

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017773.D
 Acq On : 04 Aug 2020 16:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 05 08:46:17 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	485189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	742437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	721226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	385611	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	341450	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	5.47	113	267372	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	8.70	98	960227	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	11.12	95	375185	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	216761	48.116	ug/l	98
3) Chloromethane	1.31	50	268808	44.859	ug/l	100
4) Vinyl Chloride	1.39	62	269786	44.187	ug/l	97
5) Bromomethane	1.62	94	161947	49.307	ug/l	96
6) Chloroethane	1.70	64	170718	50.718	ug/l	93
7) Trichlorofluoromethane	1.92	101	455760	47.459	ug/l	99
8) Diethyl Ether	2.17	74	157602	50.637	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	237015	44.975	ug/l	97
10) Methyl Iodide	2.50	142	297429	44.115	ug/l	96
11) Tert butyl alcohol	3.03	59	317414	241.647	ug/l	99
12) 1,1-Dichloroethene	2.36	96	229301	45.755	ug/l	96
13) Acrolein	2.27	56	242883	242.316	ug/l	98
14) Allyl chloride	2.71	41	460669	50.342	ug/l	98
15) Acrylonitrile	3.12	53	730760	257.573	ug/l	99
16) Acetone	2.42	43	712320	259.674	ug/l	98
17) Carbon Disulfide	2.55	76	619966	40.700	ug/l	98
18) Methyl Acetate	2.75	43	375933	58.190	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	836776	48.241	ug/l	100
20) Methylene Chloride	2.84	84	281474	54.601	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	244963	45.628	ug/l	95
22) Diisopropyl ether	3.83	45	860064	51.402	ug/l	99
23) Vinyl Acetate	3.79	43	3841043	257.466	ug/l	99
24) 1,1-Dichloroethane	3.67	63	477332	49.523	ug/l	99
25) 2-Butanone	4.64	43	1050243	269.507	ug/l	98
26) 2,2-Dichloropropane	4.55	77	399466	46.300	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	290576	49.831	ug/l	98
28) Bromochloromethane	4.98	49	211125	48.337	ug/l	97
29) Tetrahydrofuran	5.09	42	657238	272.279	ug/l	99
30) Chloroform	5.18	83	509587	51.743	ug/l	98
31) Cyclohexane	5.55	56	364709	47.450	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	473602	50.997	ug/l	100
36) 1,1-Dichloropropene	5.77	75	351003	49.294	ug/l	99
37) Ethyl Acetate	4.80	43	412181	52.904	ug/l	99
38) Carbon Tetrachloride	5.76	117	432042	49.964	ug/l	99

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 QLast Update : Fri Jul 24 05:48:09 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	362017	43.551	ug/l	100
40) Benzene	6.12	78	1101042	53.934	ug/l	98
41) Methacrylonitrile	5.01	41	231179	51.767	ug/l	98
42) 1,2-Dichloroethane	6.17	62	449687	53.844	ug/l	98
43) Isopropyl Acetate	6.42	43	687225	53.461	ug/l	100
44) Trichloroethene	7.19	130	335460	56.229	ug/l	94
45) 1,2-Dichloropropane	7.49	63	275862	48.745	ug/l	97
46) Dibromomethane	7.64	93	201859	50.472	ug/l	98
47) Bromodichloromethane	7.88	83	419653	52.148	ug/l	99
48) Methyl methacrylate	7.75	41	344029	53.990	ug/l	99
49) 1,4-Dioxane	7.72	88	118298	968.332	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2155194	280.991	ug/l	99
52) Toluene	8.77	92	658876	50.326	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	448935	49.835	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	454706	49.486	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	289320	53.048	ug/l	97
56) Ethyl methacrylate	9.16	69	449580	54.715	ug/l	100
57) 1,3-Dichloropropane	9.35	76	467577	52.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1123028	259.423	ug/l	99
59) 2-Hexanone	9.48	43	1492575	258.471	ug/l	99
60) Dibromochloromethane	9.57	129	369688	53.331	ug/l	100
61) 1,2-Dibromoethane	9.65	107	309131	53.239	ug/l	99
64) Tetrachloroethene	9.32	164	313199	48.384	ug/l	96
65) Chlorobenzene	10.12	112	804901	51.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	336683	53.438	ug/l	100
67) Ethyl Benzene	10.24	91	1431415	54.930	ug/l	99
68) m/p-Xylenes	10.34	106	1068776	105.869	ug/l	97
69) o-Xylene	10.68	106	477474	49.177	ug/l	99
70) Styrene	10.70	104	840868	50.901	ug/l	98
71) Bromoform	10.84	173	263580	48.287	ug/l	98
73) Isopropylbenzene	11.00	105	1302538	49.239	ug/l	99
74) N-amyl acetate	10.88	43	556893	47.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	383520	46.447	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	483583	60.965	ug/l	82
77) Bromobenzene	11.24	156	341210	46.074	ug/l	99
78) n-propylbenzene	11.34	91	1459634	48.923	ug/l	100
79) 2-Chlorotoluene	11.40	91	881089	47.673	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1098856	48.651	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	145671	46.275	ug/l	99
82) 4-Chlorotoluene	11.49	91	1059203	48.584	ug/l	100
83) tert-Butylbenzene	11.76	119	1049383	48.556	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1095343	48.758	ug/l	99
85) sec-Butylbenzene	11.93	105	1227706	48.765	ug/l	99
86) p-Isopropyltoluene	12.05	119	1156815	48.250	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	593928	46.702	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	612069	46.464	ug/l	98
89) n-Butylbenzene	12.37	91	959472	44.911	ug/l	100
90) Hexachloroethane	12.58	117	216418	45.786	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	594480	47.562	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106152	45.693	ug/l	98

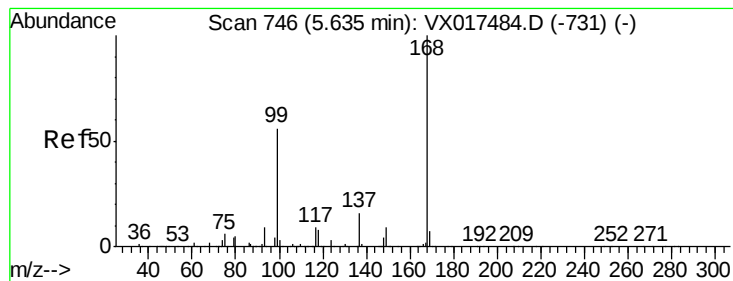
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	402771	47.215	ug/l	99
94) Hexachlorobutadiene	13.77	225	144506	36.801	ug/l	95
95) Naphthalene	13.82	128	1301235	51.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	397096	47.145	ug/l	97

(#) = 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: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

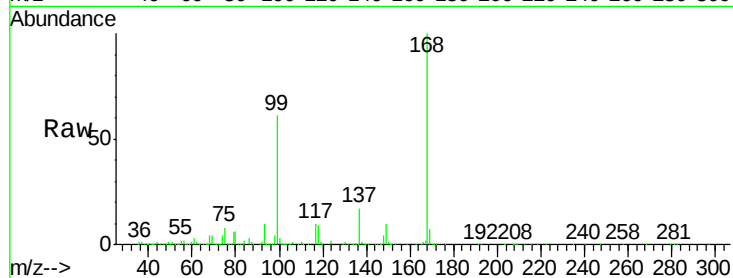
VSTDCCC050EC

Tgt Ion:168 Resp: 485189

Ion Ratio Lower Upper

168 100

99 60.3 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

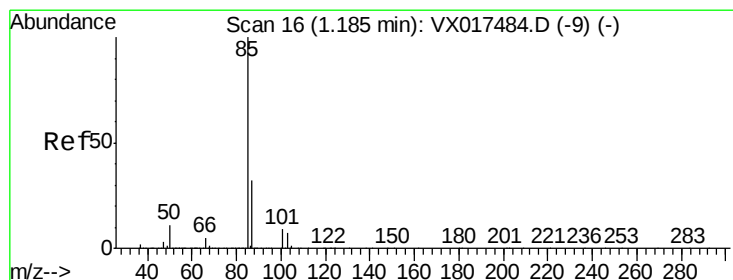
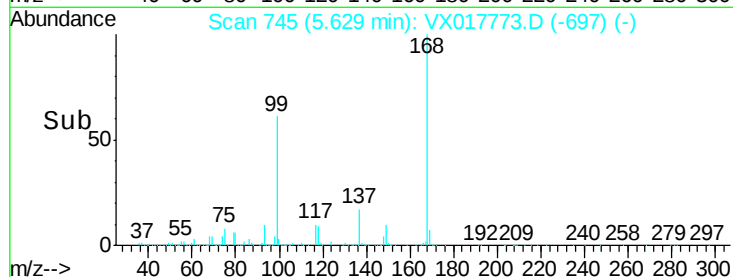
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.116 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017773.D

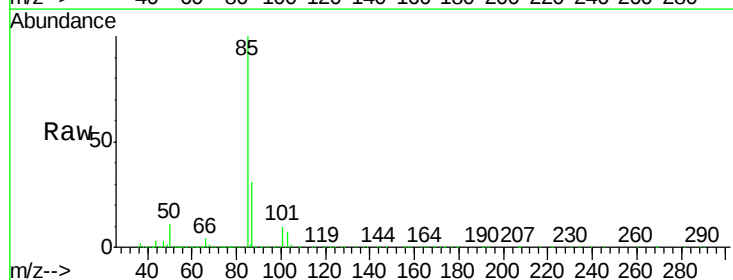
Acq: 04 Aug 2020 16:11

Tgt Ion: 85 Resp: 216761

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

250000

200000

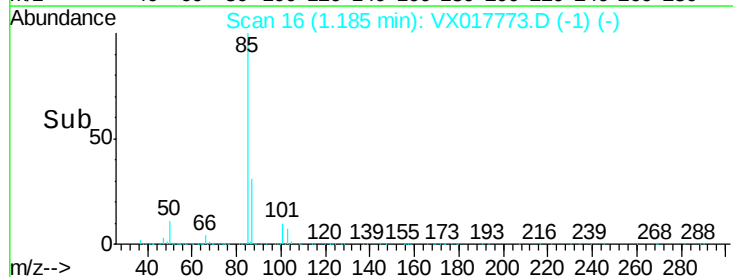
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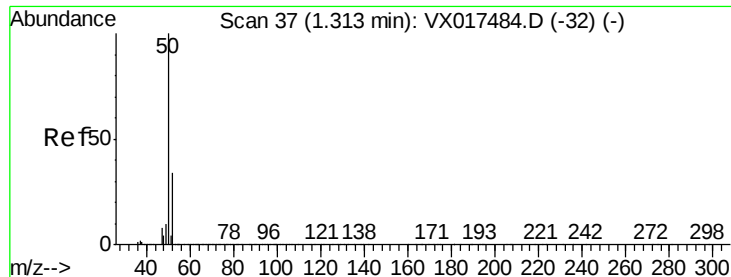
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.859 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

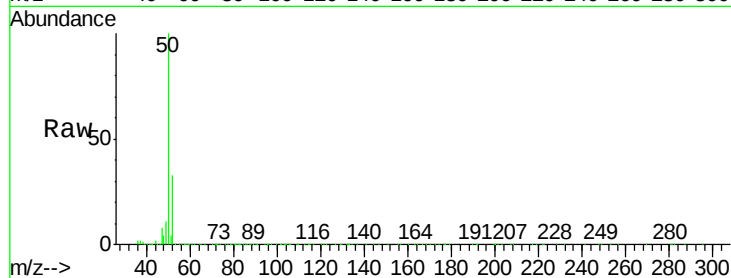
VSTDCCC050EC

Tgt Ion: 50 Resp: 268808

Ion Ratio Lower Upper

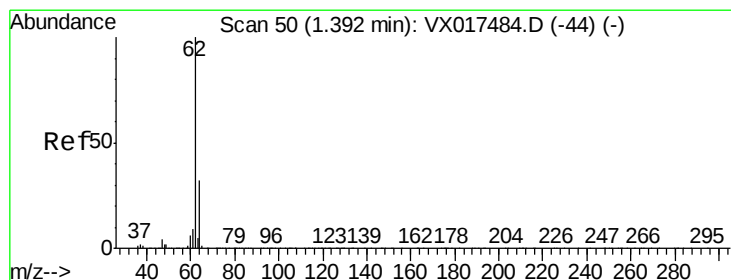
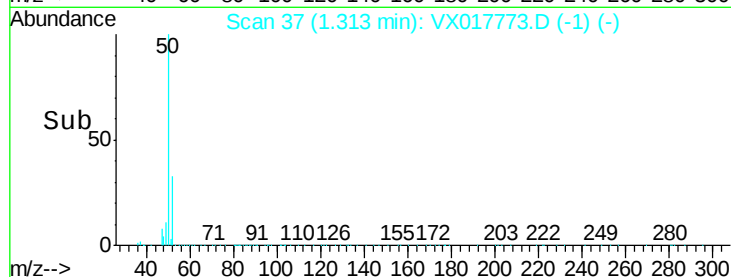
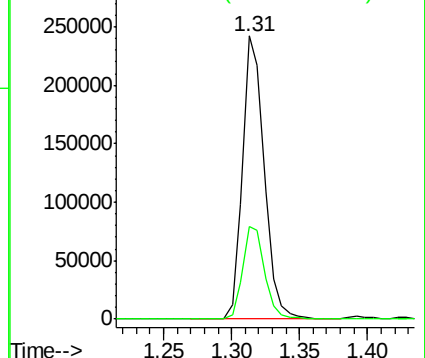
50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.187 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017773.D

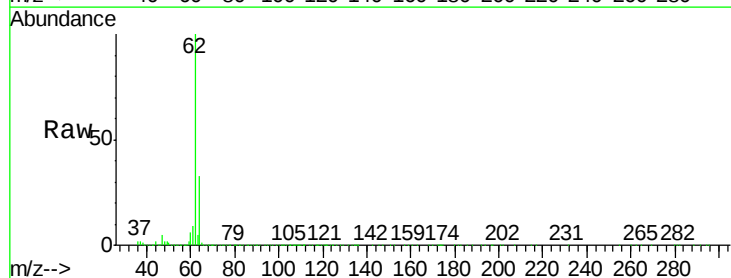
Acq: 04 Aug 2020 16:11

Tgt Ion: 62 Resp: 269786

Ion Ratio Lower Upper

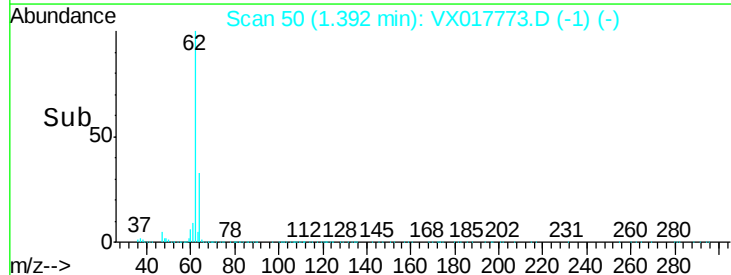
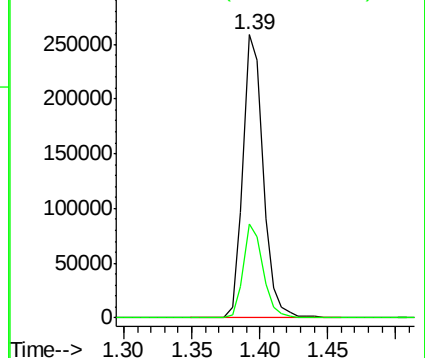
62 100

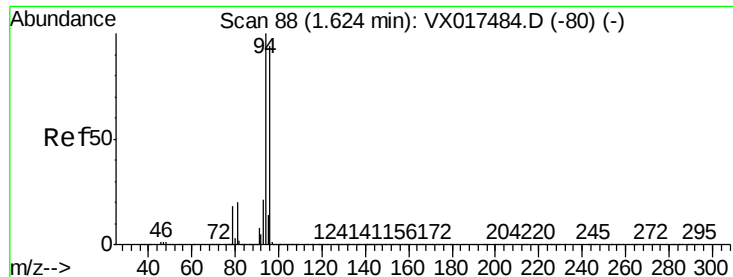
64 32.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.307 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

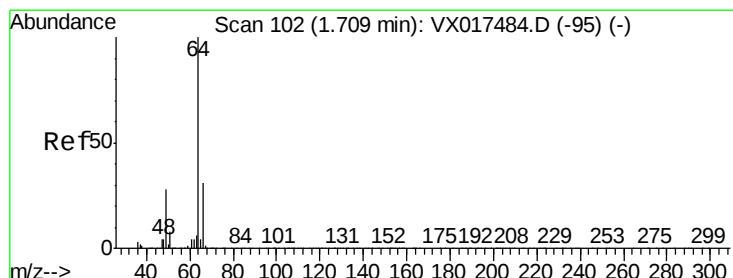
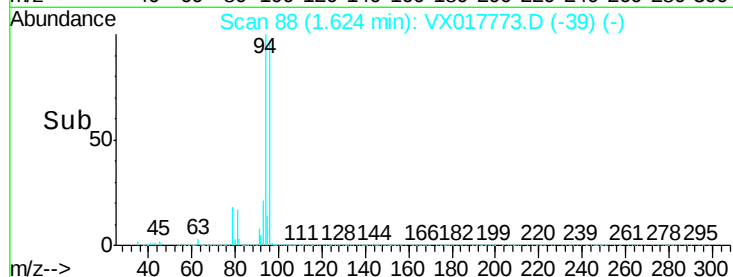
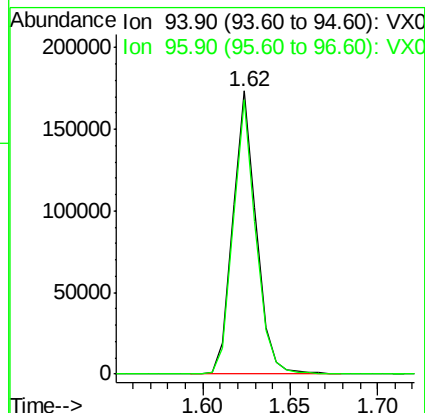
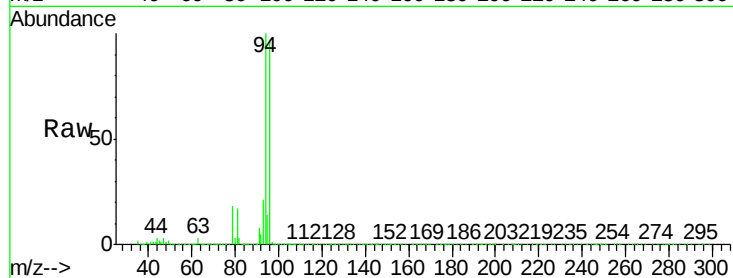
VSTDCCC050EC

Tgt Ion: 94 Resp: 161947

Ion Ratio Lower Upper

94 100

96 96.9 74.1 111.1



#6

Chloroethane

Concen: 50.718 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017773.D

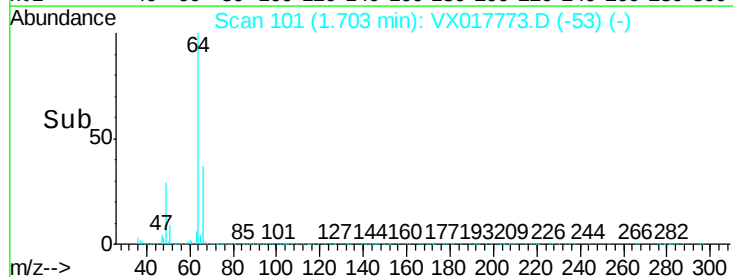
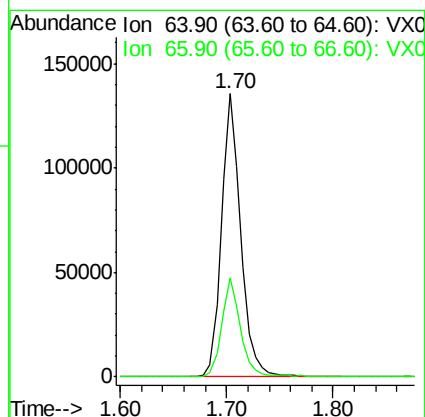
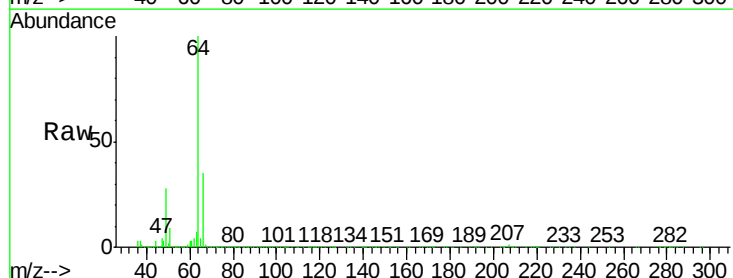
Acq: 04 Aug 2020 16:11

Tgt Ion: 64 Resp: 170718

Ion Ratio Lower Upper

64 100

66 34.9 24.9 37.3



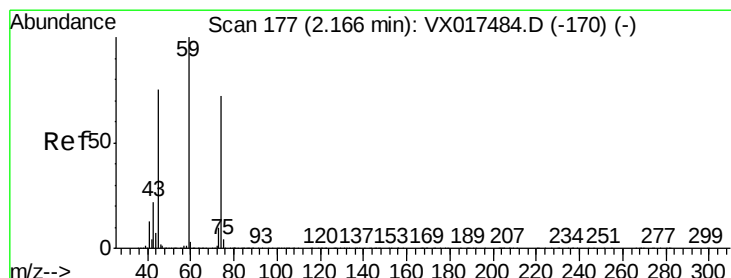
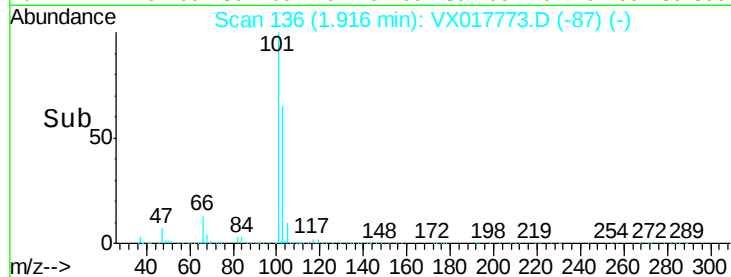
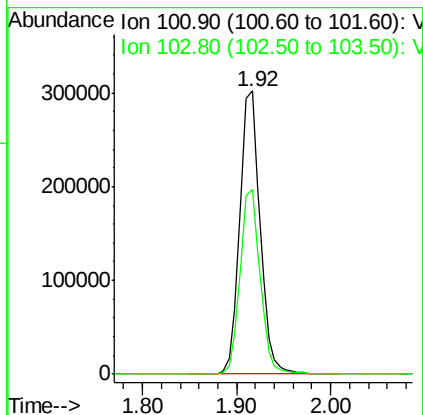
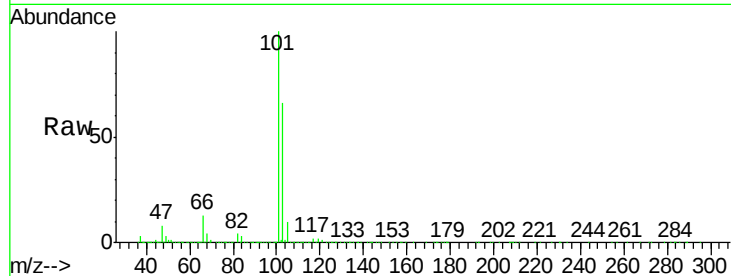


#7

Trichlorofluoromethane
Concen: 47.459 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

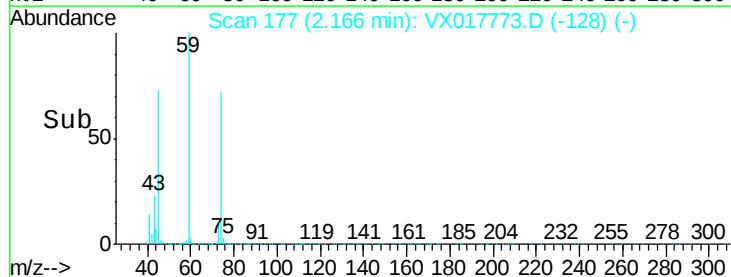
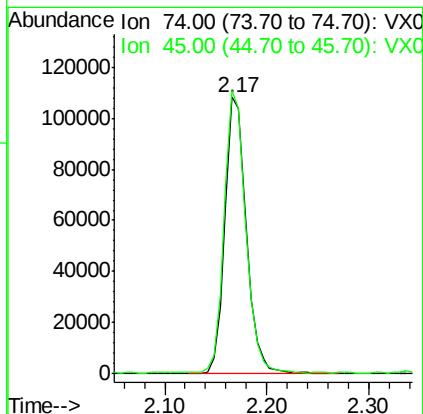
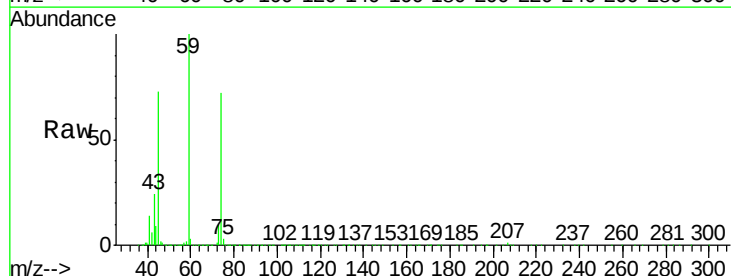
Tgt Ion:101 Resp: 455760
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

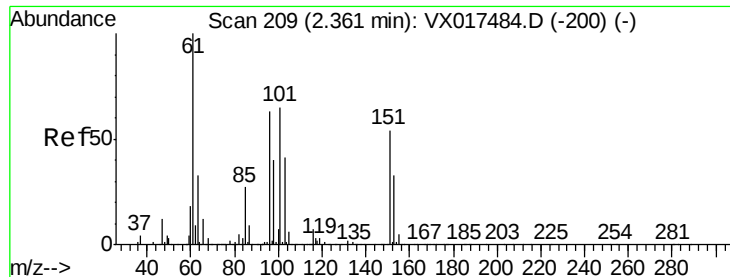


#8

Diethyl Ether
Concen: 50.637 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion: 74 Resp: 157602
Ion Ratio Lower Upper
74 100
45 101.8 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.975 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

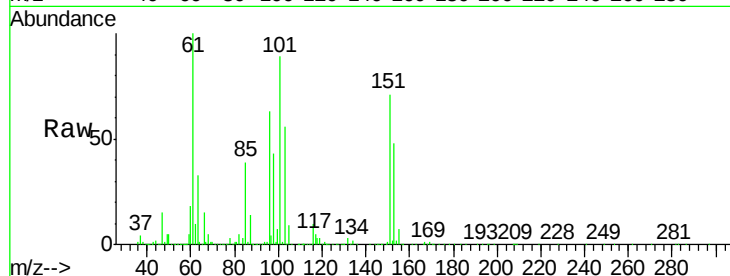
Tgt Ion:101 Resp: 237015

Ion Ratio Lower Upper

101 100

85 44.1 34.8 52.2

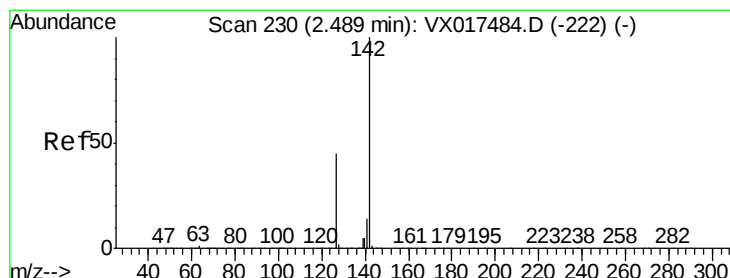
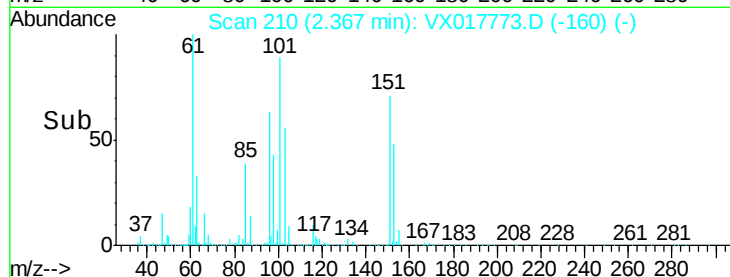
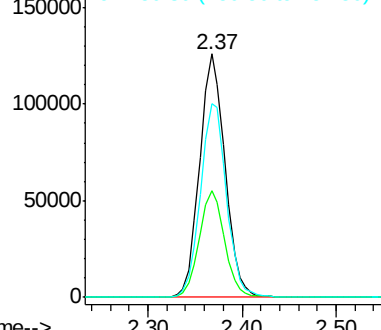
151 81.4 68.0 102.0



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: 44.115 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

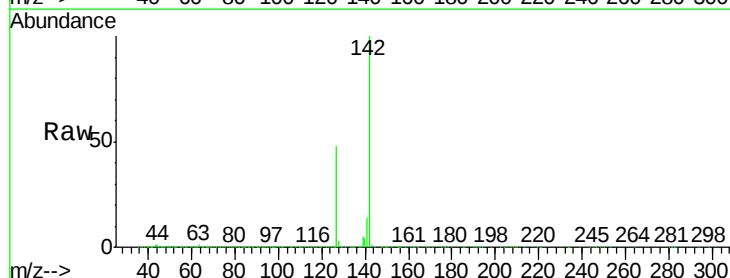
Tgt Ion:142 Resp: 297429

Ion Ratio Lower Upper

142 100

127 48.0 35.9 53.9

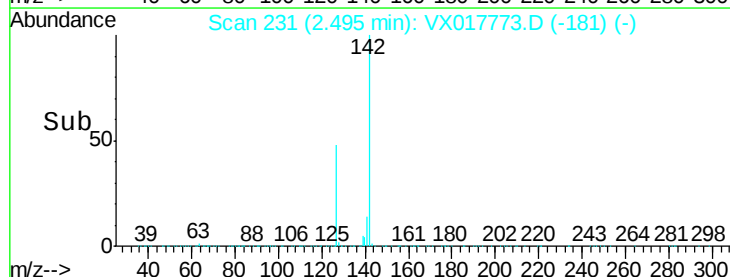
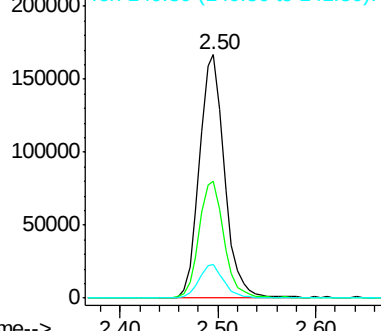
141 13.9 11.4 17.0

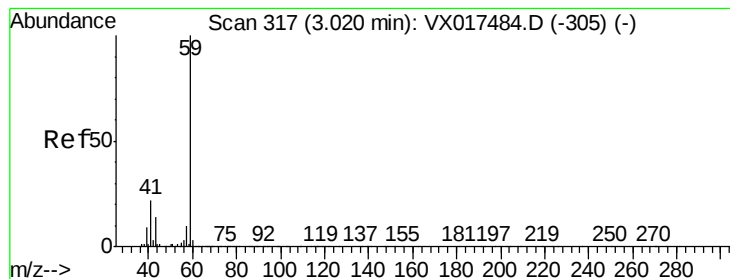


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



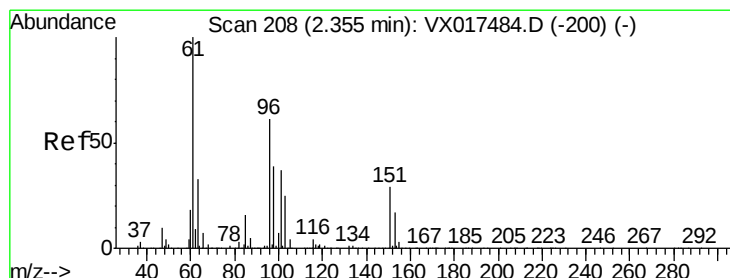
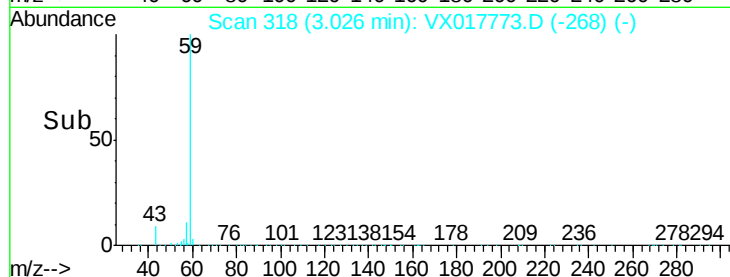
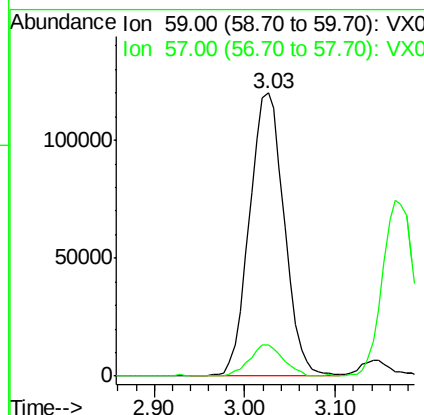
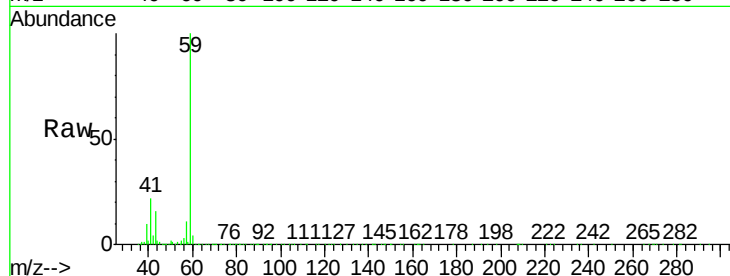


#11

Tert butyl alcohol
 Concen: 241.647 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

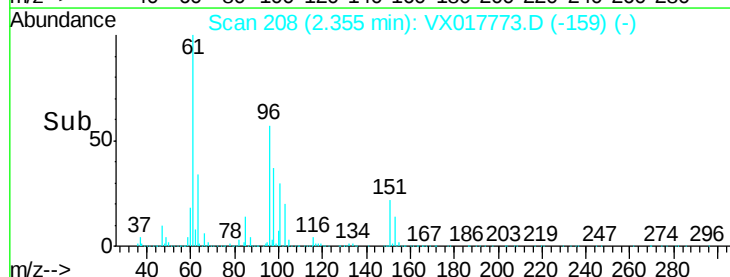
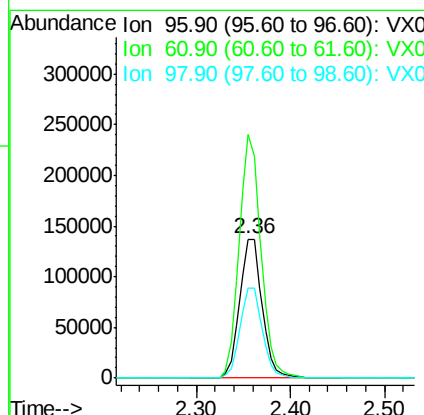
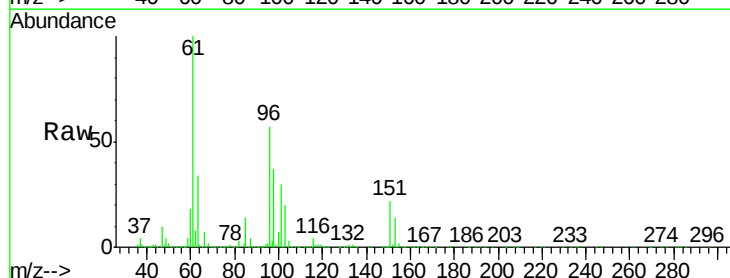
Tgt Ion: 59 Resp: 317414
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.6 12.8

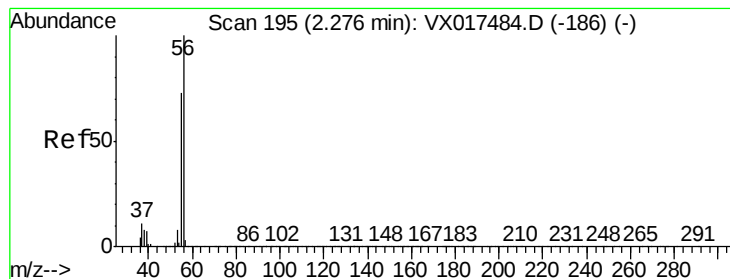


#12

1,1-Dichloroethene
 Concen: 45.755 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion: 96 Resp: 229301
 Ion Ratio Lower Upper
 96 100
 61 174.9 134.0 201.0
 98 64.8 51.0 76.4





#13

Acrolein

Concen: 242.316 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

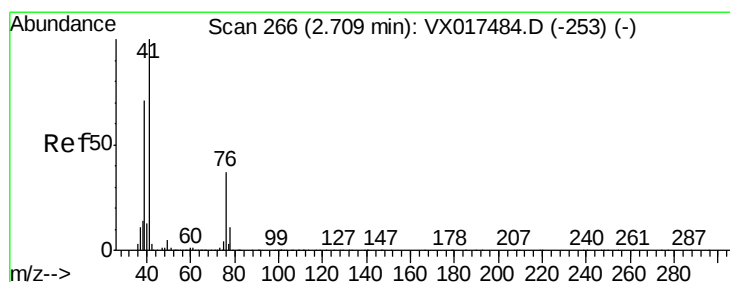
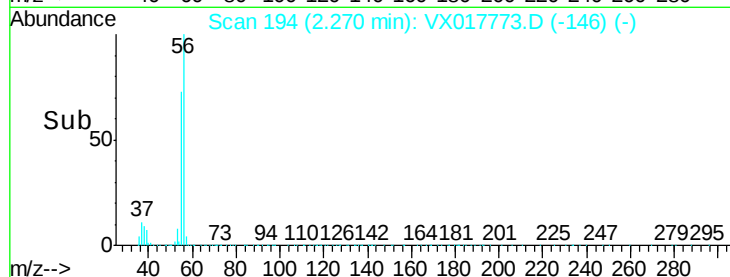
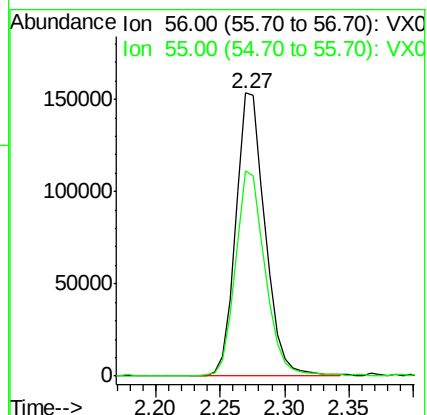
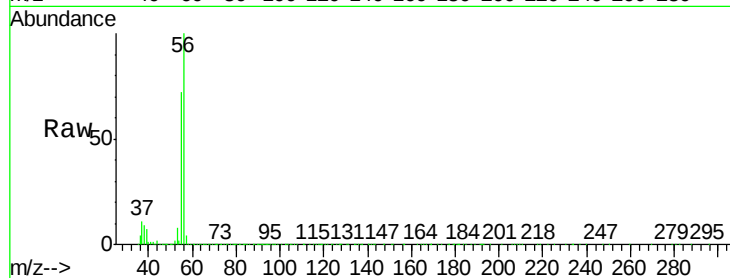
VSTDCCC050EC

Tgt Ion: 56 Resp: 242883

Ion Ratio Lower Upper

56 100

55 73.3 57.4 86.2



#14

Allyl chloride

Concen: 50.342 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

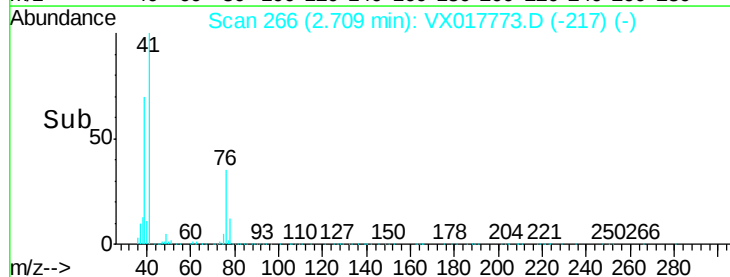
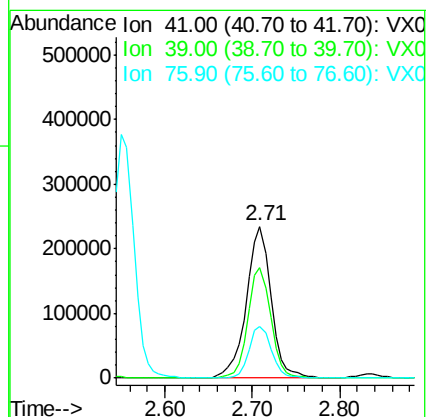
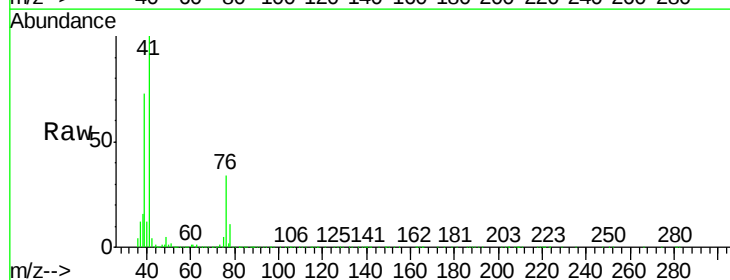
Tgt Ion: 41 Resp: 460669

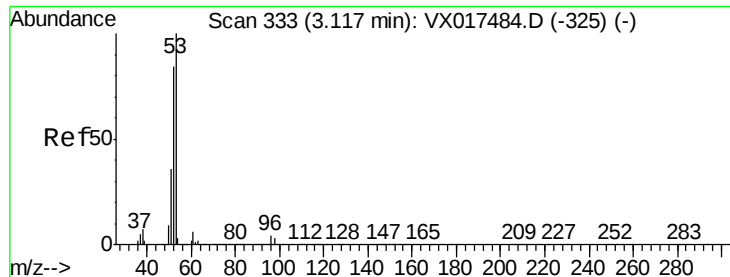
Ion Ratio Lower Upper

41 100

39 67.0 51.9 77.9

76 31.0 25.5 38.3





#15

Acrylonitrile

Concen: 257.573 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

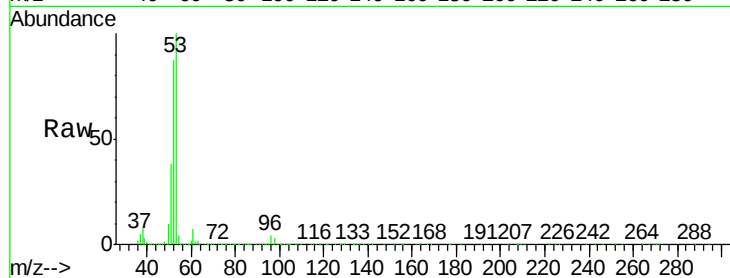
Tgt Ion: 53 Resp: 730760

Ion Ratio Lower Upper

53 100

52 83.6 66.6 99.8

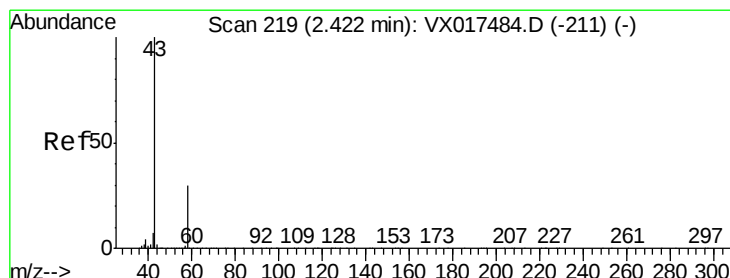
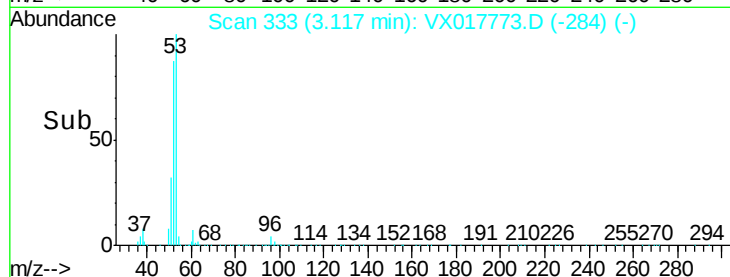
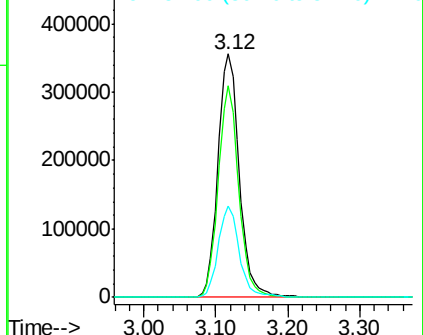
51 37.5 29.4 44.2



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: 259.674 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017773.D

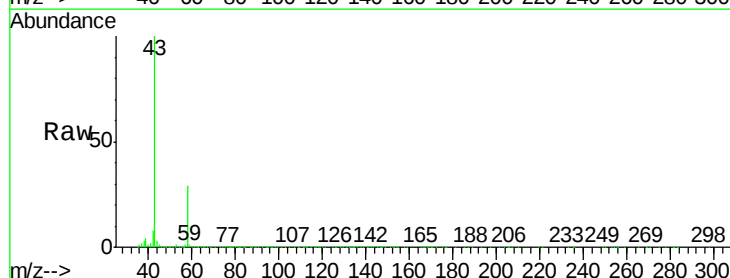
Acq: 04 Aug 2020 16:11

Tgt Ion: 43 Resp: 712320

Ion Ratio Lower Upper

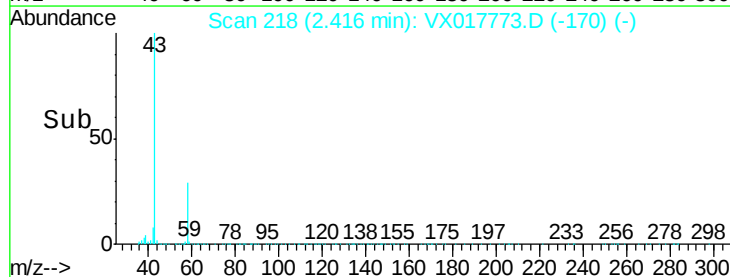
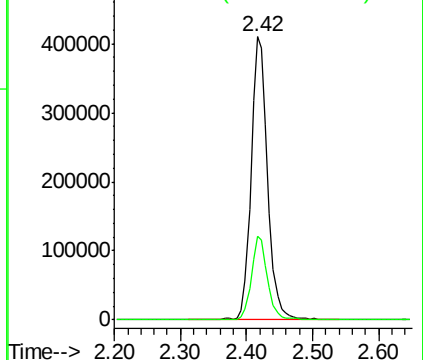
43 100

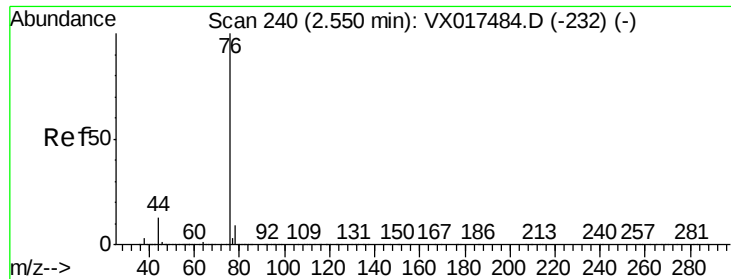
58 29.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

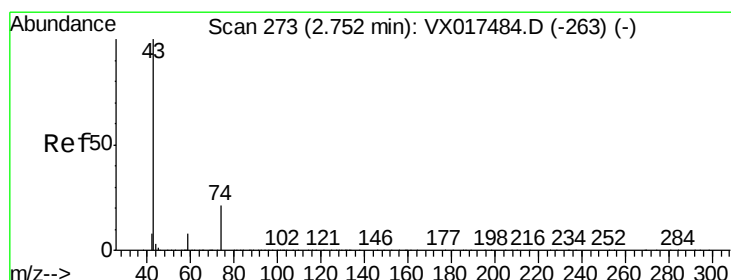
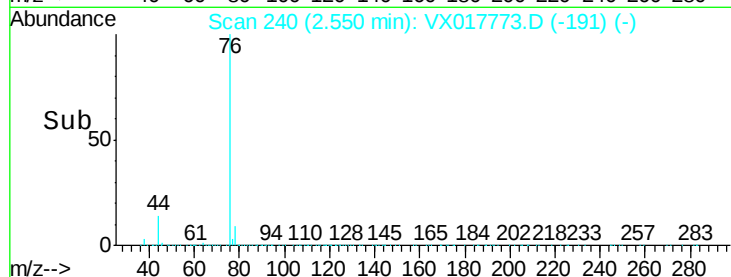
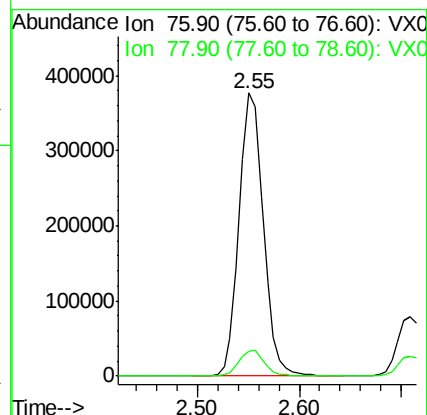
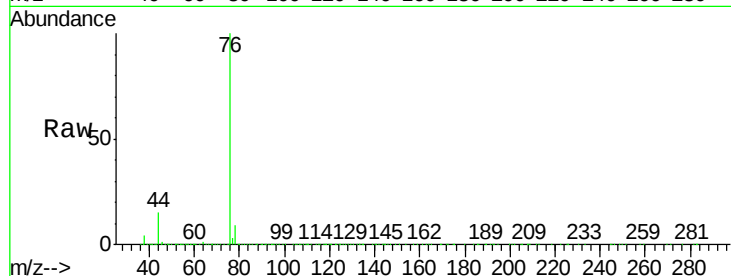




#17
Carbon Disulfide
Concen: 40.700 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

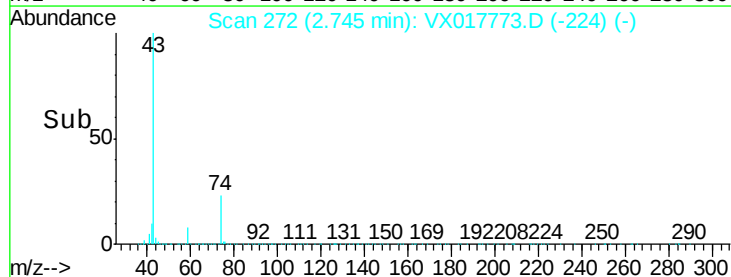
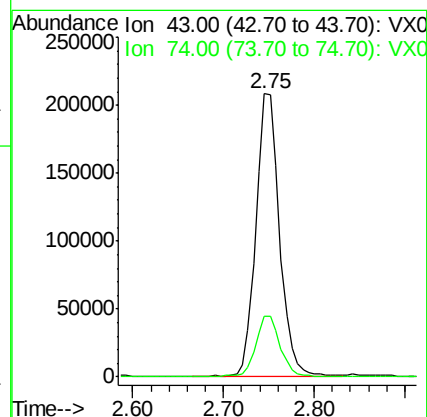
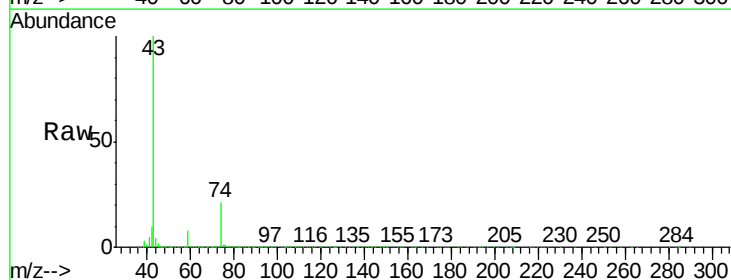
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

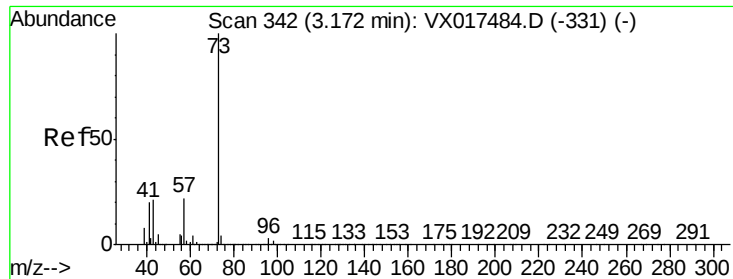
Tgt Ion: 76 Resp: 619966
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 58.190 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion: 43 Resp: 375933
Ion Ratio Lower Upper
43 100
74 22.1 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 48.241 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

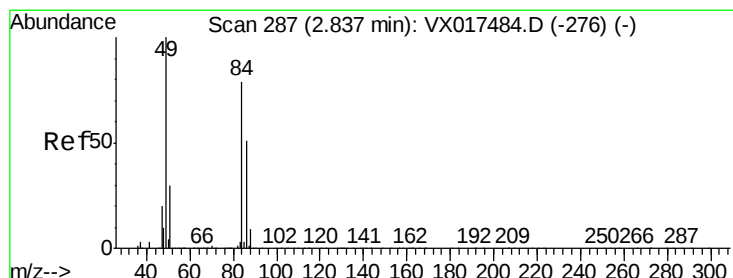
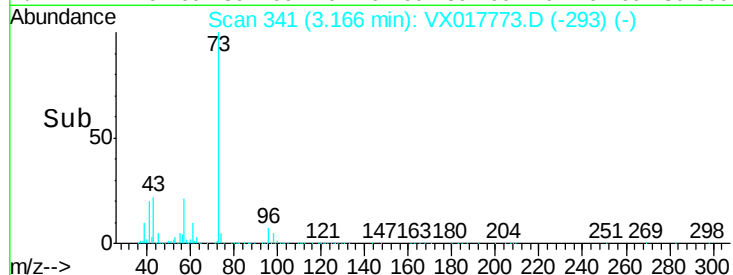
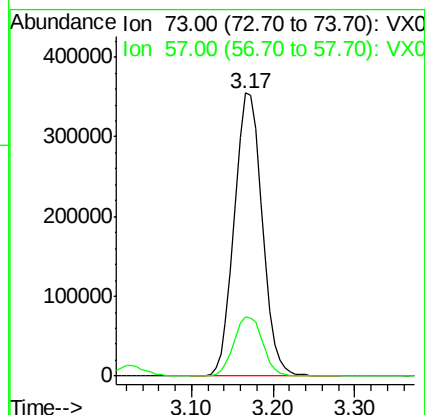
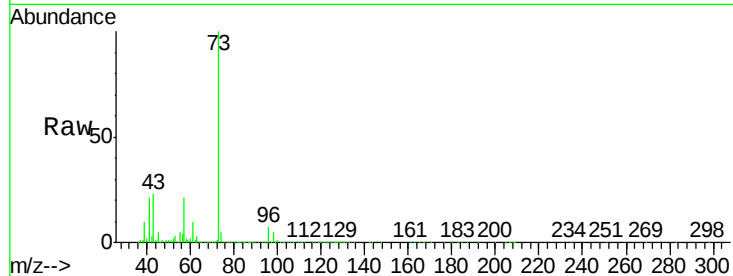
VSTDCCC050EC

Tgt Ion: 73 Resp: 836776

Ion Ratio Lower Upper

73 100

57 21.0 17.0 25.4



#20

Methylene Chloride

Concen: 54.601 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion: 84 Resp: 281474

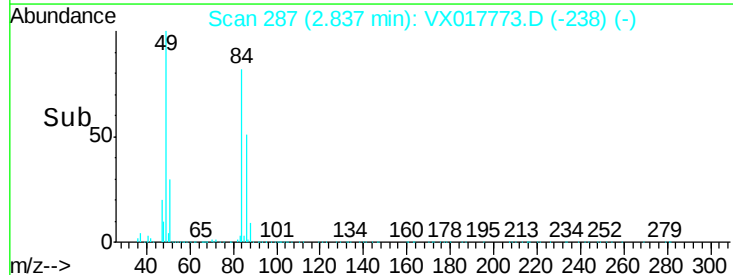
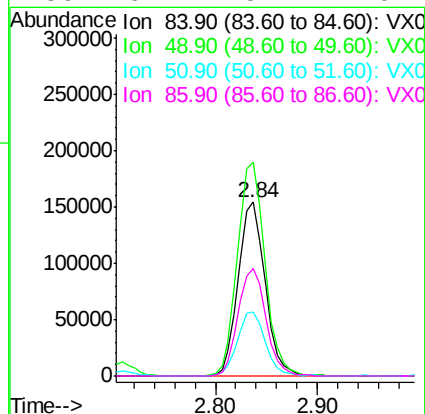
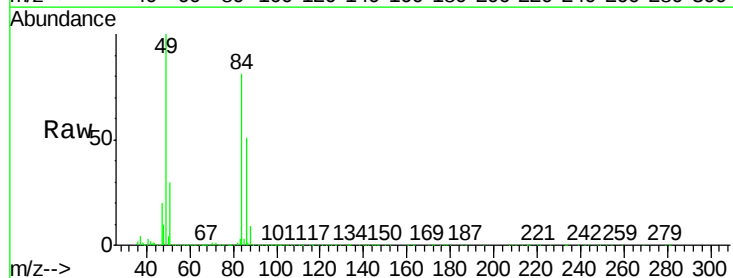
Ion Ratio Lower Upper

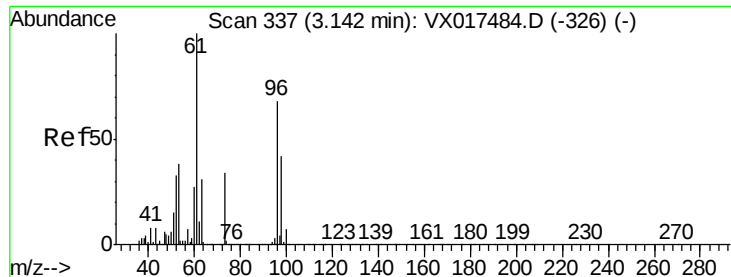
84 100

49 122.8 100.3 150.5

51 37.0 30.5 45.7

86 62.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.628 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

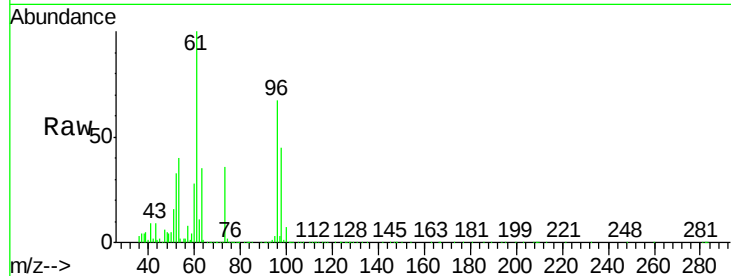
Tgt Ion: 96 Resp: 244963

Ion Ratio Lower Upper

96 100

61 148.2 113.0 169.4

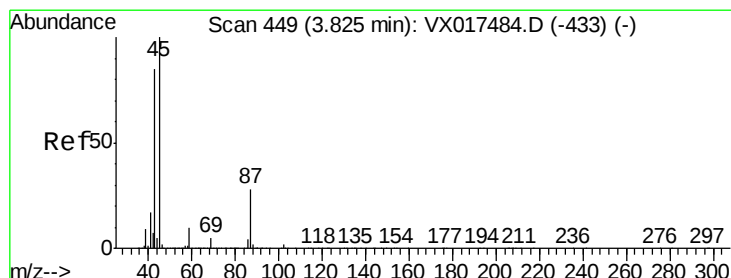
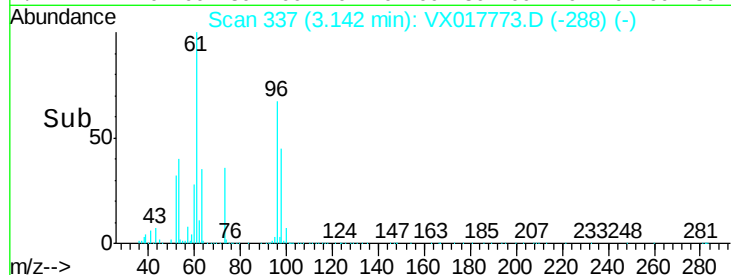
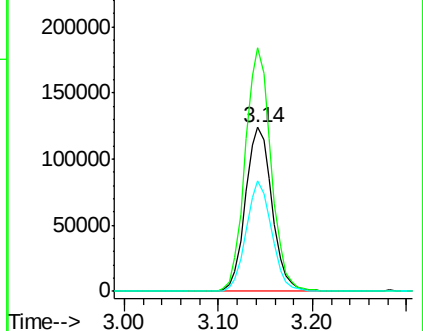
98 67.1 51.8 77.8



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: 51.402 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion: 45 Resp: 860064

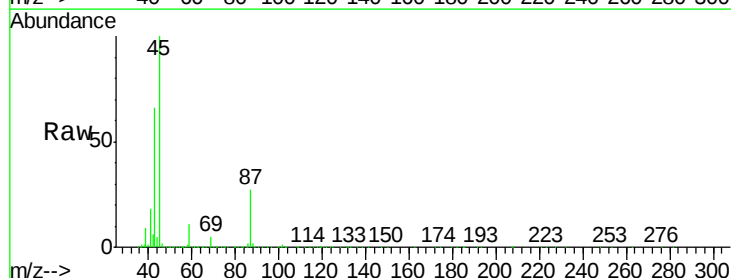
Ion Ratio Lower Upper

45 100

43 65.9 52.0 78.0

87 27.1 22.2 33.4

59 11.4 8.9 13.3

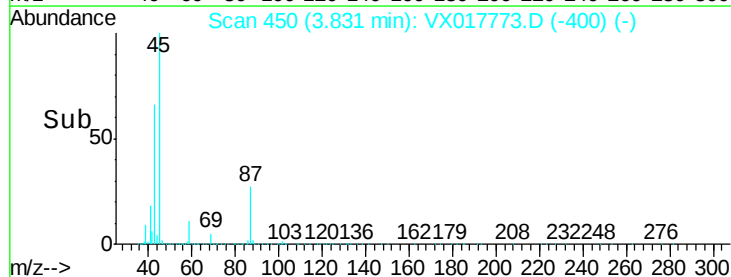
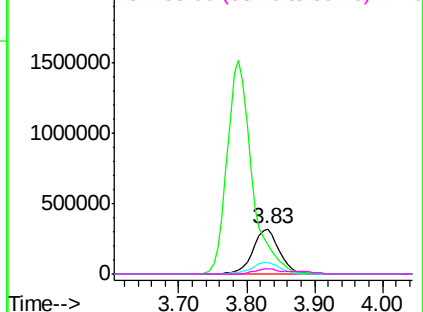


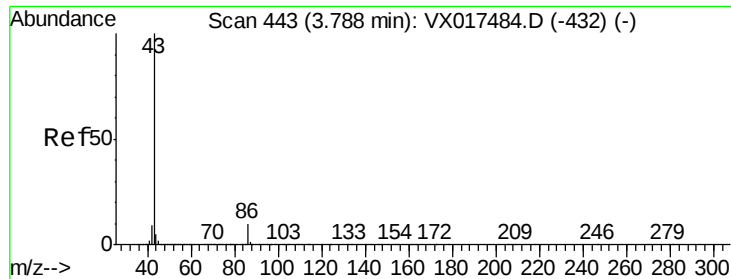
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 257.466 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

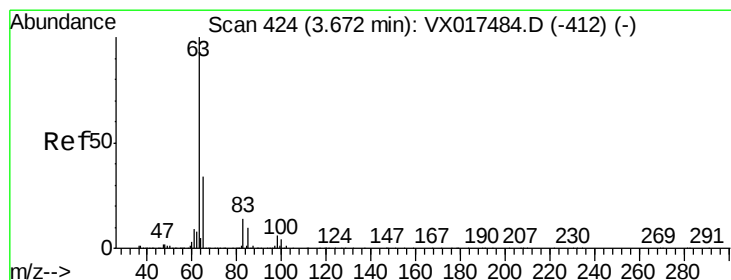
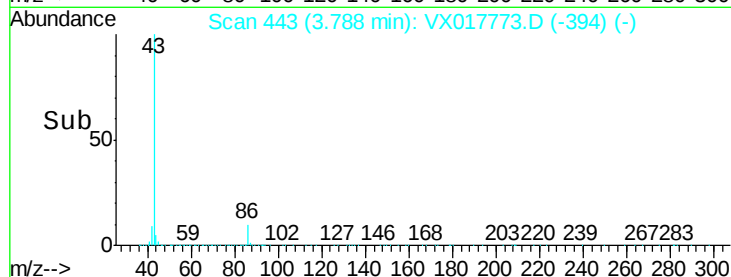
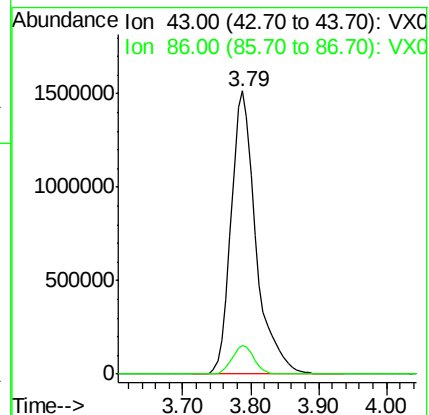
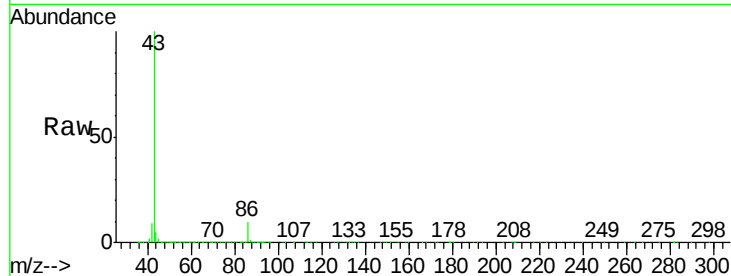
VSTDCCC050EC

Tgt Ion: 43 Resp: 3841043

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.4



#24

1,1-Dichloroethane

Concen: 49.523 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

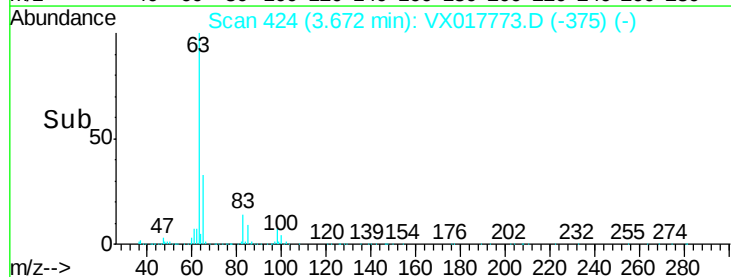
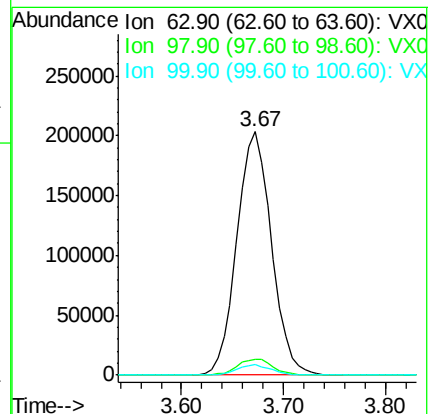
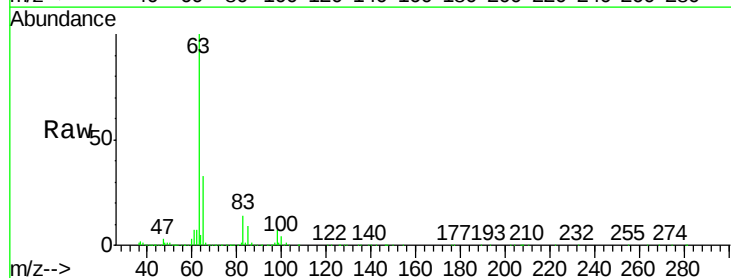
Tgt Ion: 63 Resp: 477332

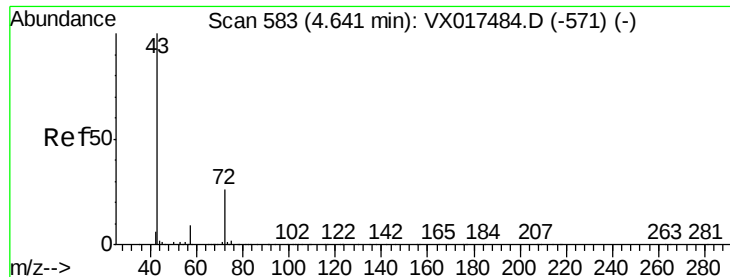
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.3 1.9 5.7





#25

2-Butanone

Concen: 269.507 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

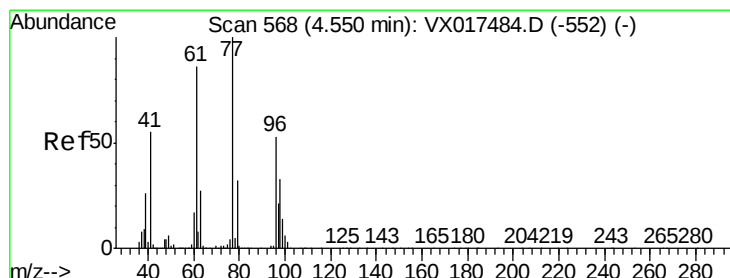
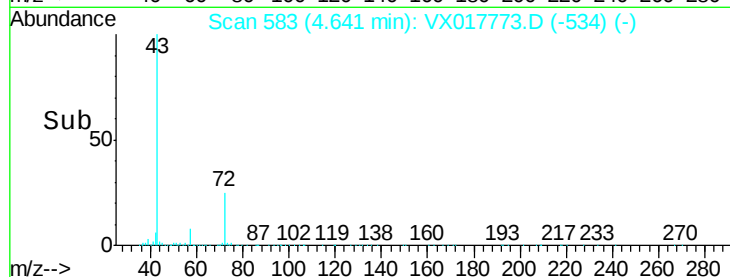
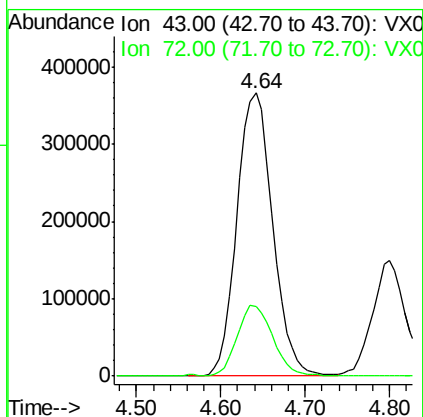
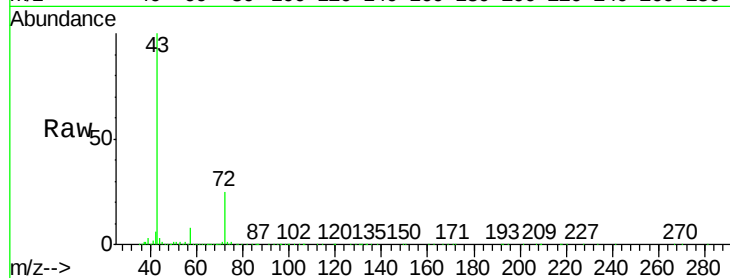
VSTDCCC050EC

Tgt Ion: 43 Resp: 1050243

Ion Ratio Lower Upper

43 100

72 24.6 19.0 28.4



#26

2,2-Dichloropropane

Concen: 46.300 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017773.D

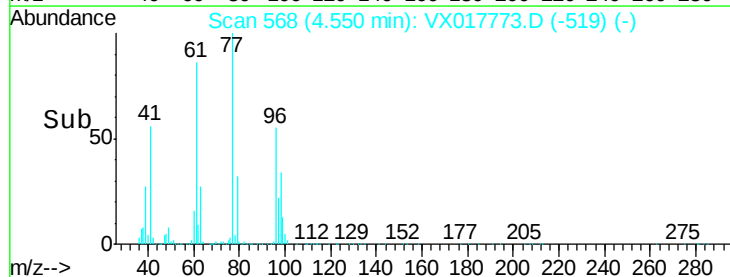
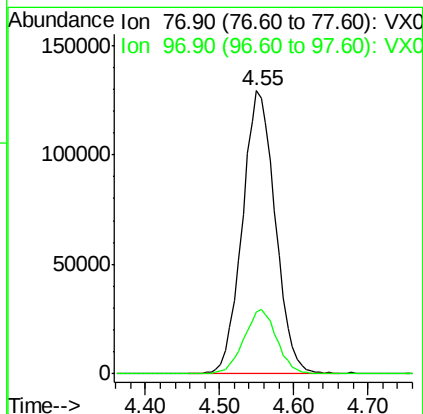
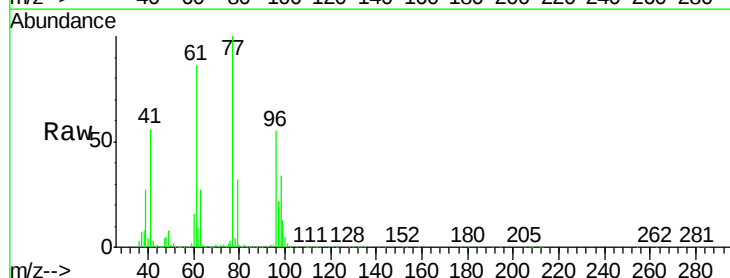
Acq: 04 Aug 2020 16:11

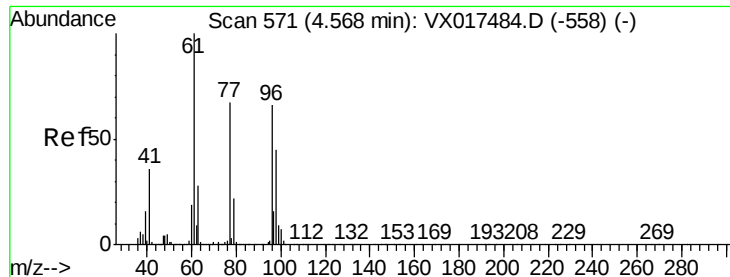
Tgt Ion: 77 Resp: 399466

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9



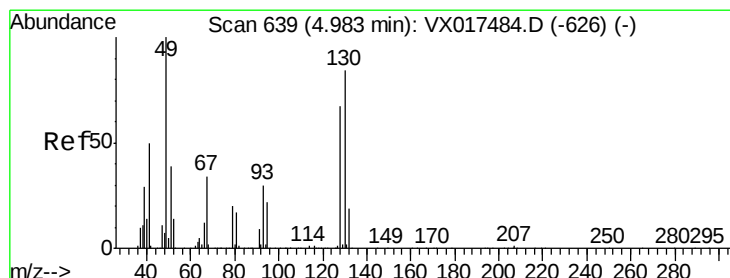
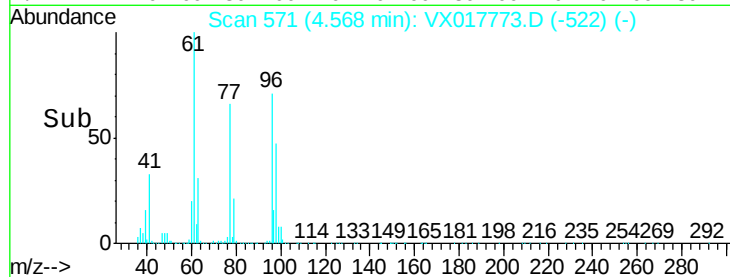
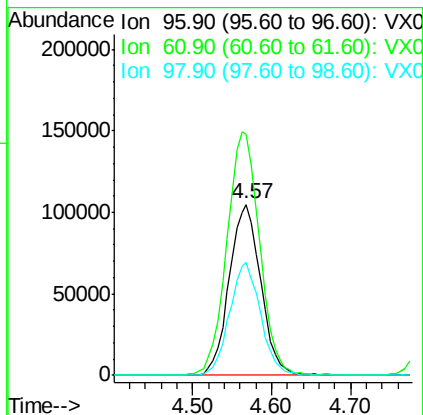
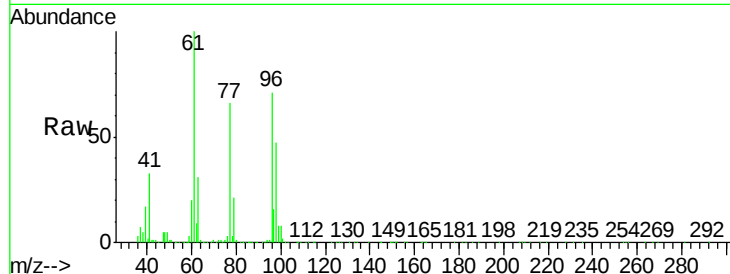


#27

cis-1,2-Dichloroethene
Concen: 49.831 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

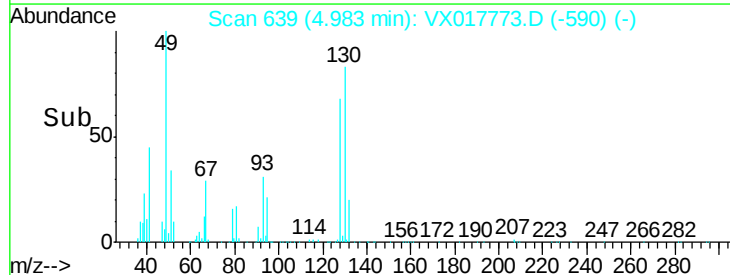
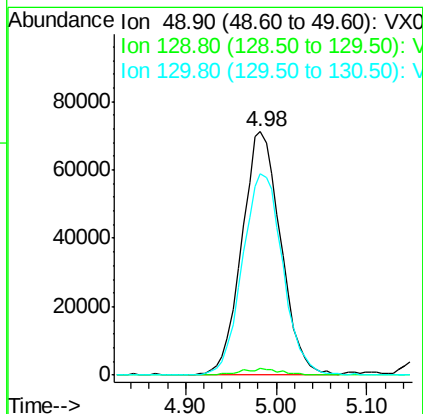
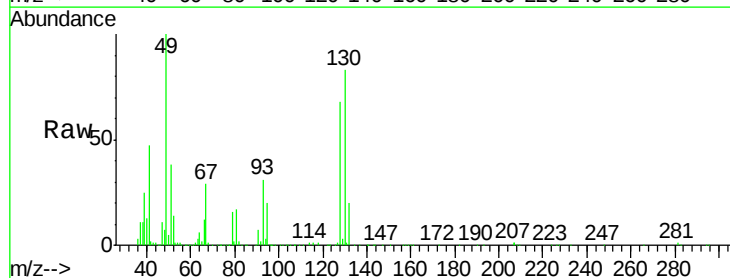
Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	301.2
98	65.2	0.0	130.0

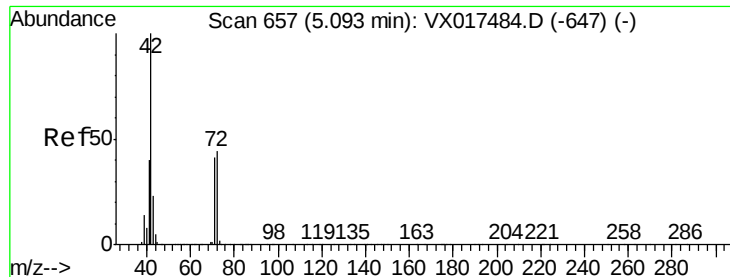


#28

Bromochloromethane
Concen: 48.337 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	85.8	66.7	100.1





#29

Tetrahydrofuran

Concen: 272.279 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

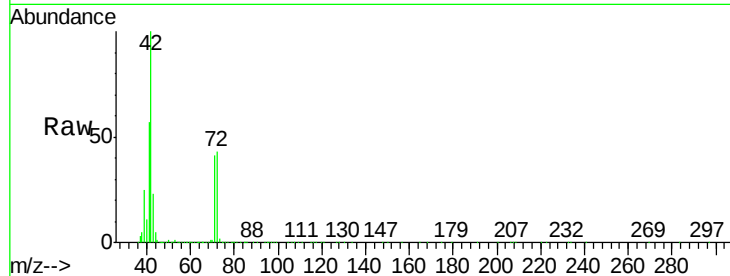
Tgt Ion: 42 Resp: 657238

Ion Ratio Lower Upper

42 100

72 43.4 35.5 53.3

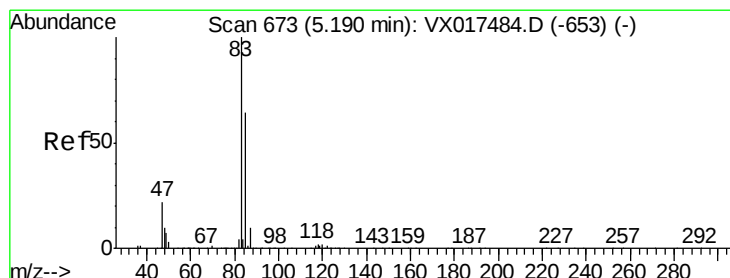
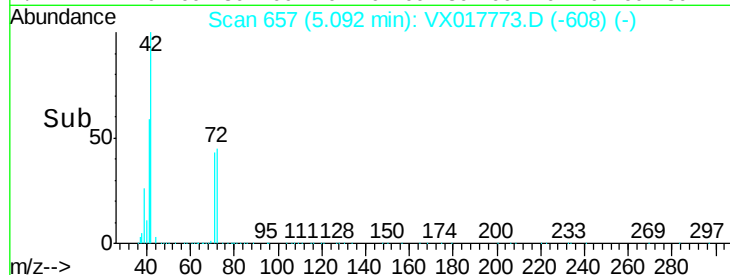
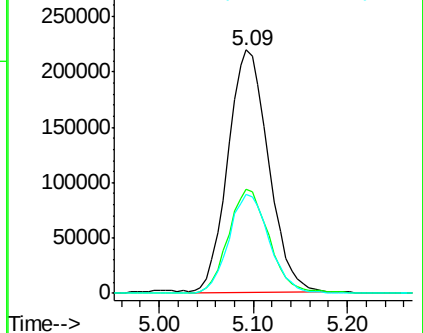
71 41.1 33.0 49.4



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: 51.743 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017773.D

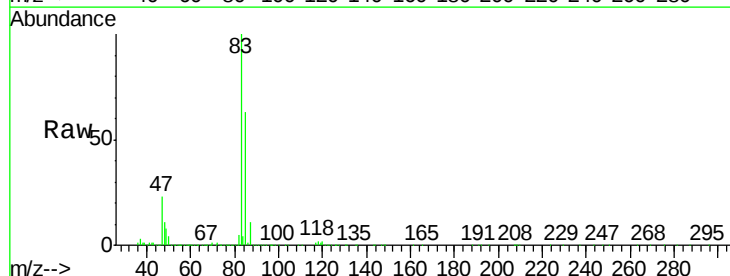
Acq: 04 Aug 2020 16:11

Tgt Ion: 83 Resp: 509587

Ion Ratio Lower Upper

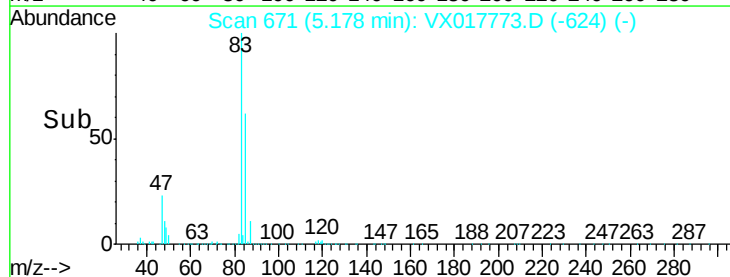
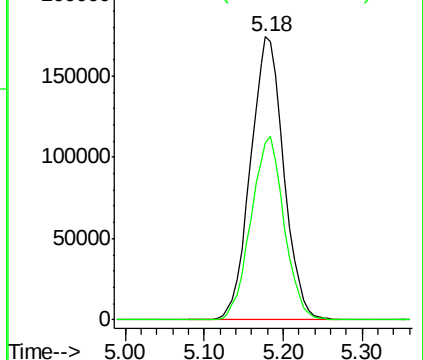
83 100

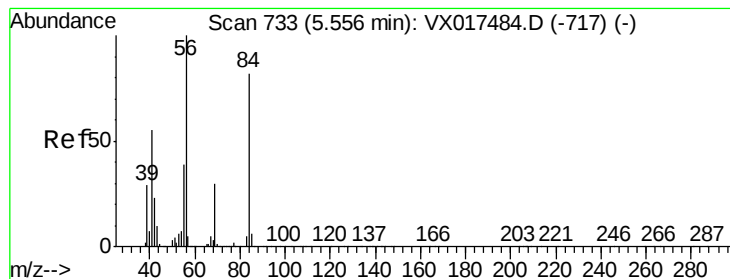
85 62.5 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.450 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

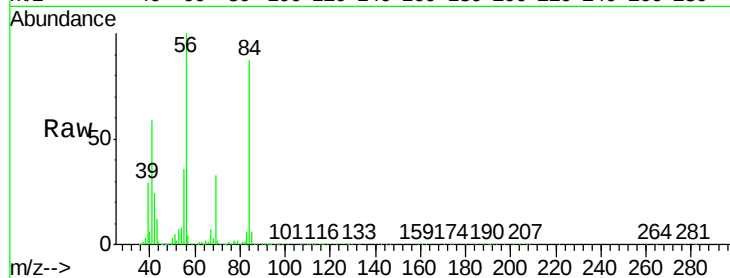
Tgt Ion: 56 Resp: 364709

Ion Ratio Lower Upper

56 100

69 33.5 24.2 36.4

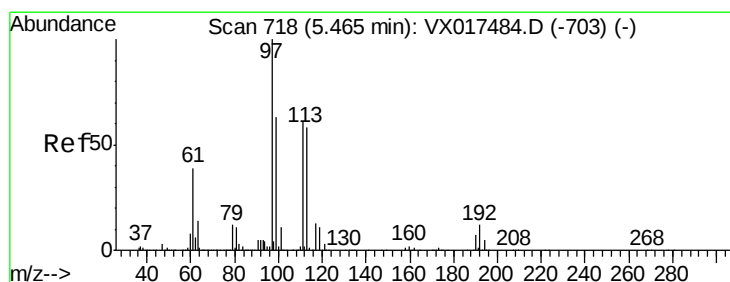
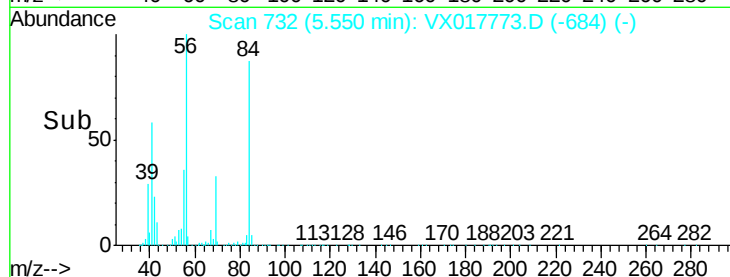
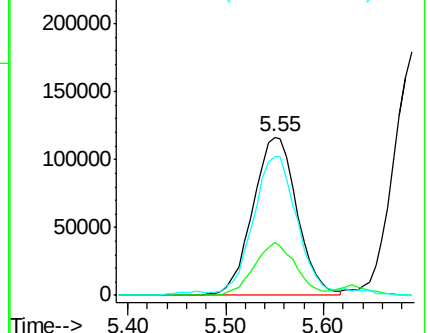
84 85.4 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.997 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

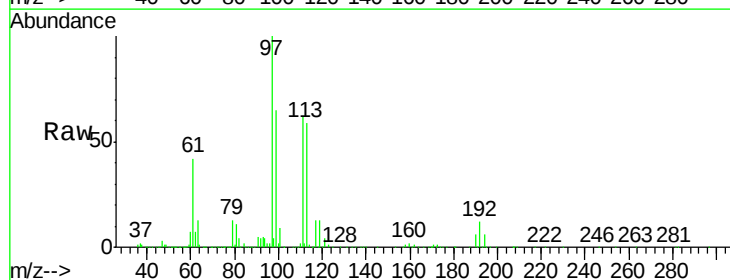
Tgt Ion: 97 Resp: 473602

Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

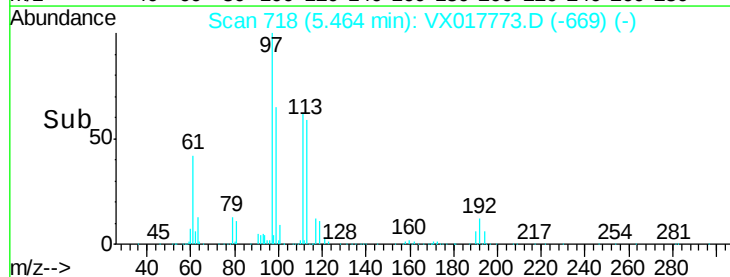
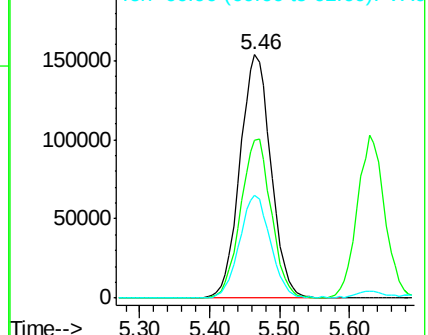
61 42.0 34.1 51.1

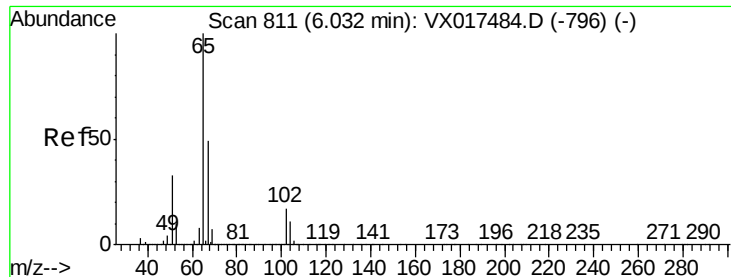


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.786 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

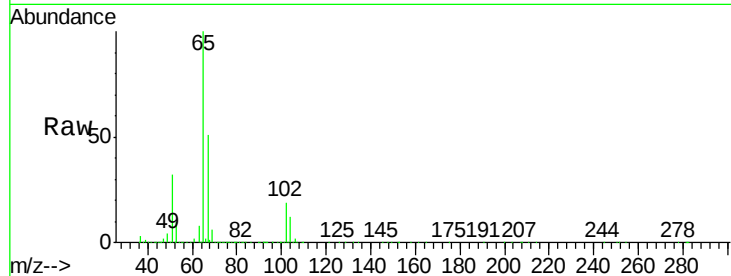
VSTDCCC050EC

Tgt Ion: 65 Resp: 341450

Ion Ratio Lower Upper

65 100

67 50.6 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

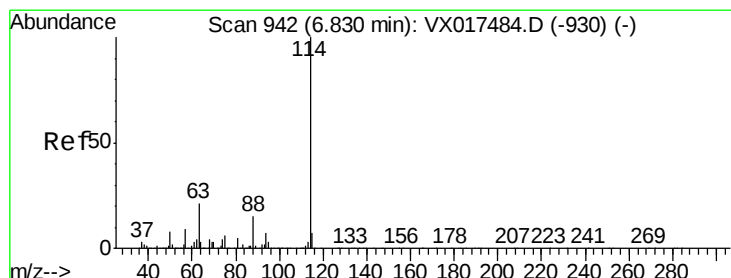
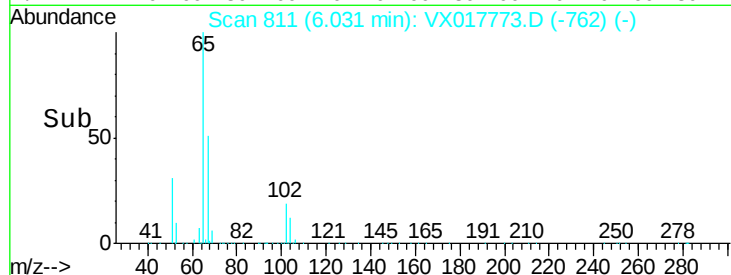
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

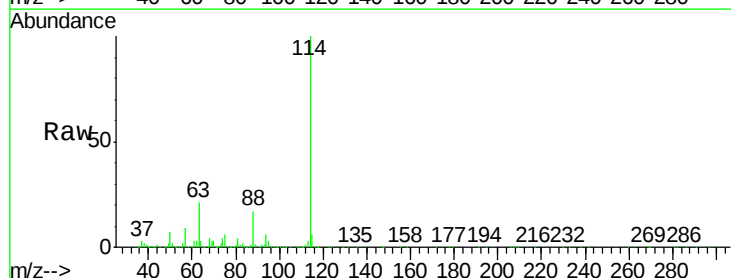
Tgt Ion: 114 Resp: 742437

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

88 16.5 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

6.84

400000

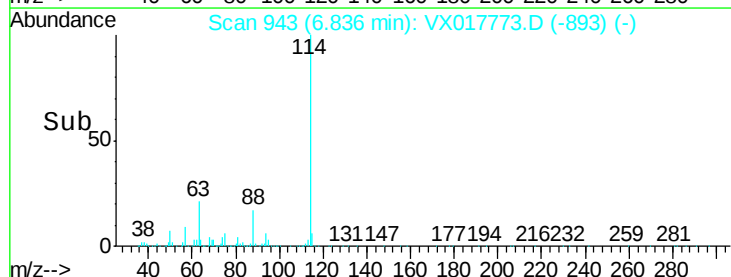
300000

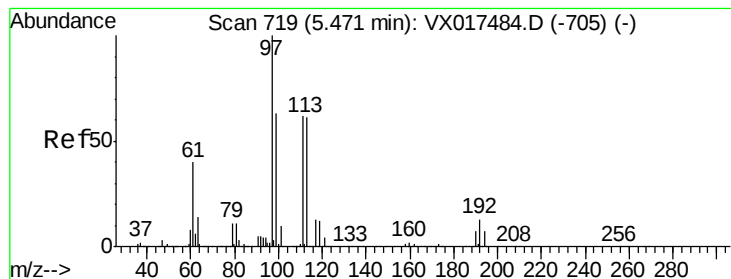
200000

100000

0

Time--> 6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 53.846 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

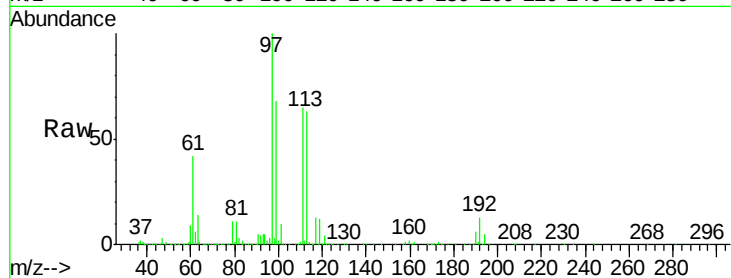
Tgt Ion:113 Resp: 267372

Ion Ratio Lower Upper

113 100

111 103.4 80.7 121.1

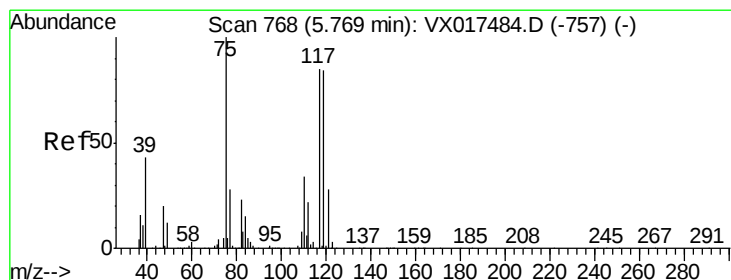
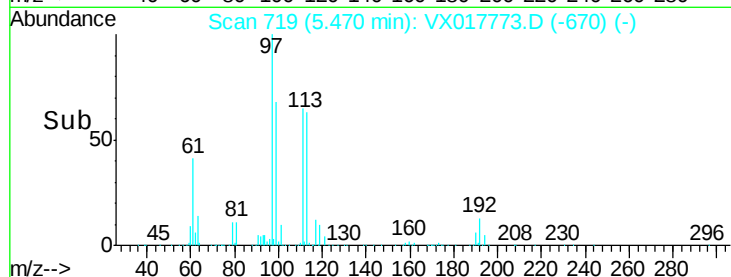
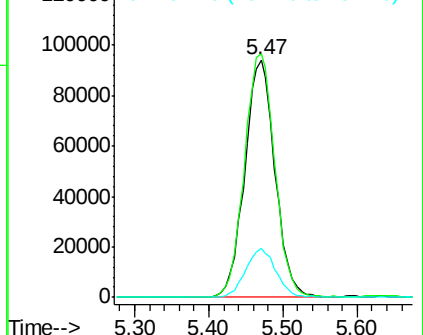
192 20.5 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.294 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

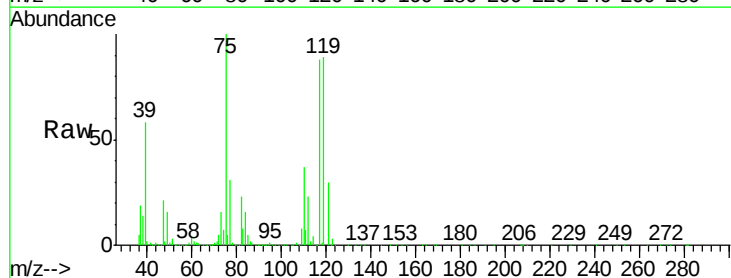
Tgt Ion: 75 Resp: 351003

Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.3

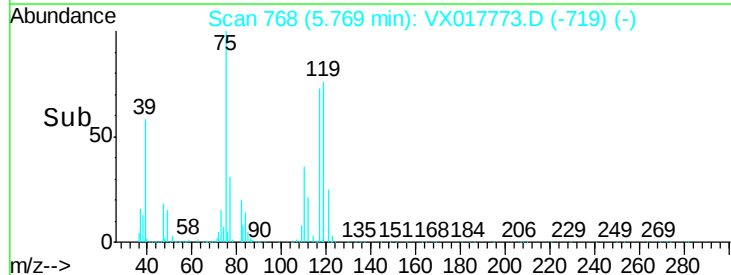
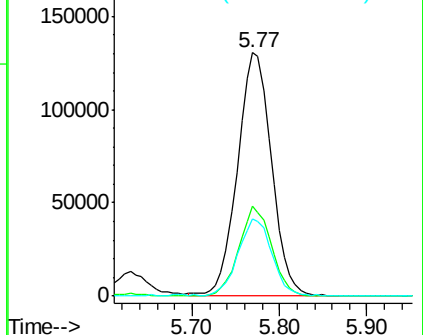
77 31.5 24.6 37.0

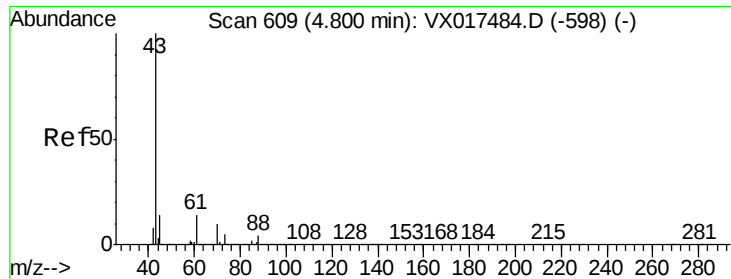


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

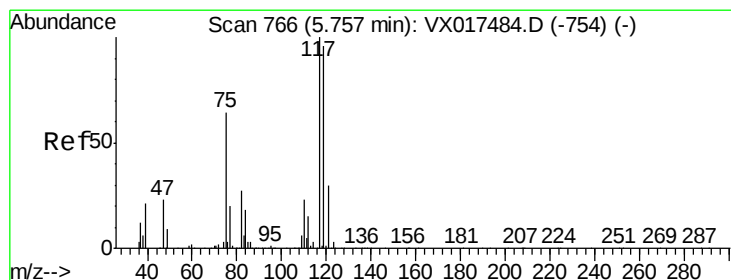
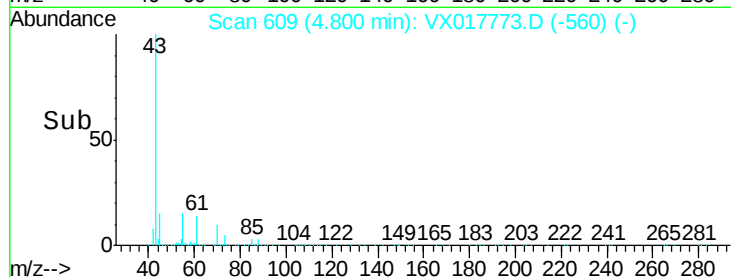
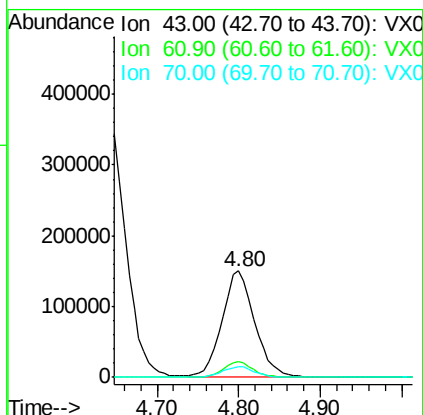
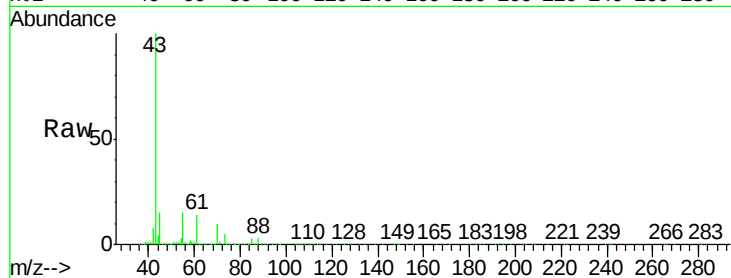




#37
Ethyl Acetate
Concen: 52.904 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

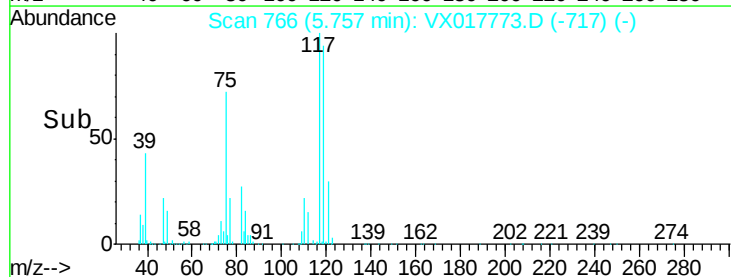
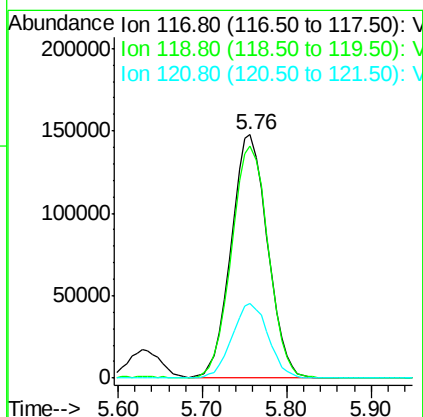
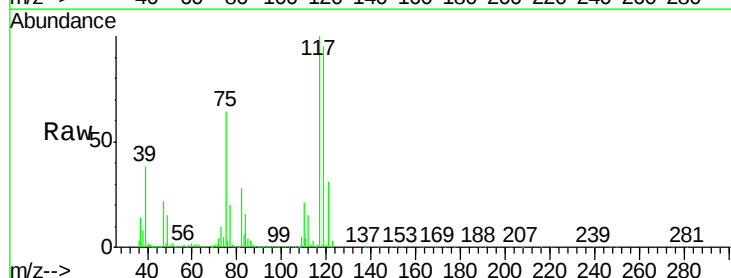
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

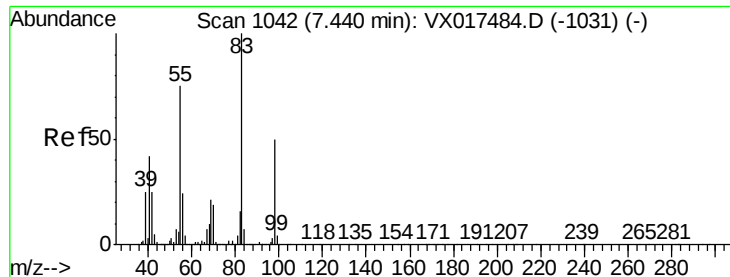
Tgt Ion:	43	Resp:	412181
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	10.1	8.5	12.7



#38
Carbon Tetrachloride
Concen: 49.964 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion:	117	Resp:	432042
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.4	113.0
121	30.7	24.3	36.5

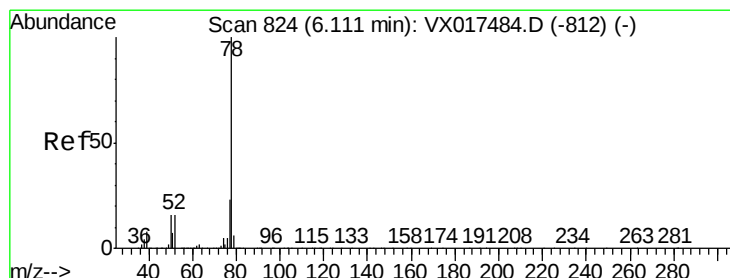
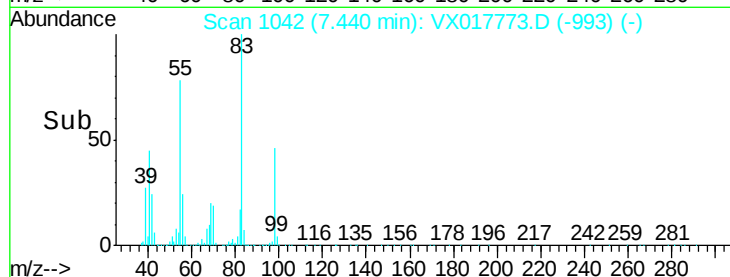
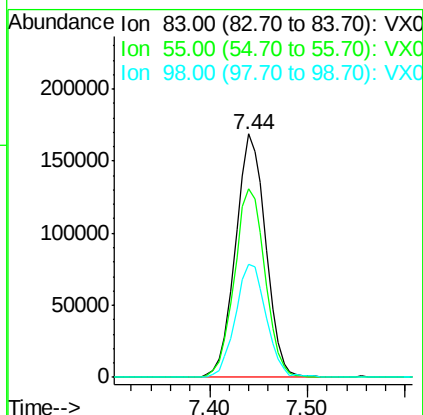
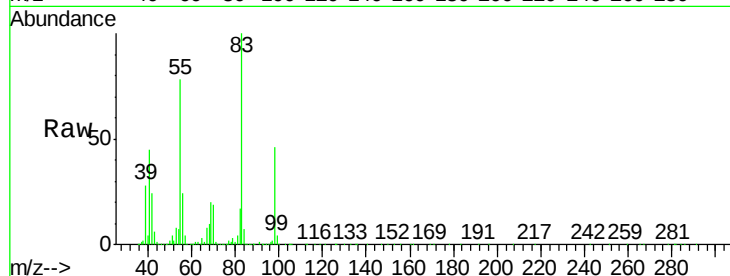




#39
Methylcyclohexane
Concen: 43.551 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

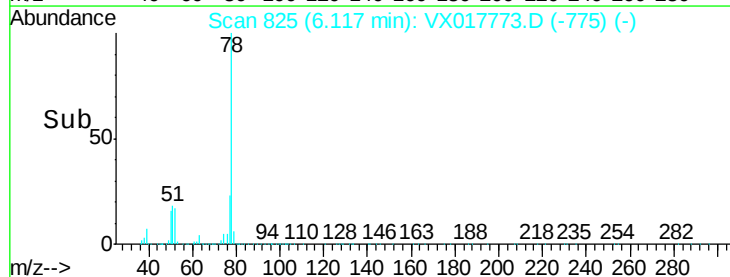
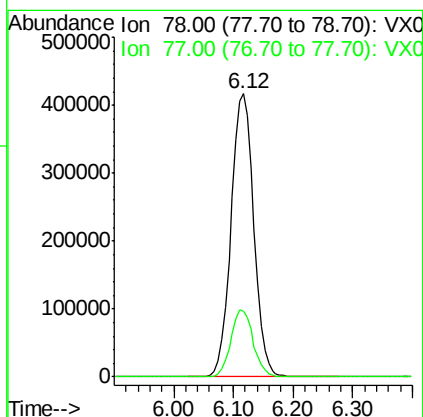
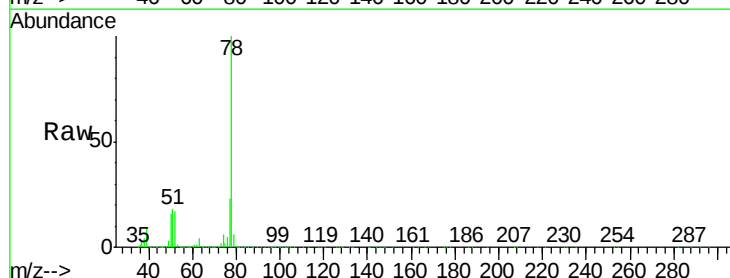
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

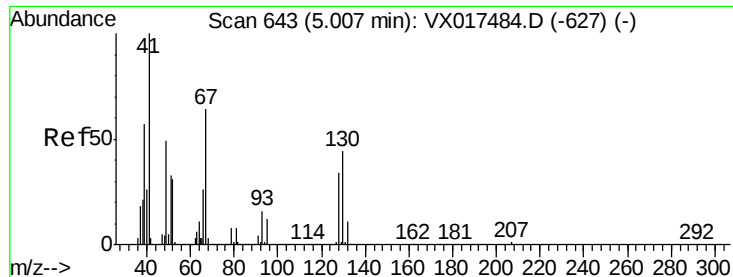
Tgt Ion: 83 Resp: 362017
Ion Ratio Lower Upper
83 100
55 77.4 61.8 92.8
98 46.3 36.9 55.3



#40
Benzene
Concen: 53.934 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion: 78 Resp: 1101042
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2

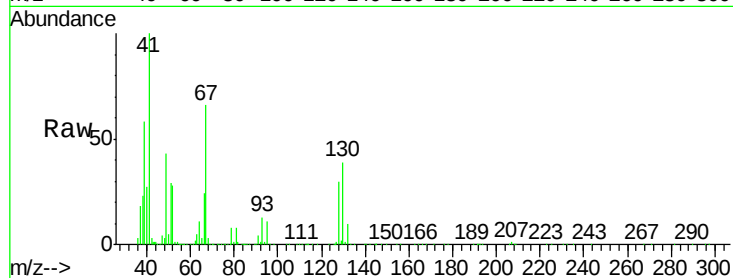




#41
Methacrylonitrile
Concen: 51.767 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	231179
Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.9	65.9
67	69.2	54.0	81.0
52	28.4	23.0	34.6



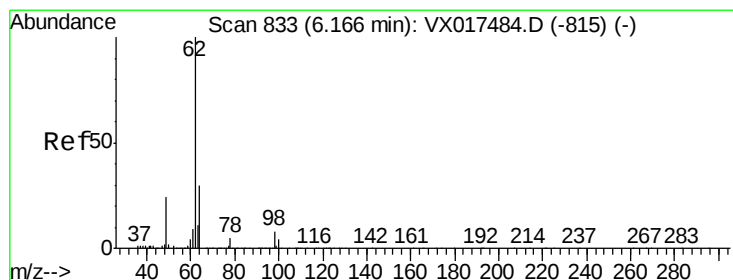
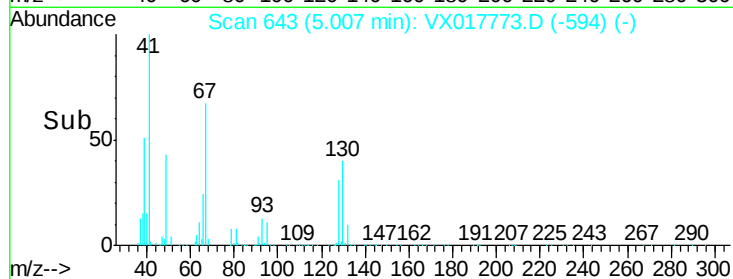
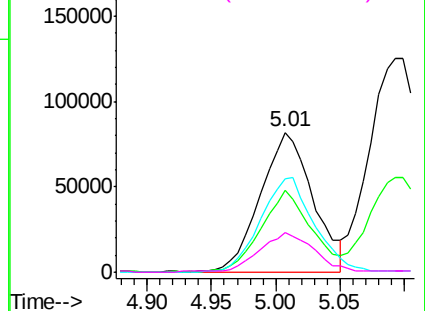
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

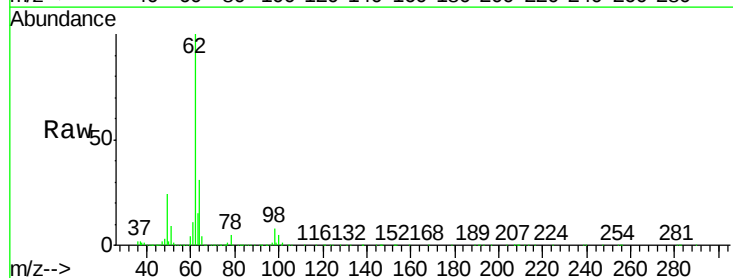
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 53.844 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

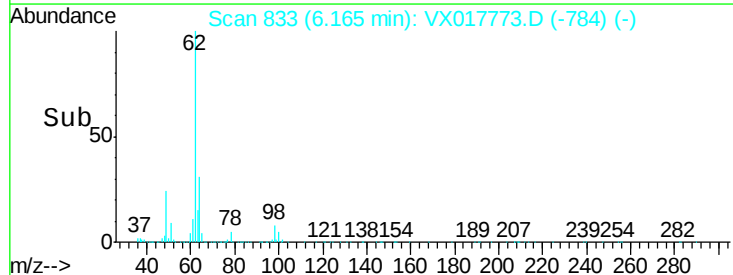
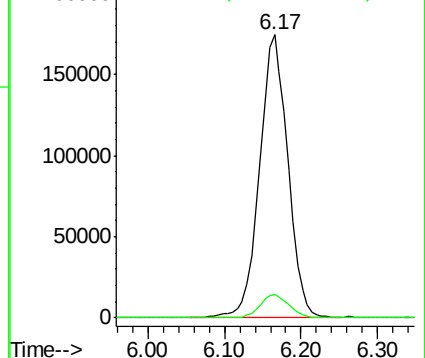
Tgt Ion:	62	Resp:	449687
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.0

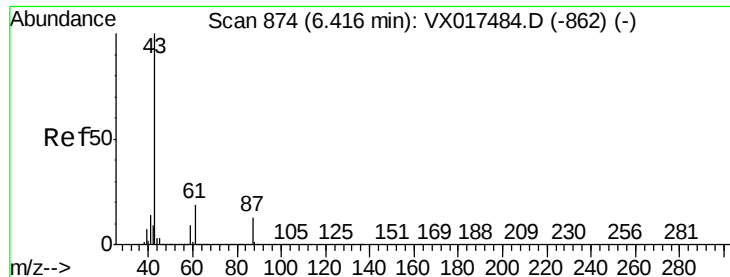


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.461 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

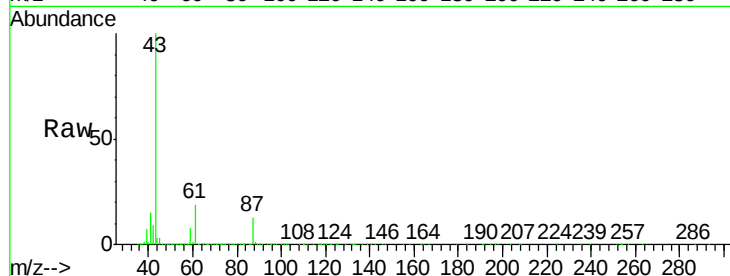
Tgt Ion: 43 Resp: 687225

Ion Ratio Lower Upper

43 100

61 19.3 15.5 23.3

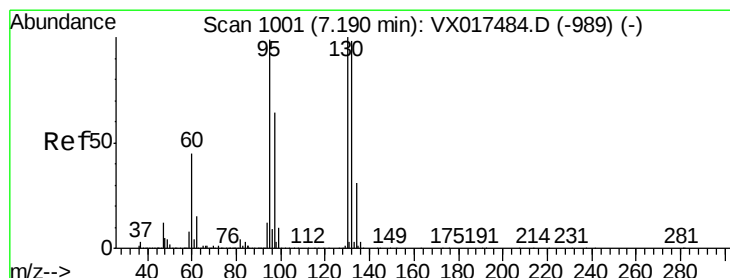
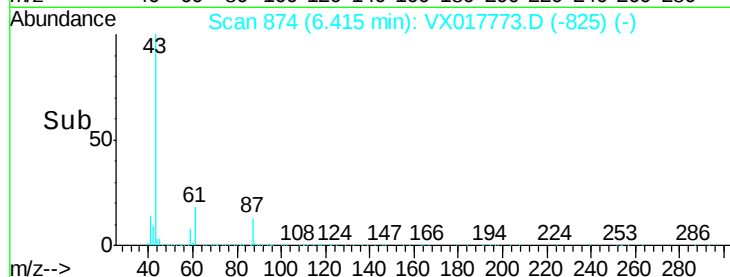
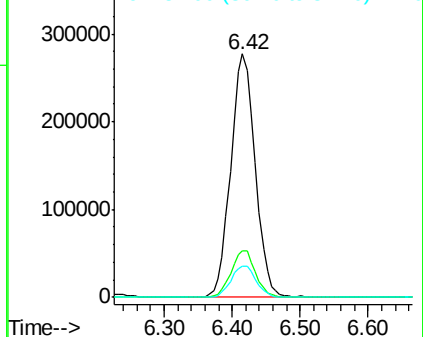
87 13.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 56.229 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017773.D

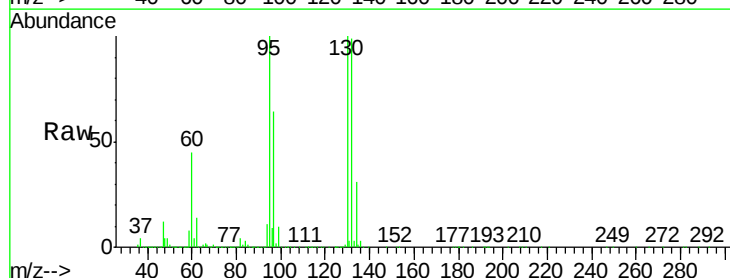
Acq: 04 Aug 2020 16:11

Tgt Ion: 130 Resp: 335460

Ion Ratio Lower Upper

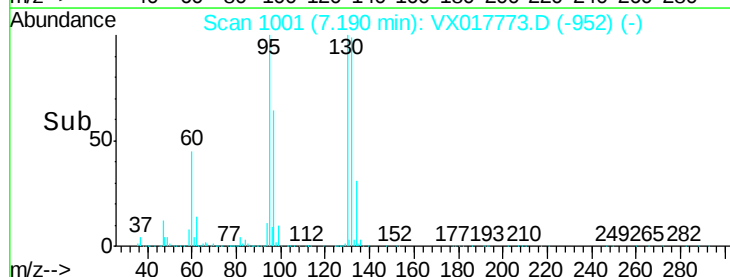
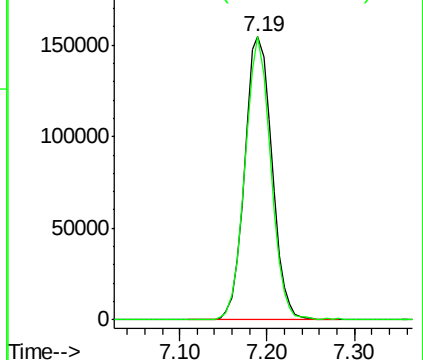
130 100

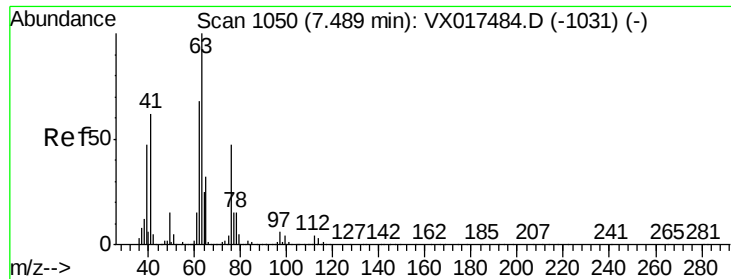
95 99.9 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

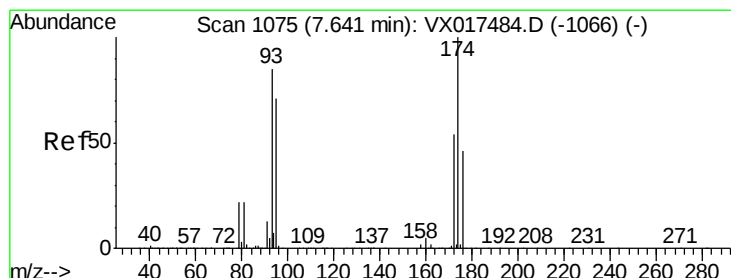
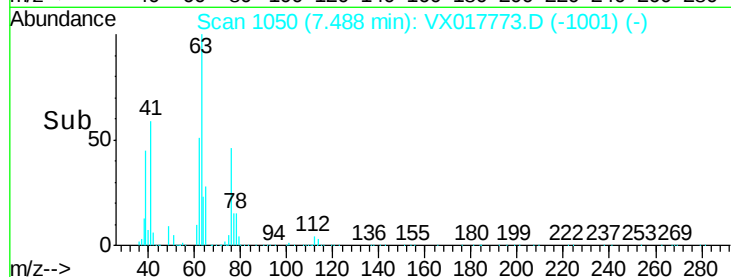
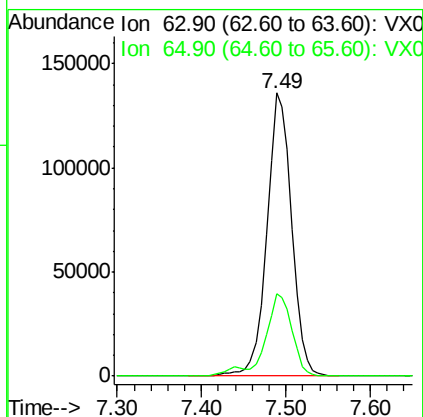
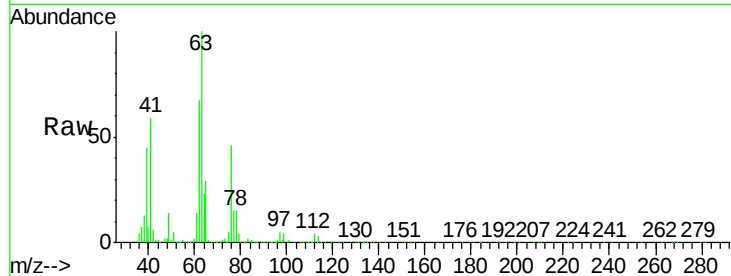




#45
 1,2-Dichloropropane
 Concen: 48.745 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

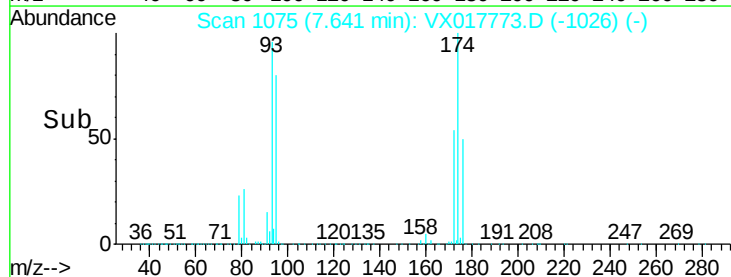
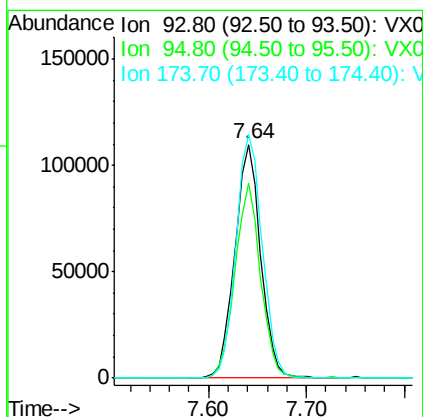
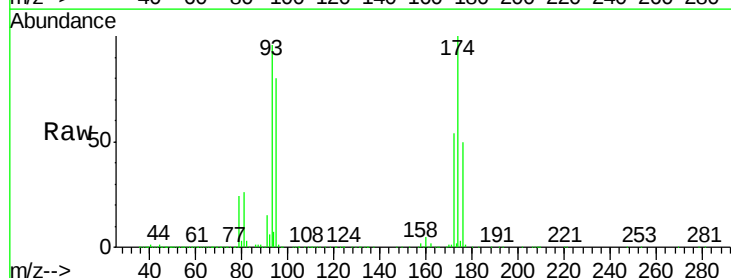
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

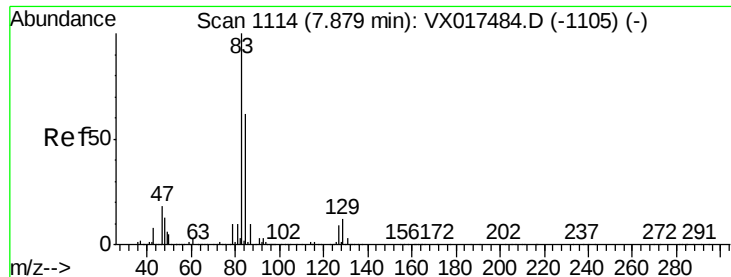
Tgt Ion: 63 Resp: 275862
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.5 36.7



#46
 Dibromomethane
 Concen: 50.472 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion: 93 Resp: 201859
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 99.8
 174 106.1 87.0 130.6





#47

Bromodichloromethane

Concen: 52.148 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

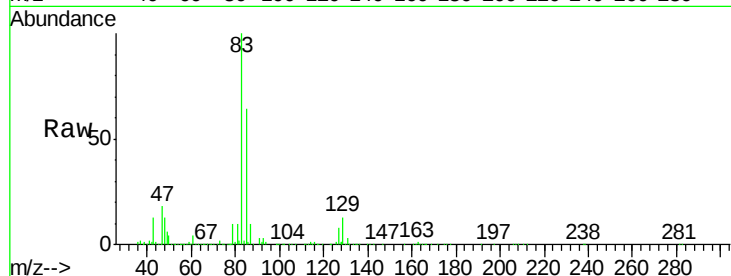
Tgt Ion: 83 Resp: 419653

Ion Ratio Lower Upper

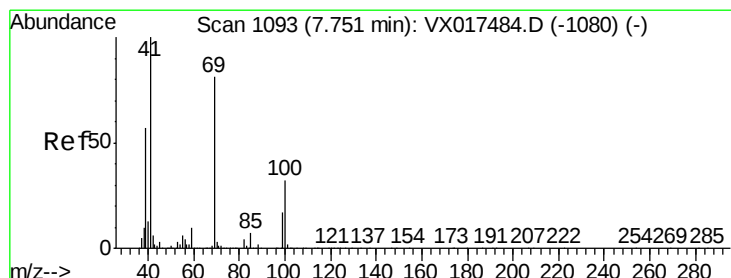
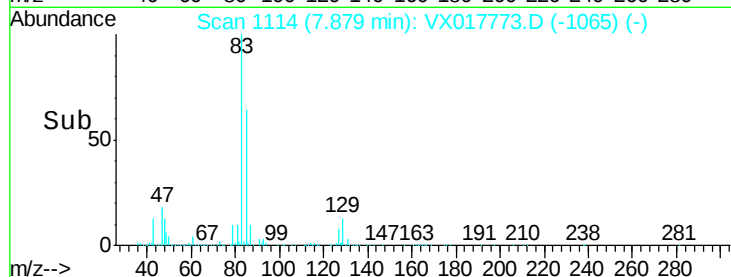
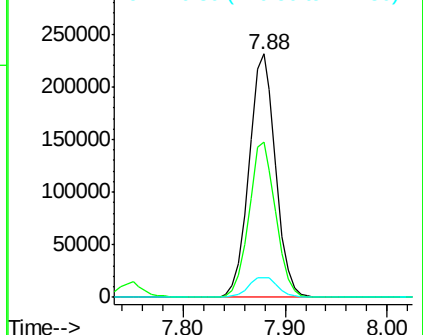
83 100

85 63.9 51.8 77.8

127 8.2 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: 53.990 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

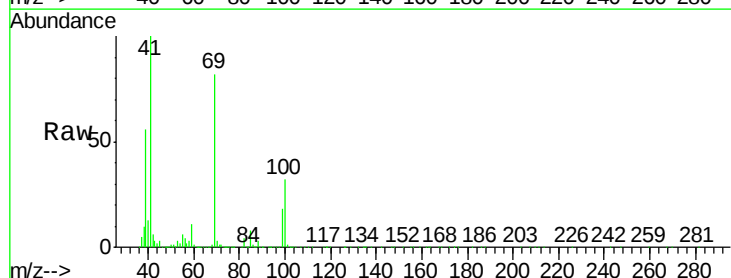
Tgt Ion: 41 Resp: 344029

Ion Ratio Lower Upper

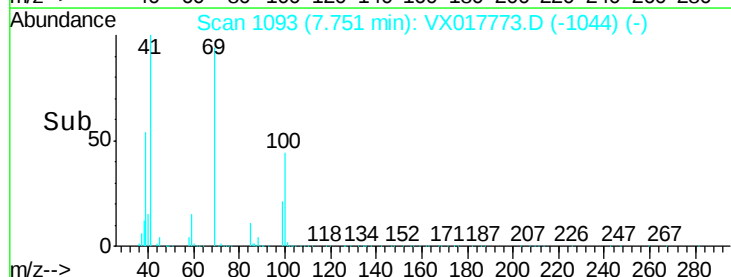
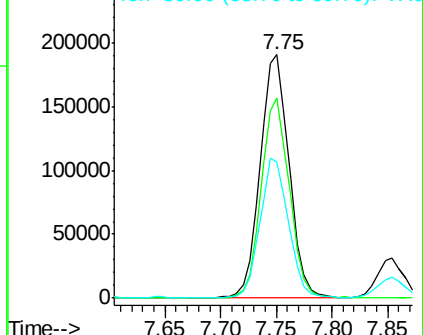
41 100

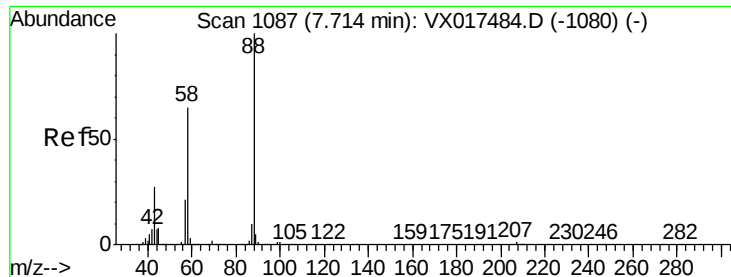
69 80.2 63.1 94.7

39 56.7 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

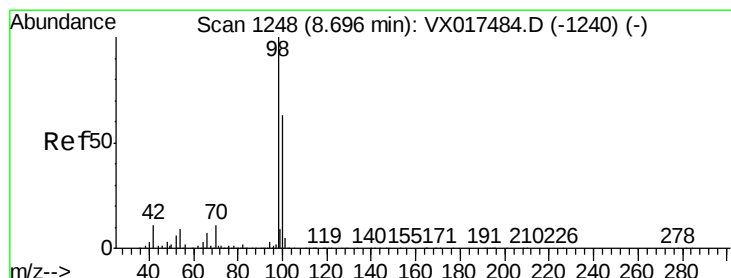
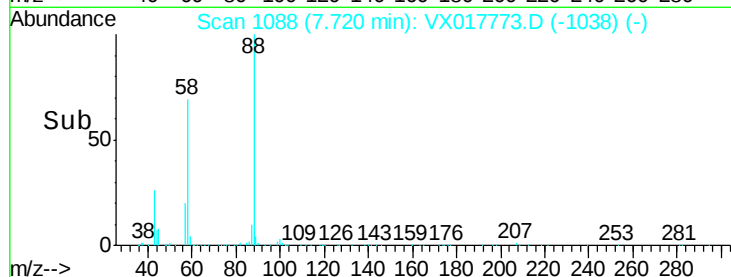
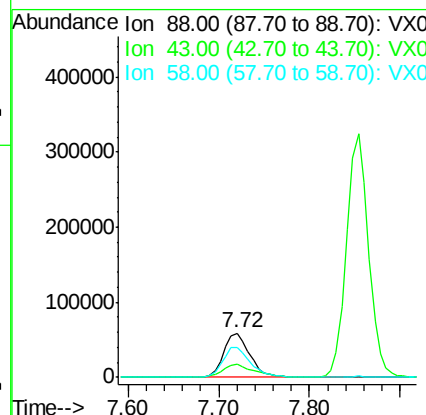
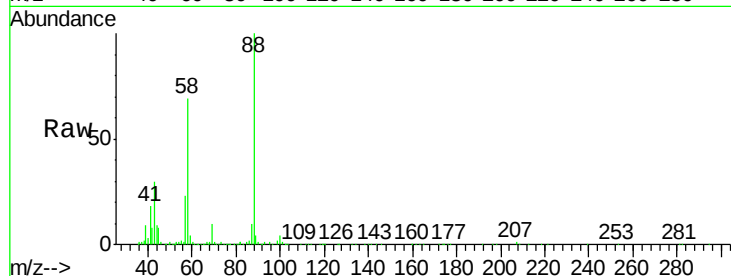




#49
1,4-Dioxane
Concen: 968.332 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

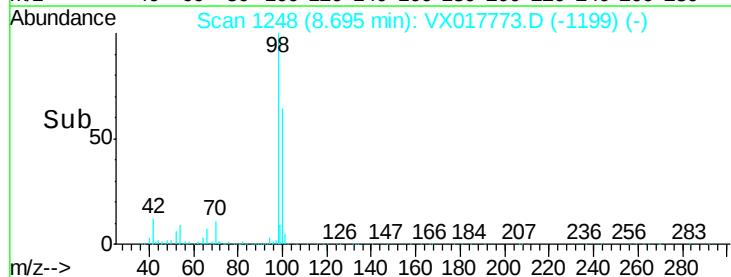
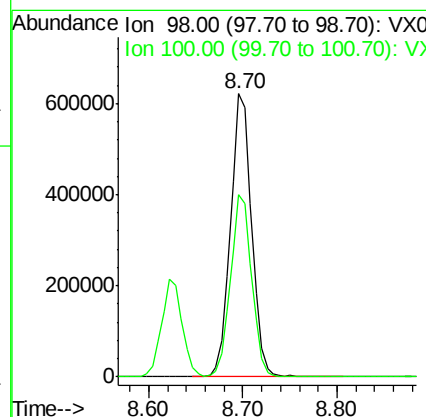
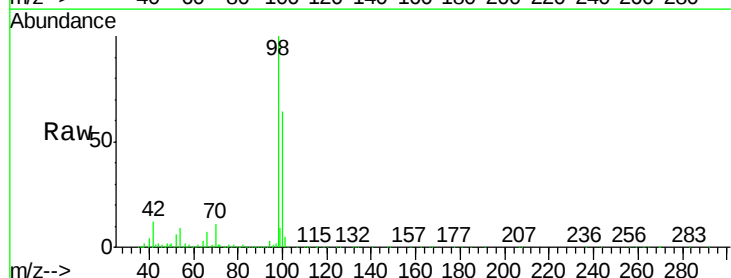
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

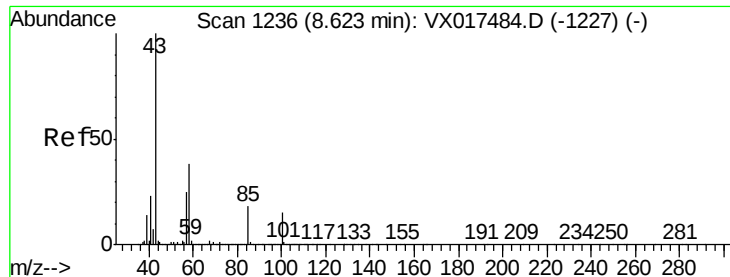
Tgt Ion: 88 Resp: 118298
Ion Ratio Lower Upper
88 100
43 35.7 27.8 41.6
58 71.7 58.3 87.5



#50
Toluene-d8
Concen: 53.606 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion: 98 Resp: 960227
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

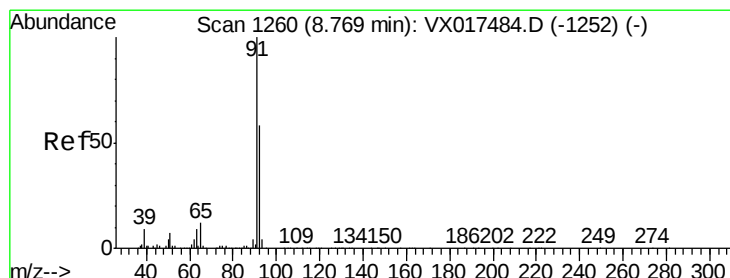
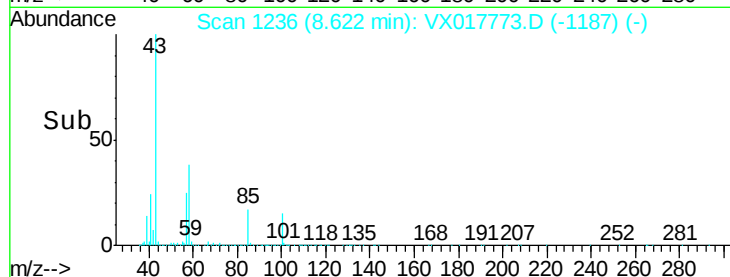
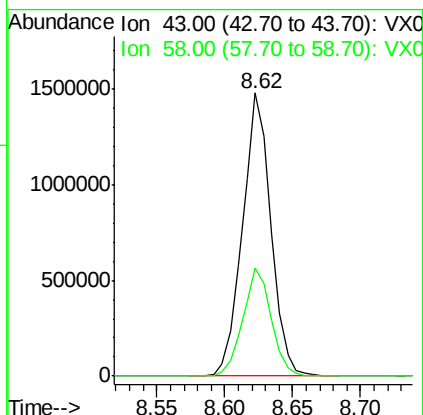
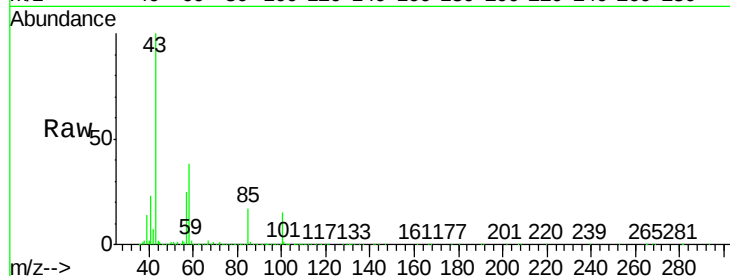




#51
 4-Methyl-2-Pentanone
 Concen: 280.991 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

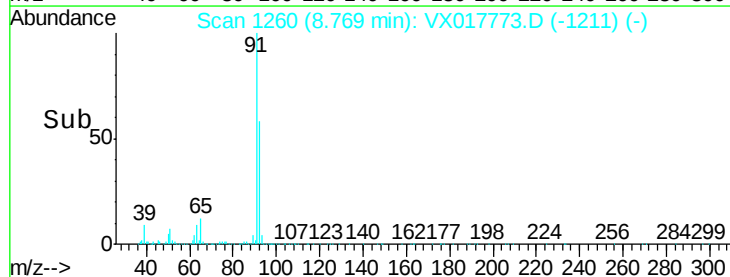
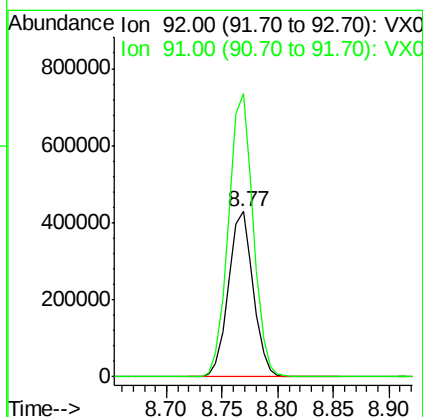
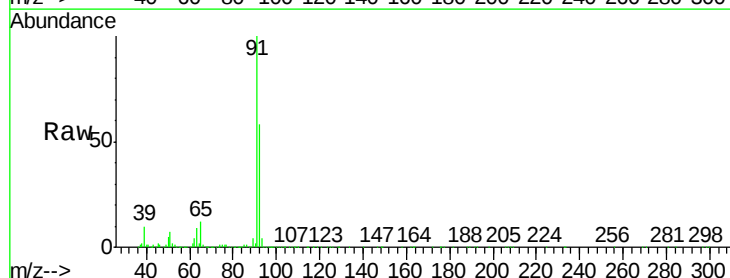
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

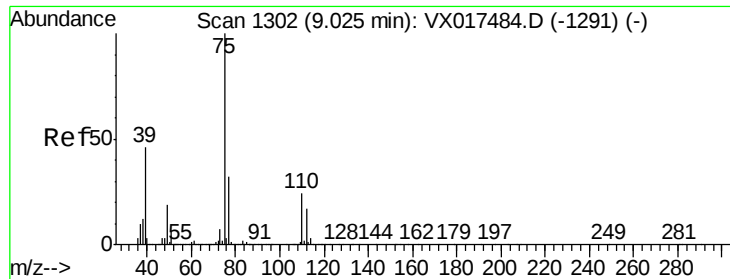
Tgt Ion: 43 Resp: 2155194
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.0 46.4



#52
 Toluene
 Concen: 50.326 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion: 92 Resp: 658876
 Ion Ratio Lower Upper
 92 100
 91 171.2 137.6 206.4

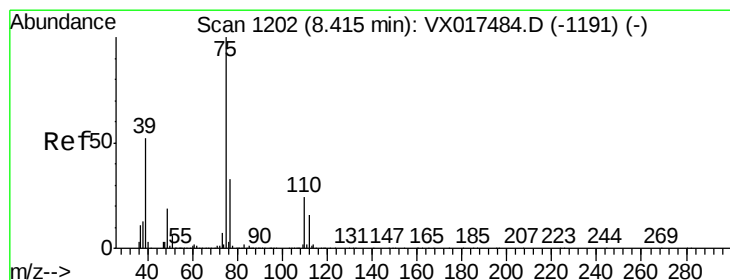
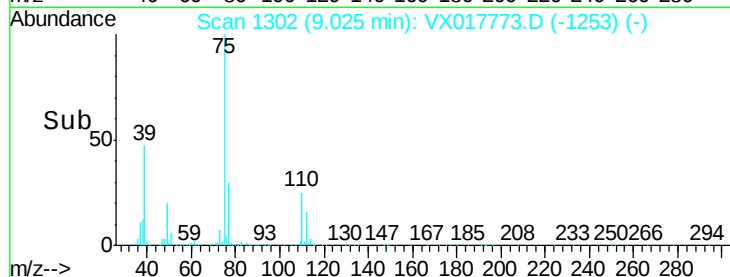
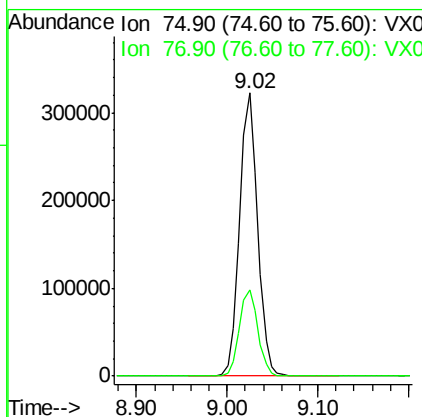
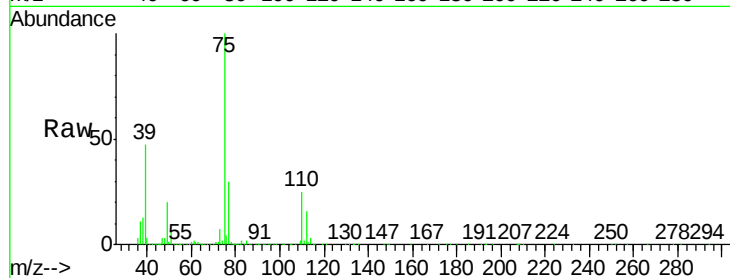




#53
 t-1,3-Dichloropropene
 Concen: 49.835 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

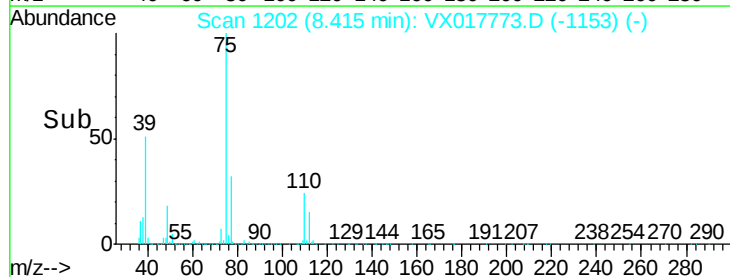
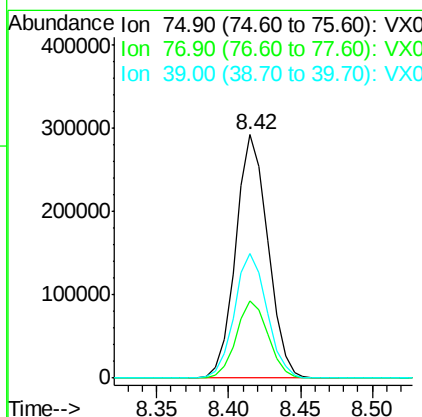
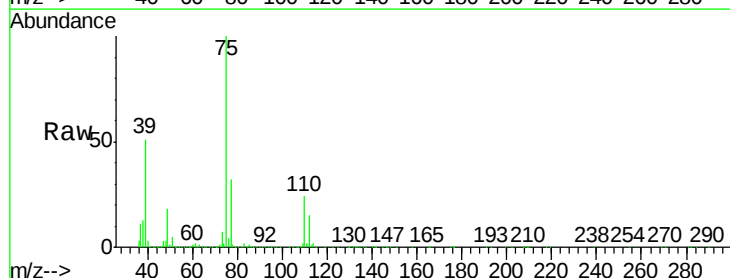
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 448935
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.486 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion: 75 Resp: 454706
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 51.3 41.8 62.8

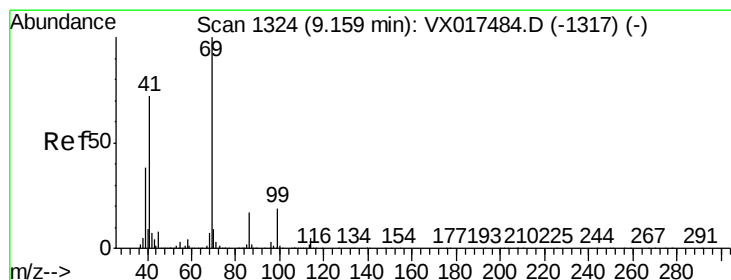
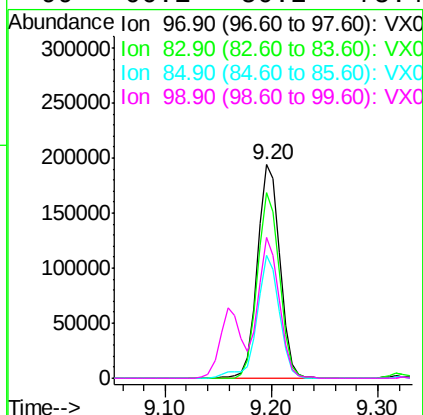
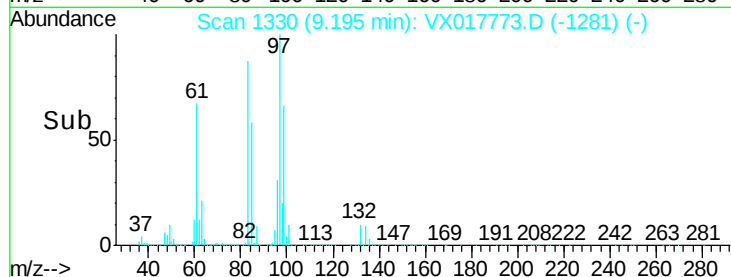
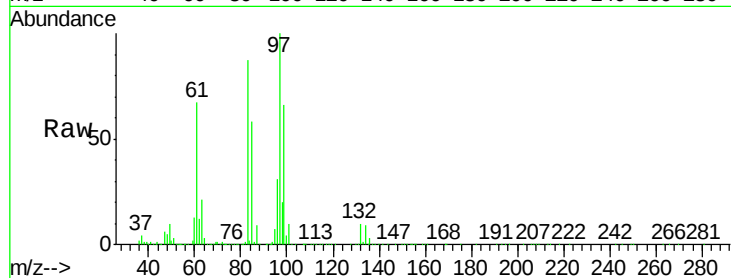




#55
 1,1,2-Trichloroethane
 Concen: 53.048 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

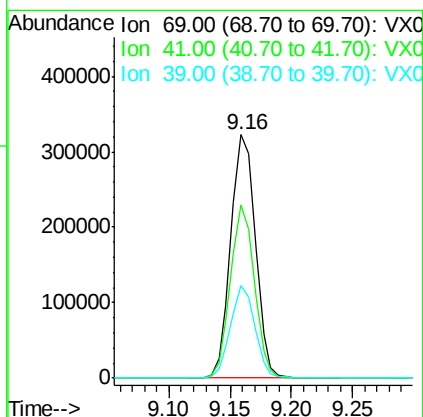
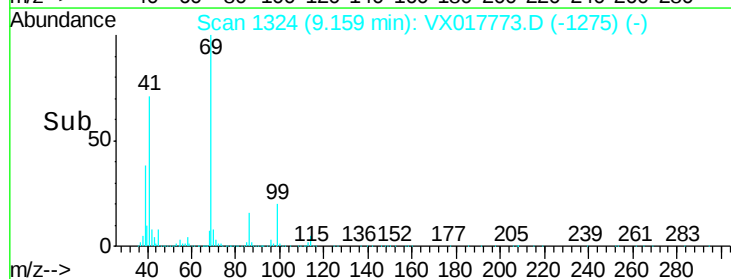
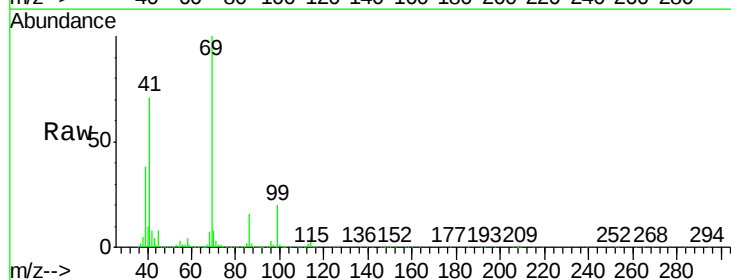
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

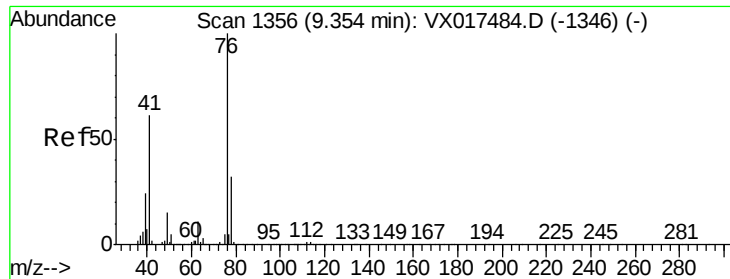
Tgt Ion:	97	Resp:	289320
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.6	101.4
85	57.5	44.6	67.0
99	66.1	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 54.715 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion:	69	Resp:	449580
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.0	82.6
39	37.6	30.0	45.0





#57

1,3-Dichloropropane

Concen: 52.066 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

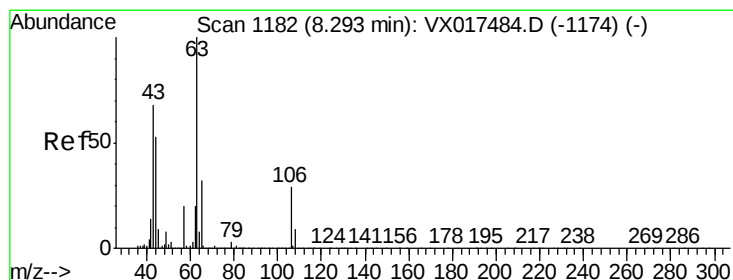
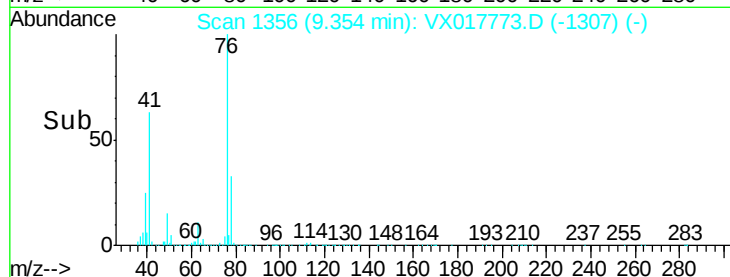
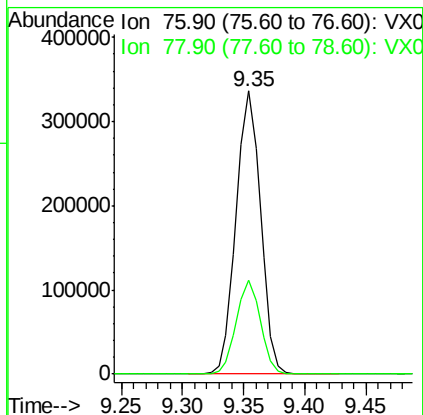
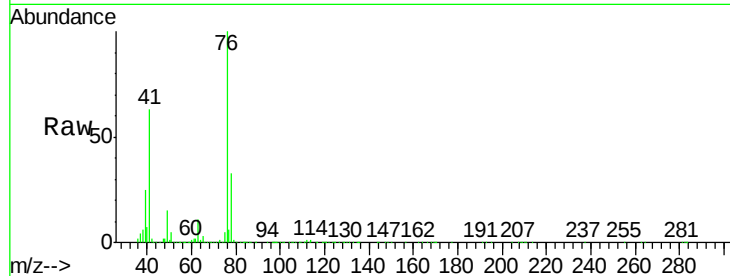
VSTDCCC050EC

Tgt Ion: 76 Resp: 467577

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 259.423 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017773.D

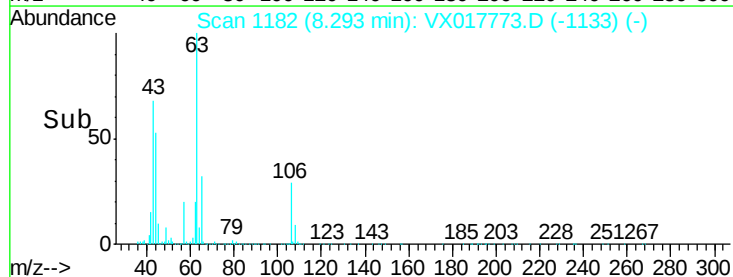
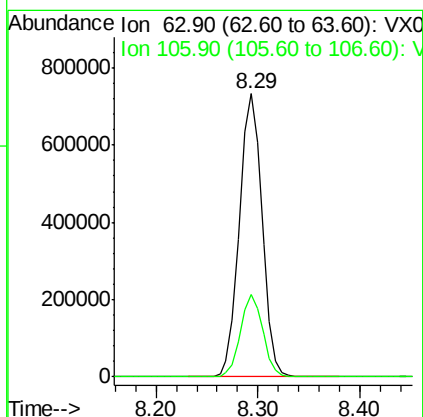
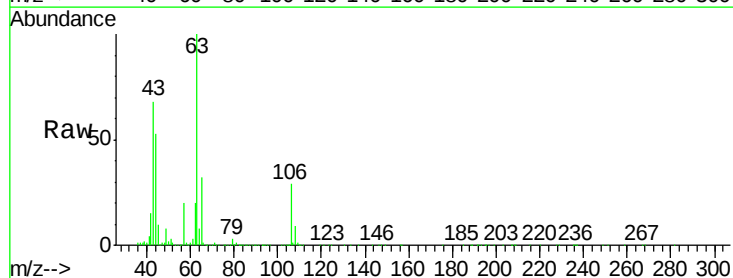
Acq: 04 Aug 2020 16:11

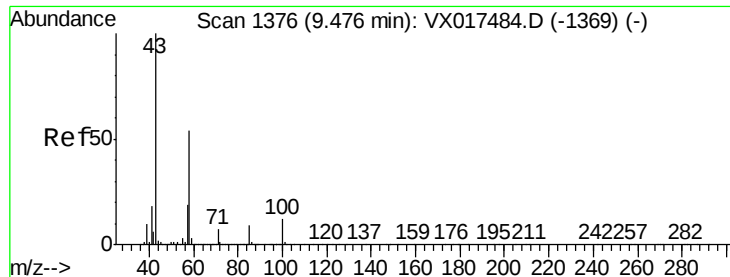
Tgt Ion: 63 Resp: 1123028

Ion Ratio Lower Upper

63 100

106 28.8 22.6 34.0

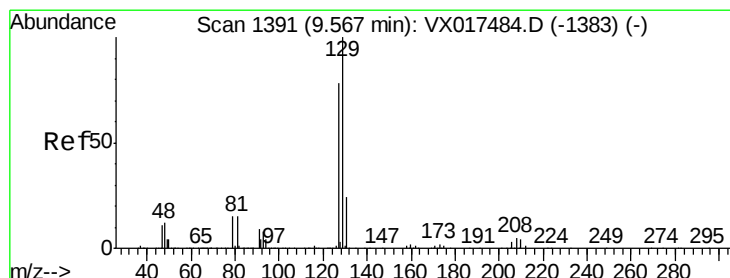
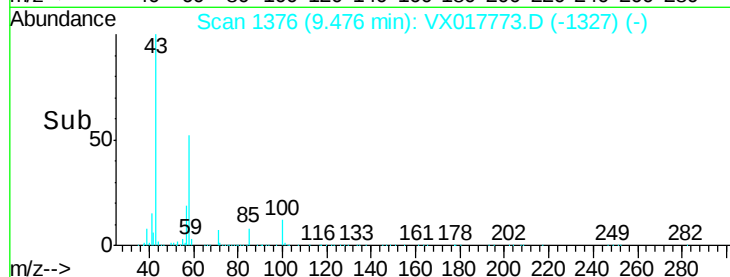
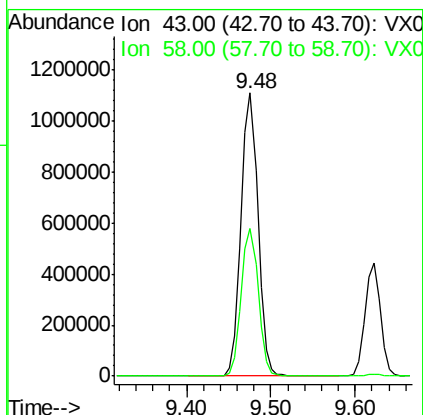
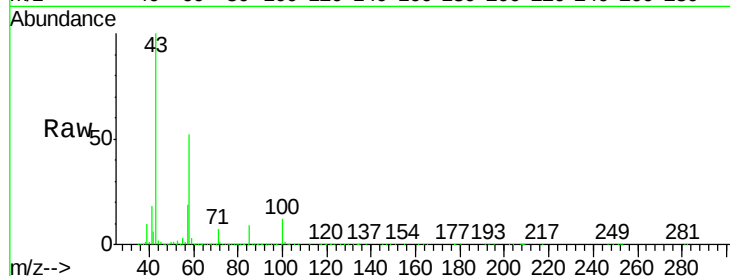




#59
2-Hexanone
Concen: 258.471 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

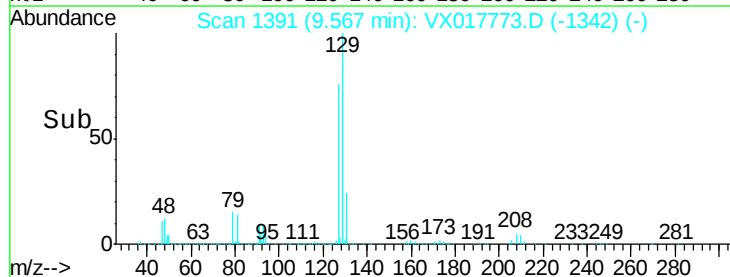
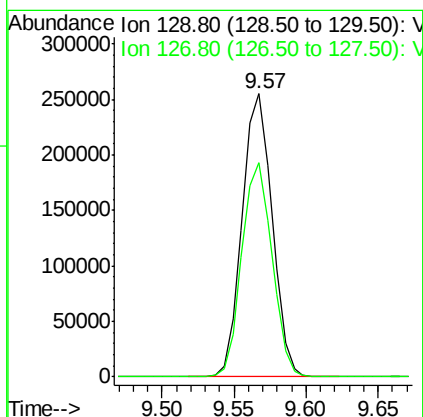
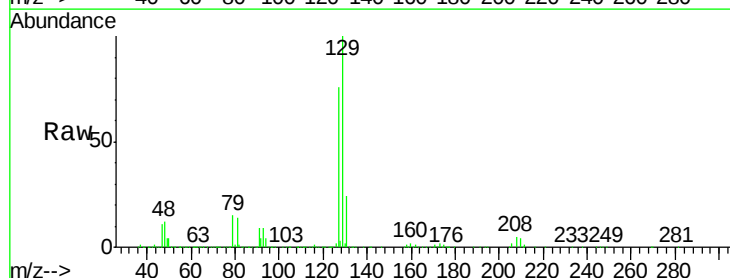
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

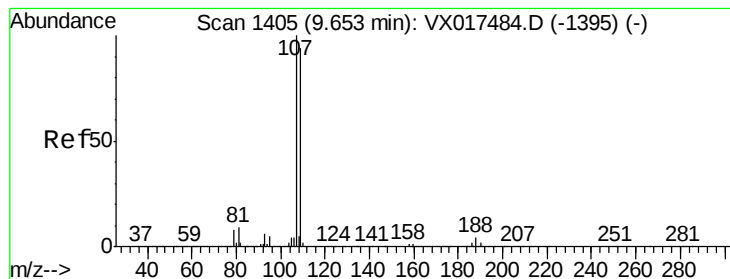
Tgt Ion: 43 Resp: 1492575
Ion Ratio Lower Upper
43 100
58 52.6 26.6 79.8



#60
Dibromochloromethane
Concen: 53.331 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion: 129 Resp: 369688
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.239 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

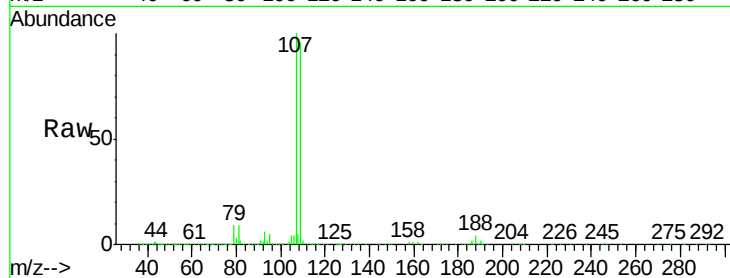
VSTDCCC050EC

Tgt Ion: 107 Resp: 309131

Ion Ratio Lower Upper

107 100

109 95.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

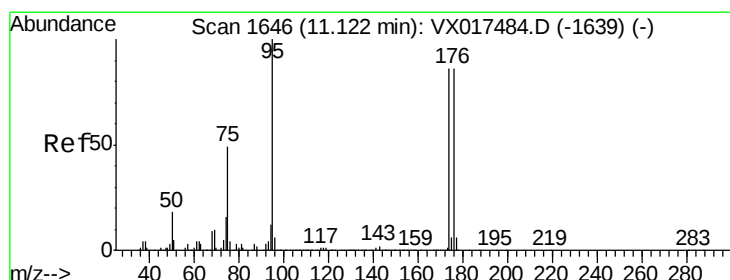
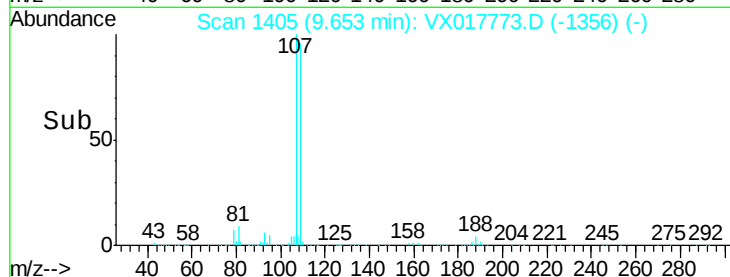
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.336 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

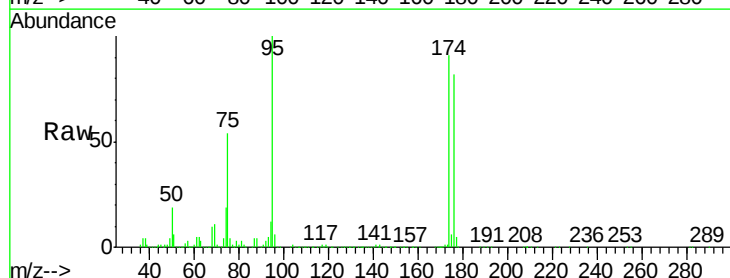
Tgt Ion: 95 Resp: 375185

Ion Ratio Lower Upper

95 100

174 84.8 0.0 169.0

176 80.8 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

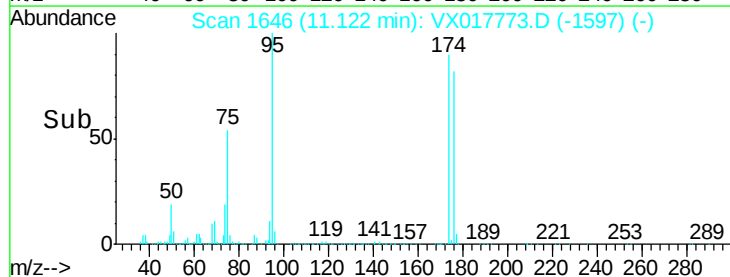
300000

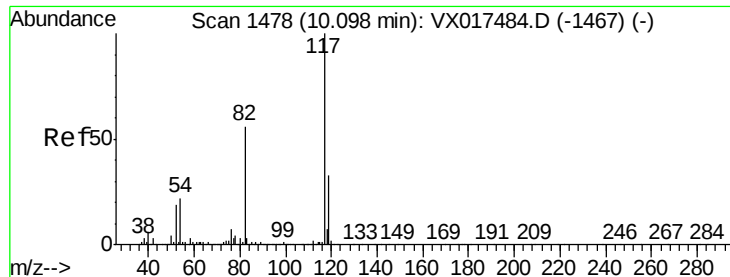
200000

100000

0

Time-->

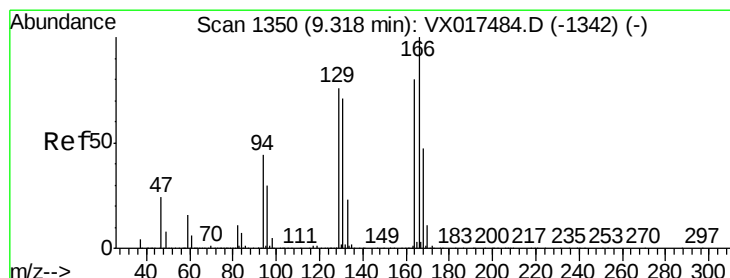
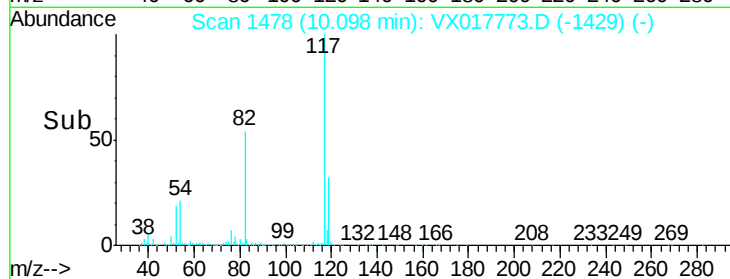
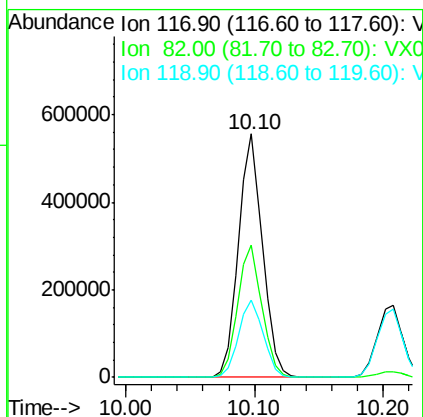
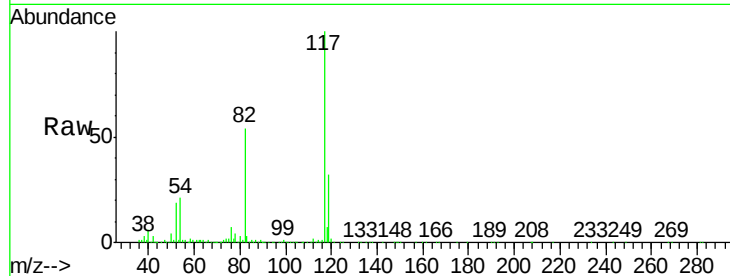




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

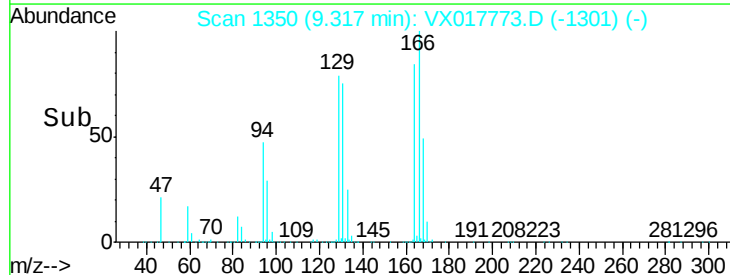
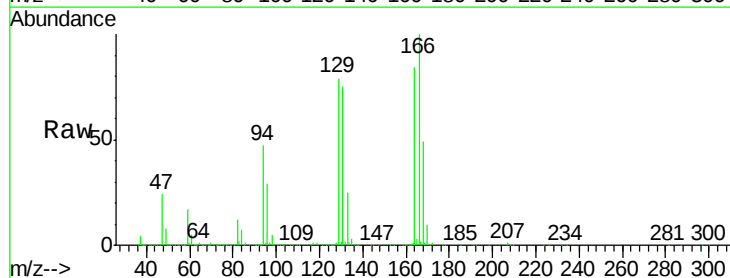
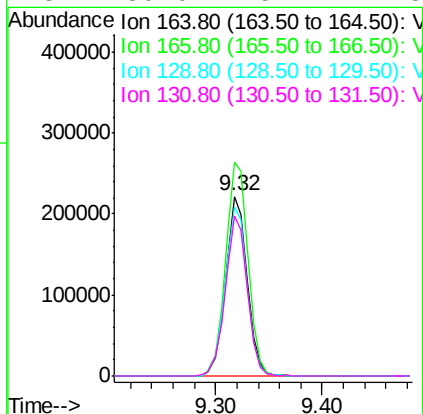
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.0	66.0
119	31.8	25.4	38.0



#64
Tetrachloroethene
Concen: 48.384 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.2	100.6	150.8
129	93.9	75.0	112.6
131	89.0	75.2	112.8





#65

Chlorobenzene

Concen: 51.560 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

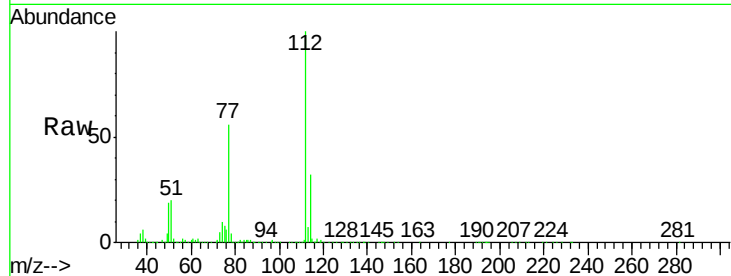
VSTDCCC050EC

Tgt Ion:112 Resp: 804901

Ion Ratio Lower Upper

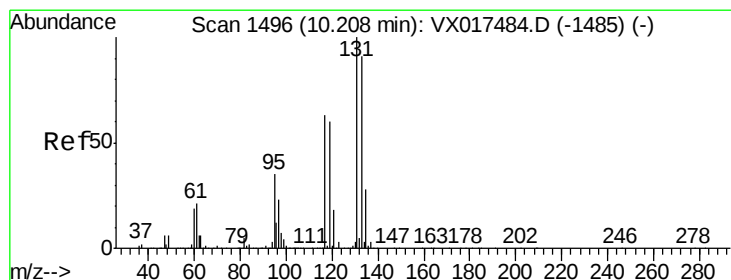
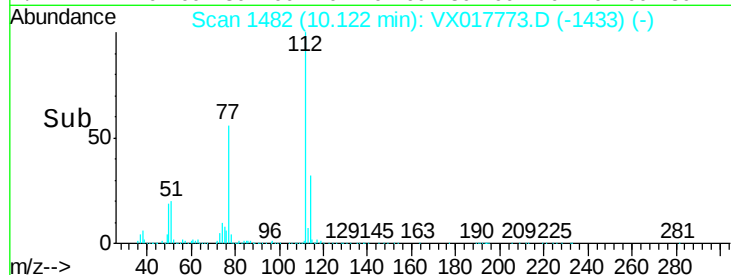
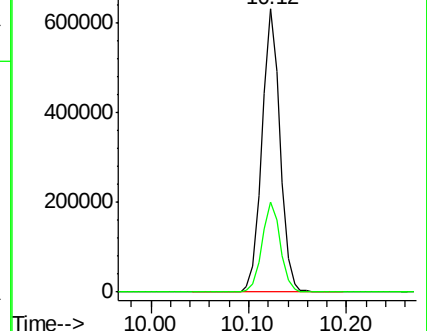
112 100

114 31.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.438 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

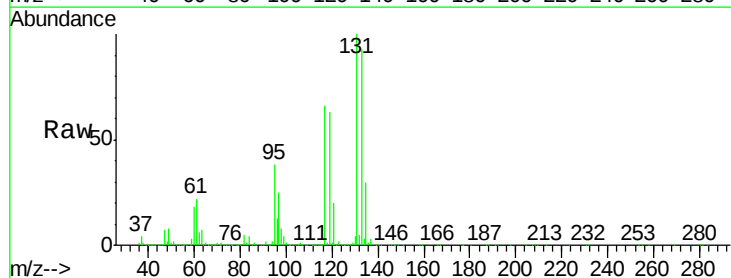
Tgt Ion:131 Resp: 336683

Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

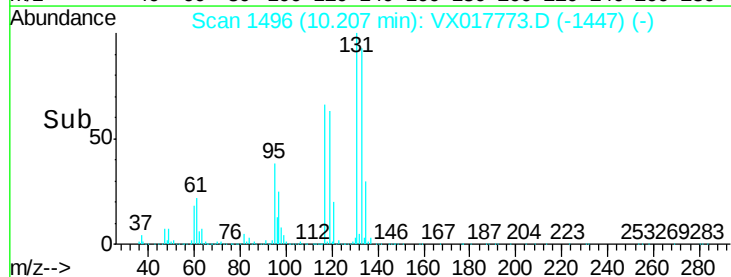
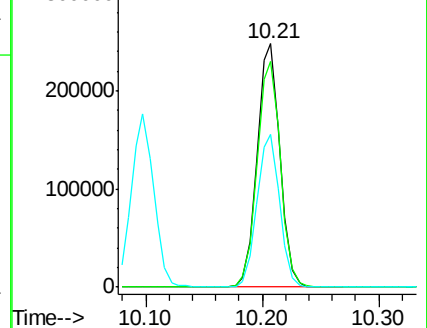
119 62.6 31.1 93.3

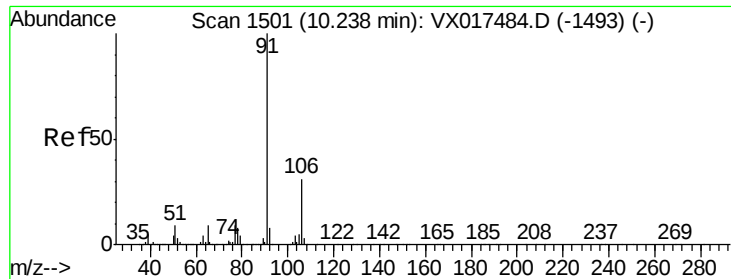


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

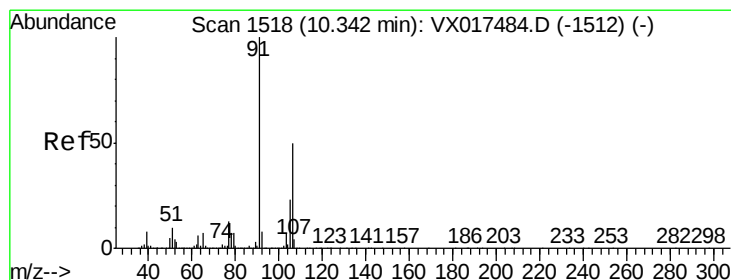
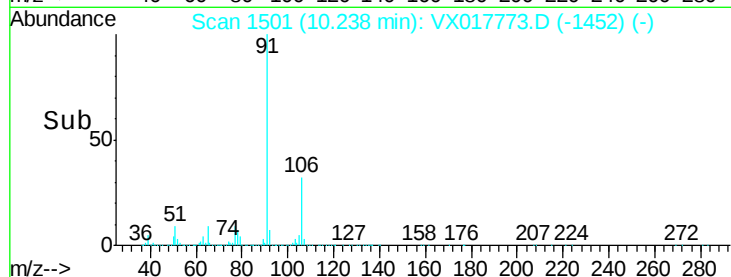
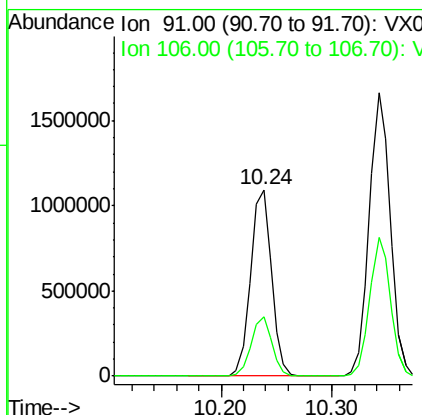
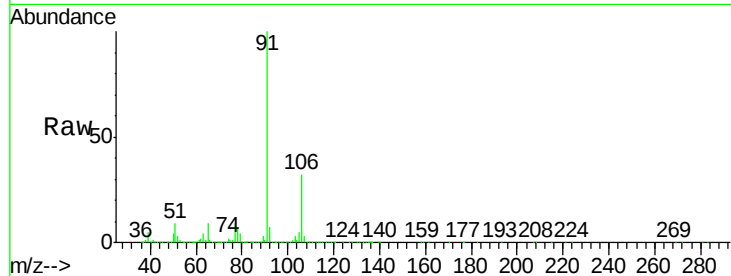




#67
Ethyl Benzene
Concen: 54.930 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

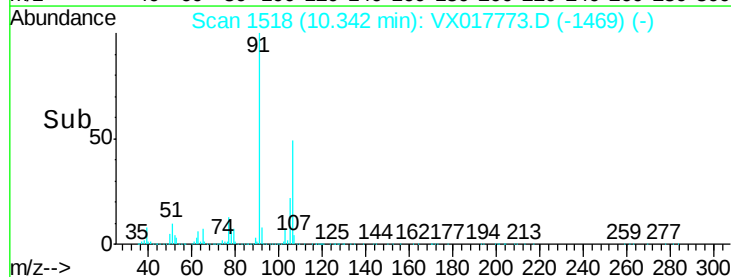
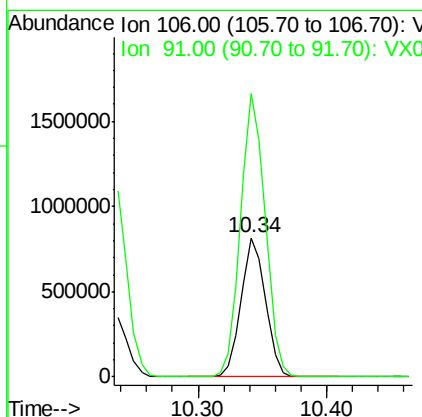
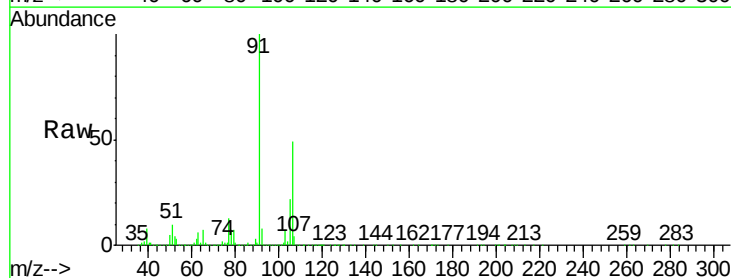
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1431415
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6



#68
m/p-Xylenes
Concen: 105.869 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion: 106 Resp: 1068776
Ion Ratio Lower Upper
106 100
91 206.1 160.9 241.3

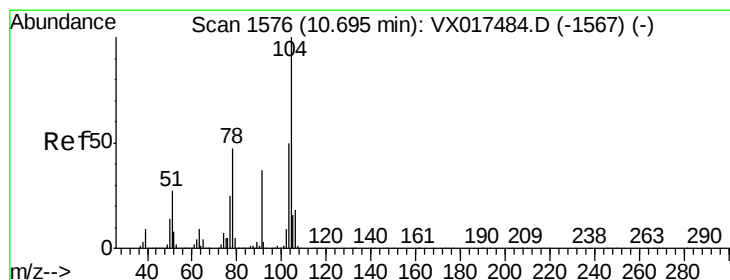
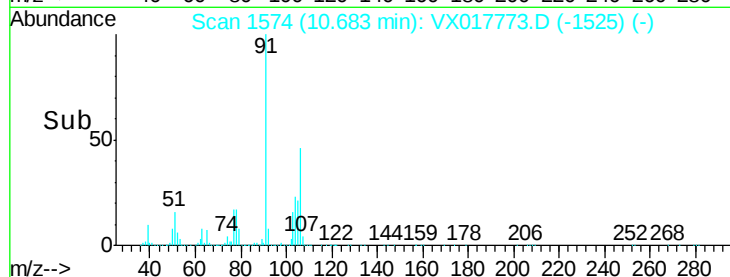
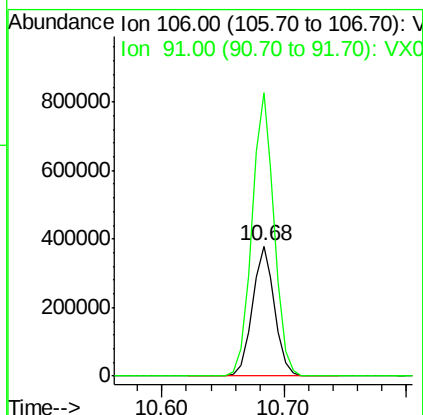
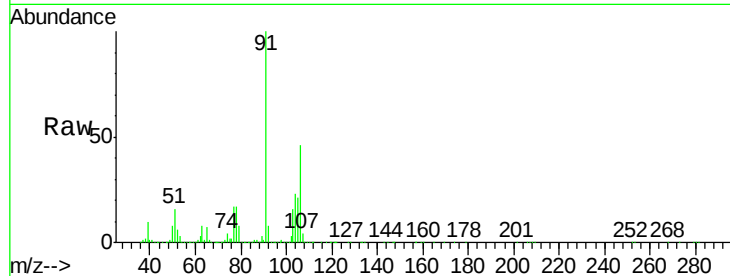




#69
o-Xylene
Concen: 49.177 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

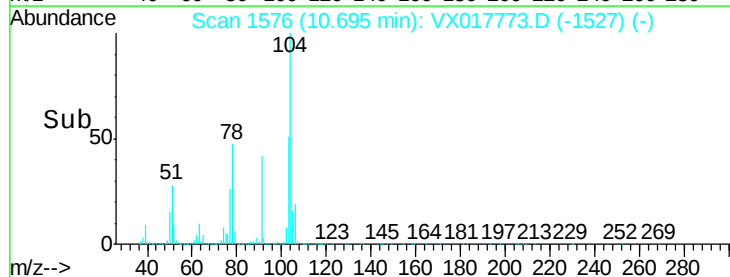
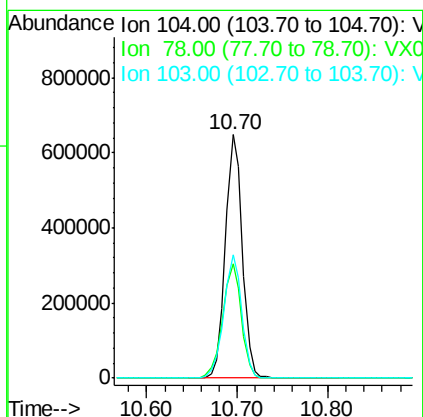
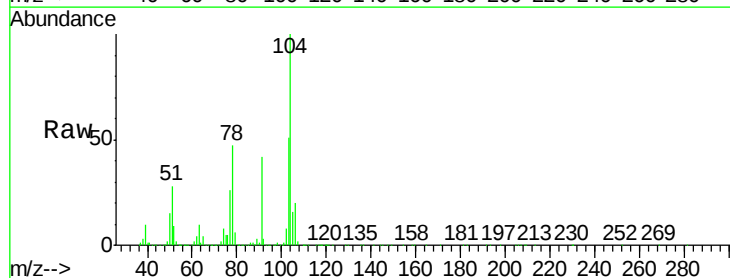
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 477474
Ion Ratio Lower Upper
106 100
91 218.2 108.2 324.6



#70
Styrene
Concen: 50.901 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion:104 Resp: 840868
Ion Ratio Lower Upper
104 100
78 52.0 42.5 63.7
103 54.2 44.3 66.5





#71

Bromoform

Concen: 48.287 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

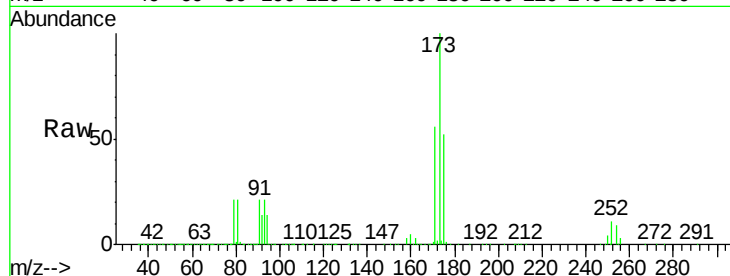
Tgt Ion:173 Resp: 263580

Ion Ratio Lower Upper

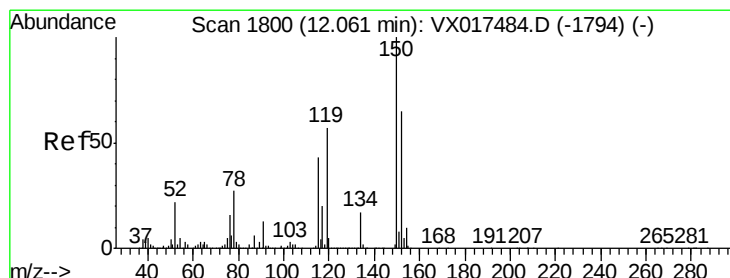
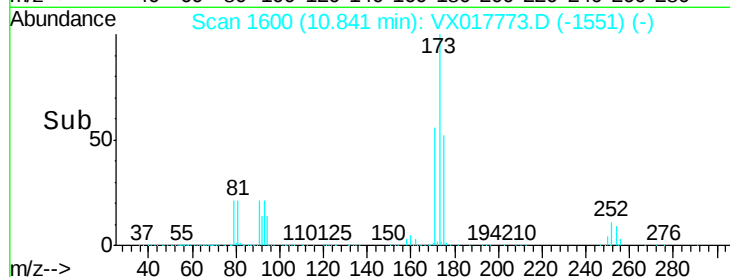
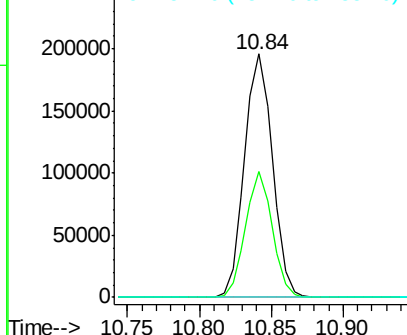
173 100

175 49.4 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: VX017773.D

Acq: 04 Aug 2020 16:11

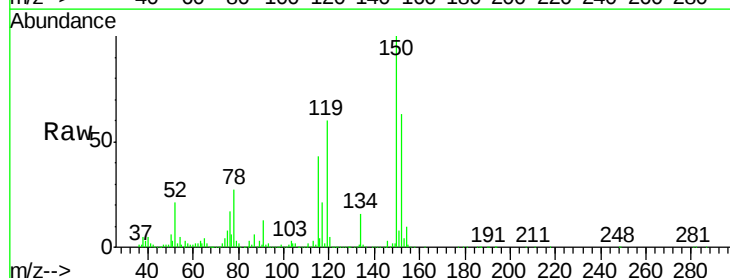
Tgt Ion:152 Resp: 385611

Ion Ratio Lower Upper

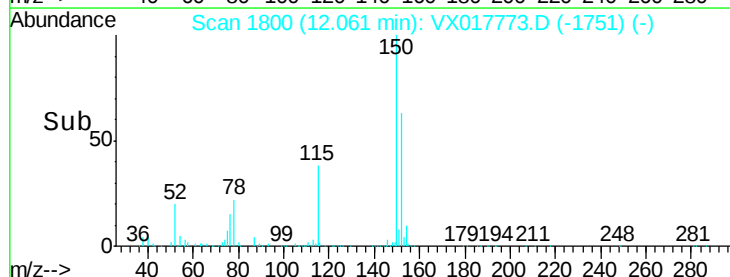
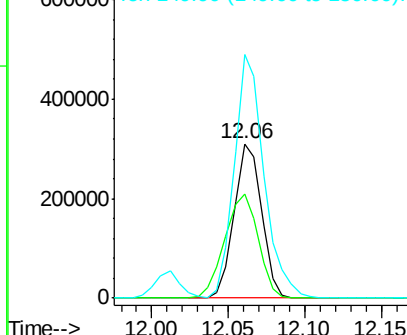
152 100

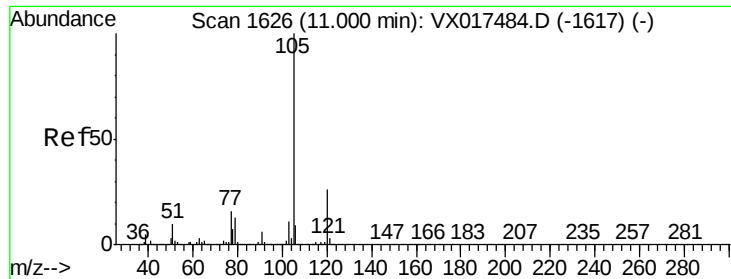
115 82.2 65.5 196.6

150 170.9 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: 49.239 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

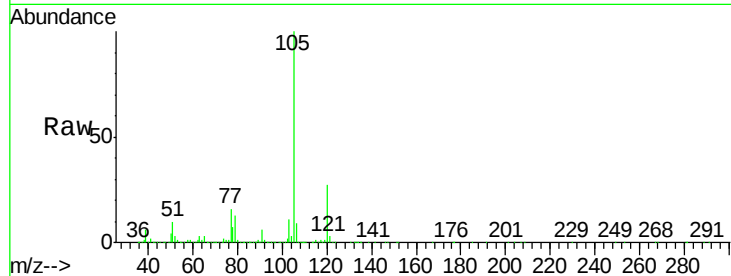
VSTDCCC050EC

Tgt Ion:105 Resp: 1302538

Ion Ratio Lower Upper

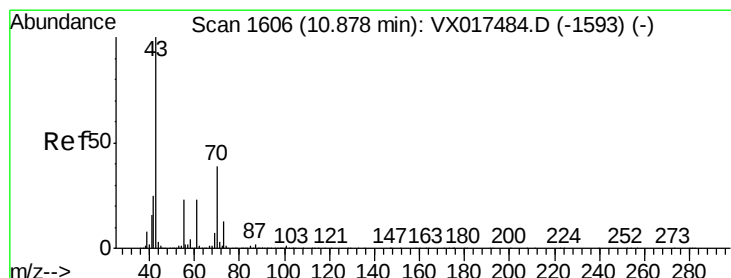
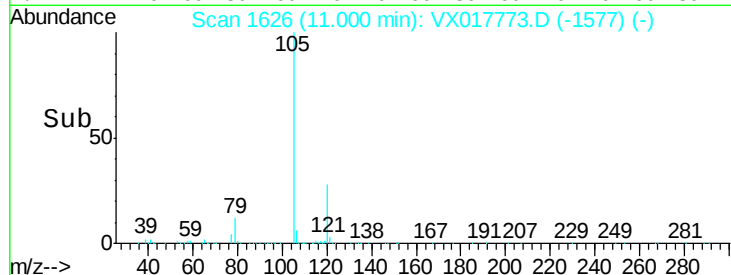
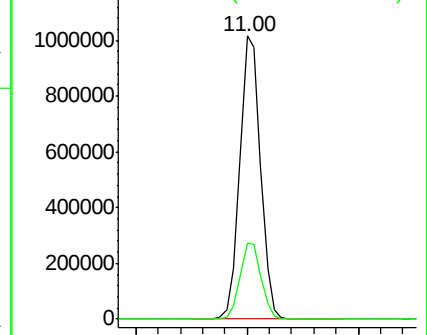
105 100

120 27.2 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: 47.381 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion: 43 Resp: 556893

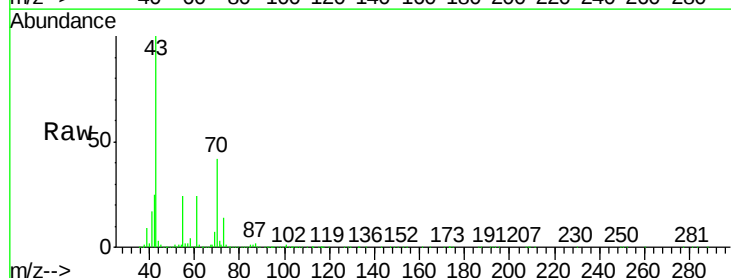
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 23.8 18.4 27.6

61 23.8 18.6 28.0

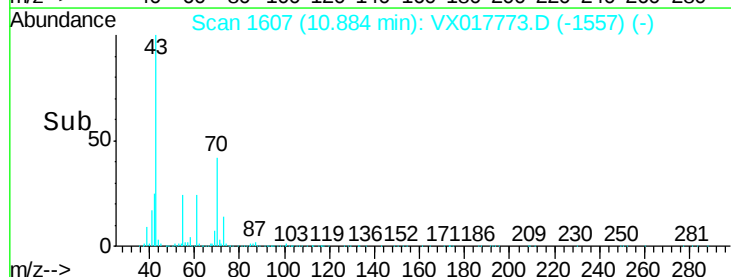
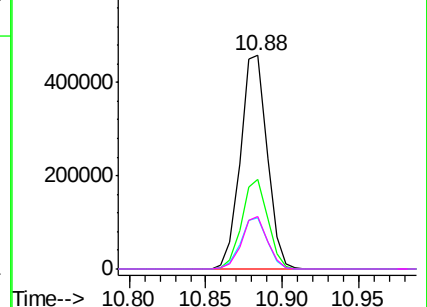


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.447 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

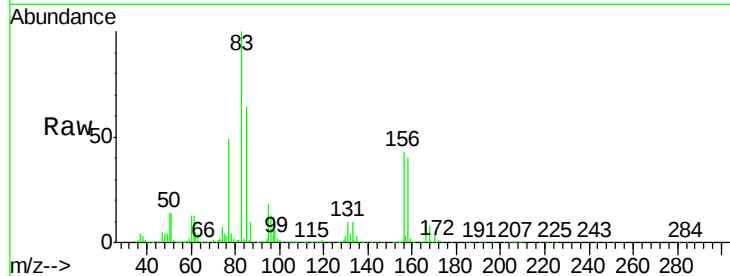
Tgt Ion: 83 Resp: 383520

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

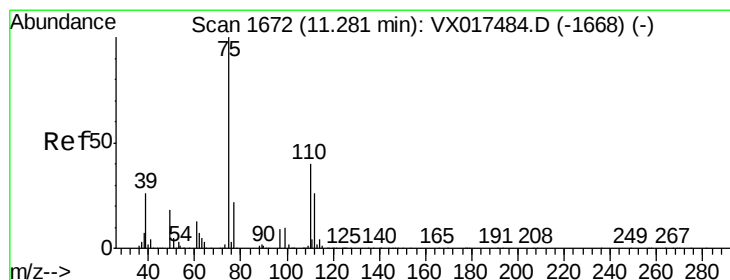
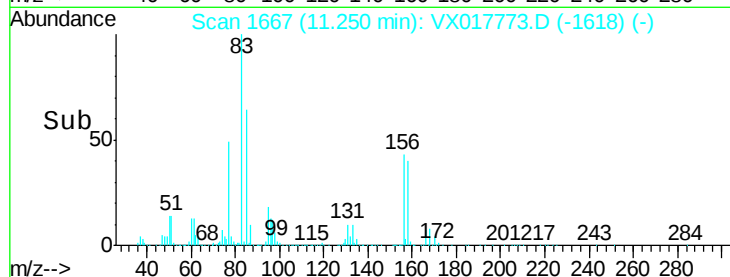
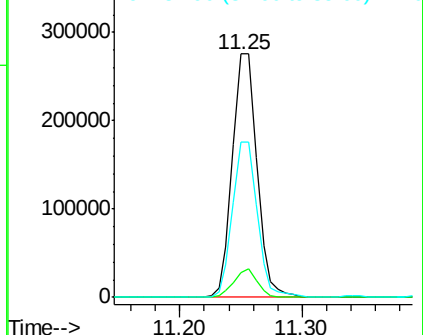
85 64.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.965 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017773.D

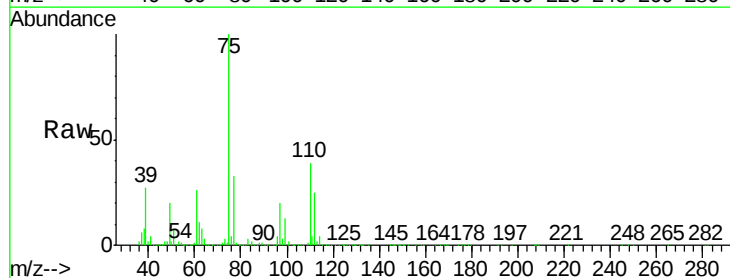
Acq: 04 Aug 2020 16:11

Tgt Ion: 75 Resp: 483583

Ion Ratio Lower Upper

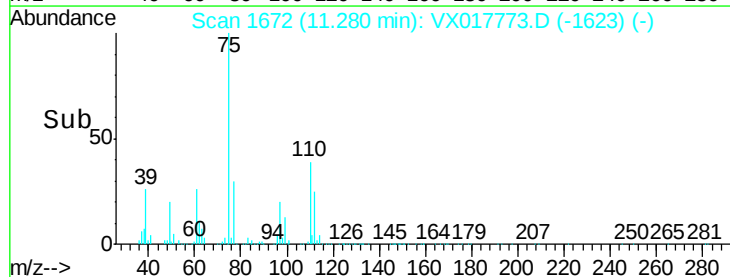
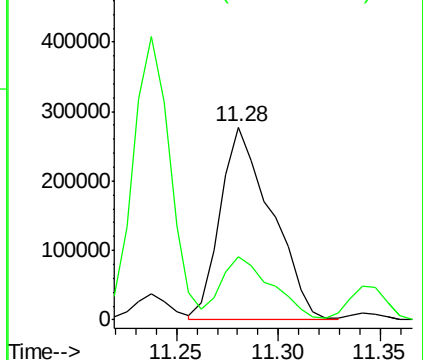
75 100

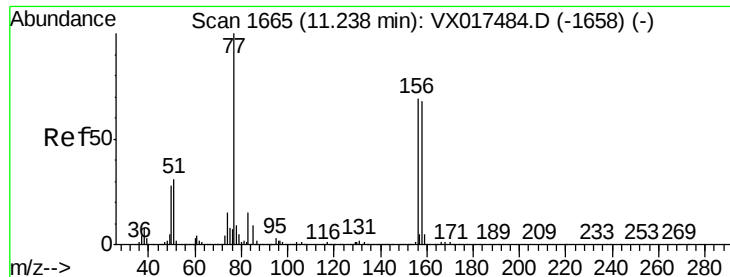
77 32.2 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.074 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

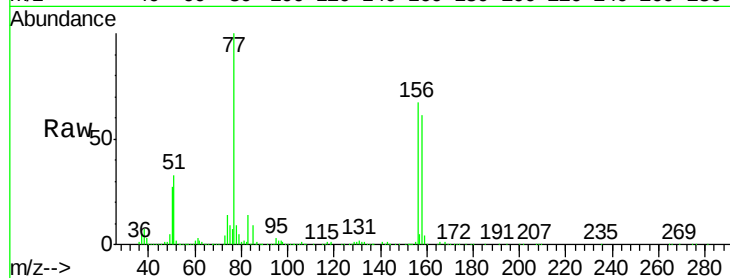
Tgt Ion: 156 Resp: 341210

Ion Ratio Lower Upper

156 100

77 150.3 75.0 225.0

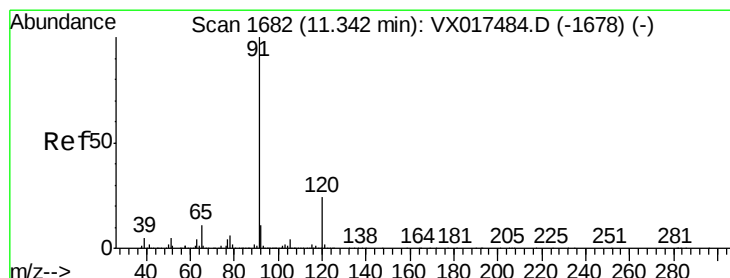
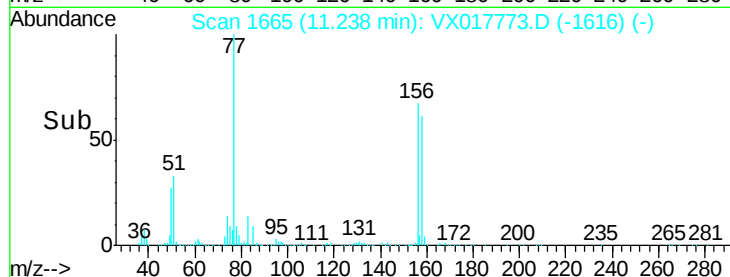
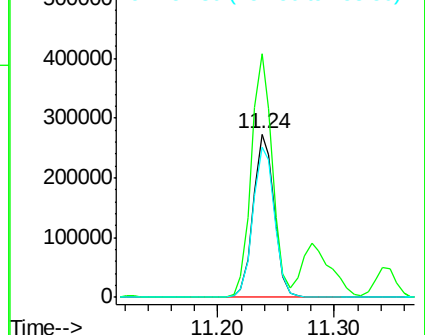
158 95.2 49.1 147.3



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: 48.923 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017773.D

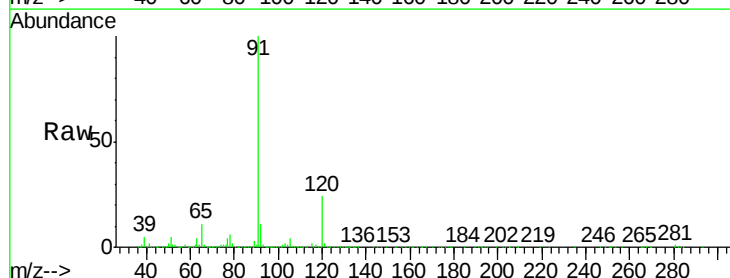
Acq: 04 Aug 2020 16:11

Tgt Ion: 91 Resp: 1459634

Ion Ratio Lower Upper

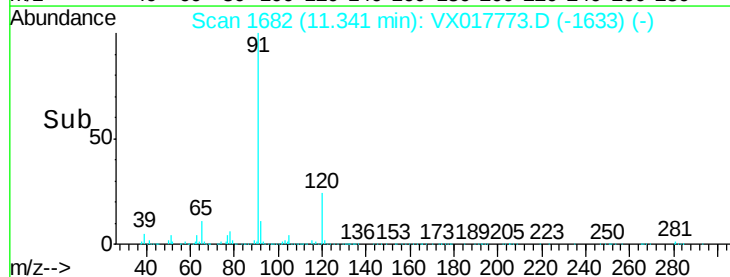
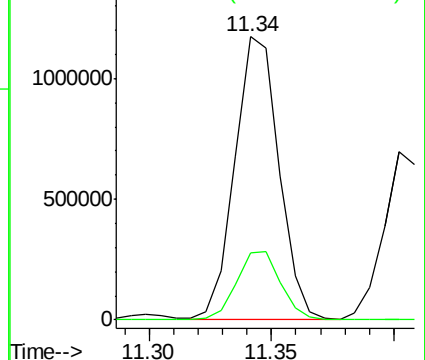
91 100

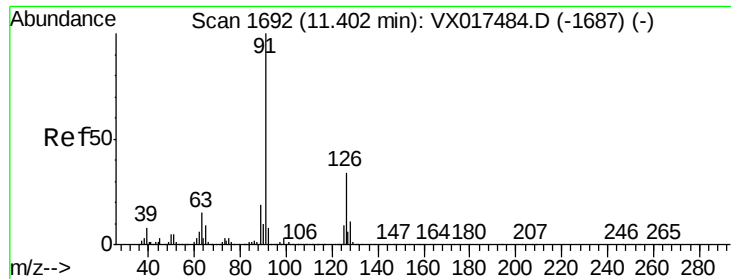
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.673 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

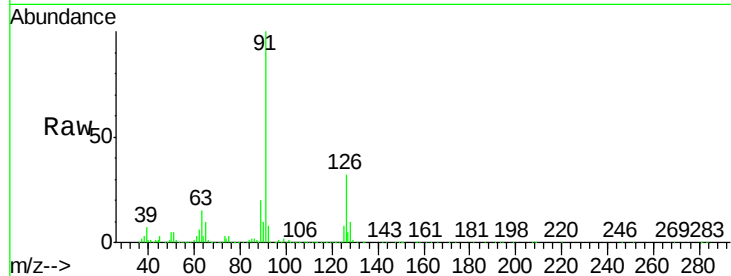
VSTDCCC050EC

Tgt Ion: 91 Resp: 881089

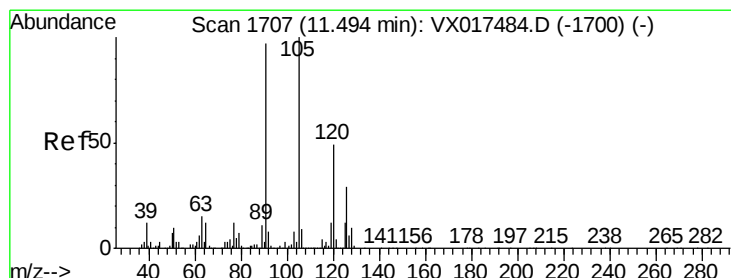
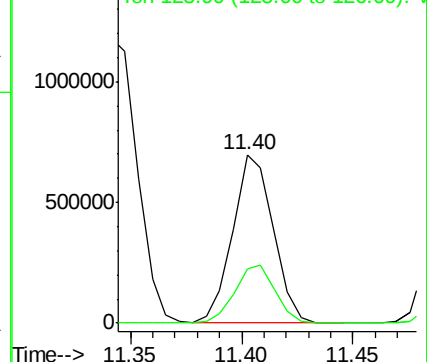
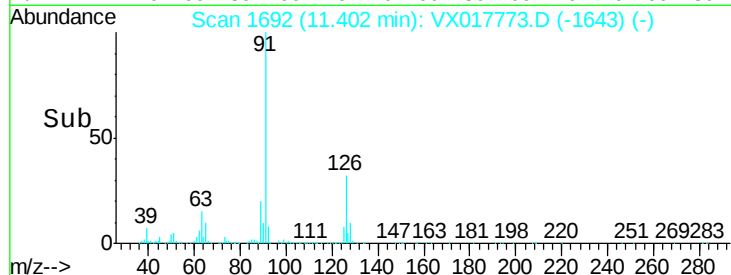
Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX017773.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.651 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017773.D

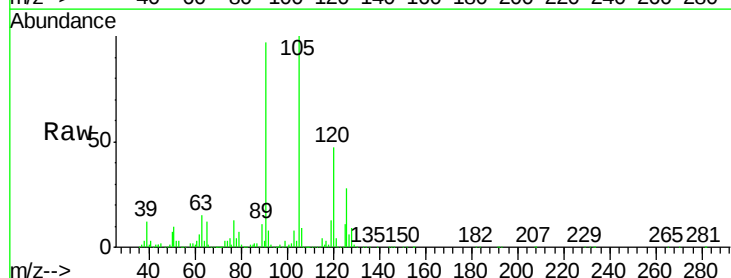
Acq: 04 Aug 2020 16:11

Tgt Ion: 105 Resp: 1098856

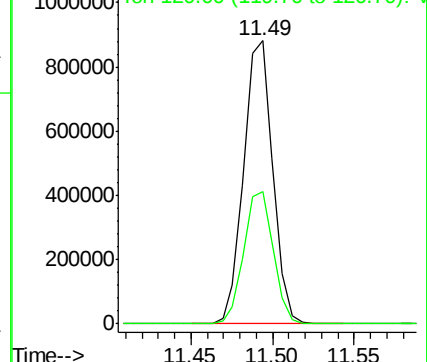
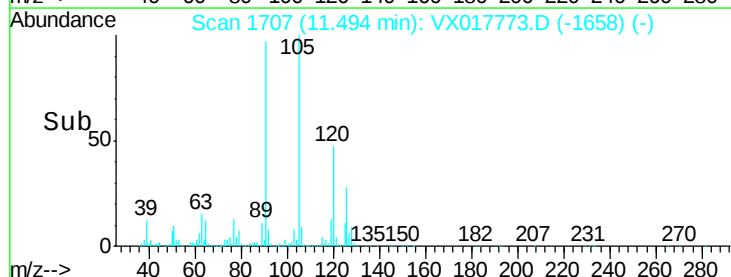
Ion Ratio Lower Upper

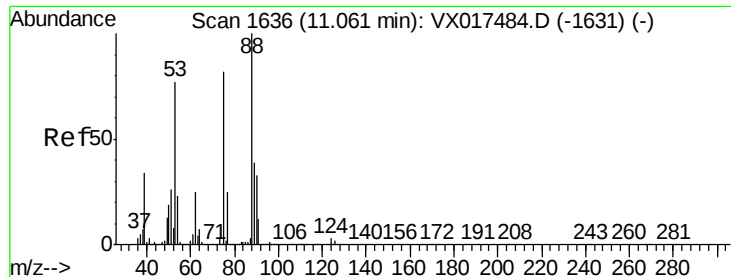
105 100

120 47.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017773.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.275 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

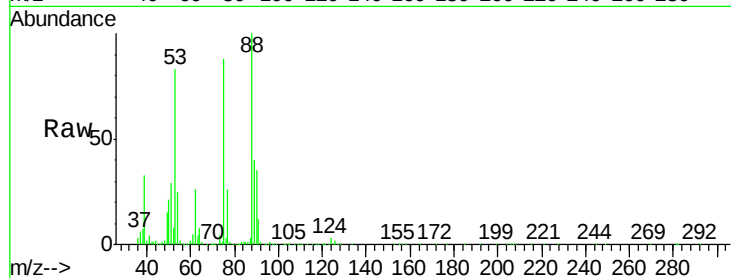
Tgt Ion: 75 Resp: 145671

Ion Ratio Lower Upper

75 100

53 95.9 75.9 113.9

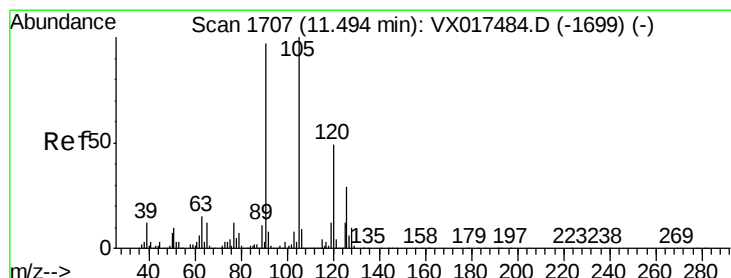
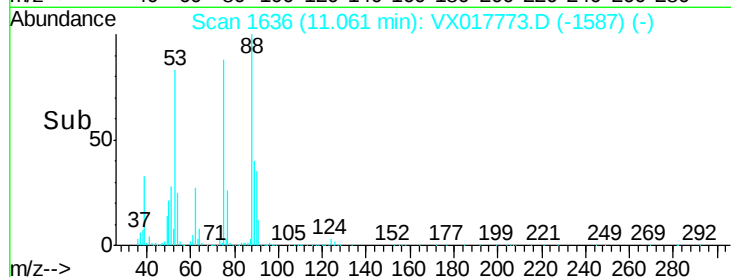
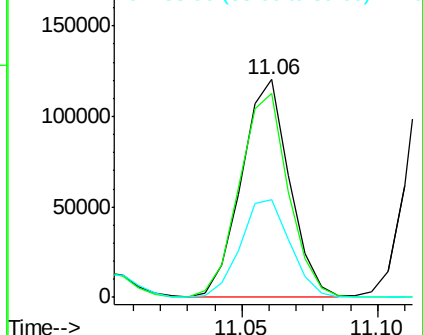
89 47.1 37.8 56.6



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: 48.584 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017773.D

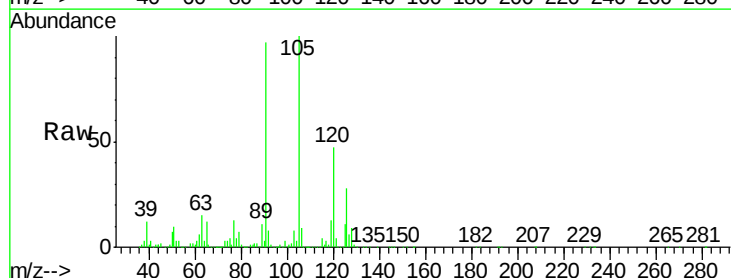
Acq: 04 Aug 2020 16:11

Tgt Ion: 91 Resp: 1059203

Ion Ratio Lower Upper

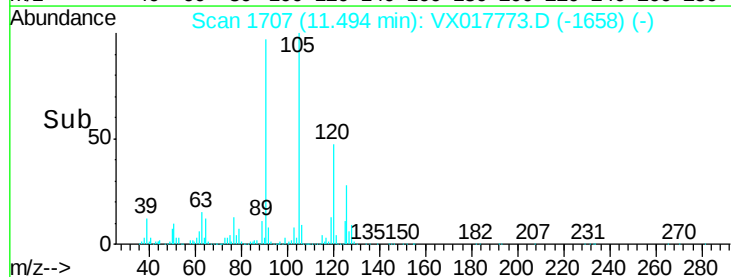
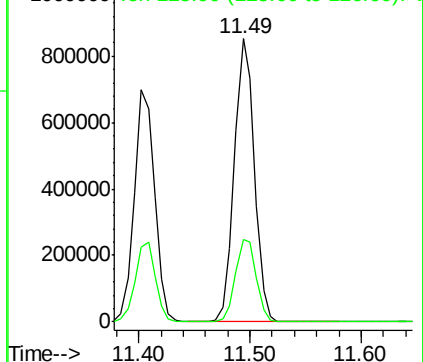
91 100

126 30.2 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: 48.556 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

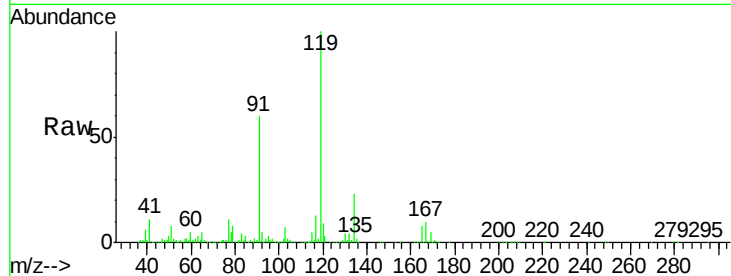
Tgt Ion:119 Resp: 1049383

Ion Ratio Lower Upper

119 100

91 58.6 29.3 88.0

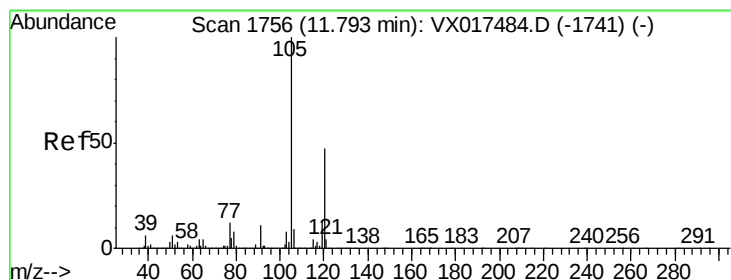
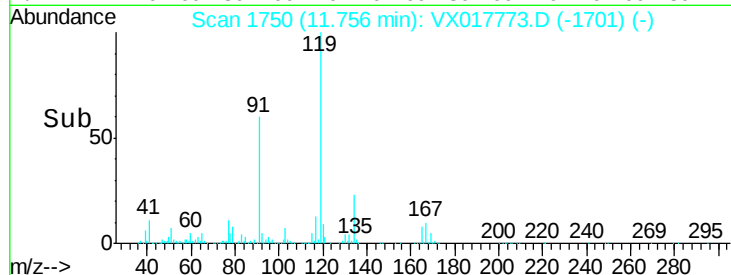
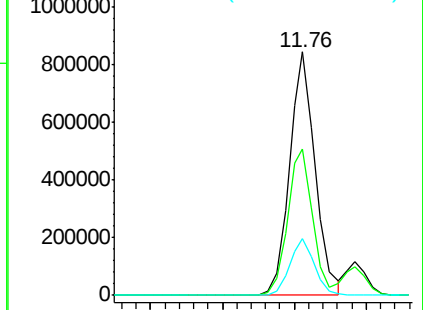
134 22.4 11.2 33.6



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: 48.758 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017773.D

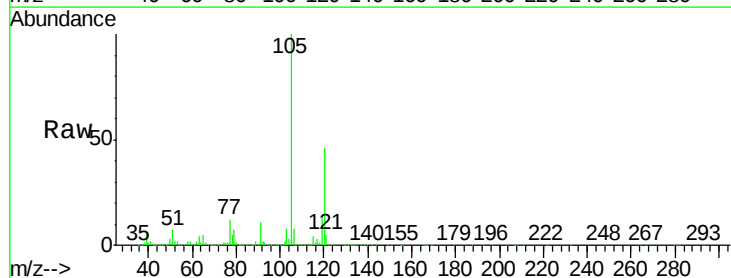
Acq: 04 Aug 2020 16:11

Tgt Ion:105 Resp: 1095343

Ion Ratio Lower Upper

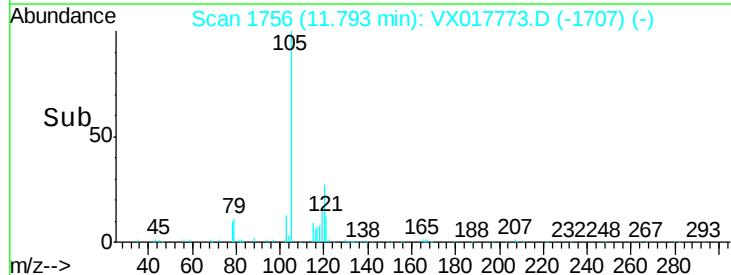
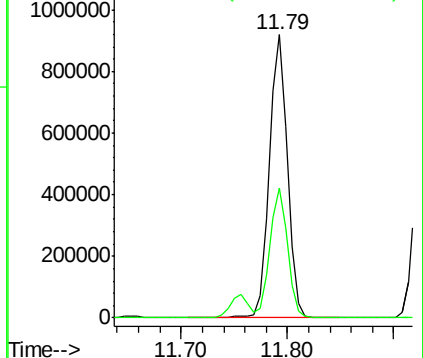
105 100

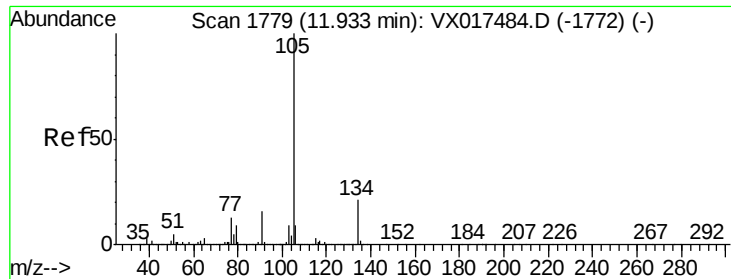
120 44.9 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

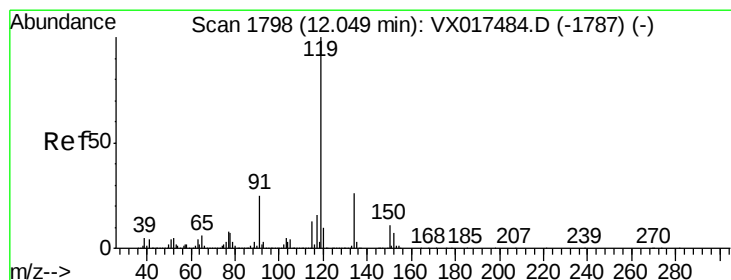
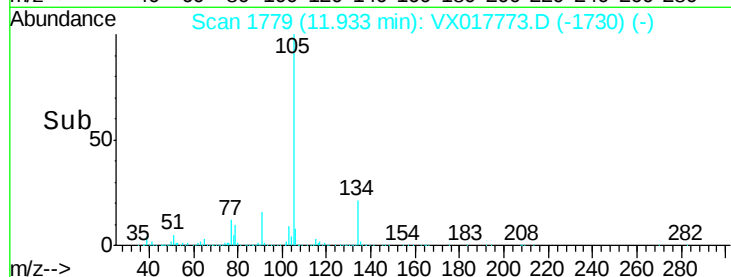
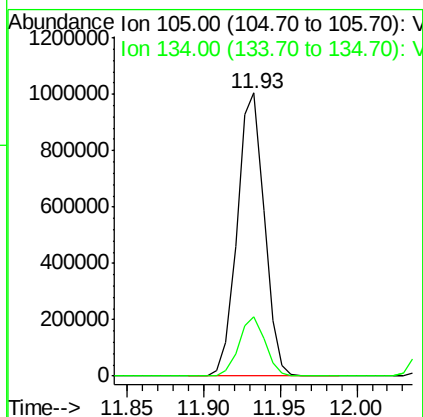
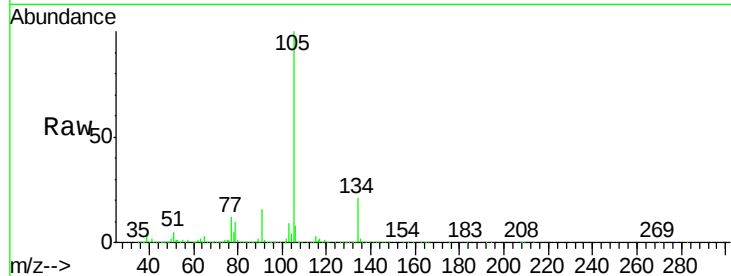




#85
 sec-Butylbenzene
 Concen: 48.765 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

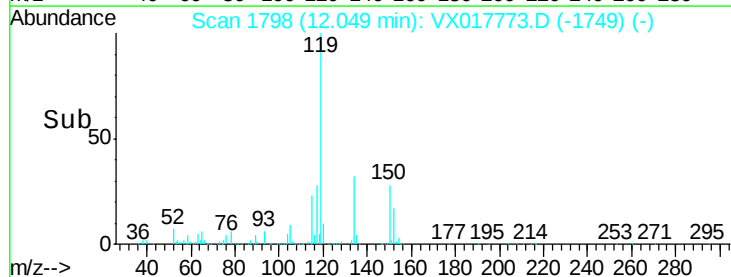
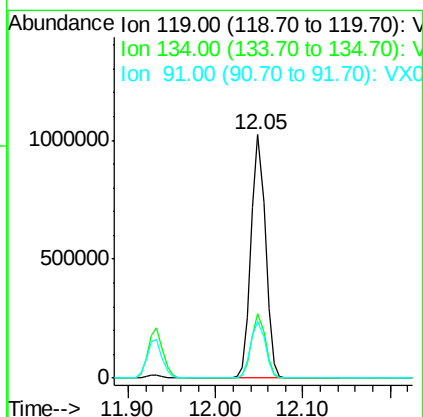
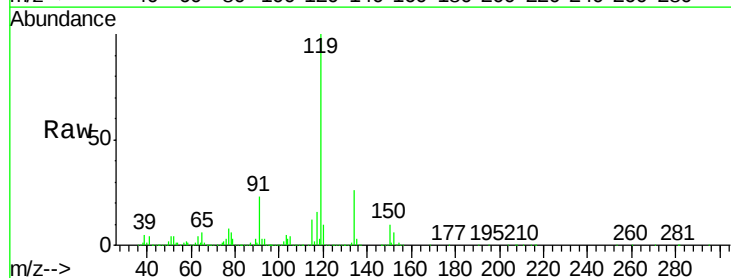
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

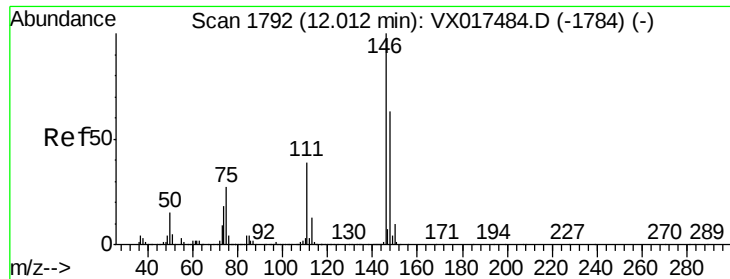
Tgt Ion:105 Resp: 1227706
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 48.250 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion:119 Resp: 1156815
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 23.9 12.1 36.3

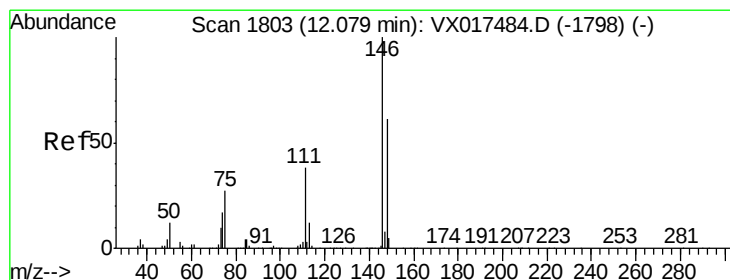
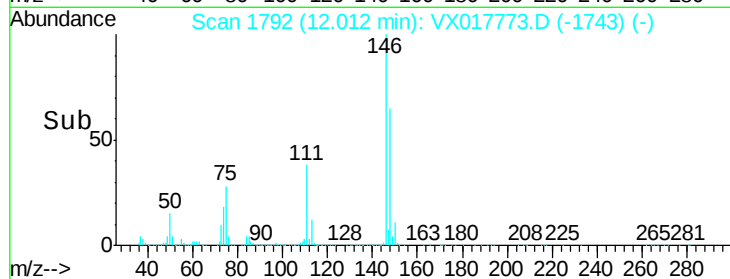
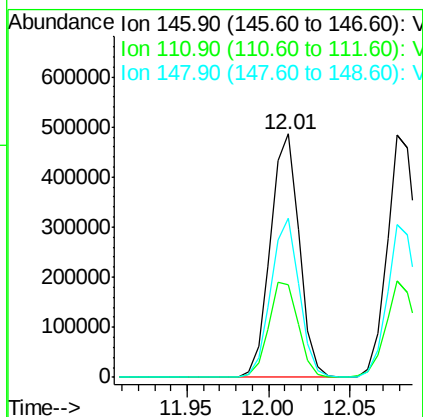
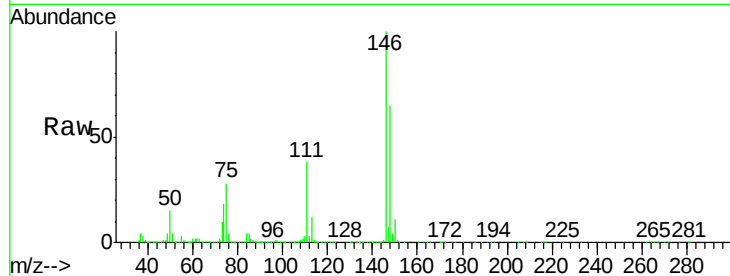




#87
 1,3-Dichlorobenzene
 Concen: 46.702 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

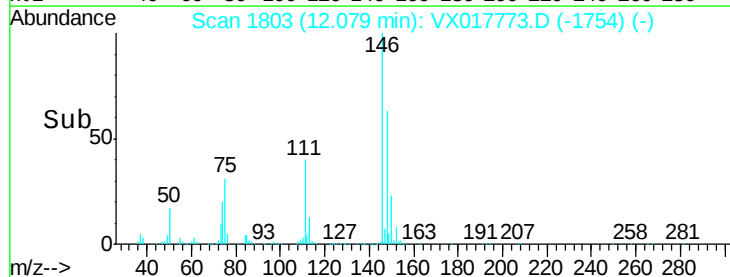
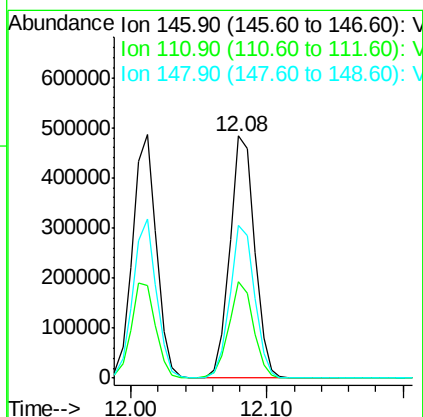
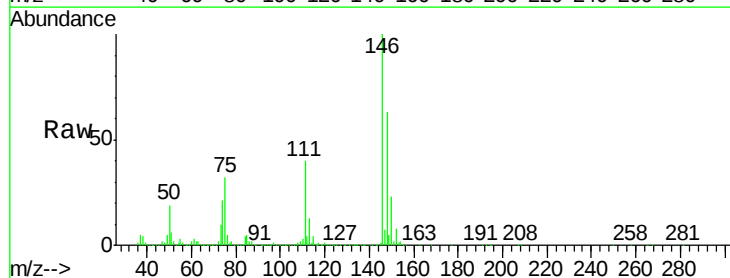
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

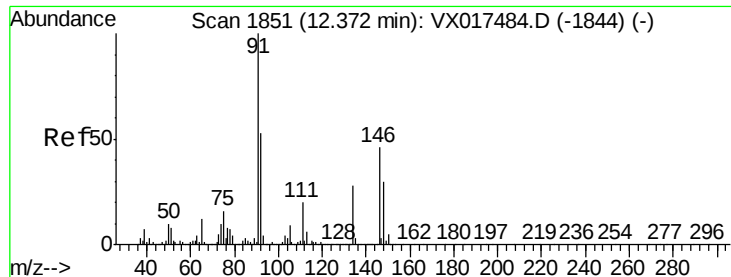
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	64.2	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 46.464 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.3	57.8
148	62.4	32.2	96.6





#89

n-Butylbenzene

Concen: 44.911 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

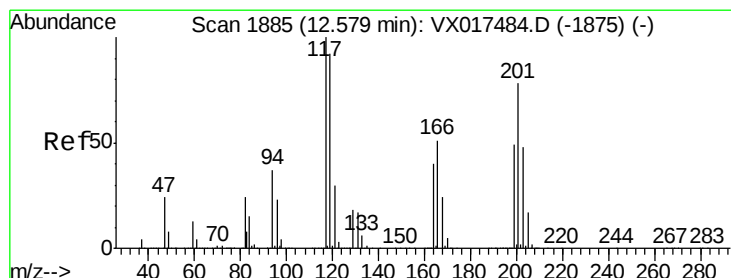
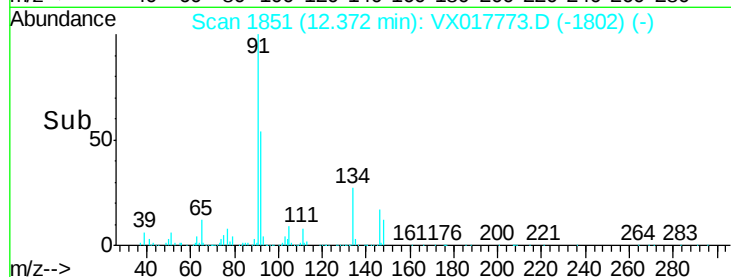
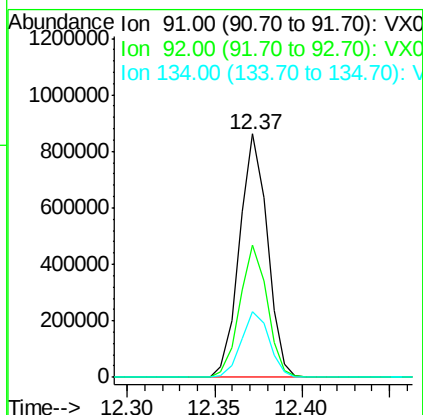
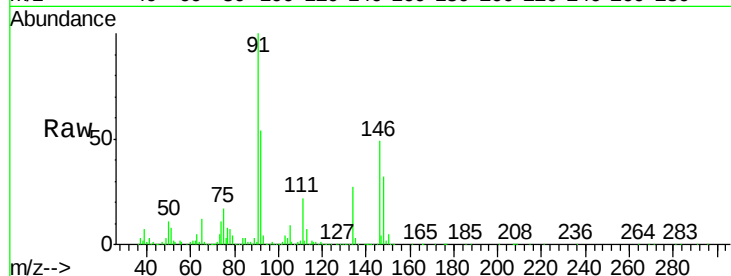
Tgt Ion: 91 Resp: 959472

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.1

134 27.3 13.6 40.7



#90

Hexachloroethane

Concen: 45.786 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017773.D

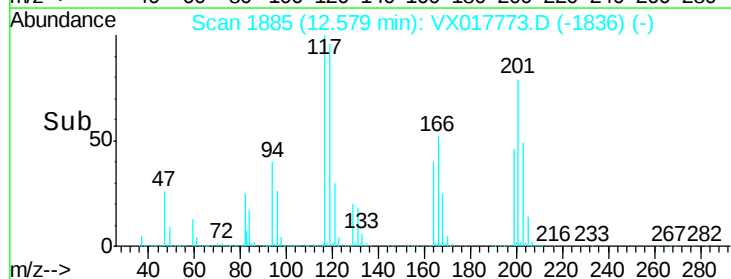
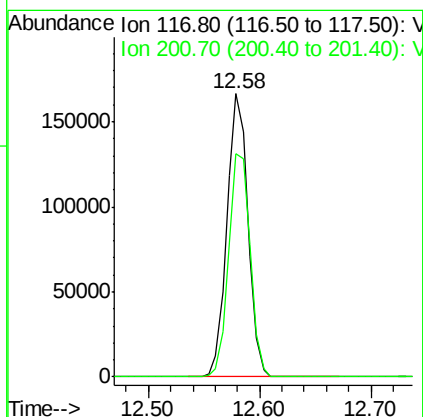
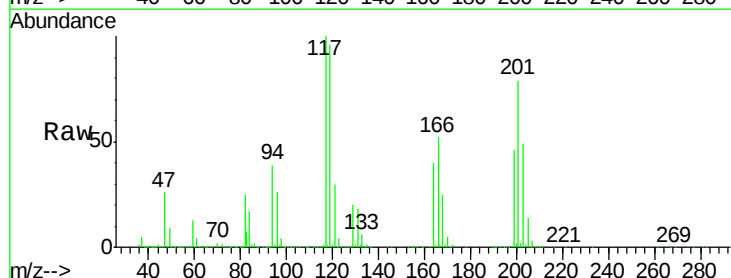
Acq: 04 Aug 2020 16:11

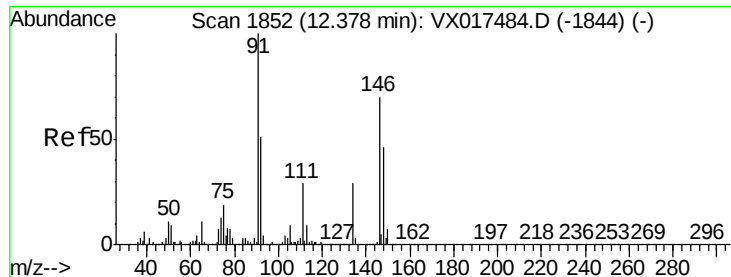
Tgt Ion: 117 Resp: 216418

Ion Ratio Lower Upper

117 100

201 80.9 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 47.562 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

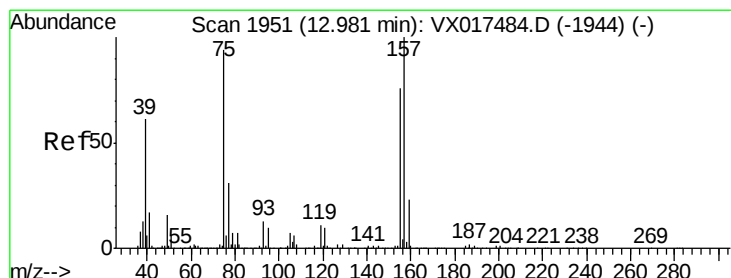
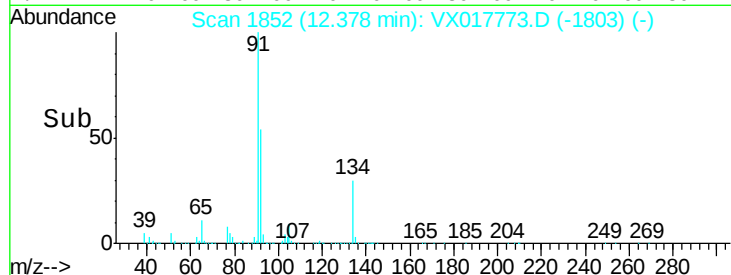
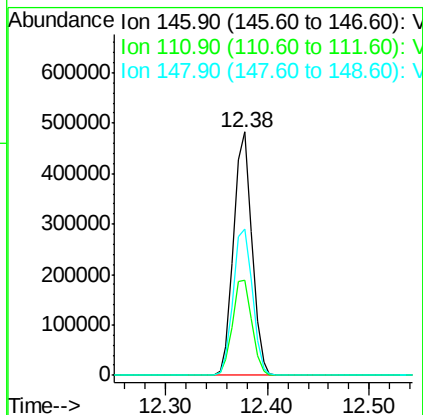
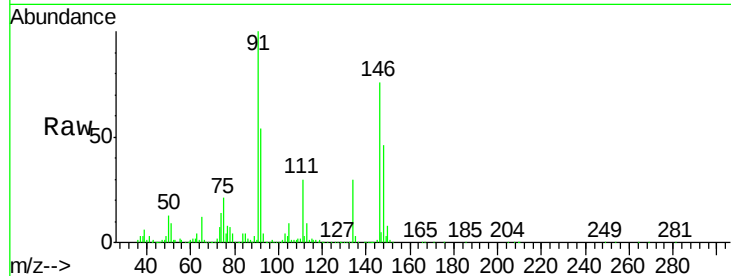
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	594480
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.8
148	63.4	32.8	98.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.693 ug/l

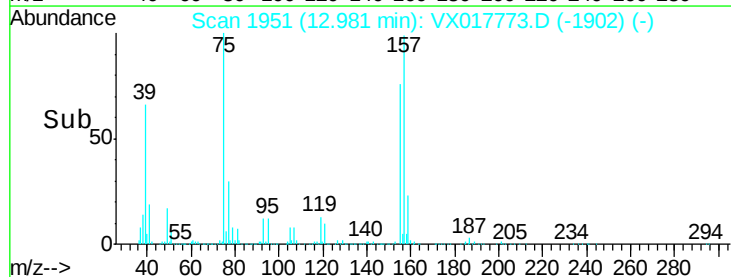
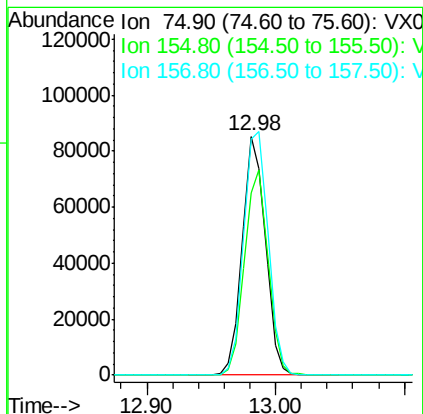
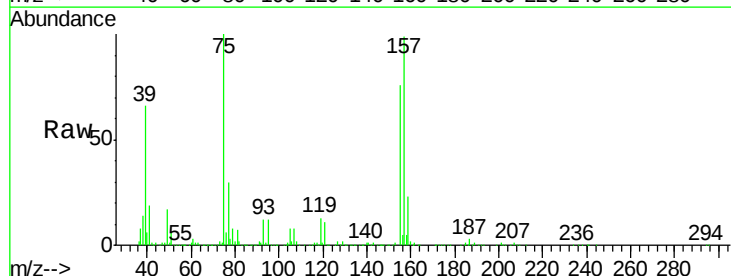
RT: 12.98 min Scan# 1951

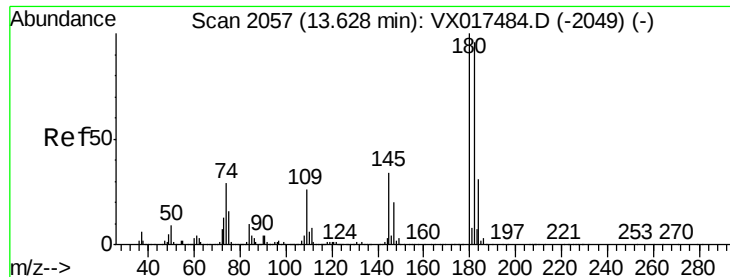
Delta R.T. 0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion:	75	Resp:	106152
Ion	Ratio	Lower	Upper
75	100		
155	87.0	42.3	126.8
157	107.7	54.3	162.9

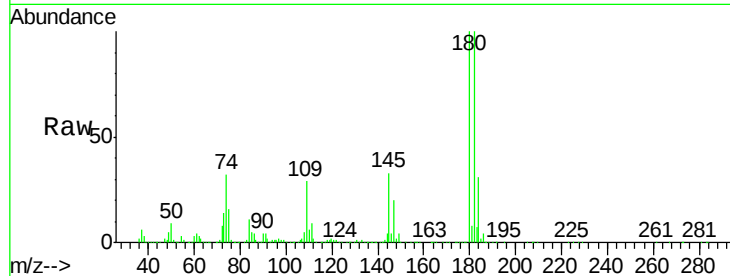




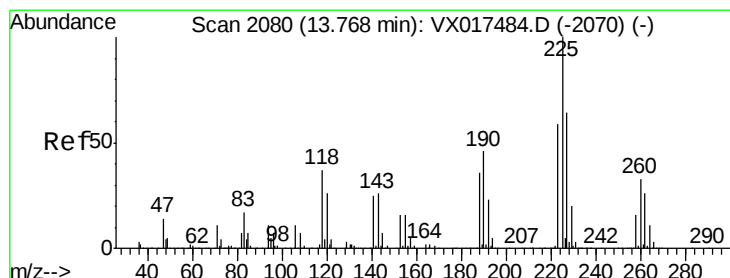
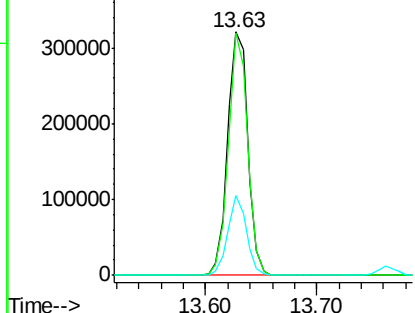
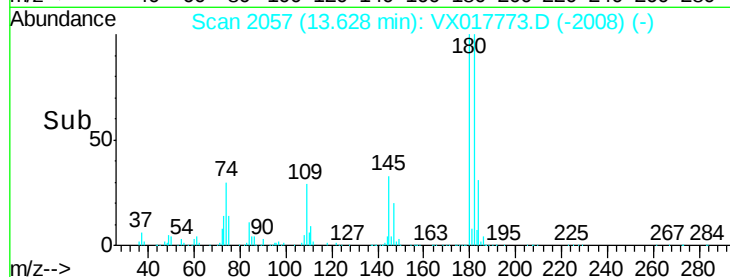
#93
 1,2,4-Trichlorobenzene
 Concen: 47.215 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 402771
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.5 142.6
 145 30.6 15.4 46.4

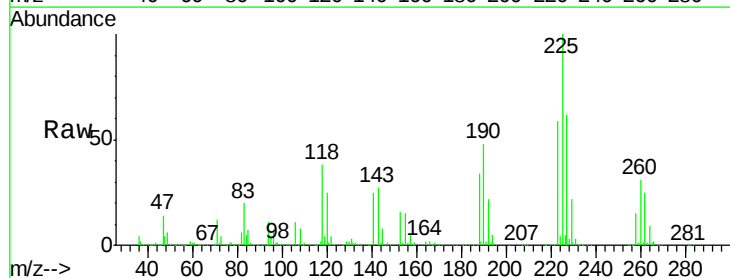


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

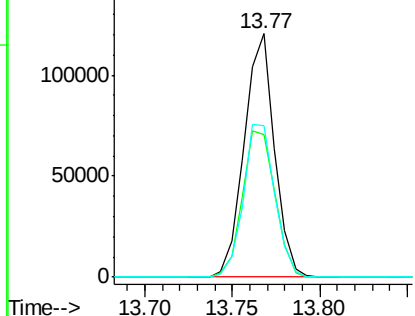
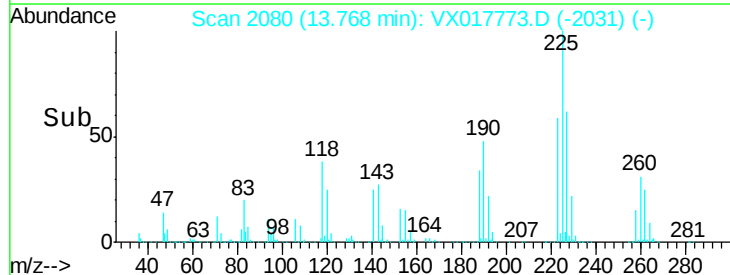


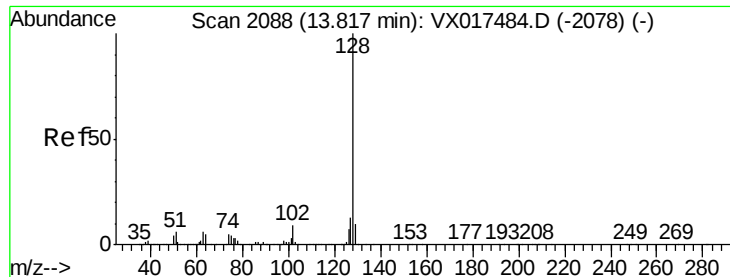
#94
 Hexachlorobutadiene
 Concen: 36.801 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion:225 Resp: 144506
 Ion Ratio Lower Upper
 225 100
 223 65.2 30.3 90.9
 227 65.3 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.099 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

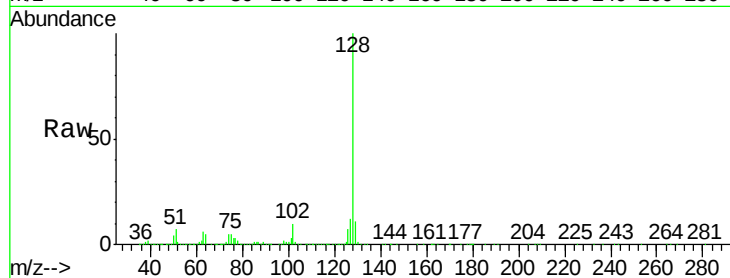
Tgt Ion:128 Resp: 1301235

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

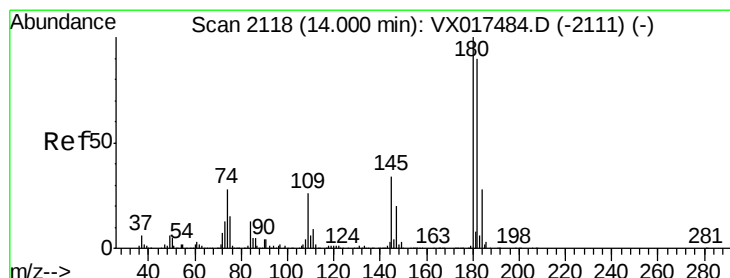
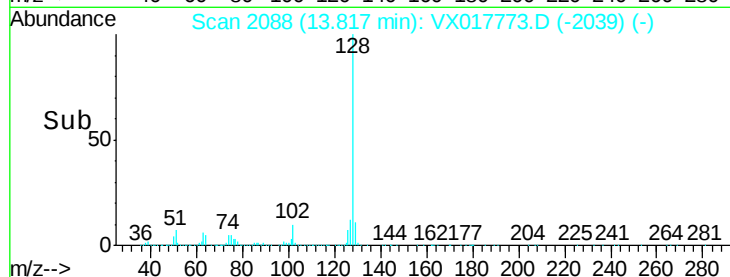
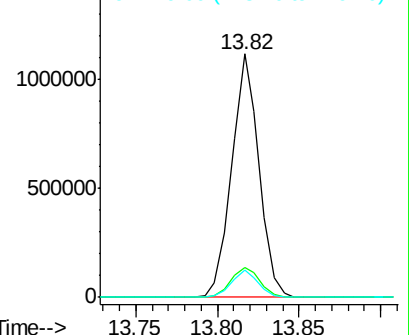
129 10.9 8.9 13.3



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: 47.145 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

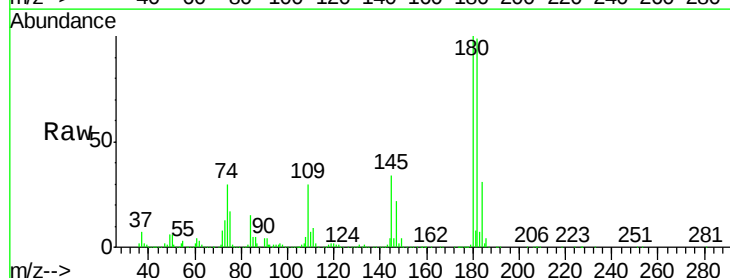
Tgt Ion:180 Resp: 397096

Ion Ratio Lower Upper

180 100

182 98.0 47.4 142.3

145 32.9 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

