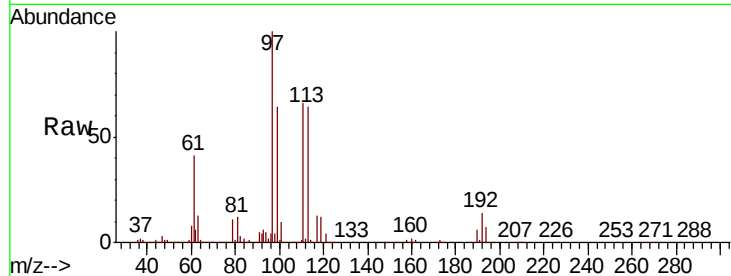




#35
 Dibromofluoromethane
 Concen: 56.099 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

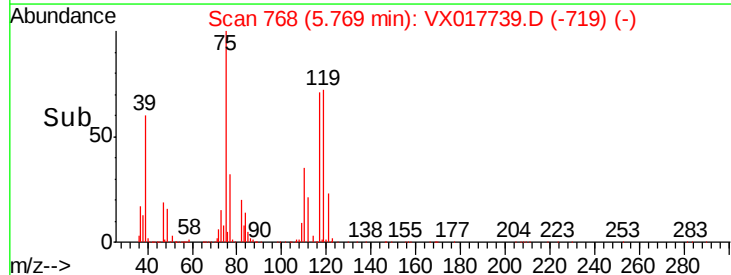
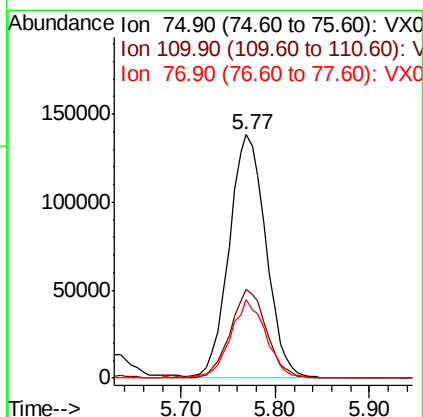
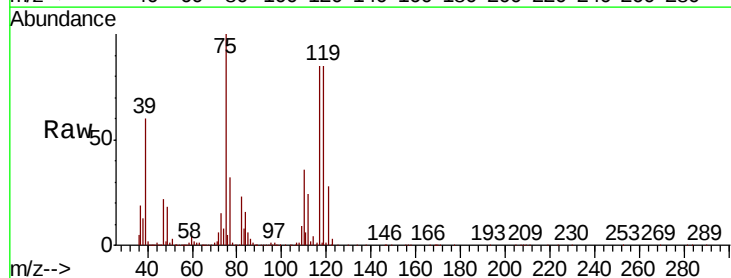
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

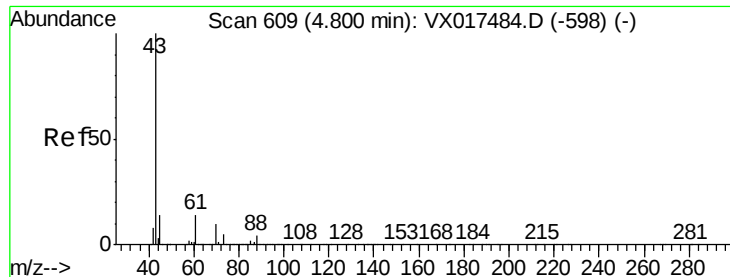
Tot Ion:113 Resp: 288491
 Ion Ratio Lower Upper
 113 100
 111 100.7 80.7 121.1
 192 20.5 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 50.624 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Tgt Ion: 75 Resp: 373329
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.1 54.3
 77 30.3 24.6 37.0

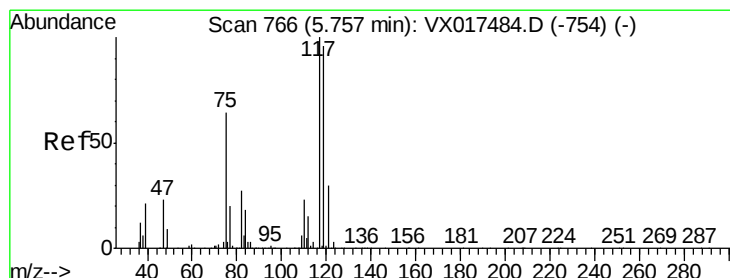
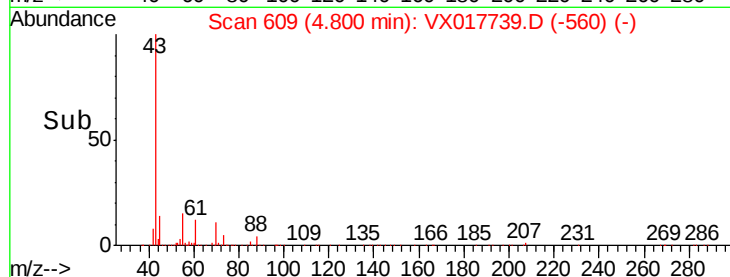
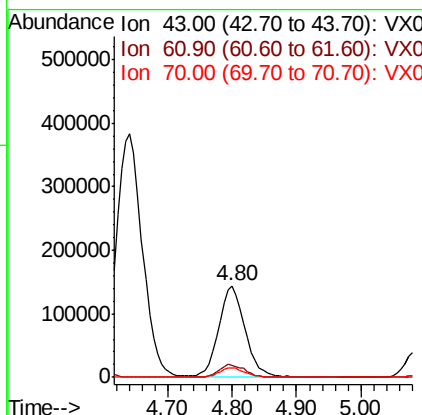
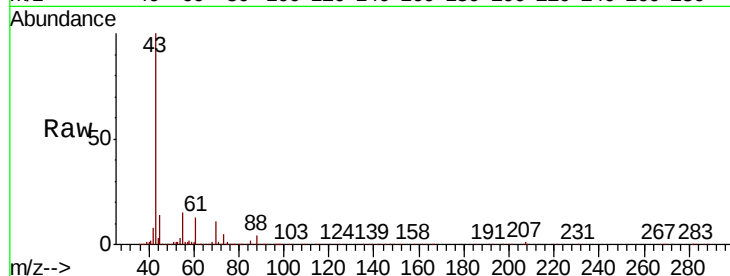




#37
Ethyl Acetate
Concen: 51.221 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

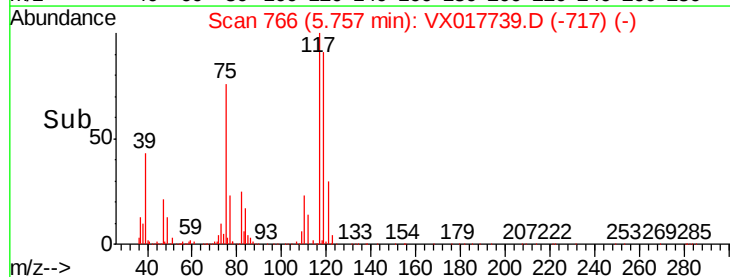
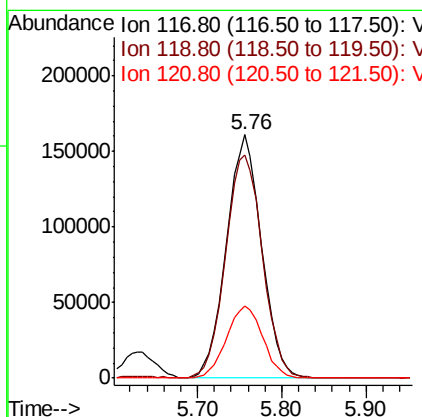
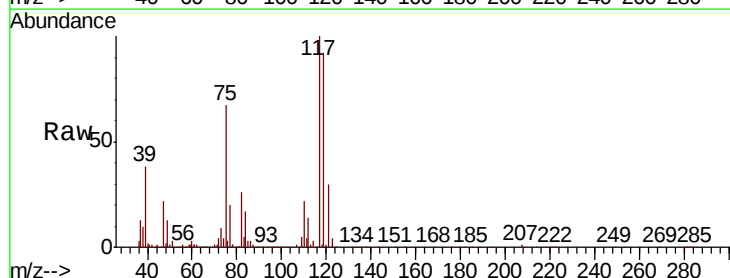
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

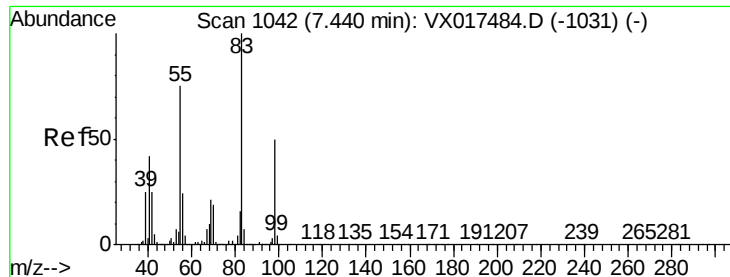
Tot Ion	43	Resp	413299
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.7	16.1
70	10.3	8.5	12.7



#38
Carbon Tetrachloride
Concen: 50.759 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	117	Resp	454571
Ion Ratio	Lower	Upper	
117	100		
119	91.5	75.4	113.0
121	29.8	24.3	36.5

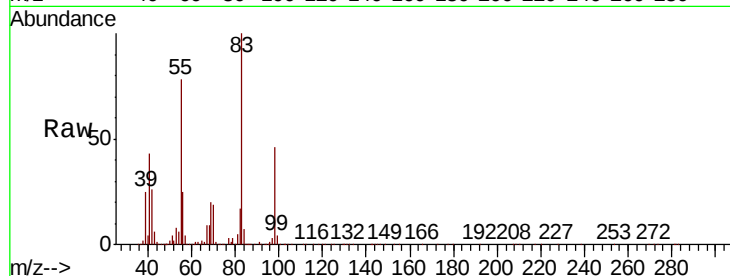




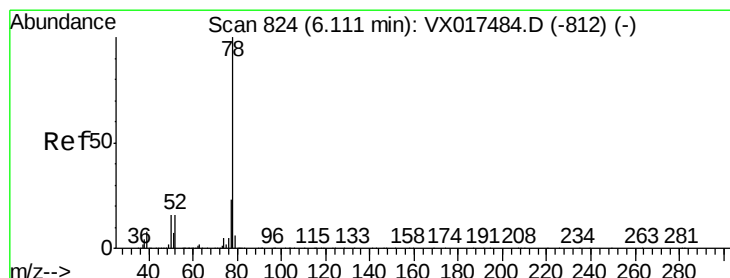
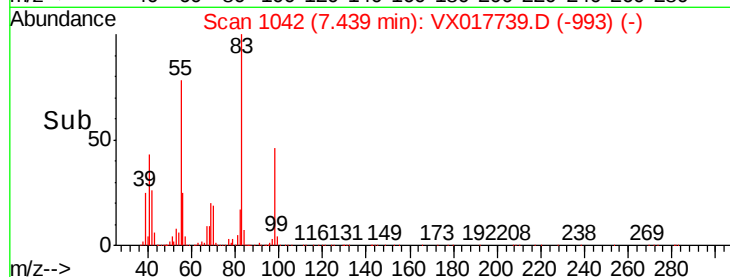
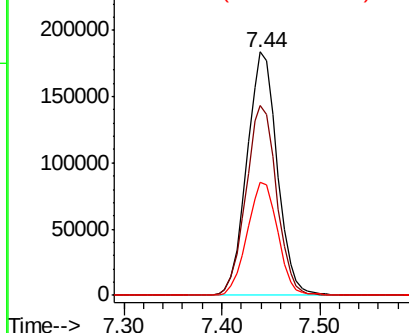
#39
Methvlcvclohexane
Concen: 45.913 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.8	92.8
98	46.4	36.9	55.3

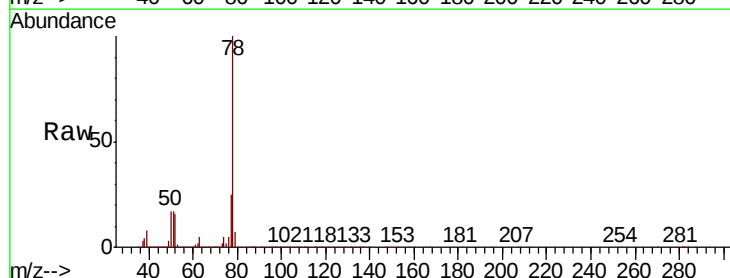


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

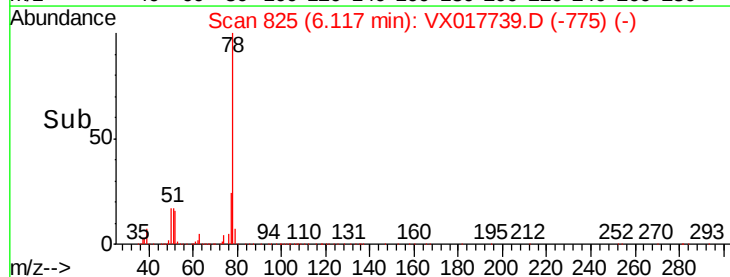
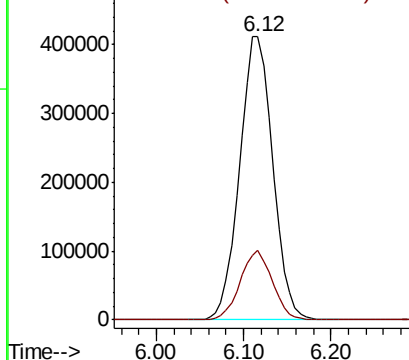


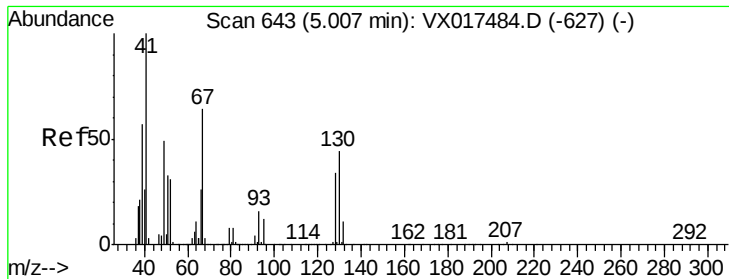
#40
Benzene
Concen: 51.373 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

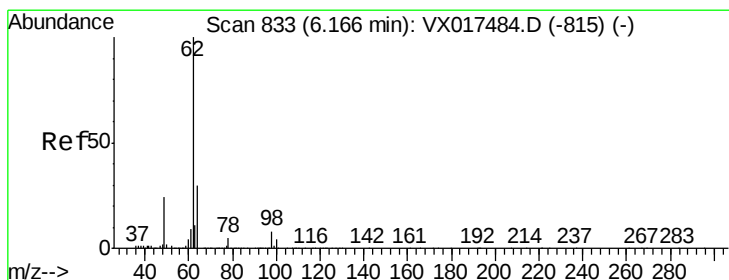
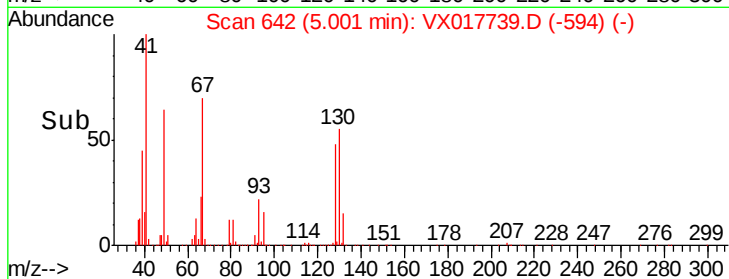
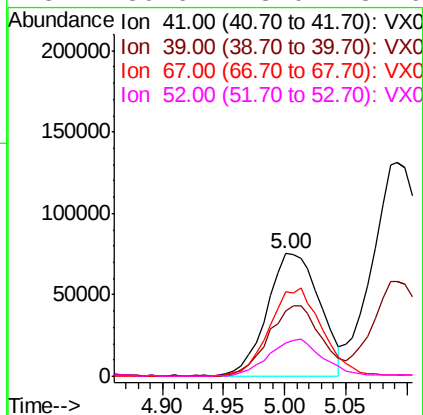
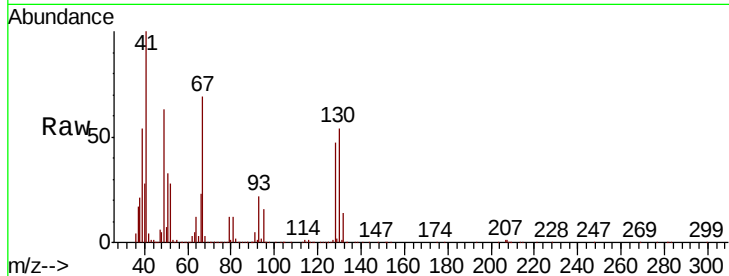




#41
Methacrylonitrile
Concen: 48.699 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

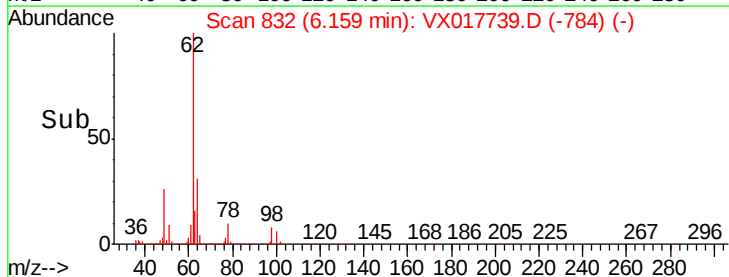
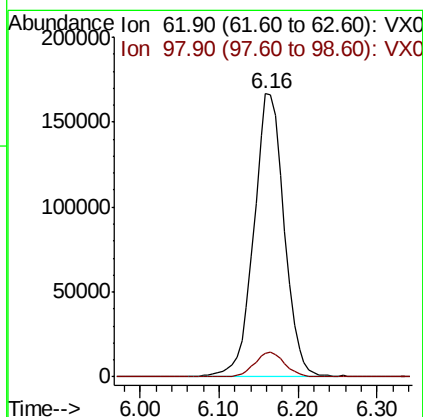
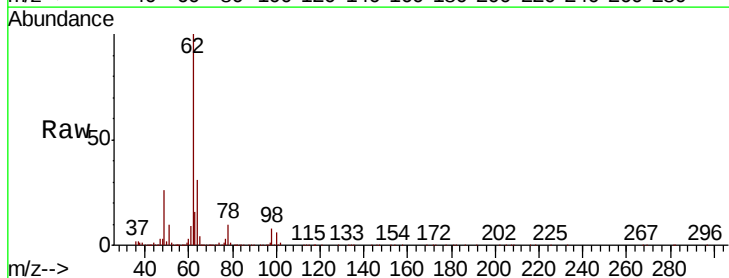
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

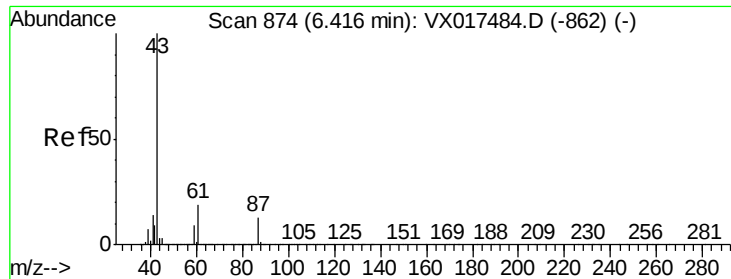
Tot Ion:	41	Resp:	225235
Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.9	65.9
67	72.6	54.0	81.0
52	30.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 51.668 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion:	62	Resp:	446902
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.0

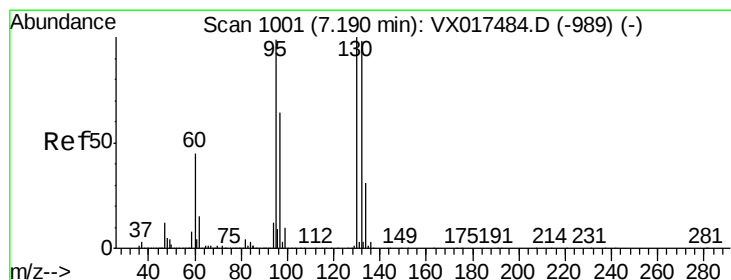
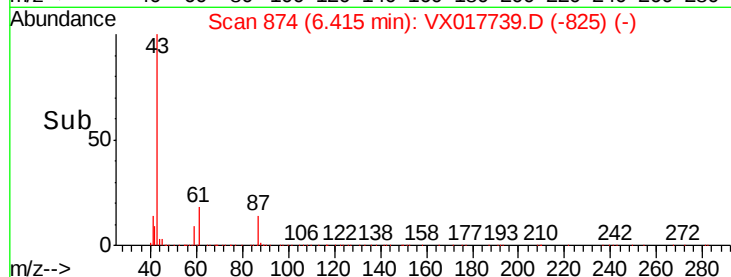
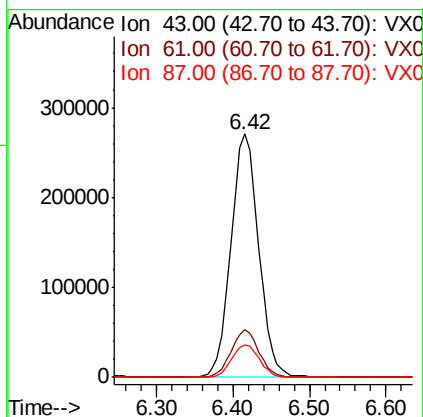
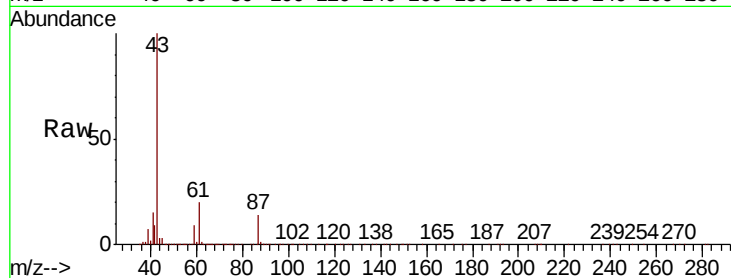




#43
Isopropyl Acetate
Concen: 50.785 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

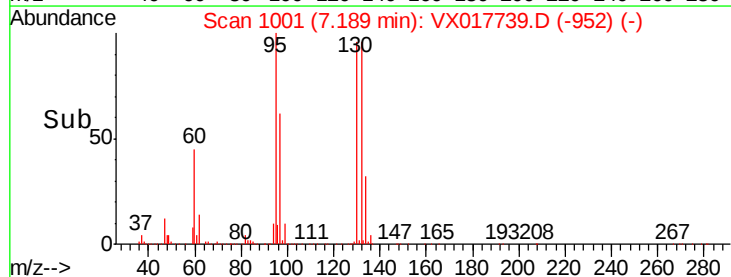
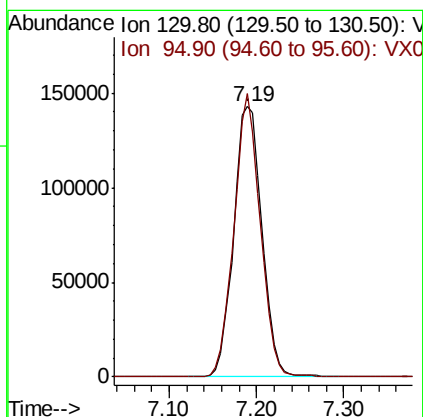
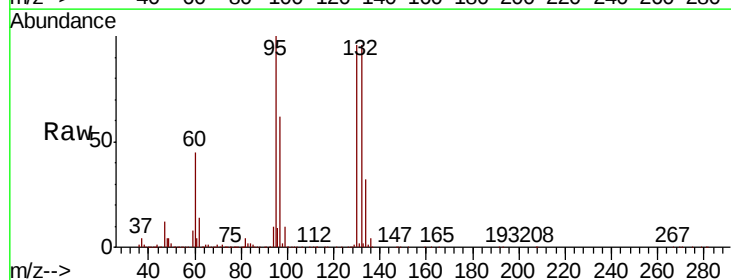
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

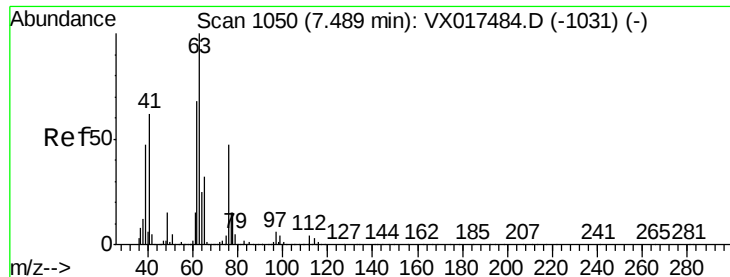
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.5	23.3
87	13.5	10.5	15.7



#44
Trichloroethene
Concen: 52.048 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	189.0





#45

1,2-Dichloropropane

Concen: 51.005 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

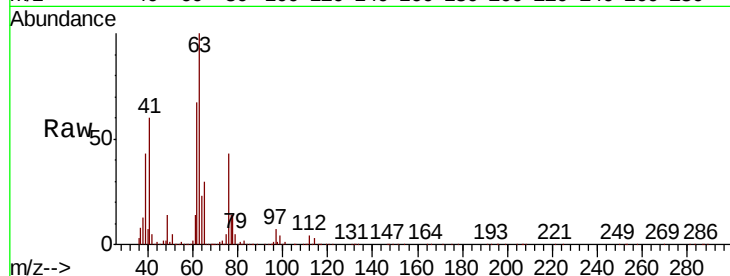
VSTDCCC050EC

Tot Ion: 63 Resp: 298944

Ion Ratio Lower Upper

63 100

65 29.8 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

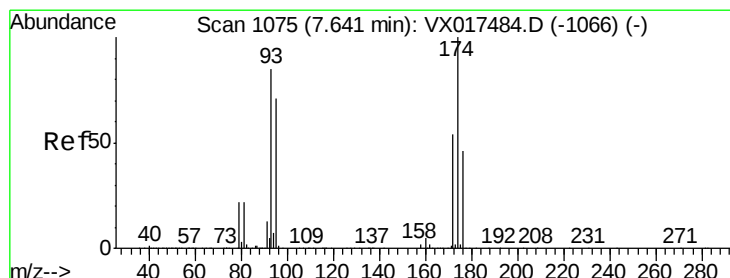
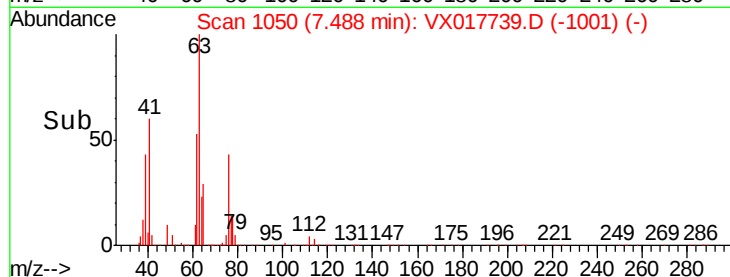
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 50.339 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

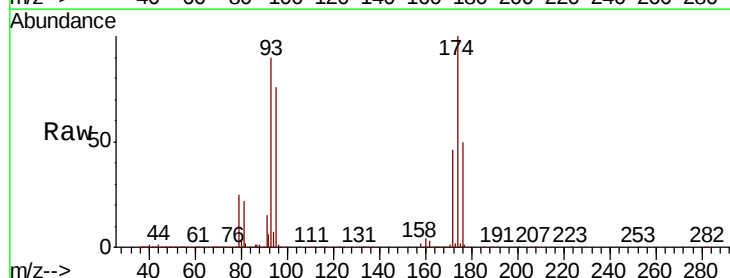
Tgt Ion: 93 Resp: 208509

Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

174 108.6 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

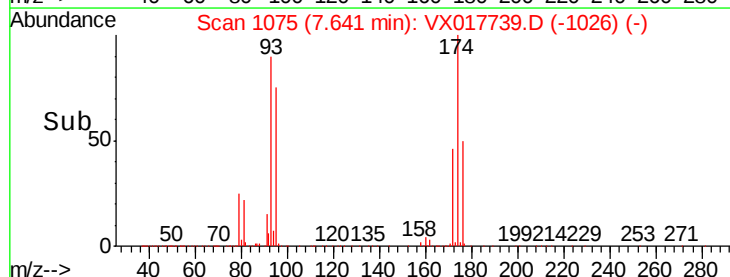
150000

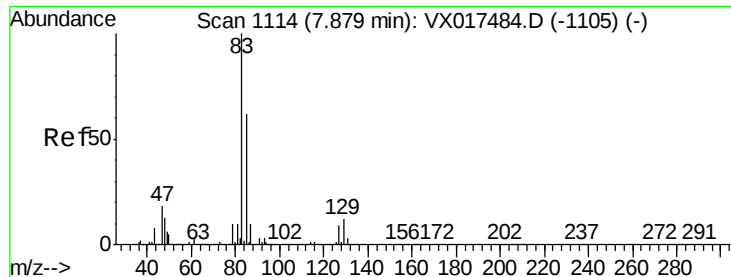
100000

50000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 53.227 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

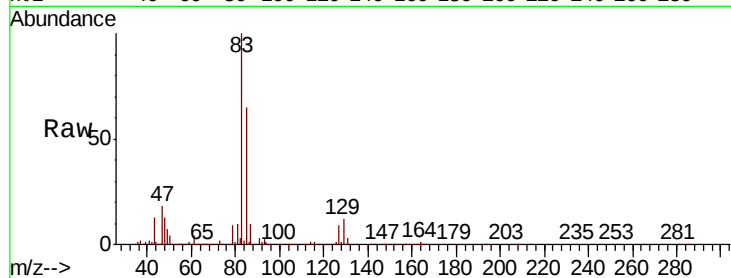
Tot Ion: 83 Resp: 443613

Ion Ratio Lower Upper

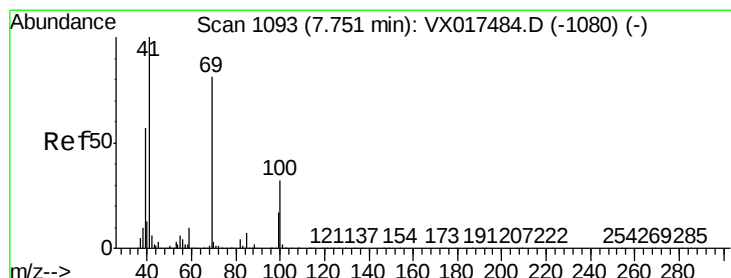
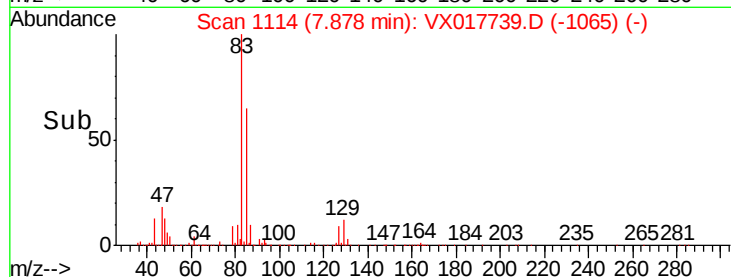
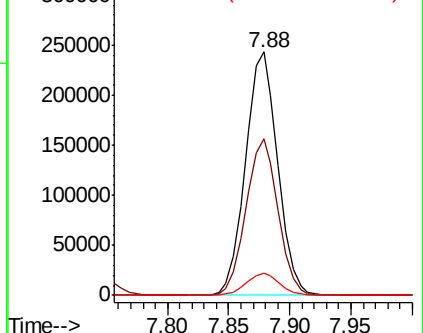
83 100

85 64.4 51.8 77.8

127 9.3 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: 52.842 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

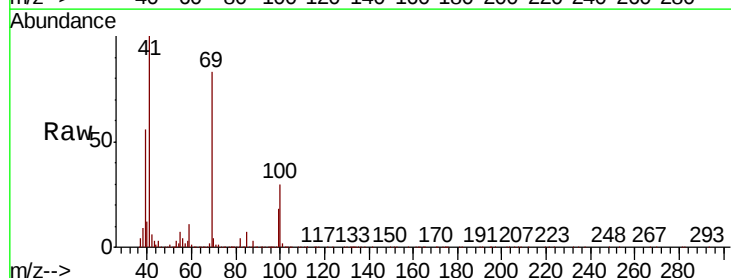
Tgt Ion: 41 Resp: 348718

Ion Ratio Lower Upper

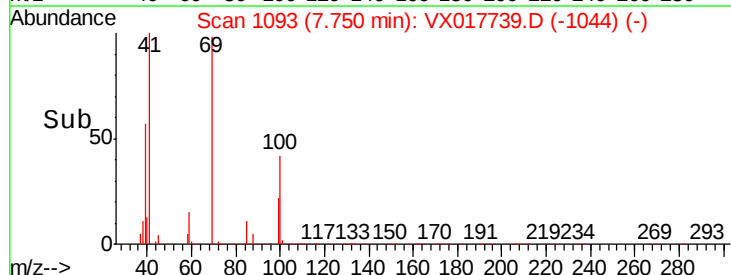
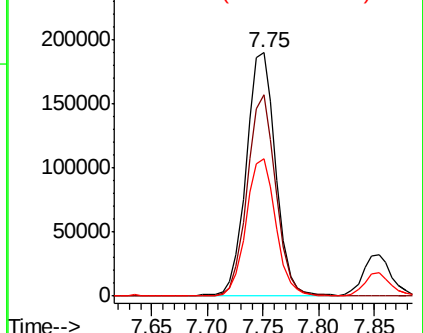
41 100

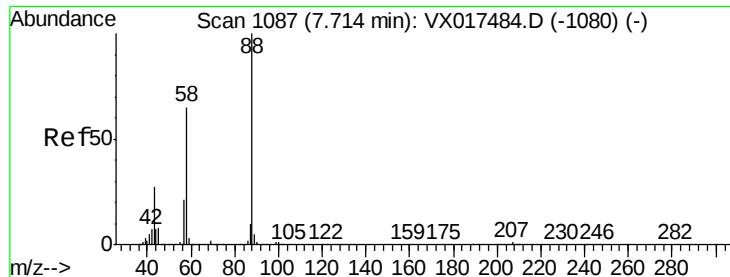
69 80.5 63.1 94.7

39 56.3 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: 1117.913 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

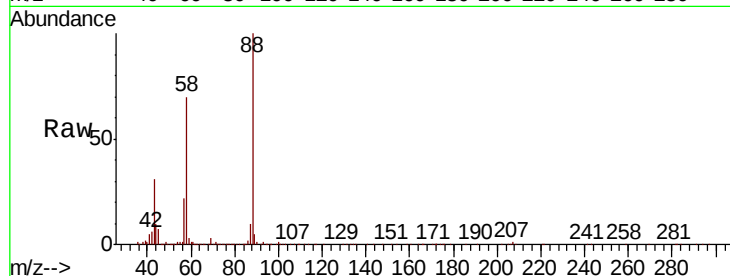
Tot Ion: 88 Resp: 141442

Ion Ratio Lower Upper

88 100

43 35.6 27.8 41.6

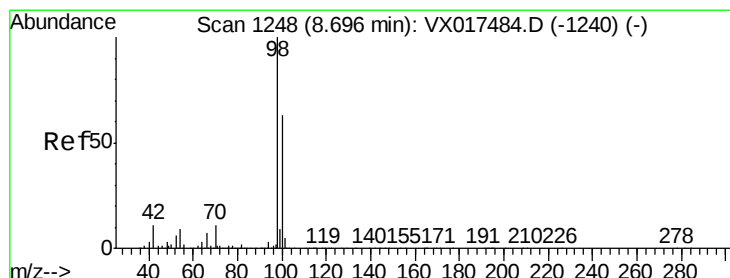
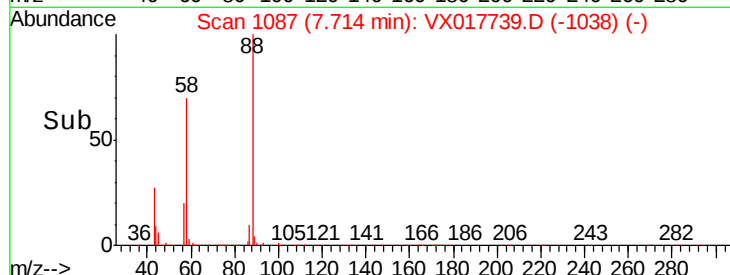
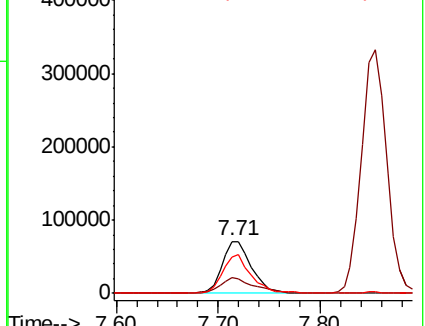
58 72.4 58.3 87.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 55.623 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017739.D

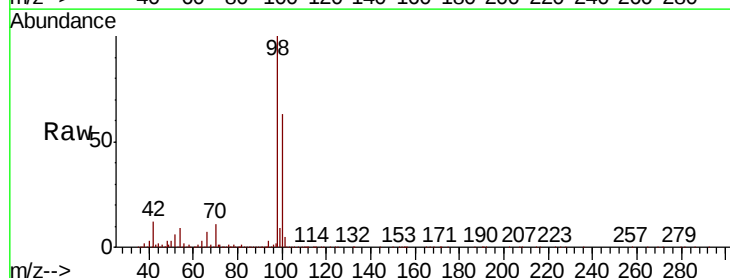
Acq: 01 Aug 2020 06:41

Tgt Ion: 98 Resp: 1031900

Ion Ratio Lower Upper

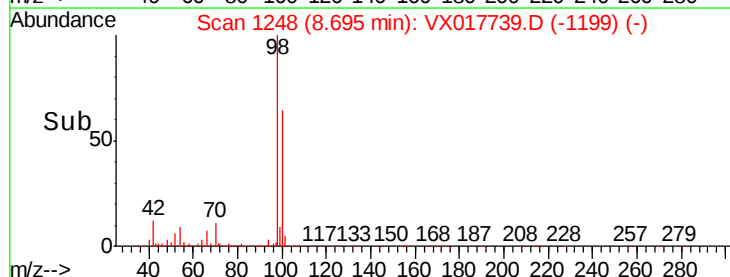
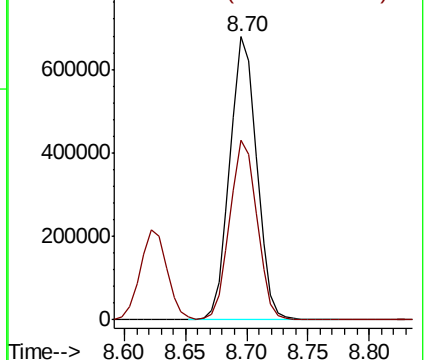
98 100

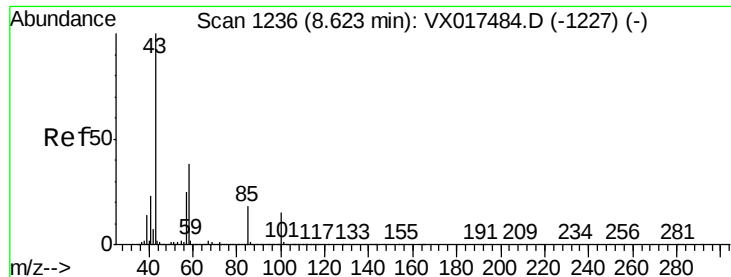
100 64.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 278.095 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

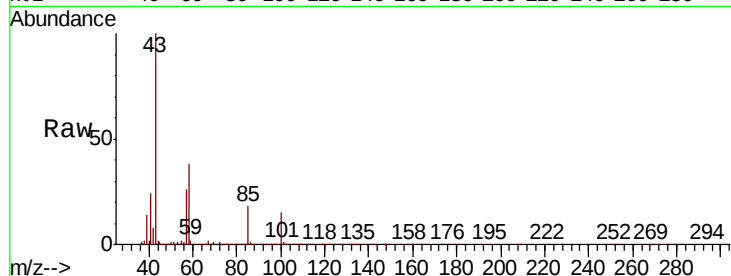
VSTDCCC050EC

Tot Ion: 43 Resp: 2209050

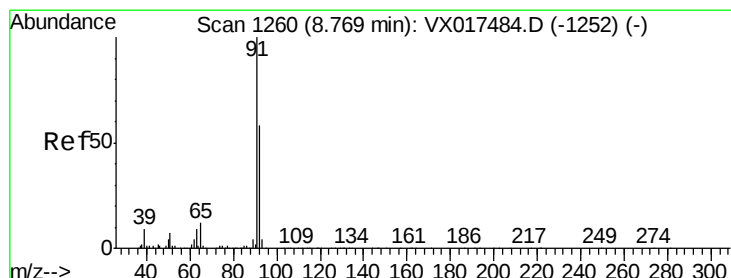
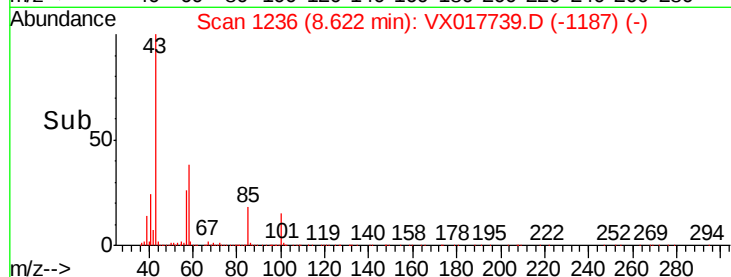
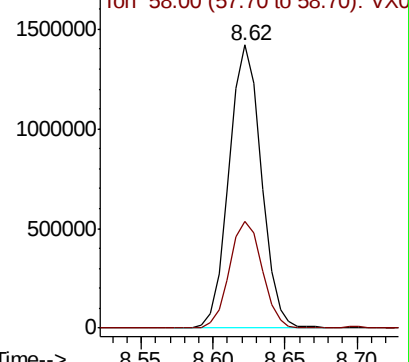
Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VX0



#52

Toluene

Concen: 52.144 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017739.D

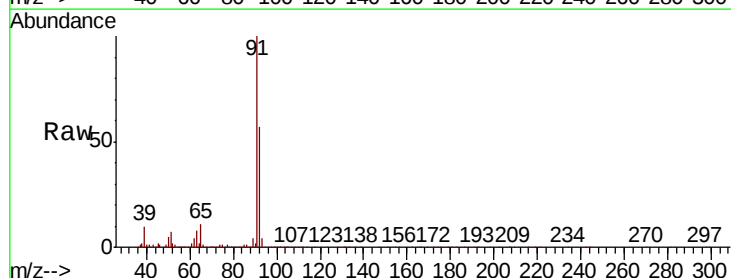
Acq: 01 Aug 2020 06:41

Tgt Ion: 92 Resp: 707022

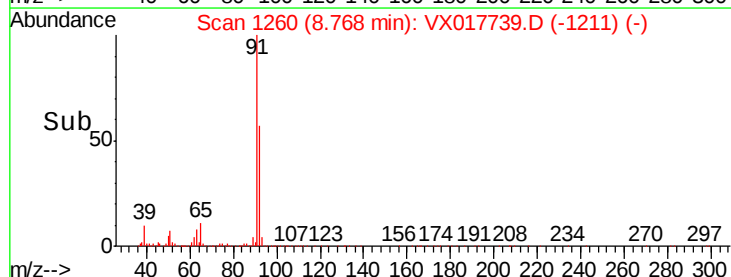
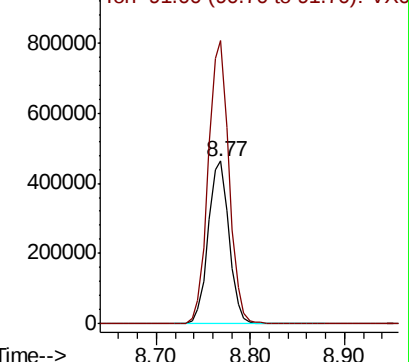
Ion Ratio Lower Upper

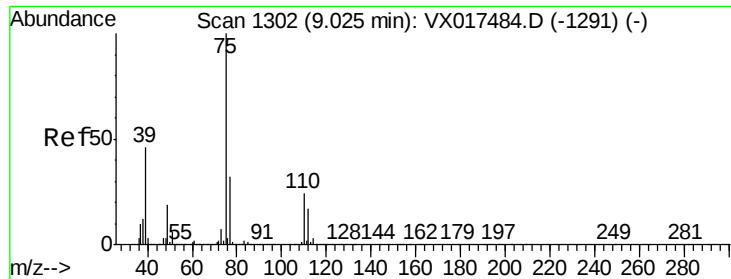
92 100

91 173.4 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

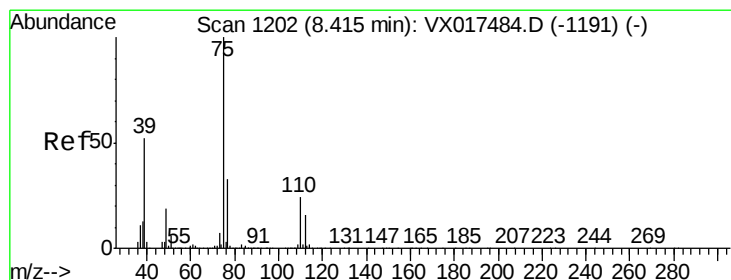
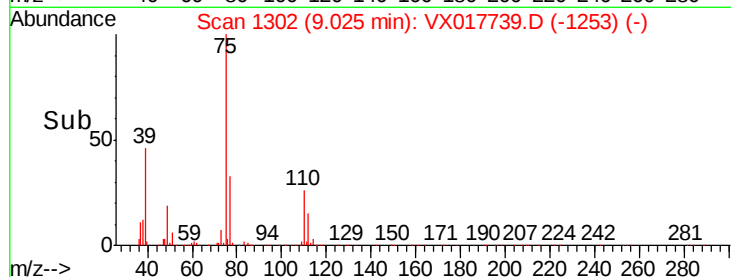
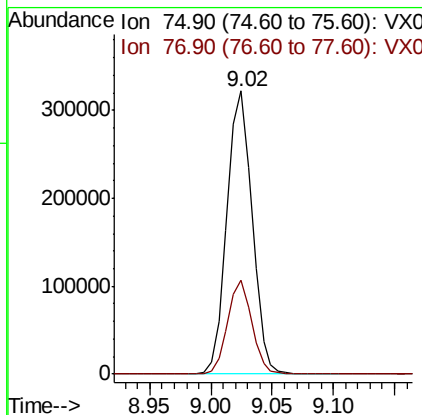
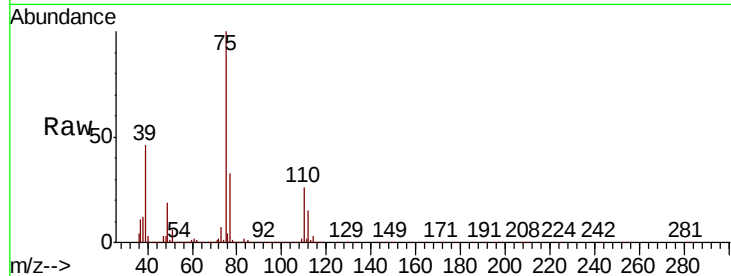




#53
 t-1,3-Dichloropropene
 Concen: 49.250 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

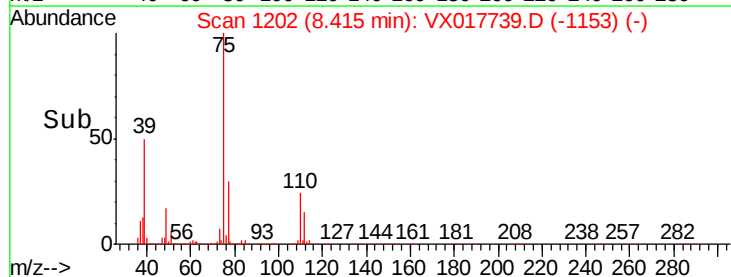
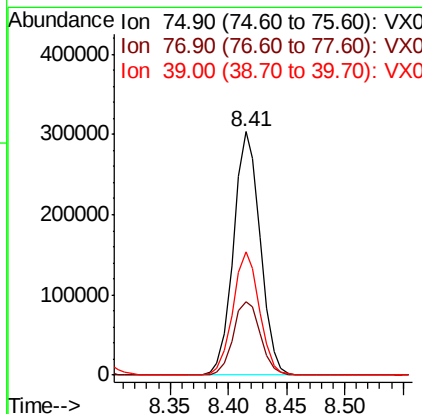
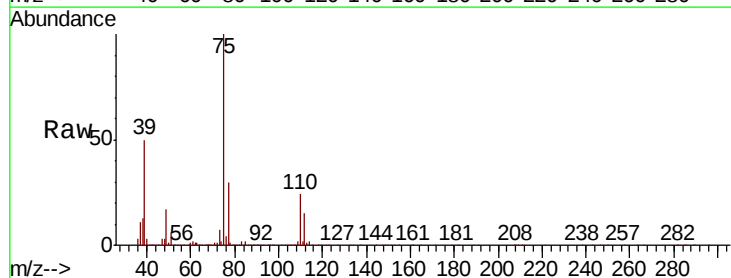
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

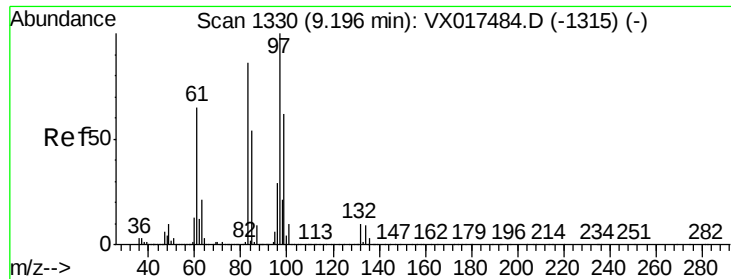
Tot Ion: 75 Resp: 459487
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.006 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Tgt Ion: 75 Resp: 485384
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3
 39 50.3 41.8 62.8

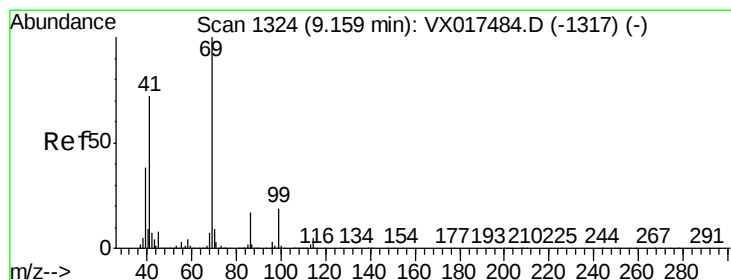
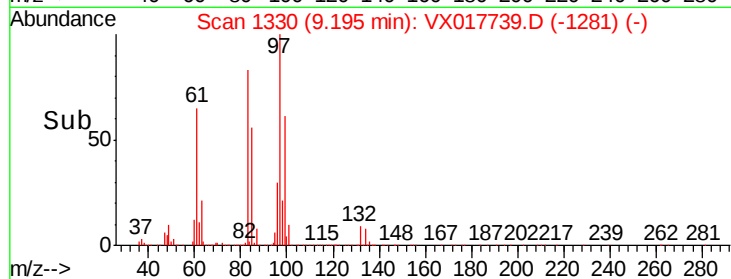
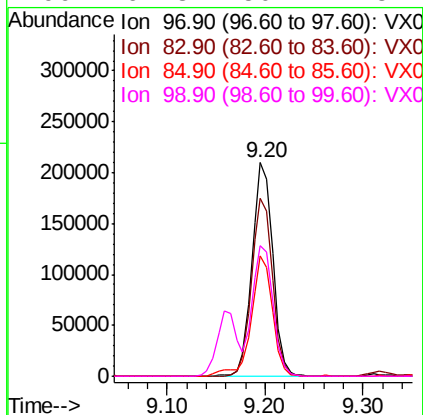
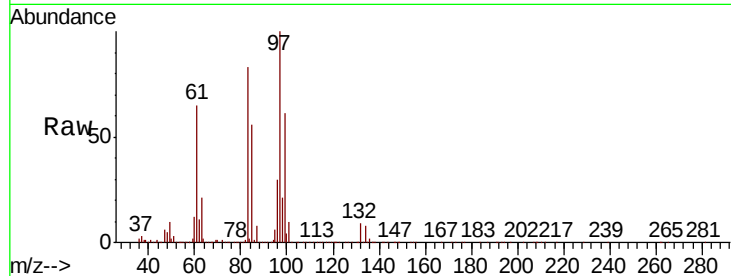




#55
 1,1,2-Trichloroethane
 Concen: 54.753 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

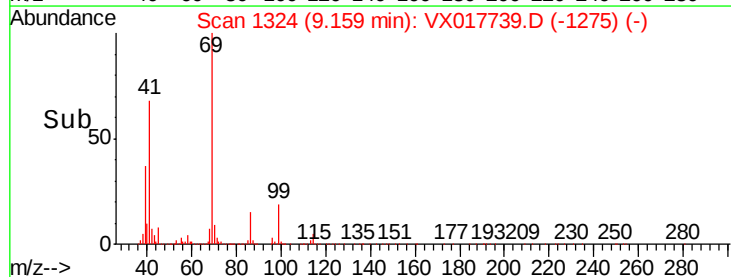
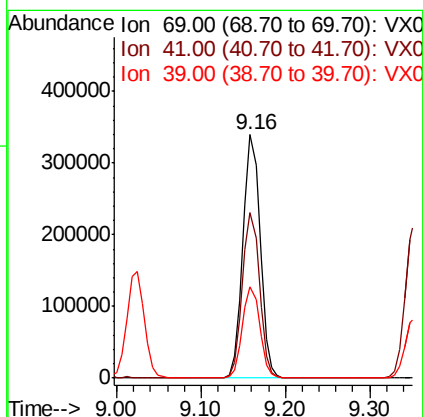
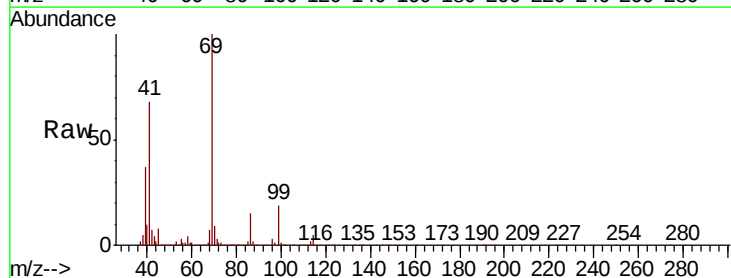
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

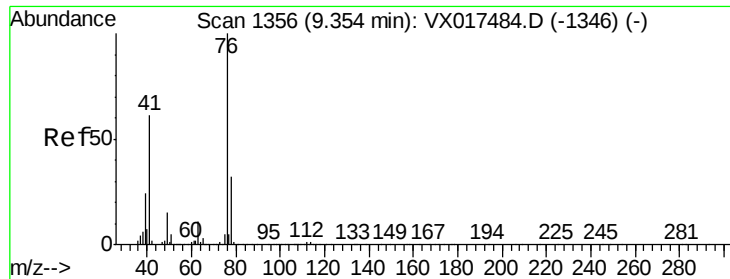
Tot Ion:	97	Resp:	309266
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.6	101.4
85	56.4	44.6	67.0
99	61.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 54.379 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Tgt Ion:	69	Resp:	462753
Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.0	82.6
39	38.0	30.0	45.0





#57

1,3-Dichloropropane

Concen: 53.682 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

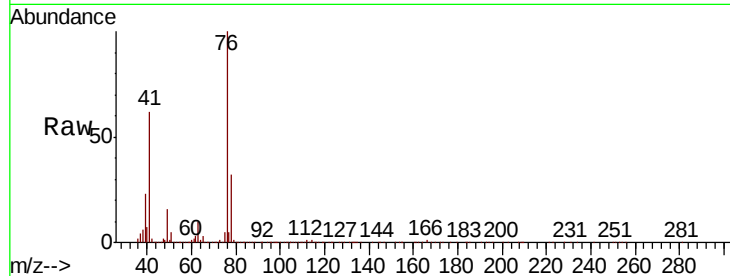
VSTDCCC050EC

Tot Ion: 76 Resp: 499285

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

400000

300000

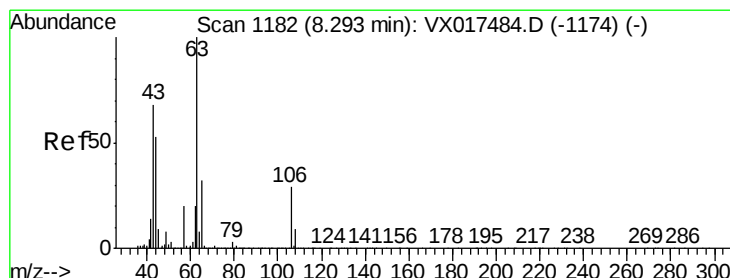
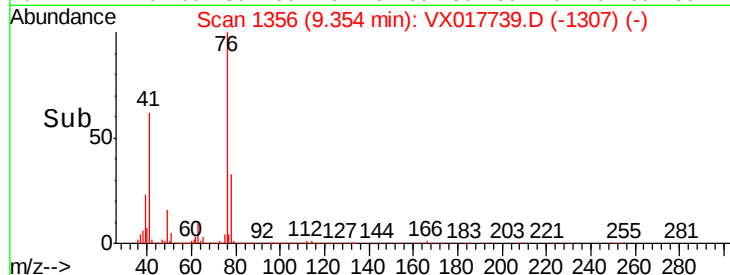
200000

100000

0

9.30 9.35 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 263.241 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017739.D

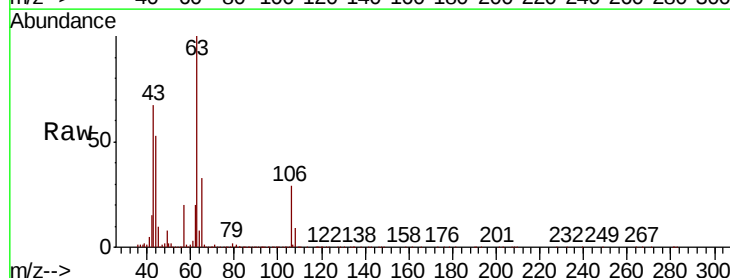
Acq: 01 Aug 2020 06:41

Tgt Ion: 63 Resp: 1180196

Ion Ratio Lower Upper

63 100

106 28.0 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

800000

600000

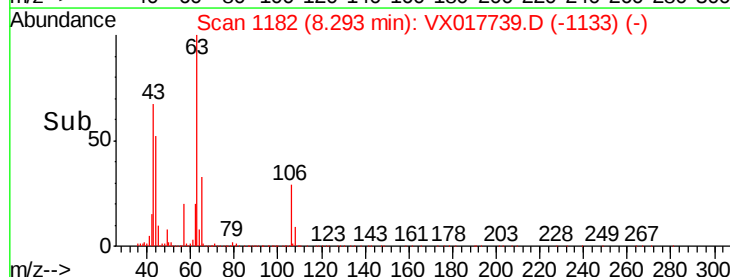
400000

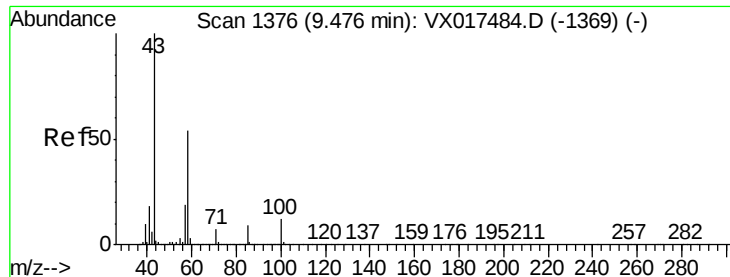
200000

0

8.20 8.30 8.40

Time-->

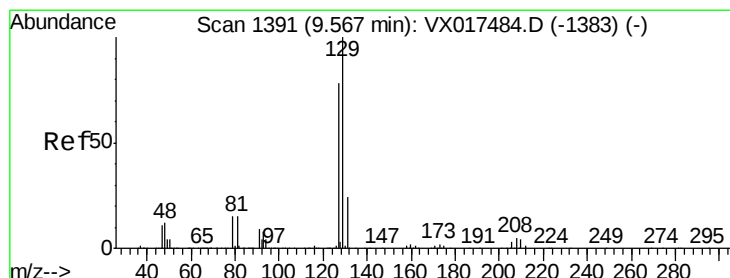
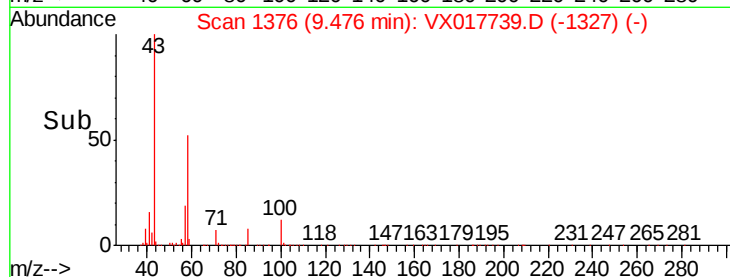
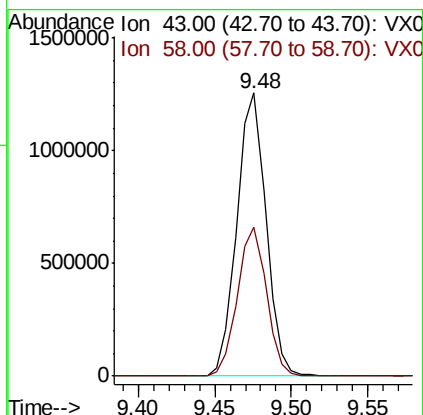
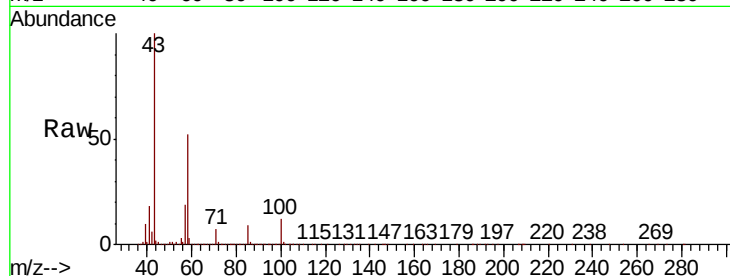




#59
2-Hexanone
Concen: 278.694 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

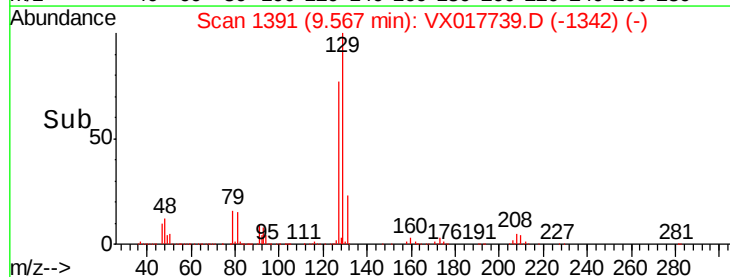
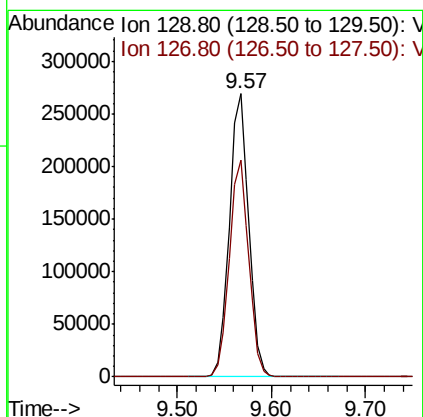
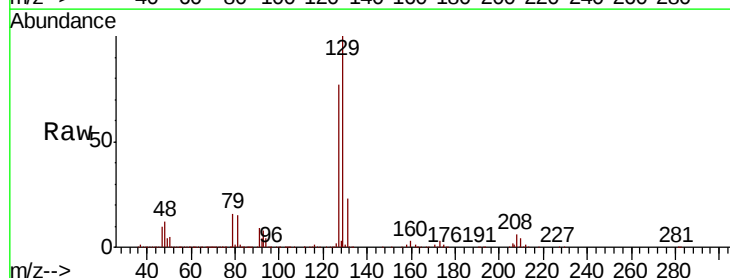
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

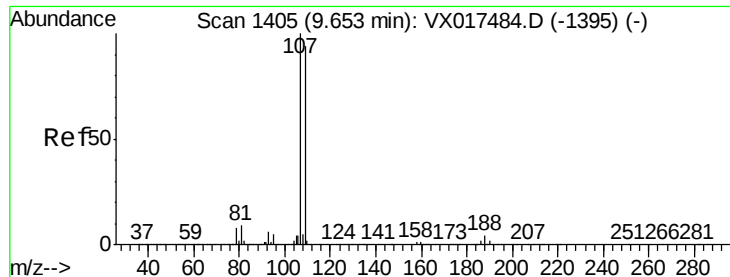
Tot Ion: 43 Resp: 1666746
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.8



#60
Dibromochloromethane
Concen: 53.386 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 129 Resp: 383270
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 55.749 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

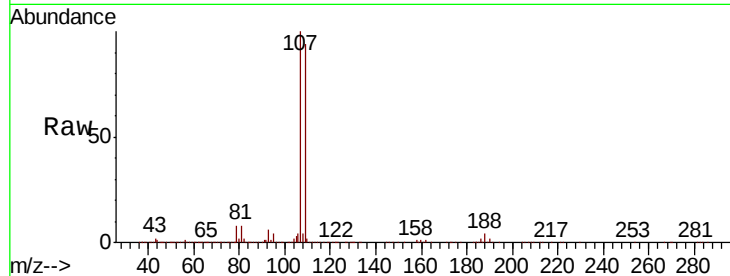
VSTDCCC050EC

Tot Ion: 107 Resp: 335249

Ion Ratio Lower Upper

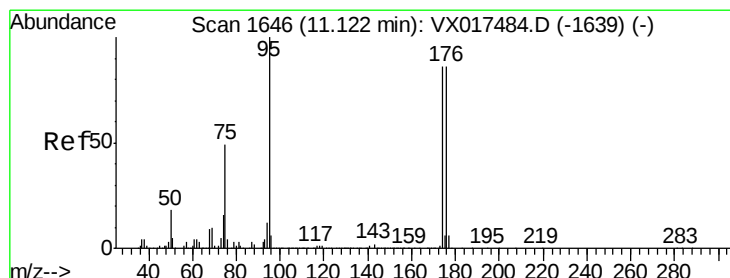
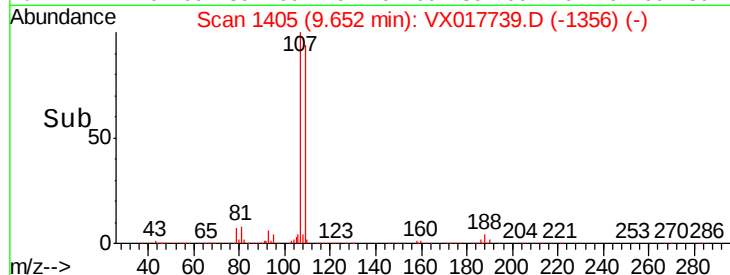
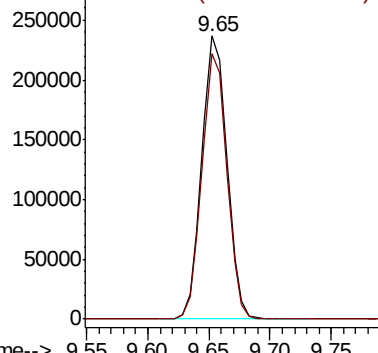
107 100

109 93.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.179 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

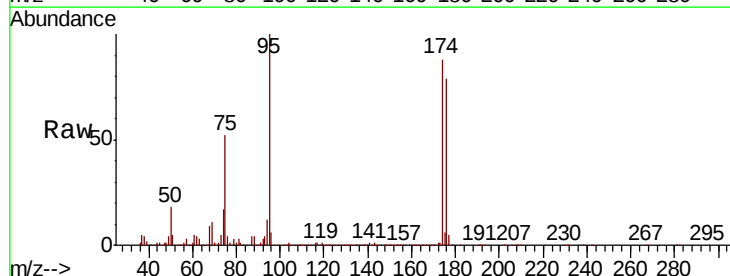
Tgt Ion: 95 Resp: 417096

Ion Ratio Lower Upper

95 100

174 84.4 0.0 169.0

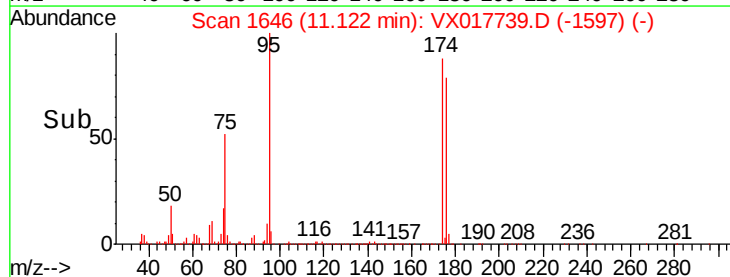
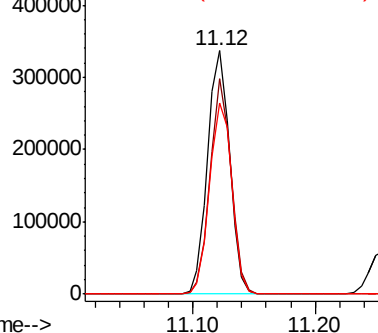
176 79.9 0.0 161.0

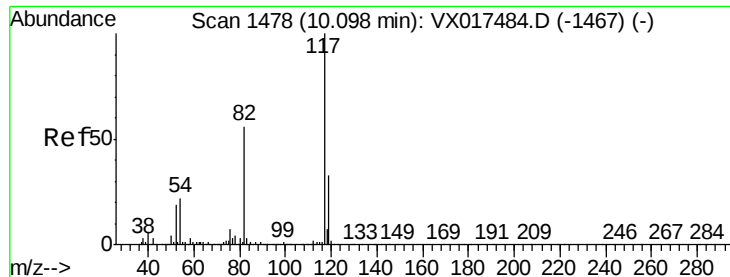


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

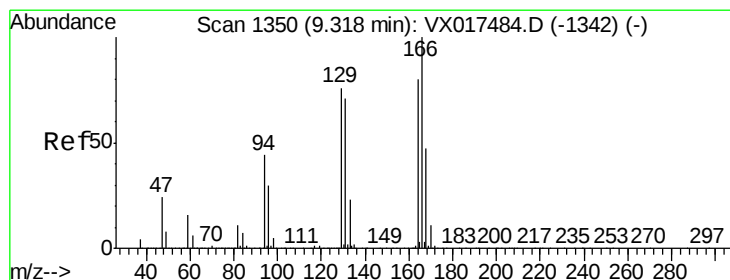
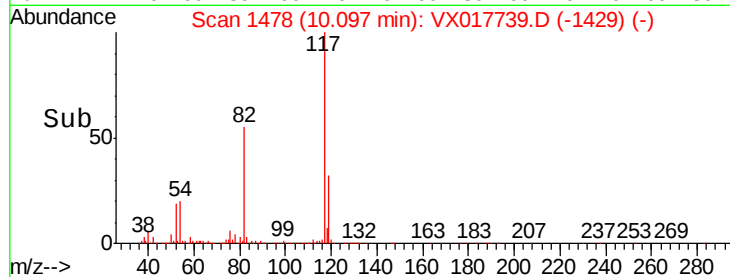
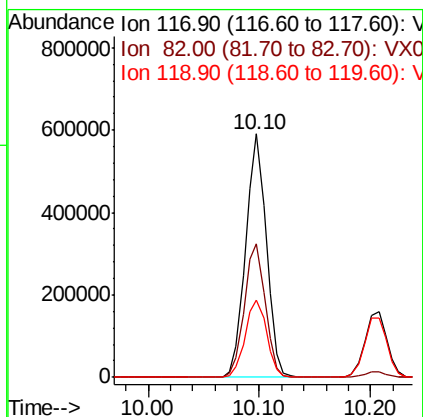
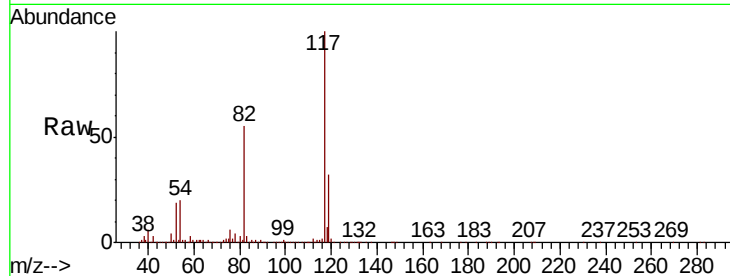




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

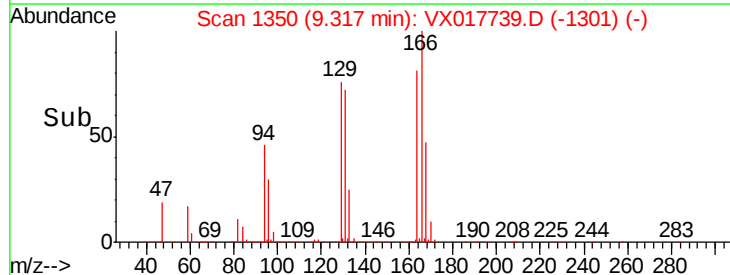
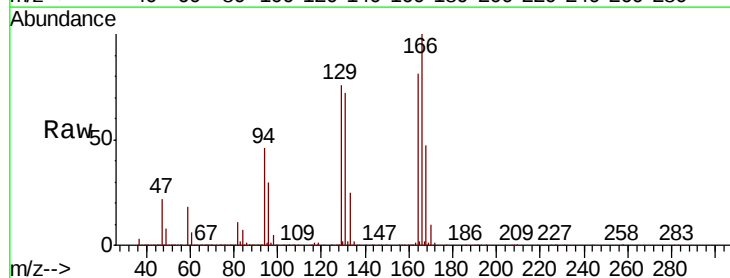
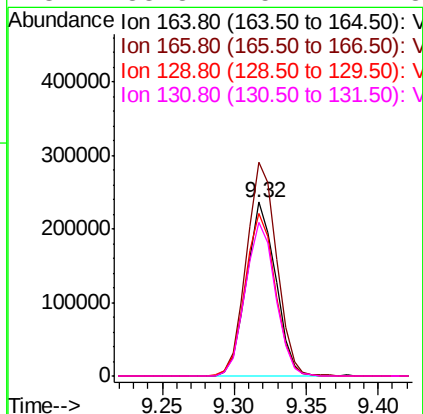
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

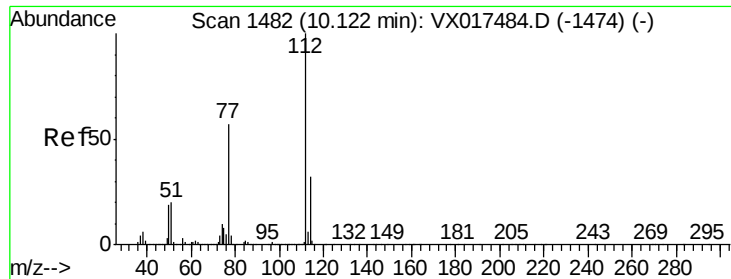
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.0	66.0
119	31.8	25.4	38.0



#64
Tetrachloroethene
Concen: 48.276 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	100.6	150.8
129	93.2	75.0	112.6
131	88.8	75.2	112.8

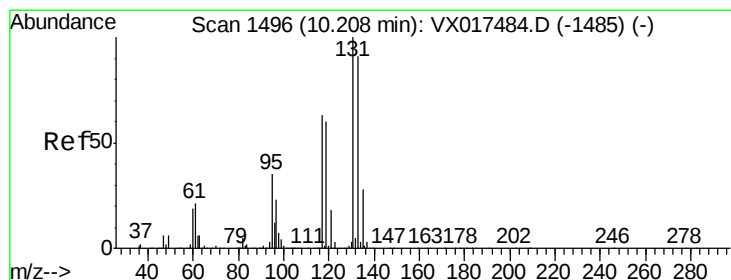
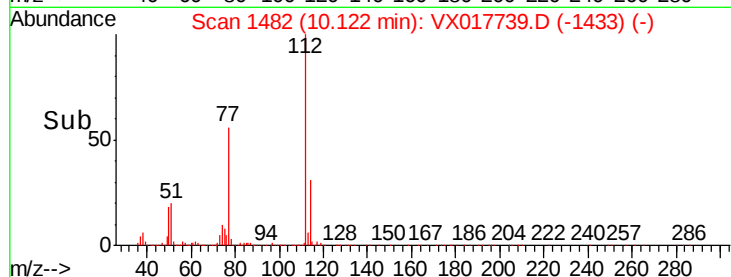
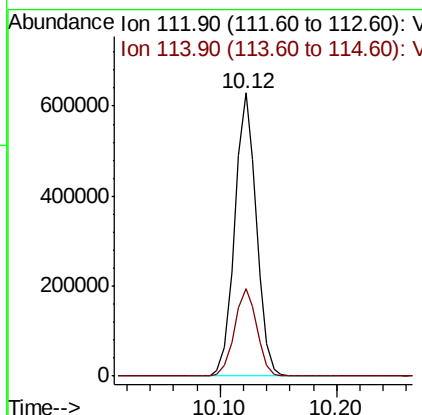




#65
Chlorobenzene
Concen: 49.564 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

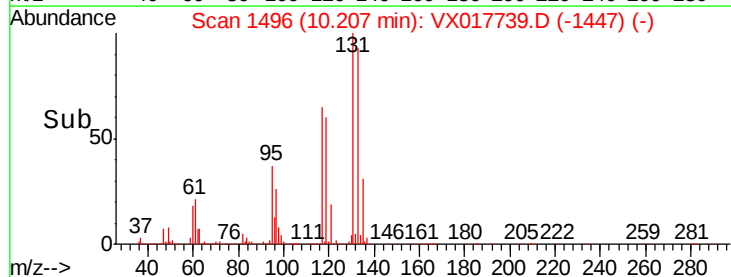
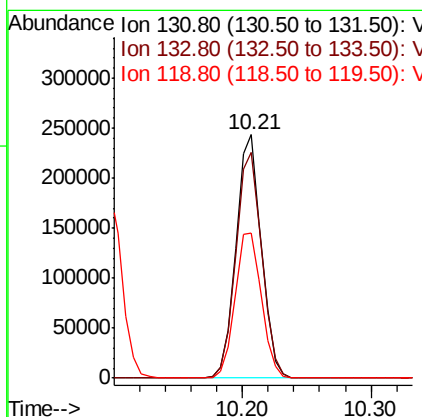
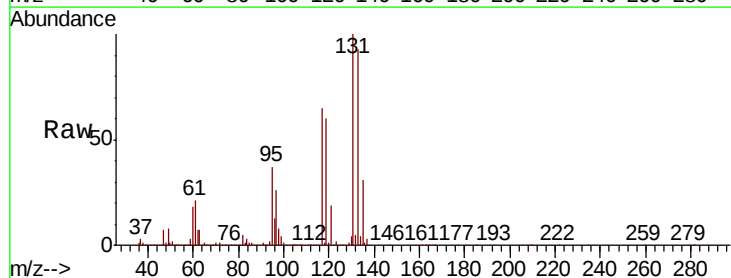
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

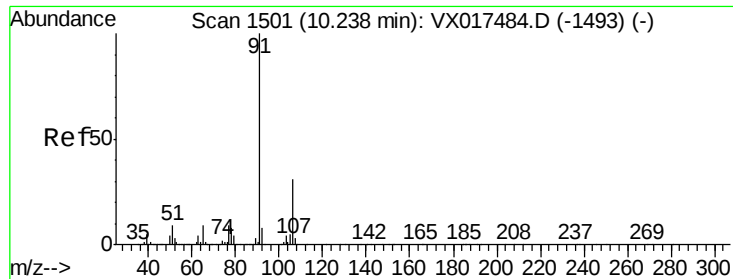
Tot Ion:112 Resp: 818011
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.897 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion:131 Resp: 332361
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 62.2 31.1 93.3

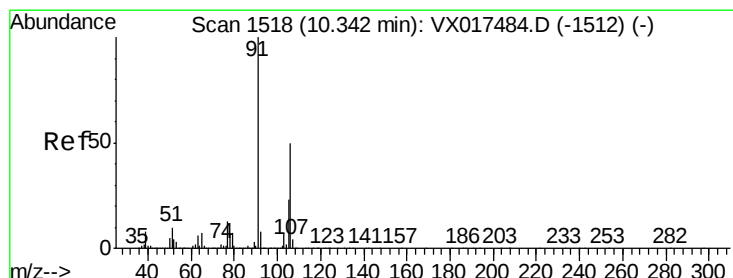
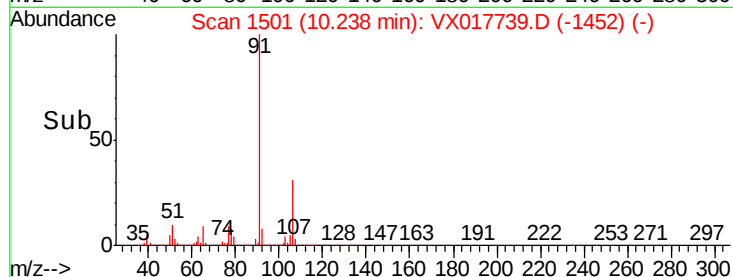
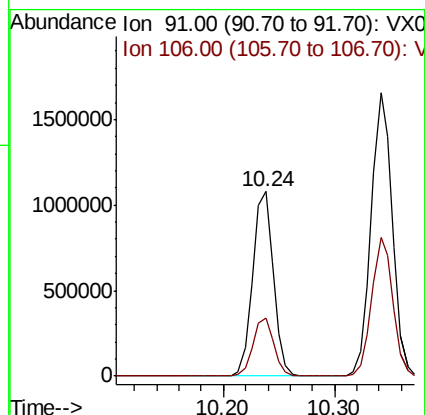
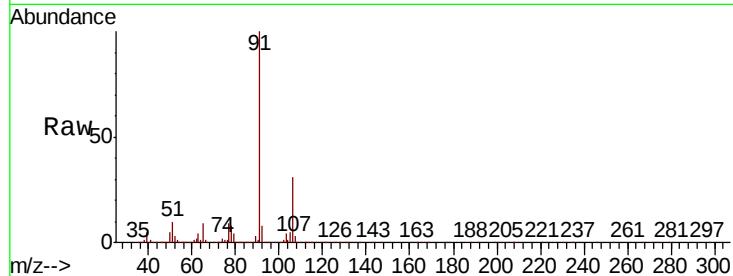




#67
Ethyl Benzene
Concen: 50.631 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

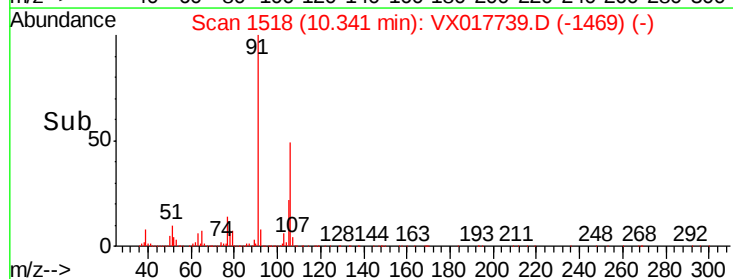
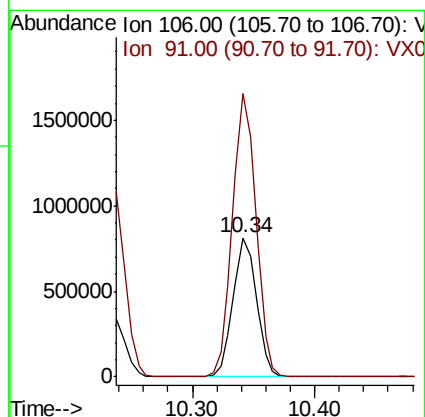
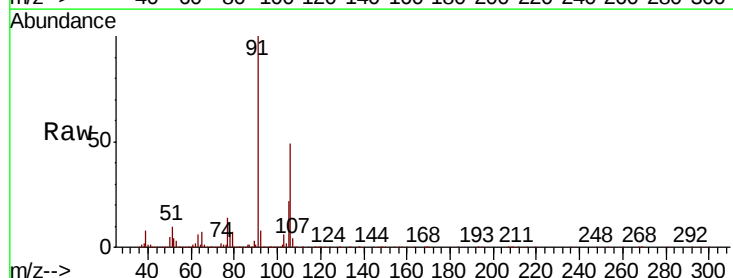
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

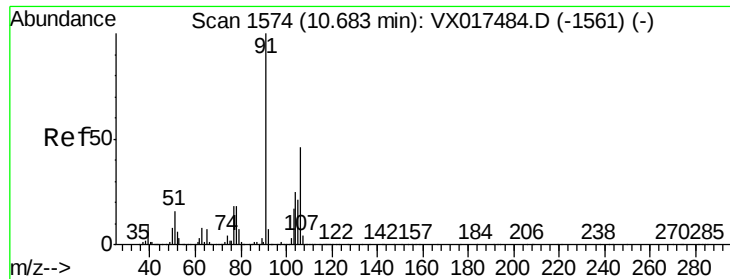
Tot Ion: 91 Resp: 1394879
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.6



#68
m/p-Xylenes
Concen: 100.719 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 106 Resp: 1074954
Ion Ratio Lower Upper
106 100
91 204.7 160.9 241.3

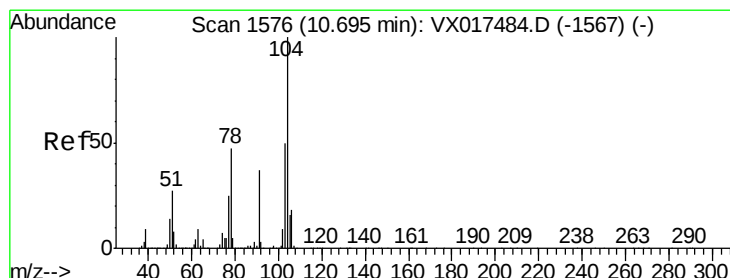
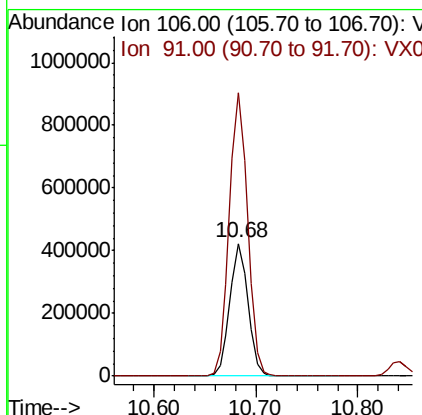
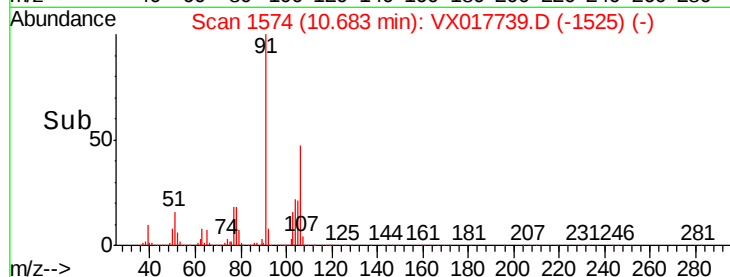
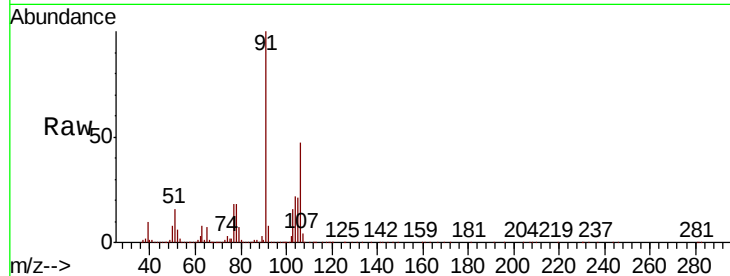




#69
o-Xylene
Concen: 50.615 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

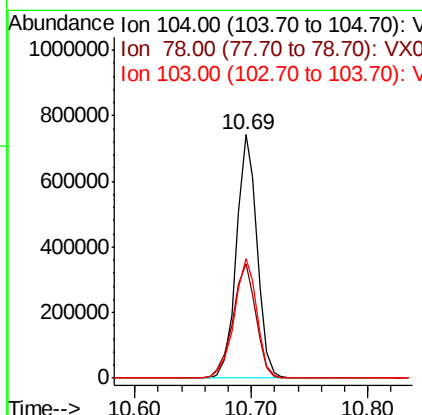
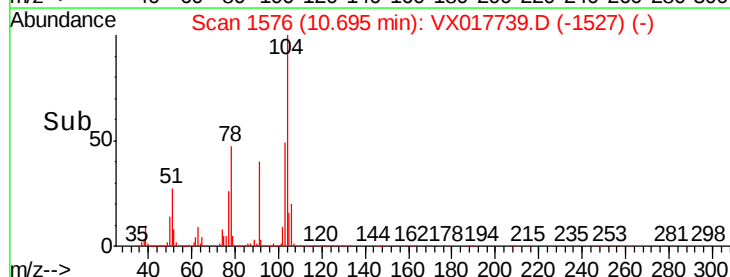
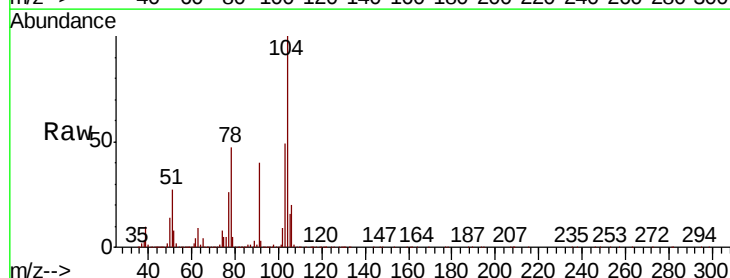
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

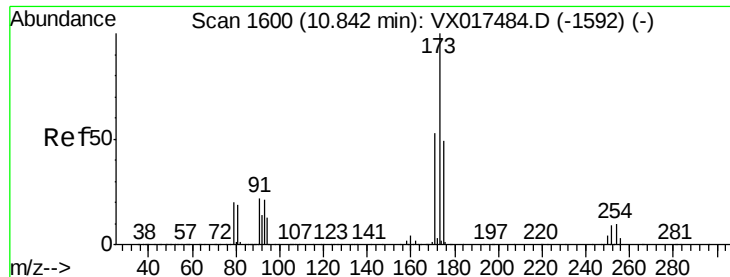
Tot Ion:106 Resp: 519557
Ion Ratio Lower Upper
106 100
91 215.6 108.2 324.6



#70
Styrene
Concen: 52.439 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion:104 Resp: 915836
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 54.0 44.3 66.5





#71

Bromoform

Concen: 50.027 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

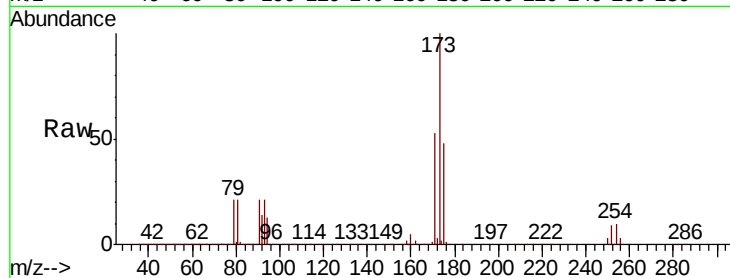
Tot Ion:173 Resp: 288700

Ion Ratio Lower Upper

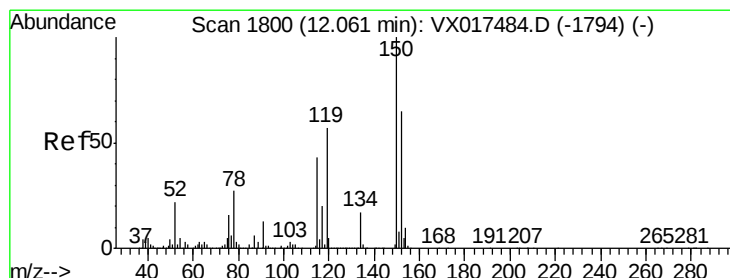
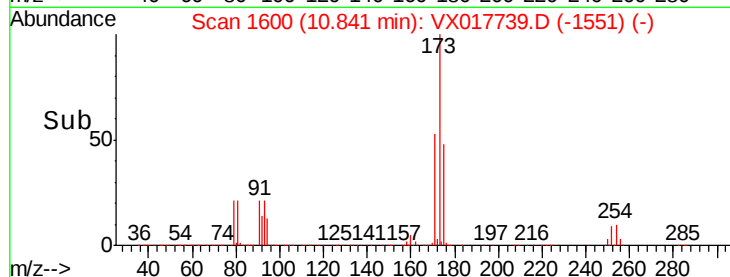
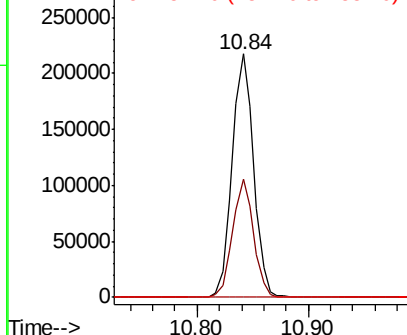
173 100

175 47.3 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: VX017739.D

Acq: 01 Aug 2020 06:41

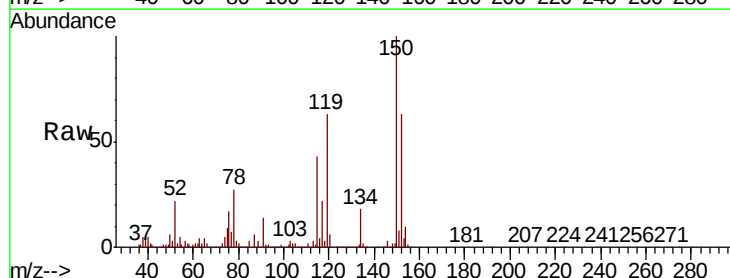
Tgt Ion:152 Resp: 412609

Ion Ratio Lower Upper

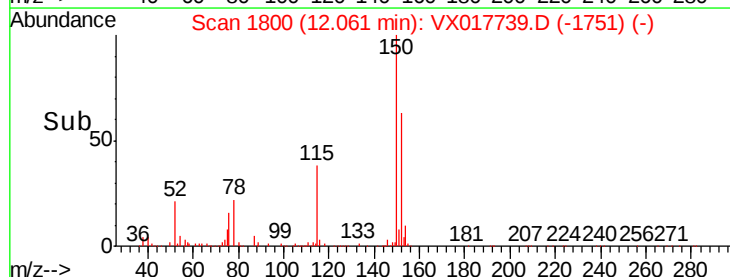
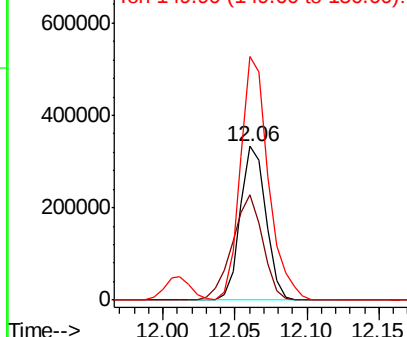
152 100

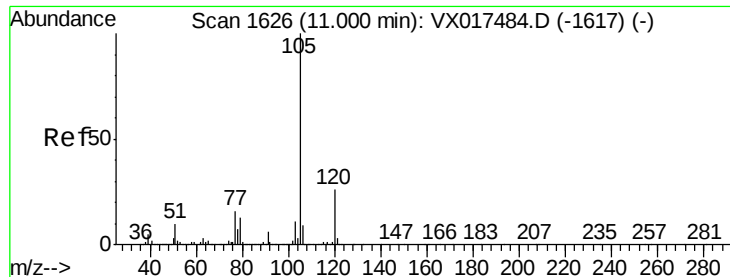
115 80.6 65.5 196.6

150 172.4 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: 50.124 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

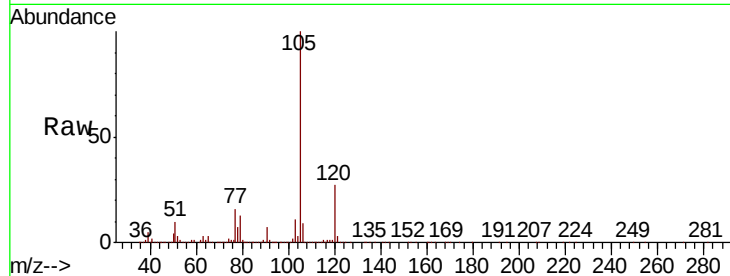
VSTDCCC050EC

Tot Ion:105 Resp: 1418791

Ion Ratio Lower Upper

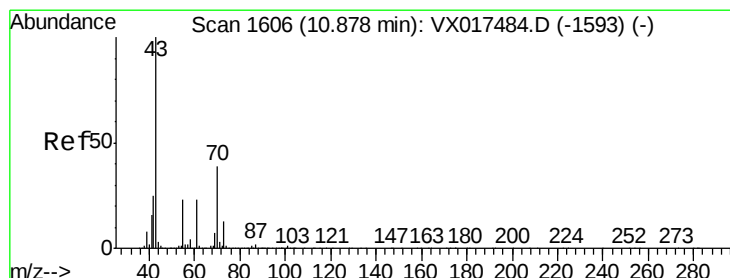
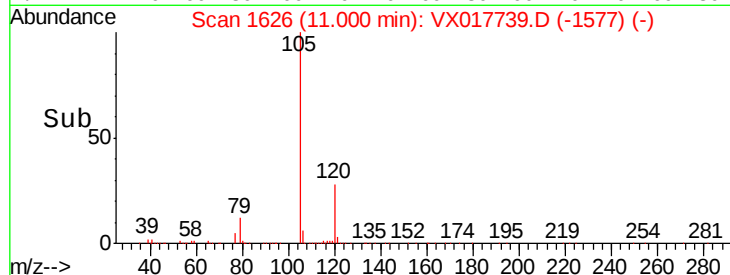
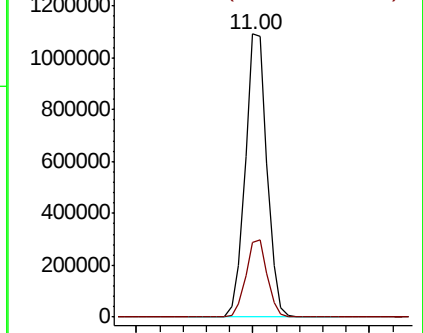
105 100

120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.529 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion: 43 Resp: 610325

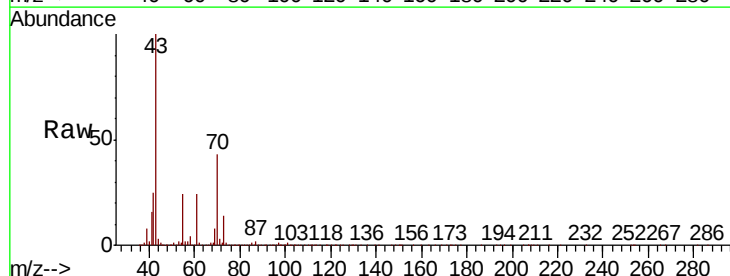
Ion Ratio Lower Upper

43 100

70 41.0 32.3 48.5

55 24.2 18.4 27.6

61 23.2 18.6 28.0

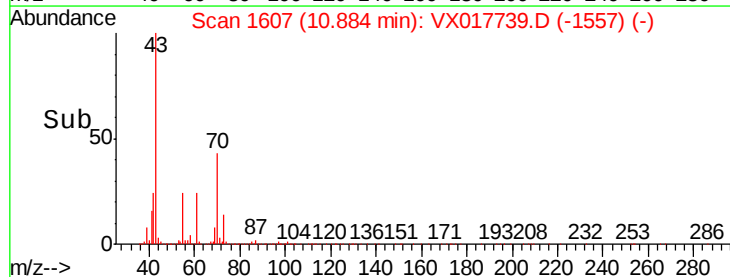
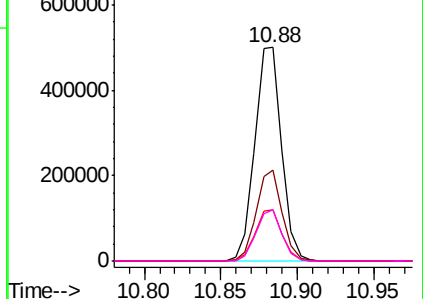


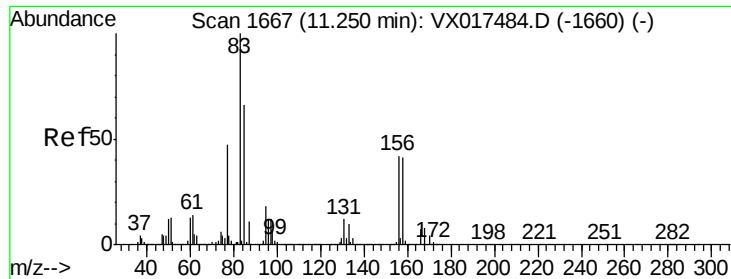
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.328 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

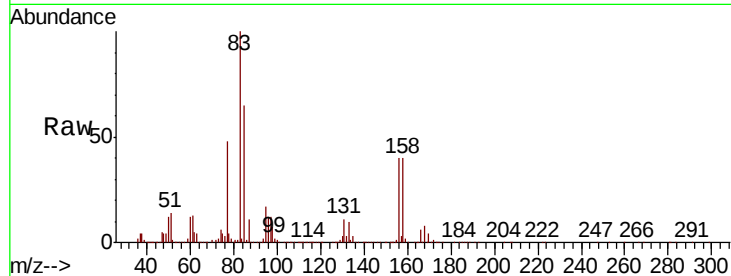
Tot Ion: 83 Resp: 426988

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

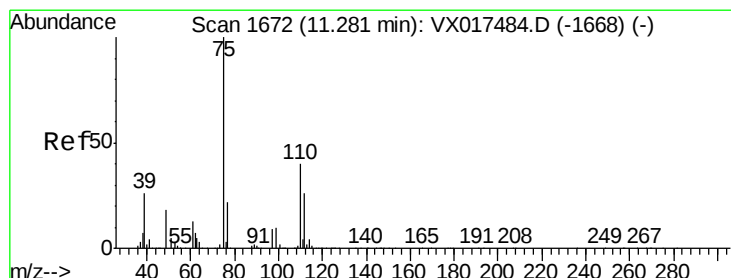
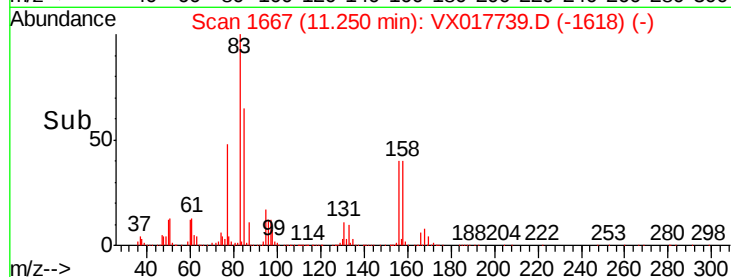
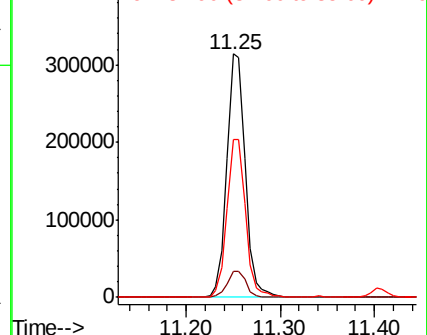
85 65.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.170 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017739.D

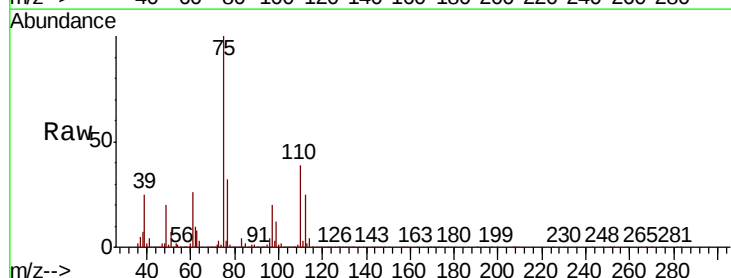
Acq: 01 Aug 2020 06:41

Tgt Ion: 75 Resp: 527669

Ion Ratio Lower Upper

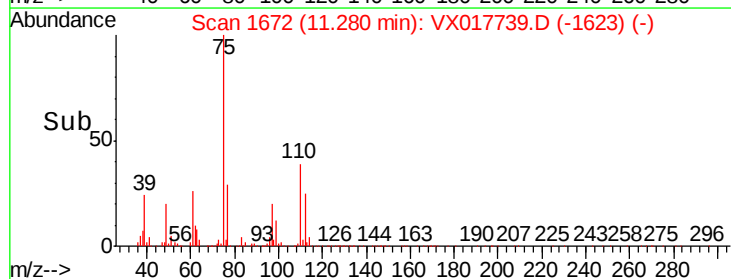
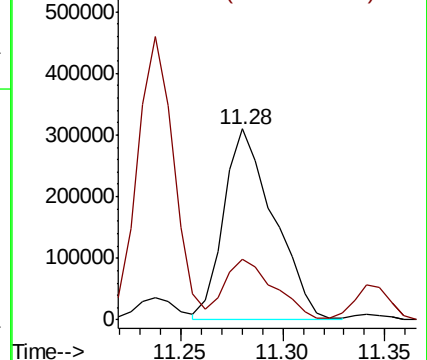
75 100

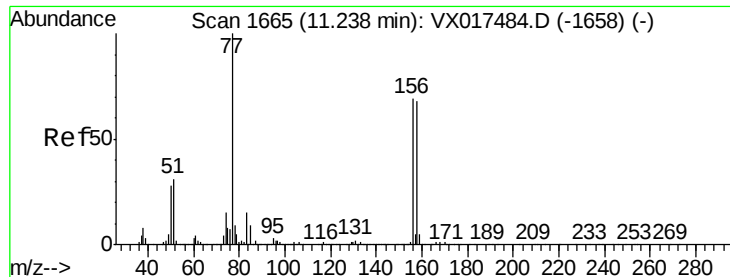
77 31.6 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.816 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

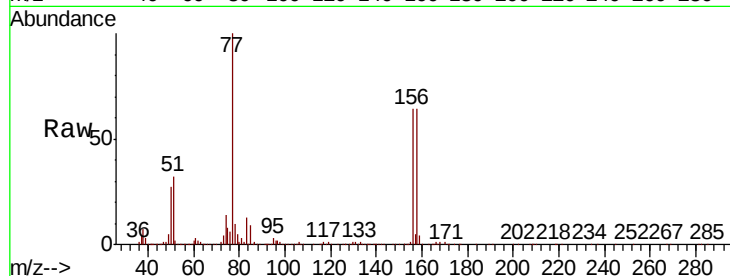
Tot Ion:156 Resp: 370985

Ion Ratio Lower Upper

156 100

77 153.4 75.0 225.0

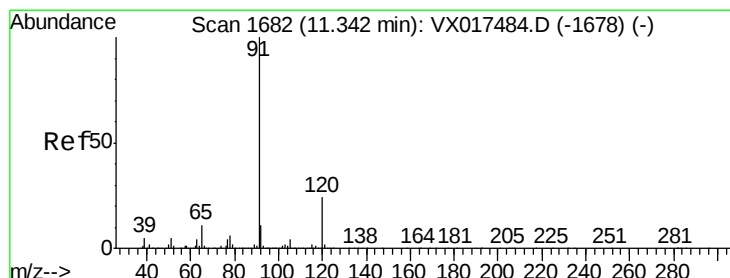
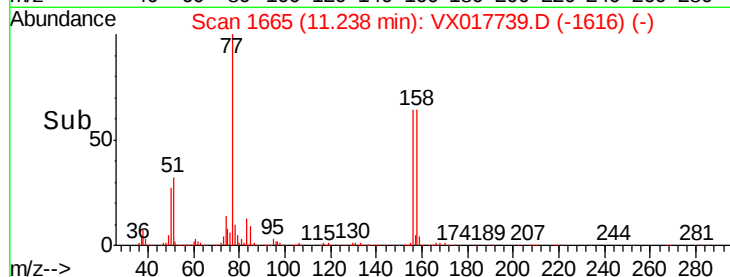
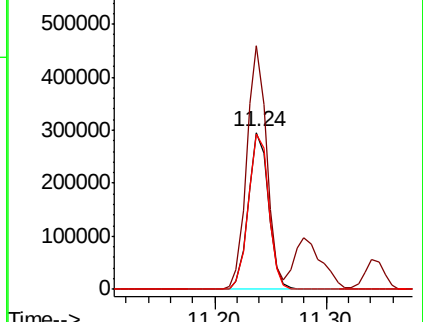
158 100.1 49.1 147.3



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: 50.375 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017739.D

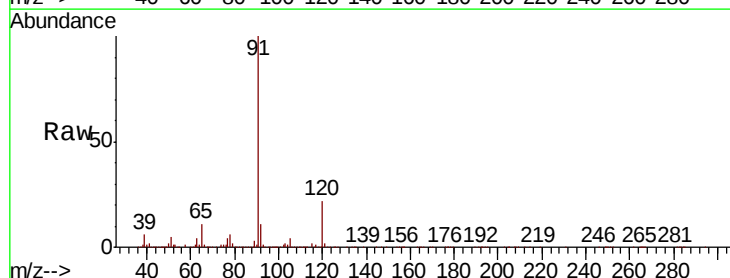
Acq: 01 Aug 2020 06:41

Tgt Ion: 91 Resp: 1608179

Ion Ratio Lower Upper

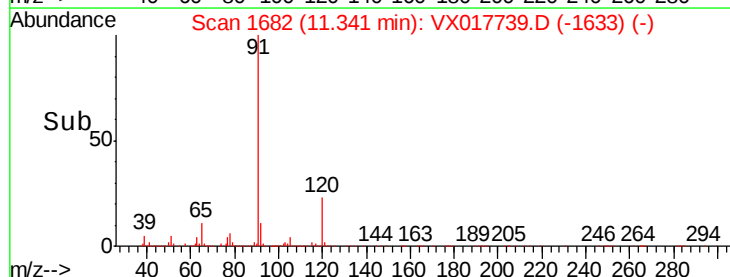
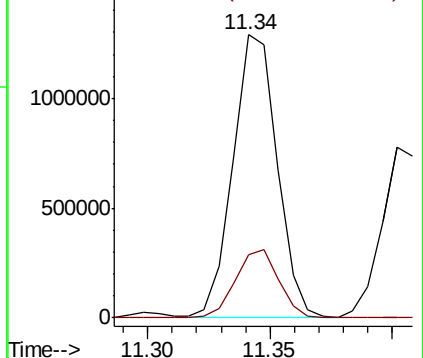
91 100

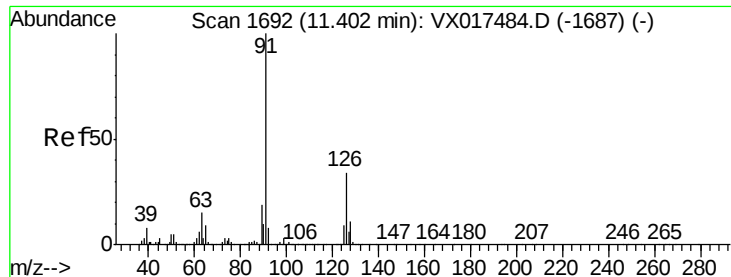
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.358 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

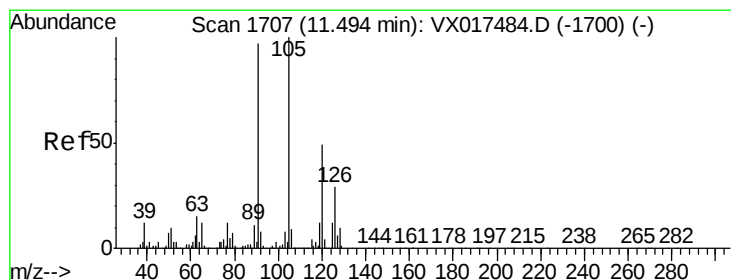
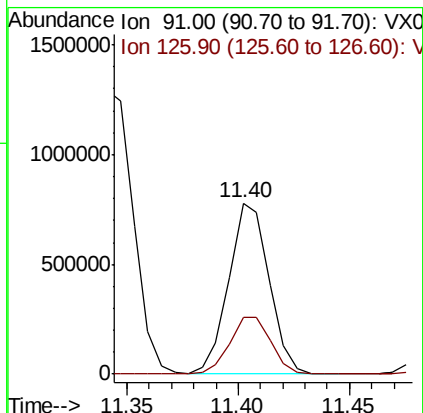
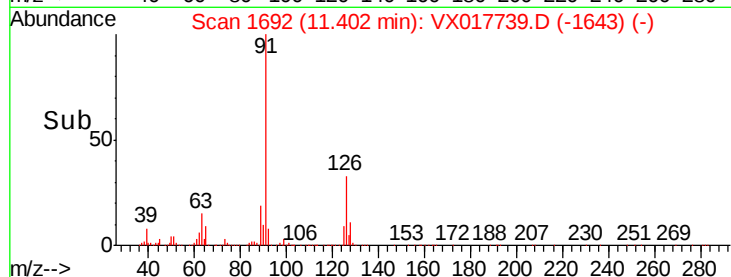
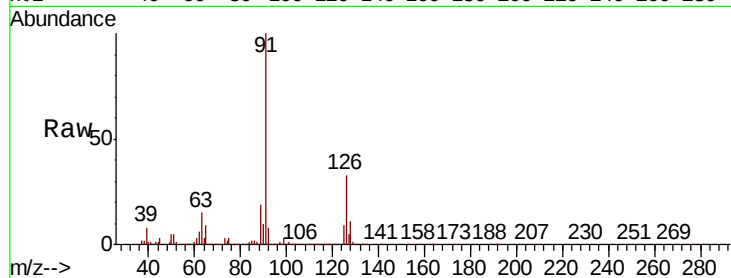
VSTDCCC050EC

Tot Ion: 91 Resp: 976092

Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 49.010 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017739.D

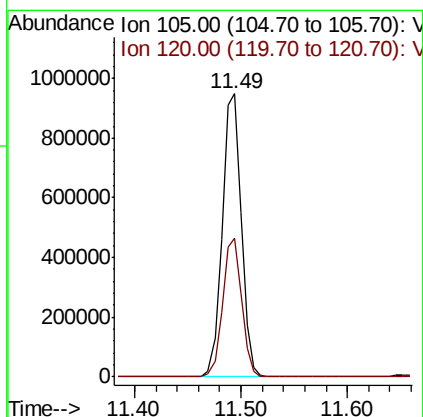
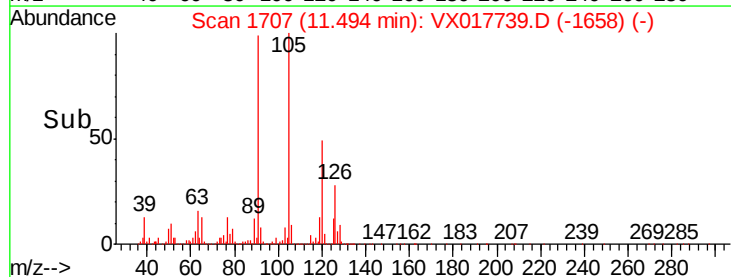
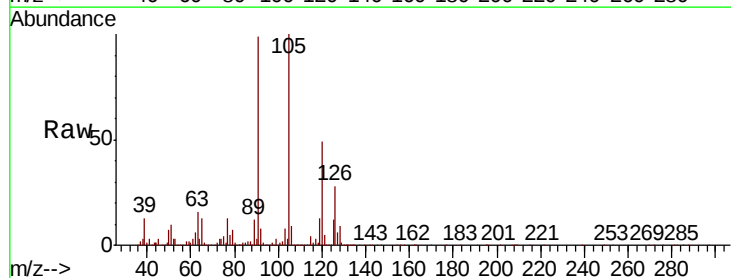
Acq: 01 Aug 2020 06:41

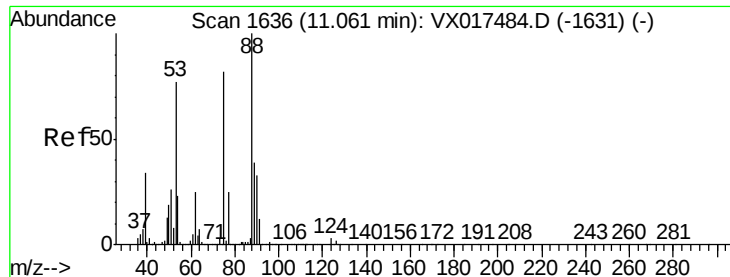
Tgt Ion: 105 Resp: 1184451

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 42.371 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

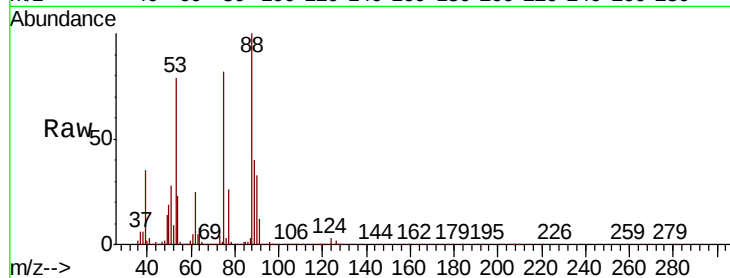
Tot Ion: 75 Resp: 142722

Ion Ratio Lower Upper

75 100

53 97.1 75.9 113.9

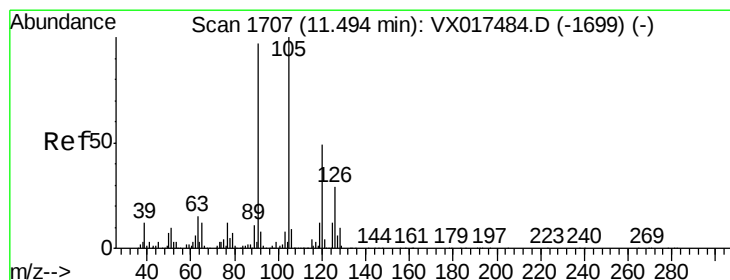
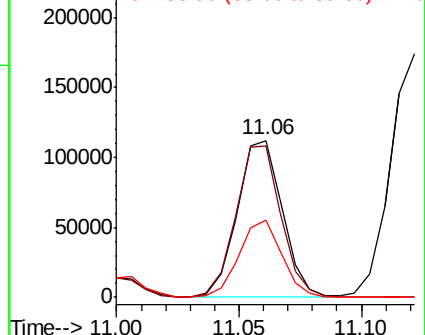
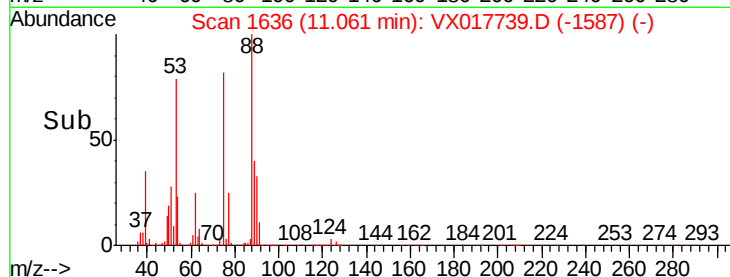
89 47.2 37.8 56.6



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: 49.148 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017739.D

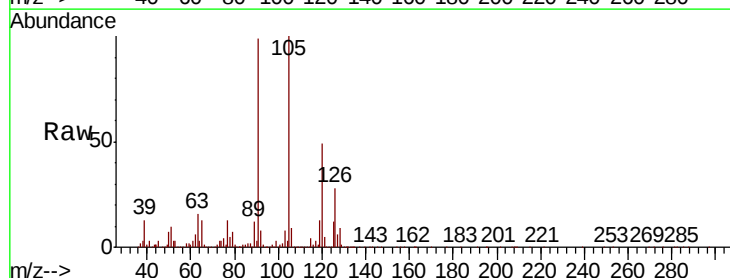
Acq: 01 Aug 2020 06:41

Tgt Ion: 91 Resp: 1146508

Ion Ratio Lower Upper

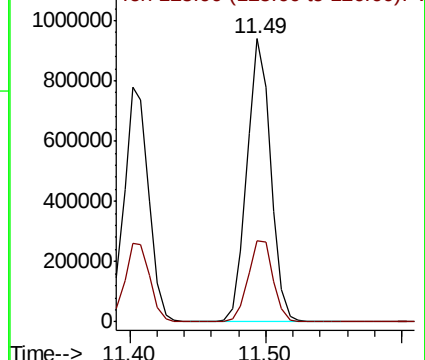
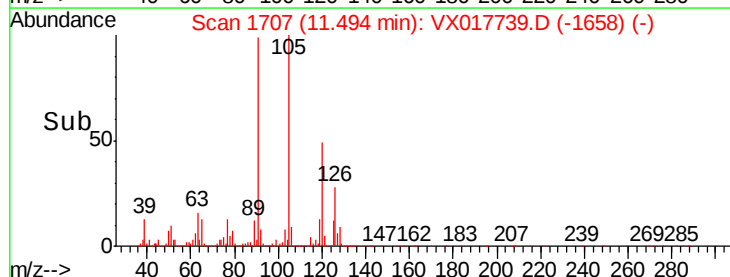
91 100

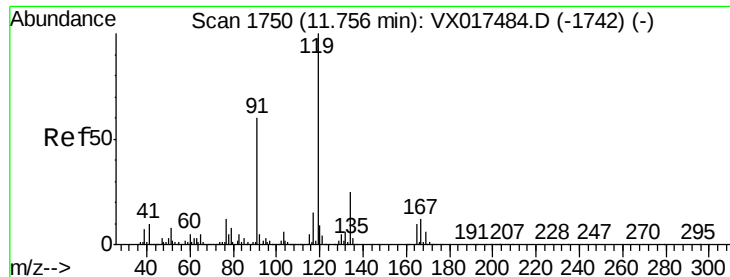
126 30.1 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.079 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

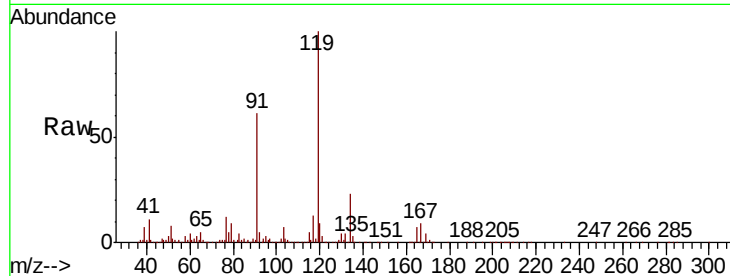
Tot Ion:119 Resp: 1158076

Ion Ratio Lower Upper

119 100

91 59.0 29.3 88.0

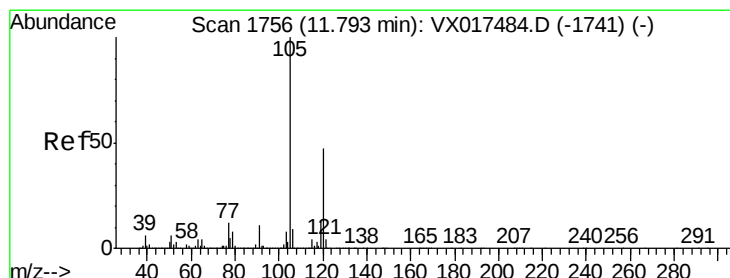
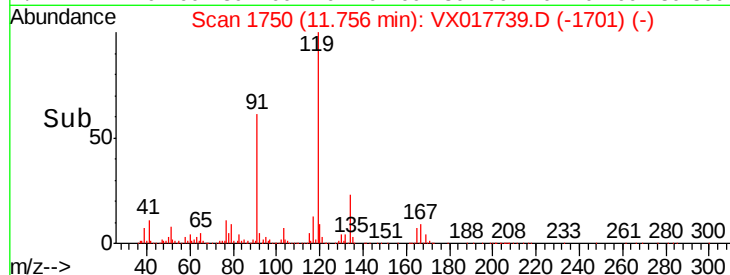
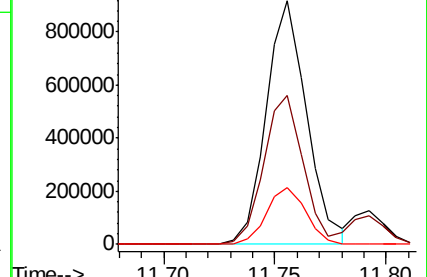
134 22.9 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.814 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017739.D

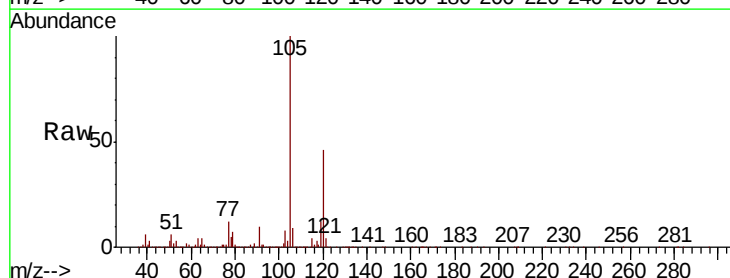
Acq: 01 Aug 2020 06:41

Tgt Ion:105 Resp: 1221459

Ion Ratio Lower Upper

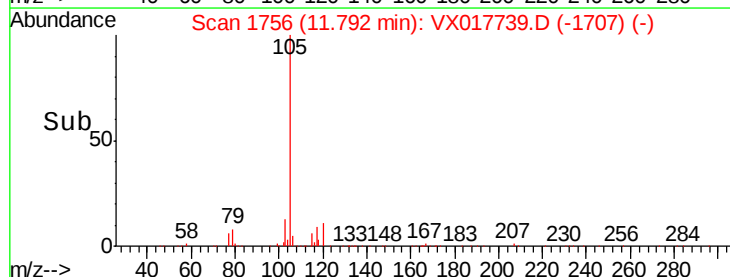
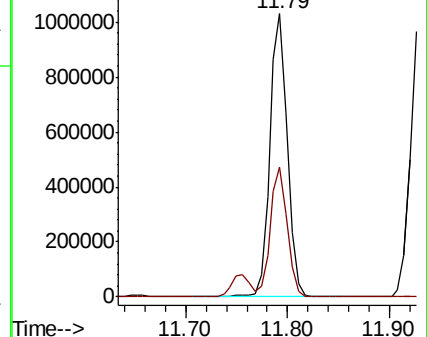
105 100

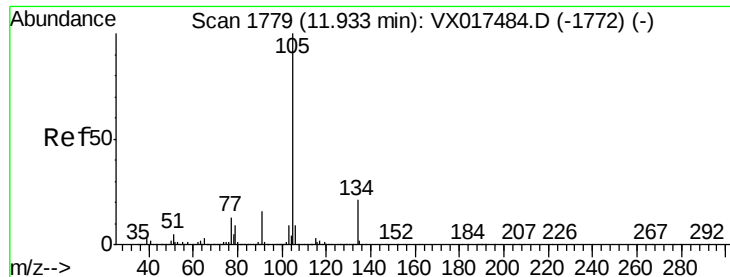
120 44.6 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.187 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

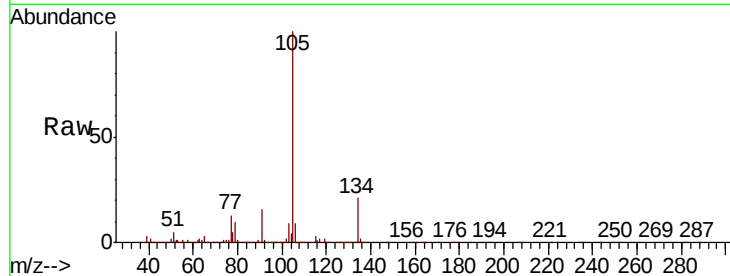
VSTDCCC050EC

Tot Ion:105 Resp: 1351989

Ion Ratio Lower Upper

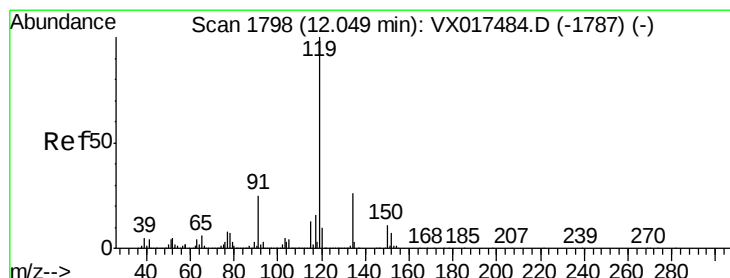
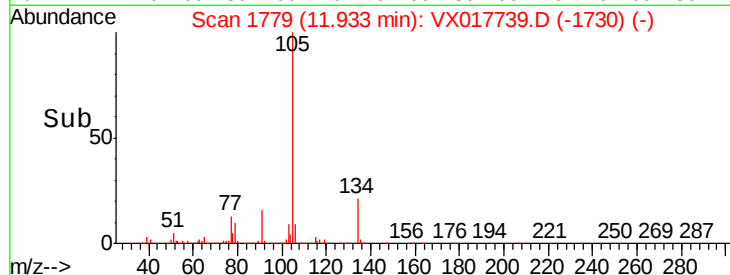
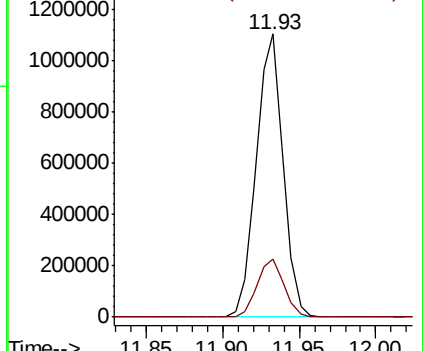
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.276 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

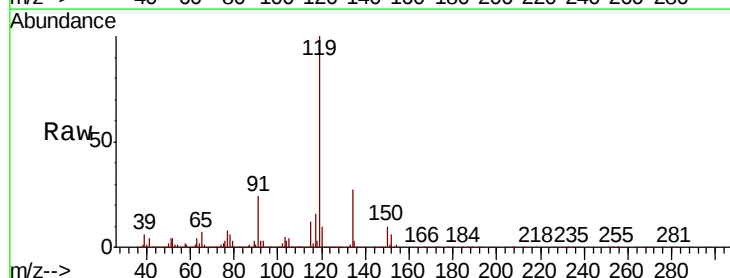
Tgt Ion:119 Resp: 1264119

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

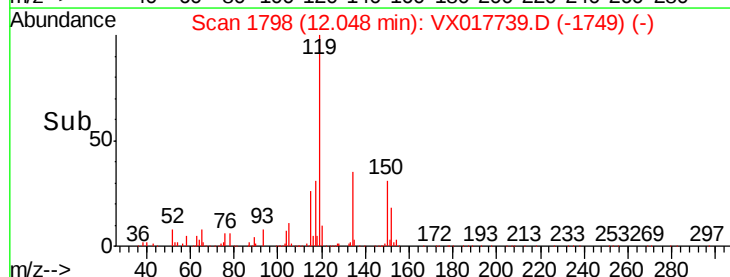
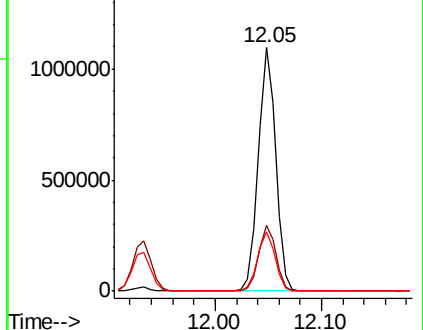
91 24.2 12.1 36.3

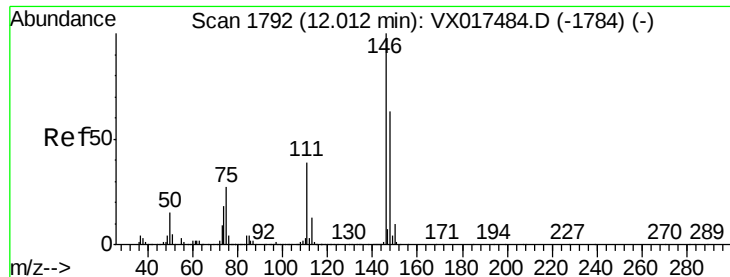


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

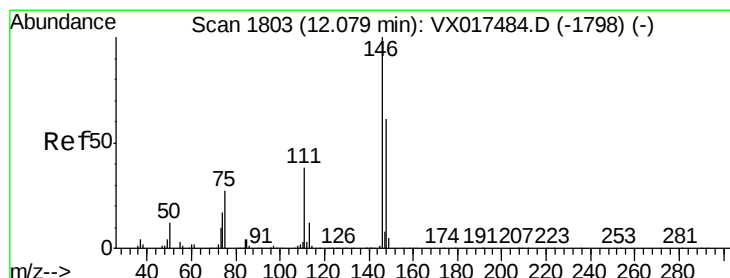
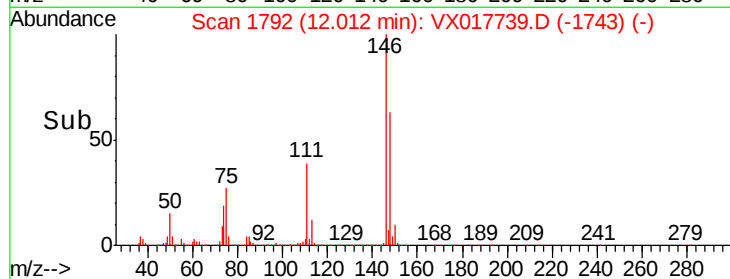
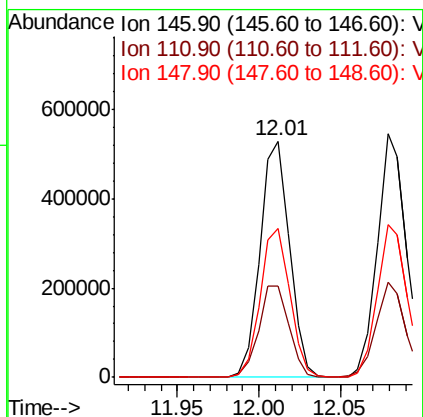
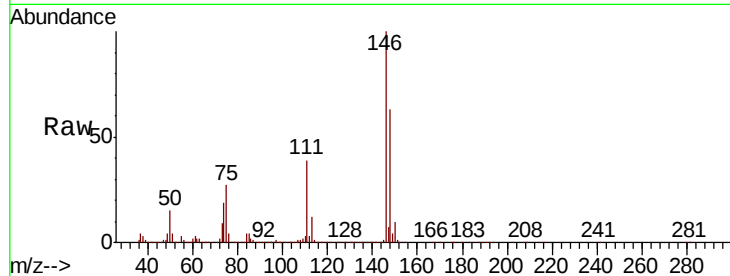




#87
 1,3-Dichlorobenzene
 Concen: 48.863 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

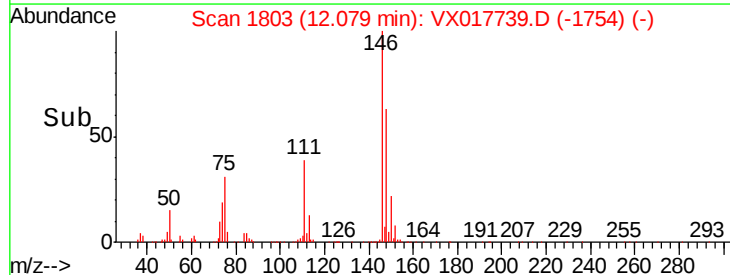
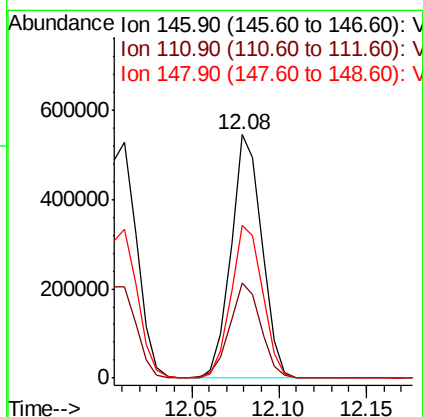
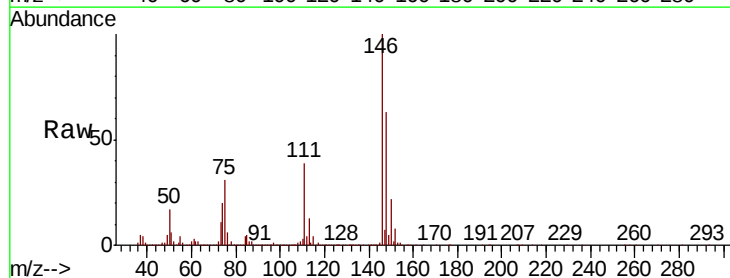
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

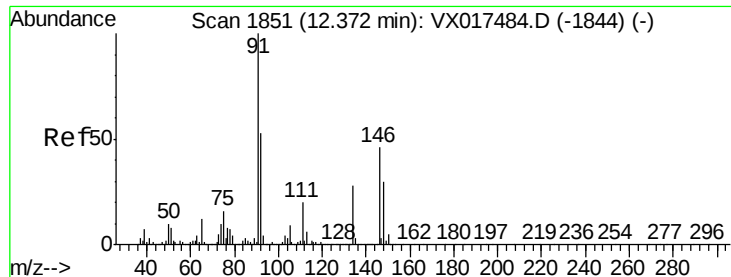
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	63.6	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 47.404 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.3	57.8
148	64.1	32.2	96.6

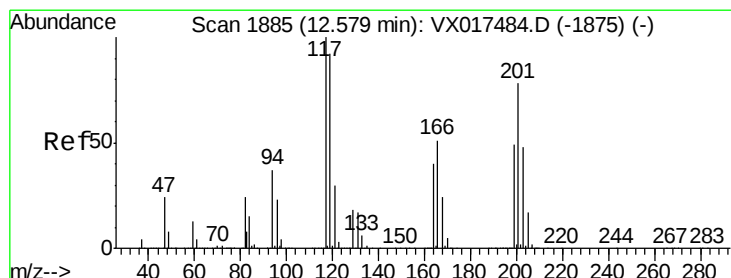
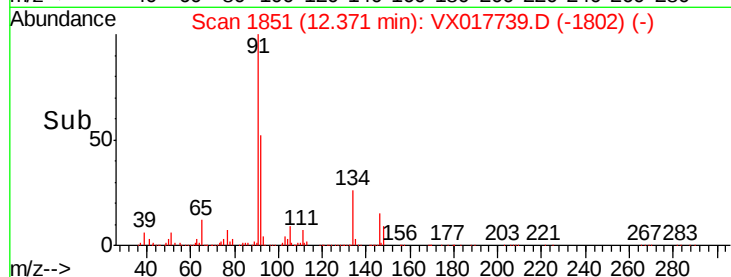
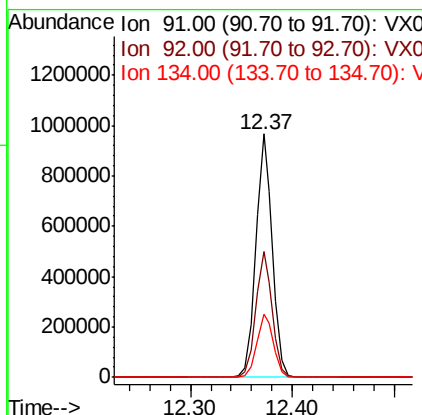
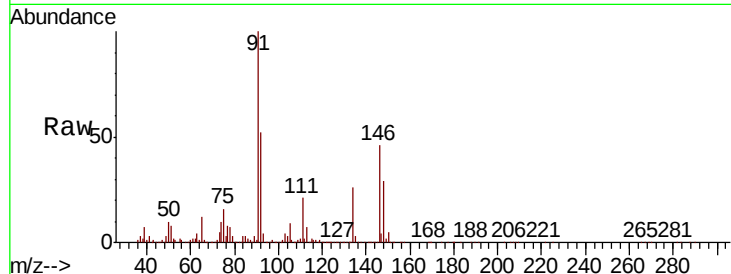




#89
n-Butylbenzene
Concen: 47.784 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

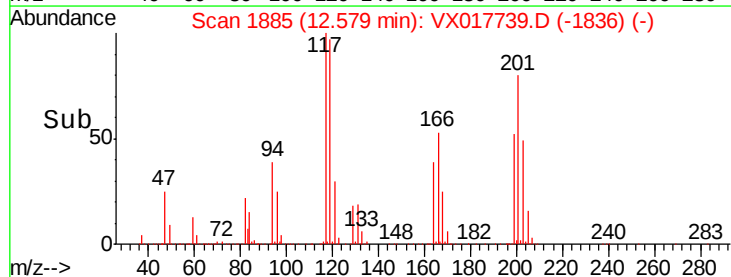
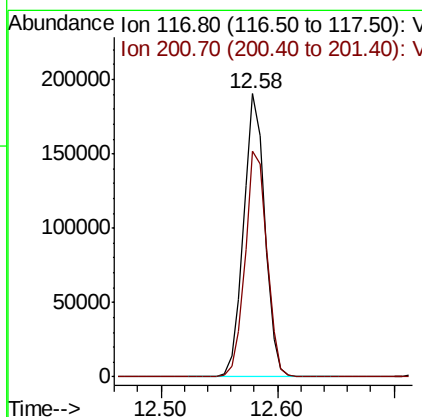
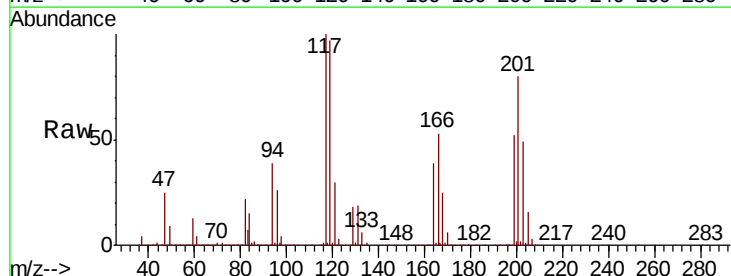
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

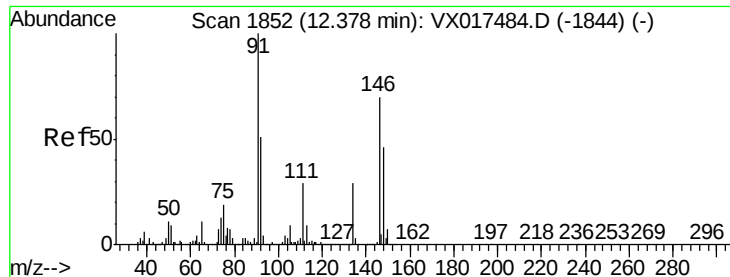
Tot Ion: 91 Resp: 1092308
Ion Ratio Lower Upper
91 100
92 51.8 26.7 80.1
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 48.088 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 117 Resp: 243216
Ion Ratio Lower Upper
117 100
201 82.0 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 47.642 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

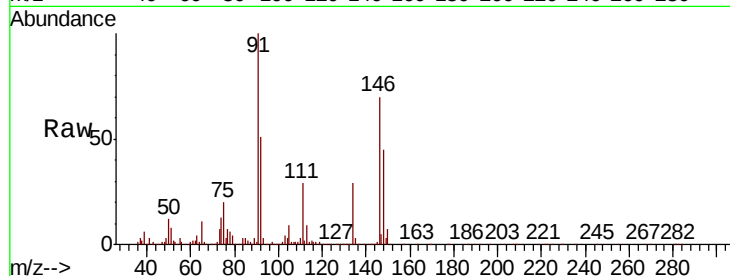
Tot Ion:146 Resp: 637174

Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.8

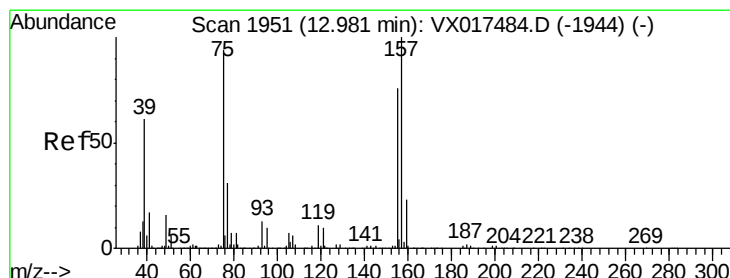
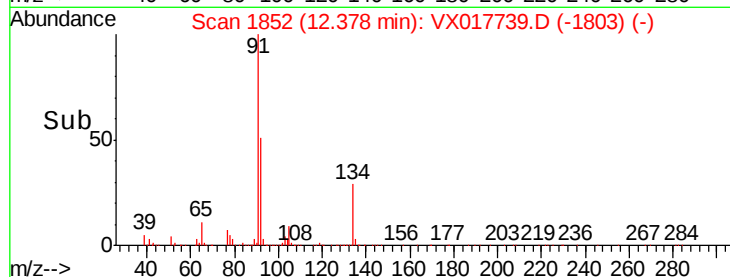
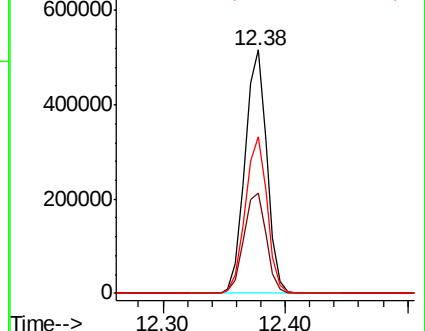
148 64.4 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.055 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

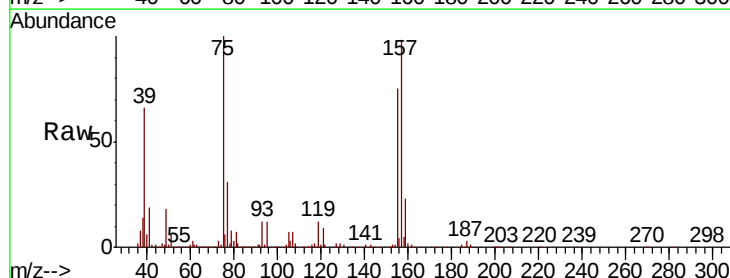
Tgt Ion: 75 Resp: 111903

Ion Ratio Lower Upper

75 100

155 84.7 42.3 126.8

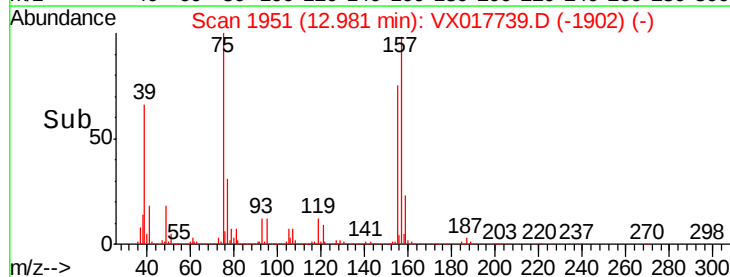
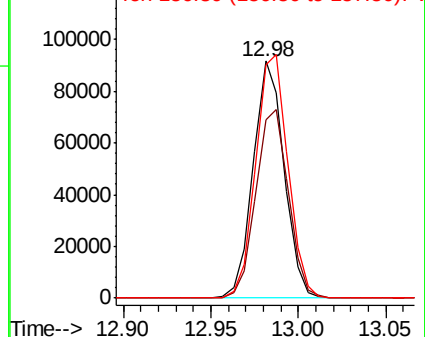
157 107.8 54.3 162.9

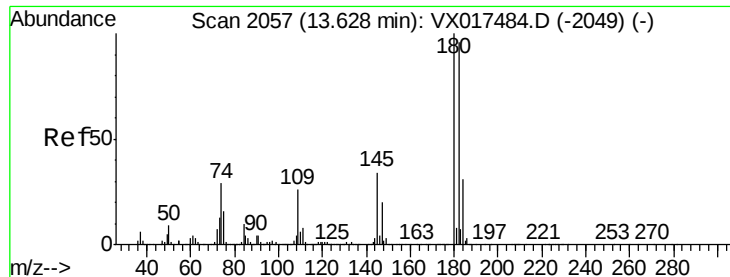


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

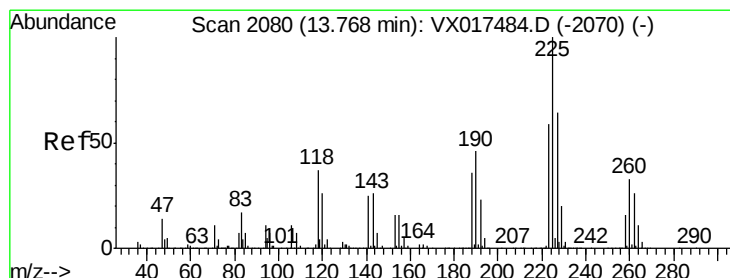
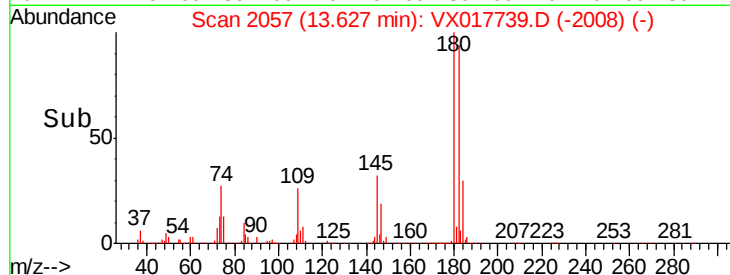
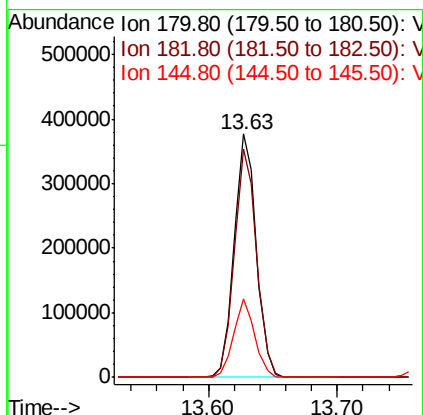
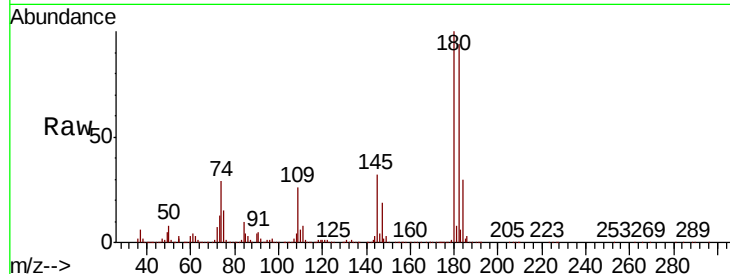




#93
 1,2,4-Trichlorobenzene
 Concen: 49.297 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

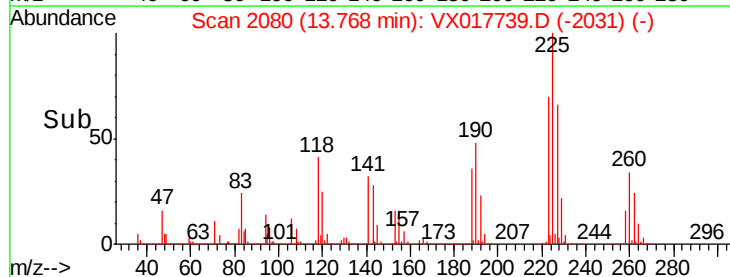
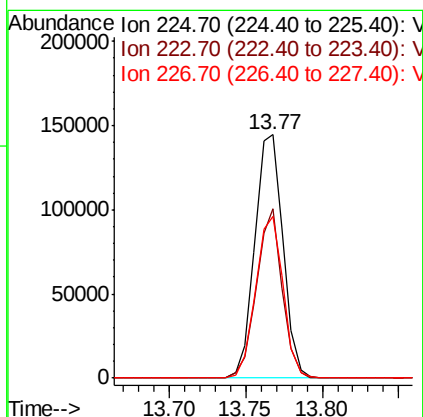
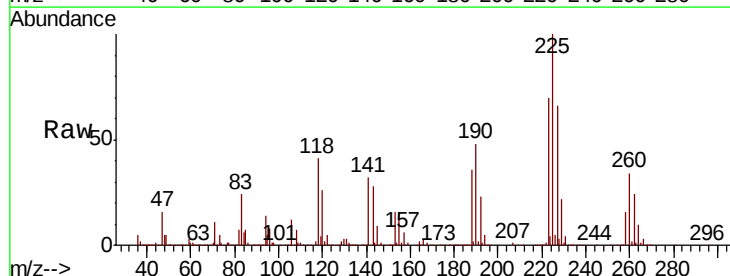
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

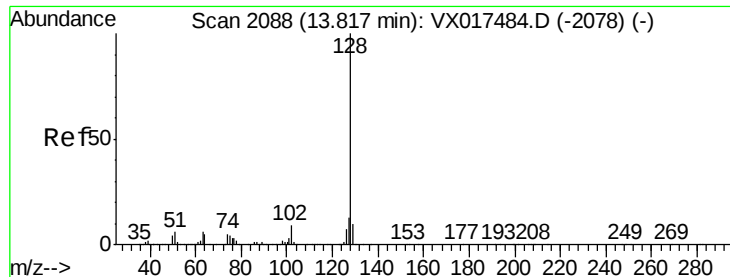
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	30.9	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 44.113 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.3	90.9
227	64.7	31.1	93.2





#95

Naphthalene

Concen: 53.252 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

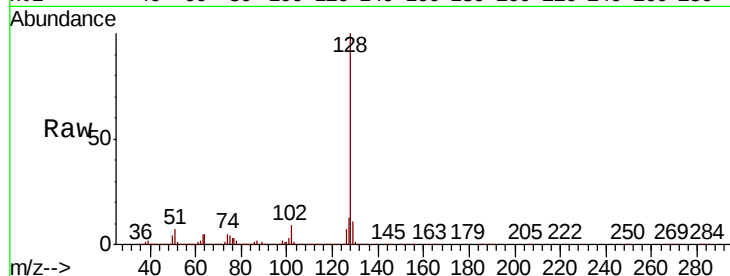
Tot Ion:128 Resp: 1451012

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

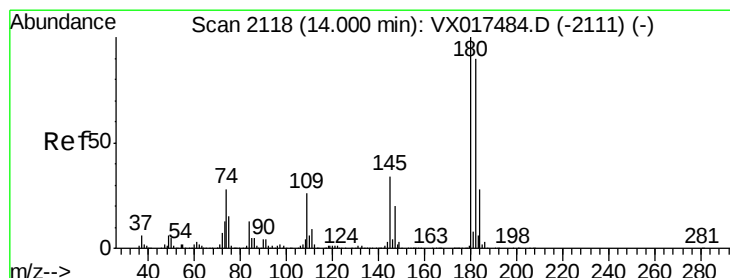
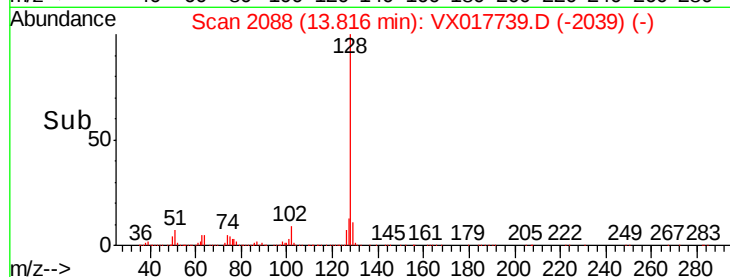
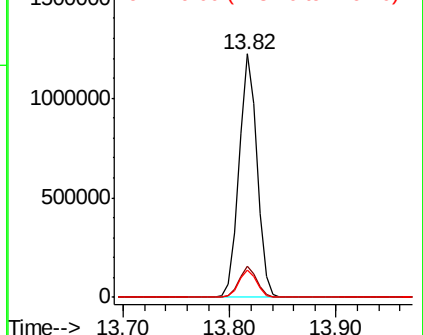
129 11.0 8.9 13.3



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: 50.159 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

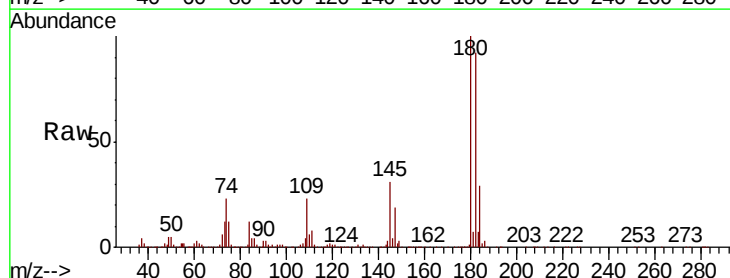
Tgt Ion:180 Resp: 452062

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 32.3 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

